Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

	Tier 1 / Tier 2		OPSRP	
Actuarial Equivalency Factor Table	**Healthy**	**Disabled**	**Healthy**	**Disabled**
Early Retirement Reduction Factors	Table 1	N/A	Table 1	N/A
Refund Annuity Conversion Factors (Option 0)	Table 2a	Table 2b	N/A	N/A
Non-Refund Life Annuity Conversion Factors (Option 1)	Table 3a	Table 3b	N/A	N/A
15-Year Certain and Life Annuity Conversion Factors (Option 4)	Table 4a	Table 4b	N/A	N/A
Option 4 death benefit (conversion of remaining benefit to a lump sum)	Table 5	Table 5	N/A	N/A
100% Joint & Survivor Factors (Option 2)	Table 6a	Table 6b	Table 6a	Table 6b
50% Joint & Survivor Factors (Option 3)	Table 7a	Table 7b	Table 7a	Table 7b
100% Joint & Survivor Factors with popup (Option 2A)	Table 8a	Table 8b	Table 8a	Table 8b
50% Joint & Survivor Factors with popup (Option 3A)	Table 9a	Table 9b	Table 9a	Table 9b
Police & Fire Additional Unit Benefits - After Age 60	Table 10	Table 10	N/A	N/A
Police & Fire Additional Unit Benefits - Before Age 60	Table 11	Table 11	N/A	N/A
Police & Fire Additional Unit Benefits by Payroll Deductions	Table 12	Table 12	N/A	N/A
Full Cost factors for Purchasing Service - Factor 1	Table 13a	Table 13b	N/A	N/A
Full Cost factors for Purchasing Service - Factor 2	Table 14	Table 14	N/A	N/A
Full Cost factors for Purchasing Service - Factor 3	Table 15	Table 15	N/A	N/A
Full Cost factors for Purchasing Service - Factor 5	Table 16a	Table 16b	N/A	N/A
Lump Sum Cash Out Factors Prior to Early Retirement Eligibility - General Service	N/A	N/A	Table 17	Not Provided
Lump Sum Cash Out Factors Prior to Early Retirement Eligibility - Police & Fire	N/A	N/A	Table 18	Not Provided
Lump Sum Cash Out Factors at or after Early Retirement Age	N/A	N/A	Table 19	Not Provided
Lump Sum Cash Out Factors for Beneficiaries	N/A	N/A	Table 20	N/A
Conversion to Monthly Spouse Benefit at Later of Member's Death or Earliest Retirement Age	N/A	N/A	Table 21	Table 21
Conversion to Monthly Spouse Benefit at Commencement Date	N/A	N/A	Table 22	Table 22
Present Value of Member's Immediate Benefit - Healthy Members (OPSRP only)	N/A	N/A	Table 23	Table 23
Present Value of Alternate Payee Immediate Benefit (OPSRP only)	N/A	N/A	Table 24	Table 24

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Projected Value of Contributions and Account Balances - Healthy and Disabled Members

(Assumes an Annual Interest Credit of 7.50% per year)

Years to Retire	Amount at Retirement: $1 per Yr. to Retirement	Amount at Retirement: $1 Current Balance	Years to Retire	Amount at Retirement: $1 per Yr. to Retirement	Amount at Retirement: $1 Current Balance
1	1.08	1.08	21	51.12	4.57
2	2.23	1.16	22	56.03	4.91
3	3.47	1.24	23	61.30	5.28
4	4.81	1.34	24	66.98	5.67
5	6.24	1.44	25	73.08	6.10
6	7.79	1.54	26	79.63	6.56
7	9.45	1.66	27	86.68	7.05
8	11.23	1.78	28	94.26	7.58
9	13.15	1.92	29	102.40	8.14
10	15.21	2.06	30	111.15	8.75
11	17.42	2.22	31	120.57	9.41
12	19.81	2.38	32	130.68	10.12
13	22.37	2.56	33	141.56	10.88
14	25.12	2.75	34	153.25	11.69
15	28.08	2.96	35	165.82	12.57
16	31.26	3.18	36	179.33	13.51
17	34.68	3.42	37	193.86	14.52
18	38.35	3.68	38	209.47	15.61
19	42.30	3.95	39	226.26	16.79
20	46.55	4.25	40	244.30	18.04

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Average Remaining Life Expectancy of Non-Disabled PERS Members Retiring in 2016

		State and Local Government Members				School District Members	
	Weighted	General Service		Police & Fire			
Age	Average	Male	Female	Male	Female	Male	Female
50	38.1	37.0	38.3	37.0	38.3	37.7	40.1
51	37.1	35.9	37.2	35.9	37.2	36.6	39.0
52	36.0	34.9	36.2	34.9	36.2	35.6	38.0
53	35.0	33.9	35.2	33.9	35.2	34.5	37.0
54	34.0	32.8	34.2	32.8	34.2	33.5	35.9
55	32.9	31.8	33.1	31.8	33.1	32.5	34.9
56	31.9	30.8	32.1	30.8	32.1	31.5	33.9
57	30.9	29.8	31.1	29.8	31.1	30.4	32.8
58	29.9	28.8	30.1	28.8	30.1	29.4	31.8
59	28.9	27.8	29.1	27.8	29.1	28.4	30.8
60	27.9	26.8	28.1	26.8	28.1	27.5	29.8
61	26.9	25.8	27.1	25.8	27.1	26.5	28.8
62	26.0	24.9	26.2	24.9	26.2	25.5	27.8
63	25.0	23.9	25.2	23.9	25.2	24.5	26.8
64	24.0	23.0	24.2	23.0	24.2	23.6	25.9
65	23.1	22.0	23.3	22.0	23.3	22.7	24.9
66	22.2	21.1	22.4	21.1	22.4	21.7	24.0
67	21.3	20.2	21.5	20.2	21.5	20.8	23.1
68	20.4	19.3	20.6	19.3	20.6	19.9	22.1
69	19.5	18.5	19.7	18.5	19.7	19.1	21.3
70	18.6	17.6	18.9	17.6	18.9	18.2	20.4
71	17.8	16.8	18.0	16.8	18.0	17.4	19.5
72	17.0	15.9	17.2	15.9	17.2	16.5	18.7
73	16.1	15.1	16.4	15.1	16.4	15.7	17.8
74	15.3	14.4	15.6	14.4	15.6	14.9	17.0
75	14.6	13.6	14.8	13.6	14.8	14.1	16.2
76	13.8	12.8	14.1	12.8	14.1	13.4	15.4
77	13.1	12.1	13.4	12.1	13.4	12.6	14.7
78	12.4	11.4	12.7	11.4	12.7	11.9	13.9
79	11.7	10.7	12.0	10.7	12.0	11.2	13.2
80	11.0	10.1	11.3	10.1	11.3	10.6	12.5

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Average Remaining Life Expectancy of Disabled PERS Members Retiring in 2016

Age	Weighted Average	Disabled	
		Male	Female
50	28.7	26.9	30.3
51	28.0	26.3	29.5
52	27.3	25.7	28.7
53	26.6	25.1	27.9
54	25.9	24.5	27.2
55	25.3	23.9	26.4
56	24.6	23.4	25.7
57	23.9	22.8	24.9
58	23.3	22.2	24.2
59	22.6	21.7	23.5
60	22.0	21.1	22.8
61	21.3	20.5	22.0
62	20.7	19.9	21.3
63	20.0	19.3	20.6
64	19.3	18.7	19.9
65	18.7	18.1	19.2
66	18.0	17.5	18.5
67	17.4	16.9	17.8
68	16.7	16.3	17.1
69	16.1	15.7	16.5
70	15.5	15.1	15.8
71	14.9	14.5	15.2
72	14.3	13.9	14.6
73	13.7	13.3	14.0
74	13.1	12.7	13.4
75	12.5	12.2	12.8
76	12.0	11.6	12.3
77	11.4	11.1	11.7
78	10.9	10.6	11.2
79	10.4	10.1	10.7
80	9.9	9.6	10.2

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 1: Early Retirement Factors

		Tier 1 / Tier 2						OPSRP			
		General Service			P&F			General Service		P&F	
Age at Retirement		Less than 30 years		30+ years	Less than 25 years	25+ years	30+ years	Less than 30 years	30+ years	Less than 25 years	25+ years
Years	Months	Tier 1	Tier 2								
Less than 50		N/A	N/A	1.000	N/A	N/A	1.000	N/A	N/A	N/A	N/A
50	0	N/A	N/A	1.000	0.644	1.000	1.000	N/A	N/A	0.422	0.766
	1			1.000	0.649	1.000	1.000			0.425	0.772
	2			1.000	0.654	1.000	1.000			0.428	0.778
	3			1.000	0.659	1.000	1.000			0.431	0.784
	4			1.000	0.663	1.000	1.000			0.434	0.789
	5			1.000	0.668	1.000	1.000			0.437	0.795
	6			1.000	0.673	1.000	1.000			0.440	0.801
	7			1.000	0.678	1.000	1.000			0.443	0.807
	8			1.000	0.683	1.000	1.000			0.446	0.813
	9			1.000	0.688	1.000	1.000			0.449	0.819
	10			1.000	0.692	1.000	1.000			0.452	0.824
	11			1.000	0.697	1.000	1.000			0.455	0.83
51	0	N/A	N/A	1.000	0.702	1.000	1.000	N/A	N/A	0.458	0.836
	1			1.000	0.707	1.000	1.000			0.461	0.843
	2			1.000	0.713	1.000	1.000			0.465	0.849
	3			1.000	0.718	1.000	1.000			0.468	0.856
	4			1.000	0.723	1.000	1.000			0.471	0.862
	5			1.000	0.729	1.000	1.000			0.475	0.869
	6			1.000	0.734	1.000	1.000			0.478	0.875
	7			1.000	0.739	1.000	1.000			0.481	0.882
	8			1.000	0.745	1.000	1.000			0.485	0.888
	9			1.000	0.750	1.000	1.000			0.488	0.895
	10			1.000	0.755	1.000	1.000			0.491	0.901
	11			1.000	0.761	1.000	1.000			0.495	0.908
52	0	N/A	N/A	1.000	0.766	1.000	1.000	N/A	N/A	0.498	0.914
	1			1.000	0.772	1.000	1.000			0.502	0.921
	2			1.000	0.778	1.000	1.000			0.505	0.928
	3			1.000	0.784	1.000	1.000			0.509	0.936
	4			1.000	0.789	1.000	1.000			0.513	0.943
	5			1.000	0.795	1.000	1.000			0.516	0.950
	6			1.000	0.801	1.000	1.000			0.520	0.957
	7			1.000	0.807	1.000	1.000			0.524	0.964
	8			1.000	0.813	1.000	1.000			0.527	0.971
	9			1.000	0.819	1.000	1.000			0.531	0.979
	10			1.000	0.824	1.000	1.000			0.535	0.986
	11			1.000	0.830	1.000	1.000			0.538	0.993
53	0	N/A	N/A	1.000	0.836	1.000	1.000	N/A	N/A	0.542	1.000
	1			1.000	0.843	1.000	1.000			0.546	1.000
	2			1.000	0.849	1.000	1.000			0.550	1.000
	3			1.000	0.856	1.000	1.000			0.554	1.000
	4			1.000	0.862	1.000	1.000			0.558	1.000
	5			1.000	0.869	1.000	1.000			0.562	1.000
	6			1.000	0.875	1.000	1.000			0.566	1.000
	7			1.000	0.882	1.000	1.000			0.570	1.000
	8			1.000	0.888	1.000	1.000			0.574	1.000
	9			1.000	0.895	1.000	1.000			0.578	1.000
	10			1.000	0.901	1.000	1.000			0.582	1.000
	11			1.000	0.908	1.000	1.000			0.586	1.000
54	0	N/A	N/A	1.000	0.914	1.000	1.000	N/A	N/A	0.590	1.000
	1			1.000	0.921	1.000	1.000			0.595	1.000
	2			1.000	0.928	1.000	1.000			0.599	1.000
	3			1.000	0.936	1.000	1.000			0.604	1.000
	4			1.000	0.943	1.000	1.000			0.608	1.000
	5			1.000	0.950	1.000	1.000			0.613	1.000
	6			1.000	0.957	1.000	1.000			0.617	1.000
	7			1.000	0.964	1.000	1.000			0.622	1.000
	8			1.000	0.971	1.000	1.000			0.626	1.000
	9			1.000	0.979	1.000	1.000			0.631	1.000
	10			1.000	0.986	1.000	1.000			0.635	1.000
	11			1.000	0.993	1.000	1.000			0.640	1.000
55	0	0.766	0.644	1.000	1.000	1.000	1.000	0.422	0.766	0.644	1.000
	1	0.772	0.649	1.000	1.000	1.000	1.000	0.425	0.772	0.649	1.000
	2	0.778	0.654	1.000	1.000	1.000	1.000	0.428	0.778	0.654	1.000

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Table 1: Early Retirement Factors

		Tier 1 / Tier 2						OPSRP			
		General Service			P&F			General Service		P&F	
Age at Retirement		Less than 30 years		30+ years	Less than 25 years	25+ years	30+ years	Less than 30 years	30+ years	Less than 25 years	25+ years
Years	Months	Tier 1	Tier 2								
	3	0.784	0.659	1.000	1.000	1.000	1.000	0.431	0.784	0.659	1.000
	4	0.789	0.663	1.000	1.000	1.000	1.000	0.434	0.789	0.663	1.000
	5	0.795	0.668	1.000	1.000	1.000	1.000	0.437	0.795	0.668	1.000
	6	0.801	0.673	1.000	1.000	1.000	1.000	0.440	0.801	0.673	1.000
	7	0.807	0.678	1.000	1.000	1.000	1.000	0.443	0.807	0.678	1.000
	8	0.813	0.683	1.000	1.000	1.000	1.000	0.446	0.813	0.683	1.000
	9	0.819	0.688	1.000	1.000	1.000	1.000	0.449	0.819	0.688	1.000
	10	0.824	0.692	1.000	1.000	1.000	1.000	0.452	0.824	0.692	1.000
	11	0.830	0.697	1.000	1.000	1.000	1.000	0.455	0.830	0.697	1.000
56	0	0.836	0.702	1.000	1.000	1.000	1.000	0.458	0.836	0.702	1.000
	1	0.843	0.707	1.000	1.000	1.000	1.000	0.461	0.843	0.707	1.000
	2	0.849	0.713	1.000	1.000	1.000	1.000	0.465	0.849	0.713	1.000
	3	0.856	0.718	1.000	1.000	1.000	1.000	0.468	0.856	0.718	1.000
	4	0.862	0.723	1.000	1.000	1.000	1.000	0.471	0.862	0.723	1.000
	5	0.869	0.729	1.000	1.000	1.000	1.000	0.475	0.869	0.729	1.000
	6	0.875	0.734	1.000	1.000	1.000	1.000	0.478	0.875	0.734	1.000
	7	0.882	0.739	1.000	1.000	1.000	1.000	0.481	0.882	0.739	1.000
	8	0.888	0.745	1.000	1.000	1.000	1.000	0.485	0.888	0.745	1.000
	9	0.895	0.750	1.000	1.000	1.000	1.000	0.488	0.895	0.750	1.000
	10	0.901	0.755	1.000	1.000	1.000	1.000	0.491	0.901	0.755	1.000
	11	0.908	0.761	1.000	1.000	1.000	1.000	0.495	0.908	0.761	1.000
57	0	0.914	0.766	1.000	1.000	1.000	1.000	0.498	0.914	0.766	1.000
	1	0.921	0.772	1.000	1.000	1.000	1.000	0.502	0.921	0.772	1.000
	2	0.928	0.778	1.000	1.000	1.000	1.000	0.505	0.928	0.778	1.000
	3	0.936	0.784	1.000	1.000	1.000	1.000	0.509	0.936	0.784	1.000
	4	0.943	0.789	1.000	1.000	1.000	1.000	0.513	0.943	0.789	1.000
	5	0.950	0.795	1.000	1.000	1.000	1.000	0.516	0.950	0.795	1.000
	6	0.957	0.801	1.000	1.000	1.000	1.000	0.520	0.957	0.801	1.000
	7	0.964	0.807	1.000	1.000	1.000	1.000	0.524	0.964	0.807	1.000
	8	0.971	0.813	1.000	1.000	1.000	1.000	0.527	0.971	0.813	1.000
	9	0.979	0.819	1.000	1.000	1.000	1.000	0.531	0.979	0.819	1.000
	10	0.986	0.824	1.000	1.000	1.000	1.000	0.535	0.986	0.824	1.000
	11	0.993	0.830	1.000	1.000	1.000	1.000	0.538	0.993	0.830	1.000
58	0	1.000	0.836	1.000	1.000	1.000	1.000	0.542	1.000	0.836	1.000
	1	1.000	0.843	1.000	1.000	1.000	1.000	0.546	1.000	0.843	1.000
	2	1.000	0.849	1.000	1.000	1.000	1.000	0.550	1.000	0.849	1.000
	3	1.000	0.856	1.000	1.000	1.000	1.000	0.554	1.000	0.856	1.000
	4	1.000	0.862	1.000	1.000	1.000	1.000	0.558	1.000	0.862	1.000
	5	1.000	0.869	1.000	1.000	1.000	1.000	0.562	1.000	0.869	1.000
	6	1.000	0.875	1.000	1.000	1.000	1.000	0.566	1.000	0.875	1.000
	7	1.000	0.882	1.000	1.000	1.000	1.000	0.570	1.000	0.882	1.000
	8	1.000	0.888	1.000	1.000	1.000	1.000	0.574	1.000	0.888	1.000
	9	1.000	0.895	1.000	1.000	1.000	1.000	0.578	1.000	0.895	1.000
	10	1.000	0.901	1.000	1.000	1.000	1.000	0.582	1.000	0.901	1.000
	11	1.000	0.908	1.000	1.000	1.000	1.000	0.586	1.000	0.908	1.000
59	0	1.000	0.914	1.000	1.000	1.000	1.000	0.590	1.000	0.914	1.000
	1	1.000	0.921	1.000	1.000	1.000	1.000	0.595	1.000	0.921	1.000
	2	1.000	0.928	1.000	1.000	1.000	1.000	0.599	1.000	0.928	1.000
	3	1.000	0.936	1.000	1.000	1.000	1.000	0.604	1.000	0.936	1.000
	4	1.000	0.943	1.000	1.000	1.000	1.000	0.608	1.000	0.943	1.000
	5	1.000	0.950	1.000	1.000	1.000	1.000	0.613	1.000	0.950	1.000
	6	1.000	0.957	1.000	1.000	1.000	1.000	0.617	1.000	0.957	1.000
	7	1.000	0.964	1.000	1.000	1.000	1.000	0.622	1.000	0.964	1.000
	8	1.000	0.971	1.000	1.000	1.000	1.000	0.626	1.000	0.971	1.000
	9	1.000	0.979	1.000	1.000	1.000	1.000	0.631	1.000	0.979	1.000
	10	1.000	0.986	1.000	1.000	1.000	1.000	0.635	1.000	0.986	1.000
	11	1.000	0.993	1.000	1.000	1.000	1.000	0.640	1.000	0.993	1.000
60	0	1.000	1.000	1.000	1.000	1.000	1.000	0.644	1.000	1.000	1.000
	1	1.000	1.000	1.000	1.000	1.000	1.000	0.649	1.000	1.000	1.000
	2	1.000	1.000	1.000	1.000	1.000	1.000	0.654	1.000	1.000	1.000
	3	1.000	1.000	1.000	1.000	1.000	1.000	0.659	1.000	1.000	1.000
	4	1.000	1.000	1.000	1.000	1.000	1.000	0.663	1.000	1.000	1.000
	5	1.000	1.000	1.000	1.000	1.000	1.000	0.668	1.000	1.000	1.000
	6	1.000	1.000	1.000	1.000	1.000	1.000	0.673	1.000	1.000	1.000
	7	1.000	1.000	1.000	1.000	1.000	1.000	0.678	1.000	1.000	1.000
	8	1.000	1.000	1.000	1.000	1.000	1.000	0.683	1.000	1.000	1.000

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 1: Early Retirement Factors

		Tier 1 / Tier 2						OPSRP			
		General Service			P&F			General Service		P&F	
Age at Retirement		Less than 30 years		30+ years	Less than 25 years	25+ years	30+ years	Less than 30 years	30+ years	Less than 25 years	25+ years
Years	Months	Tier 1	Tier 2								
	9	1.000	1.000	1.000	1.000	1.000	1.000	0.688	1.000	1.000	1.000
	10	1.000	1.000	1.000	1.000	1.000	1.000	0.692	1.000	1.000	1.000
	11	1.000	1.000	1.000	1.000	1.000	1.000	0.697	1.000	1.000	1.000
61	0	1.000	1.000	1.000	1.000	1.000	1.000	0.702	1.000	1.000	1.000
	1	1.000	1.000	1.000	1.000	1.000	1.000	0.707	1.000	1.000	1.000
	2	1.000	1.000	1.000	1.000	1.000	1.000	0.713	1.000	1.000	1.000
	3	1.000	1.000	1.000	1.000	1.000	1.000	0.718	1.000	1.000	1.000
	4	1.000	1.000	1.000	1.000	1.000	1.000	0.723	1.000	1.000	1.000
	5	1.000	1.000	1.000	1.000	1.000	1.000	0.729	1.000	1.000	1.000
	6	1.000	1.000	1.000	1.000	1.000	1.000	0.734	1.000	1.000	1.000
	7	1.000	1.000	1.000	1.000	1.000	1.000	0.739	1.000	1.000	1.000
	8	1.000	1.000	1.000	1.000	1.000	1.000	0.745	1.000	1.000	1.000
	9	1.000	1.000	1.000	1.000	1.000	1.000	0.750	1.000	1.000	1.000
	10	1.000	1.000	1.000	1.000	1.000	1.000	0.755	1.000	1.000	1.000
	11	1.000	1.000	1.000	1.000	1.000	1.000	0.761	1.000	1.000	1.000
62	0	1.000	1.000	1.000	1.000	1.000	1.000	0.766	1.000	1.000	1.000
	1	1.000	1.000	1.000	1.000	1.000	1.000	0.772	1.000	1.000	1.000
	2	1.000	1.000	1.000	1.000	1.000	1.000	0.778	1.000	1.000	1.000
	3	1.000	1.000	1.000	1.000	1.000	1.000	0.784	1.000	1.000	1.000
	4	1.000	1.000	1.000	1.000	1.000	1.000	0.789	1.000	1.000	1.000
	5	1.000	1.000	1.000	1.000	1.000	1.000	0.795	1.000	1.000	1.000
	6	1.000	1.000	1.000	1.000	1.000	1.000	0.801	1.000	1.000	1.000
	7	1.000	1.000	1.000	1.000	1.000	1.000	0.807	1.000	1.000	1.000
	8	1.000	1.000	1.000	1.000	1.000	1.000	0.813	1.000	1.000	1.000
	9	1.000	1.000	1.000	1.000	1.000	1.000	0.819	1.000	1.000	1.000
	10	1.000	1.000	1.000	1.000	1.000	1.000	0.824	1.000	1.000	1.000
	11	1.000	1.000	1.000	1.000	1.000	1.000	0.830	1.000	1.000	1.000
63	0	1.000	1.000	1.000	1.000	1.000	1.000	0.836	1.000	1.000	1.000
	1	1.000	1.000	1.000	1.000	1.000	1.000	0.843	1.000	1.000	1.000
	2	1.000	1.000	1.000	1.000	1.000	1.000	0.849	1.000	1.000	1.000
	3	1.000	1.000	1.000	1.000	1.000	1.000	0.856	1.000	1.000	1.000
	4	1.000	1.000	1.000	1.000	1.000	1.000	0.862	1.000	1.000	1.000
	5	1.000	1.000	1.000	1.000	1.000	1.000	0.869	1.000	1.000	1.000
	6	1.000	1.000	1.000	1.000	1.000	1.000	0.875	1.000	1.000	1.000
	7	1.000	1.000	1.000	1.000	1.000	1.000	0.882	1.000	1.000	1.000
	8	1.000	1.000	1.000	1.000	1.000	1.000	0.888	1.000	1.000	1.000
	9	1.000	1.000	1.000	1.000	1.000	1.000	0.895	1.000	1.000	1.000
	10	1.000	1.000	1.000	1.000	1.000	1.000	0.901	1.000	1.000	1.000
	11	1.000	1.000	1.000	1.000	1.000	1.000	0.908	1.000	1.000	1.000
64	0	1.000	1.000	1.000	1.000	1.000	1.000	0.914	1.000	1.000	1.000
	1	1.000	1.000	1.000	1.000	1.000	1.000	0.921	1.000	1.000	1.000
	2	1.000	1.000	1.000	1.000	1.000	1.000	0.928	1.000	1.000	1.000
	3	1.000	1.000	1.000	1.000	1.000	1.000	0.936	1.000	1.000	1.000
	4	1.000	1.000	1.000	1.000	1.000	1.000	0.943	1.000	1.000	1.000
	5	1.000	1.000	1.000	1.000	1.000	1.000	0.950	1.000	1.000	1.000
	6	1.000	1.000	1.000	1.000	1.000	1.000	0.957	1.000	1.000	1.000
	7	1.000	1.000	1.000	1.000	1.000	1.000	0.964	1.000	1.000	1.000
	8	1.000	1.000	1.000	1.000	1.000	1.000	0.971	1.000	1.000	1.000
	9	1.000	1.000	1.000	1.000	1.000	1.000	0.979	1.000	1.000	1.000
	10	1.000	1.000	1.000	1.000	1.000	1.000	0.986	1.000	1.000	1.000
	11	1.000	1.000	1.000	1.000	1.000	1.000	0.993	1.000	1.000	1.000
65	0	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 2a: Refund Annuity Conversion Factors - Option 0 - Healthy Members (Tier 1 / Tier 2 only)

(Amount of Monthly Annuity per $1,000 of Account Balance)

	Months of Attained Age at Retirement											
Age	**0**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**
15	6.06	6.06	6.06	6.06	6.06	6.06	6.07	6.07	6.07	6.07	6.07	6.07
16	6.07	6.07	6.07	6.07	6.07	6.07	6.07	6.07	6.07	6.07	6.07	6.07
17	6.07	6.07	6.07	6.07	6.07	6.07	6.07	6.07	6.07	6.07	6.07	6.07
18	6.07	6.07	6.07	6.07	6.07	6.07	6.08	6.08	6.08	6.08	6.08	6.08
19	6.08	6.08	6.08	6.08	6.08	6.08	6.08	6.08	6.08	6.08	6.08	6.08
20	6.08	6.08	6.08	6.08	6.08	6.08	6.09	6.09	6.09	6.09	6.09	6.09
21	6.09	6.09	6.09	6.09	6.09	6.09	6.09	6.09	6.09	6.09	6.09	6.09
22	6.09	6.09	6.09	6.09	6.09	6.09	6.10	6.10	6.10	6.10	6.10	6.10
23	6.10	6.10	6.10	6.10	6.10	6.10	6.11	6.11	6.11	6.11	6.11	6.11
24	6.11	6.11	6.11	6.11	6.11	6.11	6.11	6.11	6.11	6.11	6.11	6.11
25	6.11	6.11	6.11	6.11	6.11	6.11	6.12	6.12	6.12	6.12	6.12	6.12
26	6.12	6.12	6.12	6.12	6.12	6.12	6.13	6.13	6.13	6.13	6.13	6.13
27	6.13	6.13	6.13	6.13	6.13	6.13	6.14	6.14	6.14	6.14	6.14	6.14
28	6.14	6.14	6.14	6.14	6.14	6.14	6.15	6.15	6.15	6.15	6.15	6.15
29	6.15	6.15	6.15	6.15	6.15	6.15	6.16	6.16	6.16	6.16	6.16	6.16
30	6.16	6.16	6.16	6.16	6.16	6.16	6.17	6.17	6.17	6.17	6.17	6.17
31	6.17	6.17	6.17	6.17	6.17	6.17	6.18	6.18	6.18	6.18	6.18	6.18
32	6.18	6.18	6.18	6.18	6.18	6.18	6.19	6.19	6.19	6.19	6.19	6.19
33	6.19	6.19	6.19	6.19	6.19	6.19	6.20	6.20	6.20	6.20	6.20	6.20
34	6.20	6.20	6.20	6.21	6.21	6.21	6.21	6.21	6.21	6.22	6.22	6.22
35	6.22	6.22	6.22	6.22	6.22	6.22	6.23	6.23	6.23	6.23	6.23	6.23
36	6.23	6.23	6.23	6.24	6.24	6.24	6.24	6.24	6.24	6.25	6.25	6.25
37	6.25	6.25	6.25	6.25	6.25	6.25	6.26	6.26	6.26	6.26	6.26	6.26
38	6.26	6.26	6.26	6.27	6.27	6.27	6.27	6.27	6.27	6.28	6.28	6.28
39	6.28	6.28	6.28	6.29	6.29	6.29	6.29	6.29	6.29	6.30	6.30	6.30
40	6.30	6.30	6.30	6.31	6.31	6.31	6.31	6.31	6.31	6.32	6.32	6.32
41	6.32	6.32	6.32	6.33	6.33	6.33	6.33	6.33	6.33	6.34	6.34	6.34
42	6.34	6.34	6.34	6.35	6.35	6.35	6.35	6.35	6.35	6.36	6.36	6.36
43	6.36	6.36	6.37	6.37	6.37	6.37	6.38	6.38	6.38	6.38	6.39	6.39
44	6.39	6.39	6.39	6.40	6.40	6.40	6.40	6.40	6.40	6.41	6.41	6.41

Mortality Table: Blended Healthy Mortality
Interest Rate: 7.50%

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 2a: Refund Annuity Conversion Factors - Option 0 - Healthy Members (Tier 1 / Tier 2 only)

(Amount of Monthly Annuity per $1,000 of Account Balance)

	Months of Attained Age at Retirement											
Age	**0**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**
45	6.41	6.41	6.42	6.42	6.42	6.42	6.43	6.43	6.43	6.43	6.44	6.44
46	6.44	6.44	6.45	6.45	6.45	6.45	6.46	6.46	6.46	6.46	6.47	6.47
47	6.47	6.47	6.48	6.48	6.48	6.49	6.49	6.49	6.50	6.50	6.50	6.51
48	6.51	6.51	6.52	6.52	6.52	6.52	6.53	6.53	6.53	6.53	6.54	6.54
49	6.54	6.54	6.55	6.55	6.55	6.56	6.56	6.56	6.57	6.57	6.57	6.58
50	6.58	6.58	6.59	6.59	6.59	6.60	6.60	6.60	6.61	6.61	6.61	6.62
51	6.62	6.62	6.63	6.63	6.63	6.64	6.64	6.64	6.65	6.65	6.65	6.66
52	6.66	6.66	6.67	6.67	6.68	6.68	6.69	6.69	6.69	6.70	6.70	6.71
53	6.71	6.71	6.72	6.72	6.73	6.73	6.74	6.74	6.74	6.75	6.75	6.76
54	6.76	6.76	6.77	6.77	6.78	6.78	6.79	6.79	6.79	6.80	6.80	6.81
55	6.81	6.81	6.82	6.82	6.83	6.83	6.84	6.84	6.84	6.85	6.85	6.86
56	6.86	6.87	6.87	6.88	6.88	6.89	6.89	6.90	6.90	6.91	6.91	6.92
57	6.92	6.93	6.93	6.94	6.94	6.95	6.96	6.96	6.97	6.97	6.98	6.98
58	6.99	7.00	7.00	7.01	7.01	7.02	7.03	7.03	7.04	7.04	7.05	7.05
59	7.06	7.07	7.07	7.08	7.08	7.09	7.10	7.10	7.11	7.11	7.12	7.12
60	7.13	7.14	7.14	7.15	7.16	7.16	7.17	7.18	7.18	7.19	7.20	7.20
61	7.21	7.22	7.22	7.23	7.24	7.24	7.25	7.26	7.26	7.27	7.28	7.28
62	7.29	7.30	7.31	7.31	7.32	7.33	7.34	7.34	7.35	7.36	7.37	7.37
63	7.38	7.39	7.40	7.40	7.41	7.42	7.43	7.43	7.44	7.45	7.46	7.46
64	7.47	7.48	7.49	7.50	7.50	7.51	7.52	7.53	7.54	7.55	7.55	7.56
65	7.57	7.58	7.59	7.60	7.61	7.62	7.63	7.63	7.64	7.65	7.66	7.67
66	7.68	7.69	7.70	7.71	7.72	7.73	7.74	7.74	7.75	7.76	7.77	7.78
67	7.79	7.80	7.81	7.82	7.83	7.84	7.85	7.86	7.87	7.88	7.89	7.90
68	7.91	7.92	7.93	7.94	7.95	7.96	7.98	7.99	8.00	8.01	8.02	8.03
69	8.04	8.05	8.06	8.07	8.08	8.09	8.11	8.12	8.13	8.14	8.15	8.16
70	8.17	8.18	8.20	8.21	8.22	8.23	8.25	8.26	8.27	8.28	8.30	8.31
71	8.32	8.33	8.35	8.36	8.37	8.39	8.40	8.41	8.43	8.44	8.45	8.47
72	8.48	8.49	8.51	8.52	8.53	8.55	8.56	8.57	8.59	8.60	8.61	8.63
73	8.64	8.66	8.67	8.69	8.70	8.72	8.73	8.75	8.76	8.78	8.79	8.81
74	8.82	8.84	8.85	8.87	8.88	8.90	8.92	8.93	8.95	8.96	8.98	8.99

Mortality Table: Blended Healthy Mortality
Interest Rate: 7.50%

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 2a: Refund Annuity Conversion Factors - Option 0 - Healthy Members (Tier 1 / Tier 2 only)

(Amount of Monthly Annuity per $1,000 of Account Balance)

	Months of Attained Age at Retirement											
Age	**0**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**
75	9.01	9.03	9.04	9.06	9.08	9.09	9.11	9.13	9.14	9.16	9.18	9.19
76	9.21	9.23	9.25	9.27	9.28	9.30	9.32	9.34	9.36	9.38	9.39	9.41
77	9.43	9.45	9.47	9.49	9.50	9.52	9.54	9.56	9.58	9.60	9.61	9.63
78	9.65	9.67	9.69	9.71	9.73	9.75	9.78	9.80	9.82	9.84	9.86	9.88
79	9.90	9.92	9.94	9.97	9.99	10.01	10.03	10.05	10.07	10.10	10.12	10.14
80	10.16	10.18	10.21	10.23	10.26	10.28	10.31	10.33	10.35	10.38	10.40	10.43
81	10.45	10.47	10.50	10.52	10.55	10.57	10.60	10.62	10.64	10.67	10.69	10.72
82	10.74	10.77	10.79	10.82	10.85	10.87	10.90	10.93	10.95	10.98	11.01	11.03
83	11.06	11.09	11.12	11.15	11.17	11.20	11.23	11.26	11.29	11.32	11.34	11.37
84	11.40	11.43	11.46	11.49	11.52	11.55	11.59	11.62	11.65	11.68	11.71	11.74
85	11.77	11.80	11.83	11.87	11.90	11.93	11.96	11.99	12.02	12.06	12.09	12.12
86	12.15	12.18	12.22	12.25	12.28	12.31	12.35	12.38	12.41	12.44	12.48	12.51
87	12.54	12.58	12.61	12.65	12.68	12.72	12.75	12.79	12.82	12.86	12.89	12.93
88	12.96	13.00	13.04	13.08	13.11	13.15	13.19	13.23	13.27	13.31	13.34	13.38
89	13.42	13.46	13.50	13.54	13.58	13.62	13.67	13.71	13.75	13.79	13.83	13.87
90	13.91	13.95	13.99	14.03	14.07	14.11	14.15	14.19	14.23	14.27	14.31	14.35
91	14.39	14.43	14.47	14.52	14.56	14.60	14.64	14.68	14.72	14.77	14.81	14.85
92	14.89	14.93	14.98	15.02	15.07	15.11	15.16	15.20	15.24	15.29	15.33	15.38
93	15.42	15.47	15.51	15.56	15.60	15.65	15.70	15.74	15.79	15.83	15.88	15.92
94	15.97	16.02	16.07	16.11	16.16	16.21	16.26	16.30	16.35	16.40	16.45	16.49
95	16.54	16.59	16.64	16.68	16.73	16.78	16.83	16.87	16.92	16.97	17.02	17.06
96	17.11	17.16	17.21	17.26	17.31	17.36	17.41	17.45	17.50	17.55	17.60	17.65
97	17.70	17.75	17.79	17.84	17.88	17.93	17.98	18.02	18.07	18.11	18.16	18.20
98	18.25	18.30	18.34	18.39	18.43	18.48	18.53	18.57	18.62	18.66	18.71	18.75
99	18.80	18.84	18.89	18.93	18.98	19.02	19.07	19.11	19.15	19.20	19.24	19.29
100	19.33											

Mortality Table: Blended Healthy Mortality
Interest Rate: 7.50%

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 2b: Refund Annuity Conversion Factors - Option 0 - Disabled Members (Tier 1 / Tier 2 only)

(Amount of Monthly Annuity per $1,000 of Account Balance)

	Months of Attained Age at Retirement											
Age	**0**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**
15	6.56	6.56	6.56	6.56	6.56	6.56	6.56	6.56	6.56	6.56	6.56	6.56
16	6.56	6.56	6.56	6.56	6.56	6.56	6.57	6.57	6.57	6.57	6.57	6.57
17	6.57	6.57	6.57	6.57	6.57	6.57	6.57	6.57	6.57	6.57	6.57	6.57
18	6.57	6.57	6.57	6.57	6.57	6.57	6.57	6.57	6.57	6.57	6.57	6.57
19	6.57	6.57	6.57	6.57	6.57	6.57	6.58	6.58	6.58	6.58	6.58	6.58
20	6.58	6.58	6.58	6.58	6.58	6.58	6.58	6.58	6.58	6.58	6.58	6.58
21	6.58	6.58	6.58	6.58	6.58	6.58	6.59	6.59	6.59	6.59	6.59	6.59
22	6.59	6.59	6.59	6.59	6.59	6.59	6.60	6.60	6.60	6.60	6.60	6.60
23	6.60	6.60	6.60	6.60	6.60	6.60	6.60	6.60	6.60	6.60	6.60	6.60
24	6.60	6.60	6.60	6.60	6.60	6.60	6.61	6.61	6.61	6.61	6.61	6.61
25	6.61	6.61	6.61	6.61	6.61	6.61	6.62	6.62	6.62	6.62	6.62	6.62
26	6.62	6.62	6.62	6.62	6.62	6.62	6.63	6.63	6.63	6.63	6.63	6.63
27	6.63	6.63	6.63	6.63	6.63	6.63	6.64	6.64	6.64	6.64	6.64	6.64
28	6.64	6.64	6.64	6.64	6.64	6.64	6.65	6.65	6.65	6.65	6.65	6.65
29	6.65	6.65	6.65	6.65	6.65	6.65	6.66	6.66	6.66	6.66	6.66	6.66
30	6.66	6.66	6.66	6.67	6.67	6.67	6.67	6.67	6.67	6.68	6.68	6.68
31	6.68	6.68	6.68	6.68	6.68	6.68	6.69	6.69	6.69	6.69	6.69	6.69
32	6.69	6.69	6.69	6.70	6.70	6.70	6.70	6.70	6.70	6.71	6.71	6.71
33	6.71	6.71	6.71	6.71	6.71	6.71	6.72	6.72	6.72	6.72	6.72	6.72
34	6.72	6.72	6.72	6.73	6.73	6.73	6.73	6.73	6.73	6.74	6.74	6.74
35	6.74	6.74	6.75	6.75	6.75	6.75	6.76	6.76	6.76	6.76	6.77	6.77
36	6.77	6.77	6.77	6.78	6.78	6.78	6.78	6.78	6.78	6.79	6.79	6.79
37	6.79	6.79	6.79	6.80	6.80	6.80	6.80	6.80	6.80	6.81	6.81	6.81
38	6.81	6.81	6.82	6.82	6.82	6.82	6.83	6.83	6.83	6.83	6.84	6.84
39	6.84	6.84	6.84	6.85	6.85	6.85	6.85	6.85	6.85	6.86	6.86	6.86
40	6.86	6.86	6.87	6.87	6.87	6.87	6.88	6.88	6.88	6.88	6.89	6.89
41	6.89	6.89	6.90	6.90	6.90	6.90	6.91	6.91	6.91	6.91	6.92	6.92
42	6.92	6.92	6.93	6.93	6.93	6.93	6.94	6.94	6.94	6.94	6.95	6.95
43	6.95	6.95	6.96	6.96	6.96	6.96	6.97	6.97	6.97	6.97	6.98	6.98
44	6.98	6.98	6.99	6.99	6.99	7.00	7.00	7.00	7.01	7.01	7.01	7.02

Mortality Table: Blended Disabled Mortality
Interest Rate: 7.50%

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 2b: Refund Annuity Conversion Factors - Option 0 - Disabled Members (Tier 1 / Tier 2 only)

(Amount of Monthly Annuity per $1,000 of Account Balance)

	Months of Attained Age at Retirement											
Age	**0**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**
45	7.02	7.02	7.03	7.03	7.03	7.03	7.04	7.04	7.04	7.04	7.05	7.05
46	7.05	7.05	7.06	7.06	7.06	7.07	7.07	7.07	7.08	7.08	7.08	7.09
47	7.09	7.09	7.10	7.10	7.10	7.10	7.11	7.11	7.11	7.11	7.12	7.12
48	7.12	7.12	7.13	7.13	7.13	7.14	7.14	7.14	7.15	7.15	7.15	7.16
49	7.16	7.16	7.17	7.17	7.17	7.18	7.18	7.18	7.19	7.19	7.19	7.20
50	7.20	7.20	7.21	7.21	7.21	7.22	7.22	7.22	7.23	7.23	7.23	7.24
51	7.24	7.24	7.25	7.25	7.26	7.26	7.27	7.27	7.27	7.28	7.28	7.29
52	7.29	7.29	7.30	7.30	7.30	7.31	7.31	7.31	7.32	7.32	7.32	7.33
53	7.33	7.33	7.34	7.34	7.35	7.35	7.36	7.36	7.36	7.37	7.37	7.38
54	7.38	7.38	7.39	7.39	7.40	7.40	7.41	7.41	7.41	7.42	7.42	7.43
55	7.43	7.44	7.44	7.45	7.45	7.46	7.46	7.47	7.47	7.48	7.48	7.49
56	7.49	7.49	7.50	7.50	7.51	7.51	7.52	7.52	7.52	7.53	7.53	7.54
57	7.54	7.55	7.55	7.56	7.56	7.57	7.58	7.58	7.59	7.59	7.60	7.60
58	7.61	7.62	7.62	7.63	7.63	7.64	7.64	7.65	7.65	7.66	7.66	7.67
59	7.67	7.68	7.68	7.69	7.69	7.70	7.71	7.71	7.72	7.72	7.73	7.73
60	7.74	7.75	7.75	7.76	7.77	7.77	7.78	7.79	7.79	7.80	7.81	7.81
61	7.82	7.83	7.83	7.84	7.85	7.85	7.86	7.87	7.87	7.88	7.89	7.89
62	7.90	7.91	7.91	7.92	7.93	7.93	7.94	7.95	7.95	7.96	7.97	7.97
63	7.98	7.99	8.00	8.00	8.01	8.02	8.03	8.03	8.04	8.05	8.06	8.06
64	8.07	8.08	8.09	8.10	8.10	8.11	8.12	8.13	8.14	8.15	8.15	8.16
65	8.17	8.18	8.19	8.20	8.20	8.21	8.22	8.23	8.24	8.25	8.25	8.26
66	8.27	8.28	8.29	8.30	8.31	8.32	8.33	8.33	8.34	8.35	8.36	8.37
67	8.38	8.39	8.40	8.41	8.42	8.43	8.44	8.45	8.46	8.47	8.48	8.49
68	8.50	8.51	8.52	8.53	8.54	8.55	8.56	8.57	8.58	8.59	8.60	8.61
69	8.62	8.63	8.64	8.65	8.66	8.67	8.68	8.69	8.70	8.71	8.72	8.73
70	8.74	8.75	8.76	8.78	8.79	8.80	8.81	8.82	8.83	8.85	8.86	8.87
71	8.88	8.89	8.90	8.92	8.93	8.94	8.95	8.96	8.97	8.99	9.00	9.01
72	9.02	9.03	9.05	9.06	9.07	9.09	9.10	9.11	9.13	9.14	9.15	9.17
73	9.18	9.19	9.21	9.22	9.23	9.25	9.26	9.27	9.29	9.30	9.31	9.33
74	9.34	9.35	9.37	9.38	9.40	9.41	9.43	9.44	9.45	9.47	9.48	9.50

Mortality Table: Blended Disabled Mortality
Interest Rate: 7.50%

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 2b: Refund Annuity Conversion Factors - Option 0 - Disabled Members (Tier 1 / Tier 2 only)

(Amount of Monthly Annuity per $1,000 of Account Balance)

	Months of Attained Age at Retirement											
Age	**0**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**
75	9.51	9.53	9.54	9.56	9.57	9.59	9.60	9.62	9.63	9.65	9.66	9.68
76	9.69	9.71	9.72	9.74	9.76	9.77	9.79	9.81	9.82	9.84	9.86	9.87
77	9.89	9.91	9.93	9.94	9.96	9.98	10.00	10.01	10.03	10.05	10.07	10.08
78	10.10	10.12	10.14	10.16	10.17	10.19	10.21	10.23	10.25	10.27	10.28	10.30
79	10.32	10.34	10.36	10.38	10.40	10.42	10.44	10.46	10.48	10.50	10.52	10.54
80	10.56	10.58	10.60	10.63	10.65	10.67	10.69	10.71	10.73	10.76	10.78	10.80
81	10.82	10.84	10.87	10.89	10.91	10.94	10.96	10.98	11.01	11.03	11.05	11.08
82	11.10	11.13	11.15	11.18	11.20	11.23	11.25	11.28	11.30	11.33	11.35	11.38
83	11.40	11.43	11.45	11.48	11.51	11.53	11.56	11.59	11.61	11.64	11.67	11.69
84	11.72	11.75	11.78	11.81	11.83	11.86	11.89	11.92	11.95	11.98	12.00	12.03
85	12.06	12.09	12.12	12.15	12.18	12.21	12.24	12.27	12.30	12.33	12.36	12.39
86	12.42	12.45	12.49	12.52	12.55	12.58	12.62	12.65	12.68	12.71	12.75	12.78
87	12.81	12.85	12.88	12.92	12.95	12.99	13.02	13.06	13.09	13.13	13.16	13.20
88	13.23	13.27	13.31	13.34	13.38	13.42	13.46	13.49	13.53	13.57	13.61	13.64
89	13.68	13.72	13.76	13.80	13.84	13.88	13.92	13.95	13.99	14.03	14.07	14.11
90	14.15	14.19	14.23	14.27	14.31	14.35	14.39	14.43	14.47	14.51	14.55	14.59
91	14.63	14.67	14.72	14.76	14.80	14.84	14.89	14.93	14.97	15.01	15.06	15.10
92	15.14	15.19	15.23	15.28	15.32	15.37	15.41	15.46	15.50	15.55	15.59	15.64
93	15.68	15.73	15.77	15.82	15.87	15.91	15.96	16.01	16.05	16.10	16.15	16.19
94	16.24	16.29	16.33	16.38	16.43	16.47	16.52	16.57	16.61	16.66	16.71	16.75
95	16.80	16.85	16.90	16.95	17.00	17.05	17.10	17.15	17.20	17.25	17.30	17.35
96	17.40	17.45	17.50	17.55	17.60	17.65	17.70	17.75	17.80	17.85	17.90	17.95
97	18.00	18.05	18.09	18.14	18.18	18.23	18.28	18.32	18.37	18.41	18.46	18.50
98	18.55	18.60	18.64	18.69	18.73	18.78	18.82	18.87	18.91	18.96	19.00	19.05
99	19.09	19.14	19.18	19.23	19.27	19.32	19.37	19.41	19.46	19.50	19.55	19.59
100	19.64											

Mortality Table: Blended Disabled Mortality
Interest Rate: 7.50%

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 3a: Non-Refund Annuity Conversion Factors - Option 1 - Healthy Members (Tier 1 / Tier 2 only)

(Amount of Monthly Annuity per $1,000 of Account Balance)

	Months of Attained Age at Retirement											
Age	**0**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**
15	6.07	6.07	6.07	6.07	6.07	6.07	6.08	6.08	6.08	6.08	6.08	6.08
16	6.08	6.08	6.08	6.08	6.08	6.08	6.08	6.08	6.08	6.08	6.08	6.08
17	6.08	6.08	6.08	6.08	6.08	6.08	6.08	6.08	6.08	6.08	6.08	6.08
18	6.08	6.08	6.08	6.08	6.08	6.08	6.09	6.09	6.09	6.09	6.09	6.09
19	6.09	6.09	6.09	6.09	6.09	6.09	6.09	6.09	6.09	6.09	6.09	6.09
20	6.09	6.09	6.09	6.09	6.09	6.09	6.10	6.10	6.10	6.10	6.10	6.10
21	6.10	6.10	6.10	6.10	6.10	6.10	6.11	6.11	6.11	6.11	6.11	6.11
22	6.11	6.11	6.11	6.11	6.11	6.11	6.11	6.11	6.11	6.11	6.11	6.11
23	6.11	6.11	6.11	6.11	6.11	6.11	6.12	6.12	6.12	6.12	6.12	6.12
24	6.12	6.12	6.12	6.12	6.12	6.12	6.13	6.13	6.13	6.13	6.13	6.13
25	6.13	6.13	6.13	6.13	6.13	6.13	6.13	6.13	6.13	6.13	6.13	6.13
26	6.13	6.13	6.13	6.13	6.13	6.13	6.14	6.14	6.14	6.14	6.14	6.14
27	6.14	6.14	6.14	6.14	6.14	6.14	6.15	6.15	6.15	6.15	6.15	6.15
28	6.15	6.15	6.15	6.15	6.15	6.15	6.16	6.16	6.16	6.16	6.16	6.16
29	6.16	6.16	6.16	6.16	6.16	6.16	6.17	6.17	6.17	6.17	6.17	6.17
30	6.17	6.17	6.17	6.17	6.17	6.17	6.18	6.18	6.18	6.18	6.18	6.18
31	6.18	6.18	6.18	6.19	6.19	6.19	6.19	6.19	6.19	6.20	6.20	6.20
32	6.20	6.20	6.20	6.20	6.20	6.20	6.21	6.21	6.21	6.21	6.21	6.21
33	6.21	6.21	6.21	6.21	6.21	6.21	6.22	6.22	6.22	6.22	6.22	6.22
34	6.22	6.22	6.22	6.23	6.23	6.23	6.23	6.23	6.23	6.24	6.24	6.24
35	6.24	6.24	6.24	6.25	6.25	6.25	6.25	6.25	6.25	6.26	6.26	6.26
36	6.26	6.26	6.26	6.26	6.26	6.26	6.27	6.27	6.27	6.27	6.27	6.27
37	6.27	6.27	6.27	6.28	6.28	6.28	6.28	6.28	6.28	6.29	6.29	6.29
38	6.29	6.29	6.29	6.30	6.30	6.30	6.30	6.30	6.30	6.31	6.31	6.31
39	6.31	6.31	6.31	6.32	6.32	6.32	6.32	6.32	6.32	6.33	6.33	6.33
40	6.33	6.33	6.34	6.34	6.34	6.34	6.35	6.35	6.35	6.35	6.36	6.36
41	6.36	6.36	6.36	6.37	6.37	6.37	6.37	6.37	6.37	6.38	6.38	6.38
42	6.38	6.38	6.39	6.39	6.39	6.39	6.40	6.40	6.40	6.40	6.41	6.41
43	6.41	6.41	6.42	6.42	6.42	6.42	6.43	6.43	6.43	6.43	6.44	6.44
44	6.44	6.44	6.45	6.45	6.45	6.45	6.46	6.46	6.46	6.46	6.47	6.47

Mortality Table: Blended Healthy Mortality
Interest Rate: 7.50%

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 3a: Non-Refund Annuity Conversion Factors - Option 1 - Healthy Members (Tier 1 / Tier 2 only)

(Amount of Monthly Annuity per $1,000 of Account Balance)

	Months of Attained Age at Retirement											
Age	**0**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**
45	6.47	6.47	6.48	6.48	6.48	6.48	6.49	6.49	6.49	6.49	6.50	6.50
46	6.50	6.50	6.51	6.51	6.51	6.51	6.52	6.52	6.52	6.52	6.53	6.53
47	6.53	6.53	6.54	6.54	6.54	6.55	6.55	6.55	6.56	6.56	6.56	6.57
48	6.57	6.57	6.58	6.58	6.58	6.59	6.59	6.59	6.60	6.60	6.60	6.61
49	6.61	6.61	6.62	6.62	6.63	6.63	6.64	6.64	6.64	6.65	6.65	6.66
50	6.66	6.66	6.67	6.67	6.67	6.68	6.68	6.68	6.69	6.69	6.69	6.70
51	6.70	6.70	6.71	6.71	6.72	6.72	6.73	6.73	6.73	6.74	6.74	6.75
52	6.75	6.76	6.76	6.77	6.77	6.78	6.78	6.79	6.79	6.80	6.80	6.81
53	6.81	6.82	6.82	6.83	6.83	6.84	6.84	6.85	6.85	6.86	6.86	6.87
54	6.87	6.88	6.88	6.89	6.89	6.90	6.90	6.91	6.91	6.92	6.92	6.93
55	6.93	6.94	6.94	6.95	6.95	6.96	6.97	6.97	6.98	6.98	6.99	6.99
56	7.00	7.01	7.01	7.02	7.03	7.03	7.04	7.05	7.05	7.06	7.07	7.07
57	7.08	7.09	7.09	7.10	7.11	7.11	7.12	7.13	7.13	7.14	7.15	7.15
58	7.16	7.17	7.18	7.18	7.19	7.20	7.21	7.21	7.22	7.23	7.24	7.24
59	7.25	7.26	7.27	7.27	7.28	7.29	7.30	7.30	7.31	7.32	7.33	7.33
60	7.34	7.35	7.36	7.37	7.37	7.38	7.39	7.40	7.41	7.42	7.42	7.43
61	7.44	7.45	7.46	7.47	7.48	7.49	7.50	7.50	7.51	7.52	7.53	7.54
62	7.55	7.56	7.57	7.58	7.59	7.60	7.61	7.62	7.63	7.64	7.65	7.66
63	7.67	7.68	7.69	7.70	7.71	7.72	7.74	7.75	7.76	7.77	7.78	7.79
64	7.80	7.81	7.82	7.84	7.85	7.86	7.87	7.88	7.89	7.91	7.92	7.93
65	7.94	7.95	7.97	7.98	7.99	8.00	8.02	8.03	8.04	8.05	8.07	8.08
66	8.09	8.10	8.12	8.13	8.14	8.15	8.17	8.18	8.19	8.20	8.22	8.23
67	8.24	8.26	8.27	8.29	8.30	8.32	8.33	8.35	8.36	8.38	8.39	8.41
68	8.42	8.44	8.45	8.47	8.48	8.50	8.51	8.53	8.54	8.56	8.57	8.59
69	8.60	8.62	8.63	8.65	8.67	8.68	8.70	8.72	8.73	8.75	8.77	8.78
70	8.80	8.82	8.84	8.86	8.87	8.89	8.91	8.93	8.95	8.97	8.98	9.00
71	9.02	9.04	9.06	9.08	9.10	9.12	9.14	9.15	9.17	9.19	9.21	9.23
72	9.25	9.27	9.29	9.31	9.33	9.35	9.38	9.40	9.42	9.44	9.46	9.48
73	9.50	9.52	9.55	9.57	9.59	9.62	9.64	9.66	9.69	9.71	9.73	9.76
74	9.78	9.81	9.83	9.86	9.88	9.91	9.93	9.96	9.98	10.01	10.03	10.06

Mortality Table: Blended Healthy Mortality
Interest Rate: 7.50%

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 3a: Non-Refund Annuity Conversion Factors - Option 1 - Healthy Members (Tier 1 / Tier 2 only)

(Amount of Monthly Annuity per $1,000 of Account Balance)

	Months of Attained Age at Retirement											
Age	**0**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**
75	10.08	10.11	10.13	10.16	10.19	10.21	10.24	10.27	10.29	10.32	10.35	10.37
76	10.40	10.43	10.46	10.49	10.52	10.55	10.58	10.60	10.63	10.66	10.69	10.72
77	10.75	10.78	10.82	10.85	10.88	10.91	10.95	10.98	11.01	11.04	11.08	11.11
78	11.14	11.17	11.21	11.24	11.28	11.31	11.35	11.38	11.41	11.45	11.48	11.52
79	11.55	11.59	11.63	11.67	11.70	11.74	11.78	11.82	11.86	11.90	11.93	11.97
80	12.01	12.05	12.09	12.14	12.18	12.22	12.26	12.30	12.34	12.39	12.43	12.47
81	12.51	12.56	12.60	12.65	12.69	12.74	12.79	12.83	12.88	12.92	12.97	13.01
82	13.06	13.11	13.16	13.21	13.26	13.31	13.36	13.41	13.46	13.51	13.56	13.61
83	13.66	13.72	13.77	13.83	13.88	13.94	13.99	14.05	14.10	14.16	14.21	14.27
84	14.32	14.38	14.44	14.50	14.56	14.62	14.68	14.74	14.80	14.86	14.92	14.98
85	15.04	15.11	15.17	15.24	15.30	15.37	15.44	15.50	15.57	15.63	15.70	15.76
86	15.83	15.90	15.97	16.05	16.12	16.19	16.26	16.33	16.40	16.48	16.55	16.62
87	16.69	16.77	16.85	16.93	17.01	17.09	17.17	17.25	17.33	17.41	17.49	17.57
88	17.65	17.74	17.82	17.91	17.99	18.08	18.17	18.25	18.34	18.42	18.51	18.59
89	18.68	18.77	18.87	18.96	19.05	19.15	19.24	19.33	19.43	19.52	19.61	19.71
90	19.80	19.90	20.00	20.10	20.20	20.30	20.40	20.49	20.59	20.69	20.79	20.89
91	20.99	21.09	21.20	21.30	21.41	21.51	21.62	21.72	21.82	21.93	22.03	22.14
92	22.24	22.35	22.46	22.57	22.67	22.78	22.89	23.00	23.11	23.22	23.32	23.43
93	23.54	23.65	23.77	23.88	23.99	24.10	24.22	24.33	24.44	24.55	24.67	24.78
94	24.89	25.01	25.12	25.24	25.35	25.47	25.59	25.70	25.82	25.93	26.05	26.16
95	26.28	26.40	26.52	26.64	26.75	26.87	26.99	27.11	27.23	27.35	27.46	27.58
96	27.70	27.82	27.93	28.05	28.16	28.28	28.39	28.51	28.62	28.74	28.85	28.97
97	29.08	29.19	29.29	29.40	29.51	29.61	29.72	29.83	29.93	30.04	30.15	30.25
98	30.36	30.47	30.57	30.68	30.78	30.89	30.99	31.10	31.20	31.31	31.41	31.52
99	31.62	31.72	31.83	31.93	32.04	32.14	32.25	32.35	32.45	32.56	32.66	32.77
100	32.87											

Mortality Table: Blended Healthy Mortality
Interest Rate: 7.50%

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 3b: Non-Refund Annuity Conversion Factors - Option 1 - Disabled Members (Tier 1 / Tier 2 only)

(Amount of Monthly Annuity per $1,000 of Account Balance)

	Months of Attained Age at Retirement											
Age	**0**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**
15	6.90	6.90	6.90	6.90	6.90	6.90	6.91	6.91	6.91	6.91	6.91	6.91
16	6.91	6.91	6.91	6.91	6.91	6.91	6.91	6.91	6.91	6.91	6.91	6.91
17	6.91	6.91	6.91	6.91	6.91	6.91	6.91	6.91	6.91	6.91	6.91	6.91
18	6.91	6.91	6.91	6.91	6.91	6.91	6.91	6.91	6.91	6.91	6.91	6.91
19	6.91	6.91	6.91	6.91	6.91	6.91	6.91	6.91	6.91	6.91	6.91	6.91
20	6.91	6.91	6.91	6.91	6.91	6.91	6.91	6.91	6.91	6.91	6.91	6.91
21	6.91	6.91	6.91	6.91	6.91	6.91	6.92	6.92	6.92	6.92	6.92	6.92
22	6.92	6.92	6.92	6.92	6.92	6.92	6.93	6.93	6.93	6.93	6.93	6.93
23	6.93	6.93	6.93	6.93	6.93	6.93	6.93	6.93	6.93	6.93	6.93	6.93
24	6.93	6.93	6.93	6.93	6.93	6.93	6.94	6.94	6.94	6.94	6.94	6.94
25	6.94	6.94	6.94	6.94	6.94	6.94	6.95	6.95	6.95	6.95	6.95	6.95
26	6.95	6.95	6.95	6.95	6.95	6.95	6.96	6.96	6.96	6.96	6.96	6.96
27	6.96	6.96	6.96	6.96	6.96	6.96	6.97	6.97	6.97	6.97	6.97	6.97
28	6.97	6.97	6.97	6.97	6.97	6.97	6.98	6.98	6.98	6.98	6.98	6.98
29	6.98	6.98	6.98	6.99	6.99	6.99	6.99	6.99	6.99	7.00	7.00	7.00
30	7.00	7.00	7.00	7.00	7.00	7.00	7.01	7.01	7.01	7.01	7.01	7.01
31	7.01	7.01	7.01	7.01	7.01	7.01	7.02	7.02	7.02	7.02	7.02	7.02
32	7.02	7.02	7.02	7.03	7.03	7.03	7.03	7.03	7.03	7.04	7.04	7.04
33	7.04	7.04	7.04	7.05	7.05	7.05	7.05	7.05	7.05	7.06	7.06	7.06
34	7.06	7.06	7.06	7.07	7.07	7.07	7.07	7.07	7.07	7.08	7.08	7.08
35	7.08	7.08	7.08	7.09	7.09	7.09	7.09	7.09	7.09	7.10	7.10	7.10
36	7.10	7.10	7.11	7.11	7.11	7.11	7.12	7.12	7.12	7.12	7.13	7.13
37	7.13	7.13	7.13	7.14	7.14	7.14	7.14	7.14	7.14	7.15	7.15	7.15
38	7.15	7.15	7.16	7.16	7.16	7.16	7.17	7.17	7.17	7.17	7.18	7.18
39	7.18	7.18	7.19	7.19	7.19	7.20	7.20	7.20	7.21	7.21	7.21	7.22
40	7.22	7.22	7.23	7.23	7.23	7.23	7.24	7.24	7.24	7.24	7.25	7.25
41	7.25	7.25	7.26	7.26	7.26	7.27	7.27	7.27	7.28	7.28	7.28	7.29
42	7.29	7.29	7.30	7.30	7.31	7.31	7.32	7.32	7.32	7.33	7.33	7.34
43	7.34	7.34	7.35	7.35	7.36	7.36	7.37	7.37	7.37	7.38	7.38	7.39
44	7.39	7.39	7.40	7.40	7.41	7.41	7.42	7.42	7.42	7.43	7.43	7.44

Mortality Table: Blended Disabled Mortality
Interest Rate: 7.50%

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 3b: Non-Refund Annuity Conversion Factors - Option 1 - Disabled Members (Tier 1 / Tier 2 only)

(Amount of Monthly Annuity per $1,000 of Account Balance)

	Months of Attained Age at Retirement											
Age	**0**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**
45	7.44	7.45	7.45	7.46	7.46	7.47	7.48	7.48	7.49	7.49	7.50	7.50
46	7.51	7.52	7.52	7.53	7.53	7.54	7.54	7.55	7.55	7.56	7.56	7.57
47	7.57	7.58	7.58	7.59	7.59	7.60	7.60	7.61	7.61	7.62	7.62	7.63
48	7.63	7.64	7.64	7.65	7.65	7.66	7.67	7.67	7.68	7.68	7.69	7.69
49	7.70	7.71	7.71	7.72	7.72	7.73	7.73	7.74	7.74	7.75	7.75	7.76
50	7.76	7.77	7.77	7.78	7.78	7.79	7.80	7.80	7.81	7.81	7.82	7.82
51	7.83	7.84	7.84	7.85	7.85	7.86	7.86	7.87	7.87	7.88	7.88	7.89
52	7.89	7.90	7.90	7.91	7.91	7.92	7.93	7.93	7.94	7.94	7.95	7.95
53	7.96	7.97	7.97	7.98	7.98	7.99	8.00	8.00	8.01	8.01	8.02	8.02
54	8.03	8.04	8.04	8.05	8.05	8.06	8.07	8.07	8.08	8.08	8.09	8.09
55	8.10	8.11	8.11	8.12	8.13	8.13	8.14	8.15	8.15	8.16	8.17	8.17
56	8.18	8.19	8.19	8.20	8.20	8.21	8.22	8.22	8.23	8.23	8.24	8.24
57	8.25	8.26	8.27	8.27	8.28	8.29	8.30	8.30	8.31	8.32	8.33	8.33
58	8.34	8.35	8.36	8.36	8.37	8.38	8.39	8.39	8.40	8.41	8.42	8.42
59	8.43	8.44	8.45	8.45	8.46	8.47	8.48	8.48	8.49	8.50	8.51	8.51
60	8.52	8.53	8.54	8.55	8.55	8.56	8.57	8.58	8.59	8.60	8.60	8.61
61	8.62	8.63	8.64	8.65	8.66	8.67	8.68	8.69	8.70	8.71	8.72	8.73
62	8.74	8.75	8.76	8.77	8.78	8.79	8.80	8.81	8.82	8.83	8.84	8.85
63	8.86	8.87	8.88	8.89	8.90	8.91	8.93	8.94	8.95	8.96	8.97	8.98
64	8.99	9.00	9.02	9.03	9.04	9.05	9.07	9.08	9.09	9.10	9.12	9.13
65	9.14	9.15	9.17	9.18	9.19	9.20	9.22	9.23	9.24	9.25	9.27	9.28
66	9.29	9.30	9.32	9.33	9.35	9.36	9.38	9.39	9.40	9.42	9.43	9.45
67	9.46	9.48	9.49	9.51	9.52	9.54	9.55	9.57	9.58	9.60	9.61	9.63
68	9.64	9.66	9.67	9.69	9.70	9.72	9.74	9.75	9.77	9.78	9.80	9.81
69	9.83	9.85	9.87	9.88	9.90	9.92	9.94	9.95	9.97	9.99	10.01	10.02
70	10.04	10.06	10.08	10.10	10.11	10.13	10.15	10.17	10.19	10.21	10.22	10.24
71	10.26	10.28	10.30	10.32	10.34	10.36	10.38	10.40	10.42	10.44	10.46	10.48
72	10.50	10.52	10.54	10.56	10.58	10.60	10.63	10.65	10.67	10.69	10.71	10.73
73	10.75	10.77	10.80	10.82	10.84	10.86	10.89	10.91	10.93	10.95	10.98	11.00
74	11.02	11.04	11.07	11.09	11.12	11.14	11.17	11.19	11.21	11.24	11.26	11.29

Mortality Table: Blended Disabled Mortality
Interest Rate: 7.50%

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 3b: Non-Refund Annuity Conversion Factors - Option 1 - Disabled Members (Tier 1 / Tier 2 only)

(Amount of Monthly Annuity per $1,000 of Account Balance)

	Months of Attained Age at Retirement											
Age	**0**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**
75	11.31	11.34	11.36	11.39	11.41	11.44	11.47	11.49	11.52	11.54	11.57	11.59
76	11.62	11.65	11.67	11.70	11.73	11.75	11.78	11.81	11.83	11.86	11.89	11.91
77	11.94	11.97	12.00	12.03	12.06	12.09	12.12	12.14	12.17	12.20	12.23	12.26
78	12.29	12.32	12.35	12.39	12.42	12.45	12.48	12.51	12.54	12.58	12.61	12.64
79	12.67	12.70	12.74	12.77	12.81	12.84	12.88	12.91	12.94	12.98	13.01	13.05
80	13.08	13.12	13.15	13.19	13.23	13.26	13.30	13.34	13.37	13.41	13.45	13.48
81	13.52	13.56	13.60	13.64	13.68	13.72	13.76	13.80	13.84	13.88	13.92	13.96
82	14.00	14.04	14.09	14.13	14.18	14.22	14.27	14.31	14.35	14.40	14.44	14.49
83	14.53	14.58	14.63	14.68	14.72	14.77	14.82	14.87	14.92	14.97	15.01	15.06
84	15.11	15.17	15.22	15.28	15.33	15.39	15.44	15.50	15.55	15.61	15.66	15.72
85	15.77	15.83	15.90	15.96	16.02	16.08	16.15	16.21	16.27	16.33	16.40	16.46
86	16.52	16.59	16.66	16.73	16.80	16.87	16.94	17.00	17.07	17.14	17.21	17.28
87	17.35	17.43	17.51	17.58	17.66	17.74	17.82	17.89	17.97	18.05	18.13	18.20
88	18.28	18.36	18.45	18.53	18.62	18.70	18.79	18.87	18.95	19.04	19.12	19.21
89	19.29	19.38	19.48	19.57	19.66	19.75	19.85	19.94	20.03	20.12	20.22	20.31
90	20.40	20.50	20.60	20.70	20.79	20.89	20.99	21.09	21.19	21.29	21.38	21.48
91	21.58	21.69	21.79	21.90	22.00	22.11	22.21	22.32	22.42	22.53	22.63	22.74
92	22.84	22.95	23.06	23.17	23.28	23.39	23.50	23.61	23.72	23.83	23.94	24.05
93	24.16	24.27	24.39	24.50	24.62	24.73	24.85	24.96	25.07	25.19	25.30	25.42
94	25.53	25.65	25.77	25.88	26.00	26.12	26.24	26.35	26.47	26.59	26.71	26.82
95	26.94	27.06	27.18	27.31	27.43	27.55	27.67	27.79	27.91	28.04	28.16	28.28
96	28.40	28.51	28.63	28.74	28.86	28.97	29.09	29.20	29.31	29.43	29.54	29.66
97	29.77	29.87	29.98	30.08	30.19	30.29	30.40	30.50	30.60	30.71	30.81	30.92
98	31.02	31.12	31.23	31.33	31.43	31.54	31.64	31.74	31.85	31.95	32.05	32.16
99	32.26	32.37	32.47	32.58	32.69	32.79	32.90	33.01	33.11	33.22	33.33	33.43
100	33.54											

Mortality Table: Blended Disabled Mortality
Interest Rate: 7.50%

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 4a: 15-Year Certain and Life Annuity Conversion Factors - Option 4 - Healthy Members (Tier 1 / Tier 2 only)

(Amount of Monthly Annuity per $1,000 of Account Balance)

	Months of Attained Age at Retirement											
Age	**0**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**
15	6.07	6.07	6.07	6.07	6.07	6.07	6.07	6.07	6.07	6.07	6.07	6.07
16	6.07	6.07	6.07	6.07	6.07	6.07	6.07	6.07	6.07	6.07	6.07	6.07
17	6.07	6.07	6.07	6.07	6.07	6.07	6.08	6.08	6.08	6.08	6.08	6.08
18	6.08	6.08	6.08	6.08	6.08	6.08	6.08	6.08	6.08	6.08	6.08	6.08
19	6.08	6.08	6.08	6.08	6.08	6.08	6.09	6.09	6.09	6.09	6.09	6.09
20	6.09	6.09	6.09	6.09	6.09	6.09	6.09	6.09	6.09	6.09	6.09	6.09
21	6.09	6.09	6.09	6.09	6.09	6.09	6.10	6.10	6.10	6.10	6.10	6.10
22	6.10	6.10	6.10	6.10	6.10	6.10	6.10	6.10	6.10	6.10	6.10	6.10
23	6.10	6.10	6.10	6.10	6.10	6.10	6.11	6.11	6.11	6.11	6.11	6.11
24	6.11	6.11	6.11	6.11	6.11	6.11	6.12	6.12	6.12	6.12	6.12	6.12
25	6.12	6.12	6.12	6.12	6.12	6.12	6.13	6.13	6.13	6.13	6.13	6.13
26	6.13	6.13	6.13	6.13	6.13	6.13	6.13	6.13	6.13	6.13	6.13	6.13
27	6.13	6.13	6.13	6.13	6.13	6.13	6.14	6.14	6.14	6.14	6.14	6.14
28	6.14	6.14	6.14	6.14	6.14	6.14	6.15	6.15	6.15	6.15	6.15	6.15
29	6.15	6.15	6.15	6.15	6.15	6.15	6.16	6.16	6.16	6.16	6.16	6.16
30	6.16	6.16	6.16	6.16	6.16	6.16	6.17	6.17	6.17	6.17	6.17	6.17
31	6.17	6.17	6.17	6.17	6.17	6.17	6.18	6.18	6.18	6.18	6.18	6.18
32	6.18	6.18	6.18	6.19	6.19	6.19	6.19	6.19	6.19	6.20	6.20	6.20
33	6.20	6.20	6.20	6.20	6.20	6.20	6.21	6.21	6.21	6.21	6.21	6.21
34	6.21	6.21	6.21	6.21	6.21	6.21	6.22	6.22	6.22	6.22	6.22	6.22
35	6.22	6.22	6.22	6.23	6.23	6.23	6.23	6.23	6.23	6.24	6.24	6.24
36	6.24	6.24	6.24	6.24	6.24	6.24	6.25	6.25	6.25	6.25	6.25	6.25
37	6.25	6.25	6.25	6.26	6.26	6.26	6.26	6.26	6.26	6.27	6.27	6.27
38	6.27	6.27	6.27	6.28	6.28	6.28	6.28	6.28	6.28	6.29	6.29	6.29
39	6.29	6.29	6.29	6.29	6.29	6.29	6.30	6.30	6.30	6.30	6.30	6.30
40	6.30	6.30	6.31	6.31	6.31	6.31	6.32	6.32	6.32	6.32	6.33	6.33
41	6.33	6.33	6.33	6.34	6.34	6.34	6.34	6.34	6.34	6.35	6.35	6.35
42	6.35	6.35	6.35	6.36	6.36	6.36	6.36	6.36	6.36	6.37	6.37	6.37
43	6.37	6.37	6.37	6.38	6.38	6.38	6.38	6.38	6.38	6.39	6.39	6.39
44	6.39	6.39	6.40	6.40	6.40	6.40	6.41	6.41	6.41	6.41	6.42	6.42

Mortality Table: Blended Healthy Mortality
Interest Rate: 7.50%

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 4a: 15-Year Certain and Life Annuity Conversion Factors - Option 4 - Healthy Members (Tier 1 / Tier 2 only)

(Amount of Monthly Annuity per $1,000 of Account Balance)

	Months of Attained Age at Retirement											
Age	**0**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**
45	6.42	6.42	6.43	6.43	6.43	6.43	6.44	6.44	6.44	6.44	6.45	6.45
46	6.45	6.45	6.46	6.46	6.46	6.46	6.47	6.47	6.47	6.47	6.48	6.48
47	6.48	6.48	6.49	6.49	6.49	6.49	6.50	6.50	6.50	6.50	6.51	6.51
48	6.51	6.51	6.52	6.52	6.52	6.53	6.53	6.53	6.54	6.54	6.54	6.55
49	6.55	6.55	6.56	6.56	6.56	6.56	6.57	6.57	6.57	6.57	6.58	6.58
50	6.58	6.58	6.59	6.59	6.59	6.60	6.60	6.60	6.61	6.61	6.61	6.62
51	6.62	6.62	6.63	6.63	6.63	6.64	6.64	6.64	6.65	6.65	6.65	6.66
52	6.66	6.66	6.67	6.67	6.68	6.68	6.69	6.69	6.69	6.70	6.70	6.71
53	6.71	6.71	6.72	6.72	6.73	6.73	6.74	6.74	6.74	6.75	6.75	6.76
54	6.76	6.76	6.77	6.77	6.78	6.78	6.79	6.79	6.79	6.80	6.80	6.81
55	6.81	6.81	6.82	6.82	6.83	6.83	6.84	6.84	6.84	6.85	6.85	6.86
56	6.86	6.87	6.87	6.88	6.88	6.89	6.89	6.90	6.90	6.91	6.91	6.92
57	6.92	6.93	6.93	6.94	6.94	6.95	6.95	6.96	6.96	6.97	6.97	6.98
58	6.98	6.99	6.99	7.00	7.00	7.01	7.01	7.02	7.02	7.03	7.03	7.04
59	7.04	7.05	7.05	7.06	7.06	7.07	7.07	7.08	7.08	7.09	7.09	7.10
60	7.10	7.11	7.11	7.12	7.12	7.13	7.14	7.14	7.15	7.15	7.16	7.16
61	7.17	7.18	7.18	7.19	7.20	7.20	7.21	7.22	7.22	7.23	7.24	7.24
62	7.25	7.26	7.26	7.27	7.27	7.28	7.29	7.29	7.30	7.30	7.31	7.31
63	7.32	7.33	7.33	7.34	7.35	7.35	7.36	7.37	7.37	7.38	7.39	7.39
64	7.40	7.41	7.41	7.42	7.43	7.43	7.44	7.45	7.45	7.46	7.47	7.47
65	7.48	7.49	7.50	7.50	7.51	7.52	7.53	7.53	7.54	7.55	7.56	7.56
66	7.57	7.58	7.58	7.59	7.60	7.60	7.61	7.62	7.62	7.63	7.64	7.64
67	7.65	7.66	7.67	7.67	7.68	7.69	7.70	7.70	7.71	7.72	7.73	7.73
68	7.74	7.75	7.76	7.77	7.77	7.78	7.79	7.80	7.81	7.82	7.82	7.83
69	7.84	7.85	7.86	7.86	7.87	7.88	7.89	7.89	7.90	7.91	7.92	7.92
70	7.93	7.94	7.95	7.95	7.96	7.97	7.98	7.98	7.99	8.00	8.01	8.01
71	8.02	8.03	8.04	8.05	8.05	8.06	8.07	8.08	8.09	8.10	8.10	8.11
72	8.12	8.13	8.14	8.14	8.15	8.16	8.17	8.17	8.18	8.19	8.20	8.20
73	8.21	8.22	8.23	8.23	8.24	8.25	8.26	8.26	8.27	8.28	8.29	8.29
74	8.30	8.31	8.32	8.33	8.33	8.34	8.35	8.36	8.37	8.38	8.38	8.39

Mortality Table: Blended Healthy Mortality
Interest Rate: 7.50%

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 4a: 15-Year Certain and Life Annuity Conversion Factors - Option 4 - Healthy Members (Tier 1 / Tier 2 only)

(Amount of Monthly Annuity per $1,000 of Account Balance)

	Months of Attained Age at Retirement											
Age	**0**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**
75	8.40	8.41	8.41	8.42	8.43	8.43	8.44	8.45	8.45	8.46	8.47	8.47
76	8.48	8.49	8.50	8.50	8.51	8.52	8.53	8.53	8.54	8.55	8.56	8.56
77	8.57	8.58	8.58	8.59	8.60	8.60	8.61	8.62	8.62	8.63	8.64	8.64
78	8.65	8.66	8.66	8.67	8.67	8.68	8.69	8.69	8.70	8.70	8.71	8.71
79	8.72	8.73	8.73	8.74	8.74	8.75	8.75	8.76	8.76	8.77	8.77	8.78
80	8.78	8.79	8.79	8.80	8.80	8.81	8.81	8.82	8.82	8.83	8.83	8.84
81	8.84	8.84	8.85	8.85	8.86	8.86	8.87	8.87	8.87	8.88	8.88	8.89
82	8.89	8.89	8.90	8.90	8.90	8.91	8.91	8.91	8.92	8.92	8.92	8.93
83	8.93	8.93	8.94	8.94	8.94	8.94	8.95	8.95	8.95	8.95	8.96	8.96
84	8.96	8.96	8.97	8.97	8.97	8.97	8.98	8.98	8.98	8.98	8.99	8.99
85	8.99	8.99	8.99	9.00	9.00	9.00	9.00	9.00	9.00	9.01	9.01	9.01
86	9.01	9.01	9.01	9.02	9.02	9.02	9.02	9.02	9.02	9.03	9.03	9.03
87	9.03	9.03	9.03	9.03	9.03	9.03	9.04	9.04	9.04	9.04	9.04	9.04
88	9.04	9.04	9.04	9.04	9.04	9.04	9.05	9.05	9.05	9.05	9.05	9.05
89	9.05	9.05	9.05	9.05	9.05	9.05	9.06	9.06	9.06	9.06	9.06	9.06
90	9.06	9.06	9.06	9.06	9.06	9.06	9.06	9.06	9.06	9.06	9.06	9.06
91	9.06	9.06	9.06	9.06	9.06	9.06	9.07	9.07	9.07	9.07	9.07	9.07
92	9.07	9.07	9.07	9.07	9.07	9.07	9.07	9.07	9.07	9.07	9.07	9.07
93	9.07	9.07	9.07	9.07	9.07	9.07	9.07	9.07	9.07	9.07	9.07	9.07
94	9.07	9.07	9.07	9.07	9.07	9.07	9.07	9.07	9.07	9.07	9.07	9.07
95	9.07	9.07	9.07	9.07	9.07	9.07	9.07	9.07	9.07	9.07	9.07	9.07
96	9.07	9.07	9.07	9.07	9.07	9.07	9.07	9.07	9.07	9.07	9.07	9.07
97	9.07	9.07	9.07	9.07	9.07	9.07	9.07	9.07	9.07	9.07	9.07	9.07
98	9.07	9.07	9.07	9.07	9.07	9.07	9.07	9.07	9.07	9.07	9.07	9.07
99	9.07	9.07	9.07	9.07	9.07	9.07	9.07	9.07	9.07	9.07	9.07	9.07
100	9.07											

Mortality Table: Blended Healthy Mortality
Interest Rate: 7.50%

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 4b: 15-Year Certain and Life Annuity Conversion Factors - Option 4 - Disabled Members (Tier 1 / Tier 2 only)

(Amount of Monthly Annuity per $1,000 of Account Balance)

	Months of Attained Age at Retirement											
Age	**0**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**
15	6.59	6.59	6.59	6.59	6.59	6.59	6.59	6.59	6.59	6.59	6.59	6.59
16	6.59	6.59	6.59	6.59	6.59	6.59	6.59	6.59	6.59	6.59	6.59	6.59
17	6.59	6.59	6.59	6.59	6.59	6.59	6.60	6.60	6.60	6.60	6.60	6.60
18	6.60	6.60	6.60	6.60	6.60	6.60	6.60	6.60	6.60	6.60	6.60	6.60
19	6.60	6.60	6.60	6.60	6.60	6.60	6.60	6.60	6.60	6.60	6.60	6.60
20	6.60	6.60	6.60	6.60	6.60	6.60	6.61	6.61	6.61	6.61	6.61	6.61
21	6.61	6.61	6.61	6.61	6.61	6.61	6.61	6.61	6.61	6.61	6.61	6.61
22	6.61	6.61	6.61	6.61	6.61	6.61	6.62	6.62	6.62	6.62	6.62	6.62
23	6.62	6.62	6.62	6.62	6.62	6.62	6.63	6.63	6.63	6.63	6.63	6.63
24	6.63	6.63	6.63	6.63	6.63	6.63	6.63	6.63	6.63	6.63	6.63	6.63
25	6.63	6.63	6.63	6.63	6.63	6.63	6.64	6.64	6.64	6.64	6.64	6.64
26	6.64	6.64	6.64	6.64	6.64	6.64	6.65	6.65	6.65	6.65	6.65	6.65
27	6.65	6.65	6.65	6.65	6.65	6.65	6.66	6.66	6.66	6.66	6.66	6.66
28	6.66	6.66	6.66	6.66	6.66	6.66	6.67	6.67	6.67	6.67	6.67	6.67
29	6.67	6.67	6.67	6.67	6.67	6.67	6.68	6.68	6.68	6.68	6.68	6.68
30	6.68	6.68	6.68	6.68	6.68	6.68	6.69	6.69	6.69	6.69	6.69	6.69
31	6.69	6.69	6.69	6.70	6.70	6.70	6.70	6.70	6.70	6.71	6.71	6.71
32	6.71	6.71	6.71	6.71	6.71	6.71	6.72	6.72	6.72	6.72	6.72	6.72
33	6.72	6.72	6.72	6.73	6.73	6.73	6.73	6.73	6.73	6.74	6.74	6.74
34	6.74	6.74	6.74	6.75	6.75	6.75	6.75	6.75	6.75	6.76	6.76	6.76
35	6.76	6.76	6.76	6.77	6.77	6.77	6.77	6.77	6.77	6.78	6.78	6.78
36	6.78	6.78	6.78	6.79	6.79	6.79	6.79	6.79	6.79	6.80	6.80	6.80
37	6.80	6.80	6.80	6.81	6.81	6.81	6.81	6.81	6.81	6.82	6.82	6.82
38	6.82	6.82	6.82	6.83	6.83	6.83	6.83	6.83	6.83	6.84	6.84	6.84
39	6.84	6.84	6.84	6.85	6.85	6.85	6.85	6.85	6.85	6.86	6.86	6.86
40	6.86	6.86	6.87	6.87	6.87	6.87	6.88	6.88	6.88	6.88	6.89	6.89
41	6.89	6.89	6.89	6.90	6.90	6.90	6.90	6.90	6.90	6.91	6.91	6.91
42	6.91	6.91	6.92	6.92	6.92	6.92	6.93	6.93	6.93	6.93	6.94	6.94
43	6.94	6.94	6.95	6.95	6.95	6.95	6.96	6.96	6.96	6.96	6.97	6.97
44	6.97	6.97	6.98	6.98	6.98	6.98	6.99	6.99	6.99	6.99	7.00	7.00

Mortality Table: Blended Disabled Mortality
Interest Rate: 7.50%

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 4b: 15-Year Certain and Life Annuity Conversion Factors - Option 4 - Disabled Members (Tier 1 / Tier 2 only)

(Amount of Monthly Annuity per $1,000 of Account Balance)

	Months of Attained Age at Retirement											
Age	**0**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**
45	7.00	7.00	7.01	7.01	7.01	7.01	7.02	7.02	7.02	7.02	7.03	7.03
46	7.03	7.03	7.04	7.04	7.04	7.04	7.05	7.05	7.05	7.05	7.06	7.06
47	7.06	7.06	7.07	7.07	7.07	7.07	7.08	7.08	7.08	7.08	7.09	7.09
48	7.09	7.09	7.10	7.10	7.10	7.11	7.11	7.11	7.12	7.12	7.12	7.13
49	7.13	7.13	7.14	7.14	7.14	7.14	7.15	7.15	7.15	7.15	7.16	7.16
50	7.16	7.16	7.17	7.17	7.17	7.18	7.18	7.18	7.19	7.19	7.19	7.20
51	7.20	7.20	7.21	7.21	7.21	7.21	7.22	7.22	7.22	7.22	7.23	7.23
52	7.23	7.23	7.24	7.24	7.24	7.25	7.25	7.25	7.26	7.26	7.26	7.27
53	7.27	7.27	7.28	7.28	7.28	7.29	7.29	7.29	7.30	7.30	7.30	7.31
54	7.31	7.31	7.32	7.32	7.32	7.33	7.33	7.33	7.34	7.34	7.34	7.35
55	7.35	7.35	7.36	7.36	7.37	7.37	7.38	7.38	7.38	7.39	7.39	7.40
56	7.40	7.40	7.41	7.41	7.41	7.42	7.42	7.42	7.43	7.43	7.43	7.44
57	7.44	7.44	7.45	7.45	7.46	7.46	7.47	7.47	7.47	7.48	7.48	7.49
58	7.49	7.49	7.50	7.50	7.51	7.51	7.52	7.52	7.52	7.53	7.53	7.54
59	7.54	7.54	7.55	7.55	7.56	7.56	7.57	7.57	7.57	7.58	7.58	7.59
60	7.59	7.59	7.60	7.60	7.61	7.61	7.62	7.62	7.62	7.63	7.63	7.64
61	7.64	7.65	7.65	7.66	7.66	7.67	7.67	7.68	7.68	7.69	7.69	7.70
62	7.70	7.71	7.71	7.72	7.72	7.73	7.73	7.74	7.74	7.75	7.75	7.76
63	7.76	7.77	7.77	7.78	7.78	7.79	7.79	7.80	7.80	7.81	7.81	7.82
64	7.82	7.83	7.83	7.84	7.84	7.85	7.85	7.86	7.86	7.87	7.87	7.88
65	7.88	7.89	7.89	7.90	7.90	7.91	7.91	7.92	7.92	7.93	7.93	7.94
66	7.94	7.95	7.95	7.96	7.96	7.97	7.98	7.98	7.99	7.99	8.00	8.00
67	8.01	8.02	8.02	8.03	8.03	8.04	8.04	8.05	8.05	8.06	8.06	8.07
68	8.07	8.08	8.08	8.09	8.09	8.10	8.11	8.11	8.12	8.12	8.13	8.13
69	8.14	8.15	8.15	8.16	8.16	8.17	8.18	8.18	8.19	8.19	8.20	8.20
70	8.21	8.22	8.22	8.23	8.23	8.24	8.25	8.25	8.26	8.26	8.27	8.27
71	8.28	8.29	8.29	8.30	8.30	8.31	8.32	8.32	8.33	8.33	8.34	8.34
72	8.35	8.36	8.36	8.37	8.37	8.38	8.38	8.39	8.39	8.40	8.40	8.41
73	8.41	8.42	8.42	8.43	8.43	8.44	8.45	8.45	8.46	8.46	8.47	8.47
74	8.48	8.49	8.49	8.50	8.50	8.51	8.52	8.52	8.53	8.53	8.54	8.54

Mortality Table: Blended Disabled Mortality
Interest Rate: 7.50%

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 4b: 15-Year Certain and Life Annuity Conversion Factors - Option 4 - Disabled Members (Tier 1 / Tier 2 only)

(Amount of Monthly Annuity per $1,000 of Account Balance)

	Months of Attained Age at Retirement											
Age	**0**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**
75	8.55	8.56	8.56	8.57	8.57	8.58	8.58	8.59	8.59	8.60	8.60	8.61
76	8.61	8.62	8.62	8.63	8.63	8.64	8.64	8.65	8.65	8.66	8.66	8.67
77	8.67	8.68	8.68	8.69	8.69	8.70	8.70	8.71	8.71	8.72	8.72	8.73
78	8.73	8.74	8.74	8.75	8.75	8.76	8.76	8.77	8.77	8.78	8.78	8.79
79	8.79	8.79	8.80	8.80	8.81	8.81	8.82	8.82	8.82	8.83	8.83	8.84
80	8.84	8.84	8.85	8.85	8.85	8.86	8.86	8.86	8.87	8.87	8.87	8.88
81	8.88	8.88	8.89	8.89	8.89	8.90	8.90	8.90	8.91	8.91	8.91	8.92
82	8.92	8.92	8.93	8.93	8.93	8.93	8.94	8.94	8.94	8.94	8.95	8.95
83	8.95	8.95	8.96	8.96	8.96	8.96	8.97	8.97	8.97	8.97	8.98	8.98
84	8.98	8.98	8.98	8.99	8.99	8.99	8.99	8.99	8.99	9.00	9.00	9.00
85	9.00	9.00	9.00	9.01	9.01	9.01	9.01	9.01	9.01	9.02	9.02	9.02
86	9.02	9.02	9.02	9.02	9.02	9.02	9.03	9.03	9.03	9.03	9.03	9.03
87	9.03	9.03	9.03	9.03	9.03	9.03	9.04	9.04	9.04	9.04	9.04	9.04
88	9.04	9.04	9.04	9.04	9.04	9.04	9.05	9.05	9.05	9.05	9.05	9.05
89	9.05	9.05	9.05	9.05	9.05	9.05	9.06	9.06	9.06	9.06	9.06	9.06
90	9.06	9.06	9.06	9.06	9.06	9.06	9.06	9.06	9.06	9.06	9.06	9.06
91	9.06	9.06	9.06	9.06	9.06	9.06	9.07	9.07	9.07	9.07	9.07	9.07
92	9.07	9.07	9.07	9.07	9.07	9.07	9.07	9.07	9.07	9.07	9.07	9.07
93	9.07	9.07	9.07	9.07	9.07	9.07	9.07	9.07	9.07	9.07	9.07	9.07
94	9.07	9.07	9.07	9.07	9.07	9.07	9.07	9.07	9.07	9.07	9.07	9.07
95	9.07	9.07	9.07	9.07	9.07	9.07	9.07	9.07	9.07	9.07	9.07	9.07
96	9.07	9.07	9.07	9.07	9.07	9.07	9.07	9.07	9.07	9.07	9.07	9.07
97	9.07	9.07	9.07	9.07	9.07	9.07	9.07	9.07	9.07	9.07	9.07	9.07
98	9.07	9.07	9.07	9.07	9.07	9.07	9.07	9.07	9.07	9.07	9.07	9.07
99	9.07	9.07	9.07	9.07	9.07	9.07	9.08	9.08	9.08	9.08	9.08	9.08
100	9.08											

Mortality Table: Blended Disabled Mortality
Interest Rate: 7.50%

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 5: Commutation of Option 4 Death Benefit - Healthy and Disabled Members (Tier 1 / Tier 2 only)

(Present Value of $1.00 of Monthly Annuity)

Rem. Months	Pres. Value	Rem. Months	Pres. Value	Rem. Months	Pres. Value	Rem. Months	Pres. Value	Rem. Months	Pres. Value	Rem. Months	Pres. Value
180	110.18	150	99.03	120	85.68	90	69.68	60	50.50	30	27.53
179	109.84	149	98.63	119	85.19	89	69.09	59	49.80	29	26.69
178	109.50	148	98.22	118	84.70	88	68.50	58	49.10	28	25.84
177	109.15	147	97.80	117	84.20	87	67.91	57	48.39	27	24.99
176	108.81	146	97.39	116	83.71	86	67.31	56	47.67	26	24.14
175	108.46	145	96.97	115	83.21	85	66.72	55	46.95	25	23.28
174	108.11	144	96.55	114	82.70	84	66.11	54	46.23	24	22.41
173	107.76	143	96.13	113	82.20	83	65.51	53	45.51	23	21.54
172	107.40	142	95.71	112	81.69	82	64.90	52	44.77	22	20.67
171	107.05	141	95.28	111	81.18	81	64.28	51	44.04	21	19.78
170	106.69	140	94.85	110	80.66	80	63.67	50	43.30	20	18.90
169	106.33	139	94.41	109	80.14	79	63.04	49	42.56	19	18.01
168	105.96	138	93.98	108	79.62	78	62.42	48	41.81	18	17.11
167	105.60	137	93.54	107	79.10	77	61.79	47	41.05	17	16.21
166	105.23	136	93.10	106	78.57	76	61.16	46	40.30	16	15.30
165	104.86	135	92.66	105	78.04	75	60.52	45	39.53	15	14.39
164	104.49	134	92.21	104	77.50	74	59.88	44	38.77	14	13.47
163	104.11	133	91.76	103	76.97	73	59.24	43	37.99	13	12.54
162	103.74	132	91.31	102	76.43	72	58.59	42	37.22	12	11.61
161	103.36	131	90.86	101	75.88	71	57.94	41	36.44	11	10.68
160	102.98	130	90.40	100	75.33	70	57.28	40	35.65	10	9.73
159	102.59	129	89.94	99	74.78	69	56.62	39	34.86	9	8.79
158	102.21	128	89.48	98	74.23	68	55.96	38	34.07	8	7.83
157	101.82	127	89.01	97	73.67	67	55.29	37	33.27	7	6.88
156	101.43	126	88.55	96	73.11	66	54.62	36	32.46	6	5.91
155	101.03	125	88.08	95	72.55	65	53.94	35	31.65	5	4.94
154	100.64	124	87.60	94	71.98	64	53.26	34	30.84	4	3.96
153	100.24	123	87.13	93	71.41	63	52.58	33	30.02	3	2.98
152	99.84	122	86.65	92	70.83	62	51.89	32	29.19	2	1.99
151	99.44	121	86.16	91	70.26	61	51.20	31	28.36	1	1.00

Mortality Table: None
Interest Rate: 7.50%

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 6a: 100% Joint and Survivor Annuity - Option 2 - Healthy Members

(Factor Multiplied by Option 1 Non-Refund Life Annuity)

	Beneficiary Age Difference	Attained Age at Retirement																			
		45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
Beneficiary	100																				
younger	99																				
than	98																				
Retiree	97																				
	96																				
	95																				
	94																				
	93																				
	92																				
	91																				
	90																				
	89																				
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	75																				
	74																				
	73																				
	72																				
	71																				
	70																				
	69																				
	68																				
	67																				
	66																				
Beneficiary	65																				
younger	64																				
than	63																				0.684
Retiree	62																			0.698	0.684
	61																		0.712	0.699	0.685

Mortality Table: Blended Healthy Mortality, Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 6a: 100% Joint and Survivor Annuity - Option 2 - Healthy Members

(Factor Multiplied by Option 1 Non-Refund Life Annuity)

	Beneficiary Age Difference	Attained Age at Retirement																			
		45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
Beneficiary	60																	0.726	0.713	0.699	0.685
younger	59																0.739	0.726	0.713	0.700	0.686
than	58															0.751	0.739	0.727	0.714	0.700	0.686
Retiree	57														0.763	0.752	0.740	0.727	0.714	0.701	0.687
	56													0.775	0.764	0.752	0.740	0.728	0.715	0.701	0.688
	55												0.786	0.775	0.764	0.753	0.741	0.728	0.715	0.702	0.688
	54											0.797	0.786	0.776	0.765	0.753	0.741	0.729	0.716	0.703	0.689
	53										0.807	0.797	0.787	0.776	0.765	0.754	0.742	0.730	0.717	0.703	0.690
	52									0.817	0.807	0.798	0.787	0.777	0.766	0.754	0.743	0.730	0.717	0.704	0.691
	51								0.826	0.817	0.808	0.798	0.788	0.777	0.767	0.755	0.743	0.731	0.718	0.705	0.691
	50							0.835	0.826	0.817	0.808	0.799	0.789	0.778	0.767	0.756	0.744	0.732	0.719	0.706	0.692
	49						0.843	0.835	0.827	0.818	0.809	0.799	0.789	0.779	0.768	0.757	0.745	0.733	0.720	0.707	0.693
	48					0.851	0.844	0.836	0.827	0.819	0.810	0.800	0.790	0.780	0.769	0.757	0.746	0.734	0.721	0.708	0.694
	47				0.859	0.852	0.844	0.836	0.828	0.819	0.810	0.801	0.791	0.780	0.770	0.758	0.747	0.734	0.722	0.709	0.695
	46			0.867	0.860	0.852	0.845	0.837	0.829	0.820	0.811	0.801	0.791	0.781	0.770	0.759	0.748	0.735	0.723	0.710	0.696
	45		0.874	0.867	0.860	0.853	0.845	0.838	0.829	0.821	0.812	0.802	0.792	0.782	0.771	0.760	0.749	0.736	0.724	0.711	0.698
	44	0.880	0.874	0.868	0.861	0.854	0.846	0.838	0.830	0.821	0.812	0.803	0.793	0.783	0.772	0.761	0.750	0.738	0.725	0.712	0.699
	43	0.881	0.875	0.868	0.861	0.854	0.847	0.839	0.831	0.822	0.813	0.804	0.794	0.784	0.773	0.762	0.751	0.739	0.726	0.713	0.700
	42	0.881	0.875	0.869	0.862	0.855	0.848	0.840	0.832	0.823	0.814	0.805	0.795	0.785	0.774	0.763	0.752	0.740	0.728	0.715	0.702
	41	0.882	0.876	0.869	0.863	0.856	0.848	0.841	0.832	0.824	0.815	0.806	0.796	0.786	0.775	0.765	0.753	0.741	0.729	0.716	0.703
	40	0.882	0.876	0.870	0.863	0.856	0.849	0.841	0.833	0.825	0.816	0.807	0.797	0.787	0.777	0.766	0.754	0.743	0.730	0.718	0.705
	39	0.883	0.877	0.871	0.864	0.857	0.850	0.842	0.834	0.826	0.817	0.808	0.798	0.788	0.778	0.767	0.756	0.744	0.732	0.719	0.706
	38	0.884	0.878	0.872	0.865	0.858	0.851	0.843	0.835	0.827	0.818	0.809	0.800	0.790	0.779	0.768	0.757	0.745	0.733	0.721	0.708
	37	0.885	0.879	0.872	0.866	0.859	0.852	0.844	0.836	0.828	0.819	0.810	0.801	0.791	0.781	0.770	0.759	0.747	0.735	0.722	0.710
	36	0.885	0.879	0.873	0.867	0.860	0.853	0.845	0.837	0.829	0.821	0.812	0.802	0.792	0.782	0.771	0.760	0.749	0.737	0.724	0.712
	35	0.886	0.880	0.874	0.868	0.861	0.854	0.846	0.839	0.830	0.822	0.813	0.804	0.794	0.784	0.773	0.762	0.750	0.739	0.726	0.714
	34	0.887	0.881	0.875	0.869	0.862	0.855	0.848	0.840	0.832	0.823	0.814	0.805	0.795	0.785	0.775	0.764	0.752	0.740	0.728	0.716
	33	0.888	0.882	0.876	0.870	0.863	0.856	0.849	0.841	0.833	0.825	0.816	0.807	0.797	0.787	0.776	0.766	0.754	0.742	0.730	0.718
	32	0.889	0.883	0.877	0.871	0.864	0.857	0.850	0.842	0.834	0.826	0.817	0.808	0.799	0.789	0.778	0.768	0.756	0.745	0.733	0.720
	31	0.890	0.884	0.878	0.872	0.865	0.859	0.851	0.844	0.836	0.828	0.819	0.810	0.800	0.791	0.780	0.770	0.758	0.747	0.735	0.723
	30	0.891	0.885	0.879	0.873	0.867	0.860	0.853	0.845	0.837	0.829	0.821	0.812	0.802	0.793	0.782	0.772	0.761	0.749	0.737	0.725
	29	0.892	0.886	0.881	0.874	0.868	0.861	0.854	0.847	0.839	0.831	0.822	0.814	0.804	0.795	0.785	0.774	0.763	0.752	0.740	0.728
	28	0.893	0.887	0.882	0.876	0.869	0.863	0.856	0.848	0.841	0.833	0.824	0.815	0.806	0.797	0.787	0.776	0.766	0.754	0.743	0.731
	27	0.894	0.889	0.883	0.877	0.871	0.864	0.857	0.850	0.843	0.835	0.826	0.818	0.808	0.799	0.789	0.779	0.768	0.757	0.746	0.734
	26	0.895	0.890	0.884	0.879	0.872	0.866	0.859	0.852	0.844	0.837	0.828	0.820	0.811	0.801	0.792	0.782	0.771	0.760	0.749	0.737
Beneficiary	25	0.897	0.891	0.886	0.880	0.874	0.868	0.861	0.854	0.846	0.839	0.831	0.822	0.813	0.804	0.794	0.784	0.774	0.763	0.752	0.740
younger	24	0.898	0.893	0.887	0.882	0.876	0.869	0.863	0.856	0.848	0.841	0.833	0.824	0.816	0.807	0.797	0.787	0.777	0.766	0.755	0.744
than	23	0.899	0.894	0.889	0.883	0.877	0.871	0.865	0.858	0.851	0.843	0.835	0.827	0.818	0.809	0.800	0.790	0.780	0.769	0.758	0.747
Retiree	22	0.901	0.896	0.891	0.885	0.879	0.873	0.867	0.860	0.853	0.845	0.838	0.829	0.821	0.812	0.803	0.793	0.783	0.773	0.762	0.751
	21	0.902	0.897	0.892	0.887	0.881	0.875	0.869	0.862	0.855	0.848	0.840	0.832	0.824	0.815	0.806	0.797	0.787	0.776	0.766	0.755

Mortality Table: Blended Healthy Mortality, Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 6a: 100% Joint and Survivor Annuity - Option 2 - Healthy Members

(Factor Multiplied by Option 1 Non-Refund Life Annuity)

	Beneficiary Age Difference	Attained Age at Retirement																			
		45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
	20	0.904	0.899	0.894	0.889	0.883	0.877	0.871	0.864	0.857	0.850	0.843	0.835	0.827	0.818	0.809	0.800	0.790	0.780	0.770	0.759
	19	0.906	0.901	0.896	0.891	0.885	0.879	0.873	0.867	0.860	0.853	0.846	0.838	0.830	0.821	0.813	0.804	0.794	0.784	0.774	0.763
	18	0.907	0.903	0.898	0.893	0.887	0.881	0.875	0.869	0.863	0.856	0.849	0.841	0.833	0.825	0.816	0.807	0.798	0.788	0.778	0.768
	17	0.909	0.904	0.900	0.895	0.889	0.884	0.878	0.872	0.865	0.859	0.852	0.844	0.836	0.828	0.820	0.811	0.802	0.793	0.783	0.773
	16	0.911	0.906	0.902	0.897	0.892	0.886	0.880	0.874	0.868	0.862	0.855	0.847	0.840	0.832	0.824	0.815	0.806	0.797	0.787	0.778
	15	0.913	0.908	0.904	0.899	0.894	0.889	0.883	0.877	0.871	0.865	0.858	0.851	0.843	0.836	0.828	0.819	0.811	0.802	0.792	0.783
	14	0.915	0.910	0.906	0.901	0.896	0.891	0.886	0.880	0.874	0.868	0.861	0.854	0.847	0.840	0.832	0.824	0.815	0.807	0.797	0.788
	13	0.917	0.913	0.908	0.904	0.899	0.894	0.889	0.883	0.877	0.871	0.865	0.858	0.851	0.844	0.836	0.828	0.820	0.811	0.803	0.794
	12	0.919	0.915	0.911	0.906	0.901	0.897	0.891	0.886	0.880	0.874	0.868	0.862	0.855	0.848	0.841	0.833	0.825	0.817	0.808	0.799
	11	0.921	0.917	0.913	0.909	0.904	0.899	0.894	0.889	0.884	0.878	0.872	0.866	0.859	0.852	0.845	0.838	0.830	0.822	0.814	0.805
	10	0.923	0.919	0.915	0.911	0.907	0.902	0.897	0.892	0.887	0.881	0.876	0.870	0.863	0.857	0.850	0.843	0.835	0.827	0.819	0.811
	9	0.925	0.922	0.918	0.914	0.910	0.905	0.900	0.896	0.890	0.885	0.879	0.874	0.867	0.861	0.855	0.848	0.840	0.833	0.825	0.817
	8	0.928	0.924	0.920	0.916	0.912	0.908	0.904	0.899	0.894	0.889	0.883	0.878	0.872	0.866	0.859	0.853	0.846	0.839	0.831	0.824
	7	0.930	0.926	0.923	0.919	0.915	0.911	0.907	0.902	0.897	0.893	0.887	0.882	0.876	0.870	0.864	0.858	0.851	0.845	0.838	0.830
	6	0.932	0.929	0.925	0.922	0.918	0.914	0.910	0.906	0.901	0.896	0.891	0.886	0.881	0.875	0.869	0.863	0.857	0.851	0.844	0.837
Beneficiary	5	0.934	0.931	0.928	0.925	0.921	0.917	0.913	0.909	0.905	0.900	0.896	0.891	0.885	0.880	0.875	0.869	0.863	0.857	0.850	0.844
younger	4	0.937	0.934	0.931	0.927	0.924	0.920	0.917	0.913	0.908	0.904	0.900	0.895	0.890	0.885	0.880	0.874	0.869	0.863	0.857	0.850
than	3	0.939	0.936	0.933	0.930	0.927	0.923	0.920	0.916	0.912	0.908	0.904	0.899	0.895	0.890	0.885	0.880	0.874	0.869	0.863	0.857
Retiree	2	0.941	0.939	0.936	0.933	0.930	0.927	0.923	0.920	0.916	0.912	0.908	0.904	0.899	0.895	0.890	0.885	0.880	0.875	0.870	0.864
	1	0.944	0.941	0.939	0.936	0.933	0.930	0.926	0.923	0.920	0.916	0.912	0.908	0.904	0.900	0.895	0.891	0.886	0.881	0.876	0.871
Beneficiary same age as Retiree	**0**	**0.946**	**0.944**	**0.941**	**0.938**	**0.936**	**0.933**	**0.930**	**0.927**	**0.923**	**0.920**	**0.916**	**0.912**	**0.909**	**0.905**	**0.900**	**0.896**	**0.892**	**0.887**	**0.883**	**0.878**
Beneficiary	-1	0.948	0.946	0.944	0.941	0.939	0.936	0.933	0.930	0.927	0.924	0.920	0.917	0.913	0.909	0.906	0.902	0.898	0.893	0.889	0.885
older	-2	0.951	0.949	0.946	0.944	0.941	0.939	0.936	0.933	0.931	0.928	0.924	0.921	0.918	0.914	0.911	0.907	0.903	0.899	0.895	0.891
than	-3	0.953	0.951	0.949	0.947	0.944	0.942	0.939	0.937	0.934	0.931	0.928	0.925	0.922	0.919	0.916	0.912	0.909	0.905	0.901	0.898
Retiree	-4	0.955	0.953	0.951	0.949	0.947	0.945	0.942	0.940	0.938	0.935	0.932	0.929	0.927	0.924	0.921	0.918	0.914	0.911	0.908	0.904
	-5	0.957	0.956	0.954	0.952	0.950	0.948	0.946	0.943	0.941	0.939	0.936	0.934	0.931	0.928	0.925	0.923	0.920	0.917	0.913	0.910
	-6	0.959	0.958	0.956	0.954	0.952	0.951	0.949	0.946	0.944	0.942	0.940	0.938	0.935	0.933	0.930	0.928	0.925	0.922	0.919	0.917
	-7	0.961	0.960	0.958	0.957	0.955	0.953	0.951	0.950	0.948	0.946	0.944	0.941	0.939	0.937	0.935	0.932	0.930	0.927	0.925	0.922
	-8	0.963	0.962	0.961	0.959	0.958	0.956	0.954	0.953	0.951	0.949	0.947	0.945	0.943	0.941	0.939	0.937	0.935	0.933	0.930	0.928
	-9	0.965	0.964	0.963	0.961	0.960	0.959	0.957	0.955	0.954	0.952	0.951	0.949	0.947	0.945	0.943	0.941	0.939	0.937	0.936	0.934
	-10	0.967	0.966	0.965	0.964	0.962	0.961	0.960	0.958	0.957	0.955	0.954	0.952	0.951	0.949	0.947	0.946	0.944	0.942	0.941	0.939
	-11	0.969	0.968	0.967	0.966	0.965	0.964	0.962	0.961	0.960	0.958	0.957	0.956	0.954	0.953	0.951	0.950	0.948	0.947	0.945	0.944
	-12	0.971	0.970	0.969	0.968	0.967	0.966	0.965	0.964	0.962	0.961	0.960	0.959	0.958	0.956	0.955	0.954	0.952	0.951	0.950	0.949
	-13	0.973	0.972	0.971	0.970	0.969	0.968	0.967	0.966	0.965	0.964	0.963	0.962	0.961	0.960	0.959	0.958	0.956	0.955	0.954	0.953
	-14	0.974	0.974	0.973	0.972	0.971	0.970	0.969	0.969	0.968	0.967	0.966	0.965	0.964	0.963	0.962	0.961	0.960	0.959	0.958	0.957
	-15	0.976	0.975	0.975	0.974	0.973	0.972	0.972	0.971	0.970	0.969	0.968	0.968	0.967	0.966	0.965	0.964	0.964	0.963	0.962	0.961

Mortality Table: Blended Healthy Mortality, Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 6a: 100% Joint and Survivor Annuity - Option 2 - Healthy Members

(Factor Multiplied by Option 1 Non-Refund Life Annuity)

	Beneficiary Age Difference	Attained Age at Retirement																			
		45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
Beneficiary	-16	0.978	0.977	0.976	0.976	0.975	0.974	0.974	0.973	0.972	0.972	0.971	0.970	0.970	0.969	0.968	0.968	0.967	0.966	0.966	0.965
older	-17	0.979	0.978	0.978	0.977	0.977	0.976	0.976	0.975	0.975	0.974	0.973	0.973	0.972	0.972	0.971	0.971	0.970	0.970	0.969	0.969
than	-18	0.980	0.980	0.979	0.979	0.979	0.978	0.978	0.977	0.977	0.976	0.976	0.975	0.975	0.974	0.974	0.973	0.973	0.973	0.972	0.972
Retiree	-19	0.982	0.981	0.981	0.981	0.980	0.980	0.979	0.979	0.979	0.978	0.978	0.977	0.977	0.977	0.976	0.976	0.976	0.975	0.975	0.975
	-20	0.983	0.983	0.982	0.982	0.982	0.981	0.981	0.981	0.980	0.980	0.980	0.980	0.979	0.979	0.979	0.978	0.978	0.978	0.978	0.978
	-21	0.984	0.984	0.984	0.983	0.983	0.983	0.983	0.982	0.982	0.982	0.982	0.981	0.981	0.981	0.981	0.981	0.981	0.980	0.980	0.980
	-22	0.985	0.985	0.985	0.985	0.985	0.984	0.984	0.984	0.984	0.984	0.983	0.983	0.983	0.983	0.983	0.983	0.983	0.983	0.983	0.982
	-23	0.987	0.986	0.986	0.986	0.986	0.986	0.986	0.985	0.985	0.985	0.985	0.985	0.985	0.985	0.985	0.985	0.985	0.985	0.985	0.985
	-24	0.988	0.987	0.987	0.987	0.987	0.987	0.987	0.987	0.987	0.987	0.987	0.987	0.986	0.986	0.986	0.986	0.986	0.986	0.986	0.986
	-25	0.989	0.989	0.988	0.988	0.988	0.988	0.988	0.988	0.988	0.988	0.988	0.988	0.988	0.988	0.988	0.988	0.988	0.988	0.988	0.988
	-26	0.990	0.989	0.989	0.989	0.989	0.989	0.989	0.989	0.989	0.989	0.989	0.989	0.989	0.989	0.989	0.989	0.989	0.989	0.989	0.989
	-27	0.990	0.990	0.990	0.990	0.990	0.990	0.990	0.990	0.990	0.990	0.990	0.990	0.991	0.991	0.991	0.991	0.991	0.991	0.991	0.991
	-28	0.991	0.991	0.991	0.991	0.991	0.991	0.991	0.991	0.991	0.991	0.992	0.992	0.992	0.992	0.992	0.992	0.992	0.992	0.992	0.992
	-29	0.992	0.992	0.992	0.992	0.992	0.992	0.992	0.992	0.992	0.992	0.992	0.993	0.993	0.993	0.993	0.993	0.993	0.993	0.993	0.993
	-30	0.993	0.993	0.993	0.993	0.993	0.993	0.993	0.993	0.993	0.993	0.993	0.993	0.993	0.994	0.994	0.994	0.994	0.994	0.994	0.994
	-31	0.993	0.993	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994
	-32	0.994	0.994	0.994	0.994	0.994	0.994	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995
	-33	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.995	0.995
	-34	0.995	0.995	0.995	0.995	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996
	-35	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.996	0.996	0.996
	-36	0.996	0.996	0.996	0.996	0.996	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.996
	-37	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997
	-38	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.997	0.997	0.997	0.997	0.997
	-39	0.997	0.997	0.997	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.997	0.997	0.997
	-40	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.997
	-41	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
	-42	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
	-43	0.998	0.998	0.998	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.998	0.998	0.998	0.998	0.998	0.998	0.998
	-44	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.998	0.998	0.998	0.998	0.998
	-45	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.998	0.998	0.998	0.998
	-46	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.998	0.998	0.998
	-47	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.998	0.998	
	-48	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.998		
	-49	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999			
	-50	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999				
Beneficiary	-51	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999					
older	-52	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999						
than	-53	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999							
Retiree	-54	1.000	1.000	1.000	1.000	1.000	1.000	0.999	0.999	0.999	0.999	0.999	0.999								
	-55	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.999	0.999	0.999	0.999									

Mortality Table: Blended Healthy Mortality, Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 6a: 100% Joint and Survivor Annuity - Option 2 - Healthy Members

(Factor Multiplied by Option 1 Non-Refund Life Annuity)

	Beneficiary Age Difference	Attained Age at Retirement																			
		45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
Beneficiary	-56	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.999	0.999	0.999										
older	-57	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.999											
than	-58	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000												
Retiree	-59	1.000	1.000	1.000	1.000	1.000	1.000	1.000													
	-60	1.000	1.000	1.000	1.000	1.000	1.000														
Beneficiary	-61	1.000	1.000	1.000	1.000	1.000															
older	-62	1.000	1.000	1.000	1.000																
than	-63	1.000	1.000	1.000																	
Retiree	-64	1.000	1.000																		
	-65	1.000																			

Mortality Table: Blended Healthy Mortality, Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 6a: 100% Joint and Survivor Annuity - Option 2 - Healthy Members

(Factor Multiplied by Option 1 Non-Refund Life Annuity)

	Beneficiary Age Difference	Attained Age at Retirement																			
		65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84
Beneficiary	100																				
younger	99																				
than	98																				
Retiree	97																				
	96																				
	95																				
	94																				
	93																				
	92																				
	91																				
	90																				
	89																				
	88																				
	87																				
	86																				
	85																				
	84																				
	83																				0.341
	82																			0.359	0.341
	81																		0.377	0.359	0.341
	80																	0.395	0.377	0.359	0.341
	79																0.413	0.395	0.377	0.359	0.341
	78															0.432	0.414	0.396	0.377	0.359	0.342
	77														0.450	0.432	0.414	0.396	0.378	0.360	0.342
	76													0.468	0.450	0.432	0.414	0.396	0.378	0.360	0.342
	75												0.486	0.469	0.451	0.433	0.414	0.396	0.378	0.360	0.343
	74											0.504	0.487	0.469	0.451	0.433	0.415	0.397	0.379	0.361	0.343
	73										0.522	0.505	0.487	0.469	0.451	0.433	0.415	0.397	0.379	0.361	0.344
	72									0.540	0.522	0.505	0.487	0.469	0.452	0.434	0.416	0.398	0.380	0.362	0.344
	71								0.557	0.540	0.523	0.505	0.488	0.470	0.452	0.434	0.416	0.398	0.380	0.362	0.344
	70							0.574	0.557	0.540	0.523	0.506	0.488	0.470	0.452	0.434	0.416	0.398	0.380	0.363	0.345
	69						0.591	0.574	0.558	0.541	0.523	0.506	0.488	0.471	0.453	0.435	0.417	0.399	0.381	0.363	0.345
	68					0.607	0.591	0.575	0.558	0.541	0.524	0.507	0.489	0.471	0.453	0.435	0.417	0.399	0.381	0.364	0.346
	67				0.623	0.608	0.592	0.575	0.558	0.542	0.524	0.507	0.489	0.472	0.454	0.436	0.418	0.400	0.382	0.364	0.346
	66			0.639	0.624	0.608	0.592	0.576	0.559	0.542	0.525	0.508	0.490	0.472	0.454	0.437	0.419	0.401	0.383	0.365	0.347
Beneficiary	65		0.654	0.639	0.624	0.608	0.592	0.576	0.559	0.543	0.525	0.508	0.491	0.473	0.455	0.437	0.419	0.401	0.383	0.365	0.348
younger	64	0.669	0.655	0.640	0.625	0.609	0.593	0.577	0.560	0.543	0.526	0.509	0.491	0.473	0.456	0.438	0.420	0.402	0.384	0.366	0.348
than	63	0.670	0.655	0.640	0.625	0.609	0.593	0.577	0.561	0.544	0.527	0.509	0.492	0.474	0.456	0.438	0.420	0.402	0.385	0.367	0.349
Retiree	62	0.670	0.656	0.641	0.626	0.610	0.594	0.578	0.561	0.544	0.527	0.510	0.492	0.475	0.457	0.439	0.421	0.403	0.385	0.367	0.350
	61	0.671	0.656	0.641	0.626	0.611	0.595	0.578	0.562	0.545	0.528	0.511	0.493	0.475	0.458	0.440	0.422	0.404	0.386	0.368	0.351

Mortality Table: Blended Healthy Mortality, Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 6a: 100% Joint and Survivor Annuity - Option 2 - Healthy Members

(Factor Multiplied by Option 1 Non-Refund Life Annuity)

	Beneficiary Age Difference	Attained Age at Retirement																			
		65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84
Beneficiary	60	0.671	0.657	0.642	0.627	0.611	0.595	0.579	0.562	0.546	0.529	0.511	0.494	0.476	0.458	0.441	0.423	0.405	0.387	0.369	0.351
younger	59	0.672	0.657	0.642	0.627	0.612	0.596	0.580	0.563	0.546	0.529	0.512	0.495	0.477	0.459	0.441	0.424	0.406	0.388	0.370	0.352
than	58	0.672	0.658	0.643	0.628	0.613	0.597	0.580	0.564	0.547	0.530	0.513	0.495	0.478	0.460	0.442	0.424	0.407	0.389	0.371	0.353
Retiree	57	0.673	0.659	0.644	0.629	0.613	0.597	0.581	0.565	0.548	0.531	0.514	0.496	0.479	0.461	0.443	0.425	0.407	0.390	0.372	0.354
	56	0.674	0.659	0.645	0.629	0.614	0.598	0.582	0.566	0.549	0.532	0.515	0.497	0.480	0.462	0.444	0.426	0.408	0.391	0.373	0.355
	55	0.674	0.660	0.645	0.630	0.615	0.599	0.583	0.566	0.550	0.533	0.516	0.498	0.481	0.463	0.445	0.427	0.410	0.392	0.374	0.356
	54	0.675	0.661	0.646	0.631	0.616	0.600	0.584	0.567	0.551	0.534	0.517	0.499	0.482	0.464	0.446	0.429	0.411	0.393	0.375	0.358
	53	0.676	0.662	0.647	0.632	0.617	0.601	0.585	0.568	0.552	0.535	0.518	0.500	0.483	0.465	0.448	0.430	0.412	0.394	0.376	0.359
	52	0.677	0.662	0.648	0.633	0.618	0.602	0.586	0.569	0.553	0.536	0.519	0.502	0.484	0.467	0.449	0.431	0.413	0.395	0.378	0.360
	51	0.678	0.663	0.649	0.634	0.619	0.603	0.587	0.571	0.554	0.537	0.520	0.503	0.485	0.468	0.450	0.432	0.415	0.397	0.379	0.361
	50	0.679	0.664	0.650	0.635	0.620	0.604	0.588	0.572	0.555	0.538	0.521	0.504	0.487	0.469	0.452	0.434	0.416	0.398	0.381	0.363
	49	0.679	0.665	0.651	0.636	0.621	0.605	0.589	0.573	0.556	0.540	0.523	0.505	0.488	0.471	0.453	0.435	0.418	0.400	0.382	0.365
	48	0.681	0.666	0.652	0.637	0.622	0.606	0.590	0.574	0.558	0.541	0.524	0.507	0.490	0.472	0.455	0.437	0.419	0.401	0.384	0.366
	47	0.682	0.668	0.653	0.638	0.623	0.608	0.592	0.576	0.559	0.543	0.526	0.508	0.491	0.474	0.456	0.439	0.421	0.403	0.385	0.368
	46	0.683	0.669	0.654	0.640	0.625	0.609	0.593	0.577	0.561	0.544	0.527	0.510	0.493	0.475	0.458	0.440	0.423	0.405	0.387	0.370
	45	0.684	0.670	0.656	0.641	0.626	0.610	0.595	0.579	0.562	0.546	0.529	0.512	0.495	0.477	0.460	0.442	0.425	0.407	0.389	0.372
	44	0.685	0.671	0.657	0.642	0.627	0.612	0.596	0.580	0.564	0.547	0.531	0.514	0.496	0.479	0.462	0.444	0.427	0.409	0.391	0.374
	43	0.687	0.673	0.658	0.644	0.629	0.614	0.598	0.582	0.566	0.549	0.533	0.516	0.498	0.481	0.464	0.446	0.429	0.411	0.393	0.376
	42	0.688	0.674	0.660	0.646	0.631	0.615	0.600	0.584	0.568	0.551	0.535	0.518	0.501	0.483	0.466	0.448	0.431	0.413	0.396	0.378
	41	0.690	0.676	0.662	0.647	0.632	0.617	0.602	0.586	0.570	0.553	0.537	0.520	0.503	0.486	0.468	0.451	0.433	0.416	0.398	0.381
	40	0.691	0.677	0.663	0.649	0.634	0.619	0.604	0.588	0.572	0.555	0.539	0.522	0.505	0.488	0.471	0.453	0.436	0.418	0.401	0.383
	39	0.693	0.679	0.665	0.651	0.636	0.621	0.606	0.590	0.574	0.558	0.541	0.524	0.508	0.490	0.473	0.456	0.438	0.421	0.404	0.386
	38	0.695	0.681	0.667	0.653	0.638	0.623	0.608	0.592	0.576	0.560	0.544	0.527	0.510	0.493	0.476	0.459	0.441	0.424	0.407	0.389
	37	0.696	0.683	0.669	0.655	0.640	0.625	0.610	0.595	0.579	0.563	0.546	0.530	0.513	0.496	0.479	0.462	0.444	0.427	0.410	0.392
	36	0.698	0.685	0.671	0.657	0.643	0.628	0.613	0.597	0.581	0.565	0.549	0.533	0.516	0.499	0.482	0.465	0.447	0.430	0.413	0.396
	35	0.701	0.687	0.673	0.659	0.645	0.630	0.615	0.600	0.584	0.568	0.552	0.536	0.519	0.502	0.485	0.468	0.451	0.434	0.416	0.399
	34	0.703	0.689	0.676	0.662	0.648	0.633	0.618	0.603	0.587	0.571	0.555	0.539	0.522	0.505	0.489	0.472	0.454	0.437	0.420	0.403
	33	0.705	0.692	0.678	0.665	0.650	0.636	0.621	0.606	0.590	0.574	0.558	0.542	0.526	0.509	0.492	0.475	0.458	0.441	0.424	0.407
	32	0.707	0.694	0.681	0.667	0.653	0.639	0.624	0.609	0.593	0.578	0.562	0.546	0.529	0.513	0.496	0.479	0.462	0.445	0.428	0.412
	31	0.710	0.697	0.684	0.670	0.656	0.642	0.627	0.612	0.597	0.581	0.565	0.549	0.533	0.517	0.500	0.483	0.467	0.450	0.433	0.416
	30	0.713	0.700	0.687	0.673	0.659	0.645	0.630	0.616	0.600	0.585	0.569	0.553	0.537	0.521	0.505	0.488	0.471	0.454	0.438	0.421
	29	0.715	0.703	0.690	0.676	0.663	0.648	0.634	0.619	0.604	0.589	0.573	0.558	0.542	0.525	0.509	0.493	0.476	0.459	0.443	0.426
	28	0.718	0.706	0.693	0.680	0.666	0.652	0.638	0.623	0.608	0.593	0.578	0.562	0.546	0.530	0.514	0.498	0.481	0.465	0.448	0.432
	27	0.722	0.709	0.696	0.683	0.670	0.656	0.642	0.627	0.613	0.598	0.582	0.567	0.551	0.535	0.519	0.503	0.487	0.470	0.454	0.438
	26	0.725	0.712	0.700	0.687	0.674	0.660	0.646	0.632	0.617	0.602	0.587	0.572	0.556	0.541	0.525	0.509	0.493	0.476	0.460	0.444
Beneficiary	25	0.728	0.716	0.704	0.691	0.678	0.664	0.650	0.636	0.622	0.607	0.592	0.577	0.562	0.546	0.531	0.515	0.499	0.483	0.467	0.450
younger	24	0.732	0.720	0.708	0.695	0.682	0.669	0.655	0.641	0.627	0.612	0.598	0.583	0.568	0.552	0.537	0.521	0.505	0.489	0.473	0.458
than	23	0.736	0.724	0.712	0.699	0.686	0.673	0.660	0.646	0.632	0.618	0.603	0.589	0.574	0.559	0.543	0.528	0.512	0.496	0.481	0.465
Retiree	22	0.740	0.728	0.716	0.704	0.691	0.678	0.665	0.651	0.638	0.624	0.609	0.595	0.580	0.565	0.550	0.535	0.520	0.504	0.488	0.473
	21	0.744	0.732	0.721	0.709	0.696	0.683	0.670	0.657	0.644	0.630	0.616	0.601	0.587	0.572	0.557	0.542	0.527	0.512	0.497	0.481

Mortality Table: Blended Healthy Mortality, Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 6a: 100% Joint and Survivor Annuity - Option 2 - Healthy Members

(Factor Multiplied by Option 1 Non-Refund Life Annuity)

	Beneficiary Age Difference	Attained Age at Retirement																			
		65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84
	20	0.748	0.737	0.725	0.714	0.701	0.689	0.676	0.663	0.650	0.636	0.622	0.608	0.594	0.580	0.565	0.550	0.536	0.521	0.505	0.490
	19	0.753	0.742	0.730	0.719	0.707	0.695	0.682	0.669	0.656	0.643	0.629	0.616	0.602	0.588	0.573	0.559	0.544	0.529	0.515	0.500
	18	0.757	0.747	0.736	0.724	0.713	0.701	0.688	0.676	0.663	0.650	0.637	0.623	0.610	0.596	0.582	0.568	0.553	0.539	0.524	0.510
	17	0.762	0.752	0.741	0.730	0.719	0.707	0.695	0.683	0.670	0.657	0.644	0.631	0.618	0.605	0.591	0.577	0.563	0.549	0.534	0.520
	16	0.768	0.757	0.747	0.736	0.725	0.713	0.702	0.690	0.678	0.665	0.653	0.640	0.627	0.614	0.600	0.587	0.573	0.559	0.545	0.531
	15	0.773	0.763	0.753	0.742	0.731	0.720	0.709	0.697	0.685	0.673	0.661	0.649	0.636	0.623	0.610	0.597	0.584	0.570	0.556	0.543
	14	0.779	0.769	0.759	0.749	0.738	0.727	0.716	0.705	0.694	0.682	0.670	0.658	0.646	0.633	0.621	0.608	0.595	0.581	0.568	0.555
	13	0.784	0.775	0.765	0.755	0.745	0.735	0.724	0.713	0.702	0.691	0.679	0.668	0.656	0.644	0.631	0.619	0.606	0.593	0.581	0.568
	12	0.790	0.781	0.772	0.762	0.752	0.742	0.732	0.721	0.711	0.700	0.689	0.678	0.666	0.654	0.643	0.630	0.618	0.606	0.594	0.581
	11	0.796	0.788	0.779	0.769	0.760	0.750	0.740	0.730	0.720	0.709	0.699	0.688	0.677	0.666	0.654	0.643	0.631	0.619	0.607	0.595
	10	0.803	0.794	0.786	0.777	0.768	0.758	0.749	0.739	0.729	0.719	0.709	0.699	0.688	0.677	0.666	0.655	0.644	0.633	0.621	0.610
	9	0.809	0.801	0.793	0.784	0.776	0.767	0.758	0.748	0.739	0.729	0.720	0.710	0.699	0.689	0.679	0.668	0.658	0.647	0.636	0.625
	8	0.816	0.808	0.800	0.792	0.784	0.775	0.767	0.758	0.749	0.740	0.730	0.721	0.711	0.702	0.692	0.682	0.672	0.661	0.651	0.641
	7	0.823	0.816	0.808	0.800	0.792	0.784	0.776	0.768	0.759	0.750	0.741	0.732	0.723	0.714	0.705	0.696	0.686	0.676	0.667	0.657
	6	0.830	0.823	0.816	0.808	0.801	0.793	0.785	0.777	0.769	0.761	0.753	0.744	0.736	0.727	0.719	0.710	0.701	0.692	0.683	0.674
Beneficiary	5	0.837	0.830	0.824	0.817	0.810	0.802	0.795	0.787	0.780	0.772	0.764	0.757	0.749	0.741	0.732	0.724	0.716	0.708	0.699	0.691
younger	4	0.844	0.838	0.832	0.825	0.818	0.812	0.805	0.798	0.791	0.783	0.776	0.769	0.761	0.754	0.747	0.739	0.731	0.724	0.716	0.708
than	3	0.851	0.846	0.840	0.833	0.827	0.821	0.814	0.808	0.801	0.795	0.788	0.781	0.774	0.768	0.761	0.754	0.747	0.740	0.733	0.726
Retiree	2	0.859	0.853	0.848	0.842	0.836	0.830	0.824	0.818	0.812	0.806	0.800	0.794	0.788	0.781	0.775	0.769	0.763	0.756	0.750	0.744
	1	0.866	0.861	0.855	0.850	0.845	0.839	0.834	0.828	0.823	0.817	0.812	0.806	0.801	0.795	0.789	0.784	0.778	0.773	0.767	0.762
Beneficiary same age as Retiree	**0**	**0.873**	**0.868**	**0.863**	**0.859**	**0.854**	**0.849**	**0.844**	**0.839**	**0.834**	**0.829**	**0.824**	**0.819**	**0.814**	**0.809**	**0.804**	**0.799**	**0.794**	**0.789**	**0.784**	**0.779**
Beneficiary	-1	0.880	0.876	0.871	0.867	0.862	0.858	0.853	0.849	0.844	0.840	0.835	0.831	0.826	0.822	0.818	0.813	0.809	0.805	0.801	0.796
older	-2	0.887	0.883	0.879	0.875	0.871	0.867	0.863	0.859	0.855	0.851	0.847	0.843	0.839	0.835	0.832	0.828	0.824	0.820	0.817	0.813
than	-3	0.894	0.890	0.887	0.883	0.880	0.876	0.872	0.869	0.865	0.862	0.858	0.855	0.852	0.848	0.845	0.842	0.839	0.836	0.832	0.829
Retiree	-4	0.901	0.897	0.894	0.891	0.888	0.885	0.881	0.878	0.875	0.872	0.869	0.866	0.864	0.861	0.858	0.855	0.853	0.850	0.847	0.845
	-5	0.907	0.904	0.902	0.899	0.896	0.893	0.890	0.888	0.885	0.882	0.880	0.877	0.875	0.873	0.871	0.868	0.866	0.864	0.862	0.859
	-6	0.914	0.911	0.909	0.906	0.904	0.901	0.899	0.897	0.894	0.892	0.890	0.888	0.886	0.884	0.883	0.881	0.879	0.877	0.875	0.873
	-7	0.920	0.918	0.916	0.913	0.911	0.909	0.907	0.905	0.903	0.902	0.900	0.898	0.897	0.895	0.894	0.892	0.891	0.889	0.887	0.885
	-8	0.926	0.924	0.922	0.920	0.919	0.917	0.915	0.914	0.912	0.911	0.909	0.908	0.907	0.906	0.904	0.903	0.902	0.900	0.898	0.896
	-9	0.932	0.930	0.928	0.927	0.925	0.924	0.923	0.921	0.920	0.919	0.918	0.917	0.916	0.915	0.914	0.913	0.912	0.910	0.908	0.906
	-10	0.937	0.936	0.935	0.933	0.932	0.931	0.930	0.929	0.928	0.927	0.926	0.926	0.925	0.924	0.923	0.922	0.921	0.919	0.917	0.915
	-11	0.943	0.941	0.940	0.939	0.938	0.937	0.937	0.936	0.935	0.934	0.934	0.933	0.933	0.932	0.931	0.930	0.929	0.927	0.925	0.923
	-12	0.948	0.947	0.946	0.945	0.944	0.944	0.943	0.942	0.942	0.941	0.941	0.941	0.940	0.940	0.939	0.938	0.936	0.934	0.932	0.930
	-13	0.952	0.952	0.951	0.950	0.950	0.949	0.949	0.948	0.948	0.948	0.947	0.947	0.947	0.946	0.945	0.944	0.943	0.941	0.939	0.936
	-14	0.957	0.956	0.956	0.955	0.955	0.954	0.954	0.954	0.954	0.954	0.953	0.953	0.952	0.952	0.951	0.950	0.948	0.946	0.944	0.941
	-15	0.961	0.960	0.960	0.960	0.960	0.959	0.959	0.959	0.959	0.959	0.959	0.958	0.958	0.957	0.956	0.955	0.953	0.951	0.948	0.945

Mortality Table: Blended Healthy Mortality, Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 6a: 100% Joint and Survivor Annuity - Option 2 - Healthy Members

(Factor Multiplied by Option 1 Non-Refund Life Annuity)

	Beneficiary Age Difference	Attained Age at Retirement																			
		65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84
Beneficiary	-16	0.965	0.964	0.964	0.964	0.964	0.964	0.964	0.964	0.964	0.963	0.963	0.963	0.962	0.961	0.960	0.959	0.957	0.955	0.952	0.949
older	-17	0.968	0.968	0.968	0.968	0.968	0.968	0.968	0.968	0.968	0.968	0.967	0.967	0.966	0.965	0.964	0.963	0.961	0.958	0.956	0.953
than	-18	0.972	0.972	0.972	0.972	0.972	0.972	0.972	0.972	0.971	0.971	0.971	0.970	0.970	0.969	0.967	0.966	0.964	0.962	0.959	0.956
Retiree	-19	0.975	0.975	0.975	0.975	0.975	0.975	0.975	0.975	0.975	0.974	0.974	0.973	0.973	0.971	0.970	0.968	0.967	0.964	0.962	0.959
	-20	0.978	0.978	0.978	0.978	0.978	0.978	0.978	0.978	0.977	0.977	0.977	0.976	0.975	0.974	0.972	0.971	0.969	0.967	0.965	0.962
	-21	0.980	0.980	0.980	0.980	0.980	0.980	0.980	0.980	0.980	0.979	0.979	0.978	0.977	0.976	0.975	0.973	0.971	0.969	0.967	0.964
	-22	0.982	0.983	0.983	0.983	0.983	0.983	0.982	0.982	0.982	0.981	0.981	0.980	0.979	0.978	0.977	0.975	0.973	0.971	0.969	0.965
	-23	0.985	0.985	0.985	0.985	0.985	0.985	0.984	0.984	0.984	0.983	0.982	0.982	0.981	0.980	0.978	0.977	0.975	0.973	0.970	0.967
	-24	0.986	0.986	0.986	0.986	0.986	0.986	0.986	0.986	0.985	0.985	0.984	0.983	0.982	0.981	0.980	0.978	0.976	0.974	0.971	0.968
	-25	0.988	0.988	0.988	0.988	0.988	0.988	0.987	0.987	0.986	0.986	0.985	0.984	0.983	0.982	0.981	0.979	0.977	0.975	0.972	0.969
	-26	0.989	0.989	0.989	0.989	0.989	0.989	0.989	0.988	0.988	0.987	0.986	0.986	0.985	0.984	0.982	0.980	0.978	0.976	0.973	0.970
	-27	0.991	0.991	0.991	0.990	0.990	0.990	0.990	0.989	0.989	0.988	0.987	0.987	0.986	0.984	0.983	0.981	0.979	0.977	0.974	
	-28	0.992	0.992	0.992	0.991	0.991	0.991	0.990	0.990	0.990	0.989	0.988	0.987	0.986	0.985	0.984	0.982	0.980	0.977		
	-29	0.993	0.993	0.992	0.992	0.992	0.992	0.991	0.991	0.990	0.990	0.989	0.988	0.987	0.986	0.984	0.982	0.980			
	-30	0.993	0.993	0.993	0.993	0.993	0.992	0.992	0.992	0.991	0.990	0.990	0.989	0.988	0.986	0.985	0.983				
	-31	0.994	0.994	0.994	0.994	0.993	0.993	0.993	0.992	0.992	0.991	0.990	0.989	0.988	0.987	0.985					
	-32	0.995	0.994	0.994	0.994	0.994	0.993	0.993	0.993	0.992	0.991	0.991	0.990	0.988	0.987						
	-33	0.995	0.995	0.995	0.995	0.994	0.994	0.994	0.993	0.992	0.992	0.991	0.990	0.989							
	-34	0.996	0.995	0.995	0.995	0.995	0.994	0.994	0.993	0.993	0.992	0.991	0.990								
	-35	0.996	0.996	0.996	0.995	0.995	0.995	0.994	0.994	0.993	0.992	0.991									
	-36	0.996	0.996	0.996	0.996	0.995	0.995	0.994	0.994	0.993	0.993										
	-37	0.997	0.996	0.996	0.996	0.996	0.995	0.995	0.994	0.993											
	-38	0.997	0.997	0.996	0.996	0.996	0.995	0.995	0.994												
	-39	0.997	0.997	0.997	0.996	0.996	0.995	0.995													
	-40	0.997	0.997	0.997	0.996	0.996	0.996														
	-41	0.997	0.997	0.997	0.996	0.996															
	-42	0.997	0.997	0.997	0.997																
	-43	0.998	0.997	0.997																	
	-44	0.998	0.997																		
	-45	0.998																			
	-46																				
	-47																				
	-48																				
	-49																				
	-50																				
Beneficiary	-51																				
older	-52																				
than	-53																				
Retiree	-54																				
	-55																				

Mortality Table: Blended Healthy Mortality, Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 6a: 100% Joint and Survivor Annuity - Option 2 - Healthy Members

(Factor Multiplied by Option 1 Non-Refund Life Annuity)

	Beneficiary Age Difference	Attained Age at Retirement																			
		65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84
Beneficiary older than Retiree	-56																				
	-57																				
	-58																				
	-59																				
	-60																				
Beneficiary older than Retiree	-61																				
	-62																				
	-63																				
	-64																				
	-65																				

Mortality Table: Blended Healthy Mortality, Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 6a: 100% Joint and Survivor Annuity - Option 2 - Healthy Members

(Factor Multiplied by Option 1 Non-Refund Life Annuity)

	Beneficiary Age Difference	Attained Age at Retirement															
		85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
Beneficiary	100																
younger	99																0.141
than	98															0.147	0.141
Retiree	97														0.153	0.147	0.141
	96													0.161	0.154	0.147	0.141
	95												0.169	0.161	0.154	0.147	0.142
	94											0.178	0.169	0.161	0.154	0.147	0.142
	93										0.189	0.179	0.169	0.161	0.154	0.148	0.142
	92									0.200	0.189	0.179	0.169	0.161	0.154	0.148	0.142
	91								0.213	0.200	0.189	0.179	0.169	0.161	0.154	0.148	0.142
	90							0.226	0.213	0.201	0.189	0.179	0.169	0.161	0.154	0.148	0.142
	89						0.240	0.226	0.213	0.201	0.189	0.179	0.170	0.161	0.154	0.148	0.142
	88					0.256	0.241	0.226	0.213	0.201	0.190	0.179	0.170	0.162	0.155	0.148	0.143
	87				0.272	0.256	0.241	0.226	0.213	0.201	0.190	0.179	0.170	0.162	0.155	0.149	0.143
	86			0.288	0.272	0.256	0.241	0.227	0.213	0.201	0.190	0.180	0.170	0.162	0.155	0.149	0.143
	85		0.306	0.289	0.272	0.256	0.241	0.227	0.214	0.201	0.190	0.180	0.170	0.162	0.155	0.149	0.143
	84	0.323	0.306	0.289	0.272	0.256	0.241	0.227	0.214	0.202	0.190	0.180	0.171	0.162	0.155	0.149	0.143
	83	0.323	0.306	0.289	0.272	0.257	0.241	0.227	0.214	0.202	0.190	0.180	0.171	0.163	0.156	0.149	0.144
	82	0.323	0.306	0.289	0.273	0.257	0.242	0.227	0.214	0.202	0.191	0.180	0.171	0.163	0.156	0.150	0.144
	81	0.323	0.306	0.289	0.273	0.257	0.242	0.228	0.214	0.202	0.191	0.181	0.171	0.163	0.156	0.150	0.144
	80	0.324	0.307	0.290	0.273	0.257	0.242	0.228	0.215	0.203	0.191	0.181	0.171	0.163	0.156	0.150	0.144
	79	0.324	0.307	0.290	0.273	0.258	0.242	0.228	0.215	0.203	0.192	0.181	0.172	0.164	0.157	0.150	0.145
	78	0.324	0.307	0.290	0.274	0.258	0.243	0.229	0.215	0.203	0.192	0.182	0.172	0.164	0.157	0.151	0.145
	77	0.325	0.307	0.291	0.274	0.258	0.243	0.229	0.216	0.203	0.192	0.182	0.172	0.164	0.157	0.151	0.145
	76	0.325	0.308	0.291	0.274	0.259	0.243	0.229	0.216	0.204	0.192	0.182	0.173	0.164	0.158	0.151	0.146
	75	0.325	0.308	0.291	0.275	0.259	0.244	0.230	0.216	0.204	0.193	0.182	0.173	0.165	0.158	0.152	0.146
	74	0.326	0.308	0.292	0.275	0.259	0.244	0.230	0.217	0.204	0.193	0.183	0.173	0.165	0.158	0.152	0.146
	73	0.326	0.309	0.292	0.276	0.260	0.245	0.230	0.217	0.205	0.194	0.183	0.174	0.166	0.159	0.153	0.147
	72	0.326	0.309	0.292	0.276	0.260	0.245	0.231	0.217	0.205	0.194	0.184	0.174	0.166	0.159	0.153	0.147
	71	0.327	0.310	0.293	0.276	0.261	0.245	0.231	0.218	0.206	0.194	0.184	0.175	0.166	0.160	0.153	0.148
	70	0.327	0.310	0.293	0.277	0.261	0.246	0.232	0.218	0.206	0.195	0.185	0.175	0.167	0.160	0.154	0.148
	69	0.328	0.311	0.294	0.277	0.262	0.246	0.232	0.219	0.207	0.195	0.185	0.176	0.167	0.161	0.154	0.149
	68	0.328	0.311	0.294	0.278	0.262	0.247	0.233	0.219	0.207	0.196	0.186	0.176	0.168	0.161	0.155	0.149
	67	0.329	0.312	0.295	0.278	0.263	0.247	0.233	0.220	0.208	0.196	0.186	0.177	0.169	0.162	0.156	0.150
	66	0.330	0.312	0.296	0.279	0.263	0.248	0.234	0.221	0.208	0.197	0.187	0.177	0.169	0.162	0.156	0.151
Beneficiary	65	0.330	0.313	0.296	0.280	0.264	0.249	0.234	0.221	0.209	0.198	0.187	0.178	0.170	0.163	0.157	0.151
younger	64	0.331	0.314	0.297	0.280	0.264	0.249	0.235	0.222	0.210	0.198	0.188	0.179	0.170	0.164	0.158	0.152
than	63	0.332	0.314	0.298	0.281	0.265	0.250	0.236	0.223	0.210	0.199	0.189	0.179	0.171	0.164	0.158	0.153
Retiree	62	0.332	0.315	0.298	0.282	0.266	0.251	0.237	0.223	0.211	0.200	0.189	0.180	0.172	0.165	0.159	0.153
	61	0.333	0.316	0.299	0.283	0.267	0.252	0.237	0.224	0.212	0.201	0.190	0.181	0.173	0.166	0.160	0.154

Mortality Table: Blended Healthy Mortality, Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 6a: 100% Joint and Survivor Annuity - Option 2 - Healthy Members

(Factor Multiplied by Option 1 Non-Refund Life Annuity)

	Beneficiary Age Difference	Attained Age at Retirement															
		85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
Beneficiary	60	0.334	0.317	0.300	0.283	0.268	0.252	0.238	0.225	0.213	0.201	0.191	0.182	0.174	0.167	0.161	0.155
younger	59	0.335	0.318	0.301	0.284	0.268	0.253	0.239	0.226	0.214	0.202	0.192	0.183	0.174	0.168	0.162	0.156
than	58	0.336	0.319	0.302	0.285	0.269	0.254	0.240	0.227	0.214	0.203	0.193	0.184	0.175	0.169	0.163	0.157
Retiree	57	0.337	0.320	0.303	0.286	0.270	0.255	0.241	0.228	0.215	0.204	0.194	0.185	0.176	0.170	0.164	0.158
	56	0.338	0.321	0.304	0.287	0.271	0.256	0.242	0.229	0.216	0.205	0.195	0.186	0.177	0.171	0.165	0.159
	55	0.339	0.322	0.305	0.289	0.273	0.257	0.243	0.230	0.218	0.206	0.196	0.187	0.179	0.172	0.166	0.161
	54	0.340	0.323	0.306	0.290	0.274	0.259	0.244	0.231	0.219	0.208	0.197	0.188	0.180	0.173	0.167	0.162
	53	0.341	0.324	0.307	0.291	0.275	0.260	0.246	0.232	0.220	0.209	0.199	0.189	0.181	0.174	0.168	0.163
	52	0.343	0.326	0.309	0.292	0.276	0.261	0.247	0.234	0.221	0.210	0.200	0.190	0.182	0.176	0.170	0.165
	51	0.344	0.327	0.310	0.294	0.278	0.263	0.248	0.235	0.223	0.212	0.201	0.192	0.184	0.177	0.171	0.166
	50	0.346	0.328	0.312	0.295	0.279	0.264	0.250	0.237	0.224	0.213	0.203	0.193	0.185	0.179	0.173	0.168
	49	0.347	0.330	0.313	0.297	0.281	0.266	0.251	0.238	0.226	0.215	0.204	0.195	0.187	0.181	0.175	0.170
	48	0.349	0.332	0.315	0.298	0.283	0.267	0.253	0.240	0.228	0.216	0.206	0.197	0.189	0.182	0.177	0.171
	47	0.351	0.334	0.317	0.300	0.284	0.269	0.255	0.242	0.229	0.218	0.208	0.199	0.191	0.184	0.179	0.174
	46	0.352	0.335	0.319	0.302	0.286	0.271	0.257	0.243	0.231	0.220	0.210	0.201	0.193	0.186	0.181	0.176
	45	0.354	0.337	0.321	0.304	0.288	0.273	0.259	0.246	0.233	0.222	0.212	0.203	0.195	0.188	0.183	0.178
	44	0.357	0.339	0.323	0.306	0.290	0.275	0.261	0.248	0.235	0.224	0.214	0.205	0.197	0.191	0.185	0.180
	43	0.359	0.342	0.325	0.309	0.293	0.277	0.263	0.250	0.238	0.227	0.217	0.207	0.200	0.193	0.188	0.183
	42	0.361	0.344	0.327	0.311	0.295	0.280	0.266	0.252	0.240	0.229	0.219	0.210	0.202	0.196	0.191	0.186
	41	0.364	0.347	0.330	0.314	0.298	0.283	0.268	0.255	0.243	0.232	0.222	0.213	0.205	0.199	0.194	0.189
	40	0.366	0.349	0.333	0.316	0.300	0.285	0.271	0.258	0.246	0.235	0.225	0.216	0.208	0.202	0.197	0.192
	39	0.369	0.352	0.336	0.319	0.303	0.288	0.274	0.261	0.249	0.238	0.228	0.219	0.211	0.205	0.200	0.196
	38	0.372	0.355	0.339	0.322	0.306	0.291	0.277	0.264	0.252	0.241	0.231	0.222	0.215	0.209	0.204	0.199
	37	0.375	0.358	0.342	0.326	0.310	0.295	0.281	0.267	0.255	0.245	0.235	0.226	0.218	0.212	0.208	0.203
	36	0.379	0.362	0.345	0.329	0.313	0.298	0.284	0.271	0.259	0.248	0.238	0.230	0.222	0.217	0.212	0.208
	35	0.382	0.366	0.349	0.333	0.317	0.302	0.288	0.275	0.263	0.252	0.242	0.234	0.226	0.221	0.216	0.212
	34	0.386	0.370	0.353	0.337	0.321	0.306	0.292	0.279	0.267	0.257	0.247	0.238	0.231	0.225	0.221	0.217
	33	0.390	0.374	0.357	0.341	0.326	0.311	0.297	0.284	0.272	0.261	0.251	0.243	0.236	0.230	0.226	0.222
	32	0.395	0.378	0.362	0.346	0.330	0.315	0.301	0.288	0.277	0.266	0.256	0.248	0.241	0.236	0.231	0.228
	31	0.399	0.383	0.367	0.351	0.335	0.320	0.306	0.294	0.282	0.271	0.262	0.253	0.246	0.241	0.237	0.234
	30	0.404	0.388	0.372	0.356	0.340	0.326	0.312	0.299	0.287	0.277	0.267	0.259	0.252	0.247	0.243	0.240
	29	0.410	0.393	0.377	0.361	0.346	0.331	0.318	0.305	0.293	0.283	0.273	0.265	0.259	0.254	0.250	0.247
	28	0.415	0.399	0.383	0.367	0.352	0.337	0.324	0.311	0.300	0.289	0.280	0.272	0.265	0.261	0.257	0.255
	27	0.421	0.405	0.389	0.374	0.358	0.344	0.330	0.318	0.306	0.296	0.287	0.279	0.273	0.268	0.265	0.263
	26	0.428	0.412	0.396	0.380	0.365	0.351	0.337	0.325	0.313	0.303	0.294	0.286	0.280	0.276	0.273	0.272
Beneficiary	25	0.434	0.419	0.403	0.388	0.372	0.358	0.345	0.332	0.321	0.311	0.302	0.295	0.289	0.285	0.282	0.281
younger	24	0.442	0.426	0.410	0.395	0.380	0.366	0.353	0.340	0.329	0.319	0.311	0.303	0.298	0.294	0.292	0.291
than	23	0.449	0.434	0.418	0.403	0.388	0.374	0.361	0.349	0.338	0.328	0.320	0.313	0.307	0.304	0.302	0.302
Retiree	22	0.458	0.442	0.427	0.412	0.397	0.383	0.370	0.358	0.347	0.338	0.330	0.323	0.318	0.315	0.313	0.313
	21	0.466	0.451	0.436	0.421	0.406	0.392	0.379	0.368	0.357	0.348	0.340	0.333	0.329	0.326	0.325	0.326

Mortality Table: Blended Healthy Mortality, Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 6a: 100% Joint and Survivor Annuity - Option 2 - Healthy Members

(Factor Multiplied by Option 1 Non-Refund Life Annuity)

	Beneficiary Age Difference	Attained Age at Retirement															
		85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
	20	0.475	0.460	0.445	0.430	0.416	0.402	0.390	0.378	0.368	0.359	0.351	0.345	0.340	0.339	0.338	0.339
	19	0.485	0.470	0.455	0.441	0.427	0.413	0.401	0.389	0.379	0.371	0.363	0.357	0.353	0.352	0.352	0.353
	18	0.495	0.480	0.466	0.452	0.438	0.424	0.412	0.401	0.391	0.383	0.376	0.370	0.367	0.366	0.367	0.369
	17	0.506	0.491	0.477	0.463	0.450	0.437	0.425	0.414	0.404	0.396	0.390	0.384	0.382	0.381	0.383	0.385
	16	0.517	0.503	0.489	0.475	0.462	0.449	0.438	0.427	0.418	0.411	0.404	0.400	0.397	0.398	0.400	0.403
	15	0.529	0.515	0.502	0.488	0.475	0.463	0.452	0.442	0.433	0.426	0.420	0.416	0.414	0.415	0.418	0.422
	14	0.542	0.528	0.515	0.502	0.489	0.477	0.467	0.457	0.449	0.442	0.437	0.433	0.432	0.433	0.437	0.442
	13	0.555	0.542	0.529	0.517	0.504	0.493	0.482	0.473	0.465	0.459	0.454	0.451	0.450	0.453	0.457	0.462
	12	0.569	0.556	0.544	0.532	0.520	0.509	0.499	0.490	0.483	0.477	0.473	0.470	0.470	0.473	0.478	0.484
	11	0.583	0.571	0.560	0.548	0.537	0.526	0.516	0.508	0.501	0.496	0.493	0.491	0.491	0.495	0.500	0.507
	10	0.598	0.587	0.576	0.565	0.554	0.544	0.535	0.527	0.521	0.516	0.513	0.512	0.513	0.517	0.523	0.530
	9	0.614	0.603	0.593	0.582	0.572	0.562	0.554	0.547	0.541	0.537	0.535	0.534	0.535	0.540	0.546	0.552
	8	0.631	0.620	0.610	0.600	0.591	0.582	0.574	0.567	0.562	0.559	0.557	0.556	0.558	0.563	0.569	0.575
	7	0.648	0.638	0.628	0.619	0.610	0.602	0.595	0.589	0.584	0.581	0.580	0.580	0.581	0.586	0.591	0.597
	6	0.665	0.656	0.647	0.639	0.630	0.623	0.616	0.611	0.607	0.604	0.603	0.603	0.604	0.608	0.613	0.618
Beneficiary	5	0.683	0.675	0.667	0.658	0.651	0.644	0.638	0.633	0.629	0.627	0.626	0.625	0.626	0.630	0.634	0.638
younger	4	0.701	0.693	0.686	0.679	0.672	0.665	0.660	0.655	0.652	0.650	0.648	0.647	0.648	0.650	0.654	0.657
than	3	0.719	0.713	0.706	0.699	0.693	0.687	0.682	0.678	0.675	0.672	0.670	0.668	0.668	0.670	0.673	0.675
Retiree	2	0.738	0.732	0.726	0.719	0.714	0.708	0.704	0.700	0.696	0.693	0.691	0.689	0.688	0.689	0.690	0.690
	1	0.756	0.751	0.745	0.740	0.734	0.729	0.725	0.721	0.717	0.713	0.710	0.708	0.706	0.706	0.705	0.704
Beneficiary same age as Retiree	**0**	**0.774**	**0.769**	**0.765**	**0.760**	**0.755**	**0.750**	**0.745**	**0.740**	**0.736**	**0.732**	**0.729**	**0.725**	**0.722**	**0.720**	**0.719**	**0.718**
Beneficiary	-1	0.792	0.788	0.783	0.779	0.774	0.769	0.764	0.759	0.755	0.750	0.746	0.741	0.737	0.734	0.732	0.731
older	-2	0.809	0.806	0.802	0.797	0.792	0.787	0.782	0.777	0.772	0.767	0.761	0.755	0.750	0.747	0.745	0.744
than	-3	0.826	0.822	0.819	0.814	0.809	0.804	0.798	0.793	0.787	0.781	0.775	0.768	0.763	0.760	0.758	0.756
Retiree	-4	0.842	0.838	0.835	0.830	0.825	0.819	0.813	0.808	0.801	0.794	0.787	0.780	0.775	0.772	0.769	0.766
	-5	0.856	0.853	0.849	0.844	0.839	0.833	0.827	0.821	0.813	0.806	0.799	0.792	0.786	0.783	0.779	0.775
	-6	0.870	0.866	0.862	0.858	0.852	0.846	0.839	0.832	0.824	0.817	0.810	0.803	0.797	0.792	0.787	0.782
	-7	0.882	0.879	0.874	0.870	0.864	0.857	0.850	0.842	0.834	0.827	0.820	0.813	0.806	0.800	0.794	0.787
	-8	0.893	0.890	0.885	0.880	0.874	0.867	0.859	0.852	0.844	0.837	0.829	0.822	0.814	0.807	0.800	0.792
	-9	0.903	0.899	0.895	0.890	0.883	0.876	0.868	0.860	0.853	0.846	0.838	0.829	0.820	0.812	0.804	0.796
	-10	0.912	0.908	0.903	0.897	0.891	0.884	0.876	0.869	0.861	0.853	0.845	0.835	0.825	0.816	0.808	0.800
	-11	0.920	0.916	0.910	0.904	0.898	0.891	0.884	0.876	0.868	0.860	0.850	0.839	0.829	0.820	0.812	
	-12	0.926	0.922	0.917	0.911	0.905	0.898	0.891	0.883	0.874	0.865	0.854	0.843	0.833	0.824		
	-13	0.932	0.927	0.923	0.917	0.911	0.904	0.897	0.888	0.879	0.869	0.858	0.847	0.836			
	-14	0.937	0.933	0.928	0.923	0.916	0.910	0.902	0.893	0.883	0.872	0.861	0.850				
	-15	0.941	0.937	0.933	0.927	0.921	0.914	0.906	0.896	0.886	0.875	0.864					

Mortality Table: Blended Healthy Mortality, Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 6a: 100% Joint and Survivor Annuity - Option 2 - Healthy Members

(Factor Multiplied by Option 1 Non-Refund Life Annuity)

	Beneficiary Age Difference	Attained Age at Retirement															
		85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
Beneficiary	-16	0.946	0.942	0.937	0.932	0.925	0.917	0.908	0.899	0.889	0.878						
older	-17	0.949	0.946	0.941	0.935	0.928	0.920	0.911	0.901	0.891							
than	-18	0.953	0.949	0.944	0.938	0.931	0.922	0.913	0.904								
Retiree	-19	0.956	0.952	0.946	0.940	0.933	0.924	0.916									
	-20	0.958	0.954	0.948	0.942	0.935	0.926										
	-21	0.960	0.955	0.950	0.943	0.936											
	-22	0.961	0.957	0.951	0.945												
	-23	0.963	0.958	0.953													
	-24	0.964	0.959														
	-25	0.965															
	-26																
	-27																
	-28																
	-29																
	-30																
	-31																
	-32																
	-33																
	-34																
	-35																
	-36																
	-37																
	-38																
	-39																
	-40																
	-41																
	-42																
	-43																
	-44																
	-45																
	-46																
	-47																
	-48																
	-49																
	-50																
Beneficiary	-51																
older	-52																
than	-53																
Retiree	-54																
	-55																

Mortality Table: Blended Healthy Mortality, Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 6a: 100% Joint and Survivor Annuity - Option 2 - Healthy Members

(Factor Multiplied by Option 1 Non-Refund Life Annuity)

	Beneficiary Age Difference	Attained Age at Retirement															
		85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
Beneficiary older than Retiree	-56																
	-57																
	-58																
	-59																
	-60																
Beneficiary older than Retiree	-61																
	-62																
	-63																
	-64																
	-65																

Mortality Table: Blended Healthy Mortality, Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 6b: 100% Joint and Survivor Annuity - Option 2 - Disabled Members

(Factor Multiplied by Option 1 Non-Refund Life Annuity)

	Beneficiary Age Difference	Attained Age at Retirement																			
		20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
Beneficiary younger than Retiree	75																				
	74																				
	73																				
	72																				
	71																				
	70																				
	69																				
	68																				
	67																				
	66																				
	65																				
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	54																				
	53																				
	52																				
	51																				
	50																				
	49																				
	48																				
	47																				
	46																				
	45																				
	44																				
	43																				
	42																				
	41																				
	40																				
	39																				
	38																				0.779
	37																			0.784	0.780
	36																		0.788	0.784	0.780

Mortality Table: Blended Disabled Mortality, Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 6b: 100% Joint and Survivor Annuity - Option 2 - Disabled Members

(Factor Multiplied by Option 1 Non-Refund Life Annuity)

	Beneficiary Age Difference	Attained Age at Retirement																			
		20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
Beneficiary	35																	0.792	0.789	0.785	0.781
younger	34																0.796	0.793	0.789	0.785	0.781
than	33															0.800	0.797	0.793	0.790	0.786	0.782
Retiree	32														0.803	0.800	0.797	0.794	0.790	0.786	0.782
	31													0.806	0.804	0.801	0.798	0.794	0.791	0.787	0.783
	30												0.809	0.807	0.804	0.801	0.798	0.795	0.791	0.788	0.784
	29											0.812	0.810	0.807	0.805	0.802	0.799	0.796	0.792	0.788	0.784
	28										0.814	0.812	0.810	0.808	0.805	0.802	0.799	0.796	0.793	0.789	0.785
	27									0.817	0.815	0.813	0.810	0.808	0.806	0.803	0.800	0.797	0.794	0.790	0.786
	26								0.819	0.817	0.815	0.813	0.811	0.809	0.806	0.804	0.801	0.798	0.794	0.791	0.787
	25							0.821	0.819	0.817	0.816	0.814	0.812	0.809	0.807	0.804	0.801	0.798	0.795	0.792	0.788
	24						0.823	0.821	0.820	0.818	0.816	0.814	0.812	0.810	0.808	0.805	0.802	0.799	0.796	0.792	0.789
	23					0.824	0.823	0.822	0.820	0.818	0.817	0.815	0.813	0.811	0.808	0.806	0.803	0.800	0.797	0.793	0.790
	22				0.826	0.825	0.823	0.822	0.821	0.819	0.817	0.815	0.814	0.811	0.809	0.807	0.804	0.801	0.798	0.794	0.791
	21			0.828	0.826	0.825	0.824	0.823	0.821	0.820	0.818	0.816	0.814	0.812	0.810	0.807	0.805	0.802	0.799	0.795	0.792
	20		0.829	0.828	0.827	0.826	0.825	0.823	0.822	0.820	0.819	0.817	0.815	0.813	0.811	0.808	0.806	0.803	0.800	0.797	0.793
	19	0.830	0.829	0.828	0.827	0.826	0.825	0.824	0.822	0.821	0.819	0.818	0.816	0.814	0.812	0.809	0.807	0.804	0.801	0.798	0.794
	18	0.831	0.830	0.829	0.828	0.827	0.826	0.824	0.823	0.822	0.820	0.818	0.817	0.815	0.812	0.810	0.808	0.805	0.802	0.799	0.795
	17	0.831	0.830	0.829	0.828	0.827	0.826	0.825	0.824	0.822	0.821	0.819	0.817	0.815	0.813	0.811	0.809	0.806	0.803	0.800	0.797
	16	0.832	0.831	0.830	0.829	0.828	0.827	0.826	0.824	0.823	0.822	0.820	0.818	0.816	0.814	0.812	0.810	0.807	0.804	0.801	0.798
	15	0.832	0.831	0.830	0.830	0.829	0.828	0.826	0.825	0.824	0.822	0.821	0.819	0.817	0.815	0.813	0.811	0.808	0.806	0.803	0.799
	14	0.833	0.832	0.831	0.830	0.829	0.828	0.827	0.826	0.825	0.823	0.822	0.820	0.818	0.817	0.814	0.812	0.810	0.807	0.804	0.801
	13	0.833	0.832	0.832	0.831	0.830	0.829	0.828	0.827	0.826	0.824	0.823	0.821	0.820	0.818	0.816	0.813	0.811	0.808	0.806	0.803
	12	0.834	0.833	0.832	0.832	0.831	0.830	0.829	0.828	0.827	0.825	0.824	0.822	0.821	0.819	0.817	0.815	0.812	0.810	0.807	0.804
	11	0.834	0.834	0.833	0.832	0.831	0.831	0.830	0.829	0.827	0.826	0.825	0.823	0.822	0.820	0.818	0.816	0.814	0.811	0.809	0.806
	10	0.835	0.834	0.834	0.833	0.832	0.831	0.831	0.830	0.828	0.827	0.826	0.825	0.823	0.821	0.819	0.817	0.815	0.813	0.810	0.808
	9	0.836	0.835	0.834	0.834	0.833	0.832	0.831	0.831	0.829	0.828	0.827	0.826	0.824	0.823	0.821	0.819	0.817	0.815	0.812	0.809
	8	0.836	0.836	0.835	0.835	0.834	0.833	0.832	0.832	0.831	0.829	0.828	0.827	0.826	0.824	0.822	0.821	0.819	0.816	0.814	0.811
	7	0.837	0.837	0.836	0.835	0.835	0.834	0.833	0.833	0.832	0.831	0.829	0.828	0.827	0.825	0.824	0.822	0.820	0.818	0.816	0.813
	6	0.838	0.837	0.837	0.836	0.836	0.835	0.834	0.834	0.833	0.832	0.831	0.830	0.828	0.827	0.825	0.824	0.822	0.820	0.818	0.815
Beneficiary	5	0.839	0.838	0.838	0.837	0.837	0.836	0.835	0.835	0.834	0.833	0.832	0.831	0.830	0.828	0.827	0.825	0.824	0.822	0.820	0.817
younger	4	0.839	0.839	0.839	0.838	0.838	0.837	0.837	0.836	0.835	0.834	0.833	0.832	0.831	0.830	0.829	0.827	0.826	0.824	0.822	0.820
than	3	0.840	0.840	0.840	0.839	0.839	0.838	0.838	0.837	0.836	0.836	0.835	0.834	0.833	0.832	0.830	0.829	0.828	0.826	0.824	0.822
Retiree	2	0.841	0.841	0.841	0.840	0.840	0.839	0.839	0.838	0.838	0.837	0.836	0.835	0.835	0.833	0.832	0.831	0.829	0.828	0.826	0.824
	1	0.842	0.842	0.842	0.841	0.841	0.841	0.840	0.840	0.839	0.838	0.838	0.837	0.836	0.835	0.834	0.833	0.832	0.830	0.828	0.826
Beneficiary same age as Retiree	**0**	**0.843**	**0.843**	**0.843**	**0.842**	**0.842**	**0.842**	**0.841**	**0.841**	**0.841**	**0.840**	**0.839**	**0.839**	**0.838**	**0.837**	**0.836**	**0.835**	**0.834**	**0.832**	**0.831**	**0.829**

Mortality Table: Blended Disabled Mortality, Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 6b: 100% Joint and Survivor Annuity - Option 2 - Disabled Members

(Factor Multiplied by Option 1 Non-Refund Life Annuity)

	Beneficiary Age Difference	Attained Age at Retirement																			
		20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
Beneficiary	-1	0.844	0.844	0.844	0.843	0.843	0.843	0.843	0.842	0.842	0.841	0.841	0.840	0.840	0.839	0.838	0.837	0.836	0.834	0.833	0.831
older	-2	0.845	0.845	0.845	0.845	0.844	0.844	0.844	0.844	0.843	0.843	0.843	0.842	0.841	0.841	0.840	0.839	0.838	0.837	0.836	0.834
than	-3	0.846	0.846	0.846	0.846	0.846	0.846	0.845	0.845	0.845	0.845	0.844	0.844	0.843	0.843	0.842	0.841	0.840	0.839	0.838	0.837
Retiree	-4	0.847	0.847	0.847	0.847	0.847	0.847	0.847	0.847	0.847	0.846	0.846	0.846	0.845	0.845	0.844	0.843	0.843	0.842	0.841	0.839
	-5	0.848	0.848	0.848	0.848	0.848	0.848	0.848	0.848	0.848	0.848	0.848	0.848	0.847	0.847	0.846	0.846	0.845	0.844	0.843	0.842
	-6	0.849	0.849	0.849	0.850	0.850	0.850	0.850	0.850	0.850	0.850	0.850	0.850	0.849	0.849	0.849	0.848	0.848	0.847	0.846	0.845
	-7	0.850	0.850	0.851	0.851	0.851	0.851	0.851	0.852	0.852	0.852	0.852	0.851	0.851	0.851	0.851	0.851	0.850	0.850	0.849	0.848
	-8	0.851	0.852	0.852	0.852	0.853	0.853	0.853	0.853	0.853	0.853	0.854	0.854	0.854	0.853	0.853	0.853	0.853	0.852	0.852	0.851
	-9	0.853	0.853	0.853	0.854	0.854	0.854	0.855	0.855	0.855	0.855	0.856	0.856	0.856	0.856	0.856	0.856	0.855	0.855	0.855	0.854
	-10	0.854	0.854	0.855	0.855	0.856	0.856	0.856	0.857	0.857	0.857	0.858	0.858	0.858	0.858	0.858	0.858	0.858	0.858	0.858	0.857
	-11	0.855	0.856	0.856	0.857	0.857	0.858	0.858	0.859	0.859	0.859	0.860	0.860	0.860	0.861	0.861	0.861	0.861	0.861	0.861	0.861
	-12	0.857	0.857	0.858	0.858	0.859	0.859	0.860	0.860	0.861	0.861	0.862	0.862	0.863	0.863	0.863	0.864	0.864	0.864	0.864	0.864
	-13	0.858	0.859	0.859	0.860	0.861	0.861	0.862	0.862	0.863	0.864	0.864	0.865	0.865	0.866	0.866	0.866	0.867	0.867	0.867	0.867
	-14	0.860	0.860	0.861	0.862	0.862	0.863	0.864	0.864	0.865	0.866	0.866	0.867	0.868	0.868	0.869	0.869	0.870	0.870	0.871	0.871
	-15	0.861	0.862	0.863	0.863	0.864	0.865	0.866	0.867	0.867	0.868	0.869	0.870	0.870	0.871	0.872	0.872	0.873	0.873	0.874	0.874
	-16	0.863	0.863	0.864	0.865	0.866	0.867	0.868	0.869	0.870	0.870	0.871	0.872	0.873	0.874	0.875	0.875	0.876	0.877	0.877	0.878
	-17	0.864	0.865	0.866	0.867	0.868	0.869	0.870	0.871	0.872	0.873	0.874	0.875	0.876	0.877	0.878	0.878	0.879	0.880	0.881	0.882
	-18	0.866	0.867	0.868	0.869	0.870	0.871	0.872	0.873	0.874	0.875	0.876	0.877	0.879	0.880	0.881	0.882	0.883	0.884	0.884	0.885
	-19	0.868	0.869	0.870	0.871	0.872	0.873	0.874	0.875	0.877	0.878	0.879	0.880	0.881	0.883	0.884	0.885	0.886	0.887	0.888	0.889
	-20	0.869	0.871	0.872	0.873	0.874	0.875	0.877	0.878	0.879	0.880	0.882	0.883	0.884	0.886	0.887	0.888	0.889	0.891	0.892	0.893
	-21	0.871	0.872	0.874	0.875	0.876	0.878	0.879	0.880	0.882	0.883	0.884	0.886	0.887	0.889	0.890	0.892	0.893	0.894	0.896	0.897
	-22	0.873	0.874	0.876	0.877	0.878	0.880	0.881	0.883	0.884	0.886	0.887	0.889	0.890	0.892	0.893	0.895	0.896	0.898	0.899	0.901
	-23	0.875	0.876	0.878	0.879	0.881	0.882	0.884	0.885	0.887	0.889	0.890	0.892	0.893	0.895	0.897	0.898	0.900	0.902	0.903	0.905
	-24	0.877	0.879	0.880	0.882	0.883	0.885	0.886	0.888	0.890	0.891	0.893	0.895	0.897	0.898	0.900	0.902	0.904	0.905	0.907	0.909
	-25	0.879	0.881	0.882	0.884	0.886	0.887	0.889	0.891	0.892	0.894	0.896	0.898	0.900	0.902	0.904	0.905	0.907	0.909	0.911	0.913
	-26	0.881	0.883	0.885	0.886	0.888	0.890	0.892	0.893	0.895	0.897	0.899	0.901	0.903	0.905	0.907	0.909	0.911	0.913	0.915	0.917
	-27	0.884	0.885	0.887	0.889	0.891	0.892	0.894	0.896	0.898	0.900	0.902	0.904	0.906	0.908	0.911	0.913	0.915	0.917	0.919	0.921
	-28	0.886	0.888	0.889	0.891	0.893	0.895	0.897	0.899	0.901	0.903	0.905	0.908	0.910	0.912	0.914	0.916	0.918	0.920	0.922	0.924
	-29	0.888	0.890	0.892	0.894	0.896	0.898	0.900	0.902	0.904	0.906	0.909	0.911	0.913	0.915	0.918	0.920	0.922	0.924	0.926	0.928
	-30	0.890	0.892	0.894	0.896	0.899	0.901	0.903	0.905	0.907	0.910	0.912	0.914	0.917	0.919	0.921	0.923	0.926	0.928	0.930	0.932
	-31	0.893	0.895	0.897	0.899	0.901	0.904	0.906	0.908	0.910	0.913	0.915	0.918	0.920	0.922	0.925	0.927	0.929	0.932	0.934	0.936
	-32	0.895	0.897	0.900	0.902	0.904	0.906	0.909	0.911	0.914	0.916	0.918	0.921	0.923	0.926	0.928	0.931	0.933	0.935	0.938	0.940
	-33	0.898	0.900	0.902	0.905	0.907	0.909	0.912	0.914	0.917	0.919	0.922	0.924	0.927	0.929	0.932	0.934	0.937	0.939	0.941	0.944
	-34	0.901	0.903	0.905	0.907	0.910	0.912	0.915	0.917	0.920	0.922	0.925	0.928	0.930	0.933	0.935	0.938	0.940	0.943	0.945	0.947
	-35	0.903	0.906	0.908	0.910	0.913	0.915	0.918	0.921	0.923	0.926	0.928	0.931	0.934	0.936	0.939	0.941	0.944	0.946	0.948	0.951
Beneficiary	-36	0.906	0.908	0.911	0.913	0.916	0.918	0.921	0.924	0.926	0.929	0.932	0.934	0.937	0.939	0.942	0.945	0.947	0.950	0.952	0.954
older	-37	0.909	0.911	0.914	0.916	0.919	0.921	0.924	0.927	0.930	0.932	0.935	0.938	0.940	0.943	0.945	0.948	0.950	0.953	0.955	0.958
than	-38	0.911	0.914	0.917	0.919	0.922	0.925	0.927	0.930	0.933	0.935	0.938	0.941	0.943	0.946	0.949	0.951	0.954	0.956	0.958	0.961
Retiree	-39	0.914	0.917	0.920	0.922	0.925	0.928	0.930	0.933	0.936	0.939	0.941	0.944	0.947	0.949	0.952	0.954	0.957	0.959	0.962	0.964
	-40	0.917	0.920	0.923	0.925	0.928	0.931	0.933	0.936	0.939	0.942	0.944	0.947	0.950	0.952	0.955	0.958	0.960	0.962	0.965	0.967

Mortality Table: Blended Disabled Mortality, Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 6b: 100% Joint and Survivor Annuity - Option 2 - Disabled Members

(Factor Multiplied by Option 1 Non-Refund Life Annuity)

	Beneficiary Age Difference	Attained Age at Retirement																			
		20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
Beneficiary	-41	0.920	0.923	0.926	0.928	0.931	0.934	0.937	0.939	0.942	0.945	0.948	0.950	0.953	0.956	0.958	0.961	0.963	0.965	0.968	0.970
older	-42	0.923	0.926	0.929	0.931	0.934	0.937	0.940	0.942	0.945	0.948	0.951	0.953	0.956	0.959	0.961	0.963	0.966	0.968	0.970	0.972
than	-43	0.926	0.929	0.932	0.934	0.937	0.940	0.943	0.945	0.948	0.951	0.954	0.956	0.959	0.961	0.964	0.966	0.969	0.971	0.973	0.975
Retiree	-44	0.929	0.932	0.935	0.937	0.940	0.943	0.946	0.948	0.951	0.954	0.957	0.959	0.962	0.964	0.967	0.969	0.971	0.973	0.975	0.977
	-45	0.932	0.935	0.938	0.940	0.943	0.946	0.949	0.951	0.954	0.957	0.959	0.962	0.964	0.967	0.969	0.971	0.974	0.976	0.978	0.979
	-46	0.935	0.938	0.940	0.943	0.946	0.949	0.952	0.954	0.957	0.960	0.962	0.965	0.967	0.970	0.972	0.974	0.976	0.978	0.980	0.981
	-47	0.938	0.941	0.943	0.946	0.949	0.952	0.955	0.957	0.960	0.962	0.965	0.967	0.970	0.972	0.974	0.976	0.978	0.980	0.982	0.983
	-48	0.941	0.944	0.946	0.949	0.952	0.955	0.957	0.960	0.963	0.965	0.968	0.970	0.972	0.974	0.976	0.978	0.980	0.982	0.984	0.985
	-49	0.944	0.947	0.949	0.952	0.955	0.958	0.960	0.963	0.965	0.968	0.970	0.972	0.975	0.977	0.979	0.980	0.982	0.984	0.985	0.987
	-50	0.947	0.949	0.952	0.955	0.958	0.960	0.963	0.965	0.968	0.970	0.972	0.975	0.977	0.979	0.981	0.982	0.984	0.985	0.987	0.988
	-51	0.950	0.952	0.955	0.958	0.960	0.963	0.965	0.968	0.970	0.973	0.975	0.977	0.979	0.981	0.982	0.984	0.986	0.987	0.988	0.989
	-52	0.952	0.955	0.958	0.960	0.963	0.966	0.968	0.970	0.973	0.975	0.977	0.979	0.981	0.983	0.984	0.986	0.987	0.988	0.990	0.991
	-53	0.955	0.958	0.961	0.963	0.966	0.968	0.970	0.973	0.975	0.977	0.979	0.981	0.983	0.984	0.986	0.987	0.989	0.990	0.991	0.992
	-54	0.958	0.961	0.963	0.966	0.968	0.971	0.973	0.975	0.977	0.979	0.981	0.983	0.984	0.986	0.987	0.989	0.990	0.991	0.992	0.992
	-55	0.961	0.963	0.966	0.968	0.971	0.973	0.975	0.977	0.979	0.981	0.983	0.984	0.986	0.987	0.989	0.990	0.991	0.992	0.993	0.993
	-56	0.963	0.966	0.968	0.971	0.973	0.975	0.977	0.979	0.981	0.983	0.985	0.986	0.987	0.989	0.990	0.991	0.992	0.993	0.993	0.994
	-57	0.966	0.968	0.971	0.973	0.975	0.977	0.979	0.981	0.983	0.985	0.986	0.987	0.989	0.990	0.991	0.992	0.993	0.993	0.994	0.994
	-58	0.968	0.971	0.973	0.975	0.977	0.979	0.981	0.983	0.985	0.986	0.988	0.989	0.990	0.991	0.992	0.993	0.993	0.994	0.995	0.995
	-59	0.971	0.973	0.975	0.977	0.979	0.981	0.983	0.985	0.986	0.988	0.989	0.990	0.991	0.992	0.993	0.993	0.994	0.995	0.995	0.995
	-60	0.973	0.975	0.977	0.979	0.981	0.983	0.985	0.986	0.988	0.989	0.990	0.991	0.992	0.993	0.993	0.994	0.995	0.995	0.995	0.996
	-61	0.975	0.977	0.979	0.981	0.983	0.985	0.986	0.988	0.989	0.990	0.991	0.992	0.993	0.993	0.994	0.995	0.995	0.995	0.996	0.996
	-62	0.978	0.979	0.981	0.983	0.985	0.986	0.988	0.989	0.990	0.991	0.992	0.993	0.994	0.994	0.995	0.995	0.995	0.996	0.996	0.996
	-63	0.980	0.981	0.983	0.985	0.986	0.988	0.989	0.990	0.991	0.992	0.993	0.994	0.994	0.995	0.995	0.996	0.996	0.996	0.996	0.997
	-64	0.981	0.983	0.985	0.986	0.988	0.989	0.990	0.991	0.992	0.993	0.994	0.994	0.995	0.995	0.996	0.996	0.996	0.996	0.997	0.997
	-65	0.983	0.985	0.986	0.988	0.989	0.990	0.991	0.992	0.993	0.994	0.994	0.995	0.995	0.996	0.996	0.996	0.996	0.997	0.997	0.997
	-66	0.985	0.986	0.988	0.989	0.990	0.991	0.992	0.993	0.994	0.994	0.995	0.995	0.996	0.996	0.996	0.996	0.997	0.997	0.997	0.997
	-67	0.986	0.988	0.989	0.990	0.991	0.992	0.993	0.994	0.994	0.995	0.995	0.996	0.996	0.996	0.996	0.997	0.997	0.997	0.997	0.997
	-68	0.988	0.989	0.990	0.991	0.992	0.993	0.994	0.994	0.995	0.995	0.996	0.996	0.996	0.996	0.997	0.997	0.997	0.997	0.997	0.997
	-69	0.989	0.990	0.991	0.992	0.993	0.994	0.994	0.995	0.995	0.996	0.996	0.996	0.996	0.997	0.997	0.997	0.997	0.997	0.997	0.998
	-70	0.990	0.991	0.992	0.993	0.994	0.994	0.995	0.995	0.996	0.996	0.996	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.998	0.998
	-71	0.991	0.992	0.993	0.994	0.994	0.995	0.995	0.996	0.996	0.996	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.998	0.998	0.998
	-72	0.992	0.993	0.994	0.994	0.995	0.995	0.996	0.996	0.996	0.997	0.997	0.997	0.997	0.997	0.997	0.998	0.998	0.998	0.998	
	-73	0.993	0.994	0.994	0.995	0.995	0.996	0.996	0.996	0.997	0.997	0.997	0.997	0.997	0.997	0.998	0.998	0.998	0.998		
	-74	0.994	0.994	0.995	0.995	0.996	0.996	0.996	0.997	0.997	0.997	0.997	0.997	0.997	0.998	0.998	0.998	0.998			
	-75	0.994	0.995	0.995	0.996	0.996	0.996	0.997	0.997	0.997	0.997	0.997	0.997	0.998	0.998	0.998	0.998				
Beneficiary	-76	0.995	0.995	0.996	0.996	0.996	0.997	0.997	0.997	0.997	0.997	0.997	0.998	0.998	0.998	0.998					
older	-77	0.995	0.996	0.996	0.996	0.997	0.997	0.997	0.997	0.997	0.997	0.998	0.998	0.998	0.998						
than	-78	0.996	0.996	0.996	0.997	0.997	0.997	0.997	0.997	0.997	0.998	0.998	0.998	0.998							
Retiree	-79	0.996	0.996	0.997	0.997	0.997	0.997	0.997	0.997	0.998	0.998	0.998	0.998								
	-80	0.996	0.997	0.997	0.997	0.997	0.997	0.997	0.998	0.998	0.998	0.998									

Mortality Table: Blended Disabled Mortality, Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 6b: 100% Joint and Survivor Annuity - Option 2 - Disabled Members

(Factor Multiplied by Option 1 Non-Refund Life Annuity)

	Beneficiary Age Difference	Attained Age at Retirement																			
		20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
Beneficiary	-81	0.997	0.997	0.997	0.997	0.997	0.997	0.998	0.998	0.998	0.998										
older	-82	0.997	0.997	0.997	0.997	0.998	0.998	0.998	0.998	0.998											
than	-83	0.997	0.997	0.997	0.998	0.998	0.998	0.998	0.998												
Retiree	-84	0.997	0.997	0.998	0.998	0.998	0.998	0.998													
	-85	0.997	0.998	0.998	0.998	0.998	0.998														
	-86	0.998	0.998	0.998	0.998	0.998															
	-87	0.998	0.998	0.998	0.998																
	-88	0.998	0.998	0.998																	
	-89	0.998	0.998																		
	-90	0.998																			

Mortality Table: Blended Disabled Mortality, Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 6b: 100% Joint and Survivor Annuity - Option 2 - Disabled Members

(Factor Multiplied by Option 1 Non-Refund Life Annuity)

	Beneficiary Age Difference	Attained Age at Retirement																			
		40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59
Beneficiary younger than Retiree	75																				
	74																				
	73																				
	72																				
	71																				
	70																				
	69																				
	68																				
	67																				
	66																				
	65																				
	64																				
	63																				
	62																				
	61																				
	60																				
	59																				
	58																				0.633
	57																			0.642	0.633
	56																		0.650	0.642	0.634
	55																	0.658	0.650	0.642	0.634
	54																0.666	0.658	0.651	0.643	0.635
	53															0.674	0.666	0.659	0.651	0.643	0.635
	52														0.681	0.674	0.667	0.659	0.652	0.644	0.636
	51													0.689	0.682	0.674	0.667	0.660	0.652	0.644	0.636
	50												0.697	0.689	0.682	0.675	0.668	0.660	0.653	0.645	0.637
	49											0.704	0.697	0.690	0.682	0.675	0.668	0.661	0.653	0.646	0.638
	48										0.712	0.705	0.697	0.690	0.683	0.676	0.669	0.661	0.654	0.646	0.638
	47									0.720	0.712	0.705	0.698	0.691	0.684	0.676	0.669	0.662	0.655	0.647	0.639
	46								0.727	0.720	0.713	0.706	0.698	0.691	0.684	0.677	0.670	0.663	0.655	0.648	0.640
	45							0.735	0.728	0.720	0.713	0.706	0.699	0.692	0.685	0.678	0.671	0.663	0.656	0.649	0.641
	44						0.743	0.735	0.728	0.721	0.714	0.707	0.700	0.692	0.685	0.678	0.671	0.664	0.657	0.649	0.641
	43					0.750	0.743	0.736	0.729	0.721	0.714	0.707	0.700	0.693	0.686	0.679	0.672	0.665	0.658	0.650	0.642
	42				0.757	0.750	0.744	0.736	0.729	0.722	0.715	0.708	0.701	0.694	0.687	0.680	0.673	0.666	0.659	0.651	0.643
	41			0.763	0.757	0.751	0.744	0.737	0.730	0.723	0.716	0.709	0.702	0.695	0.688	0.681	0.674	0.667	0.660	0.652	0.644
	40		0.769	0.763	0.758	0.751	0.745	0.737	0.730	0.723	0.716	0.709	0.702	0.695	0.688	0.682	0.675	0.668	0.661	0.653	0.645
	39	0.774	0.769	0.764	0.758	0.752	0.745	0.738	0.731	0.724	0.717	0.710	0.703	0.696	0.689	0.683	0.676	0.669	0.662	0.654	0.647
	38	0.775	0.770	0.764	0.759	0.752	0.746	0.739	0.732	0.725	0.718	0.711	0.704	0.697	0.690	0.683	0.677	0.670	0.663	0.655	0.648
	37	0.775	0.770	0.765	0.759	0.753	0.746	0.739	0.732	0.725	0.718	0.712	0.705	0.698	0.691	0.684	0.678	0.671	0.664	0.657	0.649
	36	0.776	0.771	0.765	0.760	0.754	0.747	0.740	0.733	0.726	0.719	0.712	0.706	0.699	0.692	0.686	0.679	0.672	0.665	0.658	0.650

Mortality Table: Blended Disabled Mortality, Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 6b: 100% Joint and Survivor Annuity - Option 2 - Disabled Members

(Factor Multiplied by Option 1 Non-Refund Life Annuity)

	Beneficiary Age Difference	Attained Age at Retirement																			
		40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59
Beneficiary younger than Retiree	35	0.776	0.771	0.766	0.760	0.754	0.748	0.741	0.734	0.727	0.720	0.713	0.707	0.700	0.693	0.687	0.680	0.673	0.666	0.659	0.652
	34	0.777	0.772	0.767	0.761	0.755	0.749	0.742	0.735	0.728	0.721	0.714	0.708	0.701	0.694	0.688	0.681	0.675	0.668	0.661	0.653
	33	0.777	0.773	0.767	0.762	0.756	0.749	0.743	0.736	0.729	0.722	0.715	0.709	0.702	0.696	0.689	0.683	0.676	0.669	0.662	0.655
	32	0.778	0.773	0.768	0.763	0.757	0.750	0.743	0.737	0.730	0.723	0.716	0.710	0.703	0.697	0.690	0.684	0.677	0.671	0.664	0.657
	31	0.779	0.774	0.769	0.763	0.758	0.751	0.744	0.738	0.731	0.724	0.718	0.711	0.705	0.698	0.692	0.685	0.679	0.672	0.665	0.658
	30	0.779	0.775	0.770	0.764	0.758	0.752	0.745	0.739	0.732	0.725	0.719	0.712	0.706	0.700	0.693	0.687	0.680	0.674	0.667	0.660
	29	0.780	0.776	0.771	0.765	0.759	0.753	0.746	0.740	0.733	0.727	0.720	0.714	0.707	0.701	0.695	0.688	0.682	0.676	0.669	0.662
	28	0.781	0.776	0.771	0.766	0.760	0.754	0.748	0.741	0.734	0.728	0.721	0.715	0.709	0.703	0.696	0.690	0.684	0.678	0.671	0.664
	27	0.782	0.777	0.772	0.767	0.761	0.755	0.749	0.742	0.736	0.729	0.723	0.717	0.710	0.704	0.698	0.692	0.686	0.680	0.673	0.666
	26	0.783	0.778	0.773	0.768	0.763	0.756	0.750	0.743	0.737	0.731	0.724	0.718	0.712	0.706	0.700	0.694	0.688	0.682	0.675	0.669
	25	0.784	0.779	0.774	0.769	0.764	0.758	0.751	0.745	0.738	0.732	0.726	0.720	0.714	0.708	0.702	0.696	0.690	0.684	0.678	0.671
	24	0.785	0.780	0.776	0.770	0.765	0.759	0.752	0.746	0.740	0.734	0.727	0.721	0.715	0.710	0.704	0.698	0.692	0.686	0.680	0.673
	23	0.786	0.781	0.777	0.772	0.766	0.760	0.754	0.748	0.741	0.735	0.729	0.723	0.717	0.711	0.706	0.700	0.694	0.688	0.682	0.676
	22	0.787	0.782	0.778	0.773	0.767	0.762	0.755	0.749	0.743	0.737	0.731	0.725	0.719	0.714	0.708	0.702	0.697	0.691	0.685	0.679
	21	0.788	0.784	0.779	0.774	0.769	0.763	0.757	0.751	0.745	0.739	0.733	0.727	0.721	0.716	0.710	0.705	0.699	0.694	0.688	0.682
	20	0.789	0.785	0.780	0.776	0.770	0.765	0.759	0.752	0.746	0.741	0.735	0.729	0.724	0.718	0.713	0.707	0.702	0.696	0.691	0.685
	19	0.790	0.786	0.782	0.777	0.772	0.766	0.760	0.754	0.748	0.743	0.737	0.731	0.726	0.720	0.715	0.710	0.705	0.699	0.694	0.688
	18	0.792	0.788	0.783	0.779	0.773	0.768	0.762	0.756	0.750	0.745	0.739	0.734	0.728	0.723	0.718	0.713	0.708	0.702	0.697	0.691
	17	0.793	0.789	0.785	0.780	0.775	0.770	0.764	0.758	0.752	0.747	0.741	0.736	0.731	0.726	0.721	0.716	0.711	0.706	0.700	0.695
	16	0.794	0.791	0.786	0.782	0.777	0.772	0.766	0.760	0.755	0.749	0.744	0.738	0.733	0.728	0.723	0.719	0.714	0.709	0.704	0.699
	15	0.796	0.792	0.788	0.784	0.779	0.774	0.768	0.762	0.757	0.751	0.746	0.741	0.736	0.731	0.726	0.722	0.717	0.712	0.707	0.702
	14	0.798	0.794	0.790	0.785	0.781	0.776	0.770	0.764	0.759	0.754	0.749	0.744	0.739	0.734	0.730	0.725	0.720	0.716	0.711	0.706
	13	0.799	0.796	0.792	0.787	0.783	0.778	0.772	0.767	0.762	0.756	0.751	0.747	0.742	0.737	0.733	0.728	0.724	0.720	0.715	0.711
	12	0.801	0.797	0.794	0.789	0.785	0.780	0.775	0.769	0.764	0.759	0.754	0.750	0.745	0.741	0.736	0.732	0.728	0.724	0.719	0.715
	11	0.803	0.799	0.796	0.791	0.787	0.782	0.777	0.772	0.767	0.762	0.757	0.753	0.748	0.744	0.740	0.736	0.732	0.728	0.724	0.720
	10	0.805	0.801	0.798	0.794	0.789	0.785	0.779	0.774	0.770	0.765	0.760	0.756	0.752	0.747	0.744	0.740	0.736	0.732	0.728	0.724
	9	0.806	0.803	0.800	0.796	0.792	0.787	0.782	0.777	0.772	0.768	0.763	0.759	0.755	0.751	0.747	0.744	0.740	0.737	0.733	0.729
	8	0.808	0.805	0.802	0.798	0.794	0.790	0.785	0.780	0.775	0.771	0.767	0.763	0.759	0.755	0.751	0.748	0.745	0.741	0.738	0.734
	7	0.810	0.807	0.804	0.801	0.797	0.792	0.787	0.783	0.778	0.774	0.770	0.766	0.762	0.759	0.756	0.752	0.749	0.746	0.743	0.740
	6	0.813	0.810	0.807	0.803	0.799	0.795	0.790	0.786	0.782	0.777	0.774	0.770	0.766	0.763	0.760	0.757	0.754	0.751	0.748	0.745
Beneficiary younger than Retiree	5	0.815	0.812	0.809	0.806	0.802	0.798	0.793	0.789	0.785	0.781	0.777	0.774	0.770	0.767	0.764	0.762	0.759	0.756	0.754	0.751
	4	0.817	0.814	0.811	0.808	0.805	0.801	0.796	0.792	0.788	0.785	0.781	0.778	0.774	0.772	0.769	0.766	0.764	0.762	0.759	0.757
	3	0.819	0.817	0.814	0.811	0.808	0.804	0.800	0.796	0.792	0.788	0.785	0.782	0.779	0.776	0.774	0.771	0.769	0.767	0.765	0.763
	2	0.822	0.819	0.817	0.814	0.811	0.807	0.803	0.799	0.795	0.792	0.789	0.786	0.783	0.781	0.779	0.777	0.775	0.773	0.771	0.769
	1	0.824	0.822	0.820	0.817	0.814	0.810	0.806	0.803	0.799	0.796	0.793	0.790	0.788	0.786	0.784	0.782	0.780	0.779	0.777	0.776
Beneficiary same age as Retiree	**0**	**0.827**	**0.825**	**0.822**	**0.820**	**0.817**	**0.813**	**0.810**	**0.806**	**0.803**	**0.800**	**0.797**	**0.795**	**0.792**	**0.791**	**0.789**	**0.787**	**0.786**	**0.785**	**0.784**	**0.782**

Mortality Table: Blended Disabled Mortality, Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 6b: 100% Joint and Survivor Annuity - Option 2 - Disabled Members

(Factor Multiplied by Option 1 Non-Refund Life Annuity)

	Beneficiary Age Difference	Attained Age at Retirement																			
		40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59
Beneficiary	-1	0.830	0.828	0.825	0.823	0.820	0.817	0.813	0.810	0.807	0.804	0.802	0.799	0.797	0.796	0.794	0.793	0.792	0.791	0.790	0.789
older	-2	0.832	0.830	0.828	0.826	0.823	0.820	0.817	0.814	0.811	0.808	0.806	0.804	0.802	0.801	0.800	0.799	0.798	0.797	0.797	0.796
than	-3	0.835	0.833	0.831	0.829	0.827	0.824	0.821	0.818	0.815	0.813	0.811	0.809	0.807	0.806	0.805	0.804	0.804	0.804	0.803	0.803
Retiree	-4	0.838	0.836	0.835	0.833	0.830	0.828	0.825	0.822	0.819	0.817	0.815	0.814	0.812	0.811	0.811	0.810	0.810	0.810	0.810	0.810
	-5	0.841	0.839	0.838	0.836	0.834	0.831	0.829	0.826	0.824	0.822	0.820	0.819	0.818	0.817	0.817	0.816	0.816	0.817	0.817	0.817
	-6	0.844	0.843	0.841	0.839	0.837	0.835	0.833	0.830	0.828	0.827	0.825	0.824	0.823	0.823	0.822	0.823	0.823	0.823	0.824	0.825
	-7	0.847	0.846	0.845	0.843	0.841	0.839	0.837	0.835	0.833	0.831	0.830	0.829	0.829	0.828	0.828	0.829	0.829	0.830	0.831	0.832
	-8	0.850	0.849	0.848	0.847	0.845	0.843	0.841	0.839	0.838	0.836	0.835	0.834	0.834	0.834	0.834	0.835	0.836	0.837	0.838	0.839
	-9	0.853	0.853	0.852	0.850	0.849	0.847	0.845	0.844	0.842	0.841	0.840	0.840	0.840	0.840	0.841	0.841	0.842	0.844	0.845	0.846
	-10	0.857	0.856	0.855	0.854	0.853	0.852	0.850	0.848	0.847	0.846	0.846	0.845	0.846	0.846	0.847	0.848	0.849	0.851	0.852	0.854
	-11	0.860	0.860	0.859	0.858	0.857	0.856	0.854	0.853	0.852	0.851	0.851	0.851	0.851	0.852	0.853	0.854	0.856	0.857	0.859	0.861
	-12	0.864	0.863	0.863	0.862	0.861	0.860	0.859	0.858	0.857	0.857	0.856	0.857	0.857	0.858	0.859	0.861	0.862	0.864	0.866	0.868
	-13	0.867	0.867	0.867	0.866	0.866	0.865	0.863	0.863	0.862	0.862	0.862	0.862	0.863	0.864	0.865	0.867	0.869	0.871	0.873	0.876
	-14	0.871	0.871	0.871	0.870	0.870	0.869	0.868	0.867	0.867	0.867	0.867	0.868	0.869	0.870	0.872	0.874	0.876	0.878	0.880	0.883
	-15	0.875	0.875	0.875	0.875	0.874	0.874	0.873	0.872	0.872	0.872	0.873	0.874	0.875	0.876	0.878	0.880	0.882	0.885	0.887	0.890
	-16	0.878	0.879	0.879	0.879	0.879	0.878	0.878	0.877	0.877	0.878	0.878	0.879	0.881	0.882	0.884	0.886	0.889	0.891	0.894	0.897
	-17	0.882	0.883	0.883	0.883	0.883	0.883	0.883	0.882	0.883	0.883	0.884	0.885	0.886	0.888	0.890	0.893	0.895	0.898	0.901	0.904
	-18	0.886	0.887	0.887	0.888	0.888	0.888	0.887	0.887	0.888	0.888	0.889	0.891	0.892	0.894	0.896	0.899	0.902	0.904	0.907	0.910
	-19	0.890	0.891	0.891	0.892	0.892	0.892	0.892	0.893	0.893	0.894	0.895	0.896	0.898	0.900	0.902	0.905	0.908	0.911	0.914	0.917
	-20	0.894	0.895	0.896	0.896	0.897	0.897	0.897	0.898	0.898	0.899	0.900	0.902	0.904	0.906	0.908	0.911	0.914	0.917	0.920	0.923
	-21	0.898	0.899	0.900	0.901	0.901	0.902	0.902	0.903	0.903	0.904	0.906	0.907	0.909	0.912	0.914	0.917	0.920	0.923	0.926	0.929
	-22	0.902	0.903	0.904	0.905	0.906	0.907	0.907	0.908	0.908	0.910	0.911	0.913	0.915	0.917	0.920	0.923	0.926	0.929	0.932	0.935
	-23	0.906	0.907	0.909	0.910	0.911	0.911	0.912	0.912	0.914	0.915	0.916	0.918	0.920	0.923	0.925	0.928	0.931	0.934	0.938	0.941
	-24	0.910	0.912	0.913	0.914	0.915	0.916	0.917	0.917	0.919	0.920	0.922	0.924	0.926	0.928	0.931	0.934	0.937	0.940	0.943	0.946
	-25	0.914	0.916	0.917	0.918	0.920	0.921	0.921	0.922	0.924	0.925	0.927	0.929	0.931	0.933	0.936	0.939	0.942	0.945	0.948	0.951
	-26	0.918	0.920	0.921	0.923	0.924	0.925	0.926	0.927	0.928	0.930	0.932	0.934	0.936	0.939	0.941	0.944	0.947	0.950	0.953	0.956
	-27	0.922	0.924	0.926	0.927	0.928	0.930	0.931	0.932	0.933	0.935	0.937	0.939	0.941	0.943	0.946	0.949	0.952	0.954	0.957	0.960
	-28	0.926	0.928	0.930	0.931	0.933	0.934	0.935	0.936	0.938	0.939	0.941	0.943	0.946	0.948	0.951	0.953	0.956	0.959	0.961	0.964
	-29	0.930	0.932	0.934	0.936	0.937	0.938	0.940	0.941	0.942	0.944	0.946	0.948	0.950	0.953	0.955	0.958	0.960	0.963	0.965	0.968
	-30	0.934	0.936	0.938	0.940	0.941	0.943	0.944	0.945	0.947	0.948	0.950	0.952	0.954	0.957	0.959	0.962	0.964	0.967	0.969	0.971
	-31	0.938	0.940	0.942	0.944	0.945	0.947	0.948	0.949	0.951	0.953	0.954	0.956	0.959	0.961	0.963	0.965	0.968	0.970	0.972	0.974
	-32	0.942	0.944	0.946	0.948	0.949	0.951	0.952	0.953	0.955	0.957	0.958	0.960	0.962	0.965	0.967	0.969	0.971	0.973	0.975	0.977
	-33	0.946	0.948	0.950	0.952	0.953	0.955	0.956	0.957	0.959	0.961	0.962	0.964	0.966	0.968	0.970	0.972	0.974	0.976	0.978	0.979
	-34	0.949	0.951	0.953	0.955	0.957	0.958	0.960	0.961	0.963	0.964	0.966	0.968	0.969	0.971	0.973	0.975	0.977	0.979	0.980	0.981
	-35	0.953	0.955	0.957	0.959	0.960	0.962	0.963	0.965	0.966	0.968	0.969	0.971	0.973	0.974	0.976	0.978	0.979	0.981	0.982	0.983
Beneficiary	-36	0.956	0.958	0.960	0.962	0.964	0.965	0.967	0.968	0.969	0.971	0.972	0.974	0.976	0.977	0.979	0.980	0.981	0.983	0.984	0.985
older	-37	0.960	0.962	0.964	0.966	0.967	0.969	0.970	0.971	0.972	0.974	0.975	0.977	0.978	0.980	0.981	0.982	0.983	0.985	0.986	0.986
than	-38	0.963	0.965	0.967	0.969	0.970	0.972	0.973	0.974	0.975	0.977	0.978	0.979	0.980	0.982	0.983	0.984	0.985	0.986	0.987	0.988
Retiree	-39	0.966	0.968	0.970	0.972	0.973	0.974	0.976	0.977	0.978	0.979	0.980	0.981	0.983	0.984	0.985	0.986	0.987	0.987	0.988	0.989
	-40	0.969	0.971	0.973	0.974	0.976	0.977	0.978	0.979	0.980	0.981	0.982	0.983	0.984	0.985	0.986	0.987	0.988	0.988	0.989	0.989

Mortality Table: Blended Disabled Mortality, Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 6b: 100% Joint and Survivor Annuity - Option 2 - Disabled Members

(Factor Multiplied by Option 1 Non-Refund Life Annuity)

	Beneficiary Age Difference	Attained Age at Retirement																			
		40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59
Beneficiary	-41	0.972	0.974	0.975	0.977	0.978	0.979	0.980	0.981	0.982	0.983	0.984	0.985	0.986	0.987	0.988	0.988	0.989	0.989	0.990	0.990
older	-42	0.974	0.976	0.978	0.979	0.981	0.982	0.983	0.984	0.984	0.985	0.986	0.987	0.987	0.988	0.989	0.989	0.990	0.990	0.991	0.991
than	-43	0.977	0.978	0.980	0.981	0.983	0.984	0.985	0.985	0.986	0.987	0.988	0.988	0.989	0.989	0.990	0.990	0.991	0.991	0.991	0.992
Retiree	-44	0.979	0.981	0.982	0.983	0.985	0.986	0.986	0.987	0.988	0.988	0.989	0.989	0.990	0.990	0.991	0.991	0.991	0.992	0.992	0.992
	-45	0.981	0.983	0.984	0.985	0.986	0.987	0.988	0.988	0.989	0.989	0.990	0.990	0.991	0.991	0.991	0.992	0.992	0.992	0.992	0.993
	-46	0.983	0.984	0.986	0.987	0.988	0.989	0.989	0.990	0.990	0.991	0.991	0.991	0.991	0.992	0.992	0.992	0.993	0.993	0.993	0.993
	-47	0.985	0.986	0.987	0.988	0.989	0.990	0.990	0.991	0.991	0.991	0.992	0.992	0.992	0.992	0.993	0.993	0.993	0.993	0.993	0.993
	-48	0.986	0.988	0.989	0.990	0.990	0.991	0.991	0.992	0.992	0.992	0.992	0.993	0.993	0.993	0.993	0.993	0.993	0.994	0.994	0.994
	-49	0.988	0.989	0.990	0.991	0.991	0.992	0.992	0.992	0.993	0.993	0.993	0.993	0.993	0.993	0.994	0.994	0.994	0.994	0.994	0.994
	-50	0.989	0.990	0.991	0.992	0.992	0.993	0.993	0.993	0.993	0.993	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994
	-51	0.990	0.991	0.992	0.993	0.993	0.993	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994
	-52	0.991	0.992	0.993	0.993	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.995	0.995	0.995	0.995	0.995	0.995	0.994	0.994	
	-53	0.992	0.993	0.994	0.994	0.994	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995		
	-54	0.993	0.994	0.994	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995			
	-55	0.994	0.994	0.995	0.995	0.995	0.995	0.995	0.995	0.996	0.996	0.995	0.995	0.995	0.995	0.995	0.995				
	-56	0.994	0.995	0.995	0.995	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.995	0.995	0.995					
	-57	0.995	0.995	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996						
	-58	0.995	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996							
	-59	0.996	0.996	0.996	0.996	0.997	0.997	0.997	0.996	0.996	0.996	0.996	0.996								
	-60	0.996	0.996	0.996	0.997	0.997	0.997	0.997	0.997	0.996	0.996	0.996									
	-61	0.996	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.996										
	-62	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997											
	-63	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997												
	-64	0.997	0.997	0.997	0.997	0.997	0.997	0.997													
	-65	0.997	0.997	0.997	0.997	0.997	0.997														
	-66	0.997	0.997	0.997	0.997	0.997															
	-67	0.997	0.997	0.998	0.998																
	-68	0.998	0.998	0.998																	
	-69	0.998	0.998																		
	-70	0.998																			
	-71																				
	-72																				
	-73																				
	-74																				
	-75																				
Beneficiary	-76																				
older	-77																				
than	-78																				
Retiree	-79																				
	-80																				

Mortality Table: Blended Disabled Mortality, Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 6b: 100% Joint and Survivor Annuity - Option 2 - Disabled Members

(Factor Multiplied by Option 1 Non-Refund Life Annuity)

	Beneficiary Age Difference	Attained Age at Retirement																			
		40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59
Beneficiary	-81																				
older	-82																				
than	-83																				
Retiree	-84																				
	-85																				
	-86																				
	-87																				
	-88																				
	-89																				
	-90																				

Mortality Table: Blended Disabled Mortality, Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 6b: 100% Joint and Survivor Annuity - Option 2 - Disabled Members

(Factor Multiplied by Option 1 Non-Refund Life Annuity)

	Beneficiary Age Difference	Attained Age at Retirement															
		60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75
Beneficiary younger than Retiree	75																
	74																0.446
	73															0.459	0.446
	72														0.472	0.459	0.446
	71													0.485	0.472	0.459	0.446
	70												0.498	0.486	0.473	0.460	0.447
	69											0.511	0.499	0.486	0.473	0.460	0.447
	68										0.524	0.512	0.499	0.486	0.473	0.460	0.447
	67									0.537	0.524	0.512	0.499	0.487	0.474	0.461	0.448
	66								0.549	0.537	0.525	0.512	0.500	0.487	0.474	0.461	0.448
	65							0.561	0.549	0.537	0.525	0.513	0.500	0.487	0.475	0.462	0.449
	64						0.572	0.561	0.550	0.538	0.525	0.513	0.501	0.488	0.475	0.462	0.449
	63					0.583	0.573	0.561	0.550	0.538	0.526	0.514	0.501	0.488	0.476	0.463	0.450
	62				0.594	0.584	0.573	0.562	0.550	0.539	0.526	0.514	0.502	0.489	0.476	0.463	0.450
	61			0.605	0.594	0.584	0.573	0.562	0.551	0.539	0.527	0.515	0.502	0.489	0.477	0.464	0.451
	60		0.614	0.605	0.595	0.584	0.574	0.563	0.551	0.539	0.527	0.515	0.503	0.490	0.477	0.465	0.452
	59	0.624	0.615	0.605	0.595	0.585	0.574	0.563	0.552	0.540	0.528	0.516	0.503	0.491	0.478	0.465	0.452
	58	0.624	0.615	0.606	0.596	0.585	0.575	0.564	0.552	0.541	0.529	0.516	0.504	0.491	0.479	0.466	0.453
	57	0.625	0.616	0.606	0.596	0.586	0.575	0.564	0.553	0.541	0.529	0.517	0.505	0.492	0.479	0.467	0.454
	56	0.625	0.616	0.607	0.597	0.586	0.576	0.565	0.554	0.542	0.530	0.518	0.505	0.493	0.480	0.467	0.455
	55	0.626	0.617	0.607	0.597	0.587	0.576	0.566	0.554	0.543	0.531	0.518	0.506	0.494	0.481	0.468	0.455
	54	0.626	0.617	0.608	0.598	0.588	0.577	0.566	0.555	0.543	0.531	0.519	0.507	0.494	0.482	0.469	0.456
	53	0.627	0.618	0.608	0.599	0.588	0.578	0.567	0.556	0.544	0.532	0.520	0.508	0.495	0.483	0.470	0.457
	52	0.627	0.618	0.609	0.599	0.589	0.579	0.568	0.556	0.545	0.533	0.521	0.509	0.496	0.484	0.471	0.458
	51	0.628	0.619	0.610	0.600	0.590	0.579	0.568	0.557	0.546	0.534	0.522	0.510	0.497	0.485	0.472	0.459
	50	0.628	0.620	0.610	0.601	0.591	0.580	0.569	0.558	0.547	0.535	0.523	0.510	0.498	0.486	0.473	0.461
	49	0.629	0.620	0.611	0.601	0.591	0.581	0.570	0.559	0.548	0.536	0.524	0.512	0.499	0.487	0.474	0.462
	48	0.630	0.621	0.612	0.602	0.592	0.582	0.571	0.560	0.549	0.537	0.525	0.513	0.500	0.488	0.476	0.463
	47	0.631	0.622	0.613	0.603	0.593	0.583	0.572	0.561	0.550	0.538	0.526	0.514	0.502	0.489	0.477	0.464
	46	0.631	0.623	0.614	0.604	0.594	0.584	0.573	0.562	0.551	0.539	0.527	0.515	0.503	0.491	0.478	0.466
	45	0.632	0.624	0.615	0.605	0.595	0.585	0.574	0.563	0.552	0.540	0.528	0.516	0.504	0.492	0.480	0.467
	44	0.633	0.625	0.616	0.606	0.596	0.586	0.575	0.564	0.553	0.542	0.530	0.518	0.506	0.494	0.481	0.469
	43	0.634	0.626	0.617	0.607	0.597	0.587	0.577	0.566	0.555	0.543	0.531	0.519	0.507	0.495	0.483	0.471
	42	0.635	0.627	0.618	0.608	0.599	0.588	0.578	0.567	0.556	0.544	0.533	0.521	0.509	0.497	0.485	0.472
	41	0.636	0.628	0.619	0.610	0.600	0.590	0.579	0.569	0.557	0.546	0.534	0.523	0.511	0.499	0.486	0.474
	40	0.637	0.629	0.620	0.611	0.601	0.591	0.581	0.570	0.559	0.548	0.536	0.524	0.512	0.500	0.488	0.476
	39	0.639	0.630	0.621	0.612	0.603	0.593	0.582	0.572	0.561	0.549	0.538	0.526	0.514	0.502	0.490	0.478
	38	0.640	0.632	0.623	0.614	0.604	0.594	0.584	0.573	0.562	0.551	0.540	0.528	0.516	0.504	0.493	0.480
	37	0.641	0.633	0.624	0.615	0.606	0.596	0.586	0.575	0.564	0.553	0.542	0.530	0.518	0.507	0.495	0.483
	36	0.643	0.634	0.626	0.617	0.607	0.598	0.587	0.577	0.566	0.555	0.544	0.532	0.521	0.509	0.497	0.485

Mortality Table: Blended Disabled Mortality, Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 6b: 100% Joint and Survivor Annuity - Option 2 - Disabled Members

(Factor Multiplied by Option 1 Non-Refund Life Annuity)

	Beneficiary Age Difference	Attained Age at Retirement															
		60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75
Beneficiary	35	0.644	0.636	0.627	0.618	0.609	0.599	0.589	0.579	0.568	0.557	0.546	0.535	0.523	0.511	0.500	0.488
younger	34	0.646	0.638	0.629	0.620	0.611	0.601	0.591	0.581	0.570	0.559	0.548	0.537	0.526	0.514	0.502	0.491
than	33	0.647	0.639	0.631	0.622	0.613	0.603	0.594	0.583	0.573	0.562	0.551	0.540	0.528	0.517	0.505	0.494
Retiree	32	0.649	0.641	0.633	0.624	0.615	0.606	0.596	0.586	0.575	0.564	0.553	0.542	0.531	0.520	0.508	0.497
	31	0.651	0.643	0.635	0.626	0.617	0.608	0.598	0.588	0.578	0.567	0.556	0.545	0.534	0.523	0.511	0.500
	30	0.653	0.645	0.637	0.628	0.619	0.610	0.601	0.591	0.580	0.570	0.559	0.548	0.537	0.526	0.515	0.504
	29	0.655	0.647	0.639	0.631	0.622	0.613	0.603	0.593	0.583	0.573	0.562	0.551	0.540	0.529	0.518	0.507
	28	0.657	0.649	0.642	0.633	0.624	0.615	0.606	0.596	0.586	0.576	0.565	0.555	0.544	0.533	0.522	0.511
	27	0.659	0.652	0.644	0.636	0.627	0.618	0.609	0.599	0.589	0.579	0.569	0.558	0.548	0.537	0.526	0.515
	26	0.662	0.654	0.647	0.638	0.630	0.621	0.612	0.603	0.593	0.583	0.572	0.562	0.552	0.541	0.530	0.520
	25	0.664	0.657	0.649	0.641	0.633	0.624	0.615	0.606	0.596	0.586	0.576	0.566	0.556	0.545	0.535	0.524
	24	0.667	0.660	0.652	0.644	0.636	0.628	0.619	0.610	0.600	0.590	0.580	0.570	0.560	0.550	0.540	0.529
	23	0.669	0.663	0.655	0.647	0.639	0.631	0.622	0.613	0.604	0.594	0.585	0.575	0.565	0.555	0.545	0.535
	22	0.672	0.666	0.658	0.651	0.643	0.635	0.626	0.617	0.608	0.599	0.589	0.579	0.570	0.560	0.550	0.540
	21	0.675	0.669	0.662	0.654	0.647	0.638	0.630	0.621	0.612	0.603	0.594	0.584	0.575	0.565	0.556	0.546
	20	0.679	0.672	0.665	0.658	0.650	0.643	0.634	0.626	0.617	0.608	0.599	0.590	0.580	0.571	0.561	0.552
	19	0.682	0.676	0.669	0.662	0.654	0.647	0.639	0.630	0.622	0.613	0.604	0.595	0.586	0.577	0.568	0.559
	18	0.685	0.679	0.673	0.666	0.659	0.651	0.643	0.635	0.627	0.618	0.610	0.601	0.592	0.583	0.574	0.565
	17	0.689	0.683	0.677	0.670	0.663	0.656	0.648	0.640	0.632	0.624	0.616	0.607	0.598	0.590	0.581	0.573
	16	0.693	0.687	0.681	0.675	0.668	0.661	0.653	0.646	0.638	0.630	0.622	0.613	0.605	0.597	0.589	0.580
	15	0.697	0.691	0.686	0.679	0.673	0.666	0.659	0.652	0.644	0.636	0.628	0.620	0.612	0.604	0.596	0.588
	14	0.701	0.696	0.690	0.684	0.678	0.671	0.664	0.657	0.650	0.643	0.635	0.627	0.620	0.612	0.604	0.597
	13	0.706	0.701	0.695	0.689	0.683	0.677	0.670	0.664	0.657	0.649	0.642	0.635	0.627	0.620	0.613	0.606
	12	0.710	0.705	0.700	0.695	0.689	0.683	0.677	0.670	0.663	0.656	0.650	0.643	0.636	0.629	0.622	0.615
	11	0.715	0.710	0.705	0.700	0.695	0.689	0.683	0.677	0.670	0.664	0.657	0.651	0.644	0.638	0.631	0.625
	10	0.720	0.716	0.711	0.706	0.701	0.695	0.690	0.684	0.678	0.672	0.665	0.659	0.653	0.647	0.641	0.635
	9	0.725	0.721	0.717	0.712	0.707	0.702	0.697	0.691	0.686	0.680	0.674	0.668	0.662	0.656	0.651	0.645
	8	0.731	0.727	0.723	0.718	0.714	0.709	0.704	0.699	0.694	0.688	0.683	0.677	0.672	0.666	0.661	0.656
	7	0.736	0.733	0.729	0.725	0.721	0.716	0.712	0.707	0.702	0.697	0.692	0.687	0.682	0.677	0.672	0.667
	6	0.742	0.739	0.735	0.732	0.728	0.724	0.719	0.715	0.710	0.706	0.701	0.696	0.692	0.687	0.683	0.678
Beneficiary	5	0.748	0.745	0.742	0.739	0.735	0.731	0.727	0.723	0.719	0.715	0.711	0.706	0.702	0.698	0.694	0.690
younger	4	0.755	0.752	0.749	0.746	0.743	0.739	0.736	0.732	0.728	0.724	0.720	0.717	0.713	0.709	0.706	0.703
than	3	0.761	0.759	0.756	0.753	0.750	0.747	0.744	0.741	0.738	0.734	0.731	0.727	0.724	0.721	0.718	0.715
Retiree	2	0.767	0.765	0.763	0.761	0.758	0.756	0.753	0.750	0.747	0.744	0.741	0.738	0.735	0.732	0.730	0.728
	1	0.774	0.773	0.771	0.769	0.766	0.764	0.762	0.759	0.757	0.754	0.751	0.749	0.747	0.744	0.742	0.741
Beneficiary same age as Retiree	**0**	**0.781**	**0.780**	**0.778**	**0.777**	**0.775**	**0.773**	**0.771**	**0.769**	**0.766**	**0.764**	**0.762**	**0.760**	**0.758**	**0.757**	**0.755**	**0.754**

Mortality Table: Blended Disabled Mortality, Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 6b: 100% Joint and Survivor Annuity - Option 2 - Disabled Members

(Factor Multiplied by Option 1 Non-Refund Life Annuity)

	Beneficiary Age Difference	Attained Age at Retirement															
		60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75
Beneficiary	-1	0.788	0.787	0.786	0.785	0.783	0.782	0.780	0.778	0.776	0.775	0.773	0.771	0.770	0.769	0.768	0.767
older	-2	0.795	0.795	0.794	0.793	0.792	0.790	0.789	0.788	0.787	0.785	0.784	0.783	0.782	0.781	0.781	0.780
than	-3	0.803	0.802	0.802	0.801	0.800	0.799	0.799	0.798	0.797	0.796	0.795	0.794	0.794	0.793	0.793	0.794
Retiree	-4	0.810	0.810	0.810	0.809	0.809	0.808	0.808	0.807	0.807	0.806	0.806	0.806	0.806	0.806	0.806	0.807
	-5	0.818	0.818	0.818	0.818	0.818	0.818	0.817	0.817	0.817	0.817	0.817	0.817	0.817	0.818	0.819	0.820
	-6	0.825	0.826	0.826	0.826	0.826	0.827	0.827	0.827	0.827	0.828	0.828	0.828	0.829	0.830	0.831	0.833
	-7	0.833	0.833	0.834	0.835	0.835	0.836	0.836	0.837	0.838	0.838	0.839	0.840	0.841	0.842	0.844	0.845
	-8	0.840	0.841	0.842	0.843	0.844	0.845	0.846	0.847	0.848	0.849	0.850	0.851	0.852	0.854	0.856	0.858
	-9	0.848	0.849	0.850	0.852	0.853	0.854	0.855	0.856	0.858	0.859	0.860	0.862	0.863	0.865	0.867	0.869
	-10	0.855	0.857	0.859	0.860	0.861	0.863	0.864	0.866	0.867	0.869	0.870	0.872	0.874	0.876	0.878	0.881
	-11	0.863	0.865	0.867	0.868	0.870	0.872	0.874	0.875	0.877	0.879	0.880	0.882	0.884	0.887	0.889	0.892
	-12	0.871	0.873	0.875	0.877	0.879	0.880	0.882	0.884	0.886	0.888	0.890	0.892	0.894	0.897	0.899	0.902
	-13	0.878	0.880	0.882	0.885	0.887	0.889	0.891	0.893	0.895	0.897	0.899	0.902	0.904	0.906	0.909	0.911
	-14	0.885	0.888	0.890	0.893	0.895	0.897	0.899	0.902	0.904	0.906	0.908	0.911	0.913	0.915	0.918	0.920
	-15	0.893	0.895	0.898	0.900	0.903	0.905	0.908	0.910	0.912	0.914	0.917	0.919	0.921	0.924	0.926	0.928
	-16	0.900	0.902	0.905	0.908	0.910	0.913	0.915	0.918	0.920	0.922	0.925	0.927	0.929	0.931	0.934	0.935
	-17	0.907	0.909	0.912	0.915	0.918	0.920	0.923	0.925	0.928	0.930	0.932	0.934	0.936	0.938	0.940	0.942
	-18	0.913	0.916	0.919	0.922	0.925	0.927	0.930	0.932	0.935	0.937	0.939	0.941	0.943	0.945	0.946	0.948
	-19	0.920	0.923	0.926	0.929	0.931	0.934	0.936	0.939	0.941	0.943	0.945	0.947	0.949	0.950	0.952	0.953
	-20	0.926	0.929	0.932	0.935	0.938	0.940	0.943	0.945	0.947	0.949	0.951	0.953	0.954	0.955	0.956	0.957
	-21	0.932	0.935	0.938	0.941	0.944	0.946	0.948	0.951	0.953	0.955	0.956	0.958	0.959	0.960	0.961	0.961
	-22	0.938	0.941	0.944	0.947	0.949	0.952	0.954	0.956	0.958	0.959	0.961	0.962	0.963	0.964	0.964	0.965
	-23	0.944	0.946	0.949	0.952	0.954	0.957	0.959	0.961	0.962	0.964	0.965	0.966	0.966	0.967	0.967	0.967
	-24	0.949	0.952	0.954	0.957	0.959	0.961	0.963	0.965	0.966	0.967	0.968	0.969	0.970	0.970	0.970	0.970
	-25	0.954	0.956	0.959	0.961	0.963	0.965	0.967	0.968	0.970	0.971	0.971	0.972	0.972	0.972	0.972	0.972
	-26	0.958	0.961	0.963	0.965	0.967	0.969	0.970	0.972	0.973	0.973	0.974	0.974	0.974	0.974	0.974	0.974
	-27	0.962	0.965	0.967	0.969	0.971	0.972	0.974	0.975	0.975	0.976	0.976	0.976	0.976	0.976	0.976	0.976
	-28	0.966	0.969	0.971	0.972	0.974	0.975	0.976	0.977	0.978	0.978	0.978	0.978	0.978	0.978	0.978	0.978
	-29	0.970	0.972	0.974	0.975	0.977	0.978	0.979	0.979	0.980	0.980	0.980	0.980	0.980	0.980	0.979	0.979
	-30	0.973	0.975	0.976	0.978	0.979	0.980	0.981	0.981	0.981	0.981	0.981	0.981	0.981	0.981	0.981	0.980
	-31	0.976	0.978	0.979	0.980	0.981	0.982	0.982	0.983	0.983	0.983	0.983	0.983	0.983	0.982	0.982	0.981
	-32	0.978	0.980	0.981	0.982	0.983	0.983	0.984	0.984	0.984	0.984	0.984	0.984	0.984	0.983	0.983	0.982
	-33	0.981	0.982	0.983	0.984	0.984	0.985	0.985	0.985	0.985	0.985	0.985	0.985	0.985	0.984	0.983	0.982
	-34	0.983	0.984	0.985	0.985	0.986	0.986	0.986	0.986	0.986	0.986	0.986	0.986	0.985	0.985	0.984	0.983
	-35	0.984	0.985	0.986	0.986	0.987	0.987	0.987	0.987	0.987	0.987	0.987	0.986	0.986	0.985	0.984	0.983
Beneficiary	-36	0.986	0.987	0.987	0.987	0.988	0.988	0.988	0.988	0.988	0.988	0.987	0.987	0.986	0.986	0.985	
older	-37	0.987	0.988	0.988	0.988	0.989	0.989	0.989	0.989	0.989	0.988	0.988	0.987	0.987	0.986		
than	-38	0.988	0.989	0.989	0.989	0.989	0.990	0.990	0.990	0.989	0.989	0.988	0.988	0.987			
Retiree	-39	0.989	0.989	0.990	0.990	0.990	0.990	0.990	0.990	0.990	0.989	0.989	0.988				
	-40	0.990	0.990	0.991	0.991	0.991	0.991	0.991	0.990	0.990	0.990	0.989					

Mortality Table: Blended Disabled Mortality, Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 6b: 100% Joint and Survivor Annuity - Option 2 - Disabled Members

(Factor Multiplied by Option 1 Non-Refund Life Annuity)

	Beneficiary Age Difference	Attained Age at Retirement															
		60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75
Beneficiary	-41	0.991	0.991	0.991	0.991	0.991	0.991	0.991	0.991	0.990	0.990						
older	-42	0.991	0.992	0.992	0.992	0.992	0.992	0.991	0.991	0.991							
than	-43	0.992	0.992	0.992	0.992	0.992	0.992	0.992	0.991								
Retiree	-44	0.992	0.993	0.993	0.992	0.992	0.992	0.992									
	-45	0.993	0.993	0.993	0.993	0.993	0.992										
	-46	0.993	0.993	0.993	0.993	0.993											
	-47	0.993	0.993	0.993	0.993												
	-48	0.994	0.994	0.993													
	-49	0.994	0.994														
	-50	0.994															
	-51																
	-52																
	-53																
	-54																
	-55																
	-56																
	-57																
	-58																
	-59																
	-60																
	-61																
	-62																
	-63																
	-64																
	-65																
	-66																
	-67																
	-68																
	-69																
	-70																
	-71																
	-72																
	-73																
	-74																
	-75																
Beneficiary	-76																
older	-77																
than	-78																
Retiree	-79																
	-80																

Mortality Table: Blended Disabled Mortality, Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 6b: 100% Joint and Survivor Annuity - Option 2 - Disabled Members

(Factor Multiplied by Option 1 Non-Refund Life Annuity)

	Beneficiary Age Difference	Attained Age at Retirement															
		60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75
Beneficiary older than Retiree	-81																
	-82																
	-83																
	-84																
	-85																
	-86																
	-87																
	-88																
	-89																
	-90																

Mortality Table: Blended Disabled Mortality, Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 7a: 50% Joint and Survivor Annuity - Option 3 - Healthy Members

(Factor Multiplied by Option 1 Non-Refund Life Annuity)

	Beneficiary Age Difference	Attained Age at Retirement																			
		45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
Beneficiary	100																				
younger	99																				
than	98																				
Retiree	97																				
	96																				
	95																				
	94																				
	93																				
	92																				
	91																				
	90																				
	89																				
	88																				
	87																				
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	81																				
	80																				
	79																				
	78																				
	77																				
	76																				
	75																				
	74																				
	73																				
	72																				
	71																				
	70																				
	69																				
	68																				
	67																				
	66																				
Beneficiary	65																				
younger	64																				
than	63																				0.812
Retiree	62																			0.822	0.813
	61																		0.832	0.823	0.813

Mortality Table: Blended Healthy Mortality, Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 7a: 50% Joint and Survivor Annuity - Option 3 - Healthy Members

(Factor Multiplied by Option 1 Non-Refund Life Annuity)

	Beneficiary Age Difference	Attained Age at Retirement																			
		45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
Beneficiary	60																	0.841	0.832	0.823	0.813
younger	59																0.850	0.841	0.833	0.823	0.814
than	58															0.858	0.850	0.842	0.833	0.824	0.814
Retiree	57														0.866	0.858	0.850	0.842	0.833	0.824	0.814
	56													0.873	0.866	0.859	0.851	0.842	0.834	0.824	0.815
	55												0.880	0.873	0.866	0.859	0.851	0.843	0.834	0.825	0.815
	54											0.887	0.880	0.874	0.867	0.859	0.851	0.843	0.834	0.825	0.816
	53										0.893	0.887	0.881	0.874	0.867	0.860	0.852	0.844	0.835	0.826	0.816
	52									0.899	0.893	0.887	0.881	0.874	0.867	0.860	0.852	0.844	0.835	0.826	0.817
	51								0.905	0.899	0.894	0.888	0.881	0.875	0.868	0.860	0.853	0.845	0.836	0.827	0.818
	50							0.910	0.905	0.900	0.894	0.888	0.882	0.875	0.868	0.861	0.853	0.845	0.837	0.828	0.818
	49						0.915	0.910	0.905	0.900	0.894	0.888	0.882	0.876	0.869	0.861	0.854	0.846	0.837	0.828	0.819
	48					0.920	0.915	0.911	0.906	0.900	0.895	0.889	0.883	0.876	0.869	0.862	0.854	0.846	0.838	0.829	0.820
	47				0.924	0.920	0.916	0.911	0.906	0.901	0.895	0.889	0.883	0.877	0.870	0.863	0.855	0.847	0.838	0.830	0.820
	46			0.928	0.925	0.920	0.916	0.911	0.906	0.901	0.896	0.890	0.884	0.877	0.870	0.863	0.856	0.848	0.839	0.830	0.821
	45		0.933	0.929	0.925	0.921	0.916	0.912	0.907	0.902	0.896	0.890	0.884	0.878	0.871	0.864	0.856	0.848	0.840	0.831	0.822
	44	0.936	0.933	0.929	0.925	0.921	0.917	0.912	0.907	0.902	0.897	0.891	0.885	0.878	0.872	0.864	0.857	0.849	0.841	0.832	0.823
	43	0.937	0.933	0.929	0.926	0.921	0.917	0.912	0.908	0.902	0.897	0.891	0.885	0.879	0.872	0.865	0.858	0.850	0.841	0.833	0.824
	42	0.937	0.933	0.930	0.926	0.922	0.917	0.913	0.908	0.903	0.898	0.892	0.886	0.880	0.873	0.866	0.858	0.851	0.842	0.834	0.825
	41	0.937	0.934	0.930	0.926	0.922	0.918	0.913	0.909	0.904	0.898	0.892	0.887	0.880	0.874	0.867	0.859	0.851	0.843	0.835	0.826
	40	0.938	0.934	0.931	0.927	0.923	0.918	0.914	0.909	0.904	0.899	0.893	0.887	0.881	0.874	0.867	0.860	0.852	0.844	0.836	0.827
	39	0.938	0.935	0.931	0.927	0.923	0.919	0.914	0.910	0.905	0.899	0.894	0.888	0.882	0.875	0.868	0.861	0.853	0.845	0.837	0.828
	38	0.938	0.935	0.931	0.928	0.924	0.919	0.915	0.910	0.905	0.900	0.894	0.889	0.882	0.876	0.869	0.862	0.854	0.846	0.838	0.829
	37	0.939	0.935	0.932	0.928	0.924	0.920	0.916	0.911	0.906	0.901	0.895	0.889	0.883	0.877	0.870	0.863	0.855	0.847	0.839	0.830
	36	0.939	0.936	0.932	0.929	0.925	0.921	0.916	0.912	0.907	0.901	0.896	0.890	0.884	0.878	0.871	0.864	0.856	0.848	0.840	0.831
	35	0.940	0.936	0.933	0.929	0.925	0.921	0.917	0.912	0.907	0.902	0.897	0.891	0.885	0.879	0.872	0.865	0.857	0.850	0.841	0.833
	34	0.940	0.937	0.933	0.930	0.926	0.922	0.917	0.913	0.908	0.903	0.898	0.892	0.886	0.880	0.873	0.866	0.859	0.851	0.843	0.834
	33	0.941	0.937	0.934	0.930	0.927	0.922	0.918	0.914	0.909	0.904	0.899	0.893	0.887	0.881	0.874	0.867	0.860	0.852	0.844	0.836
	32	0.941	0.938	0.935	0.931	0.927	0.923	0.919	0.914	0.910	0.905	0.899	0.894	0.888	0.882	0.875	0.868	0.861	0.854	0.846	0.837
	31	0.942	0.938	0.935	0.932	0.928	0.924	0.920	0.915	0.911	0.906	0.900	0.895	0.889	0.883	0.877	0.870	0.863	0.855	0.847	0.839
	30	0.942	0.939	0.936	0.932	0.929	0.925	0.921	0.916	0.912	0.907	0.901	0.896	0.890	0.884	0.878	0.871	0.864	0.857	0.849	0.841
	29	0.943	0.940	0.936	0.933	0.929	0.925	0.921	0.917	0.912	0.908	0.903	0.897	0.891	0.886	0.879	0.873	0.866	0.858	0.851	0.843
	28	0.943	0.940	0.937	0.934	0.930	0.926	0.922	0.918	0.913	0.909	0.904	0.898	0.893	0.887	0.881	0.874	0.867	0.860	0.852	0.844
	27	0.944	0.941	0.938	0.935	0.931	0.927	0.923	0.919	0.915	0.910	0.905	0.900	0.894	0.888	0.882	0.876	0.869	0.862	0.854	0.846
	26	0.945	0.942	0.939	0.935	0.932	0.928	0.924	0.920	0.916	0.911	0.906	0.901	0.895	0.890	0.884	0.877	0.871	0.864	0.856	0.848
Beneficiary	25	0.946	0.943	0.939	0.936	0.933	0.929	0.925	0.921	0.917	0.912	0.907	0.902	0.897	0.891	0.885	0.879	0.872	0.866	0.858	0.851
younger	24	0.946	0.943	0.940	0.937	0.934	0.930	0.926	0.922	0.918	0.913	0.909	0.904	0.898	0.893	0.887	0.881	0.874	0.868	0.860	0.853
than	23	0.947	0.944	0.941	0.938	0.935	0.931	0.927	0.923	0.919	0.915	0.910	0.905	0.900	0.895	0.889	0.883	0.876	0.870	0.863	0.855
Retiree	22	0.948	0.945	0.942	0.939	0.936	0.932	0.929	0.925	0.921	0.916	0.912	0.907	0.902	0.896	0.891	0.885	0.878	0.872	0.865	0.858
	21	0.949	0.946	0.943	0.940	0.937	0.933	0.930	0.926	0.922	0.918	0.913	0.908	0.903	0.898	0.893	0.887	0.881	0.874	0.867	0.860

Mortality Table: Blended Healthy Mortality, Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 7a: 50% Joint and Survivor Annuity - Option 3 - Healthy Members

(Factor Multiplied by Option 1 Non-Refund Life Annuity)

	Beneficiary Age Difference	Attained Age at Retirement																			
		45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
	20	0.950	0.947	0.944	0.941	0.938	0.935	0.931	0.927	0.923	0.919	0.915	0.910	0.905	0.900	0.895	0.889	0.883	0.877	0.870	0.863
	19	0.950	0.948	0.945	0.942	0.939	0.936	0.932	0.929	0.925	0.921	0.916	0.912	0.907	0.902	0.897	0.891	0.885	0.879	0.873	0.866
	18	0.951	0.949	0.946	0.943	0.940	0.937	0.934	0.930	0.926	0.922	0.918	0.914	0.909	0.904	0.899	0.893	0.888	0.882	0.875	0.869
	17	0.952	0.950	0.947	0.944	0.941	0.938	0.935	0.931	0.928	0.924	0.920	0.915	0.911	0.906	0.901	0.896	0.890	0.884	0.878	0.872
	16	0.953	0.951	0.948	0.946	0.943	0.940	0.936	0.933	0.929	0.926	0.922	0.917	0.913	0.908	0.903	0.898	0.893	0.887	0.881	0.875
	15	0.954	0.952	0.949	0.947	0.944	0.941	0.938	0.935	0.931	0.927	0.924	0.919	0.915	0.911	0.906	0.901	0.895	0.890	0.884	0.878
	14	0.955	0.953	0.951	0.948	0.945	0.942	0.939	0.936	0.933	0.929	0.925	0.921	0.917	0.913	0.908	0.903	0.898	0.893	0.887	0.881
	13	0.957	0.954	0.952	0.949	0.947	0.944	0.941	0.938	0.935	0.931	0.927	0.924	0.920	0.915	0.911	0.906	0.901	0.896	0.891	0.885
	12	0.958	0.955	0.953	0.951	0.948	0.945	0.943	0.940	0.936	0.933	0.929	0.926	0.922	0.918	0.913	0.909	0.904	0.899	0.894	0.888
	11	0.959	0.957	0.954	0.952	0.950	0.947	0.944	0.941	0.938	0.935	0.932	0.928	0.924	0.920	0.916	0.912	0.907	0.902	0.897	0.892
	10	0.960	0.958	0.956	0.954	0.951	0.949	0.946	0.943	0.940	0.937	0.934	0.930	0.927	0.923	0.919	0.915	0.910	0.906	0.901	0.896
	9	0.961	0.959	0.957	0.955	0.953	0.950	0.948	0.945	0.942	0.939	0.936	0.933	0.929	0.925	0.922	0.918	0.913	0.909	0.904	0.900
	8	0.962	0.960	0.958	0.956	0.954	0.952	0.949	0.947	0.944	0.941	0.938	0.935	0.932	0.928	0.924	0.921	0.917	0.912	0.908	0.903
	7	0.964	0.962	0.960	0.958	0.956	0.953	0.951	0.949	0.946	0.943	0.940	0.937	0.934	0.931	0.927	0.924	0.920	0.916	0.912	0.907
	6	0.965	0.963	0.961	0.959	0.957	0.955	0.953	0.950	0.948	0.945	0.943	0.940	0.937	0.933	0.930	0.927	0.923	0.919	0.915	0.911
Beneficiary	5	0.966	0.964	0.963	0.961	0.959	0.957	0.955	0.952	0.950	0.948	0.945	0.942	0.939	0.936	0.933	0.930	0.926	0.923	0.919	0.915
younger	4	0.967	0.966	0.964	0.962	0.960	0.959	0.956	0.954	0.952	0.950	0.947	0.945	0.942	0.939	0.936	0.933	0.930	0.926	0.923	0.919
than	3	0.969	0.967	0.965	0.964	0.962	0.960	0.958	0.956	0.954	0.952	0.949	0.947	0.944	0.942	0.939	0.936	0.933	0.930	0.926	0.923
Retiree	2	0.970	0.968	0.967	0.965	0.964	0.962	0.960	0.958	0.956	0.954	0.952	0.949	0.947	0.944	0.942	0.939	0.936	0.933	0.930	0.927
	1	0.971	0.970	0.968	0.967	0.965	0.964	0.962	0.960	0.958	0.956	0.954	0.952	0.950	0.947	0.945	0.942	0.940	0.937	0.934	0.931
Beneficiary same age as Retiree	**0**	**0.972**	**0.971**	**0.970**	**0.968**	**0.967**	**0.965**	**0.964**	**0.962**	**0.960**	**0.958**	**0.956**	**0.954**	**0.952**	**0.950**	**0.948**	**0.945**	**0.943**	**0.940**	**0.938**	**0.935**
Beneficiary	-1	0.974	0.972	0.971	0.970	0.968	0.967	0.965	0.964	0.962	0.960	0.959	0.957	0.955	0.953	0.950	0.948	0.946	0.944	0.941	0.939
older	-2	0.975	0.974	0.972	0.971	0.970	0.968	0.967	0.966	0.964	0.962	0.961	0.959	0.957	0.955	0.953	0.951	0.949	0.947	0.945	0.942
than	-3	0.976	0.975	0.974	0.973	0.971	0.970	0.969	0.967	0.966	0.964	0.963	0.961	0.960	0.958	0.956	0.954	0.952	0.950	0.948	0.946
Retiree	-4	0.977	0.976	0.975	0.974	0.973	0.972	0.970	0.969	0.968	0.966	0.965	0.963	0.962	0.960	0.959	0.957	0.955	0.953	0.952	0.950
	-5	0.978	0.977	0.976	0.975	0.974	0.973	0.972	0.971	0.970	0.968	0.967	0.966	0.964	0.963	0.961	0.960	0.958	0.956	0.955	0.953
	-6	0.979	0.978	0.978	0.977	0.976	0.975	0.974	0.973	0.971	0.970	0.969	0.968	0.966	0.965	0.964	0.962	0.961	0.959	0.958	0.956
	-7	0.980	0.980	0.979	0.978	0.977	0.976	0.975	0.974	0.973	0.972	0.971	0.970	0.969	0.967	0.966	0.965	0.964	0.962	0.961	0.960
	-8	0.981	0.981	0.980	0.979	0.978	0.977	0.977	0.976	0.975	0.974	0.973	0.972	0.971	0.970	0.969	0.967	0.966	0.965	0.964	0.963
	-9	0.982	0.982	0.981	0.980	0.980	0.979	0.978	0.977	0.976	0.976	0.975	0.974	0.973	0.972	0.971	0.970	0.969	0.968	0.967	0.966
	-10	0.983	0.983	0.982	0.982	0.981	0.980	0.979	0.979	0.978	0.977	0.976	0.976	0.975	0.974	0.973	0.972	0.971	0.970	0.969	0.968
	-11	0.984	0.984	0.983	0.983	0.982	0.981	0.981	0.980	0.979	0.979	0.978	0.977	0.977	0.976	0.975	0.974	0.973	0.973	0.972	0.971
	-12	0.985	0.985	0.984	0.984	0.983	0.983	0.982	0.981	0.981	0.980	0.980	0.979	0.978	0.978	0.977	0.976	0.976	0.975	0.974	0.974
	-13	0.986	0.986	0.985	0.985	0.984	0.984	0.983	0.983	0.982	0.982	0.981	0.981	0.980	0.979	0.979	0.978	0.978	0.977	0.977	0.976
	-14	0.987	0.987	0.986	0.986	0.985	0.985	0.984	0.984	0.984	0.983	0.983	0.982	0.982	0.981	0.981	0.980	0.980	0.979	0.979	0.978
	-15	0.988	0.987	0.987	0.987	0.986	0.986	0.986	0.985	0.985	0.984	0.984	0.984	0.983	0.983	0.982	0.982	0.982	0.981	0.981	0.980

Mortality Table: Blended Healthy Mortality, Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 7a: 50% Joint and Survivor Annuity - Option 3 - Healthy Members

(Factor Multiplied by Option 1 Non-Refund Life Annuity)

	Beneficiary Age Difference	Attained Age at Retirement																			
		45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
Beneficiary	-16	0.989	0.988	0.988	0.988	0.987	0.987	0.987	0.986	0.986	0.986	0.985	0.985	0.985	0.984	0.984	0.984	0.983	0.983	0.983	0.982
older	-17	0.989	0.989	0.989	0.989	0.988	0.988	0.988	0.987	0.987	0.987	0.987	0.986	0.986	0.986	0.985	0.985	0.985	0.985	0.984	0.984
than	-18	0.990	0.990	0.990	0.989	0.989	0.989	0.989	0.988	0.988	0.988	0.988	0.987	0.987	0.987	0.987	0.987	0.986	0.986	0.986	0.986
Retiree	-19	0.991	0.991	0.990	0.990	0.990	0.990	0.990	0.989	0.989	0.989	0.989	0.989	0.988	0.988	0.988	0.988	0.988	0.988	0.987	0.987
	-20	0.991	0.991	0.991	0.991	0.991	0.991	0.990	0.990	0.990	0.990	0.990	0.990	0.990	0.989	0.989	0.989	0.989	0.989	0.989	0.989
	-21	0.992	0.992	0.992	0.992	0.992	0.991	0.991	0.991	0.991	0.991	0.991	0.991	0.991	0.990	0.990	0.990	0.990	0.990	0.990	0.990
	-22	0.993	0.993	0.992	0.992	0.992	0.992	0.992	0.992	0.992	0.992	0.992	0.992	0.991	0.991	0.991	0.991	0.991	0.991	0.991	0.991
	-23	0.993	0.993	0.993	0.993	0.993	0.993	0.993	0.993	0.993	0.993	0.992	0.992	0.992	0.992	0.992	0.992	0.992	0.992	0.992	0.992
	-24	0.994	0.994	0.994	0.994	0.994	0.993	0.993	0.993	0.993	0.993	0.993	0.993	0.993	0.993	0.993	0.993	0.993	0.993	0.993	0.993
	-25	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994
	-26	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995
	-27	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995
	-28	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996
	-29	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996
	-30	0.996	0.996	0.996	0.996	0.996	0.996	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997
	-31	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997
	-32	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.998	0.998	0.998	0.998	0.998	0.997	0.997
	-33	0.997	0.997	0.997	0.997	0.997	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
	-34	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
	-35	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
	-36	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998
	-37	0.998	0.998	0.998	0.998	0.998	0.998	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.998	0.998
	-38	0.998	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.998
	-39	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
	-40	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
	-41	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
	-42	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
	-43	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
	-44	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
	-45	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
	-46	0.999	0.999	0.999	0.999	0.999	1.000	1.000	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999
	-47	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	
	-48	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.999	0.999	0.999	0.999	0.999	0.999		
	-49	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.999	0.999	0.999	0.999			
	-50	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.999	0.999				
Beneficiary	-51	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.999					
older	-52	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000						
than	-53	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000							
Retiree	-54	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000								
	-55	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000									

Mortality Table: Blended Healthy Mortality, Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 7a: 50% Joint and Survivor Annuity - Option 3 - Healthy Members

(Factor Multiplied by Option 1 Non-Refund Life Annuity)

	Beneficiary Age Difference	Attained Age at Retirement																			
		45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
Beneficiary	-56	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000										
older	-57	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000											
than	-58	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000												
Retiree	-59	1.000	1.000	1.000	1.000	1.000	1.000	1.000													
	-60	1.000	1.000	1.000	1.000	1.000	1.000														
Beneficiary	-61	1.000	1.000	1.000	1.000	1.000															
older	-62	1.000	1.000	1.000	1.000																
than	-63	1.000	1.000	1.000																	
Retiree	-64	1.000	1.000																		
	-65	1.000																			

Mortality Table: Blended Healthy Mortality, Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 7a: 50% Joint and Survivor Annuity - Option 3 - Healthy Members

(Factor Multiplied by Option 1 Non-Refund Life Annuity)

	Beneficiary Age Difference	Attained Age at Retirement																			
		65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84
Beneficiary	100																				
younger	99																				
than	98																				
Retiree	97																				
	96																				
	95																				
	94																				
	93																				
	92																				
	91																				
	90																				
	89																				
	88																				
	87																				
	86																				
	85																				
	84																				
	83																				0.508
	82																			0.528	0.508
	81																		0.547	0.528	0.509
	80																	0.566	0.548	0.528	0.509
	79																0.585	0.567	0.548	0.529	0.509
	78															0.603	0.585	0.567	0.548	0.529	0.509
	77														0.621	0.603	0.585	0.567	0.548	0.529	0.510
	76													0.638	0.621	0.604	0.586	0.567	0.549	0.530	0.510
	75												0.654	0.638	0.621	0.604	0.586	0.568	0.549	0.530	0.511
	74											0.671	0.655	0.638	0.622	0.604	0.586	0.568	0.549	0.530	0.511
	73										0.686	0.671	0.655	0.639	0.622	0.605	0.587	0.569	0.550	0.531	0.511
	72									0.701	0.686	0.671	0.655	0.639	0.622	0.605	0.587	0.569	0.550	0.531	0.512
	71								0.716	0.701	0.687	0.671	0.656	0.639	0.623	0.605	0.588	0.569	0.551	0.532	0.512
	70							0.729	0.716	0.702	0.687	0.672	0.656	0.640	0.623	0.606	0.588	0.570	0.551	0.532	0.513
	69						0.743	0.730	0.716	0.702	0.687	0.672	0.656	0.640	0.623	0.606	0.589	0.570	0.552	0.533	0.513
	68					0.756	0.743	0.730	0.716	0.702	0.688	0.672	0.657	0.641	0.624	0.607	0.589	0.571	0.552	0.533	0.514
	67				0.768	0.756	0.743	0.730	0.717	0.703	0.688	0.673	0.657	0.641	0.624	0.607	0.590	0.571	0.553	0.534	0.515
	66			0.780	0.768	0.756	0.744	0.731	0.717	0.703	0.688	0.673	0.658	0.642	0.625	0.608	0.590	0.572	0.553	0.534	0.515
Beneficiary	65		0.791	0.780	0.769	0.757	0.744	0.731	0.717	0.703	0.689	0.674	0.658	0.642	0.625	0.608	0.591	0.573	0.554	0.535	0.516
younger	64	0.802	0.791	0.780	0.769	0.757	0.744	0.731	0.718	0.704	0.689	0.674	0.659	0.643	0.626	0.609	0.591	0.573	0.555	0.536	0.517
than	63	0.802	0.792	0.781	0.769	0.757	0.745	0.732	0.718	0.704	0.690	0.675	0.659	0.643	0.627	0.610	0.592	0.574	0.555	0.537	0.517
Retiree	62	0.803	0.792	0.781	0.770	0.758	0.745	0.732	0.719	0.705	0.690	0.675	0.660	0.644	0.627	0.610	0.593	0.575	0.556	0.537	0.518
	61	0.803	0.792	0.781	0.770	0.758	0.746	0.733	0.719	0.705	0.691	0.676	0.661	0.645	0.628	0.611	0.593	0.575	0.557	0.538	0.519

Mortality Table: Blended Healthy Mortality, Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 7a: 50% Joint and Survivor Annuity - Option 3 - Healthy Members

(Factor Multiplied by Option 1 Non-Refund Life Annuity)

	Beneficiary Age Difference	Attained Age at Retirement																			
		65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84
Beneficiary	60	0.803	0.793	0.782	0.771	0.759	0.746	0.733	0.720	0.706	0.692	0.677	0.661	0.645	0.629	0.612	0.594	0.576	0.558	0.539	0.520
younger	59	0.804	0.793	0.782	0.771	0.759	0.747	0.734	0.721	0.707	0.692	0.677	0.662	0.646	0.629	0.613	0.595	0.577	0.559	0.540	0.521
than	58	0.804	0.794	0.783	0.771	0.760	0.747	0.735	0.721	0.707	0.693	0.678	0.663	0.647	0.630	0.613	0.596	0.578	0.560	0.541	0.522
Retiree	57	0.805	0.794	0.783	0.772	0.760	0.748	0.735	0.722	0.708	0.694	0.679	0.663	0.648	0.631	0.614	0.597	0.579	0.561	0.542	0.523
	56	0.805	0.795	0.784	0.773	0.761	0.749	0.736	0.723	0.709	0.694	0.680	0.664	0.648	0.632	0.615	0.598	0.580	0.562	0.543	0.524
	55	0.805	0.795	0.784	0.773	0.761	0.749	0.736	0.723	0.709	0.695	0.680	0.665	0.649	0.633	0.616	0.599	0.581	0.563	0.544	0.525
	54	0.806	0.796	0.785	0.774	0.762	0.750	0.737	0.724	0.710	0.696	0.681	0.666	0.650	0.634	0.617	0.600	0.582	0.564	0.546	0.527
	53	0.807	0.796	0.786	0.774	0.763	0.751	0.738	0.725	0.711	0.697	0.682	0.667	0.651	0.635	0.618	0.601	0.583	0.565	0.547	0.528
	52	0.807	0.797	0.786	0.775	0.764	0.751	0.739	0.726	0.712	0.698	0.683	0.668	0.652	0.636	0.620	0.602	0.585	0.567	0.548	0.530
	51	0.808	0.798	0.787	0.776	0.764	0.752	0.740	0.727	0.713	0.699	0.684	0.669	0.654	0.637	0.621	0.604	0.586	0.568	0.550	0.531
	50	0.808	0.798	0.788	0.777	0.765	0.753	0.741	0.727	0.714	0.700	0.685	0.670	0.655	0.639	0.622	0.605	0.588	0.570	0.551	0.533
	49	0.809	0.799	0.788	0.777	0.766	0.754	0.741	0.728	0.715	0.701	0.687	0.672	0.656	0.640	0.624	0.607	0.589	0.571	0.553	0.534
	48	0.810	0.800	0.789	0.778	0.767	0.755	0.742	0.730	0.716	0.702	0.688	0.673	0.657	0.641	0.625	0.608	0.591	0.573	0.555	0.536
	47	0.811	0.801	0.790	0.779	0.768	0.756	0.744	0.731	0.717	0.703	0.689	0.674	0.659	0.643	0.627	0.610	0.592	0.575	0.556	0.538
	46	0.811	0.801	0.791	0.780	0.769	0.757	0.745	0.732	0.719	0.705	0.690	0.676	0.660	0.644	0.628	0.611	0.594	0.576	0.558	0.540
	45	0.812	0.802	0.792	0.781	0.770	0.758	0.746	0.733	0.720	0.706	0.692	0.677	0.662	0.646	0.630	0.613	0.596	0.578	0.560	0.542
	44	0.813	0.803	0.793	0.782	0.771	0.759	0.747	0.734	0.721	0.708	0.693	0.679	0.664	0.648	0.632	0.615	0.598	0.580	0.562	0.544
	43	0.814	0.804	0.794	0.783	0.772	0.761	0.748	0.736	0.723	0.709	0.695	0.680	0.665	0.650	0.634	0.617	0.600	0.583	0.565	0.547
	42	0.815	0.805	0.795	0.785	0.773	0.762	0.750	0.737	0.724	0.711	0.697	0.682	0.667	0.652	0.636	0.619	0.602	0.585	0.567	0.549
	41	0.816	0.807	0.796	0.786	0.775	0.763	0.751	0.739	0.726	0.712	0.698	0.684	0.669	0.654	0.638	0.621	0.605	0.587	0.570	0.552
	40	0.817	0.808	0.798	0.787	0.776	0.765	0.753	0.740	0.728	0.714	0.700	0.686	0.671	0.656	0.640	0.624	0.607	0.590	0.572	0.554
	39	0.819	0.809	0.799	0.789	0.778	0.766	0.754	0.742	0.729	0.716	0.702	0.688	0.673	0.658	0.642	0.626	0.610	0.593	0.575	0.557
	38	0.820	0.810	0.800	0.790	0.779	0.768	0.756	0.744	0.731	0.718	0.704	0.690	0.676	0.661	0.645	0.629	0.612	0.595	0.578	0.560
	37	0.821	0.812	0.802	0.792	0.781	0.770	0.758	0.746	0.733	0.720	0.707	0.693	0.678	0.663	0.648	0.632	0.615	0.598	0.581	0.564
	36	0.822	0.813	0.803	0.793	0.783	0.771	0.760	0.748	0.735	0.722	0.709	0.695	0.681	0.666	0.650	0.635	0.618	0.602	0.584	0.567
	35	0.824	0.815	0.805	0.795	0.784	0.773	0.762	0.750	0.737	0.725	0.711	0.698	0.683	0.669	0.653	0.638	0.622	0.605	0.588	0.571
	34	0.825	0.816	0.807	0.797	0.786	0.775	0.764	0.752	0.740	0.727	0.714	0.700	0.686	0.672	0.656	0.641	0.625	0.609	0.592	0.575
	33	0.827	0.818	0.808	0.798	0.788	0.777	0.766	0.754	0.742	0.730	0.717	0.703	0.689	0.675	0.660	0.644	0.629	0.612	0.596	0.579
	32	0.829	0.820	0.810	0.800	0.790	0.780	0.768	0.757	0.745	0.732	0.719	0.706	0.692	0.678	0.663	0.648	0.632	0.616	0.600	0.583
	31	0.830	0.821	0.812	0.802	0.792	0.782	0.771	0.759	0.747	0.735	0.722	0.709	0.696	0.681	0.667	0.652	0.636	0.620	0.604	0.588
	30	0.832	0.823	0.814	0.805	0.795	0.784	0.773	0.762	0.750	0.738	0.726	0.713	0.699	0.685	0.671	0.656	0.641	0.625	0.609	0.593
	29	0.834	0.825	0.816	0.807	0.797	0.787	0.776	0.765	0.753	0.741	0.729	0.716	0.703	0.689	0.675	0.660	0.645	0.630	0.614	0.598
	28	0.836	0.828	0.819	0.809	0.800	0.789	0.779	0.768	0.756	0.745	0.732	0.720	0.707	0.693	0.679	0.665	0.650	0.635	0.619	0.603
	27	0.838	0.830	0.821	0.812	0.802	0.792	0.782	0.771	0.760	0.748	0.736	0.724	0.711	0.697	0.684	0.669	0.655	0.640	0.624	0.609
	26	0.840	0.832	0.823	0.814	0.805	0.795	0.785	0.774	0.763	0.752	0.740	0.728	0.715	0.702	0.688	0.674	0.660	0.645	0.630	0.615
Beneficiary	25	0.843	0.835	0.826	0.817	0.808	0.798	0.788	0.778	0.767	0.756	0.744	0.732	0.719	0.707	0.693	0.680	0.666	0.651	0.636	0.621
younger	24	0.845	0.837	0.829	0.820	0.811	0.801	0.792	0.781	0.771	0.760	0.748	0.736	0.724	0.712	0.699	0.685	0.671	0.657	0.643	0.628
than	23	0.848	0.840	0.832	0.823	0.814	0.805	0.795	0.785	0.775	0.764	0.753	0.741	0.729	0.717	0.704	0.691	0.677	0.664	0.649	0.635
Retiree	22	0.850	0.843	0.835	0.826	0.817	0.808	0.799	0.789	0.779	0.768	0.757	0.746	0.734	0.722	0.710	0.697	0.684	0.670	0.656	0.642
	21	0.853	0.845	0.838	0.829	0.821	0.812	0.803	0.793	0.783	0.773	0.762	0.751	0.740	0.728	0.716	0.703	0.690	0.677	0.664	0.650

Mortality Table: Blended Healthy Mortality, Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 7a: 50% Joint and Survivor Annuity - Option 3 - Healthy Members

(Factor Multiplied by Option 1 Non-Refund Life Annuity)

	Beneficiary Age Difference	Attained Age at Retirement																			
		65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84
	20	0.856	0.848	0.841	0.833	0.824	0.816	0.807	0.797	0.788	0.778	0.767	0.756	0.745	0.734	0.722	0.710	0.698	0.685	0.671	0.658
	19	0.859	0.852	0.844	0.836	0.828	0.820	0.811	0.802	0.792	0.783	0.773	0.762	0.751	0.740	0.729	0.717	0.705	0.692	0.680	0.666
	18	0.862	0.855	0.848	0.840	0.832	0.824	0.815	0.807	0.797	0.788	0.778	0.768	0.758	0.747	0.736	0.724	0.712	0.700	0.688	0.675
	17	0.865	0.858	0.851	0.844	0.836	0.828	0.820	0.811	0.802	0.793	0.784	0.774	0.764	0.754	0.743	0.732	0.720	0.709	0.697	0.684
	16	0.868	0.862	0.855	0.848	0.840	0.833	0.825	0.816	0.808	0.799	0.790	0.780	0.771	0.761	0.750	0.740	0.729	0.717	0.706	0.694
	15	0.872	0.865	0.859	0.852	0.845	0.837	0.830	0.822	0.813	0.805	0.796	0.787	0.778	0.768	0.758	0.748	0.737	0.726	0.715	0.704
	14	0.875	0.869	0.863	0.856	0.849	0.842	0.835	0.827	0.819	0.811	0.802	0.794	0.785	0.775	0.766	0.756	0.746	0.735	0.725	0.714
	13	0.879	0.873	0.867	0.861	0.854	0.847	0.840	0.832	0.825	0.817	0.809	0.801	0.792	0.783	0.774	0.765	0.755	0.745	0.735	0.724
	12	0.883	0.877	0.871	0.865	0.859	0.852	0.845	0.838	0.831	0.823	0.816	0.808	0.800	0.791	0.782	0.773	0.764	0.755	0.745	0.735
	11	0.887	0.881	0.876	0.870	0.864	0.857	0.851	0.844	0.837	0.830	0.823	0.815	0.807	0.799	0.791	0.782	0.774	0.765	0.756	0.746
	10	0.891	0.885	0.880	0.874	0.869	0.863	0.856	0.850	0.843	0.837	0.830	0.823	0.815	0.807	0.800	0.792	0.783	0.775	0.766	0.758
	9	0.895	0.890	0.885	0.879	0.874	0.868	0.862	0.856	0.850	0.843	0.837	0.830	0.823	0.816	0.809	0.801	0.793	0.785	0.777	0.769
	8	0.899	0.894	0.889	0.884	0.879	0.874	0.868	0.862	0.856	0.850	0.844	0.838	0.831	0.825	0.818	0.811	0.804	0.796	0.789	0.781
	7	0.903	0.898	0.894	0.889	0.884	0.879	0.874	0.869	0.863	0.857	0.852	0.846	0.840	0.833	0.827	0.820	0.814	0.807	0.800	0.793
	6	0.907	0.903	0.899	0.894	0.889	0.885	0.880	0.875	0.870	0.864	0.859	0.853	0.848	0.842	0.836	0.830	0.824	0.818	0.812	0.805
Beneficiary	5	0.911	0.907	0.903	0.899	0.895	0.890	0.886	0.881	0.876	0.871	0.866	0.861	0.856	0.851	0.846	0.840	0.834	0.829	0.823	0.817
younger	4	0.916	0.912	0.908	0.904	0.900	0.896	0.892	0.887	0.883	0.879	0.874	0.869	0.865	0.860	0.855	0.850	0.845	0.840	0.835	0.829
than	3	0.920	0.916	0.913	0.909	0.905	0.902	0.898	0.894	0.890	0.886	0.881	0.877	0.873	0.869	0.864	0.860	0.855	0.851	0.846	0.841
Retiree	2	0.924	0.921	0.917	0.914	0.911	0.907	0.904	0.900	0.896	0.893	0.889	0.885	0.881	0.877	0.873	0.869	0.865	0.861	0.857	0.853
	1	0.928	0.925	0.922	0.919	0.916	0.913	0.909	0.906	0.903	0.899	0.896	0.893	0.889	0.886	0.882	0.879	0.875	0.872	0.868	0.865
Beneficiary same age as Retiree	**0**	**0.932**	**0.929**	**0.927**	**0.924**	**0.921**	**0.918**	**0.915**	**0.912**	**0.909**	**0.906**	**0.903**	**0.900**	**0.897**	**0.894**	**0.891**	**0.888**	**0.885**	**0.882**	**0.879**	**0.876**
Beneficiary	-1	0.936	0.934	0.931	0.929	0.926	0.924	0.921	0.918	0.916	0.913	0.910	0.908	0.905	0.902	0.900	0.897	0.895	0.892	0.889	0.887
older	-2	0.940	0.938	0.936	0.933	0.931	0.929	0.926	0.924	0.922	0.919	0.917	0.915	0.913	0.910	0.908	0.906	0.904	0.901	0.899	0.897
than	-3	0.944	0.942	0.940	0.938	0.936	0.934	0.932	0.930	0.928	0.926	0.924	0.922	0.920	0.918	0.916	0.914	0.912	0.910	0.909	0.907
Retiree	-4	0.948	0.946	0.944	0.942	0.941	0.939	0.937	0.935	0.933	0.932	0.930	0.928	0.927	0.925	0.924	0.922	0.921	0.919	0.917	0.916
	-5	0.951	0.950	0.948	0.947	0.945	0.944	0.942	0.940	0.939	0.938	0.936	0.935	0.933	0.932	0.931	0.930	0.928	0.927	0.926	0.924
	-6	0.955	0.954	0.952	0.951	0.949	0.948	0.947	0.945	0.944	0.943	0.942	0.941	0.940	0.939	0.938	0.937	0.936	0.934	0.933	0.932
	-7	0.958	0.957	0.956	0.955	0.954	0.952	0.951	0.950	0.949	0.948	0.947	0.946	0.946	0.945	0.944	0.943	0.942	0.941	0.940	0.939
	-8	0.962	0.961	0.959	0.959	0.958	0.957	0.956	0.955	0.954	0.953	0.952	0.952	0.951	0.950	0.950	0.949	0.948	0.948	0.946	0.945
	-9	0.965	0.964	0.963	0.962	0.961	0.961	0.960	0.959	0.958	0.958	0.957	0.957	0.956	0.956	0.955	0.955	0.954	0.953	0.952	0.951
	-10	0.968	0.967	0.966	0.965	0.965	0.964	0.964	0.963	0.963	0.962	0.962	0.961	0.961	0.961	0.960	0.960	0.959	0.958	0.957	0.955
	-11	0.970	0.970	0.969	0.969	0.968	0.968	0.967	0.967	0.966	0.966	0.966	0.966	0.965	0.965	0.965	0.964	0.963	0.962	0.961	0.960
	-12	0.973	0.973	0.972	0.972	0.971	0.971	0.971	0.970	0.970	0.970	0.970	0.969	0.969	0.969	0.968	0.968	0.967	0.966	0.965	0.964
	-13	0.976	0.975	0.975	0.974	0.974	0.974	0.974	0.973	0.973	0.973	0.973	0.973	0.973	0.972	0.972	0.971	0.970	0.969	0.968	0.967
	-14	0.978	0.978	0.977	0.977	0.977	0.977	0.977	0.976	0.976	0.976	0.976	0.976	0.976	0.975	0.975	0.974	0.973	0.972	0.971	0.969
	-15	0.980	0.980	0.980	0.979	0.979	0.979	0.979	0.979	0.979	0.979	0.979	0.979	0.978	0.978	0.977	0.977	0.976	0.975	0.973	0.972

Mortality Table: Blended Healthy Mortality, Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 7a: 50% Joint and Survivor Annuity - Option 3 - Healthy Members

(Factor Multiplied by Option 1 Non-Refund Life Annuity)

	Beneficiary Age Difference	Attained Age at Retirement																			
		65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84
Beneficiary	-16	0.982	0.982	0.982	0.982	0.982	0.982	0.982	0.981	0.981	0.981	0.981	0.981	0.981	0.980	0.980	0.979	0.978	0.977	0.975	0.974
older	-17	0.984	0.984	0.984	0.984	0.984	0.984	0.984	0.984	0.984	0.983	0.983	0.983	0.983	0.982	0.982	0.981	0.980	0.979	0.977	0.976
than	-18	0.986	0.986	0.986	0.986	0.986	0.986	0.986	0.986	0.985	0.985	0.985	0.985	0.985	0.984	0.983	0.983	0.982	0.980	0.979	0.978
Retiree	-19	0.987	0.987	0.987	0.987	0.987	0.987	0.987	0.987	0.987	0.987	0.987	0.986	0.986	0.986	0.985	0.984	0.983	0.982	0.981	0.979
	-20	0.989	0.989	0.989	0.989	0.989	0.989	0.989	0.989	0.989	0.988	0.988	0.988	0.987	0.987	0.986	0.985	0.984	0.983	0.982	0.980
	-21	0.990	0.990	0.990	0.990	0.990	0.990	0.990	0.990	0.990	0.990	0.989	0.989	0.988	0.988	0.987	0.986	0.985	0.984	0.983	0.981
	-22	0.991	0.991	0.991	0.991	0.991	0.991	0.991	0.991	0.991	0.991	0.990	0.990	0.989	0.989	0.988	0.987	0.986	0.985	0.984	0.982
	-23	0.992	0.992	0.992	0.992	0.992	0.992	0.992	0.992	0.992	0.992	0.991	0.991	0.990	0.990	0.989	0.988	0.987	0.986	0.985	0.983
	-24	0.993	0.993	0.993	0.993	0.993	0.993	0.993	0.993	0.993	0.992	0.992	0.991	0.991	0.990	0.990	0.989	0.988	0.987	0.985	0.984
	-25	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.993	0.993	0.993	0.993	0.992	0.992	0.991	0.990	0.990	0.989	0.987	0.986	0.984
	-26	0.995	0.995	0.995	0.995	0.995	0.994	0.994	0.994	0.994	0.993	0.993	0.993	0.992	0.992	0.991	0.990	0.989	0.988	0.986	0.985
	-27	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.994	0.994	0.994	0.993	0.993	0.992	0.991	0.990	0.989	0.988	0.987	
	-28	0.996	0.996	0.996	0.996	0.996	0.995	0.995	0.995	0.995	0.994	0.994	0.994	0.993	0.993	0.992	0.991	0.990	0.988		
	-29	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.995	0.995	0.995	0.994	0.994	0.993	0.993	0.992	0.991	0.990			
	-30	0.997	0.997	0.997	0.996	0.996	0.996	0.996	0.996	0.995	0.995	0.995	0.994	0.994	0.993	0.992	0.991				
	-31	0.997	0.997	0.997	0.997	0.997	0.996	0.996	0.996	0.996	0.995	0.995	0.995	0.994	0.993	0.993					
	-32	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.996	0.996	0.996	0.995	0.995	0.994	0.994						
	-33	0.998	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.996	0.996	0.995	0.995	0.994							
	-34	0.998	0.998	0.998	0.997	0.997	0.997	0.997	0.997	0.996	0.996	0.996	0.995								
	-35	0.998	0.998	0.998	0.998	0.998	0.997	0.997	0.997	0.996	0.996	0.996									
	-36	0.998	0.998	0.998	0.998	0.998	0.997	0.997	0.997	0.997	0.996										
	-37	0.998	0.998	0.998	0.998	0.998	0.998	0.997	0.997	0.997											
	-38	0.998	0.998	0.998	0.998	0.998	0.998	0.997	0.997												
	-39	0.999	0.998	0.998	0.998	0.998	0.998	0.997													
	-40	0.999	0.998	0.998	0.998	0.998	0.998														
	-41	0.999	0.999	0.998	0.998	0.998															
	-42	0.999	0.999	0.998	0.998																
	-43	0.999	0.999	0.998																	
	-44	0.999	0.999																		
	-45	0.999																			
	-46																				
	-47																				
	-48																				
	-49																				
	-50																				
Beneficiary	-51																				
older	-52																				
than	-53																				
Retiree	-54																				
	-55																				

Mortality Table: Blended Healthy Mortality, Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 7a: 50% Joint and Survivor Annuity - Option 3 - Healthy Members

(Factor Multiplied by Option 1 Non-Refund Life Annuity)

	Beneficiary Age Difference	Attained Age at Retirement																			
		65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84
Beneficiary	-56																				
older	-57																				
than	-58																				
Retiree	-59																				
	-60																				
Beneficiary	-61																				
older	-62																				
than	-63																				
Retiree	-64																				
	-65																				

Mortality Table: Blended Healthy Mortality, Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 7a: 50% Joint and Survivor Annuity - Option 3 - Healthy Members

(Factor Multiplied by Option 1 Non-Refund Life Annuity)

	Beneficiary Age Difference	Attained Age at Retirement															
		85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
Beneficiary	100																
younger	99																0.248
than	98															0.256	0.248
Retiree	97														0.266	0.257	0.248
	96													0.277	0.266	0.257	0.248
	95												0.289	0.277	0.266	0.257	0.248
	94											0.303	0.289	0.277	0.266	0.257	0.248
	93										0.318	0.303	0.289	0.277	0.267	0.257	0.248
	92									0.334	0.318	0.303	0.289	0.277	0.267	0.257	0.249
	91								0.351	0.334	0.318	0.303	0.290	0.277	0.267	0.258	0.249
	90							0.369	0.351	0.334	0.318	0.303	0.290	0.278	0.267	0.258	0.249
	89						0.388	0.369	0.351	0.334	0.318	0.304	0.290	0.278	0.267	0.258	0.249
	88					0.407	0.388	0.369	0.351	0.334	0.319	0.304	0.290	0.278	0.268	0.258	0.250
	87				0.427	0.408	0.388	0.369	0.351	0.335	0.319	0.304	0.290	0.278	0.268	0.259	0.250
	86			0.448	0.428	0.408	0.388	0.369	0.352	0.335	0.319	0.304	0.291	0.279	0.268	0.259	0.250
	85		0.468	0.448	0.428	0.408	0.388	0.370	0.352	0.335	0.319	0.305	0.291	0.279	0.269	0.259	0.251
	84	0.488	0.468	0.448	0.428	0.408	0.389	0.370	0.352	0.335	0.320	0.305	0.291	0.279	0.269	0.260	0.251
	83	0.488	0.468	0.448	0.428	0.408	0.389	0.370	0.353	0.336	0.320	0.305	0.292	0.280	0.269	0.260	0.251
	82	0.489	0.469	0.449	0.429	0.409	0.389	0.371	0.353	0.336	0.320	0.306	0.292	0.280	0.270	0.260	0.252
	81	0.489	0.469	0.449	0.429	0.409	0.390	0.371	0.353	0.336	0.321	0.306	0.292	0.280	0.270	0.261	0.252
	80	0.489	0.469	0.449	0.429	0.409	0.390	0.371	0.354	0.337	0.321	0.306	0.293	0.281	0.270	0.261	0.252
	79	0.489	0.470	0.450	0.429	0.410	0.390	0.372	0.354	0.337	0.321	0.307	0.293	0.281	0.271	0.261	0.253
	78	0.490	0.470	0.450	0.430	0.410	0.391	0.372	0.354	0.338	0.322	0.307	0.294	0.282	0.271	0.262	0.253
	77	0.490	0.470	0.450	0.430	0.410	0.391	0.372	0.355	0.338	0.322	0.308	0.294	0.282	0.272	0.262	0.254
	76	0.490	0.471	0.451	0.431	0.411	0.392	0.373	0.355	0.338	0.323	0.308	0.295	0.283	0.272	0.263	0.254
	75	0.491	0.471	0.451	0.431	0.411	0.392	0.373	0.356	0.339	0.323	0.309	0.295	0.283	0.273	0.263	0.255
	74	0.491	0.472	0.452	0.432	0.412	0.392	0.374	0.356	0.339	0.324	0.309	0.296	0.284	0.273	0.264	0.256
	73	0.492	0.472	0.452	0.432	0.412	0.393	0.374	0.357	0.340	0.324	0.310	0.296	0.284	0.274	0.265	0.256
	72	0.492	0.472	0.453	0.433	0.413	0.394	0.375	0.357	0.341	0.325	0.310	0.297	0.285	0.275	0.265	0.257
	71	0.493	0.473	0.453	0.433	0.413	0.394	0.376	0.358	0.341	0.326	0.311	0.297	0.285	0.275	0.266	0.258
	70	0.493	0.474	0.454	0.434	0.414	0.395	0.376	0.358	0.342	0.326	0.312	0.298	0.286	0.276	0.267	0.258
	69	0.494	0.474	0.454	0.434	0.415	0.395	0.377	0.359	0.342	0.327	0.312	0.299	0.287	0.277	0.268	0.259
	68	0.494	0.475	0.455	0.435	0.415	0.396	0.377	0.360	0.343	0.328	0.313	0.300	0.288	0.278	0.268	0.260
	67	0.495	0.475	0.456	0.436	0.416	0.397	0.378	0.361	0.344	0.328	0.314	0.300	0.288	0.278	0.269	0.261
	66	0.496	0.476	0.456	0.436	0.417	0.397	0.379	0.361	0.345	0.329	0.315	0.301	0.289	0.279	0.270	0.262
Beneficiary	65	0.496	0.477	0.457	0.437	0.417	0.398	0.380	0.362	0.346	0.330	0.316	0.302	0.290	0.280	0.271	0.263
younger	64	0.497	0.478	0.458	0.438	0.418	0.399	0.381	0.363	0.347	0.331	0.317	0.303	0.291	0.281	0.272	0.264
than	63	0.498	0.478	0.459	0.439	0.419	0.400	0.382	0.364	0.347	0.332	0.318	0.304	0.292	0.282	0.273	0.265
Retiree	62	0.499	0.479	0.460	0.440	0.420	0.401	0.383	0.365	0.349	0.333	0.319	0.305	0.293	0.283	0.274	0.266
	61	0.500	0.480	0.460	0.441	0.421	0.402	0.384	0.366	0.350	0.334	0.320	0.306	0.295	0.285	0.276	0.267

Mortality Table: Blended Healthy Mortality, Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 7a: 50% Joint and Survivor Annuity - Option 3 - Healthy Members

(Factor Multiplied by Option 1 Non-Refund Life Annuity)

	Beneficiary Age Difference	Attained Age at Retirement															
		85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
Beneficiary	60	0.501	0.481	0.461	0.442	0.422	0.403	0.385	0.367	0.351	0.335	0.321	0.308	0.296	0.286	0.277	0.269
younger	59	0.502	0.482	0.463	0.443	0.423	0.404	0.386	0.368	0.352	0.336	0.322	0.309	0.297	0.287	0.278	0.270
than	58	0.503	0.483	0.464	0.444	0.424	0.405	0.387	0.370	0.353	0.338	0.323	0.310	0.298	0.289	0.280	0.272
Retiree	57	0.504	0.484	0.465	0.445	0.426	0.407	0.388	0.371	0.355	0.339	0.325	0.312	0.300	0.290	0.281	0.273
	56	0.505	0.486	0.466	0.446	0.427	0.408	0.390	0.372	0.356	0.341	0.326	0.313	0.301	0.292	0.283	0.275
	55	0.506	0.487	0.467	0.448	0.428	0.409	0.391	0.374	0.357	0.342	0.328	0.315	0.303	0.293	0.285	0.277
	54	0.508	0.488	0.469	0.449	0.430	0.411	0.393	0.375	0.359	0.344	0.330	0.316	0.305	0.295	0.286	0.279
	53	0.509	0.490	0.470	0.451	0.431	0.413	0.394	0.377	0.361	0.345	0.331	0.318	0.307	0.297	0.288	0.281
	52	0.510	0.491	0.472	0.452	0.433	0.414	0.396	0.379	0.362	0.347	0.333	0.320	0.309	0.299	0.290	0.283
	51	0.512	0.493	0.473	0.454	0.435	0.416	0.398	0.381	0.364	0.349	0.335	0.322	0.311	0.301	0.293	0.285
	50	0.514	0.495	0.475	0.456	0.437	0.418	0.400	0.383	0.366	0.351	0.337	0.324	0.313	0.303	0.295	0.287
	49	0.515	0.496	0.477	0.458	0.439	0.420	0.402	0.385	0.368	0.353	0.339	0.326	0.315	0.306	0.298	0.290
	48	0.517	0.498	0.479	0.460	0.441	0.422	0.404	0.387	0.371	0.356	0.342	0.329	0.318	0.308	0.300	0.293
	47	0.519	0.500	0.481	0.462	0.443	0.424	0.406	0.389	0.373	0.358	0.344	0.331	0.320	0.311	0.303	0.296
	46	0.521	0.502	0.483	0.464	0.445	0.426	0.409	0.392	0.376	0.361	0.347	0.334	0.323	0.314	0.306	0.299
	45	0.523	0.505	0.486	0.466	0.448	0.429	0.411	0.394	0.378	0.364	0.350	0.337	0.326	0.317	0.309	0.302
	44	0.526	0.507	0.488	0.469	0.450	0.432	0.414	0.397	0.381	0.366	0.353	0.340	0.329	0.320	0.313	0.306
	43	0.528	0.509	0.491	0.472	0.453	0.434	0.417	0.400	0.384	0.370	0.356	0.343	0.333	0.324	0.316	0.310
	42	0.531	0.512	0.493	0.474	0.456	0.437	0.420	0.403	0.387	0.373	0.359	0.347	0.336	0.328	0.320	0.314
	41	0.533	0.515	0.496	0.477	0.459	0.441	0.423	0.406	0.391	0.376	0.363	0.351	0.340	0.332	0.324	0.318
	40	0.536	0.518	0.499	0.481	0.462	0.444	0.427	0.410	0.395	0.380	0.367	0.355	0.344	0.336	0.329	0.322
	39	0.539	0.521	0.502	0.484	0.465	0.447	0.430	0.414	0.398	0.384	0.371	0.359	0.349	0.341	0.333	0.327
	38	0.542	0.524	0.506	0.487	0.469	0.451	0.434	0.418	0.403	0.388	0.375	0.363	0.353	0.345	0.339	0.333
	37	0.546	0.528	0.510	0.491	0.473	0.455	0.438	0.422	0.407	0.393	0.380	0.368	0.358	0.351	0.344	0.338
	36	0.549	0.532	0.513	0.495	0.477	0.460	0.443	0.427	0.412	0.398	0.385	0.373	0.364	0.356	0.350	0.344
	35	0.553	0.535	0.518	0.499	0.482	0.464	0.447	0.431	0.417	0.403	0.390	0.379	0.369	0.362	0.356	0.350
	34	0.557	0.540	0.522	0.504	0.486	0.469	0.452	0.437	0.422	0.408	0.396	0.385	0.375	0.368	0.362	0.357
	33	0.562	0.544	0.526	0.509	0.491	0.474	0.458	0.442	0.427	0.414	0.402	0.391	0.382	0.375	0.369	0.364
	32	0.566	0.549	0.531	0.514	0.496	0.479	0.463	0.448	0.433	0.420	0.408	0.397	0.388	0.381	0.376	0.371
	31	0.571	0.554	0.537	0.519	0.502	0.485	0.469	0.454	0.440	0.427	0.415	0.404	0.395	0.389	0.384	0.379
	30	0.576	0.559	0.542	0.525	0.508	0.491	0.475	0.460	0.446	0.434	0.422	0.412	0.403	0.397	0.392	0.388
	29	0.581	0.565	0.548	0.531	0.514	0.498	0.482	0.467	0.454	0.441	0.430	0.419	0.411	0.405	0.400	0.397
	28	0.587	0.571	0.554	0.537	0.521	0.505	0.489	0.475	0.461	0.449	0.437	0.427	0.419	0.414	0.409	0.406
	27	0.593	0.577	0.560	0.544	0.528	0.512	0.497	0.482	0.469	0.457	0.446	0.436	0.428	0.423	0.419	0.416
	26	0.599	0.583	0.567	0.551	0.535	0.519	0.504	0.490	0.477	0.465	0.455	0.445	0.438	0.433	0.429	0.427
Beneficiary	25	0.606	0.590	0.574	0.559	0.543	0.527	0.513	0.499	0.486	0.474	0.464	0.455	0.448	0.443	0.440	0.439
younger	24	0.613	0.598	0.582	0.566	0.551	0.536	0.521	0.508	0.495	0.484	0.474	0.465	0.459	0.455	0.452	0.451
than	23	0.620	0.605	0.590	0.575	0.559	0.545	0.530	0.517	0.505	0.494	0.485	0.476	0.470	0.466	0.464	0.463
Retiree	22	0.628	0.613	0.598	0.583	0.568	0.554	0.540	0.527	0.515	0.505	0.496	0.488	0.482	0.479	0.477	0.477
	21	0.636	0.622	0.607	0.592	0.578	0.564	0.550	0.538	0.526	0.516	0.507	0.500	0.495	0.492	0.491	0.491

Mortality Table: Blended Healthy Mortality, Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 7a: 50% Joint and Survivor Annuity - Option 3 - Healthy Members

(Factor Multiplied by Option 1 Non-Refund Life Annuity)

	Beneficiary Age Difference	Attained Age at Retirement															
		85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
	20	0.644	0.630	0.616	0.602	0.588	0.574	0.561	0.549	0.538	0.528	0.520	0.513	0.508	0.506	0.505	0.506
	19	0.653	0.639	0.626	0.612	0.598	0.585	0.572	0.560	0.550	0.541	0.533	0.526	0.522	0.521	0.521	0.522
	18	0.662	0.649	0.636	0.622	0.609	0.596	0.584	0.573	0.563	0.554	0.547	0.540	0.537	0.536	0.537	0.539
	17	0.672	0.659	0.646	0.633	0.620	0.608	0.596	0.585	0.576	0.568	0.561	0.555	0.552	0.552	0.554	0.556
	16	0.682	0.669	0.657	0.644	0.632	0.620	0.609	0.599	0.590	0.582	0.576	0.571	0.569	0.569	0.571	0.575
	15	0.692	0.680	0.668	0.656	0.644	0.633	0.622	0.613	0.604	0.597	0.592	0.587	0.585	0.586	0.589	0.593
	14	0.703	0.691	0.680	0.669	0.657	0.646	0.636	0.627	0.619	0.613	0.608	0.604	0.603	0.605	0.608	0.613
	13	0.714	0.703	0.692	0.681	0.671	0.660	0.651	0.642	0.635	0.629	0.625	0.622	0.621	0.623	0.627	0.632
	12	0.725	0.715	0.705	0.694	0.684	0.675	0.666	0.658	0.651	0.646	0.642	0.640	0.640	0.642	0.647	0.653
	11	0.737	0.727	0.718	0.708	0.698	0.689	0.681	0.674	0.668	0.663	0.660	0.658	0.659	0.662	0.667	0.673
	10	0.749	0.740	0.731	0.722	0.713	0.704	0.697	0.690	0.685	0.681	0.678	0.677	0.678	0.682	0.687	0.692
	9	0.761	0.753	0.744	0.736	0.728	0.720	0.713	0.707	0.702	0.699	0.697	0.696	0.697	0.701	0.706	0.712
	8	0.773	0.766	0.758	0.750	0.743	0.736	0.729	0.724	0.720	0.717	0.715	0.715	0.717	0.720	0.725	0.730
	7	0.786	0.779	0.772	0.765	0.758	0.751	0.746	0.741	0.738	0.735	0.734	0.734	0.735	0.739	0.743	0.747
	6	0.799	0.792	0.786	0.779	0.773	0.767	0.762	0.758	0.755	0.753	0.752	0.752	0.753	0.756	0.760	0.764
Beneficiary	5	0.811	0.806	0.800	0.794	0.788	0.783	0.779	0.775	0.773	0.771	0.770	0.769	0.770	0.773	0.776	0.779
younger	4	0.824	0.819	0.814	0.809	0.804	0.799	0.795	0.792	0.789	0.788	0.787	0.786	0.786	0.788	0.791	0.793
than	3	0.837	0.832	0.828	0.823	0.818	0.814	0.811	0.808	0.806	0.804	0.802	0.801	0.801	0.803	0.804	0.806
Retiree	2	0.849	0.845	0.841	0.837	0.833	0.829	0.826	0.823	0.821	0.819	0.817	0.816	0.815	0.816	0.817	0.817
	1	0.861	0.858	0.854	0.850	0.847	0.843	0.840	0.838	0.835	0.833	0.831	0.829	0.828	0.827	0.827	0.826
Beneficiary same age as Retiree	**0**	**0.873**	**0.870**	**0.867**	**0.863**	**0.860**	**0.857**	**0.854**	**0.851**	**0.848**	**0.846**	**0.843**	**0.841**	**0.839**	**0.837**	**0.836**	**0.836**
Beneficiary	-1	0.884	0.881	0.879	0.876	0.873	0.869	0.866	0.863	0.860	0.857	0.855	0.851	0.848	0.847	0.845	0.845
older	-2	0.895	0.892	0.890	0.887	0.884	0.881	0.877	0.874	0.871	0.868	0.865	0.860	0.857	0.855	0.854	0.853
than	-3	0.905	0.903	0.900	0.898	0.894	0.891	0.888	0.884	0.881	0.877	0.873	0.869	0.865	0.863	0.862	0.861
Retiree	-4	0.914	0.912	0.910	0.907	0.904	0.901	0.897	0.894	0.890	0.885	0.881	0.876	0.873	0.871	0.869	0.868
	-5	0.923	0.921	0.918	0.916	0.913	0.909	0.906	0.901	0.897	0.892	0.888	0.884	0.880	0.878	0.876	0.873
	-6	0.930	0.928	0.926	0.923	0.920	0.917	0.913	0.908	0.904	0.899	0.895	0.891	0.887	0.884	0.881	0.878
	-7	0.937	0.935	0.933	0.930	0.927	0.923	0.919	0.914	0.910	0.905	0.901	0.897	0.893	0.889	0.885	0.881
	-8	0.943	0.942	0.939	0.936	0.933	0.929	0.924	0.920	0.915	0.911	0.907	0.902	0.897	0.893	0.889	0.884
	-9	0.949	0.947	0.945	0.942	0.938	0.934	0.929	0.925	0.921	0.916	0.912	0.906	0.901	0.896	0.891	0.887
	-10	0.954	0.952	0.949	0.946	0.942	0.938	0.934	0.930	0.925	0.921	0.916	0.910	0.904	0.899	0.894	0.889
	-11	0.958	0.956	0.953	0.950	0.946	0.942	0.938	0.934	0.930	0.925	0.919	0.913	0.907	0.901	0.896	
	-12	0.962	0.959	0.957	0.953	0.950	0.946	0.942	0.938	0.933	0.928	0.921	0.915	0.909	0.903		
	-13	0.965	0.962	0.960	0.957	0.953	0.950	0.946	0.941	0.936	0.930	0.924	0.917	0.911			
	-14	0.967	0.965	0.963	0.960	0.956	0.953	0.948	0.943	0.938	0.932	0.926	0.919				
	-15	0.970	0.968	0.965	0.962	0.959	0.955	0.950	0.945	0.939	0.934	0.927					

Mortality Table: Blended Healthy Mortality, Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 7a: 50% Joint and Survivor Annuity - Option 3 - Healthy Members

(Factor Multiplied by Option 1 Non-Refund Life Annuity)

	Beneficiary Age Difference	Attained Age at Retirement															
		85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
Beneficiary	-16	0.972	0.970	0.968	0.965	0.961	0.957	0.952	0.947	0.941	0.935						
older	-17	0.974	0.972	0.970	0.966	0.963	0.958	0.953	0.948	0.943							
than	-18	0.976	0.974	0.971	0.968	0.964	0.960	0.955	0.949								
Retiree	-19	0.977	0.975	0.972	0.969	0.965	0.961	0.956									
	-20	0.979	0.976	0.973	0.970	0.966	0.962										
	-21	0.980	0.977	0.974	0.971	0.967											
	-22	0.980	0.978	0.975	0.972												
	-23	0.981	0.979	0.976													
	-24	0.982	0.979														
	-25	0.982															
	-26																
	-27																
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	-45																
	-46																
	-47																
	-48																
	-49																
	-50																
Beneficiary	-51																
older	-52																
than	-53																
Retiree	-54																
	-55																

Mortality Table: Blended Healthy Mortality, Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 7a: 50% Joint and Survivor Annuity - Option 3 - Healthy Members

(Factor Multiplied by Option 1 Non-Refund Life Annuity)

	Beneficiary Age Difference	Attained Age at Retirement															
		85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
Beneficiary older than Retiree	-56																
	-57																
	-58																
	-59																
	-60																
Beneficiary older than Retiree	-61																
	-62																
	-63																
	-64																
	-65																

Mortality Table: Blended Healthy Mortality, Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 7b: 50% Joint and Survivor Annuity - Option 3 - Disabled Members

(Factor Multiplied by Option 1 Non-Refund Life Annuity)

	Beneficiary Age Difference	Attained Age at Retirement																			
		20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
Beneficiary	75																				
younger	74																				
than	73																				
Retiree	72																				
	71																				
	70																				
	69																				
	68																				
	67																				
	66																				
	65																				
	64																				
	63																				
	62																				
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	57																				
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	54																				
	53																				
	52																				
	51																				
	50																				
	49																				
	48																				
	47																				
	46																				
	45																				
	44																				
	43																				
	42																				
	41																				
Beneficiary	40																				
younger	39																				
than	38																				0.876
Retiree	37																			0.879	0.876
	36																		0.882	0.879	0.876

Mortality Table: Blended Disabled Mortality, Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 7b: 50% Joint and Survivor Annuity - Option 3 - Disabled Members

(Factor Multiplied by Option 1 Non-Refund Life Annuity)

	Beneficiary Age Difference	Attained Age at Retirement																			
		20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
	35																	0.884	0.882	0.879	0.877
	34																0.887	0.884	0.882	0.880	0.877
	33															0.889	0.887	0.885	0.883	0.880	0.878
	32														0.891	0.889	0.887	0.885	0.883	0.880	0.878
	31													0.893	0.891	0.889	0.887	0.885	0.883	0.881	0.878
	30												0.894	0.893	0.891	0.890	0.888	0.886	0.884	0.881	0.879
	29											0.896	0.895	0.893	0.892	0.890	0.888	0.886	0.884	0.882	0.879
	28										0.898	0.896	0.895	0.894	0.892	0.890	0.889	0.887	0.884	0.882	0.880
	27									0.899	0.898	0.897	0.895	0.894	0.892	0.891	0.889	0.887	0.885	0.883	0.880
	26								0.900	0.899	0.898	0.897	0.896	0.894	0.893	0.891	0.889	0.887	0.885	0.883	0.881
	25							0.902	0.901	0.900	0.898	0.897	0.896	0.895	0.893	0.892	0.890	0.888	0.886	0.884	0.881
	24						0.903	0.902	0.901	0.900	0.899	0.898	0.896	0.895	0.894	0.892	0.890	0.888	0.886	0.884	0.882
	23					0.904	0.903	0.902	0.901	0.900	0.899	0.898	0.897	0.895	0.894	0.892	0.891	0.889	0.887	0.885	0.882
	22				0.905	0.904	0.903	0.902	0.901	0.901	0.899	0.898	0.897	0.896	0.894	0.893	0.891	0.889	0.888	0.885	0.883
	21			0.906	0.905	0.904	0.903	0.903	0.902	0.901	0.900	0.899	0.898	0.896	0.895	0.893	0.892	0.890	0.888	0.886	0.884
	20		0.906	0.906	0.905	0.905	0.904	0.903	0.902	0.901	0.900	0.899	0.898	0.897	0.895	0.894	0.892	0.891	0.889	0.887	0.885
	19	0.907	0.907	0.906	0.906	0.905	0.904	0.903	0.903	0.902	0.901	0.900	0.899	0.897	0.896	0.895	0.893	0.891	0.889	0.887	0.885
	18	0.907	0.907	0.906	0.906	0.905	0.904	0.904	0.903	0.902	0.901	0.900	0.899	0.898	0.897	0.895	0.894	0.892	0.890	0.888	0.886
	17	0.908	0.907	0.907	0.906	0.906	0.905	0.904	0.903	0.903	0.902	0.901	0.900	0.898	0.897	0.896	0.894	0.893	0.891	0.889	0.887
	16	0.908	0.908	0.907	0.906	0.906	0.905	0.905	0.904	0.903	0.902	0.901	0.900	0.899	0.898	0.896	0.895	0.893	0.892	0.890	0.888
	15	0.908	0.908	0.907	0.907	0.906	0.906	0.905	0.904	0.903	0.903	0.902	0.901	0.900	0.898	0.897	0.896	0.894	0.892	0.891	0.889
	14	0.909	0.908	0.908	0.907	0.907	0.906	0.905	0.905	0.904	0.903	0.902	0.901	0.900	0.899	0.898	0.896	0.895	0.893	0.891	0.889
	13	0.909	0.909	0.908	0.908	0.907	0.907	0.906	0.905	0.904	0.904	0.903	0.902	0.901	0.900	0.898	0.897	0.896	0.894	0.892	0.890
	12	0.909	0.909	0.909	0.908	0.908	0.907	0.906	0.906	0.905	0.904	0.903	0.902	0.901	0.900	0.899	0.898	0.896	0.895	0.893	0.891
	11	0.910	0.909	0.909	0.908	0.908	0.907	0.907	0.906	0.906	0.905	0.904	0.903	0.902	0.901	0.900	0.899	0.897	0.896	0.894	0.892
	10	0.910	0.910	0.909	0.909	0.908	0.908	0.907	0.907	0.906	0.905	0.905	0.904	0.903	0.902	0.901	0.900	0.898	0.897	0.895	0.894
	9	0.910	0.910	0.910	0.909	0.909	0.908	0.908	0.907	0.907	0.906	0.905	0.905	0.904	0.903	0.902	0.900	0.899	0.898	0.896	0.895
	8	0.911	0.911	0.910	0.910	0.909	0.909	0.909	0.908	0.907	0.907	0.906	0.905	0.904	0.904	0.903	0.901	0.900	0.899	0.897	0.896
	7	0.911	0.911	0.911	0.910	0.910	0.910	0.909	0.909	0.908	0.907	0.907	0.906	0.905	0.904	0.903	0.902	0.901	0.900	0.899	0.897
	6	0.912	0.911	0.911	0.911	0.911	0.910	0.910	0.909	0.909	0.908	0.908	0.907	0.906	0.905	0.904	0.903	0.902	0.901	0.900	0.898
Beneficiary	5	0.912	0.912	0.912	0.911	0.911	0.911	0.910	0.910	0.909	0.909	0.908	0.908	0.907	0.906	0.905	0.904	0.903	0.902	0.901	0.900
younger	4	0.913	0.912	0.912	0.912	0.912	0.911	0.911	0.911	0.910	0.910	0.909	0.909	0.908	0.907	0.906	0.905	0.904	0.903	0.902	0.901
than	3	0.913	0.913	0.913	0.913	0.912	0.912	0.912	0.911	0.911	0.910	0.910	0.909	0.909	0.908	0.907	0.907	0.906	0.905	0.903	0.902
Retiree	2	0.914	0.914	0.913	0.913	0.913	0.913	0.912	0.912	0.912	0.911	0.911	0.910	0.910	0.909	0.908	0.908	0.907	0.906	0.905	0.904
	1	0.914	0.914	0.914	0.914	0.914	0.913	0.913	0.913	0.913	0.912	0.912	0.911	0.911	0.910	0.910	0.909	0.908	0.907	0.906	0.905
Beneficiary same age as Retiree	**0**	**0.915**	**0.915**	**0.915**	**0.914**	**0.914**	**0.914**	**0.914**	**0.914**	**0.913**	**0.913**	**0.913**	**0.912**	**0.912**	**0.911**	**0.911**	**0.910**	**0.909**	**0.908**	**0.907**	**0.906**

Mortality Table: Blended Disabled Mortality, Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 7b: 50% Joint and Survivor Annuity - Option 3 - Disabled Members

(Factor Multiplied by Option 1 Non-Refund Life Annuity)

	Beneficiary Age Difference	Attained Age at Retirement																			
		20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
Beneficiary	-1	0.915	0.915	0.915	0.915	0.915	0.915	0.915	0.914	0.914	0.914	0.914	0.913	0.913	0.912	0.912	0.911	0.911	0.910	0.909	0.908
older	-2	0.916	0.916	0.916	0.916	0.916	0.916	0.915	0.915	0.915	0.915	0.915	0.914	0.914	0.913	0.913	0.912	0.912	0.911	0.910	0.909
than	-3	0.916	0.916	0.916	0.916	0.916	0.916	0.916	0.916	0.916	0.916	0.916	0.915	0.915	0.915	0.914	0.914	0.913	0.913	0.912	0.911
Retiree	-4	0.917	0.917	0.917	0.917	0.917	0.917	0.917	0.917	0.917	0.917	0.917	0.916	0.916	0.916	0.915	0.915	0.915	0.914	0.913	0.913
	-5	0.918	0.918	0.918	0.918	0.918	0.918	0.918	0.918	0.918	0.918	0.918	0.917	0.917	0.917	0.917	0.916	0.916	0.916	0.915	0.914
	-6	0.918	0.918	0.919	0.919	0.919	0.919	0.919	0.919	0.919	0.919	0.919	0.919	0.918	0.918	0.918	0.918	0.917	0.917	0.917	0.916
	-7	0.919	0.919	0.919	0.919	0.920	0.920	0.920	0.920	0.920	0.920	0.920	0.920	0.920	0.920	0.919	0.919	0.919	0.919	0.918	0.918
	-8	0.920	0.920	0.920	0.920	0.920	0.921	0.921	0.921	0.921	0.921	0.921	0.921	0.921	0.921	0.921	0.921	0.920	0.920	0.920	0.920
	-9	0.921	0.921	0.921	0.921	0.921	0.921	0.922	0.922	0.922	0.922	0.922	0.922	0.922	0.922	0.922	0.922	0.922	0.922	0.922	0.921
	-10	0.921	0.921	0.922	0.922	0.922	0.922	0.923	0.923	0.923	0.923	0.923	0.923	0.924	0.924	0.924	0.924	0.924	0.924	0.923	0.923
	-11	0.922	0.922	0.923	0.923	0.923	0.923	0.924	0.924	0.924	0.924	0.925	0.925	0.925	0.925	0.925	0.925	0.925	0.925	0.925	0.925
	-12	0.923	0.923	0.923	0.924	0.924	0.924	0.925	0.925	0.925	0.926	0.926	0.926	0.926	0.927	0.927	0.927	0.927	0.927	0.927	0.927
	-13	0.924	0.924	0.924	0.925	0.925	0.925	0.926	0.926	0.926	0.927	0.927	0.927	0.928	0.928	0.928	0.928	0.929	0.929	0.929	0.929
	-14	0.924	0.925	0.925	0.926	0.926	0.926	0.927	0.927	0.928	0.928	0.928	0.929	0.929	0.930	0.930	0.930	0.930	0.931	0.931	0.931
	-15	0.925	0.926	0.926	0.927	0.927	0.928	0.928	0.928	0.929	0.929	0.930	0.930	0.931	0.931	0.931	0.932	0.932	0.932	0.933	0.933
	-16	0.926	0.927	0.927	0.928	0.928	0.929	0.929	0.930	0.930	0.931	0.931	0.932	0.932	0.933	0.933	0.934	0.934	0.934	0.935	0.935
	-17	0.927	0.928	0.928	0.929	0.929	0.930	0.930	0.931	0.932	0.932	0.933	0.933	0.934	0.934	0.935	0.935	0.936	0.936	0.937	0.937
	-18	0.928	0.929	0.929	0.930	0.930	0.931	0.932	0.932	0.933	0.933	0.934	0.935	0.935	0.936	0.937	0.937	0.938	0.938	0.939	0.939
	-19	0.929	0.930	0.930	0.931	0.932	0.932	0.933	0.934	0.934	0.935	0.936	0.936	0.937	0.938	0.938	0.939	0.940	0.940	0.941	0.941
	-20	0.930	0.931	0.931	0.932	0.933	0.934	0.934	0.935	0.936	0.936	0.937	0.938	0.939	0.939	0.940	0.941	0.941	0.942	0.943	0.943
	-21	0.931	0.932	0.933	0.933	0.934	0.935	0.936	0.936	0.937	0.938	0.939	0.939	0.940	0.941	0.942	0.943	0.943	0.944	0.945	0.946
	-22	0.932	0.933	0.934	0.935	0.935	0.936	0.937	0.938	0.939	0.939	0.940	0.941	0.942	0.943	0.944	0.945	0.945	0.946	0.947	0.948
	-23	0.933	0.934	0.935	0.936	0.937	0.937	0.938	0.939	0.940	0.941	0.942	0.943	0.944	0.945	0.946	0.946	0.947	0.948	0.949	0.950
	-24	0.935	0.935	0.936	0.937	0.938	0.939	0.940	0.941	0.942	0.943	0.944	0.945	0.945	0.946	0.947	0.948	0.949	0.950	0.951	0.952
	-25	0.936	0.937	0.937	0.938	0.939	0.940	0.941	0.942	0.943	0.944	0.945	0.946	0.947	0.948	0.949	0.950	0.951	0.952	0.953	0.954
	-26	0.937	0.938	0.939	0.940	0.941	0.942	0.943	0.944	0.945	0.946	0.947	0.948	0.949	0.950	0.951	0.952	0.953	0.954	0.955	0.956
	-27	0.938	0.939	0.940	0.941	0.942	0.943	0.944	0.945	0.946	0.948	0.949	0.950	0.951	0.952	0.953	0.954	0.955	0.957	0.958	0.959
	-28	0.939	0.940	0.941	0.942	0.944	0.945	0.946	0.947	0.948	0.949	0.950	0.952	0.953	0.954	0.955	0.956	0.957	0.959	0.960	0.961
	-29	0.941	0.942	0.943	0.944	0.945	0.946	0.947	0.949	0.950	0.951	0.952	0.953	0.955	0.956	0.957	0.958	0.959	0.961	0.962	0.963
	-30	0.942	0.943	0.944	0.945	0.947	0.948	0.949	0.950	0.951	0.953	0.954	0.955	0.956	0.958	0.959	0.960	0.961	0.963	0.964	0.965
	-31	0.943	0.945	0.946	0.947	0.948	0.949	0.951	0.952	0.953	0.954	0.956	0.957	0.958	0.960	0.961	0.962	0.963	0.965	0.966	0.967
	-32	0.945	0.946	0.947	0.948	0.950	0.951	0.952	0.953	0.955	0.956	0.957	0.959	0.960	0.961	0.963	0.964	0.965	0.967	0.968	0.969
	-33	0.946	0.947	0.949	0.950	0.951	0.953	0.954	0.955	0.957	0.958	0.959	0.961	0.962	0.963	0.965	0.966	0.967	0.969	0.970	0.971
	-34	0.948	0.949	0.950	0.951	0.953	0.954	0.956	0.957	0.958	0.960	0.961	0.962	0.964	0.965	0.967	0.968	0.969	0.970	0.972	0.973
	-35	0.949	0.950	0.952	0.953	0.954	0.956	0.957	0.959	0.960	0.961	0.963	0.964	0.966	0.967	0.968	0.970	0.971	0.972	0.974	0.975
Beneficiary	-36	0.951	0.952	0.953	0.955	0.956	0.957	0.959	0.960	0.962	0.963	0.965	0.966	0.967	0.969	0.970	0.972	0.973	0.974	0.975	0.977
older	-37	0.952	0.954	0.955	0.956	0.958	0.959	0.961	0.962	0.963	0.965	0.966	0.968	0.969	0.971	0.972	0.973	0.975	0.976	0.977	0.978
than	-38	0.954	0.955	0.956	0.958	0.959	0.961	0.962	0.964	0.965	0.967	0.968	0.969	0.971	0.972	0.974	0.975	0.976	0.978	0.979	0.980
Retiree	-39	0.955	0.957	0.958	0.960	0.961	0.962	0.964	0.965	0.967	0.968	0.970	0.971	0.973	0.974	0.975	0.977	0.978	0.979	0.980	0.982
	-40	0.957	0.958	0.960	0.961	0.963	0.964	0.966	0.967	0.969	0.970	0.971	0.973	0.974	0.976	0.977	0.978	0.980	0.981	0.982	0.983

Mortality Table: Blended Disabled Mortality, Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 7b: 50% Joint and Survivor Annuity - Option 3 - Disabled Members

(Factor Multiplied by Option 1 Non-Refund Life Annuity)

	Beneficiary Age Difference	Attained Age at Retirement																			
		20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
Beneficiary	-41	0.958	0.960	0.961	0.963	0.964	0.966	0.967	0.969	0.970	0.972	0.973	0.975	0.976	0.977	0.979	0.980	0.981	0.982	0.983	0.985
older	-42	0.960	0.961	0.963	0.964	0.966	0.967	0.969	0.970	0.972	0.973	0.975	0.976	0.977	0.979	0.980	0.981	0.983	0.984	0.985	0.986
than	-43	0.962	0.963	0.965	0.966	0.968	0.969	0.971	0.972	0.973	0.975	0.976	0.978	0.979	0.980	0.982	0.983	0.984	0.985	0.986	0.987
Retiree	-44	0.963	0.965	0.966	0.968	0.969	0.971	0.972	0.974	0.975	0.976	0.978	0.979	0.980	0.982	0.983	0.984	0.985	0.986	0.987	0.988
	-45	0.965	0.966	0.968	0.969	0.971	0.972	0.974	0.975	0.977	0.978	0.979	0.981	0.982	0.983	0.984	0.986	0.987	0.988	0.989	0.990
	-46	0.966	0.968	0.969	0.971	0.972	0.974	0.975	0.977	0.978	0.979	0.981	0.982	0.983	0.985	0.986	0.987	0.988	0.989	0.990	0.991
	-47	0.968	0.969	0.971	0.972	0.974	0.975	0.977	0.978	0.980	0.981	0.982	0.983	0.985	0.986	0.987	0.988	0.989	0.990	0.991	0.992
	-48	0.969	0.971	0.972	0.974	0.975	0.977	0.978	0.980	0.981	0.982	0.984	0.985	0.986	0.987	0.988	0.989	0.990	0.991	0.992	0.993
	-49	0.971	0.973	0.974	0.975	0.977	0.978	0.980	0.981	0.982	0.984	0.985	0.986	0.987	0.988	0.989	0.990	0.991	0.992	0.993	0.993
	-50	0.973	0.974	0.976	0.977	0.978	0.980	0.981	0.982	0.984	0.985	0.986	0.987	0.988	0.989	0.990	0.991	0.992	0.993	0.993	0.994
	-51	0.974	0.976	0.977	0.978	0.980	0.981	0.982	0.984	0.985	0.986	0.987	0.988	0.989	0.990	0.991	0.992	0.993	0.993	0.994	0.995
	-52	0.976	0.977	0.978	0.980	0.981	0.982	0.984	0.985	0.986	0.987	0.988	0.989	0.990	0.991	0.992	0.993	0.994	0.994	0.995	0.995
	-53	0.977	0.978	0.980	0.981	0.983	0.984	0.985	0.986	0.987	0.988	0.989	0.990	0.991	0.992	0.993	0.994	0.994	0.995	0.995	0.996
	-54	0.979	0.980	0.981	0.983	0.984	0.985	0.986	0.987	0.988	0.989	0.990	0.991	0.992	0.993	0.994	0.994	0.995	0.995	0.996	0.996
	-55	0.980	0.981	0.983	0.984	0.985	0.986	0.987	0.988	0.989	0.990	0.991	0.992	0.993	0.994	0.994	0.995	0.995	0.996	0.996	0.997
	-56	0.981	0.983	0.984	0.985	0.986	0.987	0.988	0.990	0.990	0.991	0.992	0.993	0.994	0.994	0.995	0.995	0.996	0.996	0.997	0.997
	-57	0.983	0.984	0.985	0.986	0.987	0.989	0.990	0.990	0.991	0.992	0.993	0.994	0.994	0.995	0.995	0.996	0.996	0.997	0.997	0.997
	-58	0.984	0.985	0.986	0.987	0.989	0.990	0.991	0.991	0.992	0.993	0.994	0.994	0.995	0.995	0.996	0.996	0.997	0.997	0.997	0.997
	-59	0.985	0.986	0.987	0.989	0.990	0.991	0.991	0.992	0.993	0.994	0.994	0.995	0.995	0.996	0.996	0.997	0.997	0.997	0.998	0.998
	-60	0.986	0.988	0.989	0.990	0.991	0.991	0.992	0.993	0.994	0.994	0.995	0.996	0.996	0.996	0.997	0.997	0.997	0.998	0.998	0.998
	-61	0.988	0.989	0.990	0.991	0.991	0.992	0.993	0.994	0.994	0.995	0.996	0.996	0.996	0.997	0.997	0.997	0.998	0.998	0.998	0.998
	-62	0.989	0.990	0.991	0.991	0.992	0.993	0.994	0.994	0.995	0.996	0.996	0.996	0.997	0.997	0.997	0.998	0.998	0.998	0.998	0.998
	-63	0.990	0.991	0.992	0.992	0.993	0.994	0.994	0.995	0.996	0.996	0.996	0.997	0.997	0.997	0.998	0.998	0.998	0.998	0.998	0.998
	-64	0.991	0.992	0.992	0.993	0.994	0.994	0.995	0.996	0.996	0.996	0.997	0.997	0.997	0.998	0.998	0.998	0.998	0.998	0.998	0.998
	-65	0.992	0.992	0.993	0.994	0.994	0.995	0.996	0.996	0.996	0.997	0.997	0.997	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.999
	-66	0.992	0.993	0.994	0.994	0.995	0.996	0.996	0.996	0.997	0.997	0.997	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.999	0.999
	-67	0.993	0.994	0.995	0.995	0.996	0.996	0.996	0.997	0.997	0.997	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.999	0.999	0.999
	-68	0.994	0.995	0.995	0.996	0.996	0.996	0.997	0.997	0.997	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.999	0.999	0.999	0.999
	-69	0.995	0.995	0.996	0.996	0.996	0.997	0.997	0.997	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.999	0.999	0.999	0.999	0.999
	-70	0.995	0.996	0.996	0.996	0.997	0.997	0.997	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.999	0.999	0.999	0.999	0.999	0.999
	-71	0.996	0.996	0.996	0.997	0.997	0.997	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.999	0.999	0.999	0.999	0.999	0.999	0.999
	-72	0.996	0.996	0.997	0.997	0.997	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.999	0.999	0.999	0.999	0.999	0.999	0.999	
	-73	0.996	0.997	0.997	0.997	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.999	0.999	0.999	0.999	0.999	0.999	0.999		
	-74	0.997	0.997	0.997	0.998	0.998	0.998	0.998	0.998	0.998	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999			
	-75	0.997	0.997	0.998	0.998	0.998	0.998	0.998	0.998	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999				
Beneficiary	-76	0.997	0.998	0.998	0.998	0.998	0.998	0.998	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999					
older	-77	0.998	0.998	0.998	0.998	0.998	0.998	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999						
than	-78	0.998	0.998	0.998	0.998	0.998	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999							
Retiree	-79	0.998	0.998	0.998	0.998	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999								
	-80	0.998	0.998	0.998	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999									

Mortality Table: Blended Disabled Mortality, Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 7b: 50% Joint and Survivor Annuity - Option 3 - Disabled Members

(Factor Multiplied by Option 1 Non-Refund Life Annuity)

	Beneficiary Age Difference	Attained Age at Retirement																			
		20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
Beneficiary	-81	0.998	0.998	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999										
older	-82	0.998	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999											
than	-83	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999												
Retiree	-84	0.999	0.999	0.999	0.999	0.999	0.999	0.999													
	-85	0.999	0.999	0.999	0.999	0.999	0.999														
Beneficiary	-86	0.999	0.999	0.999	0.999	0.999															
older	-87	0.999	0.999	0.999	0.999																
than	-88	0.999	0.999	0.999																	
Retiree	-89	0.999	0.999																		
	-90	0.999																			

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 7b: 50% Joint and Survivor Annuity - Option 3 - Disabled Members

(Factor Multiplied by Option 1 Non-Refund Life Annuity)

	Beneficiary Age Difference	Attained Age at Retirement																			
		40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59
Beneficiary	75																				
younger	74																				
than	73																				
Retiree	72																				
	71																				
	70																				
	69																				
	68																				
	67																				
	66																				
	65																				
	64																				
	63																				
	62																				
	61																				
	60																				
	59																				
	58																				0.775
	57																			0.782	0.775
	56																		0.788	0.782	0.776
	55																	0.794	0.788	0.782	0.776
	54																0.799	0.794	0.788	0.783	0.776
	53															0.805	0.800	0.794	0.789	0.783	0.777
	52														0.810	0.805	0.800	0.795	0.789	0.783	0.777
	51													0.816	0.811	0.806	0.800	0.795	0.789	0.784	0.778
	50												0.821	0.816	0.811	0.806	0.801	0.795	0.790	0.784	0.778
	49											0.826	0.821	0.816	0.811	0.806	0.801	0.796	0.790	0.785	0.779
	48										0.832	0.827	0.822	0.817	0.812	0.807	0.801	0.796	0.791	0.785	0.779
	47									0.837	0.832	0.827	0.822	0.817	0.812	0.807	0.802	0.797	0.791	0.786	0.780
	46								0.842	0.837	0.832	0.827	0.822	0.817	0.812	0.807	0.802	0.797	0.792	0.786	0.780
	45							0.847	0.842	0.838	0.833	0.828	0.823	0.818	0.813	0.808	0.803	0.798	0.792	0.787	0.781
	44						0.852	0.848	0.843	0.838	0.833	0.828	0.823	0.818	0.813	0.808	0.803	0.798	0.793	0.787	0.782
	43					0.857	0.853	0.848	0.843	0.838	0.833	0.828	0.824	0.819	0.814	0.809	0.804	0.799	0.794	0.788	0.782
	42				0.861	0.857	0.853	0.848	0.843	0.839	0.834	0.829	0.824	0.819	0.814	0.809	0.805	0.799	0.794	0.789	0.783
	41			0.866	0.862	0.858	0.853	0.849	0.844	0.839	0.834	0.829	0.825	0.820	0.815	0.810	0.805	0.800	0.795	0.789	0.784
Beneficiary	40		0.869	0.866	0.862	0.858	0.854	0.849	0.844	0.839	0.835	0.830	0.825	0.820	0.815	0.811	0.806	0.801	0.796	0.790	0.785
younger	39	0.873	0.870	0.866	0.862	0.858	0.854	0.849	0.845	0.840	0.835	0.830	0.826	0.821	0.816	0.811	0.806	0.801	0.796	0.791	0.785
than	38	0.873	0.870	0.866	0.863	0.859	0.854	0.850	0.845	0.840	0.836	0.831	0.826	0.821	0.817	0.812	0.807	0.802	0.797	0.792	0.786
Retiree	37	0.873	0.870	0.867	0.863	0.859	0.855	0.850	0.846	0.841	0.836	0.832	0.827	0.822	0.817	0.813	0.808	0.803	0.798	0.793	0.787
	36	0.874	0.870	0.867	0.863	0.860	0.855	0.851	0.846	0.841	0.837	0.832	0.827	0.823	0.818	0.813	0.809	0.804	0.799	0.794	0.788

Mortality Table: Blended Disabled Mortality, Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 7b: 50% Joint and Survivor Annuity - Option 3 - Disabled Members

(Factor Multiplied by Option 1 Non-Refund Life Annuity)

	Beneficiary Age Difference	Attained Age at Retirement																			
		40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59
	35	0.874	0.871	0.868	0.864	0.860	0.856	0.851	0.847	0.842	0.837	0.833	0.828	0.823	0.819	0.814	0.810	0.805	0.800	0.795	0.789
	34	0.874	0.871	0.868	0.864	0.860	0.856	0.852	0.847	0.843	0.838	0.833	0.829	0.824	0.820	0.815	0.810	0.806	0.801	0.796	0.790
	33	0.875	0.872	0.868	0.865	0.861	0.857	0.852	0.848	0.843	0.839	0.834	0.830	0.825	0.820	0.816	0.811	0.807	0.802	0.797	0.791
	32	0.875	0.872	0.869	0.865	0.862	0.857	0.853	0.848	0.844	0.839	0.835	0.830	0.826	0.821	0.817	0.812	0.808	0.803	0.798	0.793
	31	0.876	0.873	0.869	0.866	0.862	0.858	0.853	0.849	0.845	0.840	0.836	0.831	0.827	0.822	0.818	0.813	0.809	0.804	0.799	0.794
	30	0.876	0.873	0.870	0.866	0.863	0.859	0.854	0.850	0.845	0.841	0.836	0.832	0.828	0.823	0.819	0.814	0.810	0.805	0.800	0.795
	29	0.877	0.874	0.870	0.867	0.863	0.859	0.855	0.850	0.846	0.842	0.837	0.833	0.829	0.824	0.820	0.815	0.811	0.806	0.802	0.797
	28	0.877	0.874	0.871	0.868	0.864	0.860	0.856	0.851	0.847	0.842	0.838	0.834	0.830	0.825	0.821	0.817	0.812	0.808	0.803	0.798
	27	0.878	0.875	0.872	0.868	0.865	0.861	0.856	0.852	0.848	0.843	0.839	0.835	0.831	0.826	0.822	0.818	0.814	0.809	0.805	0.800
	26	0.878	0.875	0.872	0.869	0.865	0.861	0.857	0.853	0.849	0.844	0.840	0.836	0.832	0.828	0.823	0.819	0.815	0.811	0.806	0.801
	25	0.879	0.876	0.873	0.870	0.866	0.862	0.858	0.854	0.849	0.845	0.841	0.837	0.833	0.829	0.825	0.821	0.816	0.812	0.808	0.803
	24	0.879	0.877	0.874	0.870	0.867	0.863	0.859	0.855	0.850	0.846	0.842	0.838	0.834	0.830	0.826	0.822	0.818	0.814	0.809	0.805
	23	0.880	0.877	0.874	0.871	0.868	0.864	0.860	0.856	0.851	0.847	0.843	0.839	0.835	0.831	0.828	0.824	0.820	0.815	0.811	0.807
	22	0.881	0.878	0.875	0.872	0.868	0.865	0.861	0.857	0.853	0.849	0.845	0.841	0.837	0.833	0.829	0.825	0.821	0.817	0.813	0.809
	21	0.881	0.879	0.876	0.873	0.869	0.866	0.862	0.858	0.854	0.850	0.846	0.842	0.838	0.834	0.831	0.827	0.823	0.819	0.815	0.811
	20	0.882	0.880	0.877	0.874	0.870	0.867	0.863	0.859	0.855	0.851	0.847	0.843	0.840	0.836	0.832	0.829	0.825	0.821	0.817	0.813
	19	0.883	0.880	0.878	0.875	0.871	0.868	0.864	0.860	0.856	0.852	0.849	0.845	0.841	0.838	0.834	0.830	0.827	0.823	0.819	0.815
	18	0.884	0.881	0.878	0.876	0.872	0.869	0.865	0.861	0.857	0.854	0.850	0.846	0.843	0.839	0.836	0.832	0.829	0.825	0.821	0.818
	17	0.885	0.882	0.879	0.877	0.873	0.870	0.866	0.862	0.859	0.855	0.851	0.848	0.844	0.841	0.838	0.834	0.831	0.827	0.824	0.820
	16	0.885	0.883	0.880	0.878	0.874	0.871	0.867	0.864	0.860	0.857	0.853	0.850	0.846	0.843	0.840	0.836	0.833	0.830	0.826	0.823
	15	0.886	0.884	0.881	0.879	0.876	0.872	0.869	0.865	0.862	0.858	0.855	0.851	0.848	0.845	0.842	0.838	0.835	0.832	0.829	0.825
	14	0.887	0.885	0.883	0.880	0.877	0.874	0.870	0.867	0.863	0.860	0.856	0.853	0.850	0.847	0.844	0.841	0.838	0.834	0.831	0.828
	13	0.888	0.886	0.884	0.881	0.878	0.875	0.871	0.868	0.865	0.861	0.858	0.855	0.852	0.849	0.846	0.843	0.840	0.837	0.834	0.831
	12	0.889	0.887	0.885	0.882	0.879	0.876	0.873	0.870	0.866	0.863	0.860	0.857	0.854	0.851	0.848	0.845	0.843	0.840	0.837	0.834
	11	0.891	0.888	0.886	0.884	0.881	0.878	0.874	0.871	0.868	0.865	0.862	0.859	0.856	0.853	0.850	0.848	0.845	0.843	0.840	0.837
	10	0.892	0.890	0.887	0.885	0.882	0.879	0.876	0.873	0.870	0.867	0.864	0.861	0.858	0.855	0.853	0.850	0.848	0.845	0.843	0.840
	9	0.893	0.891	0.889	0.886	0.884	0.881	0.878	0.875	0.872	0.869	0.866	0.863	0.860	0.858	0.855	0.853	0.851	0.848	0.846	0.843
	8	0.894	0.892	0.890	0.888	0.885	0.882	0.879	0.876	0.873	0.871	0.868	0.865	0.863	0.860	0.858	0.856	0.854	0.851	0.849	0.847
	7	0.895	0.893	0.891	0.889	0.887	0.884	0.881	0.878	0.875	0.873	0.870	0.868	0.865	0.863	0.861	0.859	0.857	0.855	0.853	0.850
	6	0.897	0.895	0.893	0.891	0.888	0.886	0.883	0.880	0.877	0.875	0.872	0.870	0.868	0.866	0.864	0.862	0.860	0.858	0.856	0.854
Beneficiary	5	0.898	0.896	0.894	0.892	0.890	0.888	0.885	0.882	0.879	0.877	0.875	0.872	0.870	0.868	0.866	0.865	0.863	0.861	0.860	0.858
younger	4	0.899	0.898	0.896	0.894	0.892	0.889	0.887	0.884	0.882	0.879	0.877	0.875	0.873	0.871	0.869	0.868	0.866	0.865	0.863	0.862
than	3	0.901	0.899	0.898	0.896	0.894	0.891	0.889	0.886	0.884	0.882	0.879	0.877	0.876	0.874	0.872	0.871	0.870	0.868	0.867	0.866
Retiree	2	0.902	0.901	0.899	0.897	0.895	0.893	0.891	0.888	0.886	0.884	0.882	0.880	0.878	0.877	0.876	0.874	0.873	0.872	0.871	0.870
	1	0.904	0.902	0.901	0.899	0.897	0.895	0.893	0.891	0.888	0.886	0.885	0.883	0.881	0.880	0.879	0.878	0.877	0.876	0.875	0.874
Beneficiary same age as Retiree	**0**	**0.905**	**0.904**	**0.903**	**0.901**	**0.899**	**0.897**	**0.895**	**0.893**	**0.891**	**0.889**	**0.887**	**0.886**	**0.884**	**0.883**	**0.882**	**0.881**	**0.880**	**0.879**	**0.879**	**0.878**

Mortality Table: Blended Disabled Mortality, Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 7b: 50% Joint and Survivor Annuity - Option 3 - Disabled Members

(Factor Multiplied by Option 1 Non-Refund Life Annuity)

	Beneficiary Age Difference	Attained Age at Retirement																			
		40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59
Beneficiary	-1	0.907	0.906	0.904	0.903	0.901	0.899	0.897	0.895	0.893	0.891	0.890	0.888	0.887	0.886	0.885	0.884	0.884	0.883	0.883	0.882
older	-2	0.908	0.907	0.906	0.905	0.903	0.901	0.899	0.897	0.896	0.894	0.893	0.891	0.890	0.889	0.889	0.888	0.888	0.887	0.887	0.886
than	-3	0.910	0.909	0.908	0.907	0.905	0.903	0.902	0.900	0.898	0.897	0.895	0.894	0.893	0.893	0.892	0.892	0.891	0.891	0.891	0.891
Retiree	-4	0.912	0.911	0.910	0.909	0.907	0.906	0.904	0.902	0.901	0.899	0.898	0.897	0.897	0.896	0.896	0.895	0.895	0.895	0.895	0.895
	-5	0.914	0.913	0.912	0.911	0.909	0.908	0.906	0.905	0.903	0.902	0.901	0.900	0.900	0.899	0.899	0.899	0.899	0.899	0.899	0.899
	-6	0.915	0.915	0.914	0.913	0.912	0.910	0.909	0.907	0.906	0.905	0.904	0.903	0.903	0.903	0.903	0.903	0.903	0.903	0.903	0.904
	-7	0.917	0.917	0.916	0.915	0.914	0.913	0.911	0.910	0.909	0.908	0.907	0.907	0.906	0.906	0.906	0.906	0.907	0.907	0.908	0.908
	-8	0.919	0.918	0.918	0.917	0.916	0.915	0.914	0.913	0.912	0.911	0.910	0.910	0.910	0.910	0.910	0.910	0.911	0.911	0.912	0.913
	-9	0.921	0.920	0.920	0.919	0.918	0.917	0.916	0.915	0.914	0.914	0.913	0.913	0.913	0.913	0.913	0.914	0.915	0.915	0.916	0.917
	-10	0.923	0.922	0.922	0.921	0.921	0.920	0.919	0.918	0.917	0.917	0.916	0.916	0.916	0.917	0.917	0.918	0.918	0.919	0.920	0.921
	-11	0.925	0.925	0.924	0.924	0.923	0.922	0.921	0.921	0.920	0.920	0.919	0.919	0.920	0.920	0.921	0.921	0.922	0.923	0.924	0.925
	-12	0.927	0.927	0.926	0.926	0.925	0.925	0.924	0.923	0.923	0.923	0.923	0.923	0.923	0.924	0.924	0.925	0.926	0.927	0.928	0.930
	-13	0.929	0.929	0.929	0.928	0.928	0.927	0.927	0.926	0.926	0.926	0.926	0.926	0.926	0.927	0.928	0.929	0.930	0.931	0.932	0.934
	-14	0.931	0.931	0.931	0.931	0.930	0.930	0.929	0.929	0.929	0.929	0.929	0.929	0.930	0.931	0.931	0.932	0.934	0.935	0.936	0.938
	-15	0.933	0.933	0.933	0.933	0.933	0.933	0.932	0.932	0.932	0.932	0.932	0.933	0.933	0.934	0.935	0.936	0.937	0.939	0.940	0.942
	-16	0.935	0.935	0.935	0.936	0.935	0.935	0.935	0.935	0.935	0.935	0.935	0.936	0.936	0.937	0.938	0.940	0.941	0.943	0.944	0.946
	-17	0.937	0.938	0.938	0.938	0.938	0.938	0.938	0.938	0.938	0.938	0.938	0.939	0.940	0.941	0.942	0.943	0.945	0.946	0.948	0.949
	-18	0.940	0.940	0.940	0.940	0.941	0.941	0.940	0.940	0.941	0.941	0.941	0.942	0.943	0.944	0.945	0.947	0.948	0.950	0.951	0.953
	-19	0.942	0.942	0.943	0.943	0.943	0.943	0.943	0.943	0.943	0.944	0.945	0.945	0.946	0.947	0.949	0.950	0.952	0.953	0.955	0.957
	-20	0.944	0.945	0.945	0.945	0.946	0.946	0.946	0.946	0.946	0.947	0.948	0.948	0.949	0.951	0.952	0.953	0.955	0.957	0.958	0.960
	-21	0.946	0.947	0.947	0.948	0.948	0.948	0.949	0.949	0.949	0.950	0.951	0.951	0.953	0.954	0.955	0.957	0.958	0.960	0.962	0.963
	-22	0.948	0.949	0.950	0.950	0.951	0.951	0.951	0.952	0.952	0.953	0.953	0.954	0.956	0.957	0.958	0.960	0.961	0.963	0.965	0.966
	-23	0.951	0.951	0.952	0.953	0.953	0.954	0.954	0.954	0.955	0.956	0.956	0.957	0.959	0.960	0.961	0.963	0.964	0.966	0.968	0.969
	-24	0.953	0.954	0.954	0.955	0.956	0.956	0.956	0.957	0.958	0.958	0.959	0.960	0.961	0.963	0.964	0.966	0.967	0.969	0.971	0.972
	-25	0.955	0.956	0.957	0.957	0.958	0.959	0.959	0.960	0.960	0.961	0.962	0.963	0.964	0.966	0.967	0.969	0.970	0.972	0.973	0.975
	-26	0.957	0.958	0.959	0.960	0.961	0.961	0.962	0.962	0.963	0.964	0.965	0.966	0.967	0.968	0.970	0.971	0.973	0.974	0.976	0.977
	-27	0.960	0.961	0.961	0.962	0.963	0.964	0.964	0.965	0.965	0.966	0.967	0.968	0.970	0.971	0.972	0.974	0.975	0.977	0.978	0.980
	-28	0.962	0.963	0.964	0.964	0.965	0.966	0.966	0.967	0.968	0.969	0.970	0.971	0.972	0.973	0.975	0.976	0.978	0.979	0.980	0.982
	-29	0.964	0.965	0.966	0.967	0.968	0.968	0.969	0.970	0.970	0.971	0.972	0.973	0.974	0.976	0.977	0.978	0.980	0.981	0.982	0.984
	-30	0.966	0.967	0.968	0.969	0.970	0.970	0.971	0.972	0.973	0.974	0.975	0.976	0.977	0.978	0.979	0.980	0.982	0.983	0.984	0.985
	-31	0.968	0.969	0.970	0.971	0.972	0.973	0.973	0.974	0.975	0.976	0.977	0.978	0.979	0.980	0.981	0.982	0.984	0.985	0.986	0.987
	-32	0.970	0.971	0.972	0.973	0.974	0.975	0.975	0.976	0.977	0.978	0.979	0.980	0.981	0.982	0.983	0.984	0.985	0.986	0.987	0.988
	-33	0.972	0.973	0.974	0.975	0.976	0.977	0.977	0.978	0.979	0.980	0.981	0.982	0.983	0.984	0.985	0.986	0.987	0.988	0.989	0.990
	-34	0.974	0.975	0.976	0.977	0.978	0.979	0.979	0.980	0.981	0.982	0.983	0.984	0.985	0.985	0.986	0.987	0.988	0.989	0.990	0.991
	-35	0.976	0.977	0.978	0.979	0.980	0.981	0.981	0.982	0.983	0.984	0.984	0.985	0.986	0.987	0.988	0.989	0.990	0.990	0.991	0.992
Beneficiary	-36	0.978	0.979	0.980	0.981	0.982	0.982	0.983	0.984	0.984	0.985	0.986	0.987	0.988	0.988	0.989	0.990	0.991	0.991	0.992	0.992
older	-37	0.979	0.981	0.982	0.982	0.983	0.984	0.985	0.985	0.986	0.987	0.987	0.988	0.989	0.990	0.990	0.991	0.992	0.992	0.993	0.993
than	-38	0.981	0.982	0.983	0.984	0.985	0.986	0.986	0.987	0.987	0.988	0.989	0.989	0.990	0.991	0.991	0.992	0.992	0.993	0.993	0.994
Retiree	-39	0.983	0.984	0.985	0.986	0.986	0.987	0.988	0.988	0.989	0.989	0.990	0.991	0.991	0.992	0.992	0.993	0.993	0.994	0.994	0.994
	-40	0.984	0.985	0.986	0.987	0.988	0.988	0.989	0.989	0.990	0.991	0.991	0.992	0.992	0.993	0.993	0.993	0.994	0.994	0.994	0.995

Mortality Table: Blended Disabled Mortality, Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 7b: 50% Joint and Survivor Annuity - Option 3 - Disabled Members

(Factor Multiplied by Option 1 Non-Refund Life Annuity)

	Beneficiary Age Difference	Attained Age at Retirement																			
		40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59
Beneficiary	-41	0.986	0.987	0.987	0.988	0.989	0.990	0.990	0.991	0.991	0.992	0.992	0.993	0.993	0.993	0.994	0.994	0.994	0.995	0.995	0.995
older	-42	0.987	0.988	0.989	0.990	0.990	0.991	0.991	0.992	0.992	0.993	0.993	0.993	0.994	0.994	0.994	0.995	0.995	0.995	0.995	0.995
than	-43	0.988	0.989	0.990	0.991	0.991	0.992	0.992	0.993	0.993	0.993	0.994	0.994	0.994	0.995	0.995	0.995	0.995	0.995	0.996	0.996
Retiree	-44	0.989	0.990	0.991	0.992	0.992	0.993	0.993	0.993	0.994	0.994	0.994	0.995	0.995	0.995	0.995	0.995	0.996	0.996	0.996	0.996
	-45	0.990	0.991	0.992	0.993	0.993	0.994	0.994	0.994	0.994	0.995	0.995	0.995	0.995	0.995	0.996	0.996	0.996	0.996	0.996	0.996
	-46	0.991	0.992	0.993	0.993	0.994	0.994	0.995	0.995	0.995	0.995	0.995	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.997
	-47	0.992	0.993	0.994	0.994	0.995	0.995	0.995	0.995	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.997	0.997	0.997	0.997
	-48	0.993	0.994	0.994	0.995	0.995	0.995	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.997	0.997	0.997	0.997	0.997	0.997
	-49	0.994	0.994	0.995	0.995	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997
	-50	0.995	0.995	0.996	0.996	0.996	0.996	0.996	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997
	-51	0.995	0.996	0.996	0.996	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997
	-52	0.996	0.996	0.996	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	
	-53	0.996	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997		
	-54	0.997	0.997	0.997	0.997	0.997	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.997	0.997	0.997			
	-55	0.997	0.997	0.997	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998				
	-56	0.997	0.997	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998					
	-57	0.997	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998						
	-58	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998							
	-59	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998								
	-60	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998									
	-61	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998										
	-62	0.998	0.998	0.998	0.999	0.999	0.999	0.998	0.998	0.998											
	-63	0.998	0.998	0.999	0.999	0.999	0.999	0.999	0.998												
	-64	0.999	0.999	0.999	0.999	0.999	0.999	0.999													
	-65	0.999	0.999	0.999	0.999	0.999	0.999														
	-66	0.999	0.999	0.999	0.999	0.999															
	-67	0.999	0.999	0.999	0.999																
	-68	0.999	0.999	0.999																	
	-69	0.999	0.999																		
	-70	0.999																			
	-71																				
	-72																				
	-73																				
	-74																				
	-75																				
Beneficiary	-76																				
older	-77																				
than	-78																				
Retiree	-79																				
	-80																				

Mortality Table: Blended Disabled Mortality, Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 7b: 50% Joint and Survivor Annuity - Option 3 - Disabled Members

(Factor Multiplied by Option 1 Non-Refund Life Annuity)

	Beneficiary Age Difference	Attained Age at Retirement																		
		40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59
Beneficiary	-81																				
older	-82																				
than	-83																				
Retiree	-84																				
	-85																				
Beneficiary	-86																				
older	-87																				
than	-88																				
Retiree	-89																				
	-90																				

Mortality Table: Blended Disabled Mortality, Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 7b: 50% Joint and Survivor Annuity - Option 3 - Disabled Members

(Factor Multiplied by Option 1 Non-Refund Life Annuity)

	Beneficiary Age Difference	Attained Age at Retirement															
		60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75
Beneficiary	75																
younger	74																0.616
than	73															0.629	0.617
Retiree	72														0.641	0.629	0.617
	71													0.654	0.642	0.630	0.617
	70												0.665	0.654	0.642	0.630	0.617
	69											0.677	0.665	0.654	0.642	0.630	0.618
	68										0.688	0.677	0.666	0.654	0.643	0.631	0.618
	67									0.699	0.688	0.677	0.666	0.655	0.643	0.631	0.619
	66								0.709	0.699	0.688	0.677	0.666	0.655	0.643	0.631	0.619
	65							0.719	0.709	0.699	0.689	0.678	0.667	0.655	0.644	0.632	0.620
	64						0.728	0.719	0.709	0.699	0.689	0.678	0.667	0.656	0.644	0.632	0.620
	63					0.737	0.728	0.719	0.710	0.700	0.689	0.679	0.668	0.656	0.645	0.633	0.621
	62				0.745	0.737	0.729	0.719	0.710	0.700	0.690	0.679	0.668	0.657	0.645	0.633	0.621
	61			0.754	0.746	0.737	0.729	0.720	0.710	0.700	0.690	0.679	0.669	0.657	0.646	0.634	0.622
	60		0.761	0.754	0.746	0.738	0.729	0.720	0.711	0.701	0.691	0.680	0.669	0.658	0.646	0.634	0.622
	59	0.768	0.761	0.754	0.746	0.738	0.730	0.721	0.711	0.701	0.691	0.680	0.670	0.658	0.647	0.635	0.623
	58	0.769	0.762	0.754	0.747	0.739	0.730	0.721	0.712	0.702	0.692	0.681	0.670	0.659	0.647	0.636	0.624
	57	0.769	0.762	0.755	0.747	0.739	0.730	0.721	0.712	0.702	0.692	0.682	0.671	0.660	0.648	0.636	0.624
	56	0.769	0.762	0.755	0.747	0.739	0.731	0.722	0.713	0.703	0.693	0.682	0.671	0.660	0.649	0.637	0.625
	55	0.770	0.763	0.756	0.748	0.740	0.731	0.722	0.713	0.703	0.693	0.683	0.672	0.661	0.650	0.638	0.626
	54	0.770	0.763	0.756	0.748	0.740	0.732	0.723	0.714	0.704	0.694	0.683	0.673	0.662	0.650	0.639	0.627
	53	0.770	0.764	0.756	0.749	0.741	0.732	0.724	0.714	0.705	0.695	0.684	0.673	0.662	0.651	0.639	0.628
	52	0.771	0.764	0.757	0.749	0.741	0.733	0.724	0.715	0.705	0.695	0.685	0.674	0.663	0.652	0.640	0.629
	51	0.771	0.765	0.757	0.750	0.742	0.734	0.725	0.716	0.706	0.696	0.686	0.675	0.664	0.653	0.641	0.630
	50	0.772	0.765	0.758	0.751	0.743	0.734	0.726	0.716	0.707	0.697	0.687	0.676	0.665	0.654	0.642	0.631
	49	0.772	0.766	0.759	0.751	0.743	0.735	0.726	0.717	0.708	0.698	0.687	0.677	0.666	0.655	0.643	0.632
	48	0.773	0.766	0.759	0.752	0.744	0.736	0.727	0.718	0.708	0.699	0.688	0.678	0.667	0.656	0.645	0.633
	47	0.773	0.767	0.760	0.752	0.745	0.736	0.728	0.719	0.709	0.700	0.689	0.679	0.668	0.657	0.646	0.634
	46	0.774	0.768	0.761	0.753	0.745	0.737	0.729	0.720	0.710	0.700	0.690	0.680	0.669	0.658	0.647	0.636
	45	0.775	0.768	0.761	0.754	0.746	0.738	0.730	0.721	0.711	0.702	0.691	0.681	0.670	0.660	0.648	0.637
	44	0.775	0.769	0.762	0.755	0.747	0.739	0.730	0.722	0.712	0.703	0.693	0.682	0.672	0.661	0.650	0.638
	43	0.776	0.770	0.763	0.756	0.748	0.740	0.731	0.723	0.713	0.704	0.694	0.684	0.673	0.662	0.651	0.640
	42	0.777	0.770	0.764	0.756	0.749	0.741	0.733	0.724	0.715	0.705	0.695	0.685	0.675	0.664	0.653	0.642
	41	0.778	0.771	0.765	0.757	0.750	0.742	0.734	0.725	0.716	0.706	0.696	0.686	0.676	0.665	0.654	0.643
Beneficiary	40	0.779	0.772	0.766	0.758	0.751	0.743	0.735	0.726	0.717	0.708	0.698	0.688	0.678	0.667	0.656	0.645
younger	39	0.779	0.773	0.767	0.759	0.752	0.744	0.736	0.727	0.718	0.709	0.699	0.690	0.679	0.669	0.658	0.647
than	38	0.780	0.774	0.768	0.761	0.753	0.745	0.737	0.729	0.720	0.711	0.701	0.691	0.681	0.671	0.660	0.649
Retiree	37	0.781	0.775	0.769	0.762	0.754	0.747	0.739	0.730	0.721	0.712	0.703	0.693	0.683	0.673	0.662	0.651
	36	0.782	0.776	0.770	0.763	0.756	0.748	0.740	0.732	0.723	0.714	0.704	0.695	0.685	0.675	0.664	0.653

Mortality Table: Blended Disabled Mortality, Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 7b: 50% Joint and Survivor Annuity - Option 3 - Disabled Members

(Factor Multiplied by Option 1 Non-Refund Life Annuity)

	Beneficiary Age Difference	Attained Age at Retirement															
		60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75
	35	0.784	0.777	0.771	0.764	0.757	0.750	0.742	0.733	0.725	0.716	0.706	0.697	0.687	0.677	0.666	0.656
	34	0.785	0.779	0.772	0.766	0.759	0.751	0.743	0.735	0.726	0.718	0.708	0.699	0.689	0.679	0.669	0.658
	33	0.786	0.780	0.774	0.767	0.760	0.753	0.745	0.737	0.728	0.719	0.710	0.701	0.691	0.681	0.671	0.661
	32	0.787	0.781	0.775	0.769	0.762	0.754	0.747	0.739	0.730	0.722	0.713	0.703	0.694	0.684	0.674	0.664
	31	0.789	0.783	0.777	0.770	0.763	0.756	0.749	0.741	0.732	0.724	0.715	0.706	0.696	0.687	0.677	0.667
	30	0.790	0.784	0.778	0.772	0.765	0.758	0.751	0.743	0.735	0.726	0.717	0.708	0.699	0.689	0.680	0.670
	29	0.791	0.786	0.780	0.774	0.767	0.760	0.753	0.745	0.737	0.728	0.720	0.711	0.702	0.692	0.683	0.673
	28	0.793	0.787	0.782	0.775	0.769	0.762	0.755	0.747	0.739	0.731	0.722	0.714	0.705	0.695	0.686	0.677
	27	0.795	0.789	0.783	0.777	0.771	0.764	0.757	0.750	0.742	0.734	0.725	0.717	0.708	0.699	0.690	0.680
	26	0.796	0.791	0.785	0.779	0.773	0.766	0.759	0.752	0.744	0.736	0.728	0.720	0.711	0.702	0.693	0.684
	25	0.798	0.793	0.787	0.781	0.775	0.769	0.762	0.755	0.747	0.739	0.731	0.723	0.714	0.706	0.697	0.688
	24	0.800	0.795	0.789	0.784	0.778	0.771	0.764	0.757	0.750	0.742	0.734	0.726	0.718	0.710	0.701	0.692
	23	0.802	0.797	0.792	0.786	0.780	0.774	0.767	0.760	0.753	0.746	0.738	0.730	0.722	0.714	0.705	0.697
	22	0.804	0.799	0.794	0.788	0.783	0.776	0.770	0.763	0.756	0.749	0.741	0.734	0.726	0.718	0.710	0.701
	21	0.806	0.801	0.796	0.791	0.785	0.779	0.773	0.767	0.760	0.753	0.745	0.738	0.730	0.722	0.714	0.706
	20	0.809	0.804	0.799	0.794	0.788	0.782	0.776	0.770	0.763	0.756	0.749	0.742	0.734	0.727	0.719	0.711
	19	0.811	0.806	0.802	0.796	0.791	0.785	0.780	0.773	0.767	0.760	0.753	0.746	0.739	0.732	0.724	0.717
	18	0.813	0.809	0.804	0.799	0.794	0.789	0.783	0.777	0.771	0.764	0.758	0.751	0.744	0.737	0.730	0.722
	17	0.816	0.812	0.807	0.802	0.797	0.792	0.787	0.781	0.775	0.768	0.762	0.755	0.749	0.742	0.735	0.728
	16	0.819	0.815	0.810	0.806	0.801	0.796	0.790	0.785	0.779	0.773	0.767	0.760	0.754	0.748	0.741	0.734
	15	0.821	0.818	0.813	0.809	0.804	0.799	0.794	0.789	0.783	0.778	0.772	0.766	0.760	0.753	0.747	0.741
	14	0.824	0.821	0.817	0.812	0.808	0.803	0.798	0.793	0.788	0.782	0.777	0.771	0.765	0.759	0.753	0.747
	13	0.827	0.824	0.820	0.816	0.812	0.807	0.803	0.798	0.793	0.787	0.782	0.777	0.771	0.766	0.760	0.754
	12	0.831	0.827	0.824	0.820	0.816	0.812	0.807	0.802	0.798	0.793	0.788	0.782	0.777	0.772	0.767	0.762
	11	0.834	0.831	0.827	0.824	0.820	0.816	0.812	0.807	0.803	0.798	0.793	0.788	0.783	0.779	0.774	0.769
	10	0.837	0.834	0.831	0.828	0.824	0.820	0.816	0.812	0.808	0.804	0.799	0.795	0.790	0.785	0.781	0.776
	9	0.841	0.838	0.835	0.832	0.828	0.825	0.821	0.817	0.813	0.809	0.805	0.801	0.797	0.793	0.788	0.784
	8	0.844	0.842	0.839	0.836	0.833	0.830	0.826	0.823	0.819	0.815	0.811	0.807	0.804	0.800	0.796	0.792
	7	0.848	0.846	0.843	0.841	0.838	0.835	0.831	0.828	0.825	0.821	0.818	0.814	0.811	0.807	0.804	0.800
	6	0.852	0.850	0.848	0.845	0.842	0.840	0.837	0.834	0.831	0.827	0.824	0.821	0.818	0.815	0.811	0.808
Beneficiary	5	0.856	0.854	0.852	0.850	0.847	0.845	0.842	0.839	0.837	0.834	0.831	0.828	0.825	0.822	0.819	0.817
younger	4	0.860	0.858	0.856	0.854	0.852	0.850	0.848	0.845	0.843	0.840	0.837	0.835	0.832	0.830	0.828	0.825
than	3	0.864	0.863	0.861	0.859	0.857	0.855	0.853	0.851	0.849	0.847	0.844	0.842	0.840	0.838	0.836	0.834
Retiree	2	0.868	0.867	0.866	0.864	0.863	0.861	0.859	0.857	0.855	0.853	0.851	0.849	0.847	0.846	0.844	0.842
	1	0.873	0.872	0.870	0.869	0.868	0.866	0.865	0.863	0.861	0.860	0.858	0.856	0.855	0.853	0.852	0.851
Beneficiary same age as Retiree	**0**	**0.877**	**0.876**	**0.875**	**0.874**	**0.873**	**0.872**	**0.871**	**0.869**	**0.868**	**0.866**	**0.865**	**0.864**	**0.862**	**0.861**	**0.860**	**0.860**

Mortality Table: Blended Disabled Mortality, Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 7b: 50% Joint and Survivor Annuity - Option 3 - Disabled Members

(Factor Multiplied by Option 1 Non-Refund Life Annuity)

	Beneficiary Age Difference	Attained Age at Retirement															
		60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75
Beneficiary	-1	0.882	0.881	0.880	0.879	0.878	0.877	0.876	0.875	0.874	0.873	0.872	0.871	0.870	0.869	0.869	0.868
older	-2	0.886	0.886	0.885	0.884	0.884	0.883	0.882	0.881	0.880	0.880	0.879	0.878	0.878	0.877	0.877	0.877
than	-3	0.891	0.890	0.890	0.890	0.889	0.889	0.888	0.887	0.887	0.886	0.886	0.885	0.885	0.885	0.885	0.885
Retiree	-4	0.895	0.895	0.895	0.895	0.894	0.894	0.894	0.893	0.893	0.893	0.893	0.892	0.892	0.892	0.893	0.893
	-5	0.900	0.900	0.900	0.900	0.900	0.900	0.900	0.899	0.899	0.899	0.899	0.899	0.900	0.900	0.900	0.901
	-6	0.904	0.904	0.905	0.905	0.905	0.905	0.905	0.905	0.906	0.906	0.906	0.906	0.907	0.907	0.908	0.909
	-7	0.909	0.909	0.910	0.910	0.910	0.911	0.911	0.911	0.912	0.912	0.912	0.913	0.914	0.914	0.915	0.916
	-8	0.913	0.914	0.914	0.915	0.915	0.916	0.916	0.917	0.918	0.918	0.919	0.919	0.920	0.921	0.922	0.923
	-9	0.918	0.918	0.919	0.920	0.921	0.921	0.922	0.923	0.923	0.924	0.925	0.926	0.927	0.928	0.929	0.930
	-10	0.922	0.923	0.924	0.925	0.926	0.926	0.927	0.928	0.929	0.930	0.931	0.932	0.933	0.934	0.935	0.937
	-11	0.926	0.928	0.929	0.930	0.931	0.932	0.932	0.933	0.934	0.935	0.936	0.938	0.939	0.940	0.941	0.943
	-12	0.931	0.932	0.933	0.934	0.935	0.936	0.938	0.939	0.940	0.941	0.942	0.943	0.944	0.946	0.947	0.948
	-13	0.935	0.936	0.938	0.939	0.940	0.941	0.942	0.944	0.945	0.946	0.947	0.948	0.950	0.951	0.952	0.954
	-14	0.939	0.941	0.942	0.943	0.945	0.946	0.947	0.948	0.950	0.951	0.952	0.953	0.954	0.956	0.957	0.958
	-15	0.943	0.945	0.946	0.948	0.949	0.950	0.952	0.953	0.954	0.955	0.957	0.958	0.959	0.960	0.962	0.963
	-16	0.947	0.949	0.950	0.952	0.953	0.954	0.956	0.957	0.958	0.960	0.961	0.962	0.963	0.965	0.966	0.967
	-17	0.951	0.953	0.954	0.956	0.957	0.958	0.960	0.961	0.962	0.964	0.965	0.966	0.967	0.968	0.969	0.970
	-18	0.955	0.956	0.958	0.959	0.961	0.962	0.964	0.965	0.966	0.967	0.969	0.970	0.971	0.972	0.972	0.973
	-19	0.958	0.960	0.961	0.963	0.964	0.966	0.967	0.968	0.970	0.971	0.972	0.973	0.974	0.975	0.975	0.976
	-20	0.962	0.963	0.965	0.966	0.968	0.969	0.971	0.972	0.973	0.974	0.975	0.976	0.977	0.977	0.978	0.978
	-21	0.965	0.967	0.968	0.970	0.971	0.972	0.974	0.975	0.976	0.977	0.978	0.978	0.979	0.979	0.980	0.980
	-22	0.968	0.970	0.971	0.973	0.974	0.975	0.976	0.977	0.978	0.979	0.980	0.981	0.981	0.981	0.982	0.982
	-23	0.971	0.973	0.974	0.975	0.977	0.978	0.979	0.980	0.981	0.981	0.982	0.983	0.983	0.983	0.983	0.983
	-24	0.974	0.975	0.977	0.978	0.979	0.980	0.981	0.982	0.983	0.983	0.984	0.984	0.985	0.985	0.985	0.985
	-25	0.976	0.978	0.979	0.980	0.981	0.982	0.983	0.984	0.985	0.985	0.985	0.986	0.986	0.986	0.986	0.986
	-26	0.979	0.980	0.981	0.982	0.983	0.984	0.985	0.986	0.986	0.987	0.987	0.987	0.987	0.987	0.987	0.987
	-27	0.981	0.982	0.983	0.984	0.985	0.986	0.987	0.987	0.988	0.988	0.988	0.988	0.988	0.988	0.988	0.988
	-28	0.983	0.984	0.985	0.986	0.987	0.987	0.988	0.988	0.989	0.989	0.989	0.989	0.989	0.989	0.989	0.989
	-29	0.985	0.986	0.987	0.987	0.988	0.989	0.989	0.990	0.990	0.990	0.990	0.990	0.990	0.990	0.990	0.989
	-30	0.986	0.987	0.988	0.989	0.989	0.990	0.990	0.990	0.991	0.991	0.991	0.991	0.991	0.990	0.990	0.990
	-31	0.988	0.989	0.989	0.990	0.990	0.991	0.991	0.991	0.991	0.991	0.991	0.991	0.991	0.991	0.991	0.990
	-32	0.989	0.990	0.990	0.991	0.991	0.992	0.992	0.992	0.992	0.992	0.992	0.992	0.992	0.992	0.991	0.991
	-33	0.990	0.991	0.991	0.992	0.992	0.992	0.992	0.993	0.993	0.993	0.993	0.992	0.992	0.992	0.992	0.991
	-34	0.991	0.992	0.992	0.993	0.993	0.993	0.993	0.993	0.993	0.993	0.993	0.993	0.993	0.992	0.992	0.991
	-35	0.992	0.993	0.993	0.993	0.993	0.993	0.994	0.994	0.994	0.994	0.993	0.993	0.993	0.992	0.992	0.992
Beneficiary	-36	0.993	0.993	0.993	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.993	0.993	0.993	0.992	
older	-37	0.993	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.993	0.993		
than	-38	0.994	0.994	0.994	0.995	0.995	0.995	0.995	0.995	0.995	0.994	0.994	0.994	0.994			
Retiree	-39	0.994	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.994	0.994				
	-40	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.994					

Mortality Table: Blended Disabled Mortality, Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 7b: 50% Joint and Survivor Annuity - Option 3 - Disabled Members

(Factor Multiplied by Option 1 Non-Refund Life Annuity)

	Beneficiary Age Difference	Attained Age at Retirement															
		60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75
Beneficiary	-41	0.995	0.995	0.996	0.996	0.996	0.996	0.995	0.995	0.995	0.995						
older	-42	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.995	0.995							
than	-43	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996								
Retiree	-44	0.996	0.996	0.996	0.996	0.996	0.996	0.996									
	-45	0.996	0.996	0.996	0.996	0.996	0.996										
	-46	0.997	0.997	0.997	0.996	0.996											
	-47	0.997	0.997	0.997	0.997												
	-48	0.997	0.997	0.997													
	-49	0.997	0.997														
	-50	0.997															
	-51																
	-52																
	-53																
	-54																
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	-63																
	-64																
	-65																
	-66																
	-67																
	-68																
	-69																
	-70																
	-71																
	-72																
	-73																
	-74																
	-75																
Beneficiary	-76																
older	-77																
than	-78																
Retiree	-79																
	-80																

Mortality Table: Blended Disabled Mortality, Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 7b: 50% Joint and Survivor Annuity - Option 3 - Disabled Members

(Factor Multiplied by Option 1 Non-Refund Life Annuity)

	Beneficiary Age Difference	Attained Age at Retirement															
		60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75
Beneficiary	-81																
older	-82																
than	-83																
Retiree	-84																
	-85																
Beneficiary	-86																
older	-87																
than	-88																
Retiree	-89																
	-90																

Mortality Table: Blended Disabled Mortality, Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 8a: 100% Joint and Survivor Annuity with Pop-up Feature - Option 2A - Healthy Members

(Factor Multiplied by Option 1 Non-Refund Life Annuity)

	Beneficiary Age Difference	Attained Age at Retirement																			
		45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
Beneficiary	100																				
younger	99																				
than	98																				
Retiree	97																				
	96																				
	95																				
	94																				
	93																				
	92																				
	91																				
	90																				
	89																				
	88																				
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	75																				
	74																				
	73																				
	72																				
	71																				
	70																				
	69																				
	68																				
	67																				
	66																				
Beneficiary	65																				
younger	64																				
than	63																				0.683
Retiree	62																			0.698	0.684
	61																		0.712	0.698	0.684

Mortality Table: Blended Healthy Mortality, Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 8a: 100% Joint and Survivor Annuity with Pop-up Feature - Option 2A - Healthy Members

(Factor Multiplied by Option 1 Non-Refund Life Annuity)

	Beneficiary Age Difference	Attained Age at Retirement																			
		45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
Beneficiary	60																	0.725	0.712	0.699	0.685
younger	59																0.738	0.726	0.713	0.699	0.685
than	58															0.751	0.739	0.726	0.713	0.700	0.686
Retiree	57														0.763	0.751	0.739	0.727	0.714	0.700	0.687
	56													0.774	0.763	0.752	0.740	0.727	0.714	0.701	0.687
	55												0.785	0.775	0.764	0.752	0.740	0.728	0.715	0.702	0.688
	54											0.796	0.786	0.775	0.764	0.753	0.741	0.728	0.715	0.702	0.689
	53										0.806	0.796	0.786	0.776	0.765	0.753	0.741	0.729	0.716	0.703	0.689
	52									0.816	0.807	0.797	0.787	0.776	0.765	0.754	0.742	0.730	0.717	0.704	0.690
	51								0.825	0.816	0.807	0.798	0.787	0.777	0.766	0.755	0.743	0.730	0.718	0.704	0.691
	50							0.834	0.826	0.817	0.808	0.798	0.788	0.778	0.767	0.755	0.744	0.731	0.718	0.705	0.692
	49						0.843	0.835	0.826	0.818	0.808	0.799	0.789	0.778	0.767	0.756	0.744	0.732	0.719	0.706	0.693
	48					0.851	0.843	0.835	0.827	0.818	0.809	0.799	0.789	0.779	0.768	0.757	0.745	0.733	0.720	0.707	0.694
	47				0.859	0.851	0.844	0.836	0.828	0.819	0.810	0.800	0.790	0.780	0.769	0.758	0.746	0.734	0.721	0.708	0.695
	46			0.866	0.859	0.852	0.844	0.837	0.828	0.820	0.810	0.801	0.791	0.781	0.770	0.759	0.747	0.735	0.722	0.709	0.696
	45		0.873	0.867	0.860	0.853	0.845	0.837	0.829	0.820	0.811	0.802	0.792	0.781	0.771	0.760	0.748	0.736	0.723	0.710	0.697
	44	0.880	0.874	0.867	0.860	0.853	0.846	0.838	0.830	0.821	0.812	0.803	0.793	0.782	0.772	0.761	0.749	0.737	0.724	0.711	0.698
	43	0.880	0.874	0.868	0.861	0.854	0.846	0.839	0.830	0.822	0.813	0.803	0.794	0.783	0.773	0.762	0.750	0.738	0.725	0.713	0.699
	42	0.881	0.875	0.868	0.862	0.855	0.847	0.839	0.831	0.823	0.814	0.804	0.794	0.784	0.774	0.763	0.751	0.739	0.727	0.714	0.701
	41	0.881	0.875	0.869	0.862	0.855	0.848	0.840	0.832	0.823	0.815	0.805	0.795	0.785	0.775	0.764	0.752	0.740	0.728	0.715	0.702
	40	0.882	0.876	0.870	0.863	0.856	0.849	0.841	0.833	0.824	0.816	0.806	0.797	0.786	0.776	0.765	0.754	0.742	0.729	0.717	0.704
	39	0.883	0.877	0.870	0.864	0.857	0.849	0.842	0.834	0.825	0.817	0.807	0.798	0.788	0.777	0.766	0.755	0.743	0.731	0.718	0.705
	38	0.883	0.877	0.871	0.865	0.858	0.850	0.843	0.835	0.826	0.818	0.808	0.799	0.789	0.778	0.768	0.756	0.744	0.732	0.720	0.707
	37	0.884	0.878	0.872	0.865	0.858	0.851	0.844	0.836	0.827	0.819	0.810	0.800	0.790	0.780	0.769	0.758	0.746	0.734	0.721	0.708
	36	0.885	0.879	0.873	0.866	0.859	0.852	0.845	0.837	0.829	0.820	0.811	0.801	0.791	0.781	0.770	0.759	0.748	0.736	0.723	0.710
	35	0.886	0.880	0.874	0.867	0.860	0.853	0.846	0.838	0.830	0.821	0.812	0.803	0.793	0.783	0.772	0.761	0.749	0.737	0.725	0.712
	34	0.887	0.881	0.875	0.868	0.861	0.854	0.847	0.839	0.831	0.822	0.813	0.804	0.794	0.784	0.774	0.763	0.751	0.739	0.727	0.714
	33	0.887	0.882	0.875	0.869	0.862	0.855	0.848	0.840	0.832	0.824	0.815	0.806	0.796	0.786	0.775	0.764	0.753	0.741	0.729	0.716
	32	0.888	0.883	0.876	0.870	0.864	0.857	0.849	0.842	0.834	0.825	0.816	0.807	0.797	0.787	0.777	0.766	0.755	0.743	0.731	0.718
	31	0.889	0.884	0.878	0.871	0.865	0.858	0.851	0.843	0.835	0.827	0.818	0.809	0.799	0.789	0.779	0.768	0.757	0.745	0.733	0.721
	30	0.890	0.885	0.879	0.872	0.866	0.859	0.852	0.844	0.836	0.828	0.819	0.810	0.801	0.791	0.781	0.770	0.759	0.747	0.735	0.723
	29	0.891	0.886	0.880	0.874	0.867	0.860	0.853	0.846	0.838	0.830	0.821	0.812	0.803	0.793	0.783	0.772	0.761	0.750	0.738	0.726
	28	0.892	0.887	0.881	0.875	0.869	0.862	0.855	0.847	0.840	0.832	0.823	0.814	0.805	0.795	0.785	0.775	0.764	0.752	0.740	0.728
	27	0.893	0.888	0.882	0.876	0.870	0.863	0.856	0.849	0.841	0.833	0.825	0.816	0.807	0.797	0.787	0.777	0.766	0.755	0.743	0.731
	26	0.895	0.889	0.884	0.878	0.871	0.865	0.858	0.851	0.843	0.835	0.827	0.818	0.809	0.800	0.790	0.779	0.769	0.757	0.746	0.734
Beneficiary	25	0.896	0.891	0.885	0.879	0.873	0.866	0.860	0.852	0.845	0.837	0.829	0.820	0.811	0.802	0.792	0.782	0.771	0.760	0.749	0.737
younger	24	0.897	0.892	0.886	0.881	0.874	0.868	0.861	0.854	0.847	0.839	0.831	0.822	0.814	0.804	0.795	0.785	0.774	0.763	0.752	0.740
than	23	0.899	0.893	0.888	0.882	0.876	0.870	0.863	0.856	0.849	0.841	0.833	0.825	0.816	0.807	0.797	0.787	0.777	0.766	0.755	0.744
Retiree	22	0.900	0.895	0.889	0.884	0.878	0.872	0.865	0.858	0.851	0.843	0.836	0.827	0.819	0.810	0.800	0.790	0.780	0.769	0.758	0.747
	21	0.901	0.896	0.891	0.886	0.880	0.874	0.867	0.860	0.853	0.846	0.838	0.830	0.821	0.812	0.803	0.793	0.783	0.773	0.762	0.751

Mortality Table: Blended Healthy Mortality, Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 8a: 100% Joint and Survivor Annuity with Pop-up Feature - Option 2A - Healthy Members

(Factor Multiplied by Option 1 Non-Refund Life Annuity)

	Beneficiary Age Difference	Attained Age at Retirement																			
		45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
	20	0.903	0.898	0.893	0.887	0.882	0.876	0.869	0.862	0.856	0.848	0.841	0.832	0.824	0.815	0.806	0.797	0.787	0.776	0.766	0.755
	19	0.905	0.900	0.895	0.889	0.883	0.878	0.871	0.865	0.858	0.851	0.843	0.835	0.827	0.818	0.809	0.800	0.790	0.780	0.769	0.759
	18	0.906	0.901	0.896	0.891	0.885	0.880	0.874	0.867	0.860	0.853	0.846	0.838	0.830	0.821	0.813	0.803	0.794	0.784	0.773	0.763
	17	0.908	0.903	0.898	0.893	0.888	0.882	0.876	0.870	0.863	0.856	0.849	0.841	0.833	0.825	0.816	0.807	0.798	0.788	0.778	0.767
	16	0.910	0.905	0.900	0.895	0.890	0.884	0.878	0.872	0.866	0.859	0.852	0.844	0.836	0.828	0.820	0.811	0.801	0.792	0.782	0.771
	15	0.911	0.907	0.902	0.897	0.892	0.886	0.881	0.875	0.868	0.862	0.855	0.847	0.840	0.832	0.823	0.815	0.805	0.796	0.786	0.776
	14	0.913	0.909	0.904	0.899	0.894	0.889	0.883	0.877	0.871	0.865	0.858	0.851	0.843	0.835	0.827	0.819	0.810	0.800	0.791	0.781
	13	0.915	0.911	0.906	0.902	0.897	0.891	0.886	0.880	0.874	0.868	0.861	0.854	0.847	0.839	0.831	0.823	0.814	0.805	0.795	0.786
	12	0.917	0.913	0.909	0.904	0.899	0.894	0.889	0.883	0.877	0.871	0.864	0.857	0.850	0.843	0.835	0.827	0.818	0.809	0.800	0.791
	11	0.919	0.915	0.911	0.906	0.902	0.897	0.891	0.886	0.880	0.874	0.868	0.861	0.854	0.847	0.839	0.831	0.823	0.814	0.805	0.796
	10	0.921	0.917	0.913	0.909	0.904	0.899	0.894	0.889	0.883	0.877	0.871	0.865	0.858	0.851	0.843	0.836	0.828	0.819	0.810	0.801
	9	0.923	0.919	0.915	0.911	0.907	0.902	0.897	0.892	0.886	0.881	0.875	0.868	0.862	0.855	0.848	0.840	0.832	0.824	0.816	0.807
	8	0.925	0.922	0.918	0.914	0.909	0.905	0.900	0.895	0.890	0.884	0.878	0.872	0.866	0.859	0.852	0.845	0.837	0.829	0.821	0.813
	7	0.928	0.924	0.920	0.916	0.912	0.907	0.903	0.898	0.893	0.887	0.882	0.876	0.870	0.863	0.856	0.849	0.842	0.834	0.826	0.818
	6	0.930	0.926	0.923	0.919	0.915	0.910	0.906	0.901	0.896	0.891	0.885	0.880	0.874	0.867	0.861	0.854	0.847	0.840	0.832	0.824
Beneficiary	5	0.932	0.929	0.925	0.921	0.917	0.913	0.909	0.904	0.899	0.894	0.889	0.884	0.878	0.872	0.866	0.859	0.852	0.845	0.837	0.830
younger	4	0.934	0.931	0.927	0.924	0.920	0.916	0.912	0.907	0.903	0.898	0.893	0.888	0.882	0.876	0.870	0.864	0.857	0.850	0.843	0.836
than	3	0.936	0.933	0.930	0.926	0.923	0.919	0.915	0.911	0.906	0.902	0.897	0.892	0.886	0.881	0.875	0.869	0.862	0.855	0.849	0.841
Retiree	2	0.938	0.935	0.932	0.929	0.925	0.922	0.918	0.914	0.910	0.905	0.900	0.895	0.890	0.885	0.879	0.873	0.867	0.861	0.854	0.847
	1	0.941	0.938	0.935	0.932	0.928	0.925	0.921	0.917	0.913	0.909	0.904	0.899	0.894	0.889	0.884	0.878	0.872	0.866	0.860	0.853
Beneficiary same age as Retiree	**0**	**0.943**	**0.940**	**0.937**	**0.934**	**0.931**	**0.928**	**0.924**	**0.920**	**0.916**	**0.912**	**0.908**	**0.903**	**0.899**	**0.894**	**0.888**	**0.883**	**0.877**	**0.871**	**0.865**	**0.859**
Beneficiary	-1	0.945	0.942	0.940	0.937	0.934	0.930	0.927	0.923	0.920	0.916	0.912	0.907	0.903	0.898	0.893	0.888	0.882	0.877	0.871	0.865
older	-2	0.947	0.945	0.942	0.939	0.936	0.933	0.930	0.926	0.923	0.919	0.915	0.911	0.907	0.902	0.897	0.893	0.887	0.882	0.876	0.871
than	-3	0.949	0.947	0.944	0.942	0.939	0.936	0.933	0.929	0.926	0.923	0.919	0.915	0.911	0.906	0.902	0.897	0.892	0.887	0.882	0.876
Retiree	-4	0.951	0.949	0.946	0.944	0.941	0.939	0.936	0.932	0.929	0.926	0.922	0.918	0.915	0.910	0.906	0.902	0.897	0.892	0.887	0.882
	-5	0.953	0.951	0.949	0.946	0.944	0.941	0.938	0.935	0.932	0.929	0.926	0.922	0.918	0.914	0.910	0.906	0.902	0.897	0.892	0.887
	-6	0.955	0.953	0.951	0.949	0.946	0.944	0.941	0.938	0.935	0.932	0.929	0.926	0.922	0.918	0.915	0.911	0.906	0.902	0.897	0.893
	-7	0.957	0.955	0.953	0.951	0.949	0.946	0.944	0.941	0.938	0.935	0.932	0.929	0.926	0.922	0.919	0.915	0.911	0.907	0.902	0.898
	-8	0.959	0.957	0.955	0.953	0.951	0.949	0.946	0.944	0.941	0.938	0.936	0.932	0.929	0.926	0.923	0.919	0.915	0.911	0.907	0.903
	-9	0.961	0.959	0.957	0.955	0.953	0.951	0.949	0.946	0.944	0.941	0.939	0.936	0.933	0.930	0.926	0.923	0.919	0.916	0.912	0.908
	-10	0.962	0.961	0.959	0.957	0.955	0.953	0.951	0.949	0.947	0.944	0.942	0.939	0.936	0.933	0.930	0.927	0.924	0.920	0.917	0.913
	-11	0.964	0.963	0.961	0.959	0.957	0.956	0.954	0.951	0.949	0.947	0.945	0.942	0.939	0.937	0.934	0.931	0.928	0.924	0.921	0.918
	-12	0.966	0.964	0.963	0.961	0.959	0.958	0.956	0.954	0.952	0.950	0.947	0.945	0.943	0.940	0.937	0.934	0.932	0.928	0.925	0.922
	-13	0.967	0.966	0.965	0.963	0.961	0.960	0.958	0.956	0.954	0.952	0.950	0.948	0.946	0.943	0.941	0.938	0.935	0.932	0.929	0.926
	-14	0.969	0.968	0.966	0.965	0.963	0.962	0.960	0.958	0.957	0.955	0.953	0.951	0.949	0.946	0.944	0.942	0.939	0.936	0.933	0.931
	-15	0.970	0.969	0.968	0.967	0.965	0.964	0.962	0.961	0.959	0.957	0.955	0.953	0.951	0.949	0.947	0.945	0.942	0.940	0.937	0.935

Mortality Table: Blended Healthy Mortality, Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 8a: 100% Joint and Survivor Annuity with Pop-up Feature - Option 2A - Healthy Members

(Factor Multiplied by Option 1 Non-Refund Life Annuity)

	Beneficiary Age Difference	Attained Age at Retirement																			
		45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
Beneficiary	-16	0.972	0.971	0.969	0.968	0.967	0.966	0.964	0.963	0.961	0.960	0.958	0.956	0.954	0.952	0.950	0.948	0.946	0.943	0.941	0.939
older	-17	0.973	0.972	0.971	0.970	0.969	0.967	0.966	0.965	0.963	0.962	0.960	0.958	0.957	0.955	0.953	0.951	0.949	0.947	0.945	0.942
than	-18	0.975	0.974	0.973	0.971	0.970	0.969	0.968	0.967	0.965	0.964	0.962	0.961	0.959	0.958	0.956	0.954	0.952	0.950	0.948	0.946
Retiree	-19	0.976	0.975	0.974	0.973	0.972	0.971	0.970	0.969	0.967	0.966	0.965	0.963	0.962	0.960	0.959	0.957	0.955	0.953	0.951	0.949
	-20	0.977	0.976	0.975	0.974	0.973	0.972	0.971	0.970	0.969	0.968	0.967	0.965	0.964	0.963	0.961	0.960	0.958	0.956	0.954	0.953
	-21	0.978	0.977	0.977	0.976	0.975	0.974	0.973	0.972	0.971	0.970	0.969	0.967	0.966	0.965	0.964	0.962	0.961	0.959	0.957	0.956
	-22	0.979	0.979	0.978	0.977	0.976	0.975	0.975	0.974	0.973	0.972	0.971	0.969	0.968	0.967	0.966	0.965	0.963	0.962	0.960	0.958
	-23	0.980	0.980	0.979	0.978	0.978	0.977	0.976	0.975	0.974	0.973	0.972	0.971	0.970	0.969	0.968	0.967	0.966	0.964	0.963	0.961
	-24	0.982	0.981	0.980	0.980	0.979	0.978	0.978	0.977	0.976	0.975	0.974	0.973	0.972	0.971	0.970	0.969	0.968	0.966	0.965	0.964
	-25	0.983	0.982	0.981	0.981	0.980	0.980	0.979	0.978	0.977	0.977	0.976	0.975	0.974	0.973	0.972	0.971	0.970	0.969	0.967	0.966
	-26	0.983	0.983	0.982	0.982	0.981	0.981	0.980	0.980	0.979	0.978	0.977	0.977	0.976	0.975	0.974	0.973	0.972	0.971	0.970	0.968
	-27	0.984	0.984	0.983	0.983	0.982	0.982	0.981	0.981	0.980	0.980	0.979	0.978	0.977	0.977	0.976	0.975	0.974	0.973	0.971	0.970
	-28	0.985	0.985	0.984	0.984	0.984	0.983	0.983	0.982	0.981	0.981	0.980	0.980	0.979	0.978	0.977	0.977	0.976	0.974	0.973	0.972
	-29	0.986	0.986	0.985	0.985	0.985	0.984	0.984	0.983	0.983	0.982	0.982	0.981	0.980	0.980	0.979	0.978	0.977	0.976	0.975	0.974
	-30	0.987	0.987	0.986	0.986	0.986	0.985	0.985	0.984	0.984	0.983	0.983	0.982	0.982	0.981	0.980	0.980	0.979	0.978	0.976	0.975
	-31	0.988	0.987	0.987	0.987	0.986	0.986	0.986	0.985	0.985	0.985	0.984	0.983	0.983	0.982	0.982	0.981	0.980	0.979	0.978	0.977
	-32	0.988	0.988	0.988	0.988	0.987	0.987	0.987	0.986	0.986	0.986	0.985	0.985	0.984	0.983	0.983	0.982	0.981	0.980	0.979	0.978
	-33	0.989	0.989	0.989	0.988	0.988	0.988	0.988	0.987	0.987	0.987	0.986	0.986	0.985	0.985	0.984	0.983	0.982	0.981	0.980	0.979
	-34	0.990	0.990	0.989	0.989	0.989	0.989	0.988	0.988	0.988	0.987	0.987	0.987	0.986	0.986	0.985	0.984	0.983	0.982	0.981	0.980
	-35	0.990	0.990	0.990	0.990	0.990	0.989	0.989	0.989	0.989	0.988	0.988	0.987	0.987	0.986	0.986	0.985	0.984	0.983	0.982	0.981
	-36	0.991	0.991	0.991	0.991	0.990	0.990	0.990	0.990	0.989	0.989	0.989	0.988	0.988	0.987	0.987	0.986	0.985	0.984	0.983	0.982
	-37	0.992	0.991	0.991	0.991	0.991	0.991	0.991	0.990	0.990	0.990	0.989	0.989	0.988	0.988	0.987	0.987	0.986	0.985	0.984	0.982
	-38	0.992	0.992	0.992	0.992	0.992	0.991	0.991	0.991	0.991	0.990	0.990	0.990	0.989	0.989	0.988	0.987	0.986	0.985	0.984	0.983
	-39	0.993	0.993	0.992	0.992	0.992	0.992	0.992	0.992	0.991	0.991	0.991	0.990	0.990	0.989	0.989	0.988	0.987	0.986	0.985	0.984
	-40	0.993	0.993	0.993	0.993	0.993	0.993	0.992	0.992	0.992	0.992	0.991	0.991	0.990	0.990	0.989	0.988	0.988	0.987	0.986	0.984
	-41	0.994	0.993	0.993	0.993	0.993	0.993	0.993	0.993	0.992	0.992	0.992	0.991	0.991	0.990	0.990	0.989	0.988	0.987	0.986	0.985
	-42	0.994	0.994	0.994	0.994	0.994	0.993	0.993	0.993	0.993	0.992	0.992	0.992	0.991	0.991	0.990	0.989	0.989	0.988	0.986	0.985
	-43	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.993	0.993	0.993	0.992	0.992	0.992	0.991	0.990	0.990	0.989	0.988	0.987	0.985
	-44	0.995	0.995	0.995	0.994	0.994	0.994	0.994	0.994	0.993	0.993	0.993	0.992	0.992	0.991	0.991	0.990	0.989	0.988	0.987	0.986
	-45	0.995	0.995	0.995	0.995	0.995	0.995	0.994	0.994	0.994	0.993	0.993	0.993	0.992	0.992	0.991	0.990	0.990	0.988	0.987	0.986
	-46	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.994	0.994	0.994	0.993	0.993	0.993	0.992	0.991	0.991	0.990	0.989	0.988	0.986
	-47	0.996	0.996	0.995	0.995	0.995	0.995	0.995	0.995	0.994	0.994	0.994	0.993	0.993	0.992	0.992	0.991	0.990	0.989	0.988	
	-48	0.996	0.996	0.996	0.996	0.995	0.995	0.995	0.995	0.995	0.994	0.994	0.993	0.993	0.992	0.992	0.991	0.990	0.989		
	-49	0.996	0.996	0.996	0.996	0.996	0.996	0.995	0.995	0.995	0.995	0.994	0.994	0.993	0.993	0.992	0.991	0.990			
	-50	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.995	0.995	0.995	0.994	0.994	0.993	0.993	0.992	0.991				
Beneficiary	-51	0.997	0.996	0.996	0.996	0.996	0.996	0.996	0.995	0.995	0.995	0.994	0.994	0.993	0.993	0.992					
older	-52	0.997	0.997	0.996	0.996	0.996	0.996	0.996	0.996	0.995	0.995	0.995	0.994	0.994	0.993						
than	-53	0.997	0.997	0.997	0.997	0.996	0.996	0.996	0.996	0.995	0.995	0.995	0.994	0.994							
Retiree	-54	0.997	0.997	0.997	0.997	0.997	0.996	0.996	0.996	0.995	0.995	0.995	0.994								
	-55	0.997	0.997	0.997	0.997	0.997	0.996	0.996	0.996	0.996	0.995	0.995									

Mortality Table: Blended Healthy Mortality, Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 8a: 100% Joint and Survivor Annuity with Pop-up Feature - Option 2A - Healthy Members

(Factor Multiplied by Option 1 Non-Refund Life Annuity)

	Beneficiary Age Difference	Attained Age at Retirement																			
		45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
Beneficiary	-56	0.997	0.997	0.997	0.997	0.997	0.997	0.996	0.996	0.996	0.995										
older	-57	0.997	0.997	0.997	0.997	0.997	0.997	0.996	0.996	0.996											
than	-58	0.997	0.997	0.997	0.997	0.997	0.997	0.996	0.996												
Retiree	-59	0.998	0.997	0.997	0.997	0.997	0.997	0.996													
	-60	0.998	0.997	0.997	0.997	0.997	0.997														
Beneficiary	-61	0.998	0.998	0.997	0.997	0.997															
older	-62	0.998	0.998	0.997	0.997																
than	-63	0.998	0.998	0.997																	
Retiree	-64	0.998	0.998																		
	-65	0.998																			

Mortality Table: Blended Healthy Mortality, Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 8a: 100% Joint and Survivor Annuity with Pop-up Feature - Option 2A - Healthy Members

(Factor Multiplied by Option 1 Non-Refund Life Annuity)

	Beneficiary Age Difference	Attained Age at Retirement																			
		65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84
Beneficiary younger than Retiree	100																				
	99																				
	98																				
	97																				
	96																				
	95																				
	94																				
	93																				
	92																				
	91																				
	90																				
	89																				
	88																				
	87																				
	86																				
	85																				
	84																				
	83																				0.340
	82																			0.358	0.340
	81																		0.376	0.358	0.341
	80																	0.395	0.377	0.359	0.341
	79																0.413	0.395	0.377	0.359	0.341
	78															0.431	0.413	0.395	0.377	0.359	0.342
	77														0.450	0.432	0.414	0.395	0.377	0.360	0.342
	76													0.468	0.450	0.432	0.414	0.396	0.378	0.360	0.342
	75												0.486	0.468	0.450	0.432	0.414	0.396	0.378	0.360	0.343
	74											0.504	0.486	0.468	0.451	0.433	0.415	0.396	0.378	0.361	0.343
	73										0.522	0.504	0.487	0.469	0.451	0.433	0.415	0.397	0.379	0.361	0.343
	72									0.539	0.522	0.504	0.487	0.469	0.451	0.433	0.415	0.397	0.379	0.361	0.344
	71								0.556	0.539	0.522	0.505	0.487	0.470	0.452	0.434	0.416	0.398	0.380	0.362	0.344
	70							0.574	0.557	0.540	0.523	0.505	0.488	0.470	0.452	0.434	0.416	0.398	0.380	0.362	0.345
	69						0.590	0.574	0.557	0.540	0.523	0.506	0.488	0.470	0.453	0.435	0.417	0.399	0.381	0.363	0.345
	68					0.607	0.591	0.574	0.558	0.541	0.524	0.506	0.489	0.471	0.453	0.435	0.417	0.399	0.381	0.363	0.346
	67				0.623	0.607	0.591	0.575	0.558	0.541	0.524	0.507	0.489	0.471	0.454	0.436	0.418	0.400	0.382	0.364	0.346
	66			0.638	0.623	0.608	0.592	0.575	0.559	0.542	0.524	0.507	0.490	0.472	0.454	0.436	0.418	0.400	0.382	0.364	0.347
Beneficiary younger than Retiree	65		0.654	0.639	0.624	0.608	0.592	0.576	0.559	0.542	0.525	0.508	0.490	0.472	0.455	0.437	0.419	0.401	0.383	0.365	0.347
	64	0.669	0.654	0.639	0.624	0.608	0.592	0.576	0.560	0.543	0.526	0.508	0.491	0.473	0.455	0.437	0.419	0.401	0.383	0.366	0.348
	63	0.669	0.655	0.640	0.625	0.609	0.593	0.577	0.560	0.543	0.526	0.509	0.491	0.474	0.456	0.438	0.420	0.402	0.384	0.366	0.349
	62	0.670	0.655	0.640	0.625	0.610	0.594	0.577	0.561	0.544	0.527	0.509	0.492	0.474	0.457	0.439	0.421	0.403	0.385	0.367	0.349
	61	0.670	0.656	0.641	0.626	0.610	0.594	0.578	0.561	0.545	0.527	0.510	0.493	0.475	0.457	0.439	0.422	0.404	0.386	0.368	0.350

Mortality Table: Blended Healthy Mortality, Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 8a: 100% Joint and Survivor Annuity with Pop-up Feature - Option 2A - Healthy Members

(Factor Multiplied by Option 1 Non-Refund Life Annuity)

	Beneficiary Age Difference	Attained Age at Retirement																			
		65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84
Beneficiary	60	0.671	0.656	0.641	0.626	0.611	0.595	0.579	0.562	0.545	0.528	0.511	0.493	0.476	0.458	0.440	0.422	0.404	0.386	0.369	0.351
younger	59	0.671	0.657	0.642	0.627	0.611	0.595	0.579	0.563	0.546	0.529	0.512	0.494	0.477	0.459	0.441	0.423	0.405	0.387	0.369	0.352
than	58	0.672	0.657	0.643	0.628	0.612	0.596	0.580	0.563	0.547	0.530	0.512	0.495	0.477	0.460	0.442	0.424	0.406	0.388	0.370	0.353
Retiree	57	0.672	0.658	0.643	0.628	0.613	0.597	0.581	0.564	0.547	0.530	0.513	0.496	0.478	0.461	0.443	0.425	0.407	0.389	0.371	0.354
	56	0.673	0.659	0.644	0.629	0.613	0.598	0.581	0.565	0.548	0.531	0.514	0.497	0.479	0.462	0.444	0.426	0.408	0.390	0.372	0.355
	55	0.674	0.659	0.645	0.630	0.614	0.598	0.582	0.566	0.549	0.532	0.515	0.498	0.480	0.463	0.445	0.427	0.409	0.391	0.373	0.356
	54	0.675	0.660	0.646	0.630	0.615	0.599	0.583	0.567	0.550	0.533	0.516	0.499	0.481	0.464	0.446	0.428	0.410	0.392	0.375	0.357
	53	0.675	0.661	0.646	0.631	0.616	0.600	0.584	0.568	0.551	0.534	0.517	0.500	0.482	0.465	0.447	0.429	0.411	0.393	0.376	0.358
	52	0.676	0.662	0.647	0.632	0.617	0.601	0.585	0.569	0.552	0.535	0.518	0.501	0.483	0.466	0.448	0.430	0.413	0.395	0.377	0.359
	51	0.677	0.663	0.648	0.633	0.618	0.602	0.586	0.570	0.553	0.536	0.519	0.502	0.485	0.467	0.449	0.432	0.414	0.396	0.378	0.361
	50	0.678	0.664	0.649	0.634	0.619	0.603	0.587	0.571	0.554	0.538	0.521	0.503	0.486	0.468	0.451	0.433	0.415	0.397	0.380	0.362
	49	0.679	0.665	0.650	0.635	0.620	0.604	0.588	0.572	0.556	0.539	0.522	0.505	0.487	0.470	0.452	0.434	0.417	0.399	0.381	0.364
	48	0.680	0.666	0.651	0.636	0.621	0.606	0.590	0.573	0.557	0.540	0.523	0.506	0.489	0.471	0.454	0.436	0.418	0.400	0.383	0.365
	47	0.681	0.667	0.652	0.638	0.622	0.607	0.591	0.575	0.558	0.542	0.525	0.508	0.490	0.473	0.455	0.438	0.420	0.402	0.384	0.367
	46	0.682	0.668	0.654	0.639	0.624	0.608	0.592	0.576	0.560	0.543	0.526	0.509	0.492	0.474	0.457	0.439	0.422	0.404	0.386	0.369
	45	0.683	0.669	0.655	0.640	0.625	0.610	0.594	0.578	0.561	0.545	0.528	0.511	0.494	0.476	0.459	0.441	0.423	0.406	0.388	0.371
	44	0.684	0.670	0.656	0.641	0.626	0.611	0.595	0.579	0.563	0.546	0.530	0.512	0.495	0.478	0.460	0.443	0.425	0.408	0.390	0.373
	43	0.686	0.672	0.658	0.643	0.628	0.613	0.597	0.581	0.565	0.548	0.531	0.514	0.497	0.480	0.462	0.445	0.427	0.410	0.392	0.375
	42	0.687	0.673	0.659	0.644	0.630	0.614	0.599	0.583	0.566	0.550	0.533	0.516	0.499	0.482	0.464	0.447	0.429	0.412	0.394	0.377
	41	0.689	0.675	0.661	0.646	0.631	0.616	0.600	0.584	0.568	0.552	0.535	0.518	0.501	0.484	0.467	0.449	0.432	0.414	0.397	0.379
	40	0.690	0.676	0.662	0.648	0.633	0.618	0.602	0.586	0.570	0.554	0.537	0.520	0.503	0.486	0.469	0.452	0.434	0.416	0.399	0.382
	39	0.692	0.678	0.664	0.650	0.635	0.620	0.604	0.588	0.572	0.556	0.539	0.523	0.506	0.489	0.471	0.454	0.437	0.419	0.402	0.384
	38	0.693	0.680	0.666	0.651	0.637	0.622	0.606	0.591	0.575	0.558	0.542	0.525	0.508	0.491	0.474	0.457	0.439	0.422	0.404	0.387
	37	0.695	0.682	0.668	0.653	0.639	0.624	0.608	0.593	0.577	0.561	0.544	0.528	0.511	0.494	0.477	0.459	0.442	0.425	0.407	0.390
	36	0.697	0.684	0.670	0.656	0.641	0.626	0.611	0.595	0.579	0.563	0.547	0.530	0.514	0.497	0.480	0.462	0.445	0.428	0.410	0.393
	35	0.699	0.686	0.672	0.658	0.643	0.628	0.613	0.598	0.582	0.566	0.550	0.533	0.516	0.500	0.483	0.465	0.448	0.431	0.414	0.397
	34	0.701	0.688	0.674	0.660	0.646	0.631	0.616	0.600	0.585	0.569	0.553	0.536	0.519	0.503	0.486	0.469	0.452	0.434	0.417	0.400
	33	0.703	0.690	0.676	0.662	0.648	0.633	0.618	0.603	0.588	0.572	0.556	0.539	0.523	0.506	0.489	0.472	0.455	0.438	0.421	0.404
	32	0.705	0.692	0.679	0.665	0.651	0.636	0.621	0.606	0.591	0.575	0.559	0.543	0.526	0.509	0.493	0.476	0.459	0.442	0.425	0.408
	31	0.708	0.695	0.681	0.668	0.654	0.639	0.624	0.609	0.594	0.578	0.562	0.546	0.530	0.513	0.497	0.480	0.463	0.446	0.429	0.412
	30	0.710	0.697	0.684	0.671	0.657	0.642	0.627	0.612	0.597	0.582	0.566	0.550	0.533	0.517	0.501	0.484	0.467	0.450	0.433	0.416
	29	0.713	0.700	0.687	0.673	0.660	0.645	0.631	0.616	0.601	0.585	0.570	0.554	0.537	0.521	0.505	0.488	0.471	0.455	0.438	0.421
	28	0.716	0.703	0.690	0.677	0.663	0.649	0.634	0.619	0.604	0.589	0.573	0.558	0.542	0.526	0.509	0.493	0.476	0.459	0.443	0.426
	27	0.719	0.706	0.693	0.680	0.666	0.652	0.638	0.623	0.608	0.593	0.578	0.562	0.546	0.530	0.514	0.497	0.481	0.464	0.448	0.431
	26	0.722	0.709	0.696	0.683	0.670	0.656	0.642	0.627	0.612	0.597	0.582	0.567	0.551	0.535	0.519	0.503	0.486	0.470	0.453	0.437
Beneficiary	25	0.725	0.713	0.700	0.687	0.674	0.660	0.646	0.631	0.617	0.602	0.587	0.571	0.556	0.540	0.524	0.508	0.492	0.475	0.459	0.443
younger	24	0.728	0.716	0.704	0.691	0.678	0.664	0.650	0.636	0.621	0.607	0.592	0.576	0.561	0.545	0.530	0.514	0.497	0.481	0.465	0.449
than	23	0.732	0.720	0.707	0.695	0.682	0.668	0.654	0.640	0.626	0.612	0.597	0.582	0.566	0.551	0.535	0.519	0.504	0.487	0.471	0.455
Retiree	22	0.735	0.724	0.711	0.699	0.686	0.673	0.659	0.645	0.631	0.617	0.602	0.587	0.572	0.557	0.541	0.526	0.510	0.494	0.478	0.462
	21	0.739	0.728	0.715	0.703	0.690	0.677	0.664	0.650	0.636	0.622	0.608	0.593	0.578	0.563	0.548	0.532	0.517	0.501	0.485	0.469

Mortality Table: Blended Healthy Mortality, Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 8a: 100% Joint and Survivor Annuity with Pop-up Feature - Option 2A - Healthy Members

(Factor Multiplied by Option 1 Non-Refund Life Annuity)

	Beneficiary Age Difference	Attained Age at Retirement																			
		65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84
	20	0.743	0.732	0.720	0.708	0.695	0.682	0.669	0.656	0.642	0.628	0.614	0.599	0.584	0.569	0.554	0.539	0.524	0.508	0.492	0.477
	19	0.747	0.736	0.724	0.712	0.700	0.687	0.674	0.661	0.648	0.634	0.620	0.605	0.591	0.576	0.561	0.546	0.531	0.516	0.500	0.485
	18	0.752	0.741	0.729	0.717	0.705	0.693	0.680	0.667	0.654	0.640	0.626	0.612	0.598	0.583	0.569	0.554	0.539	0.524	0.508	0.493
	17	0.756	0.745	0.734	0.722	0.711	0.698	0.686	0.673	0.660	0.646	0.633	0.619	0.605	0.591	0.576	0.562	0.547	0.532	0.517	0.502
	16	0.761	0.750	0.739	0.728	0.716	0.704	0.692	0.679	0.666	0.653	0.640	0.626	0.612	0.598	0.584	0.570	0.555	0.540	0.526	0.511
	15	0.766	0.755	0.744	0.733	0.722	0.710	0.698	0.686	0.673	0.660	0.647	0.634	0.620	0.606	0.592	0.578	0.564	0.549	0.535	0.520
	14	0.771	0.760	0.750	0.739	0.728	0.716	0.704	0.692	0.680	0.667	0.654	0.641	0.628	0.615	0.601	0.587	0.573	0.559	0.545	0.530
	13	0.776	0.766	0.755	0.745	0.734	0.723	0.711	0.699	0.687	0.675	0.662	0.649	0.636	0.623	0.610	0.596	0.583	0.569	0.555	0.541
	12	0.781	0.771	0.761	0.751	0.740	0.729	0.718	0.706	0.695	0.683	0.670	0.658	0.645	0.632	0.619	0.606	0.592	0.579	0.565	0.551
	11	0.787	0.777	0.767	0.757	0.747	0.736	0.725	0.714	0.702	0.690	0.679	0.666	0.654	0.641	0.629	0.616	0.603	0.589	0.576	0.563
	10	0.792	0.783	0.773	0.763	0.753	0.743	0.732	0.721	0.710	0.699	0.687	0.675	0.663	0.651	0.639	0.626	0.613	0.600	0.587	0.574
	9	0.798	0.789	0.780	0.770	0.760	0.750	0.740	0.729	0.718	0.707	0.696	0.684	0.673	0.661	0.649	0.636	0.624	0.611	0.599	0.586
	8	0.804	0.795	0.786	0.777	0.767	0.757	0.747	0.737	0.726	0.716	0.705	0.694	0.682	0.671	0.659	0.647	0.635	0.623	0.611	0.599
	7	0.810	0.801	0.792	0.784	0.774	0.765	0.755	0.745	0.735	0.724	0.714	0.703	0.692	0.681	0.670	0.658	0.647	0.635	0.623	0.611
	6	0.816	0.808	0.799	0.790	0.782	0.772	0.763	0.753	0.743	0.733	0.723	0.713	0.702	0.692	0.681	0.670	0.658	0.647	0.636	0.624
Beneficiary	5	0.822	0.814	0.806	0.797	0.789	0.780	0.771	0.762	0.752	0.742	0.733	0.723	0.713	0.702	0.692	0.681	0.670	0.660	0.649	0.638
younger	4	0.828	0.820	0.813	0.804	0.796	0.788	0.779	0.770	0.761	0.752	0.742	0.733	0.723	0.713	0.703	0.693	0.683	0.672	0.662	0.651
than	3	0.834	0.827	0.819	0.812	0.804	0.795	0.787	0.779	0.770	0.761	0.752	0.743	0.733	0.724	0.714	0.705	0.695	0.685	0.675	0.665
Retiree	2	0.840	0.833	0.826	0.819	0.811	0.803	0.795	0.787	0.779	0.770	0.762	0.753	0.744	0.735	0.726	0.717	0.707	0.698	0.688	0.679
	1	0.847	0.840	0.833	0.826	0.819	0.811	0.803	0.796	0.788	0.780	0.771	0.763	0.755	0.746	0.738	0.729	0.720	0.711	0.702	0.693
Beneficiary same age as Retiree	**0**	**0.853**	**0.846**	**0.840**	**0.833**	**0.826**	**0.819**	**0.812**	**0.804**	**0.797**	**0.789**	**0.781**	**0.773**	**0.765**	**0.757**	**0.749**	**0.741**	**0.732**	**0.724**	**0.715**	**0.706**
Beneficiary	-1	0.859	0.853	0.846	0.840	0.833	0.827	0.820	0.813	0.805	0.798	0.791	0.783	0.776	0.768	0.761	0.753	0.745	0.737	0.728	0.720
older	-2	0.865	0.859	0.853	0.847	0.841	0.834	0.828	0.821	0.814	0.807	0.800	0.793	0.786	0.779	0.772	0.765	0.757	0.749	0.741	0.734
than	-3	0.871	0.865	0.860	0.854	0.848	0.842	0.836	0.829	0.823	0.817	0.810	0.803	0.797	0.790	0.783	0.776	0.769	0.762	0.754	0.747
Retiree	-4	0.877	0.871	0.866	0.861	0.855	0.849	0.843	0.838	0.832	0.826	0.819	0.813	0.807	0.801	0.794	0.788	0.781	0.774	0.767	0.760
	-5	0.882	0.877	0.872	0.867	0.862	0.857	0.851	0.846	0.840	0.834	0.829	0.823	0.817	0.811	0.805	0.799	0.792	0.786	0.779	0.772
	-6	0.888	0.883	0.879	0.874	0.869	0.864	0.859	0.853	0.848	0.843	0.838	0.832	0.827	0.821	0.815	0.810	0.804	0.797	0.791	0.784
	-7	0.894	0.889	0.885	0.880	0.876	0.871	0.866	0.861	0.856	0.851	0.846	0.841	0.836	0.831	0.826	0.820	0.814	0.808	0.802	0.795
	-8	0.899	0.895	0.891	0.886	0.882	0.878	0.873	0.869	0.864	0.859	0.855	0.850	0.845	0.840	0.835	0.830	0.824	0.818	0.812	0.805
	-9	0.904	0.900	0.896	0.892	0.888	0.884	0.880	0.876	0.872	0.867	0.863	0.859	0.854	0.850	0.845	0.840	0.834	0.828	0.822	0.815
	-10	0.909	0.906	0.902	0.898	0.895	0.891	0.887	0.883	0.879	0.875	0.871	0.867	0.863	0.858	0.854	0.849	0.843	0.837	0.831	0.824
	-11	0.914	0.911	0.907	0.904	0.901	0.897	0.893	0.890	0.886	0.882	0.879	0.875	0.871	0.866	0.862	0.857	0.852	0.846	0.839	0.832
	-12	0.919	0.916	0.913	0.909	0.906	0.903	0.900	0.896	0.893	0.889	0.886	0.882	0.878	0.874	0.870	0.865	0.859	0.853	0.847	0.840
	-13	0.924	0.921	0.918	0.915	0.912	0.909	0.906	0.902	0.899	0.896	0.893	0.889	0.885	0.881	0.877	0.872	0.867	0.861	0.854	0.846
	-14	0.928	0.925	0.923	0.920	0.917	0.914	0.911	0.908	0.905	0.902	0.899	0.896	0.892	0.888	0.883	0.879	0.873	0.867	0.860	0.853
	-15	0.932	0.930	0.927	0.925	0.922	0.920	0.917	0.914	0.911	0.908	0.905	0.902	0.898	0.894	0.890	0.885	0.879	0.873	0.866	0.859

Mortality Table: Blended Healthy Mortality, Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 8a: 100% Joint and Survivor Annuity with Pop-up Feature - Option 2A - Healthy Members

(Factor Multiplied by Option 1 Non-Refund Life Annuity)

	Beneficiary Age Difference	Attained Age at Retirement																			
		65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84
Beneficiary	-16	0.936	0.934	0.932	0.929	0.927	0.925	0.922	0.919	0.917	0.914	0.911	0.907	0.904	0.900	0.895	0.890	0.884	0.878	0.871	0.864
older	-17	0.940	0.938	0.936	0.934	0.932	0.929	0.927	0.924	0.922	0.919	0.916	0.912	0.909	0.905	0.900	0.895	0.889	0.883	0.876	0.869
than	-18	0.944	0.942	0.940	0.938	0.936	0.934	0.931	0.929	0.926	0.923	0.920	0.917	0.913	0.909	0.905	0.900	0.894	0.888	0.881	0.874
Retiree	-19	0.947	0.946	0.944	0.942	0.940	0.938	0.936	0.933	0.931	0.928	0.925	0.921	0.918	0.913	0.909	0.904	0.898	0.892	0.885	0.878
	-20	0.951	0.949	0.947	0.946	0.944	0.942	0.939	0.937	0.935	0.932	0.929	0.925	0.921	0.917	0.913	0.908	0.902	0.896	0.889	0.882
	-21	0.954	0.952	0.951	0.949	0.947	0.945	0.943	0.941	0.938	0.935	0.932	0.929	0.925	0.921	0.916	0.911	0.906	0.900	0.893	0.885
	-22	0.957	0.955	0.954	0.952	0.950	0.948	0.946	0.944	0.941	0.939	0.935	0.932	0.928	0.924	0.920	0.915	0.909	0.903	0.895	0.887
	-23	0.960	0.958	0.957	0.955	0.953	0.951	0.949	0.947	0.944	0.941	0.938	0.935	0.931	0.927	0.923	0.918	0.912	0.905	0.897	0.889
	-24	0.962	0.961	0.959	0.958	0.956	0.954	0.952	0.950	0.947	0.944	0.941	0.938	0.934	0.930	0.925	0.920	0.914	0.907	0.899	0.891
	-25	0.965	0.963	0.962	0.960	0.959	0.957	0.954	0.952	0.949	0.947	0.943	0.940	0.936	0.932	0.928	0.922	0.916	0.909	0.901	0.893
	-26	0.967	0.965	0.964	0.963	0.961	0.959	0.957	0.954	0.952	0.949	0.946	0.942	0.939	0.934	0.929	0.924	0.917	0.910	0.903	0.894
	-27	0.969	0.968	0.966	0.965	0.963	0.961	0.959	0.956	0.954	0.951	0.948	0.944	0.940	0.936	0.931	0.925	0.919	0.912	0.904	
	-28	0.971	0.969	0.968	0.966	0.965	0.963	0.960	0.958	0.956	0.953	0.950	0.946	0.942	0.937	0.932	0.927	0.920	0.913		
	-29	0.972	0.971	0.970	0.968	0.966	0.964	0.962	0.960	0.957	0.954	0.951	0.948	0.943	0.939	0.934	0.928	0.922			
	-30	0.974	0.973	0.971	0.970	0.968	0.966	0.964	0.961	0.959	0.956	0.953	0.949	0.944	0.940	0.935	0.929				
	-31	0.975	0.974	0.972	0.971	0.969	0.967	0.965	0.963	0.960	0.957	0.954	0.950	0.945	0.941	0.936					
	-32	0.977	0.975	0.974	0.972	0.970	0.969	0.966	0.964	0.961	0.958	0.955	0.951	0.946	0.942						
	-33	0.978	0.976	0.975	0.973	0.972	0.970	0.967	0.965	0.962	0.959	0.955	0.952	0.947							
	-34	0.979	0.977	0.976	0.974	0.973	0.971	0.968	0.966	0.963	0.960	0.956	0.952								
	-35	0.980	0.978	0.977	0.975	0.974	0.971	0.969	0.966	0.964	0.960	0.957									
	-36	0.980	0.979	0.978	0.976	0.974	0.972	0.970	0.967	0.964	0.961										
	-37	0.981	0.980	0.978	0.977	0.975	0.973	0.970	0.968	0.965											
	-38	0.982	0.981	0.979	0.977	0.975	0.973	0.971	0.968												
	-39	0.982	0.981	0.979	0.978	0.976	0.974	0.971													
	-40	0.983	0.981	0.980	0.978	0.976	0.974														
	-41	0.983	0.982	0.980	0.979	0.977															
	-42	0.984	0.982	0.981	0.979																
	-43	0.984	0.983	0.981																	
	-44	0.984	0.983																		
	-45	0.985																			
	-46																				
	-47																				
	-48																				
	-49																				
	-50																				
Beneficiary	-51																				
older	-52																				
than	-53																				
Retiree	-54																				
	-55																				

Mortality Table: Blended Healthy Mortality, Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 8a: 100% Joint and Survivor Annuity with Pop-up Feature - Option 2A - Healthy Members

(Factor Multiplied by Option 1 Non-Refund Life Annuity)

	Beneficiary Age Difference	Attained Age at Retirement																			
		65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84
Beneficiary	-56																				
older	-57																				
than	-58																				
Retiree	-59																				
	-60																				
Beneficiary	-61																				
older	-62																				
than	-63																				
Retiree	-64																				
	-65																				

Mortality Table: Blended Healthy Mortality, Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 8a: 100% Joint and Survivor Annuity with Pop-up Feature - Option 2A - Healthy Members

(Factor Multiplied by Option 1 Non-Refund Life Annuity)

	Beneficiary Age Difference	Attained Age at Retirement															
		85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
Beneficiary	100																
younger	99																0.141
than	98															0.147	0.141
Retiree	97														0.153	0.147	0.141
	96													0.160	0.153	0.147	0.141
	95												0.169	0.161	0.154	0.147	0.142
	94											0.178	0.169	0.161	0.154	0.147	0.142
	93										0.189	0.178	0.169	0.161	0.154	0.147	0.142
	92									0.200	0.189	0.179	0.169	0.161	0.154	0.148	0.142
	91								0.212	0.200	0.189	0.179	0.169	0.161	0.154	0.148	0.142
	90							0.226	0.213	0.200	0.189	0.179	0.169	0.161	0.154	0.148	0.142
	89						0.240	0.226	0.213	0.201	0.189	0.179	0.170	0.161	0.154	0.148	0.142
	88					0.256	0.240	0.226	0.213	0.201	0.189	0.179	0.170	0.161	0.155	0.148	0.143
	87				0.272	0.256	0.241	0.226	0.213	0.201	0.190	0.179	0.170	0.162	0.155	0.148	0.143
	86			0.288	0.272	0.256	0.241	0.226	0.213	0.201	0.190	0.179	0.170	0.162	0.155	0.149	0.143
	85		0.305	0.288	0.272	0.256	0.241	0.227	0.213	0.201	0.190	0.180	0.170	0.162	0.155	0.149	0.143
	84	0.323	0.305	0.289	0.272	0.256	0.241	0.227	0.214	0.201	0.190	0.180	0.170	0.162	0.155	0.149	0.143
	83	0.323	0.306	0.289	0.272	0.256	0.241	0.227	0.214	0.202	0.190	0.180	0.171	0.162	0.156	0.149	0.144
	82	0.323	0.306	0.289	0.273	0.257	0.242	0.227	0.214	0.202	0.191	0.180	0.171	0.163	0.156	0.150	0.144
	81	0.323	0.306	0.289	0.273	0.257	0.242	0.228	0.214	0.202	0.191	0.181	0.171	0.163	0.156	0.150	0.144
	80	0.324	0.306	0.289	0.273	0.257	0.242	0.228	0.215	0.202	0.191	0.181	0.171	0.163	0.156	0.150	0.144
	79	0.324	0.307	0.290	0.273	0.257	0.242	0.228	0.215	0.203	0.191	0.181	0.172	0.163	0.157	0.150	0.145
	78	0.324	0.307	0.290	0.274	0.258	0.243	0.228	0.215	0.203	0.192	0.181	0.172	0.164	0.157	0.151	0.145
	77	0.324	0.307	0.290	0.274	0.258	0.243	0.229	0.215	0.203	0.192	0.182	0.172	0.164	0.157	0.151	0.145
	76	0.325	0.308	0.291	0.274	0.258	0.243	0.229	0.216	0.204	0.192	0.182	0.173	0.164	0.157	0.151	0.146
	75	0.325	0.308	0.291	0.275	0.259	0.244	0.229	0.216	0.204	0.193	0.182	0.173	0.165	0.158	0.152	0.146
	74	0.325	0.308	0.291	0.275	0.259	0.244	0.230	0.217	0.204	0.193	0.183	0.173	0.165	0.158	0.152	0.146
	73	0.326	0.309	0.292	0.275	0.260	0.244	0.230	0.217	0.205	0.193	0.183	0.174	0.166	0.159	0.152	0.147
	72	0.326	0.309	0.292	0.276	0.260	0.245	0.231	0.217	0.205	0.194	0.184	0.174	0.166	0.159	0.153	0.147
	71	0.327	0.310	0.293	0.276	0.260	0.245	0.231	0.218	0.206	0.194	0.184	0.175	0.166	0.159	0.153	0.148
	70	0.327	0.310	0.293	0.277	0.261	0.246	0.231	0.218	0.206	0.195	0.184	0.175	0.167	0.160	0.154	0.148
	69	0.328	0.310	0.294	0.277	0.261	0.246	0.232	0.219	0.206	0.195	0.185	0.175	0.167	0.160	0.154	0.149
	68	0.328	0.311	0.294	0.278	0.262	0.247	0.232	0.219	0.207	0.196	0.185	0.176	0.168	0.161	0.155	0.149
	67	0.329	0.312	0.295	0.278	0.262	0.247	0.233	0.220	0.208	0.196	0.186	0.177	0.168	0.162	0.155	0.150
	66	0.329	0.312	0.295	0.279	0.263	0.248	0.234	0.220	0.208	0.197	0.187	0.177	0.169	0.162	0.156	0.150
Beneficiary	65	0.330	0.313	0.296	0.279	0.264	0.248	0.234	0.221	0.209	0.197	0.187	0.178	0.170	0.163	0.157	0.151
younger	64	0.331	0.313	0.297	0.280	0.264	0.249	0.235	0.222	0.209	0.198	0.188	0.178	0.170	0.163	0.157	0.152
than	63	0.331	0.314	0.297	0.281	0.265	0.250	0.236	0.222	0.210	0.199	0.189	0.179	0.171	0.164	0.158	0.152
Retiree	62	0.332	0.315	0.298	0.282	0.266	0.251	0.236	0.223	0.211	0.200	0.189	0.180	0.172	0.165	0.159	0.153
	61	0.333	0.316	0.299	0.282	0.266	0.251	0.237	0.224	0.212	0.200	0.190	0.181	0.172	0.166	0.160	0.154

Mortality Table: Blended Healthy Mortality, Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 8a: 100% Joint and Survivor Annuity with Pop-up Feature - Option 2A - Healthy Members

(Factor Multiplied by Option 1 Non-Refund Life Annuity)

	Beneficiary Age Difference	Attained Age at Retirement															
		85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
Beneficiary	60	0.334	0.316	0.300	0.283	0.267	0.252	0.238	0.225	0.212	0.201	0.191	0.181	0.173	0.166	0.160	0.155
younger	59	0.334	0.317	0.300	0.284	0.268	0.253	0.239	0.225	0.213	0.202	0.192	0.182	0.174	0.167	0.161	0.156
than	58	0.335	0.318	0.301	0.285	0.269	0.254	0.240	0.226	0.214	0.203	0.193	0.183	0.175	0.168	0.162	0.157
Retiree	57	0.336	0.319	0.302	0.286	0.270	0.255	0.241	0.227	0.215	0.204	0.194	0.184	0.176	0.169	0.163	0.158
	56	0.337	0.320	0.303	0.287	0.271	0.256	0.242	0.228	0.216	0.205	0.195	0.185	0.177	0.170	0.164	0.159
	55	0.338	0.321	0.304	0.288	0.272	0.257	0.243	0.229	0.217	0.206	0.196	0.186	0.178	0.171	0.165	0.160
	54	0.340	0.322	0.306	0.289	0.273	0.258	0.244	0.231	0.218	0.207	0.197	0.187	0.179	0.173	0.167	0.161
	53	0.341	0.324	0.307	0.290	0.274	0.259	0.245	0.232	0.220	0.208	0.198	0.189	0.181	0.174	0.168	0.163
	52	0.342	0.325	0.308	0.292	0.276	0.261	0.246	0.233	0.221	0.210	0.199	0.190	0.182	0.175	0.169	0.164
	51	0.343	0.326	0.309	0.293	0.277	0.262	0.248	0.234	0.222	0.211	0.201	0.191	0.183	0.177	0.171	0.166
	50	0.345	0.328	0.311	0.294	0.279	0.263	0.249	0.236	0.224	0.212	0.202	0.193	0.185	0.178	0.172	0.167
	49	0.346	0.329	0.312	0.296	0.280	0.265	0.251	0.237	0.225	0.214	0.204	0.194	0.186	0.180	0.174	0.169
	48	0.348	0.331	0.314	0.298	0.282	0.266	0.252	0.239	0.227	0.216	0.205	0.196	0.188	0.182	0.176	0.171
	47	0.350	0.333	0.316	0.299	0.283	0.268	0.254	0.241	0.228	0.217	0.207	0.198	0.190	0.183	0.178	0.173
	46	0.351	0.334	0.318	0.301	0.285	0.270	0.256	0.243	0.230	0.219	0.209	0.200	0.192	0.185	0.180	0.175
	45	0.353	0.336	0.319	0.303	0.287	0.272	0.258	0.244	0.232	0.221	0.211	0.202	0.194	0.187	0.182	0.177
	44	0.355	0.338	0.321	0.305	0.289	0.274	0.260	0.247	0.234	0.223	0.213	0.204	0.196	0.190	0.184	0.179
	43	0.357	0.340	0.324	0.307	0.291	0.276	0.262	0.249	0.237	0.225	0.215	0.206	0.198	0.192	0.186	0.182
	42	0.360	0.343	0.326	0.309	0.294	0.278	0.264	0.251	0.239	0.228	0.218	0.209	0.201	0.194	0.189	0.184
	41	0.362	0.345	0.328	0.312	0.296	0.281	0.267	0.254	0.241	0.230	0.220	0.211	0.203	0.197	0.192	0.187
	40	0.365	0.348	0.331	0.315	0.299	0.284	0.269	0.256	0.244	0.233	0.223	0.214	0.206	0.200	0.195	0.190
	39	0.367	0.350	0.334	0.317	0.301	0.286	0.272	0.259	0.247	0.236	0.226	0.217	0.209	0.203	0.198	0.193
	38	0.370	0.353	0.336	0.320	0.304	0.289	0.275	0.262	0.250	0.239	0.229	0.220	0.212	0.206	0.201	0.197
	37	0.373	0.356	0.340	0.323	0.307	0.292	0.278	0.265	0.253	0.242	0.232	0.223	0.216	0.210	0.205	0.200
	36	0.376	0.359	0.343	0.327	0.311	0.296	0.282	0.269	0.257	0.246	0.236	0.227	0.219	0.213	0.209	0.204
	35	0.380	0.363	0.346	0.330	0.314	0.299	0.285	0.272	0.260	0.249	0.239	0.231	0.223	0.217	0.213	0.208
	34	0.383	0.366	0.350	0.334	0.318	0.303	0.289	0.276	0.264	0.253	0.243	0.235	0.227	0.222	0.217	0.213
	33	0.387	0.370	0.354	0.338	0.322	0.307	0.293	0.280	0.268	0.257	0.248	0.239	0.232	0.226	0.221	0.217
	32	0.391	0.374	0.358	0.342	0.326	0.311	0.297	0.284	0.272	0.262	0.252	0.243	0.236	0.231	0.226	0.222
	31	0.395	0.379	0.362	0.346	0.331	0.316	0.302	0.289	0.277	0.266	0.257	0.248	0.241	0.236	0.231	0.228
	30	0.400	0.383	0.367	0.351	0.335	0.321	0.307	0.294	0.282	0.271	0.262	0.253	0.246	0.241	0.237	0.233
	29	0.405	0.388	0.372	0.356	0.340	0.326	0.312	0.299	0.287	0.277	0.267	0.259	0.252	0.247	0.243	0.239
	28	0.410	0.393	0.377	0.361	0.346	0.331	0.317	0.304	0.293	0.282	0.273	0.264	0.258	0.253	0.249	0.246
	27	0.415	0.399	0.383	0.367	0.351	0.337	0.323	0.310	0.298	0.288	0.279	0.270	0.264	0.259	0.256	0.253
	26	0.421	0.404	0.388	0.373	0.357	0.343	0.329	0.316	0.305	0.294	0.285	0.277	0.270	0.266	0.263	0.260
Beneficiary	25	0.426	0.410	0.394	0.379	0.364	0.349	0.335	0.323	0.311	0.301	0.292	0.284	0.278	0.273	0.270	0.268
younger	24	0.433	0.417	0.401	0.385	0.370	0.356	0.342	0.330	0.318	0.308	0.299	0.291	0.285	0.281	0.278	0.276
than	23	0.439	0.423	0.408	0.392	0.377	0.363	0.349	0.337	0.326	0.316	0.307	0.299	0.293	0.289	0.287	0.285
Retiree	22	0.446	0.431	0.415	0.399	0.384	0.370	0.357	0.345	0.333	0.324	0.315	0.307	0.302	0.298	0.296	0.294
	21	0.454	0.438	0.422	0.407	0.392	0.378	0.365	0.353	0.342	0.332	0.323	0.316	0.311	0.307	0.305	0.304

Mortality Table: Blended Healthy Mortality, Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 8a: 100% Joint and Survivor Annuity with Pop-up Feature - Option 2A - Healthy Members

(Factor Multiplied by Option 1 Non-Refund Life Annuity)

	Beneficiary Age Difference	Attained Age at Retirement															
		85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
	20	0.461	0.446	0.430	0.415	0.401	0.386	0.373	0.361	0.350	0.341	0.333	0.325	0.320	0.317	0.316	0.315
	19	0.469	0.454	0.439	0.424	0.409	0.395	0.382	0.370	0.360	0.350	0.342	0.335	0.330	0.328	0.327	0.326
	18	0.478	0.463	0.448	0.433	0.418	0.405	0.392	0.380	0.370	0.360	0.353	0.346	0.341	0.339	0.338	0.338
	17	0.487	0.472	0.457	0.442	0.428	0.414	0.402	0.390	0.380	0.371	0.363	0.357	0.353	0.351	0.350	0.351
	16	0.496	0.481	0.467	0.452	0.438	0.425	0.412	0.401	0.391	0.382	0.375	0.369	0.365	0.363	0.363	0.364
	15	0.506	0.491	0.477	0.463	0.449	0.436	0.423	0.412	0.403	0.394	0.387	0.381	0.377	0.376	0.377	0.378
	14	0.516	0.502	0.488	0.474	0.460	0.447	0.435	0.424	0.415	0.406	0.400	0.394	0.391	0.390	0.391	0.393
	13	0.527	0.513	0.499	0.485	0.472	0.459	0.447	0.437	0.427	0.419	0.413	0.408	0.405	0.404	0.405	0.408
	12	0.538	0.524	0.510	0.497	0.484	0.471	0.460	0.450	0.441	0.433	0.427	0.422	0.419	0.419	0.421	0.423
	11	0.549	0.536	0.523	0.509	0.497	0.484	0.473	0.463	0.455	0.447	0.441	0.437	0.434	0.434	0.436	0.439
	10	0.561	0.548	0.535	0.522	0.510	0.498	0.487	0.477	0.469	0.462	0.456	0.452	0.450	0.450	0.452	0.454
	9	0.574	0.561	0.548	0.536	0.524	0.512	0.502	0.492	0.484	0.477	0.472	0.468	0.466	0.466	0.468	0.470
	8	0.586	0.574	0.562	0.550	0.538	0.527	0.516	0.507	0.500	0.493	0.488	0.484	0.482	0.482	0.483	0.485
	7	0.599	0.588	0.576	0.564	0.553	0.542	0.532	0.523	0.515	0.509	0.504	0.500	0.497	0.498	0.499	0.501
	6	0.613	0.601	0.590	0.579	0.568	0.557	0.547	0.539	0.531	0.525	0.520	0.516	0.513	0.513	0.514	0.515
Beneficiary	5	0.627	0.616	0.605	0.594	0.583	0.573	0.563	0.555	0.548	0.541	0.536	0.531	0.529	0.528	0.528	0.529
younger	4	0.641	0.630	0.619	0.609	0.598	0.588	0.579	0.571	0.564	0.557	0.552	0.547	0.543	0.542	0.542	0.542
than	3	0.655	0.645	0.634	0.624	0.614	0.604	0.595	0.587	0.580	0.573	0.567	0.562	0.558	0.556	0.555	0.555
Retiree	2	0.669	0.659	0.650	0.640	0.630	0.620	0.611	0.603	0.595	0.588	0.582	0.576	0.572	0.569	0.567	0.566
	1	0.683	0.674	0.665	0.655	0.645	0.636	0.627	0.618	0.610	0.603	0.596	0.590	0.585	0.581	0.579	0.577
Beneficiary same age as Retiree	**0**	**0.698**	**0.689**	**0.679**	**0.670**	**0.660**	**0.651**	**0.642**	**0.633**	**0.625**	**0.617**	**0.610**	**0.603**	**0.596**	**0.592**	**0.589**	**0.587**
Beneficiary	-1	0.712	0.703	0.694	0.685	0.675	0.665	0.656	0.647	0.639	0.630	0.622	0.614	0.607	0.603	0.600	0.598
older	-2	0.725	0.717	0.708	0.699	0.689	0.680	0.670	0.661	0.652	0.643	0.634	0.625	0.618	0.613	0.610	0.608
than	-3	0.739	0.731	0.722	0.713	0.703	0.693	0.683	0.673	0.664	0.654	0.645	0.636	0.628	0.624	0.620	0.617
Retiree	-4	0.752	0.744	0.735	0.726	0.716	0.706	0.695	0.685	0.675	0.665	0.655	0.646	0.638	0.633	0.629	0.625
	-5	0.764	0.756	0.748	0.738	0.728	0.717	0.707	0.696	0.685	0.675	0.665	0.656	0.648	0.642	0.637	0.631
	-6	0.776	0.768	0.759	0.750	0.739	0.728	0.717	0.706	0.695	0.684	0.675	0.665	0.656	0.650	0.643	0.637
	-7	0.787	0.779	0.770	0.760	0.750	0.738	0.726	0.715	0.704	0.694	0.684	0.673	0.664	0.656	0.649	0.641
	-8	0.798	0.789	0.780	0.770	0.759	0.747	0.736	0.724	0.713	0.702	0.692	0.681	0.670	0.662	0.653	0.645
	-9	0.807	0.799	0.790	0.779	0.768	0.756	0.744	0.733	0.722	0.710	0.699	0.687	0.676	0.666	0.657	0.649
	-10	0.816	0.808	0.798	0.787	0.776	0.764	0.753	0.741	0.729	0.717	0.705	0.692	0.680	0.670	0.661	0.653
	-11	0.824	0.816	0.806	0.795	0.784	0.772	0.760	0.748	0.736	0.723	0.710	0.696	0.684	0.673	0.664	
	-12	0.832	0.823	0.813	0.802	0.791	0.779	0.767	0.755	0.741	0.728	0.714	0.700	0.687	0.677		
	-13	0.838	0.830	0.820	0.809	0.798	0.786	0.773	0.760	0.746	0.732	0.718	0.703	0.690			
	-14	0.845	0.836	0.826	0.816	0.804	0.792	0.778	0.764	0.750	0.735	0.721	0.707				
	-15	0.851	0.842	0.832	0.822	0.810	0.796	0.782	0.768	0.753	0.739	0.724					

Mortality Table: Blended Healthy Mortality, Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 8a: 100% Joint and Survivor Annuity with Pop-up Feature - Option 2A - Healthy Members

(Factor Multiplied by Option 1 Non-Refund Life Annuity)

	Beneficiary Age Difference	Attained Age at Retirement															
		85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
Beneficiary	-16	0.856	0.847	0.838	0.827	0.814	0.800	0.786	0.771	0.756	0.742						
older	-17	0.861	0.852	0.842	0.831	0.818	0.803	0.789	0.774	0.759							
than	-18	0.866	0.857	0.846	0.834	0.821	0.806	0.792	0.777								
Retiree	-19	0.870	0.860	0.849	0.837	0.823	0.809	0.794									
	-20	0.873	0.863	0.852	0.839	0.826	0.812										
	-21	0.876	0.865	0.854	0.842	0.828											
	-22	0.878	0.868	0.856	0.844												
	-23	0.880	0.870	0.859													
	-24	0.882	0.872														
	-25	0.884															
	-26																
	-27																
	-28																
	-29																
	-30																
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	-44																
	-45																
	-46																
	-47																
	-48																
	-49																
	-50																
Beneficiary	-51																
older	-52																
than	-53																
Retiree	-54																
	-55																

Mortality Table: Blended Healthy Mortality, Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 8a: 100% Joint and Survivor Annuity with Pop-up Feature - Option 2A - Healthy Members

(Factor Multiplied by Option 1 Non-Refund Life Annuity)

	Beneficiary Age Difference	Attained Age at Retirement															
		85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
Beneficiary older than Retiree	-56																
	-57																
	-58																
	-59																
	-60																
Beneficiary older than Retiree	-61																
	-62																
	-63																
	-64																
	-65																

Mortality Table: Blended Healthy Mortality, Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 8b: 100% Joint and Survivor Annuity with Pop-up Feature - Option 2A - Disabled Members

(Factor Multiplied by Option 1 Non-Refund Life Annuity)

	Beneficiary Age Difference	Attained Age at Retirement																			
		20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
Beneficiary	75																				
younger	74																				
than	73																				
Retiree	72																				
	71																				
	70																				
	69																				
	68																				
	67																				
	66																				
	65																				
	64																				
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	51																				
	50																				
	49																				
	48																				
	47																				
	46																				
	45																				
	44																				
	43																				
	42																				
	41																				
Beneficiary	40																				
younger	39																				
than	38																				0.779
Retiree	37																			0.783	0.779
	36																		0.788	0.784	0.779

Mortality Table: Blended Disabled Mortality, Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 8b: 100% Joint and Survivor Annuity with Pop-up Feature - Option 2A - Disabled Members

(Factor Multiplied by Option 1 Non-Refund Life Annuity)

	Beneficiary Age Difference	Attained Age at Retirement																			
		20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
	35																	0.792	0.788	0.784	0.780
	34																0.796	0.792	0.789	0.785	0.781
	33															0.799	0.796	0.793	0.789	0.785	0.781
	32														0.802	0.800	0.796	0.793	0.790	0.786	0.782
	31													0.806	0.803	0.800	0.797	0.794	0.790	0.786	0.782
	30												0.808	0.806	0.803	0.801	0.798	0.794	0.791	0.787	0.783
	29											0.811	0.809	0.806	0.804	0.801	0.798	0.795	0.791	0.788	0.784
	28										0.814	0.812	0.809	0.807	0.804	0.802	0.799	0.796	0.792	0.788	0.784
	27									0.816	0.814	0.812	0.810	0.807	0.805	0.802	0.799	0.796	0.793	0.789	0.785
	26								0.818	0.816	0.814	0.812	0.810	0.808	0.806	0.803	0.800	0.797	0.794	0.790	0.786
	25							0.820	0.818	0.817	0.815	0.813	0.811	0.809	0.806	0.804	0.801	0.798	0.794	0.791	0.787
	24						0.822	0.820	0.819	0.817	0.815	0.814	0.811	0.809	0.807	0.804	0.801	0.798	0.795	0.792	0.788
	23					0.824	0.822	0.821	0.819	0.818	0.816	0.814	0.812	0.810	0.808	0.805	0.802	0.799	0.796	0.792	0.789
	22				0.825	0.824	0.823	0.821	0.820	0.818	0.817	0.815	0.813	0.811	0.808	0.806	0.803	0.800	0.797	0.793	0.790
	21			0.827	0.826	0.825	0.823	0.822	0.820	0.819	0.817	0.815	0.813	0.811	0.809	0.806	0.804	0.801	0.798	0.794	0.791
	20		0.828	0.827	0.826	0.825	0.824	0.822	0.821	0.820	0.818	0.816	0.814	0.812	0.810	0.807	0.805	0.802	0.799	0.795	0.792
	19	0.829	0.829	0.828	0.827	0.826	0.824	0.823	0.822	0.820	0.819	0.817	0.815	0.813	0.811	0.808	0.806	0.803	0.800	0.796	0.793
	18	0.830	0.829	0.828	0.827	0.826	0.825	0.824	0.822	0.821	0.819	0.817	0.816	0.814	0.811	0.809	0.806	0.804	0.801	0.798	0.794
	17	0.830	0.830	0.829	0.828	0.827	0.825	0.824	0.823	0.821	0.820	0.818	0.816	0.814	0.812	0.810	0.807	0.805	0.802	0.799	0.795
	16	0.831	0.830	0.829	0.828	0.827	0.826	0.825	0.824	0.822	0.821	0.819	0.817	0.815	0.813	0.811	0.809	0.806	0.803	0.800	0.796
	15	0.831	0.831	0.830	0.829	0.828	0.827	0.826	0.824	0.823	0.821	0.820	0.818	0.816	0.814	0.812	0.810	0.807	0.804	0.801	0.798
	14	0.832	0.831	0.830	0.829	0.828	0.827	0.826	0.825	0.824	0.822	0.821	0.819	0.817	0.815	0.813	0.811	0.808	0.805	0.802	0.799
	13	0.832	0.832	0.831	0.830	0.829	0.828	0.827	0.826	0.825	0.823	0.822	0.820	0.818	0.816	0.814	0.812	0.809	0.807	0.804	0.801
	12	0.833	0.832	0.831	0.831	0.830	0.829	0.828	0.827	0.825	0.824	0.823	0.821	0.819	0.817	0.815	0.813	0.811	0.808	0.805	0.802
	11	0.833	0.833	0.832	0.831	0.830	0.830	0.828	0.827	0.826	0.825	0.823	0.822	0.820	0.818	0.816	0.814	0.812	0.809	0.807	0.804
	10	0.834	0.833	0.833	0.832	0.831	0.830	0.829	0.828	0.827	0.826	0.824	0.823	0.821	0.820	0.818	0.816	0.813	0.811	0.808	0.805
	9	0.835	0.834	0.833	0.833	0.832	0.831	0.830	0.829	0.828	0.827	0.826	0.824	0.823	0.821	0.819	0.817	0.815	0.812	0.810	0.807
	8	0.835	0.835	0.834	0.833	0.833	0.832	0.831	0.830	0.829	0.828	0.827	0.825	0.824	0.822	0.820	0.818	0.816	0.814	0.811	0.808
	7	0.836	0.835	0.835	0.834	0.833	0.833	0.832	0.831	0.830	0.829	0.828	0.826	0.825	0.823	0.822	0.820	0.818	0.815	0.813	0.810
	6	0.837	0.836	0.836	0.835	0.834	0.834	0.833	0.832	0.831	0.830	0.829	0.828	0.826	0.825	0.823	0.821	0.819	0.817	0.815	0.812
Beneficiary	5	0.837	0.837	0.836	0.836	0.835	0.835	0.834	0.833	0.832	0.831	0.830	0.829	0.827	0.826	0.824	0.823	0.821	0.819	0.816	0.814
younger	4	0.838	0.838	0.837	0.837	0.836	0.835	0.835	0.834	0.833	0.832	0.831	0.830	0.829	0.827	0.826	0.824	0.822	0.820	0.818	0.816
than	3	0.839	0.838	0.838	0.837	0.837	0.836	0.836	0.835	0.834	0.833	0.832	0.831	0.830	0.829	0.827	0.826	0.824	0.822	0.820	0.818
Retiree	2	0.840	0.839	0.839	0.838	0.838	0.837	0.837	0.836	0.835	0.835	0.834	0.833	0.832	0.830	0.829	0.827	0.826	0.824	0.822	0.820
	1	0.840	0.840	0.840	0.839	0.839	0.838	0.838	0.837	0.837	0.836	0.835	0.834	0.833	0.832	0.831	0.829	0.828	0.826	0.824	0.822
Beneficiary same age as Retiree	**0**	**0.841**	**0.841**	**0.841**	**0.840**	**0.840**	**0.839**	**0.839**	**0.838**	**0.838**	**0.837**	**0.836**	**0.835**	**0.834**	**0.833**	**0.832**	**0.831**	**0.829**	**0.828**	**0.826**	**0.824**

Mortality Table: Blended Disabled Mortality, Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 8b: 100% Joint and Survivor Annuity with Pop-up Feature - Option 2A - Disabled Members

(Factor Multiplied by Option 1 Non-Refund Life Annuity)

	Beneficiary Age Difference	Attained Age at Retirement																			
		20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
Beneficiary	-1	0.842	0.842	0.841	0.841	0.841	0.840	0.840	0.840	0.839	0.838	0.838	0.837	0.836	0.835	0.834	0.833	0.831	0.830	0.828	0.826
older	-2	0.843	0.843	0.842	0.842	0.842	0.842	0.841	0.841	0.840	0.840	0.839	0.838	0.837	0.837	0.835	0.834	0.833	0.832	0.830	0.828
than	-3	0.844	0.844	0.843	0.843	0.843	0.843	0.842	0.842	0.842	0.841	0.840	0.840	0.839	0.838	0.837	0.836	0.835	0.834	0.832	0.830
Retiree	-4	0.845	0.844	0.844	0.844	0.844	0.844	0.844	0.843	0.843	0.842	0.842	0.841	0.841	0.840	0.839	0.838	0.837	0.836	0.834	0.832
	-5	0.845	0.845	0.845	0.845	0.845	0.845	0.845	0.845	0.844	0.844	0.843	0.843	0.842	0.842	0.841	0.840	0.839	0.838	0.836	0.835
	-6	0.846	0.846	0.846	0.846	0.846	0.846	0.846	0.846	0.846	0.845	0.845	0.844	0.844	0.843	0.843	0.842	0.841	0.840	0.839	0.837
	-7	0.847	0.847	0.847	0.847	0.847	0.847	0.847	0.847	0.847	0.847	0.846	0.846	0.846	0.845	0.845	0.844	0.843	0.842	0.841	0.839
	-8	0.848	0.848	0.849	0.849	0.849	0.849	0.849	0.849	0.848	0.848	0.848	0.848	0.847	0.847	0.846	0.846	0.845	0.844	0.843	0.842
	-9	0.849	0.849	0.850	0.850	0.850	0.850	0.850	0.850	0.850	0.850	0.850	0.849	0.849	0.849	0.848	0.848	0.847	0.846	0.845	0.844
	-10	0.850	0.851	0.851	0.851	0.851	0.851	0.851	0.851	0.851	0.851	0.851	0.851	0.851	0.851	0.850	0.850	0.849	0.849	0.848	0.847
	-11	0.851	0.852	0.852	0.852	0.852	0.853	0.853	0.853	0.853	0.853	0.853	0.853	0.853	0.853	0.852	0.852	0.852	0.851	0.850	0.849
	-12	0.853	0.853	0.853	0.853	0.854	0.854	0.854	0.854	0.855	0.855	0.855	0.855	0.855	0.855	0.854	0.854	0.854	0.853	0.853	0.852
	-13	0.854	0.854	0.854	0.855	0.855	0.855	0.856	0.856	0.856	0.856	0.857	0.857	0.857	0.857	0.857	0.856	0.856	0.856	0.855	0.855
	-14	0.855	0.855	0.856	0.856	0.856	0.857	0.857	0.857	0.858	0.858	0.858	0.859	0.859	0.859	0.859	0.859	0.859	0.858	0.858	0.857
	-15	0.856	0.856	0.857	0.857	0.858	0.858	0.859	0.859	0.859	0.860	0.860	0.860	0.861	0.861	0.861	0.861	0.861	0.861	0.860	0.860
	-16	0.857	0.858	0.858	0.859	0.859	0.860	0.860	0.861	0.861	0.862	0.862	0.862	0.863	0.863	0.863	0.863	0.863	0.863	0.863	0.863
	-17	0.858	0.859	0.860	0.860	0.861	0.861	0.862	0.862	0.863	0.863	0.864	0.864	0.865	0.865	0.865	0.866	0.866	0.866	0.866	0.866
	-18	0.860	0.860	0.861	0.862	0.862	0.863	0.864	0.864	0.865	0.865	0.866	0.866	0.867	0.867	0.868	0.868	0.868	0.869	0.869	0.869
	-19	0.861	0.862	0.862	0.863	0.864	0.865	0.865	0.866	0.867	0.867	0.868	0.869	0.869	0.870	0.870	0.871	0.871	0.871	0.871	0.871
	-20	0.862	0.863	0.864	0.865	0.865	0.866	0.867	0.868	0.869	0.869	0.870	0.871	0.871	0.872	0.873	0.873	0.874	0.874	0.874	0.874
	-21	0.864	0.865	0.865	0.866	0.867	0.868	0.869	0.870	0.870	0.871	0.872	0.873	0.874	0.874	0.875	0.876	0.876	0.877	0.877	0.877
	-22	0.865	0.866	0.867	0.868	0.869	0.870	0.871	0.872	0.872	0.873	0.874	0.875	0.876	0.877	0.878	0.878	0.879	0.879	0.880	0.880
	-23	0.867	0.868	0.869	0.870	0.870	0.871	0.872	0.873	0.874	0.875	0.876	0.877	0.878	0.879	0.880	0.881	0.882	0.882	0.883	0.883
	-24	0.868	0.869	0.870	0.871	0.872	0.873	0.874	0.875	0.876	0.878	0.879	0.880	0.881	0.882	0.883	0.884	0.884	0.885	0.886	0.886
	-25	0.870	0.871	0.872	0.873	0.874	0.875	0.876	0.877	0.879	0.880	0.881	0.882	0.883	0.884	0.885	0.886	0.887	0.888	0.889	0.889
	-26	0.871	0.872	0.874	0.875	0.876	0.877	0.878	0.879	0.881	0.882	0.883	0.884	0.886	0.887	0.888	0.889	0.890	0.891	0.892	0.893
	-27	0.873	0.874	0.875	0.877	0.878	0.879	0.880	0.882	0.883	0.884	0.885	0.887	0.888	0.889	0.890	0.892	0.893	0.894	0.895	0.896
	-28	0.875	0.876	0.877	0.878	0.880	0.881	0.882	0.884	0.885	0.886	0.888	0.889	0.891	0.892	0.893	0.894	0.896	0.897	0.898	0.899
	-29	0.876	0.878	0.879	0.880	0.882	0.883	0.884	0.886	0.887	0.889	0.890	0.892	0.893	0.894	0.896	0.897	0.899	0.900	0.901	0.902
	-30	0.878	0.879	0.881	0.882	0.884	0.885	0.887	0.888	0.890	0.891	0.893	0.894	0.896	0.897	0.899	0.900	0.901	0.903	0.904	0.905
	-31	0.880	0.881	0.883	0.884	0.886	0.887	0.889	0.890	0.892	0.893	0.895	0.897	0.898	0.900	0.901	0.903	0.904	0.906	0.907	0.908
	-32	0.882	0.883	0.885	0.886	0.888	0.889	0.891	0.893	0.894	0.896	0.898	0.899	0.901	0.902	0.904	0.906	0.907	0.909	0.910	0.911
	-33	0.883	0.885	0.887	0.888	0.890	0.891	0.893	0.895	0.897	0.898	0.900	0.902	0.903	0.905	0.907	0.909	0.910	0.912	0.913	0.915
	-34	0.885	0.887	0.889	0.890	0.892	0.894	0.895	0.897	0.899	0.901	0.902	0.904	0.906	0.908	0.910	0.911	0.913	0.915	0.916	0.918
	-35	0.887	0.889	0.891	0.892	0.894	0.896	0.898	0.899	0.901	0.903	0.905	0.907	0.909	0.911	0.912	0.914	0.916	0.918	0.919	0.921
Beneficiary	-36	0.889	0.891	0.893	0.894	0.896	0.898	0.900	0.902	0.904	0.906	0.908	0.909	0.911	0.913	0.915	0.917	0.919	0.921	0.922	0.924
older	-37	0.891	0.893	0.895	0.897	0.898	0.900	0.902	0.904	0.906	0.908	0.910	0.912	0.914	0.916	0.918	0.920	0.922	0.924	0.925	0.927
than	-38	0.893	0.895	0.897	0.899	0.901	0.903	0.905	0.907	0.909	0.911	0.913	0.915	0.917	0.919	0.921	0.923	0.925	0.927	0.928	0.930
Retiree	-39	0.895	0.897	0.899	0.901	0.903	0.905	0.907	0.909	0.911	0.913	0.915	0.917	0.919	0.921	0.923	0.926	0.928	0.930	0.931	0.933
	-40	0.897	0.899	0.901	0.903	0.905	0.907	0.909	0.911	0.913	0.916	0.918	0.920	0.922	0.924	0.926	0.928	0.930	0.932	0.934	0.936

Mortality Table: Blended Disabled Mortality, Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 8b: 100% Joint and Survivor Annuity with Pop-up Feature - Option 2A - Disabled Members

(Factor Multiplied by Option 1 Non-Refund Life Annuity)

	Beneficiary Age Difference	Attained Age at Retirement																			
		20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
Beneficiary	-41	0.899	0.901	0.903	0.905	0.907	0.910	0.912	0.914	0.916	0.918	0.920	0.922	0.925	0.927	0.929	0.931	0.933	0.935	0.937	0.939
older	-42	0.902	0.904	0.906	0.908	0.910	0.912	0.914	0.916	0.918	0.921	0.923	0.925	0.927	0.929	0.932	0.934	0.936	0.938	0.940	0.942
than	-43	0.904	0.906	0.908	0.910	0.912	0.914	0.916	0.919	0.921	0.923	0.925	0.928	0.930	0.932	0.934	0.936	0.939	0.941	0.943	0.945
Retiree	-44	0.906	0.908	0.910	0.912	0.914	0.917	0.919	0.921	0.923	0.926	0.928	0.930	0.932	0.935	0.937	0.939	0.941	0.943	0.945	0.947
	-45	0.908	0.910	0.912	0.914	0.917	0.919	0.921	0.923	0.926	0.928	0.930	0.933	0.935	0.937	0.939	0.942	0.944	0.946	0.948	0.950
	-46	0.910	0.912	0.915	0.917	0.919	0.921	0.924	0.926	0.928	0.930	0.933	0.935	0.937	0.940	0.942	0.944	0.946	0.949	0.951	0.953
	-47	0.912	0.915	0.917	0.919	0.921	0.924	0.926	0.928	0.931	0.933	0.935	0.938	0.940	0.942	0.945	0.947	0.949	0.951	0.953	0.955
	-48	0.915	0.917	0.919	0.921	0.924	0.926	0.928	0.931	0.933	0.935	0.938	0.940	0.942	0.945	0.947	0.949	0.951	0.953	0.955	0.957
	-49	0.917	0.919	0.921	0.924	0.926	0.928	0.931	0.933	0.935	0.938	0.940	0.943	0.945	0.947	0.949	0.952	0.954	0.956	0.958	0.960
	-50	0.919	0.922	0.924	0.926	0.928	0.931	0.933	0.936	0.938	0.940	0.943	0.945	0.947	0.949	0.952	0.954	0.956	0.958	0.960	0.962
	-51	0.922	0.924	0.926	0.929	0.931	0.933	0.936	0.938	0.940	0.943	0.945	0.947	0.950	0.952	0.954	0.956	0.958	0.960	0.962	0.964
	-52	0.924	0.926	0.929	0.931	0.933	0.936	0.938	0.940	0.943	0.945	0.947	0.950	0.952	0.954	0.956	0.958	0.960	0.962	0.964	0.966
	-53	0.926	0.929	0.931	0.933	0.936	0.938	0.940	0.943	0.945	0.947	0.950	0.952	0.954	0.956	0.958	0.960	0.962	0.964	0.966	0.967
	-54	0.929	0.931	0.933	0.936	0.938	0.940	0.943	0.945	0.947	0.950	0.952	0.954	0.956	0.958	0.960	0.962	0.964	0.966	0.968	0.969
	-55	0.931	0.933	0.936	0.938	0.940	0.943	0.945	0.947	0.950	0.952	0.954	0.956	0.958	0.961	0.962	0.964	0.966	0.968	0.969	0.970
	-56	0.933	0.936	0.938	0.940	0.943	0.945	0.947	0.950	0.952	0.954	0.956	0.959	0.961	0.962	0.964	0.966	0.968	0.969	0.971	0.972
	-57	0.936	0.938	0.940	0.943	0.945	0.947	0.950	0.952	0.954	0.956	0.959	0.961	0.963	0.964	0.966	0.968	0.969	0.971	0.972	0.973
	-58	0.938	0.940	0.943	0.945	0.947	0.950	0.952	0.954	0.956	0.959	0.961	0.963	0.964	0.966	0.968	0.969	0.971	0.972	0.973	0.974
	-59	0.940	0.943	0.945	0.947	0.950	0.952	0.954	0.956	0.959	0.961	0.963	0.964	0.966	0.968	0.969	0.971	0.972	0.973	0.974	0.975
	-60	0.943	0.945	0.947	0.950	0.952	0.954	0.956	0.959	0.961	0.963	0.964	0.966	0.968	0.969	0.971	0.972	0.973	0.974	0.975	0.976
	-61	0.945	0.947	0.950	0.952	0.954	0.956	0.959	0.961	0.963	0.964	0.966	0.968	0.969	0.971	0.972	0.973	0.974	0.975	0.976	0.977
	-62	0.947	0.950	0.952	0.954	0.956	0.959	0.961	0.963	0.964	0.966	0.968	0.969	0.971	0.972	0.973	0.974	0.975	0.976	0.977	0.978
	-63	0.950	0.952	0.954	0.956	0.959	0.961	0.963	0.964	0.966	0.968	0.969	0.971	0.972	0.973	0.974	0.975	0.976	0.977	0.978	0.979
	-64	0.952	0.954	0.956	0.959	0.961	0.963	0.964	0.966	0.968	0.969	0.971	0.972	0.973	0.974	0.975	0.976	0.977	0.978	0.979	0.979
	-65	0.954	0.956	0.959	0.961	0.963	0.964	0.966	0.968	0.969	0.971	0.972	0.973	0.974	0.975	0.976	0.977	0.978	0.979	0.979	0.980
	-66	0.956	0.959	0.961	0.963	0.964	0.966	0.968	0.969	0.971	0.972	0.973	0.974	0.975	0.976	0.977	0.978	0.979	0.979	0.980	0.980
	-67	0.959	0.961	0.963	0.964	0.966	0.968	0.969	0.971	0.972	0.973	0.974	0.975	0.976	0.977	0.978	0.979	0.979	0.980	0.980	0.981
	-68	0.961	0.963	0.964	0.966	0.968	0.969	0.971	0.972	0.973	0.974	0.975	0.976	0.977	0.978	0.979	0.979	0.980	0.980	0.981	0.981
	-69	0.963	0.964	0.966	0.968	0.969	0.971	0.972	0.973	0.974	0.975	0.976	0.977	0.978	0.979	0.979	0.980	0.980	0.981	0.981	0.981
	-70	0.964	0.966	0.968	0.969	0.971	0.972	0.973	0.974	0.975	0.976	0.977	0.978	0.979	0.979	0.980	0.980	0.981	0.981	0.981	0.982
	-71	0.966	0.968	0.969	0.971	0.972	0.973	0.974	0.975	0.976	0.977	0.978	0.979	0.979	0.980	0.980	0.981	0.981	0.981	0.982	0.982
	-72	0.968	0.969	0.971	0.972	0.973	0.974	0.975	0.976	0.977	0.978	0.979	0.979	0.980	0.980	0.981	0.981	0.981	0.982	0.982	
	-73	0.969	0.971	0.972	0.973	0.974	0.975	0.976	0.977	0.978	0.979	0.979	0.980	0.980	0.981	0.981	0.981	0.982	0.982		
	-74	0.971	0.972	0.973	0.974	0.975	0.976	0.977	0.978	0.979	0.979	0.980	0.980	0.981	0.981	0.981	0.982	0.982			
	-75	0.972	0.973	0.974	0.975	0.976	0.977	0.978	0.979	0.979	0.980	0.980	0.981	0.981	0.981	0.982	0.982				
Beneficiary	-76	0.973	0.974	0.975	0.976	0.977	0.978	0.979	0.979	0.980	0.980	0.981	0.981	0.981	0.982	0.982					
older	-77	0.974	0.975	0.976	0.977	0.978	0.979	0.979	0.980	0.980	0.981	0.981	0.981	0.982	0.982						
than	-78	0.975	0.976	0.977	0.978	0.979	0.979	0.980	0.980	0.981	0.981	0.981	0.982	0.982							
Retiree	-79	0.976	0.977	0.978	0.979	0.979	0.980	0.980	0.981	0.981	0.981	0.982	0.982								
	-80	0.977	0.978	0.979	0.979	0.980	0.980	0.981	0.981	0.981	0.982	0.982									

Mortality Table: Blended Disabled Mortality, Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 8b: 100% Joint and Survivor Annuity with Pop-up Feature - Option 2A - Disabled Members

(Factor Multiplied by Option 1 Non-Refund Life Annuity)

	Beneficiary Age Difference	Attained Age at Retirement																			
		20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
Beneficiary	-81	0.978	0.979	0.979	0.980	0.980	0.981	0.981	0.981	0.982	0.982										
older	-82	0.979	0.979	0.980	0.980	0.981	0.981	0.981	0.982	0.982											
than	-83	0.979	0.980	0.980	0.981	0.981	0.981	0.982	0.982												
Retiree	-84	0.980	0.980	0.981	0.981	0.981	0.982	0.982													
	-85	0.980	0.981	0.981	0.981	0.982	0.982														
Beneficiary	-86	0.981	0.981	0.981	0.982	0.982															
older	-87	0.981	0.981	0.982	0.982																
than	-88	0.981	0.982	0.982																	
Retiree	-89	0.982	0.982																		
	-90	0.982																			

Mortality Table: Blended Disabled Mortality, Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 8b: 100% Joint and Survivor Annuity with Pop-up Feature - Option 2A - Disabled Members

(Factor Multiplied by Option 1 Non-Refund Life Annuity)

	Beneficiary Age Difference	Attained Age at Retirement																			
		40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59
Beneficiary	75																				
younger	74																				
than	73																				
Retiree	72																				
	71																				
	70																				
	69																				
	68																				
	67																				
	66																				
	65																				
	64																				
	63																				
	62																				
	61																				
	60																				
	59																				
	58																				0.632
	57																			0.641	0.633
	56																		0.649	0.641	0.633
	55																	0.657	0.650	0.642	0.634
	54																0.665	0.658	0.650	0.642	0.634
	53															0.673	0.666	0.658	0.651	0.643	0.635
	52														0.681	0.673	0.666	0.659	0.651	0.643	0.635
	51													0.688	0.681	0.674	0.666	0.659	0.652	0.644	0.636
	50												0.696	0.689	0.681	0.674	0.667	0.660	0.652	0.644	0.636
	49											0.704	0.696	0.689	0.682	0.675	0.668	0.660	0.653	0.645	0.637
	48										0.711	0.704	0.697	0.690	0.682	0.675	0.668	0.661	0.653	0.646	0.638
	47									0.719	0.712	0.704	0.697	0.690	0.683	0.676	0.669	0.661	0.654	0.646	0.638
	46								0.727	0.719	0.712	0.705	0.698	0.691	0.684	0.676	0.669	0.662	0.655	0.647	0.639
	45							0.734	0.727	0.720	0.713	0.705	0.698	0.691	0.684	0.677	0.670	0.663	0.655	0.648	0.640
	44						0.742	0.735	0.728	0.720	0.713	0.706	0.699	0.692	0.685	0.678	0.671	0.664	0.656	0.649	0.641
	43					0.749	0.742	0.735	0.728	0.721	0.714	0.707	0.700	0.692	0.685	0.679	0.671	0.664	0.657	0.649	0.642
	42				0.756	0.750	0.743	0.736	0.729	0.721	0.714	0.707	0.700	0.693	0.686	0.679	0.672	0.665	0.658	0.650	0.643
	41			0.762	0.756	0.750	0.743	0.736	0.729	0.722	0.715	0.708	0.701	0.694	0.687	0.680	0.673	0.666	0.659	0.651	0.644
Beneficiary	40		0.768	0.763	0.757	0.751	0.744	0.737	0.730	0.723	0.716	0.709	0.702	0.695	0.688	0.681	0.674	0.667	0.660	0.652	0.645
younger	39	0.773	0.768	0.763	0.757	0.751	0.745	0.737	0.730	0.723	0.716	0.709	0.702	0.695	0.689	0.682	0.675	0.668	0.661	0.653	0.646
than	38	0.774	0.769	0.764	0.758	0.752	0.745	0.738	0.731	0.724	0.717	0.710	0.703	0.696	0.689	0.683	0.676	0.669	0.662	0.654	0.647
Retiree	37	0.774	0.769	0.764	0.759	0.752	0.746	0.739	0.732	0.725	0.718	0.711	0.704	0.697	0.690	0.684	0.677	0.670	0.663	0.656	0.648
	36	0.775	0.770	0.765	0.759	0.753	0.746	0.739	0.732	0.725	0.719	0.712	0.705	0.698	0.691	0.685	0.678	0.671	0.664	0.657	0.649

Mortality Table: Blended Disabled Mortality, Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 8b: 100% Joint and Survivor Annuity with Pop-up Feature - Option 2A - Disabled Members

(Factor Multiplied by Option 1 Non-Refund Life Annuity)

	Beneficiary Age Difference	Attained Age at Retirement																			
		40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59
	35	0.775	0.771	0.765	0.760	0.754	0.747	0.740	0.733	0.726	0.719	0.713	0.706	0.699	0.692	0.686	0.679	0.672	0.665	0.658	0.651
	34	0.776	0.771	0.766	0.760	0.754	0.748	0.741	0.734	0.727	0.720	0.713	0.707	0.700	0.693	0.687	0.680	0.673	0.667	0.659	0.652
	33	0.777	0.772	0.767	0.761	0.755	0.749	0.742	0.735	0.728	0.721	0.714	0.708	0.701	0.695	0.688	0.681	0.675	0.668	0.661	0.654
	32	0.777	0.773	0.767	0.762	0.756	0.750	0.743	0.736	0.729	0.722	0.715	0.709	0.702	0.696	0.689	0.683	0.676	0.669	0.662	0.655
	31	0.778	0.773	0.768	0.763	0.757	0.750	0.744	0.737	0.730	0.723	0.717	0.710	0.703	0.697	0.691	0.684	0.677	0.671	0.664	0.657
	30	0.779	0.774	0.769	0.763	0.758	0.751	0.744	0.738	0.731	0.724	0.718	0.711	0.705	0.698	0.692	0.685	0.679	0.672	0.666	0.658
	29	0.779	0.775	0.770	0.764	0.758	0.752	0.745	0.739	0.732	0.725	0.719	0.712	0.706	0.700	0.693	0.687	0.681	0.674	0.667	0.660
	28	0.780	0.776	0.771	0.765	0.759	0.753	0.746	0.740	0.733	0.727	0.720	0.714	0.707	0.701	0.695	0.689	0.682	0.676	0.669	0.662
	27	0.781	0.776	0.771	0.766	0.760	0.754	0.748	0.741	0.734	0.728	0.721	0.715	0.709	0.703	0.696	0.690	0.684	0.678	0.671	0.664
	26	0.782	0.777	0.772	0.767	0.761	0.755	0.749	0.742	0.736	0.729	0.723	0.717	0.710	0.704	0.698	0.692	0.686	0.680	0.673	0.666
	25	0.783	0.778	0.773	0.768	0.763	0.756	0.750	0.743	0.737	0.731	0.724	0.718	0.712	0.706	0.700	0.694	0.688	0.682	0.675	0.668
	24	0.784	0.779	0.774	0.769	0.764	0.758	0.751	0.745	0.738	0.732	0.726	0.720	0.714	0.708	0.702	0.696	0.690	0.684	0.677	0.671
	23	0.785	0.780	0.776	0.770	0.765	0.759	0.752	0.746	0.740	0.734	0.727	0.721	0.715	0.709	0.704	0.698	0.692	0.686	0.680	0.673
	22	0.786	0.781	0.777	0.772	0.766	0.760	0.754	0.748	0.741	0.735	0.729	0.723	0.717	0.711	0.706	0.700	0.694	0.688	0.682	0.676
	21	0.787	0.782	0.778	0.773	0.767	0.762	0.755	0.749	0.743	0.737	0.731	0.725	0.719	0.713	0.708	0.702	0.696	0.691	0.685	0.678
	20	0.788	0.784	0.779	0.774	0.769	0.763	0.757	0.751	0.744	0.738	0.733	0.727	0.721	0.715	0.710	0.704	0.699	0.693	0.687	0.681
	19	0.789	0.785	0.780	0.775	0.770	0.764	0.758	0.752	0.746	0.740	0.734	0.729	0.723	0.718	0.712	0.707	0.701	0.696	0.690	0.684
	18	0.790	0.786	0.782	0.777	0.772	0.766	0.760	0.754	0.748	0.742	0.736	0.731	0.725	0.720	0.714	0.709	0.704	0.698	0.693	0.687
	17	0.791	0.787	0.783	0.778	0.773	0.768	0.762	0.756	0.750	0.744	0.738	0.733	0.727	0.722	0.717	0.712	0.707	0.701	0.696	0.690
	16	0.793	0.789	0.785	0.780	0.775	0.769	0.763	0.758	0.752	0.746	0.741	0.735	0.730	0.725	0.720	0.714	0.709	0.704	0.699	0.693
	15	0.794	0.790	0.786	0.781	0.777	0.771	0.765	0.760	0.754	0.748	0.743	0.738	0.732	0.727	0.722	0.717	0.712	0.707	0.702	0.697
	14	0.796	0.792	0.788	0.783	0.778	0.773	0.767	0.762	0.756	0.750	0.745	0.740	0.735	0.730	0.725	0.720	0.715	0.711	0.706	0.700
	13	0.797	0.793	0.789	0.785	0.780	0.775	0.769	0.764	0.758	0.753	0.748	0.742	0.737	0.733	0.728	0.723	0.719	0.714	0.709	0.704
	12	0.799	0.795	0.791	0.787	0.782	0.777	0.771	0.766	0.760	0.755	0.750	0.745	0.740	0.736	0.731	0.726	0.722	0.717	0.713	0.708
	11	0.800	0.797	0.793	0.789	0.784	0.779	0.773	0.768	0.763	0.758	0.753	0.748	0.743	0.738	0.734	0.730	0.725	0.721	0.717	0.712
	10	0.802	0.798	0.795	0.790	0.786	0.781	0.776	0.770	0.765	0.760	0.755	0.751	0.746	0.742	0.737	0.733	0.729	0.725	0.720	0.716
	9	0.804	0.800	0.797	0.792	0.788	0.783	0.778	0.773	0.768	0.763	0.758	0.753	0.749	0.745	0.741	0.737	0.733	0.729	0.725	0.720
	8	0.805	0.802	0.798	0.794	0.790	0.785	0.780	0.775	0.770	0.766	0.761	0.756	0.752	0.748	0.744	0.740	0.736	0.733	0.729	0.725
	7	0.807	0.804	0.800	0.797	0.792	0.788	0.783	0.778	0.773	0.768	0.764	0.760	0.755	0.751	0.748	0.744	0.740	0.737	0.733	0.729
	6	0.809	0.806	0.803	0.799	0.795	0.790	0.785	0.780	0.776	0.771	0.767	0.763	0.759	0.755	0.751	0.748	0.744	0.741	0.737	0.734
Beneficiary	5	0.811	0.808	0.805	0.801	0.797	0.793	0.788	0.783	0.779	0.774	0.770	0.766	0.762	0.758	0.755	0.752	0.748	0.745	0.742	0.738
younger	4	0.813	0.810	0.807	0.803	0.799	0.795	0.790	0.786	0.781	0.777	0.773	0.769	0.766	0.762	0.759	0.756	0.753	0.750	0.747	0.743
than	3	0.815	0.812	0.809	0.806	0.802	0.798	0.793	0.789	0.784	0.780	0.776	0.773	0.769	0.766	0.763	0.760	0.757	0.754	0.751	0.748
Retiree	2	0.817	0.814	0.811	0.808	0.804	0.800	0.796	0.792	0.787	0.783	0.780	0.776	0.773	0.770	0.767	0.764	0.761	0.759	0.756	0.753
	1	0.819	0.817	0.814	0.811	0.807	0.803	0.799	0.795	0.791	0.787	0.783	0.780	0.777	0.774	0.771	0.768	0.766	0.763	0.761	0.758
Beneficiary same age as Retiree	**0**	**0.821**	**0.819**	**0.816**	**0.813**	**0.810**	**0.806**	**0.802**	**0.798**	**0.794**	**0.790**	**0.787**	**0.783**	**0.780**	**0.778**	**0.775**	**0.773**	**0.770**	**0.768**	**0.766**	**0.764**

Mortality Table: Blended Disabled Mortality, Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 8b: 100% Joint and Survivor Annuity with Pop-up Feature - Option 2A - Disabled Members

(Factor Multiplied by Option 1 Non-Refund Life Annuity)

	Beneficiary Age Difference	Attained Age at Retirement																			
		40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59
Beneficiary	-1	0.824	0.821	0.819	0.816	0.812	0.809	0.805	0.801	0.797	0.793	0.790	0.787	0.784	0.782	0.779	0.777	0.775	0.773	0.771	0.769
older	-2	0.826	0.824	0.821	0.818	0.815	0.811	0.808	0.804	0.800	0.797	0.794	0.791	0.788	0.786	0.784	0.782	0.780	0.778	0.776	0.774
than	-3	0.828	0.826	0.824	0.821	0.818	0.814	0.811	0.807	0.804	0.800	0.797	0.795	0.792	0.790	0.788	0.786	0.784	0.783	0.781	0.780
Retiree	-4	0.831	0.829	0.826	0.824	0.821	0.817	0.814	0.810	0.807	0.804	0.801	0.798	0.796	0.794	0.792	0.791	0.789	0.788	0.787	0.785
	-5	0.833	0.831	0.829	0.826	0.824	0.820	0.817	0.814	0.810	0.807	0.805	0.802	0.800	0.798	0.797	0.795	0.794	0.793	0.792	0.791
	-6	0.835	0.834	0.832	0.829	0.826	0.823	0.820	0.817	0.814	0.811	0.809	0.806	0.804	0.803	0.801	0.800	0.799	0.798	0.797	0.796
	-7	0.838	0.836	0.834	0.832	0.829	0.827	0.823	0.820	0.817	0.815	0.812	0.810	0.809	0.807	0.806	0.805	0.804	0.803	0.803	0.802
	-8	0.840	0.839	0.837	0.835	0.833	0.830	0.827	0.824	0.821	0.819	0.816	0.814	0.813	0.811	0.810	0.810	0.809	0.808	0.808	0.807
	-9	0.843	0.842	0.840	0.838	0.836	0.833	0.830	0.827	0.825	0.822	0.820	0.819	0.817	0.816	0.815	0.814	0.814	0.814	0.813	0.813
	-10	0.846	0.844	0.843	0.841	0.839	0.836	0.833	0.831	0.828	0.826	0.824	0.823	0.821	0.820	0.820	0.819	0.819	0.819	0.819	0.819
	-11	0.848	0.847	0.846	0.844	0.842	0.840	0.837	0.834	0.832	0.830	0.828	0.827	0.826	0.825	0.824	0.824	0.824	0.824	0.824	0.824
	-12	0.851	0.850	0.849	0.847	0.845	0.843	0.840	0.838	0.836	0.834	0.832	0.831	0.830	0.829	0.829	0.829	0.829	0.829	0.830	0.830
	-13	0.854	0.853	0.852	0.850	0.848	0.846	0.844	0.842	0.840	0.838	0.836	0.835	0.834	0.834	0.834	0.834	0.834	0.835	0.835	0.836
	-14	0.857	0.856	0.855	0.853	0.852	0.850	0.847	0.845	0.843	0.842	0.841	0.840	0.839	0.838	0.838	0.839	0.839	0.840	0.841	0.841
	-15	0.859	0.859	0.858	0.857	0.855	0.853	0.851	0.849	0.847	0.846	0.845	0.844	0.843	0.843	0.843	0.844	0.844	0.845	0.846	0.847
	-16	0.862	0.862	0.861	0.860	0.858	0.857	0.855	0.853	0.851	0.850	0.849	0.848	0.848	0.848	0.848	0.849	0.849	0.850	0.851	0.853
	-17	0.865	0.865	0.864	0.863	0.862	0.860	0.858	0.857	0.855	0.854	0.853	0.852	0.852	0.852	0.853	0.853	0.854	0.856	0.857	0.858
	-18	0.868	0.868	0.867	0.866	0.865	0.864	0.862	0.860	0.859	0.858	0.857	0.857	0.857	0.857	0.858	0.858	0.859	0.861	0.862	0.864
	-19	0.871	0.871	0.870	0.870	0.869	0.867	0.866	0.864	0.863	0.862	0.862	0.861	0.861	0.862	0.862	0.863	0.865	0.866	0.868	0.869
	-20	0.874	0.874	0.874	0.873	0.872	0.871	0.869	0.868	0.867	0.866	0.866	0.866	0.866	0.866	0.867	0.868	0.870	0.871	0.873	0.875
	-21	0.877	0.877	0.877	0.877	0.876	0.875	0.873	0.872	0.871	0.870	0.870	0.870	0.870	0.871	0.872	0.873	0.875	0.876	0.878	0.880
	-22	0.880	0.881	0.880	0.880	0.879	0.878	0.877	0.876	0.875	0.875	0.874	0.874	0.875	0.875	0.877	0.878	0.879	0.881	0.883	0.885
	-23	0.884	0.884	0.884	0.883	0.883	0.882	0.881	0.880	0.879	0.879	0.879	0.879	0.879	0.880	0.881	0.883	0.884	0.886	0.888	0.890
	-24	0.887	0.887	0.887	0.887	0.887	0.886	0.885	0.884	0.883	0.883	0.883	0.883	0.884	0.885	0.886	0.887	0.889	0.891	0.893	0.895
	-25	0.890	0.890	0.891	0.891	0.890	0.890	0.889	0.888	0.887	0.887	0.887	0.887	0.888	0.889	0.890	0.892	0.894	0.896	0.898	0.900
	-26	0.893	0.894	0.894	0.894	0.894	0.893	0.892	0.892	0.891	0.891	0.891	0.892	0.893	0.894	0.895	0.897	0.899	0.901	0.903	0.905
	-27	0.896	0.897	0.897	0.898	0.897	0.897	0.896	0.896	0.895	0.895	0.896	0.896	0.897	0.898	0.900	0.901	0.903	0.906	0.908	0.910
	-28	0.900	0.900	0.901	0.901	0.901	0.901	0.900	0.900	0.899	0.900	0.900	0.900	0.901	0.903	0.904	0.906	0.908	0.910	0.912	0.915
	-29	0.903	0.904	0.904	0.905	0.905	0.905	0.904	0.904	0.903	0.904	0.904	0.905	0.906	0.907	0.908	0.910	0.912	0.915	0.917	0.919
	-30	0.906	0.907	0.908	0.908	0.908	0.908	0.908	0.908	0.908	0.908	0.908	0.909	0.910	0.911	0.913	0.915	0.917	0.919	0.921	0.923
	-31	0.909	0.910	0.911	0.912	0.912	0.912	0.912	0.911	0.911	0.912	0.912	0.913	0.914	0.915	0.917	0.919	0.921	0.923	0.925	0.927
	-32	0.913	0.914	0.915	0.915	0.916	0.916	0.915	0.915	0.915	0.916	0.916	0.917	0.918	0.919	0.921	0.923	0.925	0.927	0.929	0.931
	-33	0.916	0.917	0.918	0.919	0.919	0.920	0.919	0.919	0.919	0.920	0.920	0.921	0.922	0.924	0.925	0.927	0.929	0.931	0.932	0.934
	-34	0.919	0.920	0.922	0.922	0.923	0.923	0.923	0.923	0.923	0.924	0.924	0.925	0.926	0.927	0.929	0.931	0.932	0.934	0.936	0.937
	-35	0.922	0.924	0.925	0.926	0.926	0.927	0.927	0.927	0.927	0.927	0.928	0.929	0.930	0.931	0.933	0.934	0.936	0.937	0.939	0.940
Beneficiary	-36	0.926	0.927	0.928	0.929	0.930	0.930	0.930	0.930	0.931	0.931	0.932	0.933	0.934	0.935	0.936	0.937	0.939	0.940	0.942	0.943
older	-37	0.929	0.930	0.932	0.933	0.933	0.934	0.934	0.934	0.934	0.935	0.935	0.936	0.937	0.938	0.939	0.941	0.942	0.943	0.944	0.946
than	-38	0.932	0.933	0.935	0.936	0.937	0.937	0.937	0.937	0.938	0.938	0.939	0.939	0.940	0.941	0.942	0.943	0.945	0.946	0.947	0.948
Retiree	-39	0.935	0.937	0.938	0.939	0.940	0.941	0.941	0.941	0.941	0.942	0.942	0.943	0.943	0.944	0.945	0.946	0.947	0.948	0.949	0.950
	-40	0.938	0.940	0.941	0.942	0.943	0.944	0.944	0.944	0.944	0.945	0.945	0.946	0.946	0.947	0.948	0.949	0.949	0.950	0.951	0.952

Mortality Table: Blended Disabled Mortality, Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 8b: 100% Joint and Survivor Annuity with Pop-up Feature - Option 2A - Disabled Members

(Factor Multiplied by Option 1 Non-Refund Life Annuity)

	Beneficiary Age Difference	Attained Age at Retirement																			
		40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59
Beneficiary	-41	0.941	0.943	0.944	0.945	0.946	0.947	0.947	0.947	0.947	0.948	0.948	0.948	0.949	0.950	0.950	0.951	0.952	0.952	0.953	0.954
older	-42	0.944	0.945	0.947	0.948	0.949	0.950	0.950	0.950	0.950	0.951	0.951	0.951	0.951	0.952	0.952	0.953	0.953	0.954	0.955	0.955
than	-43	0.947	0.948	0.950	0.951	0.952	0.953	0.953	0.953	0.953	0.953	0.953	0.954	0.954	0.954	0.954	0.955	0.955	0.956	0.956	0.957
Retiree	-44	0.949	0.951	0.953	0.954	0.955	0.955	0.955	0.955	0.955	0.956	0.956	0.956	0.956	0.956	0.956	0.957	0.957	0.957	0.958	0.958
	-45	0.952	0.954	0.955	0.956	0.957	0.958	0.958	0.958	0.958	0.958	0.958	0.958	0.958	0.958	0.958	0.958	0.958	0.959	0.959	0.959
	-46	0.954	0.956	0.958	0.959	0.960	0.960	0.960	0.960	0.960	0.960	0.960	0.960	0.959	0.959	0.960	0.960	0.960	0.960	0.960	0.960
	-47	0.957	0.959	0.960	0.961	0.962	0.963	0.962	0.962	0.962	0.962	0.961	0.961	0.961	0.961	0.961	0.961	0.961	0.961	0.961	0.961
	-48	0.959	0.961	0.962	0.963	0.964	0.965	0.964	0.964	0.964	0.963	0.963	0.963	0.963	0.962	0.962	0.962	0.962	0.962	0.962	0.962
	-49	0.961	0.963	0.964	0.965	0.966	0.966	0.966	0.966	0.965	0.965	0.965	0.964	0.964	0.964	0.964	0.963	0.963	0.963	0.963	0.963
	-50	0.963	0.965	0.966	0.967	0.968	0.968	0.968	0.967	0.967	0.966	0.966	0.966	0.965	0.965	0.965	0.964	0.964	0.964	0.963	0.963
	-51	0.965	0.967	0.968	0.969	0.969	0.970	0.969	0.969	0.968	0.968	0.967	0.967	0.966	0.966	0.966	0.965	0.965	0.964	0.964	0.964
	-52	0.967	0.968	0.970	0.970	0.971	0.971	0.970	0.970	0.969	0.969	0.968	0.968	0.967	0.967	0.966	0.966	0.965	0.965	0.965	
	-53	0.969	0.970	0.971	0.972	0.972	0.972	0.972	0.971	0.971	0.970	0.970	0.969	0.968	0.968	0.967	0.966	0.966	0.965		
	-54	0.970	0.971	0.972	0.973	0.973	0.973	0.973	0.972	0.972	0.971	0.970	0.970	0.969	0.968	0.967	0.967	0.966			
	-55	0.972	0.973	0.974	0.974	0.975	0.975	0.974	0.973	0.973	0.972	0.971	0.970	0.969	0.969	0.968	0.967				
	-56	0.973	0.974	0.975	0.975	0.976	0.976	0.975	0.974	0.974	0.973	0.972	0.971	0.970	0.969	0.968					
	-57	0.974	0.975	0.976	0.976	0.977	0.976	0.976	0.975	0.974	0.973	0.972	0.971	0.970	0.970						
	-58	0.975	0.976	0.977	0.977	0.977	0.977	0.977	0.976	0.975	0.974	0.973	0.972	0.971							
	-59	0.976	0.977	0.977	0.978	0.978	0.978	0.977	0.976	0.975	0.974	0.973	0.972								
	-60	0.977	0.978	0.978	0.979	0.979	0.979	0.978	0.977	0.976	0.975	0.974									
	-61	0.978	0.978	0.979	0.979	0.979	0.979	0.978	0.977	0.976	0.975										
	-62	0.979	0.979	0.980	0.980	0.980	0.979	0.978	0.977	0.977											
	-63	0.979	0.980	0.980	0.980	0.980	0.980	0.979	0.978												
	-64	0.980	0.980	0.981	0.981	0.981	0.980	0.979													
	-65	0.980	0.981	0.981	0.981	0.981	0.980														
	-66	0.981	0.981	0.981	0.981	0.981															
	-67	0.981	0.981	0.982	0.982																
	-68	0.981	0.982	0.982																	
	-69	0.982	0.982																		
	-70	0.982																			
	-71																				
	-72																				
	-73																				
	-74																				
	-75																				
Beneficiary	-76																				
older	-77																				
than	-78																				
Retiree	-79																				
	-80																				

Mortality Table: Blended Disabled Mortality, Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 8b: 100% Joint and Survivor Annuity with Pop-up Feature - Option 2A - Disabled Members

(Factor Multiplied by Option 1 Non-Refund Life Annuity)

	Beneficiary Age Difference	Attained Age at Retirement																			
		40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59
Beneficiary older than Retiree	-81																				
	-82																				
	-83																				
	-84																				
	-85																				
Beneficiary older than Retiree	-86																				
	-87																				
	-88																				
	-89																				
	-90																				

Mortality Table: Blended Disabled Mortality, Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 8b: 100% Joint and Survivor Annuity with Pop-up Feature - Option 2A - Disabled Members

(Factor Multiplied by Option 1 Non-Refund Life Annuity)

	Beneficiary Age Difference	Attained Age at Retirement															
		60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75
Beneficiary	75																
younger	74																0.445
than	73															0.458	0.445
Retiree	72														0.472	0.459	0.446
	71													0.485	0.472	0.459	0.446
	70												0.498	0.485	0.472	0.459	0.446
	69											0.511	0.498	0.485	0.473	0.460	0.447
	68										0.524	0.511	0.499	0.486	0.473	0.460	0.447
	67									0.536	0.524	0.511	0.499	0.486	0.473	0.460	0.447
	66								0.548	0.536	0.524	0.512	0.499	0.487	0.474	0.461	0.448
	65							0.560	0.549	0.537	0.525	0.512	0.500	0.487	0.474	0.461	0.448
	64						0.572	0.561	0.549	0.537	0.525	0.513	0.500	0.487	0.475	0.462	0.449
	63					0.583	0.572	0.561	0.549	0.538	0.525	0.513	0.501	0.488	0.475	0.462	0.449
	62				0.594	0.583	0.572	0.561	0.550	0.538	0.526	0.514	0.501	0.488	0.476	0.463	0.450
	61			0.604	0.594	0.584	0.573	0.562	0.550	0.539	0.526	0.514	0.502	0.489	0.476	0.463	0.451
	60		0.614	0.604	0.594	0.584	0.573	0.562	0.551	0.539	0.527	0.515	0.502	0.490	0.477	0.464	0.451
	59	0.623	0.614	0.605	0.595	0.584	0.574	0.563	0.551	0.540	0.528	0.515	0.503	0.490	0.478	0.465	0.452
	58	0.624	0.615	0.605	0.595	0.585	0.574	0.563	0.552	0.540	0.528	0.516	0.503	0.491	0.478	0.465	0.453
	57	0.624	0.615	0.606	0.596	0.585	0.575	0.564	0.552	0.541	0.529	0.516	0.504	0.492	0.479	0.466	0.453
	56	0.625	0.616	0.606	0.596	0.586	0.575	0.564	0.553	0.541	0.529	0.517	0.505	0.492	0.480	0.467	0.454
	55	0.625	0.616	0.607	0.597	0.587	0.576	0.565	0.554	0.542	0.530	0.518	0.506	0.493	0.480	0.468	0.455
	54	0.626	0.617	0.607	0.597	0.587	0.577	0.566	0.554	0.543	0.531	0.519	0.506	0.494	0.481	0.469	0.456
	53	0.626	0.617	0.608	0.598	0.588	0.577	0.566	0.555	0.543	0.532	0.519	0.507	0.495	0.482	0.469	0.457
	52	0.627	0.618	0.608	0.599	0.588	0.578	0.567	0.556	0.544	0.532	0.520	0.508	0.496	0.483	0.470	0.458
	51	0.627	0.618	0.609	0.599	0.589	0.579	0.568	0.557	0.545	0.533	0.521	0.509	0.496	0.484	0.471	0.459
	50	0.628	0.619	0.610	0.600	0.590	0.580	0.569	0.558	0.546	0.534	0.522	0.510	0.497	0.485	0.472	0.460
	49	0.629	0.620	0.610	0.601	0.591	0.580	0.570	0.558	0.547	0.535	0.523	0.511	0.499	0.486	0.474	0.461
	48	0.629	0.620	0.611	0.602	0.592	0.581	0.570	0.559	0.548	0.536	0.524	0.512	0.500	0.487	0.475	0.462
	47	0.630	0.621	0.612	0.602	0.592	0.582	0.571	0.560	0.549	0.537	0.525	0.513	0.501	0.488	0.476	0.464
	46	0.631	0.622	0.613	0.603	0.593	0.583	0.572	0.561	0.550	0.538	0.526	0.514	0.502	0.490	0.477	0.465
	45	0.632	0.623	0.614	0.604	0.594	0.584	0.573	0.562	0.551	0.539	0.528	0.516	0.503	0.491	0.479	0.466
	44	0.633	0.624	0.615	0.605	0.595	0.585	0.575	0.564	0.552	0.541	0.529	0.517	0.505	0.493	0.480	0.468
	43	0.633	0.625	0.616	0.606	0.597	0.586	0.576	0.565	0.554	0.542	0.530	0.518	0.506	0.494	0.482	0.469
	42	0.634	0.626	0.617	0.607	0.598	0.588	0.577	0.566	0.555	0.543	0.532	0.520	0.508	0.496	0.483	0.471
	41	0.635	0.627	0.618	0.609	0.599	0.589	0.578	0.568	0.556	0.545	0.533	0.521	0.509	0.497	0.485	0.473
Beneficiary	40	0.637	0.628	0.619	0.610	0.600	0.590	0.580	0.569	0.558	0.546	0.535	0.523	0.511	0.499	0.487	0.475
younger	39	0.638	0.629	0.620	0.611	0.602	0.592	0.581	0.570	0.559	0.548	0.536	0.525	0.513	0.501	0.489	0.477
than	38	0.639	0.630	0.622	0.613	0.603	0.593	0.583	0.572	0.561	0.550	0.538	0.527	0.515	0.503	0.491	0.479
Retiree	37	0.640	0.632	0.623	0.614	0.604	0.595	0.584	0.574	0.563	0.552	0.540	0.529	0.517	0.505	0.493	0.481
	36	0.641	0.633	0.625	0.615	0.606	0.596	0.586	0.576	0.565	0.553	0.542	0.531	0.519	0.507	0.495	0.483

Mortality Table: Blended Disabled Mortality, Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 8b: 100% Joint and Survivor Annuity with Pop-up Feature - Option 2A - Disabled Members

(Factor Multiplied by Option 1 Non-Refund Life Annuity)

	Beneficiary Age Difference	Attained Age at Retirement															
		60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75
	35	0.643	0.635	0.626	0.617	0.608	0.598	0.588	0.577	0.567	0.555	0.544	0.533	0.521	0.509	0.498	0.486
	34	0.644	0.636	0.628	0.619	0.609	0.600	0.590	0.579	0.569	0.558	0.546	0.535	0.523	0.512	0.500	0.488
	33	0.646	0.638	0.629	0.620	0.611	0.602	0.592	0.581	0.571	0.560	0.549	0.537	0.526	0.514	0.503	0.491
	32	0.648	0.640	0.631	0.622	0.613	0.604	0.594	0.584	0.573	0.562	0.551	0.540	0.529	0.517	0.506	0.494
	31	0.649	0.641	0.633	0.624	0.615	0.606	0.596	0.586	0.575	0.565	0.554	0.543	0.531	0.520	0.509	0.497
	30	0.651	0.643	0.635	0.626	0.617	0.608	0.598	0.588	0.578	0.567	0.556	0.545	0.534	0.523	0.512	0.500
	29	0.653	0.645	0.637	0.628	0.620	0.610	0.601	0.591	0.581	0.570	0.559	0.548	0.537	0.526	0.515	0.504
	28	0.655	0.647	0.639	0.631	0.622	0.613	0.603	0.593	0.583	0.573	0.562	0.551	0.540	0.529	0.518	0.507
	27	0.657	0.649	0.641	0.633	0.624	0.615	0.606	0.596	0.586	0.576	0.565	0.555	0.544	0.533	0.522	0.511
	26	0.659	0.652	0.644	0.636	0.627	0.618	0.609	0.599	0.589	0.579	0.569	0.558	0.547	0.537	0.526	0.515
	25	0.661	0.654	0.646	0.638	0.630	0.621	0.612	0.602	0.593	0.582	0.572	0.562	0.551	0.541	0.530	0.519
	24	0.664	0.657	0.649	0.641	0.633	0.624	0.615	0.606	0.596	0.586	0.576	0.566	0.555	0.545	0.534	0.524
	23	0.666	0.659	0.652	0.644	0.636	0.627	0.618	0.609	0.599	0.590	0.580	0.570	0.559	0.549	0.539	0.528
	22	0.669	0.662	0.655	0.647	0.639	0.630	0.622	0.613	0.603	0.593	0.584	0.574	0.564	0.554	0.543	0.533
	21	0.672	0.665	0.658	0.650	0.642	0.634	0.625	0.616	0.607	0.598	0.588	0.578	0.568	0.558	0.548	0.538
	20	0.675	0.668	0.661	0.653	0.646	0.637	0.629	0.620	0.611	0.602	0.592	0.583	0.573	0.563	0.553	0.544
	19	0.678	0.671	0.664	0.657	0.649	0.641	0.633	0.624	0.615	0.606	0.597	0.588	0.578	0.569	0.559	0.549
	18	0.681	0.674	0.668	0.660	0.653	0.645	0.637	0.629	0.620	0.611	0.602	0.593	0.583	0.574	0.565	0.555
	17	0.684	0.678	0.671	0.664	0.657	0.649	0.641	0.633	0.625	0.616	0.607	0.598	0.589	0.580	0.571	0.561
	16	0.688	0.682	0.675	0.668	0.661	0.654	0.646	0.638	0.630	0.621	0.612	0.603	0.595	0.586	0.577	0.568
	15	0.691	0.685	0.679	0.672	0.665	0.658	0.651	0.643	0.635	0.626	0.618	0.609	0.601	0.592	0.583	0.575
	14	0.695	0.689	0.683	0.677	0.670	0.663	0.655	0.648	0.640	0.632	0.624	0.615	0.607	0.598	0.590	0.582
	13	0.699	0.693	0.687	0.681	0.674	0.668	0.661	0.653	0.645	0.638	0.630	0.621	0.613	0.605	0.597	0.589
	12	0.703	0.697	0.692	0.686	0.679	0.673	0.666	0.659	0.651	0.644	0.636	0.628	0.620	0.612	0.604	0.596
	11	0.707	0.702	0.696	0.690	0.684	0.678	0.671	0.664	0.657	0.650	0.642	0.635	0.627	0.619	0.612	0.604
	10	0.711	0.706	0.701	0.695	0.689	0.683	0.677	0.670	0.663	0.656	0.649	0.642	0.634	0.627	0.620	0.612
	9	0.716	0.711	0.706	0.700	0.695	0.689	0.683	0.676	0.670	0.663	0.656	0.649	0.642	0.635	0.628	0.621
	8	0.720	0.716	0.711	0.706	0.700	0.695	0.689	0.683	0.676	0.670	0.663	0.656	0.649	0.643	0.636	0.629
	7	0.725	0.721	0.716	0.711	0.706	0.701	0.695	0.689	0.683	0.676	0.670	0.664	0.657	0.651	0.644	0.638
	6	0.730	0.726	0.721	0.717	0.712	0.707	0.701	0.696	0.690	0.684	0.678	0.671	0.665	0.659	0.653	0.647
Beneficiary	5	0.735	0.731	0.727	0.722	0.718	0.713	0.708	0.702	0.697	0.691	0.685	0.679	0.673	0.668	0.662	0.656
younger	4	0.740	0.736	0.732	0.728	0.724	0.719	0.714	0.709	0.704	0.698	0.693	0.687	0.682	0.677	0.671	0.666
than	3	0.745	0.742	0.738	0.734	0.730	0.726	0.721	0.716	0.711	0.706	0.701	0.696	0.691	0.685	0.680	0.676
Retiree	2	0.750	0.747	0.744	0.740	0.736	0.732	0.728	0.723	0.719	0.714	0.709	0.704	0.699	0.695	0.690	0.685
	1	0.756	0.753	0.750	0.746	0.743	0.739	0.735	0.731	0.726	0.722	0.717	0.713	0.708	0.704	0.700	0.695
Beneficiary same age as Retiree	**0**	**0.761**	**0.759**	**0.756**	**0.752**	**0.749**	**0.746**	**0.742**	**0.738**	**0.734**	**0.730**	**0.725**	**0.721**	**0.717**	**0.713**	**0.709**	**0.705**

Mortality Table: Blended Disabled Mortality, Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 8b: 100% Joint and Survivor Annuity with Pop-up Feature - Option 2A - Disabled Members

(Factor Multiplied by Option 1 Non-Refund Life Annuity)

	Beneficiary Age Difference	Attained Age at Retirement															
		60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75
Beneficiary	-1	0.767	0.764	0.762	0.759	0.756	0.752	0.749	0.745	0.742	0.738	0.734	0.730	0.726	0.723	0.719	0.716
older	-2	0.772	0.770	0.768	0.765	0.762	0.759	0.756	0.753	0.749	0.746	0.742	0.739	0.735	0.732	0.729	0.726
than	-3	0.778	0.776	0.774	0.771	0.769	0.766	0.763	0.760	0.757	0.754	0.751	0.748	0.744	0.742	0.739	0.736
Retiree	-4	0.784	0.782	0.780	0.778	0.776	0.773	0.771	0.768	0.765	0.762	0.759	0.756	0.754	0.751	0.749	0.746
	-5	0.789	0.788	0.786	0.784	0.782	0.780	0.778	0.776	0.773	0.770	0.768	0.765	0.763	0.761	0.759	0.757
	-6	0.795	0.794	0.793	0.791	0.789	0.787	0.785	0.783	0.781	0.779	0.776	0.774	0.772	0.770	0.768	0.767
	-7	0.801	0.800	0.799	0.798	0.796	0.795	0.793	0.791	0.789	0.787	0.785	0.783	0.781	0.780	0.778	0.777
	-8	0.807	0.806	0.805	0.804	0.803	0.802	0.800	0.799	0.797	0.795	0.794	0.792	0.790	0.789	0.788	0.787
	-9	0.813	0.812	0.812	0.811	0.810	0.809	0.808	0.806	0.805	0.803	0.802	0.801	0.799	0.798	0.797	0.797
	-10	0.819	0.818	0.818	0.817	0.817	0.816	0.815	0.814	0.813	0.812	0.810	0.809	0.808	0.808	0.807	0.806
	-11	0.824	0.824	0.824	0.824	0.823	0.823	0.822	0.822	0.821	0.820	0.819	0.818	0.817	0.817	0.816	0.816
	-12	0.830	0.830	0.831	0.830	0.830	0.830	0.830	0.829	0.828	0.828	0.827	0.826	0.826	0.825	0.825	0.825
	-13	0.836	0.837	0.837	0.837	0.837	0.837	0.837	0.836	0.836	0.836	0.835	0.835	0.834	0.834	0.834	0.834
	-14	0.842	0.843	0.843	0.843	0.844	0.844	0.844	0.844	0.844	0.843	0.843	0.843	0.843	0.842	0.842	0.842
	-15	0.848	0.849	0.849	0.850	0.850	0.851	0.851	0.851	0.851	0.851	0.851	0.851	0.851	0.850	0.850	0.850
	-16	0.854	0.855	0.855	0.856	0.857	0.857	0.858	0.858	0.858	0.858	0.858	0.858	0.858	0.858	0.858	0.857
	-17	0.859	0.861	0.862	0.862	0.863	0.864	0.865	0.865	0.865	0.866	0.866	0.866	0.866	0.865	0.865	0.865
	-18	0.865	0.866	0.868	0.869	0.870	0.870	0.871	0.872	0.872	0.872	0.873	0.873	0.872	0.872	0.872	0.871
	-19	0.871	0.872	0.874	0.875	0.876	0.877	0.878	0.878	0.879	0.879	0.879	0.879	0.879	0.879	0.878	0.877
	-20	0.876	0.878	0.879	0.881	0.882	0.883	0.884	0.885	0.885	0.885	0.886	0.885	0.885	0.885	0.884	0.883
	-21	0.882	0.883	0.885	0.886	0.888	0.889	0.890	0.891	0.891	0.891	0.891	0.891	0.891	0.890	0.889	0.888
	-22	0.887	0.889	0.891	0.892	0.894	0.895	0.896	0.897	0.897	0.897	0.897	0.897	0.896	0.895	0.894	0.893
	-23	0.892	0.894	0.896	0.898	0.899	0.900	0.901	0.902	0.902	0.902	0.902	0.902	0.901	0.900	0.899	0.897
	-24	0.898	0.899	0.901	0.903	0.904	0.906	0.906	0.907	0.907	0.907	0.907	0.906	0.905	0.904	0.903	0.901
	-25	0.903	0.905	0.906	0.908	0.909	0.910	0.911	0.912	0.912	0.912	0.911	0.911	0.909	0.908	0.906	0.905
	-26	0.907	0.909	0.911	0.913	0.914	0.915	0.916	0.916	0.916	0.916	0.915	0.914	0.913	0.911	0.910	0.908
	-27	0.912	0.914	0.916	0.917	0.919	0.919	0.920	0.920	0.920	0.920	0.919	0.918	0.916	0.915	0.913	0.911
	-28	0.917	0.919	0.920	0.922	0.923	0.924	0.924	0.924	0.924	0.923	0.922	0.921	0.920	0.918	0.916	0.914
	-29	0.921	0.923	0.924	0.926	0.927	0.927	0.928	0.928	0.927	0.926	0.925	0.924	0.923	0.921	0.919	0.917
	-30	0.925	0.927	0.928	0.929	0.930	0.931	0.931	0.931	0.930	0.929	0.928	0.927	0.925	0.923	0.921	0.919
	-31	0.929	0.930	0.932	0.933	0.933	0.934	0.934	0.934	0.933	0.932	0.931	0.929	0.928	0.926	0.923	0.920
	-32	0.932	0.934	0.935	0.936	0.936	0.937	0.936	0.936	0.935	0.934	0.933	0.932	0.930	0.927	0.925	0.922
	-33	0.936	0.937	0.938	0.939	0.939	0.939	0.939	0.939	0.938	0.937	0.935	0.934	0.932	0.929	0.926	0.923
	-34	0.939	0.940	0.941	0.941	0.941	0.942	0.941	0.941	0.940	0.939	0.937	0.935	0.933	0.930	0.927	0.924
	-35	0.942	0.943	0.943	0.944	0.944	0.944	0.944	0.943	0.942	0.941	0.939	0.937	0.934	0.931	0.928	0.925
Beneficiary	-36	0.944	0.945	0.946	0.946	0.946	0.946	0.946	0.945	0.944	0.942	0.940	0.938	0.935	0.933	0.930	
older	-37	0.946	0.947	0.948	0.948	0.948	0.948	0.947	0.946	0.945	0.943	0.941	0.939	0.936	0.934		
than	-38	0.949	0.949	0.950	0.950	0.950	0.949	0.949	0.948	0.946	0.944	0.942	0.940	0.937			
Retiree	-39	0.951	0.951	0.951	0.952	0.951	0.951	0.950	0.949	0.947	0.945	0.943	0.941				
	-40	0.952	0.953	0.953	0.953	0.953	0.952	0.951	0.950	0.948	0.946	0.944					

Mortality Table: Blended Disabled Mortality, Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 8b: 100% Joint and Survivor Annuity with Pop-up Feature - Option 2A - Disabled Members

(Factor Multiplied by Option 1 Non-Refund Life Annuity)

	Beneficiary Age Difference	Attained Age at Retirement															
		60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75
Beneficiary	-41	0.954	0.955	0.955	0.954	0.954	0.953	0.952	0.951	0.949	0.947						
older	-42	0.956	0.956	0.956	0.956	0.955	0.954	0.953	0.951	0.950							
than	-43	0.957	0.957	0.957	0.956	0.956	0.955	0.954	0.952								
Retiree	-44	0.958	0.958	0.958	0.957	0.956	0.955	0.954									
	-45	0.959	0.959	0.959	0.958	0.957	0.956										
	-46	0.960	0.960	0.959	0.959	0.958											
	-47	0.961	0.961	0.960	0.959												
	-48	0.962	0.961	0.961													
	-49	0.962	0.962														
	-50	0.963															
	-51																
	-52																
	-53																
	-54																
	-55																
	-56																
	-57																
	-58																
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	-65																
	-66																
	-67																
	-68																
	-69																
	-70																
	-71																
	-72																
	-73																
	-74																
	-75																
Beneficiary	-76																
older	-77																
than	-78																
Retiree	-79																
	-80																

Mortality Table: Blended Disabled Mortality, Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 8b: 100% Joint and Survivor Annuity with Pop-up Feature - Option 2A - Disabled Members

(Factor Multiplied by Option 1 Non-Refund Life Annuity)

	Beneficiary Age Difference	Attained Age at Retirement															
		60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75
Beneficiary older than Retiree	-81																
	-82																
	-83																
	-84																
	-85																
Beneficiary older than Retiree	-86																
	-87																
	-88																
	-89																
	-90																

Mortality Table: Blended Disabled Mortality, Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 9a: 50% Joint and Survivor Annuity with Pop-up Feature - Option 3A - Healthy Members

(Factor Multiplied by Option 1 Non-Refund Life Annuity)

	Beneficiary Age Difference	Attained Age at Retirement																			
		45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
Beneficiary	100																				
younger	99																				
than	98																				
Retiree	97																				
	96																				
	95																				
	94																				
	93																				
	92																				
	91																				
	90																				
	89																				
	88																				
	87																				
	86																				
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	79																				
	78																				
	77																				
	76																				
	75																				
	74																				
	73																				
	72																				
	71																				
	70																				
	69																				
	68																				
	67																				
	66																				
Beneficiary	65																				
younger	64																				
than	63																				0.812
Retiree	62																			0.822	0.812
	61																		0.832	0.822	0.813

Mortality Table: Blended Healthy Mortality, Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 9a: 50% Joint and Survivor Annuity with Pop-up Feature - Option 3A - Healthy Members

(Factor Multiplied by Option 1 Non-Refund Life Annuity)

	Beneficiary Age Difference	Attained Age at Retirement																			
		45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
Beneficiary	60																	0.841	0.832	0.823	0.813
younger	59																0.849	0.841	0.832	0.823	0.813
than	58															0.858	0.850	0.841	0.833	0.823	0.814
Retiree	57														0.865	0.858	0.850	0.842	0.833	0.824	0.814
	56													0.873	0.866	0.858	0.850	0.842	0.833	0.824	0.815
	55												0.880	0.873	0.866	0.859	0.851	0.842	0.834	0.825	0.815
	54											0.886	0.880	0.873	0.866	0.859	0.851	0.843	0.834	0.825	0.816
	53										0.893	0.887	0.880	0.874	0.867	0.859	0.851	0.843	0.835	0.826	0.816
	52									0.899	0.893	0.887	0.881	0.874	0.867	0.860	0.852	0.844	0.835	0.826	0.817
	51								0.904	0.899	0.893	0.887	0.881	0.874	0.868	0.860	0.852	0.844	0.836	0.827	0.817
	50							0.910	0.905	0.899	0.894	0.888	0.881	0.875	0.868	0.861	0.853	0.845	0.836	0.827	0.818
	49						0.915	0.910	0.905	0.900	0.894	0.888	0.882	0.875	0.868	0.861	0.853	0.845	0.837	0.828	0.818
	48					0.919	0.915	0.910	0.905	0.900	0.894	0.889	0.882	0.876	0.869	0.862	0.854	0.846	0.837	0.828	0.819
	47				0.924	0.920	0.915	0.911	0.906	0.900	0.895	0.889	0.883	0.876	0.869	0.862	0.855	0.846	0.838	0.829	0.820
	46			0.928	0.924	0.920	0.916	0.911	0.906	0.901	0.895	0.889	0.883	0.877	0.870	0.863	0.855	0.847	0.839	0.830	0.821
	45		0.932	0.929	0.925	0.920	0.916	0.911	0.906	0.901	0.896	0.890	0.884	0.877	0.871	0.863	0.856	0.848	0.839	0.831	0.821
	44	0.936	0.933	0.929	0.925	0.921	0.916	0.912	0.907	0.902	0.896	0.890	0.884	0.878	0.871	0.864	0.856	0.848	0.840	0.831	0.822
	43	0.936	0.933	0.929	0.925	0.921	0.917	0.912	0.907	0.902	0.897	0.891	0.885	0.878	0.872	0.865	0.857	0.849	0.841	0.832	0.823
	42	0.937	0.933	0.930	0.926	0.922	0.917	0.913	0.908	0.903	0.897	0.892	0.885	0.879	0.872	0.865	0.858	0.850	0.842	0.833	0.824
	41	0.937	0.934	0.930	0.926	0.922	0.918	0.913	0.908	0.903	0.898	0.892	0.886	0.880	0.873	0.866	0.859	0.851	0.843	0.834	0.825
	40	0.937	0.934	0.930	0.926	0.922	0.918	0.914	0.909	0.904	0.898	0.893	0.887	0.880	0.874	0.867	0.859	0.852	0.843	0.835	0.826
	39	0.938	0.934	0.931	0.927	0.923	0.919	0.914	0.909	0.904	0.899	0.893	0.887	0.881	0.875	0.868	0.860	0.853	0.844	0.836	0.827
	38	0.938	0.935	0.931	0.927	0.923	0.919	0.915	0.910	0.905	0.900	0.894	0.888	0.882	0.875	0.868	0.861	0.854	0.845	0.837	0.828
	37	0.939	0.935	0.932	0.928	0.924	0.920	0.915	0.911	0.906	0.900	0.895	0.889	0.883	0.876	0.869	0.862	0.855	0.846	0.838	0.829
	36	0.939	0.936	0.932	0.928	0.924	0.920	0.916	0.911	0.906	0.901	0.896	0.890	0.884	0.877	0.870	0.863	0.856	0.848	0.839	0.831
	35	0.939	0.936	0.933	0.929	0.925	0.921	0.916	0.912	0.907	0.902	0.896	0.891	0.884	0.878	0.871	0.864	0.857	0.849	0.840	0.832
	34	0.940	0.937	0.933	0.929	0.926	0.921	0.917	0.912	0.908	0.903	0.897	0.891	0.885	0.879	0.872	0.865	0.858	0.850	0.842	0.833
	33	0.940	0.937	0.934	0.930	0.926	0.922	0.918	0.913	0.908	0.903	0.898	0.892	0.886	0.880	0.873	0.866	0.859	0.851	0.843	0.835
	32	0.941	0.938	0.934	0.931	0.927	0.923	0.918	0.914	0.909	0.904	0.899	0.893	0.887	0.881	0.875	0.868	0.860	0.853	0.845	0.836
	31	0.941	0.938	0.935	0.931	0.927	0.923	0.919	0.915	0.910	0.905	0.900	0.894	0.888	0.882	0.876	0.869	0.862	0.854	0.846	0.838
	30	0.942	0.939	0.935	0.932	0.928	0.924	0.920	0.916	0.911	0.906	0.901	0.895	0.889	0.883	0.877	0.870	0.863	0.855	0.848	0.839
	29	0.942	0.939	0.936	0.933	0.929	0.925	0.921	0.916	0.912	0.907	0.902	0.896	0.891	0.885	0.878	0.872	0.864	0.857	0.849	0.841
	28	0.943	0.940	0.937	0.933	0.930	0.926	0.922	0.917	0.913	0.908	0.903	0.898	0.892	0.886	0.880	0.873	0.866	0.859	0.851	0.843
	27	0.944	0.941	0.937	0.934	0.930	0.927	0.923	0.918	0.914	0.909	0.904	0.899	0.893	0.887	0.881	0.874	0.868	0.860	0.853	0.845
	26	0.944	0.941	0.938	0.935	0.931	0.928	0.924	0.919	0.915	0.910	0.905	0.900	0.894	0.889	0.882	0.876	0.869	0.862	0.854	0.847
Beneficiary	25	0.945	0.942	0.939	0.936	0.932	0.928	0.924	0.920	0.916	0.911	0.906	0.901	0.896	0.890	0.884	0.878	0.871	0.864	0.856	0.849
younger	24	0.946	0.943	0.940	0.937	0.933	0.929	0.926	0.921	0.917	0.913	0.908	0.903	0.897	0.892	0.886	0.879	0.873	0.866	0.858	0.851
than	23	0.947	0.944	0.941	0.937	0.934	0.930	0.927	0.923	0.918	0.914	0.909	0.904	0.899	0.893	0.887	0.881	0.875	0.868	0.860	0.853
Retiree	22	0.947	0.944	0.941	0.938	0.935	0.931	0.928	0.924	0.920	0.915	0.910	0.905	0.900	0.895	0.889	0.883	0.876	0.870	0.863	0.855
	21	0.948	0.945	0.942	0.939	0.936	0.933	0.929	0.925	0.921	0.916	0.912	0.907	0.902	0.896	0.891	0.885	0.879	0.872	0.865	0.858

Mortality Table: Blended Healthy Mortality, Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 9a: 50% Joint and Survivor Annuity with Pop-up Feature - Option 3A - Healthy Members

(Factor Multiplied by Option 1 Non-Refund Life Annuity)

	Beneficiary Age Difference	Attained Age at Retirement																			
		45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
	20	0.949	0.946	0.943	0.940	0.937	0.934	0.930	0.926	0.922	0.918	0.913	0.909	0.904	0.898	0.893	0.887	0.881	0.874	0.867	0.860
	19	0.950	0.947	0.944	0.941	0.938	0.935	0.931	0.927	0.924	0.919	0.915	0.910	0.905	0.900	0.895	0.889	0.883	0.876	0.870	0.863
	18	0.951	0.948	0.945	0.942	0.939	0.936	0.932	0.929	0.925	0.921	0.916	0.912	0.907	0.902	0.897	0.891	0.885	0.879	0.872	0.865
	17	0.952	0.949	0.946	0.943	0.940	0.937	0.934	0.930	0.926	0.922	0.918	0.914	0.909	0.904	0.899	0.893	0.887	0.881	0.875	0.868
	16	0.953	0.950	0.947	0.945	0.942	0.939	0.935	0.932	0.928	0.924	0.920	0.915	0.911	0.906	0.901	0.895	0.890	0.884	0.878	0.871
	15	0.954	0.951	0.949	0.946	0.943	0.940	0.937	0.933	0.929	0.926	0.922	0.917	0.913	0.908	0.903	0.898	0.892	0.886	0.880	0.874
	14	0.955	0.952	0.950	0.947	0.944	0.941	0.938	0.935	0.931	0.927	0.923	0.919	0.915	0.910	0.905	0.900	0.895	0.889	0.883	0.877
	13	0.956	0.953	0.951	0.948	0.945	0.943	0.939	0.936	0.933	0.929	0.925	0.921	0.917	0.912	0.908	0.903	0.897	0.892	0.886	0.880
	12	0.957	0.954	0.952	0.950	0.947	0.944	0.941	0.938	0.934	0.931	0.927	0.923	0.919	0.915	0.910	0.905	0.900	0.895	0.889	0.883
	11	0.958	0.956	0.953	0.951	0.948	0.945	0.943	0.939	0.936	0.933	0.929	0.925	0.921	0.917	0.913	0.908	0.903	0.898	0.892	0.886
	10	0.959	0.957	0.955	0.952	0.950	0.947	0.944	0.941	0.938	0.935	0.931	0.927	0.923	0.919	0.915	0.910	0.906	0.901	0.895	0.890
	9	0.960	0.958	0.956	0.953	0.951	0.948	0.946	0.943	0.940	0.937	0.933	0.929	0.926	0.922	0.918	0.913	0.908	0.904	0.898	0.893
	8	0.961	0.959	0.957	0.955	0.952	0.950	0.947	0.944	0.942	0.938	0.935	0.932	0.928	0.924	0.920	0.916	0.911	0.907	0.902	0.897
	7	0.962	0.960	0.958	0.956	0.954	0.952	0.949	0.946	0.943	0.940	0.937	0.934	0.930	0.927	0.923	0.919	0.914	0.910	0.905	0.900
	6	0.964	0.962	0.960	0.958	0.955	0.953	0.951	0.948	0.945	0.942	0.939	0.936	0.933	0.929	0.925	0.921	0.917	0.913	0.908	0.903
Beneficiary	5	0.965	0.963	0.961	0.959	0.957	0.955	0.952	0.950	0.947	0.944	0.941	0.938	0.935	0.932	0.928	0.924	0.920	0.916	0.911	0.907
younger	4	0.966	0.964	0.962	0.960	0.958	0.956	0.954	0.951	0.949	0.946	0.943	0.940	0.937	0.934	0.931	0.927	0.923	0.919	0.915	0.910
than	3	0.967	0.965	0.964	0.962	0.960	0.958	0.956	0.953	0.951	0.948	0.946	0.943	0.940	0.936	0.933	0.930	0.926	0.922	0.918	0.914
Retiree	2	0.968	0.967	0.965	0.963	0.961	0.959	0.957	0.955	0.953	0.950	0.948	0.945	0.942	0.939	0.936	0.932	0.929	0.925	0.921	0.917
	1	0.969	0.968	0.966	0.965	0.963	0.961	0.959	0.957	0.955	0.952	0.950	0.947	0.944	0.941	0.938	0.935	0.932	0.928	0.925	0.921
Beneficiary same age as Retiree	**0**	**0.971**	**0.969**	**0.968**	**0.966**	**0.964**	**0.962**	**0.960**	**0.958**	**0.956**	**0.954**	**0.952**	**0.949**	**0.947**	**0.944**	**0.941**	**0.938**	**0.935**	**0.931**	**0.928**	**0.924**
Beneficiary	-1	0.972	0.970	0.969	0.967	0.966	0.964	0.962	0.960	0.958	0.956	0.954	0.951	0.949	0.946	0.943	0.941	0.938	0.934	0.931	0.928
older	-2	0.973	0.971	0.970	0.969	0.967	0.965	0.964	0.962	0.960	0.958	0.956	0.953	0.951	0.949	0.946	0.943	0.940	0.937	0.934	0.931
than	-3	0.974	0.973	0.971	0.970	0.968	0.967	0.965	0.963	0.962	0.960	0.958	0.955	0.953	0.951	0.948	0.946	0.943	0.940	0.937	0.934
Retiree	-4	0.975	0.974	0.972	0.971	0.970	0.968	0.967	0.965	0.963	0.961	0.960	0.958	0.955	0.953	0.951	0.948	0.946	0.943	0.940	0.937
	-5	0.976	0.975	0.974	0.972	0.971	0.970	0.968	0.967	0.965	0.963	0.961	0.959	0.957	0.955	0.953	0.951	0.948	0.946	0.943	0.940
	-6	0.977	0.976	0.975	0.974	0.972	0.971	0.970	0.968	0.967	0.965	0.963	0.961	0.959	0.957	0.955	0.953	0.951	0.948	0.946	0.943
	-7	0.978	0.977	0.976	0.975	0.974	0.972	0.971	0.970	0.968	0.967	0.965	0.963	0.961	0.960	0.958	0.956	0.953	0.951	0.949	0.946
	-8	0.979	0.978	0.977	0.976	0.975	0.974	0.972	0.971	0.970	0.968	0.967	0.965	0.963	0.962	0.960	0.958	0.956	0.954	0.951	0.949
	-9	0.980	0.979	0.978	0.977	0.976	0.975	0.974	0.972	0.971	0.970	0.968	0.967	0.965	0.964	0.962	0.960	0.958	0.956	0.954	0.952
	-10	0.981	0.980	0.979	0.978	0.977	0.976	0.975	0.974	0.973	0.971	0.970	0.969	0.967	0.965	0.964	0.962	0.960	0.958	0.956	0.954
	-11	0.982	0.981	0.980	0.979	0.978	0.977	0.976	0.975	0.974	0.973	0.972	0.970	0.969	0.967	0.966	0.964	0.962	0.961	0.959	0.957
	-12	0.983	0.982	0.981	0.980	0.979	0.978	0.977	0.976	0.975	0.974	0.973	0.972	0.970	0.969	0.968	0.966	0.965	0.963	0.961	0.959
	-13	0.983	0.983	0.982	0.981	0.980	0.979	0.979	0.978	0.977	0.976	0.974	0.973	0.972	0.971	0.969	0.968	0.967	0.965	0.963	0.962
	-14	0.984	0.984	0.983	0.982	0.981	0.981	0.980	0.979	0.978	0.977	0.976	0.975	0.974	0.972	0.971	0.970	0.968	0.967	0.966	0.964
	-15	0.985	0.984	0.984	0.983	0.982	0.982	0.981	0.980	0.979	0.978	0.977	0.976	0.975	0.974	0.973	0.972	0.970	0.969	0.968	0.966

Mortality Table: Blended Healthy Mortality, Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 9a: 50% Joint and Survivor Annuity with Pop-up Feature - Option 3A - Healthy Members

(Factor Multiplied by Option 1 Non-Refund Life Annuity)

	Beneficiary Age Difference	Attained Age at Retirement																			
		45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
Beneficiary	-16	0.986	0.985	0.985	0.984	0.983	0.983	0.982	0.981	0.980	0.979	0.978	0.978	0.977	0.976	0.974	0.973	0.972	0.971	0.970	0.968
older	-17	0.986	0.986	0.985	0.985	0.984	0.983	0.983	0.982	0.981	0.981	0.980	0.979	0.978	0.977	0.976	0.975	0.974	0.973	0.972	0.970
than	-18	0.987	0.987	0.986	0.986	0.985	0.984	0.984	0.983	0.982	0.982	0.981	0.980	0.979	0.978	0.977	0.976	0.975	0.974	0.973	0.972
Retiree	-19	0.988	0.987	0.987	0.986	0.986	0.985	0.985	0.984	0.983	0.983	0.982	0.981	0.980	0.980	0.979	0.978	0.977	0.976	0.975	0.974
	-20	0.988	0.988	0.988	0.987	0.987	0.986	0.986	0.985	0.984	0.984	0.983	0.982	0.982	0.981	0.980	0.979	0.978	0.978	0.977	0.976
	-21	0.989	0.989	0.988	0.988	0.987	0.987	0.986	0.986	0.985	0.985	0.984	0.983	0.983	0.982	0.981	0.981	0.980	0.979	0.978	0.977
	-22	0.990	0.989	0.989	0.988	0.988	0.988	0.987	0.987	0.986	0.986	0.985	0.985	0.984	0.983	0.983	0.982	0.981	0.980	0.980	0.979
	-23	0.990	0.990	0.989	0.989	0.989	0.988	0.988	0.987	0.987	0.987	0.986	0.985	0.985	0.984	0.984	0.983	0.982	0.982	0.981	0.980
	-24	0.991	0.990	0.990	0.990	0.989	0.989	0.989	0.988	0.988	0.987	0.987	0.986	0.986	0.985	0.985	0.984	0.984	0.983	0.982	0.982
	-25	0.991	0.991	0.991	0.990	0.990	0.990	0.989	0.989	0.989	0.988	0.988	0.987	0.987	0.986	0.986	0.985	0.985	0.984	0.983	0.983
	-26	0.992	0.991	0.991	0.991	0.991	0.990	0.990	0.990	0.989	0.989	0.989	0.988	0.988	0.987	0.987	0.986	0.986	0.985	0.985	0.984
	-27	0.992	0.992	0.992	0.991	0.991	0.991	0.991	0.990	0.990	0.990	0.989	0.989	0.989	0.988	0.988	0.987	0.987	0.986	0.986	0.985
	-28	0.993	0.992	0.992	0.992	0.992	0.991	0.991	0.991	0.991	0.990	0.990	0.990	0.989	0.989	0.989	0.988	0.988	0.987	0.986	0.986
	-29	0.993	0.993	0.993	0.992	0.992	0.992	0.992	0.992	0.991	0.991	0.991	0.990	0.990	0.990	0.989	0.989	0.988	0.988	0.987	0.987
	-30	0.993	0.993	0.993	0.993	0.993	0.993	0.992	0.992	0.992	0.992	0.991	0.991	0.991	0.990	0.990	0.990	0.989	0.989	0.988	0.987
	-31	0.994	0.994	0.994	0.993	0.993	0.993	0.993	0.993	0.992	0.992	0.992	0.992	0.991	0.991	0.991	0.990	0.990	0.989	0.989	0.988
	-32	0.994	0.994	0.994	0.994	0.994	0.993	0.993	0.993	0.993	0.993	0.992	0.992	0.992	0.992	0.991	0.991	0.991	0.990	0.989	0.989
	-33	0.995	0.994	0.994	0.994	0.994	0.994	0.994	0.994	0.993	0.993	0.993	0.993	0.992	0.992	0.992	0.992	0.991	0.991	0.990	0.989
	-34	0.995	0.995	0.995	0.995	0.994	0.994	0.994	0.994	0.994	0.994	0.993	0.993	0.993	0.993	0.992	0.992	0.992	0.991	0.990	0.990
	-35	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.994	0.994	0.994	0.994	0.994	0.993	0.993	0.993	0.993	0.992	0.992	0.991	0.990
	-36	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.994	0.994	0.994	0.994	0.993	0.993	0.992	0.992	0.991	0.991
	-37	0.996	0.996	0.996	0.996	0.995	0.995	0.995	0.995	0.995	0.995	0.995	0.994	0.994	0.994	0.994	0.993	0.993	0.992	0.992	0.991
	-38	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.995	0.995	0.995	0.995	0.995	0.995	0.994	0.994	0.994	0.993	0.993	0.992	0.992
	-39	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.995	0.995	0.995	0.995	0.995	0.994	0.994	0.993	0.993	0.992	0.992
	-40	0.997	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.995	0.995	0.995	0.995	0.994	0.994	0.993	0.993	0.992
	-41	0.997	0.997	0.997	0.997	0.997	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.995	0.995	0.995	0.994	0.994	0.994	0.993	0.992
	-42	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.996	0.996	0.996	0.996	0.996	0.996	0.995	0.995	0.995	0.994	0.994	0.993	0.993
	-43	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.996	0.996	0.996	0.996	0.995	0.995	0.995	0.994	0.994	0.993	0.993
	-44	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.996	0.996	0.996	0.996	0.995	0.995	0.995	0.994	0.993	0.993
	-45	0.998	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.996	0.996	0.996	0.996	0.995	0.995	0.994	0.994	0.993
	-46	0.998	0.998	0.998	0.998	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.996	0.996	0.996	0.996	0.995	0.995	0.994	0.994	0.993
	-47	0.998	0.998	0.998	0.998	0.998	0.998	0.997	0.997	0.997	0.997	0.997	0.997	0.996	0.996	0.996	0.995	0.995	0.994	0.994	
	-48	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.997	0.997	0.997	0.997	0.997	0.996	0.996	0.996	0.995	0.995	0.995		
	-49	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.997	0.997	0.997	0.997	0.997	0.996	0.996	0.996	0.995			
	-50	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.997	0.997	0.997	0.997	0.997	0.996	0.996	0.996				
Beneficiary	-51	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.997	0.997	0.997	0.997	0.996	0.996					
older	-52	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.997	0.997	0.997	0.997	0.996						
than	-53	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.997	0.997	0.997							
Retiree	-54	0.999	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.997	0.997								
	-55	0.999	0.999	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.998	0.997									

Mortality Table: Blended Healthy Mortality, Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 9a: 50% Joint and Survivor Annuity with Pop-up Feature - Option 3A - Healthy Members

(Factor Multiplied by Option 1 Non-Refund Life Annuity)

	Beneficiary Age Difference	Attained Age at Retirement																			
		45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
Beneficiary	-56	0.999	0.999	0.999	0.998	0.998	0.998	0.998	0.998	0.998	0.998										
older	-57	0.999	0.999	0.999	0.998	0.998	0.998	0.998	0.998	0.998											
than	-58	0.999	0.999	0.999	0.999	0.998	0.998	0.998	0.998												
Retiree	-59	0.999	0.999	0.999	0.999	0.998	0.998	0.998													
	-60	0.999	0.999	0.999	0.999	0.998	0.998														
Beneficiary	-61	0.999	0.999	0.999	0.999	0.999															
older	-62	0.999	0.999	0.999	0.999																
than	-63	0.999	0.999	0.999																	
Retiree	-64	0.999	0.999																		
	-65	0.999																			

Mortality Table: Blended Healthy Mortality, Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 9a: 50% Joint and Survivor Annuity with Pop-up Feature - Option 3A - Healthy Members

(Factor Multiplied by Option 1 Non-Refund Life Annuity)

	Beneficiary Age Difference	Attained Age at Retirement																			
		65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84
Beneficiary younger than Retiree	100																				
	99																				
	98																				
	97																				
	96																				
	95																				
	94																				
	93																				
	92																				
	91																				
	90																				
	89																				
	88																				
	87																				
	86																				
	85																				
	84																				
	83																				0.508
	82																			0.527	0.508
	81																		0.547	0.528	0.508
	80																	0.566	0.547	0.528	0.509
	79																0.585	0.566	0.547	0.528	0.509
	78															0.603	0.585	0.566	0.548	0.529	0.509
	77														0.620	0.603	0.585	0.567	0.548	0.529	0.510
	76													0.637	0.621	0.603	0.585	0.567	0.548	0.529	0.510
	75												0.654	0.638	0.621	0.604	0.586	0.567	0.549	0.530	0.510
	74											0.670	0.654	0.638	0.621	0.604	0.586	0.568	0.549	0.530	0.511
	73										0.686	0.670	0.655	0.638	0.622	0.604	0.586	0.568	0.550	0.530	0.511
	72									0.701	0.686	0.671	0.655	0.639	0.622	0.605	0.587	0.569	0.550	0.531	0.512
	71								0.715	0.701	0.686	0.671	0.655	0.639	0.622	0.605	0.587	0.569	0.550	0.531	0.512
	70							0.729	0.715	0.701	0.687	0.671	0.656	0.639	0.623	0.605	0.588	0.570	0.551	0.532	0.513
	69						0.742	0.729	0.716	0.702	0.687	0.672	0.656	0.640	0.623	0.606	0.588	0.570	0.551	0.532	0.513
	68					0.755	0.743	0.730	0.716	0.702	0.687	0.672	0.656	0.640	0.624	0.606	0.589	0.571	0.552	0.533	0.514
	67				0.768	0.756	0.743	0.730	0.716	0.702	0.688	0.673	0.657	0.641	0.624	0.607	0.589	0.571	0.552	0.534	0.514
	66			0.779	0.768	0.756	0.743	0.730	0.717	0.703	0.688	0.673	0.657	0.641	0.625	0.607	0.590	0.572	0.553	0.534	0.515
Beneficiary younger than Retiree	65		0.791	0.780	0.768	0.756	0.744	0.731	0.717	0.703	0.689	0.673	0.658	0.642	0.625	0.608	0.590	0.572	0.554	0.535	0.516
	64	0.802	0.791	0.780	0.769	0.757	0.744	0.731	0.718	0.704	0.689	0.674	0.658	0.642	0.626	0.609	0.591	0.573	0.554	0.535	0.516
	63	0.802	0.791	0.780	0.769	0.757	0.745	0.732	0.718	0.704	0.690	0.674	0.659	0.643	0.626	0.609	0.592	0.574	0.555	0.536	0.517
	62	0.802	0.792	0.781	0.769	0.757	0.745	0.732	0.719	0.705	0.690	0.675	0.660	0.643	0.627	0.610	0.592	0.574	0.556	0.537	0.518
	61	0.803	0.792	0.781	0.770	0.758	0.745	0.732	0.719	0.705	0.691	0.676	0.660	0.644	0.628	0.611	0.593	0.575	0.557	0.538	0.519

Mortality Table: Blended Healthy Mortality, Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 9a: 50% Joint and Survivor Annuity with Pop-up Feature - Option 3A - Healthy Members

(Factor Multiplied by Option 1 Non-Refund Life Annuity)

	Beneficiary Age Difference	Attained Age at Retirement																			
		65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84
Beneficiary	60	0.803	0.792	0.782	0.770	0.758	0.746	0.733	0.720	0.706	0.691	0.676	0.661	0.645	0.628	0.611	0.594	0.576	0.557	0.539	0.520
younger	59	0.803	0.793	0.782	0.771	0.759	0.746	0.734	0.720	0.706	0.692	0.677	0.661	0.646	0.629	0.612	0.595	0.577	0.558	0.540	0.521
than	58	0.804	0.793	0.782	0.771	0.759	0.747	0.734	0.721	0.707	0.693	0.678	0.662	0.646	0.630	0.613	0.595	0.578	0.559	0.541	0.522
Retiree	57	0.804	0.794	0.783	0.772	0.760	0.748	0.735	0.721	0.708	0.693	0.678	0.663	0.647	0.631	0.614	0.596	0.579	0.560	0.542	0.523
	56	0.805	0.794	0.783	0.772	0.760	0.748	0.735	0.722	0.708	0.694	0.679	0.664	0.648	0.632	0.615	0.597	0.580	0.561	0.543	0.524
	55	0.805	0.795	0.784	0.773	0.761	0.749	0.736	0.723	0.709	0.695	0.680	0.665	0.649	0.632	0.616	0.598	0.581	0.562	0.544	0.525
	54	0.806	0.795	0.785	0.773	0.762	0.749	0.737	0.724	0.710	0.696	0.681	0.666	0.650	0.633	0.617	0.599	0.582	0.564	0.545	0.526
	53	0.806	0.796	0.785	0.774	0.762	0.750	0.737	0.724	0.711	0.696	0.682	0.666	0.651	0.635	0.618	0.601	0.583	0.565	0.546	0.527
	52	0.807	0.797	0.786	0.775	0.763	0.751	0.738	0.725	0.711	0.697	0.683	0.667	0.652	0.636	0.619	0.602	0.584	0.566	0.548	0.529
	51	0.807	0.797	0.787	0.775	0.764	0.752	0.739	0.726	0.712	0.698	0.684	0.669	0.653	0.637	0.620	0.603	0.585	0.567	0.549	0.530
	50	0.808	0.798	0.787	0.776	0.765	0.753	0.740	0.727	0.713	0.699	0.685	0.670	0.654	0.638	0.621	0.604	0.587	0.569	0.550	0.532
	49	0.809	0.799	0.788	0.777	0.765	0.753	0.741	0.728	0.714	0.700	0.686	0.671	0.655	0.639	0.623	0.606	0.588	0.570	0.552	0.533
	48	0.809	0.799	0.789	0.778	0.766	0.754	0.742	0.729	0.715	0.701	0.687	0.672	0.657	0.641	0.624	0.607	0.590	0.572	0.554	0.535
	47	0.810	0.800	0.790	0.779	0.767	0.755	0.743	0.730	0.717	0.703	0.688	0.673	0.658	0.642	0.626	0.609	0.591	0.574	0.555	0.537
	46	0.811	0.801	0.790	0.780	0.768	0.756	0.744	0.731	0.718	0.704	0.690	0.675	0.659	0.644	0.627	0.610	0.593	0.575	0.557	0.539
	45	0.812	0.802	0.791	0.781	0.769	0.757	0.745	0.732	0.719	0.705	0.691	0.676	0.661	0.645	0.629	0.612	0.595	0.577	0.559	0.541
	44	0.813	0.803	0.792	0.782	0.770	0.759	0.746	0.734	0.720	0.707	0.692	0.678	0.662	0.647	0.631	0.614	0.597	0.579	0.561	0.543
	43	0.814	0.804	0.793	0.783	0.771	0.760	0.748	0.735	0.722	0.708	0.694	0.679	0.664	0.649	0.632	0.616	0.599	0.581	0.563	0.545
	42	0.815	0.805	0.794	0.784	0.773	0.761	0.749	0.736	0.723	0.710	0.696	0.681	0.666	0.650	0.634	0.618	0.601	0.583	0.566	0.547
	41	0.816	0.806	0.796	0.785	0.774	0.762	0.750	0.738	0.725	0.711	0.697	0.683	0.668	0.652	0.636	0.620	0.603	0.586	0.568	0.550
	40	0.817	0.807	0.797	0.786	0.775	0.764	0.752	0.739	0.726	0.713	0.699	0.685	0.670	0.654	0.638	0.622	0.605	0.588	0.570	0.552
	39	0.818	0.808	0.798	0.788	0.777	0.765	0.753	0.741	0.728	0.715	0.701	0.687	0.672	0.656	0.641	0.624	0.608	0.591	0.573	0.555
	38	0.819	0.809	0.799	0.789	0.778	0.767	0.755	0.743	0.730	0.717	0.703	0.689	0.674	0.659	0.643	0.627	0.610	0.593	0.576	0.558
	37	0.820	0.811	0.801	0.790	0.780	0.768	0.757	0.744	0.732	0.719	0.705	0.691	0.676	0.661	0.646	0.630	0.613	0.596	0.579	0.561
	36	0.821	0.812	0.802	0.792	0.781	0.770	0.758	0.746	0.734	0.721	0.707	0.693	0.679	0.664	0.648	0.632	0.616	0.599	0.582	0.564
	35	0.823	0.813	0.804	0.794	0.783	0.772	0.760	0.748	0.736	0.723	0.709	0.695	0.681	0.666	0.651	0.635	0.619	0.602	0.585	0.568
	34	0.824	0.815	0.805	0.795	0.785	0.774	0.762	0.750	0.738	0.725	0.712	0.698	0.684	0.669	0.654	0.638	0.622	0.606	0.589	0.572
	33	0.826	0.817	0.807	0.797	0.787	0.776	0.764	0.752	0.740	0.727	0.714	0.701	0.687	0.672	0.657	0.641	0.626	0.609	0.592	0.575
	32	0.827	0.818	0.809	0.799	0.788	0.778	0.766	0.755	0.743	0.730	0.717	0.703	0.689	0.675	0.660	0.645	0.629	0.613	0.596	0.579
	31	0.829	0.820	0.811	0.801	0.791	0.780	0.769	0.757	0.745	0.733	0.720	0.706	0.693	0.678	0.664	0.648	0.633	0.617	0.600	0.584
	30	0.831	0.822	0.812	0.803	0.793	0.782	0.771	0.760	0.748	0.735	0.723	0.709	0.696	0.682	0.667	0.652	0.637	0.621	0.605	0.588
	29	0.832	0.824	0.814	0.805	0.795	0.784	0.774	0.762	0.751	0.738	0.726	0.713	0.699	0.685	0.671	0.656	0.641	0.625	0.609	0.593
	28	0.834	0.826	0.817	0.807	0.797	0.787	0.776	0.765	0.753	0.741	0.729	0.716	0.703	0.689	0.675	0.660	0.645	0.630	0.614	0.598
	27	0.836	0.828	0.819	0.809	0.800	0.790	0.779	0.768	0.756	0.745	0.732	0.720	0.706	0.693	0.679	0.664	0.650	0.634	0.619	0.603
	26	0.838	0.830	0.821	0.812	0.802	0.792	0.782	0.771	0.760	0.748	0.736	0.723	0.710	0.697	0.683	0.669	0.654	0.639	0.624	0.608
Beneficiary	25	0.841	0.832	0.823	0.814	0.805	0.795	0.785	0.774	0.763	0.751	0.740	0.727	0.714	0.701	0.688	0.674	0.659	0.644	0.629	0.614
younger	24	0.843	0.835	0.826	0.817	0.808	0.798	0.788	0.777	0.766	0.755	0.743	0.731	0.719	0.706	0.692	0.679	0.664	0.650	0.635	0.620
than	23	0.845	0.837	0.829	0.820	0.811	0.801	0.791	0.781	0.770	0.759	0.747	0.735	0.723	0.710	0.697	0.684	0.670	0.655	0.641	0.626
Retiree	22	0.848	0.840	0.831	0.823	0.814	0.804	0.795	0.784	0.774	0.763	0.752	0.740	0.728	0.715	0.702	0.689	0.675	0.661	0.647	0.632
	21	0.850	0.842	0.834	0.826	0.817	0.808	0.798	0.788	0.778	0.767	0.756	0.744	0.733	0.720	0.708	0.695	0.681	0.667	0.653	0.639

Mortality Table: Blended Healthy Mortality, Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 9a: 50% Joint and Survivor Annuity with Pop-up Feature - Option 3A - Healthy Members

(Factor Multiplied by Option 1 Non-Refund Life Annuity)

	Beneficiary Age Difference	Attained Age at Retirement																			
		65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84
	20	0.853	0.845	0.837	0.829	0.820	0.811	0.802	0.792	0.782	0.771	0.760	0.749	0.738	0.726	0.713	0.701	0.687	0.674	0.660	0.646
	19	0.855	0.848	0.840	0.832	0.824	0.815	0.806	0.796	0.786	0.776	0.765	0.754	0.743	0.731	0.719	0.707	0.694	0.680	0.667	0.653
	18	0.858	0.851	0.843	0.835	0.827	0.818	0.809	0.800	0.790	0.780	0.770	0.759	0.748	0.737	0.725	0.713	0.700	0.687	0.674	0.660
	17	0.861	0.854	0.847	0.839	0.831	0.822	0.814	0.804	0.795	0.785	0.775	0.765	0.754	0.743	0.731	0.719	0.707	0.694	0.681	0.668
	16	0.864	0.857	0.850	0.842	0.835	0.826	0.818	0.809	0.800	0.790	0.780	0.770	0.760	0.749	0.737	0.726	0.714	0.702	0.689	0.676
	15	0.867	0.861	0.853	0.846	0.838	0.830	0.822	0.813	0.804	0.795	0.786	0.776	0.766	0.755	0.744	0.733	0.721	0.709	0.697	0.685
	14	0.871	0.864	0.857	0.850	0.842	0.835	0.827	0.818	0.809	0.800	0.791	0.782	0.772	0.761	0.751	0.740	0.729	0.717	0.705	0.693
	13	0.874	0.867	0.861	0.854	0.846	0.839	0.831	0.823	0.815	0.806	0.797	0.787	0.778	0.768	0.758	0.747	0.736	0.725	0.714	0.702
	12	0.877	0.871	0.864	0.858	0.851	0.843	0.836	0.828	0.820	0.811	0.803	0.794	0.784	0.775	0.765	0.755	0.744	0.733	0.722	0.711
	11	0.881	0.875	0.868	0.862	0.855	0.848	0.841	0.833	0.825	0.817	0.808	0.800	0.791	0.782	0.772	0.762	0.752	0.742	0.731	0.720
	10	0.884	0.878	0.872	0.866	0.859	0.853	0.845	0.838	0.830	0.823	0.814	0.806	0.797	0.789	0.779	0.770	0.760	0.750	0.740	0.730
	9	0.888	0.882	0.876	0.870	0.864	0.857	0.850	0.843	0.836	0.828	0.821	0.813	0.804	0.796	0.787	0.778	0.769	0.759	0.749	0.739
	8	0.891	0.886	0.880	0.874	0.868	0.862	0.855	0.849	0.842	0.834	0.827	0.819	0.811	0.803	0.795	0.786	0.777	0.768	0.758	0.749
	7	0.895	0.890	0.884	0.879	0.873	0.867	0.860	0.854	0.847	0.840	0.833	0.826	0.818	0.810	0.802	0.794	0.785	0.777	0.768	0.759
	6	0.899	0.894	0.888	0.883	0.877	0.872	0.866	0.859	0.853	0.846	0.839	0.832	0.825	0.818	0.810	0.802	0.794	0.786	0.777	0.769
Beneficiary	5	0.902	0.897	0.892	0.887	0.882	0.876	0.871	0.865	0.859	0.852	0.846	0.839	0.832	0.825	0.818	0.810	0.803	0.795	0.787	0.779
younger	4	0.906	0.901	0.897	0.892	0.887	0.881	0.876	0.870	0.864	0.858	0.852	0.846	0.839	0.833	0.826	0.819	0.811	0.804	0.796	0.789
than	3	0.910	0.905	0.901	0.896	0.891	0.886	0.881	0.875	0.870	0.864	0.858	0.852	0.846	0.840	0.833	0.827	0.820	0.813	0.806	0.799
Retiree	2	0.913	0.909	0.905	0.900	0.896	0.891	0.886	0.881	0.876	0.870	0.865	0.859	0.853	0.847	0.841	0.835	0.829	0.822	0.815	0.809
	1	0.917	0.913	0.909	0.905	0.900	0.896	0.891	0.886	0.881	0.876	0.871	0.866	0.860	0.855	0.849	0.843	0.837	0.831	0.825	0.818
Beneficiary same age as Retiree	**0**	**0.921**	**0.917**	**0.913**	**0.909**	**0.905**	**0.900**	**0.896**	**0.891**	**0.887**	**0.882**	**0.877**	**0.872**	**0.867**	**0.862**	**0.857**	**0.851**	**0.845**	**0.840**	**0.834**	**0.828**
Beneficiary	-1	0.924	0.920	0.917	0.913	0.909	0.905	0.901	0.897	0.892	0.888	0.883	0.879	0.874	0.869	0.864	0.859	0.854	0.848	0.843	0.837
older	-2	0.928	0.924	0.921	0.917	0.913	0.910	0.906	0.902	0.898	0.893	0.889	0.885	0.880	0.876	0.871	0.867	0.862	0.857	0.852	0.846
than	-3	0.931	0.928	0.924	0.921	0.918	0.914	0.910	0.907	0.903	0.899	0.895	0.891	0.887	0.883	0.878	0.874	0.869	0.865	0.860	0.855
Retiree	-4	0.934	0.931	0.928	0.925	0.922	0.919	0.915	0.912	0.908	0.904	0.901	0.897	0.893	0.889	0.885	0.881	0.877	0.873	0.868	0.863
	-5	0.938	0.935	0.932	0.929	0.926	0.923	0.920	0.916	0.913	0.910	0.906	0.903	0.899	0.896	0.892	0.888	0.884	0.880	0.876	0.871
	-6	0.941	0.938	0.935	0.933	0.930	0.927	0.924	0.921	0.918	0.915	0.912	0.908	0.905	0.902	0.898	0.895	0.891	0.887	0.883	0.879
	-7	0.944	0.941	0.939	0.936	0.934	0.931	0.928	0.925	0.923	0.920	0.917	0.914	0.911	0.908	0.904	0.901	0.898	0.894	0.890	0.886
	-8	0.947	0.944	0.942	0.940	0.937	0.935	0.932	0.930	0.927	0.924	0.922	0.919	0.916	0.913	0.910	0.907	0.904	0.900	0.896	0.892
	-9	0.950	0.948	0.945	0.943	0.941	0.939	0.936	0.934	0.931	0.929	0.926	0.924	0.921	0.919	0.916	0.913	0.910	0.906	0.902	0.898
	-10	0.952	0.950	0.948	0.946	0.944	0.942	0.940	0.938	0.936	0.933	0.931	0.929	0.926	0.924	0.921	0.918	0.915	0.911	0.908	0.903
	-11	0.955	0.953	0.951	0.950	0.948	0.946	0.944	0.942	0.940	0.937	0.935	0.933	0.931	0.928	0.926	0.923	0.920	0.916	0.913	0.908
	-12	0.958	0.956	0.954	0.953	0.951	0.949	0.947	0.945	0.943	0.941	0.939	0.937	0.935	0.933	0.930	0.927	0.924	0.921	0.917	0.913
	-13	0.960	0.959	0.957	0.955	0.954	0.952	0.950	0.949	0.947	0.945	0.943	0.941	0.939	0.937	0.934	0.932	0.928	0.925	0.921	0.917
	-14	0.963	0.961	0.960	0.958	0.957	0.955	0.954	0.952	0.950	0.949	0.947	0.945	0.943	0.941	0.938	0.935	0.932	0.929	0.925	0.920
	-15	0.965	0.964	0.962	0.961	0.960	0.958	0.957	0.955	0.954	0.952	0.950	0.948	0.946	0.944	0.942	0.939	0.936	0.932	0.928	0.924

Mortality Table: Blended Healthy Mortality, Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 9a: 50% Joint and Survivor Annuity with Pop-up Feature - Option 3A - Healthy Members

(Factor Multiplied by Option 1 Non-Refund Life Annuity)

	Beneficiary Age Difference	Attained Age at Retirement																			
		65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84
Beneficiary	-16	0.967	0.966	0.965	0.963	0.962	0.961	0.959	0.958	0.956	0.955	0.953	0.951	0.949	0.947	0.945	0.942	0.939	0.935	0.931	0.927
older	-17	0.969	0.968	0.967	0.966	0.965	0.963	0.962	0.961	0.959	0.958	0.956	0.954	0.952	0.950	0.947	0.945	0.941	0.938	0.934	0.930
than	-18	0.971	0.970	0.969	0.968	0.967	0.966	0.964	0.963	0.962	0.960	0.959	0.957	0.955	0.952	0.950	0.947	0.944	0.941	0.937	0.933
Retiree	-19	0.973	0.972	0.971	0.970	0.969	0.968	0.967	0.965	0.964	0.963	0.961	0.959	0.957	0.955	0.952	0.949	0.946	0.943	0.939	0.935
	-20	0.975	0.974	0.973	0.972	0.971	0.970	0.969	0.968	0.966	0.965	0.963	0.961	0.959	0.957	0.954	0.952	0.949	0.945	0.941	0.937
	-21	0.976	0.976	0.975	0.974	0.973	0.972	0.971	0.969	0.968	0.967	0.965	0.963	0.961	0.959	0.956	0.954	0.951	0.947	0.943	0.939
	-22	0.978	0.977	0.976	0.975	0.975	0.974	0.972	0.971	0.970	0.968	0.967	0.965	0.963	0.960	0.958	0.955	0.952	0.949	0.945	0.940
	-23	0.979	0.979	0.978	0.977	0.976	0.975	0.974	0.973	0.971	0.970	0.968	0.966	0.964	0.962	0.960	0.957	0.954	0.950	0.946	0.941
	-24	0.981	0.980	0.979	0.978	0.978	0.977	0.975	0.974	0.973	0.971	0.970	0.968	0.966	0.964	0.961	0.958	0.955	0.951	0.947	0.942
	-25	0.982	0.981	0.981	0.980	0.979	0.978	0.977	0.975	0.974	0.973	0.971	0.969	0.967	0.965	0.962	0.959	0.956	0.952	0.948	0.943
	-26	0.983	0.982	0.982	0.981	0.980	0.979	0.978	0.977	0.975	0.974	0.972	0.970	0.968	0.966	0.963	0.960	0.957	0.953	0.949	0.944
	-27	0.984	0.983	0.983	0.982	0.981	0.980	0.979	0.978	0.976	0.975	0.973	0.971	0.969	0.967	0.964	0.961	0.958	0.954	0.950	
	-28	0.985	0.984	0.984	0.983	0.982	0.981	0.980	0.979	0.977	0.976	0.974	0.972	0.970	0.968	0.965	0.962	0.959	0.955		
	-29	0.986	0.985	0.985	0.984	0.983	0.982	0.981	0.980	0.978	0.977	0.975	0.973	0.971	0.968	0.966	0.963	0.959			
	-30	0.987	0.986	0.985	0.985	0.984	0.983	0.982	0.980	0.979	0.977	0.976	0.974	0.971	0.969	0.966	0.963				
	-31	0.987	0.987	0.986	0.985	0.984	0.983	0.982	0.981	0.980	0.978	0.976	0.974	0.972	0.970	0.967					
	-32	0.988	0.987	0.987	0.986	0.985	0.984	0.983	0.982	0.980	0.979	0.977	0.975	0.972	0.970						
	-33	0.989	0.988	0.987	0.986	0.986	0.985	0.983	0.982	0.981	0.979	0.977	0.975	0.973							
	-34	0.989	0.989	0.988	0.987	0.986	0.985	0.984	0.983	0.981	0.979	0.978	0.976								
	-35	0.990	0.989	0.988	0.987	0.987	0.986	0.984	0.983	0.981	0.980	0.978									
	-36	0.990	0.989	0.989	0.988	0.987	0.986	0.985	0.983	0.982	0.980										
	-37	0.991	0.990	0.989	0.988	0.987	0.986	0.985	0.984	0.982											
	-38	0.991	0.990	0.989	0.989	0.988	0.986	0.985	0.984												
	-39	0.991	0.990	0.990	0.989	0.988	0.987	0.986													
	-40	0.991	0.991	0.990	0.989	0.988	0.987														
	-41	0.992	0.991	0.990	0.989	0.988															
	-42	0.992	0.991	0.990	0.989																
	-43	0.992	0.991	0.990																	
	-44	0.992	0.991																		
	-45	0.992																			
	-46																				
	-47																				
	-48																				
	-49																				
	-50																				
Beneficiary	-51																				
older	-52																				
than	-53																				
Retiree	-54																				
	-55																				

Mortality Table: Blended Healthy Mortality, Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 9a: 50% Joint and Survivor Annuity with Pop-up Feature - Option 3A - Healthy Members

(Factor Multiplied by Option 1 Non-Refund Life Annuity)

	Beneficiary Age Difference	Attained Age at Retirement																			
		65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84
Beneficiary	-56																				
older	-57																				
than	-58																				
Retiree	-59																				
	-60																				
Beneficiary	-61																				
older	-62																				
than	-63																				
Retiree	-64																				
	-65																				

Mortality Table: Blended Healthy Mortality, Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 9a: 50% Joint and Survivor Annuity with Pop-up Feature - Option 3A - Healthy Members

(Factor Multiplied by Option 1 Non-Refund Life Annuity)

	Beneficiary Age Difference	Attained Age at Retirement															
		85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
Beneficiary	100																
younger	99																0.247
than	98															0.256	0.248
Retiree	97														0.266	0.256	0.248
	96													0.276	0.266	0.257	0.248
	95												0.289	0.277	0.266	0.257	0.248
	94											0.303	0.289	0.277	0.266	0.257	0.248
	93										0.318	0.303	0.289	0.277	0.267	0.257	0.248
	92									0.334	0.318	0.303	0.289	0.277	0.267	0.257	0.249
	91								0.350	0.334	0.318	0.303	0.289	0.277	0.267	0.258	0.249
	90							0.368	0.351	0.334	0.318	0.303	0.290	0.278	0.267	0.258	0.249
	89						0.387	0.369	0.351	0.334	0.318	0.304	0.290	0.278	0.267	0.258	0.249
	88					0.407	0.388	0.369	0.351	0.334	0.319	0.304	0.290	0.278	0.268	0.258	0.250
	87				0.427	0.407	0.388	0.369	0.351	0.335	0.319	0.304	0.290	0.278	0.268	0.259	0.250
	86			0.447	0.427	0.407	0.388	0.369	0.352	0.335	0.319	0.304	0.291	0.279	0.268	0.259	0.250
	85		0.468	0.448	0.428	0.408	0.388	0.370	0.352	0.335	0.319	0.305	0.291	0.279	0.269	0.259	0.250
	84	0.488	0.468	0.448	0.428	0.408	0.389	0.370	0.352	0.335	0.320	0.305	0.291	0.279	0.269	0.259	0.251
	83	0.488	0.468	0.448	0.428	0.408	0.389	0.370	0.352	0.336	0.320	0.305	0.292	0.280	0.269	0.260	0.251
	82	0.488	0.468	0.448	0.428	0.409	0.389	0.370	0.353	0.336	0.320	0.306	0.292	0.280	0.270	0.260	0.251
	81	0.489	0.469	0.449	0.429	0.409	0.389	0.371	0.353	0.336	0.321	0.306	0.292	0.280	0.270	0.261	0.252
	80	0.489	0.469	0.449	0.429	0.409	0.390	0.371	0.353	0.337	0.321	0.306	0.293	0.281	0.270	0.261	0.252
	79	0.489	0.469	0.449	0.429	0.410	0.390	0.372	0.354	0.337	0.321	0.307	0.293	0.281	0.271	0.261	0.253
	78	0.490	0.470	0.450	0.430	0.410	0.391	0.372	0.354	0.337	0.322	0.307	0.293	0.281	0.271	0.262	0.253
	77	0.490	0.470	0.450	0.430	0.410	0.391	0.372	0.355	0.338	0.322	0.308	0.294	0.282	0.272	0.262	0.254
	76	0.490	0.470	0.450	0.430	0.411	0.391	0.373	0.355	0.338	0.323	0.308	0.294	0.282	0.272	0.263	0.254
	75	0.491	0.471	0.451	0.431	0.411	0.392	0.373	0.355	0.339	0.323	0.308	0.295	0.283	0.273	0.263	0.255
	74	0.491	0.471	0.451	0.431	0.412	0.392	0.374	0.356	0.339	0.324	0.309	0.295	0.283	0.273	0.264	0.255
	73	0.492	0.472	0.452	0.432	0.412	0.393	0.374	0.356	0.340	0.324	0.310	0.296	0.284	0.274	0.265	0.256
	72	0.492	0.472	0.452	0.432	0.413	0.393	0.375	0.357	0.340	0.325	0.310	0.297	0.285	0.274	0.265	0.257
	71	0.492	0.473	0.453	0.433	0.413	0.394	0.375	0.358	0.341	0.325	0.311	0.297	0.285	0.275	0.266	0.257
	70	0.493	0.473	0.453	0.433	0.414	0.394	0.376	0.358	0.342	0.326	0.311	0.298	0.286	0.276	0.267	0.258
	69	0.494	0.474	0.454	0.434	0.414	0.395	0.377	0.359	0.342	0.327	0.312	0.299	0.287	0.277	0.267	0.259
	68	0.494	0.474	0.455	0.435	0.415	0.396	0.377	0.360	0.343	0.327	0.313	0.299	0.287	0.277	0.268	0.260
	67	0.495	0.475	0.455	0.435	0.416	0.396	0.378	0.360	0.344	0.328	0.314	0.300	0.288	0.278	0.269	0.261
	66	0.495	0.476	0.456	0.436	0.416	0.397	0.379	0.361	0.345	0.329	0.314	0.301	0.289	0.279	0.270	0.262
Beneficiary	65	0.496	0.476	0.457	0.437	0.417	0.398	0.380	0.362	0.345	0.330	0.315	0.302	0.290	0.280	0.271	0.263
younger	64	0.497	0.477	0.457	0.438	0.418	0.399	0.380	0.363	0.346	0.331	0.316	0.303	0.291	0.281	0.272	0.264
than	63	0.498	0.478	0.458	0.438	0.419	0.400	0.381	0.364	0.347	0.332	0.317	0.304	0.292	0.282	0.273	0.265
Retiree	62	0.498	0.479	0.459	0.439	0.420	0.401	0.382	0.365	0.348	0.333	0.318	0.305	0.293	0.283	0.274	0.266
	61	0.499	0.480	0.460	0.440	0.421	0.402	0.383	0.366	0.349	0.334	0.319	0.306	0.294	0.284	0.275	0.267

Mortality Table: Blended Healthy Mortality, Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 9a: 50% Joint and Survivor Annuity with Pop-up Feature - Option 3A - Healthy Members

(Factor Multiplied by Option 1 Non-Refund Life Annuity)

	Beneficiary Age Difference	Attained Age at Retirement															
		85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
Beneficiary	60	0.500	0.481	0.461	0.441	0.422	0.403	0.384	0.367	0.350	0.335	0.320	0.307	0.295	0.285	0.276	0.268
younger	59	0.501	0.482	0.462	0.442	0.423	0.404	0.385	0.368	0.351	0.336	0.322	0.308	0.297	0.287	0.278	0.270
than	58	0.502	0.483	0.463	0.443	0.424	0.405	0.387	0.369	0.353	0.337	0.323	0.310	0.298	0.288	0.279	0.271
Retiree	57	0.503	0.484	0.464	0.445	0.425	0.406	0.388	0.370	0.354	0.339	0.324	0.311	0.299	0.290	0.281	0.273
	56	0.505	0.485	0.466	0.446	0.426	0.407	0.389	0.372	0.355	0.340	0.326	0.312	0.301	0.291	0.282	0.274
	55	0.506	0.486	0.467	0.447	0.428	0.409	0.391	0.373	0.357	0.342	0.327	0.314	0.302	0.293	0.284	0.276
	54	0.507	0.488	0.468	0.449	0.429	0.410	0.392	0.375	0.358	0.343	0.329	0.316	0.304	0.294	0.286	0.278
	53	0.508	0.489	0.470	0.450	0.431	0.412	0.394	0.376	0.360	0.345	0.331	0.317	0.306	0.296	0.288	0.280
	52	0.510	0.490	0.471	0.452	0.432	0.413	0.395	0.378	0.362	0.346	0.332	0.319	0.308	0.298	0.290	0.282
	51	0.511	0.492	0.473	0.453	0.434	0.415	0.397	0.380	0.364	0.348	0.334	0.321	0.310	0.300	0.292	0.284
	50	0.513	0.494	0.474	0.455	0.436	0.417	0.399	0.382	0.365	0.350	0.336	0.323	0.312	0.302	0.294	0.286
	49	0.514	0.495	0.476	0.457	0.438	0.419	0.401	0.384	0.368	0.352	0.338	0.325	0.314	0.305	0.296	0.289
	48	0.516	0.497	0.478	0.459	0.440	0.421	0.403	0.386	0.370	0.355	0.341	0.328	0.317	0.307	0.299	0.292
	47	0.518	0.499	0.480	0.461	0.442	0.423	0.405	0.388	0.372	0.357	0.343	0.330	0.319	0.310	0.302	0.294
	46	0.520	0.501	0.482	0.463	0.444	0.425	0.407	0.390	0.374	0.359	0.346	0.333	0.322	0.313	0.305	0.297
	45	0.522	0.503	0.484	0.465	0.446	0.428	0.410	0.393	0.377	0.362	0.348	0.336	0.325	0.316	0.308	0.301
	44	0.524	0.505	0.487	0.467	0.449	0.430	0.412	0.396	0.380	0.365	0.351	0.339	0.328	0.319	0.311	0.304
	43	0.527	0.508	0.489	0.470	0.451	0.433	0.415	0.398	0.383	0.368	0.354	0.342	0.331	0.322	0.314	0.307
	42	0.529	0.510	0.492	0.473	0.454	0.436	0.418	0.401	0.386	0.371	0.358	0.345	0.334	0.326	0.318	0.311
	41	0.532	0.513	0.494	0.476	0.457	0.439	0.421	0.405	0.389	0.374	0.361	0.349	0.338	0.329	0.322	0.315
	40	0.534	0.516	0.497	0.479	0.460	0.442	0.424	0.408	0.392	0.378	0.365	0.352	0.342	0.333	0.326	0.320
	39	0.537	0.519	0.500	0.482	0.463	0.445	0.428	0.411	0.396	0.382	0.368	0.356	0.346	0.338	0.330	0.324
	38	0.540	0.522	0.504	0.485	0.467	0.449	0.432	0.415	0.400	0.386	0.373	0.360	0.350	0.342	0.335	0.329
	37	0.543	0.525	0.507	0.489	0.470	0.453	0.435	0.419	0.404	0.390	0.377	0.365	0.355	0.347	0.340	0.334
	36	0.547	0.529	0.511	0.492	0.474	0.456	0.439	0.423	0.408	0.394	0.381	0.370	0.360	0.352	0.345	0.339
	35	0.550	0.532	0.514	0.496	0.478	0.461	0.444	0.428	0.413	0.399	0.386	0.375	0.365	0.357	0.351	0.345
	34	0.554	0.536	0.518	0.500	0.483	0.465	0.448	0.433	0.418	0.404	0.391	0.380	0.370	0.363	0.356	0.351
	33	0.558	0.540	0.523	0.505	0.487	0.470	0.453	0.438	0.423	0.409	0.397	0.385	0.376	0.369	0.362	0.357
	32	0.562	0.545	0.527	0.509	0.492	0.475	0.458	0.443	0.428	0.415	0.403	0.391	0.382	0.375	0.369	0.364
	31	0.567	0.549	0.532	0.514	0.497	0.480	0.464	0.448	0.434	0.421	0.409	0.397	0.388	0.381	0.376	0.371
	30	0.571	0.554	0.537	0.520	0.502	0.485	0.469	0.454	0.440	0.427	0.415	0.404	0.395	0.388	0.383	0.379
	29	0.576	0.559	0.542	0.525	0.508	0.491	0.475	0.460	0.446	0.433	0.421	0.411	0.402	0.396	0.391	0.386
	28	0.581	0.564	0.548	0.531	0.514	0.497	0.482	0.467	0.453	0.440	0.428	0.418	0.410	0.403	0.399	0.395
	27	0.586	0.570	0.553	0.537	0.520	0.504	0.488	0.473	0.460	0.447	0.436	0.426	0.417	0.412	0.407	0.404
	26	0.592	0.576	0.559	0.543	0.526	0.510	0.495	0.480	0.467	0.455	0.444	0.434	0.426	0.420	0.416	0.413
Beneficiary	25	0.598	0.582	0.566	0.549	0.533	0.517	0.502	0.488	0.475	0.463	0.452	0.442	0.434	0.429	0.425	0.423
younger	24	0.604	0.588	0.572	0.556	0.540	0.525	0.510	0.496	0.483	0.471	0.460	0.451	0.444	0.439	0.435	0.433
than	23	0.610	0.595	0.579	0.563	0.548	0.532	0.518	0.504	0.491	0.480	0.469	0.460	0.453	0.449	0.446	0.444
Retiree	22	0.617	0.602	0.586	0.571	0.555	0.540	0.526	0.512	0.500	0.489	0.479	0.470	0.463	0.459	0.456	0.455
	21	0.624	0.609	0.594	0.579	0.564	0.549	0.535	0.521	0.509	0.498	0.489	0.480	0.474	0.470	0.468	0.467

Mortality Table: Blended Healthy Mortality, Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 9a: 50% Joint and Survivor Annuity with Pop-up Feature - Option 3A - Healthy Members

(Factor Multiplied by Option 1 Non-Refund Life Annuity)

	Beneficiary Age Difference	Attained Age at Retirement															
		85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
	20	0.631	0.617	0.602	0.587	0.572	0.557	0.544	0.531	0.519	0.508	0.499	0.491	0.485	0.482	0.480	0.479
	19	0.639	0.625	0.610	0.595	0.581	0.567	0.553	0.541	0.529	0.519	0.510	0.502	0.497	0.494	0.492	0.492
	18	0.647	0.633	0.618	0.604	0.590	0.576	0.563	0.551	0.540	0.530	0.521	0.514	0.509	0.506	0.505	0.506
	17	0.655	0.641	0.627	0.613	0.599	0.586	0.573	0.561	0.551	0.541	0.533	0.526	0.521	0.519	0.519	0.519
	16	0.663	0.650	0.636	0.623	0.609	0.596	0.584	0.572	0.562	0.553	0.545	0.539	0.534	0.533	0.533	0.534
	15	0.672	0.659	0.646	0.633	0.620	0.607	0.595	0.584	0.574	0.565	0.558	0.552	0.548	0.547	0.547	0.549
	14	0.681	0.668	0.656	0.643	0.630	0.618	0.606	0.596	0.586	0.578	0.571	0.565	0.562	0.561	0.562	0.564
	13	0.690	0.678	0.666	0.653	0.641	0.629	0.618	0.608	0.599	0.591	0.585	0.579	0.576	0.576	0.577	0.579
	12	0.699	0.688	0.676	0.664	0.652	0.641	0.630	0.620	0.612	0.604	0.598	0.593	0.591	0.591	0.592	0.595
	11	0.709	0.698	0.686	0.675	0.664	0.653	0.642	0.633	0.625	0.618	0.612	0.608	0.605	0.606	0.607	0.610
	10	0.719	0.708	0.697	0.686	0.675	0.665	0.655	0.646	0.639	0.632	0.627	0.623	0.620	0.621	0.622	0.625
	9	0.729	0.719	0.708	0.698	0.687	0.677	0.668	0.660	0.652	0.646	0.641	0.637	0.635	0.636	0.637	0.640
	8	0.739	0.729	0.719	0.709	0.700	0.690	0.681	0.673	0.666	0.660	0.656	0.652	0.650	0.650	0.652	0.654
	7	0.750	0.740	0.731	0.721	0.712	0.703	0.694	0.687	0.680	0.675	0.670	0.666	0.664	0.664	0.666	0.667
	6	0.760	0.751	0.742	0.733	0.724	0.715	0.707	0.700	0.694	0.689	0.684	0.680	0.678	0.678	0.679	0.680
Beneficiary	5	0.770	0.762	0.754	0.745	0.736	0.728	0.721	0.714	0.708	0.703	0.698	0.694	0.692	0.691	0.691	0.692
younger	4	0.781	0.773	0.765	0.757	0.749	0.741	0.734	0.727	0.721	0.716	0.711	0.707	0.704	0.703	0.703	0.703
than	3	0.791	0.784	0.776	0.769	0.761	0.753	0.746	0.740	0.734	0.729	0.724	0.719	0.716	0.715	0.714	0.713
Retiree	2	0.802	0.795	0.788	0.780	0.773	0.766	0.759	0.752	0.746	0.741	0.736	0.731	0.728	0.726	0.724	0.723
	1	0.812	0.805	0.798	0.791	0.784	0.777	0.770	0.764	0.758	0.752	0.747	0.742	0.738	0.735	0.733	0.731
Beneficiary same age as Retiree	**0**	**0.822**	**0.816**	**0.809**	**0.802**	**0.796**	**0.789**	**0.782**	**0.775**	**0.769**	**0.763**	**0.758**	**0.752**	**0.747**	**0.744**	**0.742**	**0.740**
Beneficiary	-1	0.832	0.826	0.819	0.813	0.806	0.799	0.792	0.786	0.779	0.773	0.767	0.761	0.756	0.752	0.750	0.748
older	-2	0.841	0.835	0.829	0.823	0.816	0.809	0.802	0.796	0.789	0.783	0.776	0.769	0.764	0.760	0.758	0.756
than	-3	0.850	0.844	0.839	0.832	0.826	0.819	0.812	0.805	0.798	0.791	0.784	0.777	0.772	0.768	0.765	0.763
Retiree	-4	0.858	0.853	0.847	0.841	0.834	0.827	0.820	0.813	0.806	0.798	0.792	0.785	0.779	0.775	0.772	0.769
	-5	0.866	0.861	0.856	0.849	0.843	0.835	0.828	0.821	0.813	0.806	0.799	0.792	0.786	0.782	0.778	0.774
	-6	0.874	0.869	0.863	0.857	0.850	0.843	0.835	0.827	0.820	0.813	0.806	0.799	0.793	0.788	0.783	0.778
	-7	0.881	0.876	0.870	0.864	0.857	0.849	0.842	0.834	0.826	0.819	0.812	0.805	0.798	0.792	0.787	0.781
	-8	0.887	0.882	0.877	0.870	0.863	0.855	0.848	0.840	0.833	0.825	0.818	0.810	0.803	0.796	0.790	0.784
	-9	0.893	0.888	0.882	0.876	0.869	0.861	0.853	0.846	0.838	0.831	0.823	0.814	0.806	0.799	0.793	0.787
	-10	0.899	0.894	0.888	0.881	0.874	0.866	0.859	0.851	0.843	0.835	0.827	0.818	0.809	0.802	0.796	0.790
	-11	0.904	0.898	0.892	0.886	0.879	0.871	0.864	0.856	0.848	0.839	0.830	0.821	0.812	0.805	0.798	
	-12	0.908	0.903	0.897	0.890	0.884	0.876	0.868	0.860	0.852	0.843	0.833	0.823	0.815	0.807		
	-13	0.912	0.907	0.901	0.895	0.888	0.880	0.872	0.864	0.854	0.845	0.836	0.826	0.817			
	-14	0.916	0.911	0.905	0.899	0.892	0.884	0.875	0.866	0.857	0.847	0.838	0.828				
	-15	0.919	0.914	0.909	0.902	0.895	0.887	0.878	0.869	0.859	0.850	0.840					

Mortality Table: Blended Healthy Mortality, Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 9a: 50% Joint and Survivor Annuity with Pop-up Feature - Option 3A - Healthy Members

(Factor Multiplied by Option 1 Non-Refund Life Annuity)

	Beneficiary Age Difference	Attained Age at Retirement															
		85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
Beneficiary	-16	0.922	0.917	0.912	0.905	0.897	0.889	0.880	0.871	0.861	0.852						
older	-17	0.925	0.920	0.914	0.907	0.900	0.891	0.882	0.873	0.863							
than	-18	0.928	0.923	0.917	0.909	0.901	0.893	0.884	0.874								
Retiree	-19	0.930	0.925	0.918	0.911	0.903	0.894	0.885									
	-20	0.932	0.926	0.920	0.913	0.905	0.896										
	-21	0.934	0.928	0.921	0.914	0.906											
	-22	0.935	0.929	0.923	0.915												
	-23	0.936	0.930	0.924													
	-24	0.937	0.931														
	-25	0.938															
	-26																
	-27																
	-28																
	-29																
	-30																
	-31																
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	-42																
	-43																
	-44																
	-45																
	-46																
	-47																
	-48																
	-49																
	-50																
Beneficiary	-51																
older	-52																
than	-53																
Retiree	-54																
	-55																

Mortality Table: Blended Healthy Mortality, Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 9a: 50% Joint and Survivor Annuity with Pop-up Feature - Option 3A - Healthy Members

(Factor Multiplied by Option 1 Non-Refund Life Annuity)

	Beneficiary Age Difference	Attained Age at Retirement															
		85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
Beneficiary older than Retiree	-56																
	-57																
	-58																
	-59																
	-60																
Beneficiary older than Retiree	-61																
	-62																
	-63																
	-64																
	-65																

Mortality Table: Blended Healthy Mortality, Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 9b: 50% Joint and Survivor Annuity with Pop-up Feature - Option 3A - Disabled Members

(Factor Multiplied by Option 1 Non-Refund Life Annuity)

	Beneficiary Age Difference	Attained Age at Retirement																			
		20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
Beneficiary	75																				
younger	74																				
than	73																				
Retiree	72																				
	71																				
	70																				
	69																				
	68																				
	67																				
	66																				
	65																				
	64																				
	63																				
	62																				
	61																				
	60																				
	59																				
	58																				
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	56																				
	55																				
	54																				
	53																				
	52																				
	51																				
	50																				
	49																				
	48																				
	47																				
	46																				
	45																				
	44																				
	43																				
	42																				
	41																				
Beneficiary	40																				
younger	39																				
than	38																				0.875
Retiree	37																			0.878	0.876
	36																		0.881	0.879	0.876

Mortality Table: Blended Disabled Mortality, Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 9b: 50% Joint and Survivor Annuity with Pop-up Feature - Option 3A - Disabled Members

(Factor Multiplied by Option 1 Non-Refund Life Annuity)

	Beneficiary Age Difference	Attained Age at Retirement																			
		20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
	35																	0.884	0.881	0.879	0.876
	34																0.886	0.884	0.882	0.879	0.877
	33															0.888	0.886	0.884	0.882	0.880	0.877
	32														0.890	0.889	0.887	0.885	0.882	0.880	0.877
	31													0.892	0.891	0.889	0.887	0.885	0.883	0.880	0.878
	30												0.894	0.893	0.891	0.889	0.887	0.885	0.883	0.881	0.878
	29											0.896	0.894	0.893	0.891	0.890	0.888	0.886	0.884	0.881	0.879
	28										0.897	0.896	0.895	0.893	0.892	0.890	0.888	0.886	0.884	0.882	0.879
	27									0.899	0.897	0.896	0.895	0.893	0.892	0.890	0.888	0.887	0.884	0.882	0.880
	26								0.900	0.899	0.898	0.897	0.895	0.894	0.892	0.891	0.889	0.887	0.885	0.883	0.880
	25							0.901	0.900	0.899	0.898	0.897	0.896	0.894	0.893	0.891	0.889	0.887	0.885	0.883	0.881
	24						0.902	0.901	0.900	0.899	0.898	0.897	0.896	0.895	0.893	0.891	0.890	0.888	0.886	0.884	0.881
	23					0.903	0.903	0.902	0.901	0.900	0.899	0.898	0.896	0.895	0.894	0.892	0.890	0.888	0.886	0.884	0.882
	22				0.904	0.904	0.903	0.902	0.901	0.900	0.899	0.898	0.897	0.895	0.894	0.892	0.891	0.889	0.887	0.885	0.882
	21			0.905	0.905	0.904	0.903	0.902	0.901	0.900	0.899	0.898	0.897	0.896	0.894	0.893	0.891	0.889	0.887	0.885	0.883
	20		0.906	0.905	0.905	0.904	0.903	0.903	0.902	0.901	0.900	0.899	0.898	0.896	0.895	0.893	0.892	0.890	0.888	0.886	0.884
	19	0.907	0.906	0.906	0.905	0.904	0.904	0.903	0.902	0.901	0.900	0.899	0.898	0.897	0.895	0.894	0.892	0.891	0.889	0.887	0.884
	18	0.907	0.907	0.906	0.905	0.905	0.904	0.903	0.902	0.902	0.901	0.900	0.898	0.897	0.896	0.894	0.893	0.891	0.889	0.887	0.885
	17	0.907	0.907	0.906	0.906	0.905	0.904	0.904	0.903	0.902	0.901	0.900	0.899	0.898	0.896	0.895	0.893	0.892	0.890	0.888	0.886
	16	0.908	0.907	0.907	0.906	0.905	0.905	0.904	0.903	0.902	0.902	0.901	0.899	0.898	0.897	0.896	0.894	0.892	0.891	0.889	0.887
	15	0.908	0.907	0.907	0.906	0.906	0.905	0.904	0.904	0.903	0.902	0.901	0.900	0.899	0.898	0.896	0.895	0.893	0.891	0.890	0.888
	14	0.908	0.908	0.907	0.907	0.906	0.906	0.905	0.904	0.903	0.902	0.902	0.901	0.899	0.898	0.897	0.895	0.894	0.892	0.890	0.888
	13	0.908	0.908	0.908	0.907	0.907	0.906	0.905	0.905	0.904	0.903	0.902	0.901	0.900	0.899	0.898	0.896	0.895	0.893	0.891	0.889
	12	0.909	0.908	0.908	0.907	0.907	0.906	0.906	0.905	0.904	0.903	0.903	0.902	0.901	0.899	0.898	0.897	0.895	0.894	0.892	0.890
	11	0.909	0.909	0.908	0.908	0.907	0.907	0.906	0.906	0.905	0.904	0.903	0.902	0.901	0.900	0.899	0.898	0.896	0.895	0.893	0.891
	10	0.910	0.909	0.909	0.908	0.908	0.907	0.907	0.906	0.905	0.905	0.904	0.903	0.902	0.901	0.900	0.898	0.897	0.896	0.894	0.892
	9	0.910	0.910	0.909	0.909	0.908	0.908	0.907	0.907	0.906	0.905	0.904	0.904	0.903	0.902	0.900	0.899	0.898	0.896	0.895	0.893
	8	0.910	0.910	0.910	0.909	0.909	0.908	0.908	0.907	0.906	0.906	0.905	0.904	0.903	0.902	0.901	0.900	0.899	0.897	0.896	0.894
	7	0.911	0.910	0.910	0.910	0.909	0.909	0.908	0.908	0.907	0.906	0.906	0.905	0.904	0.903	0.902	0.901	0.900	0.898	0.897	0.895
	6	0.911	0.911	0.910	0.910	0.910	0.909	0.909	0.908	0.908	0.907	0.906	0.906	0.905	0.904	0.903	0.902	0.901	0.899	0.898	0.896
Beneficiary	5	0.911	0.911	0.911	0.911	0.910	0.910	0.909	0.909	0.908	0.908	0.907	0.906	0.906	0.905	0.904	0.903	0.902	0.900	0.899	0.897
younger	4	0.912	0.912	0.911	0.911	0.911	0.910	0.910	0.909	0.909	0.908	0.908	0.907	0.906	0.906	0.905	0.904	0.903	0.901	0.900	0.898
than	3	0.912	0.912	0.912	0.912	0.911	0.911	0.911	0.910	0.910	0.909	0.909	0.908	0.907	0.906	0.906	0.905	0.904	0.902	0.901	0.900
Retiree	2	0.913	0.913	0.912	0.912	0.912	0.911	0.911	0.911	0.910	0.910	0.909	0.909	0.908	0.907	0.906	0.906	0.905	0.903	0.902	0.901
	1	0.913	0.913	0.913	0.913	0.912	0.912	0.912	0.911	0.911	0.911	0.910	0.910	0.909	0.908	0.907	0.907	0.906	0.905	0.903	0.902
Beneficiary same age as Retiree	**0**	**0.914**	**0.914**	**0.913**	**0.913**	**0.913**	**0.913**	**0.912**	**0.912**	**0.912**	**0.911**	**0.911**	**0.910**	**0.910**	**0.909**	**0.908**	**0.908**	**0.907**	**0.906**	**0.905**	**0.903**

Mortality Table: Blended Disabled Mortality, Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 9b: 50% Joint and Survivor Annuity with Pop-up Feature - Option 3A - Disabled Members

(Factor Multiplied by Option 1 Non-Refund Life Annuity)

	Beneficiary Age Difference	Attained Age at Retirement																			
		20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
Beneficiary	-1	0.914	0.914	0.914	0.914	0.914	0.913	0.913	0.913	0.912	0.912	0.912	0.911	0.911	0.910	0.909	0.909	0.908	0.907	0.906	0.905
older	-2	0.915	0.915	0.914	0.914	0.914	0.914	0.914	0.913	0.913	0.913	0.912	0.912	0.912	0.911	0.910	0.910	0.909	0.908	0.907	0.906
than	-3	0.915	0.915	0.915	0.915	0.915	0.915	0.914	0.914	0.914	0.914	0.913	0.913	0.912	0.912	0.911	0.911	0.910	0.909	0.908	0.907
Retiree	-4	0.916	0.916	0.916	0.916	0.915	0.915	0.915	0.915	0.915	0.914	0.914	0.914	0.913	0.913	0.912	0.912	0.911	0.910	0.910	0.909
	-5	0.916	0.916	0.916	0.916	0.916	0.916	0.916	0.916	0.916	0.915	0.915	0.915	0.914	0.914	0.914	0.913	0.912	0.912	0.911	0.910
	-6	0.917	0.917	0.917	0.917	0.917	0.917	0.917	0.916	0.916	0.916	0.916	0.916	0.915	0.915	0.915	0.914	0.914	0.913	0.912	0.911
	-7	0.917	0.917	0.917	0.917	0.917	0.917	0.917	0.917	0.917	0.917	0.917	0.917	0.916	0.916	0.916	0.915	0.915	0.914	0.914	0.913
	-8	0.918	0.918	0.918	0.918	0.918	0.918	0.918	0.918	0.918	0.918	0.918	0.918	0.917	0.917	0.917	0.916	0.916	0.915	0.915	0.914
	-9	0.919	0.919	0.919	0.919	0.919	0.919	0.919	0.919	0.919	0.919	0.919	0.919	0.918	0.918	0.918	0.918	0.917	0.917	0.916	0.916
	-10	0.919	0.919	0.919	0.919	0.920	0.920	0.920	0.920	0.920	0.920	0.920	0.920	0.920	0.919	0.919	0.919	0.919	0.918	0.918	0.917
	-11	0.920	0.920	0.920	0.920	0.920	0.920	0.921	0.921	0.921	0.921	0.921	0.921	0.921	0.920	0.920	0.920	0.920	0.920	0.919	0.919
	-12	0.920	0.921	0.921	0.921	0.921	0.921	0.921	0.921	0.922	0.922	0.922	0.922	0.922	0.922	0.922	0.921	0.921	0.921	0.921	0.920
	-13	0.921	0.921	0.921	0.922	0.922	0.922	0.922	0.922	0.922	0.923	0.923	0.923	0.923	0.923	0.923	0.923	0.923	0.922	0.922	0.922
	-14	0.922	0.922	0.922	0.922	0.923	0.923	0.923	0.923	0.923	0.924	0.924	0.924	0.924	0.924	0.924	0.924	0.924	0.924	0.924	0.923
	-15	0.922	0.923	0.923	0.923	0.923	0.924	0.924	0.924	0.924	0.925	0.925	0.925	0.925	0.925	0.925	0.925	0.925	0.925	0.925	0.925
	-16	0.923	0.923	0.924	0.924	0.924	0.925	0.925	0.925	0.925	0.926	0.926	0.926	0.926	0.926	0.927	0.927	0.927	0.927	0.927	0.926
	-17	0.924	0.924	0.925	0.925	0.925	0.926	0.926	0.926	0.926	0.927	0.927	0.927	0.928	0.928	0.928	0.928	0.928	0.928	0.928	0.928
	-18	0.925	0.925	0.925	0.926	0.926	0.926	0.927	0.927	0.927	0.928	0.928	0.928	0.929	0.929	0.929	0.929	0.930	0.930	0.930	0.930
	-19	0.925	0.926	0.926	0.927	0.927	0.927	0.928	0.928	0.929	0.929	0.929	0.930	0.930	0.930	0.931	0.931	0.931	0.931	0.931	0.931
	-20	0.926	0.927	0.927	0.927	0.928	0.928	0.929	0.929	0.930	0.930	0.930	0.931	0.931	0.932	0.932	0.932	0.933	0.933	0.933	0.933
	-21	0.927	0.927	0.928	0.928	0.929	0.929	0.930	0.930	0.931	0.931	0.932	0.932	0.933	0.933	0.933	0.934	0.934	0.934	0.934	0.935
	-22	0.928	0.928	0.929	0.929	0.930	0.930	0.931	0.931	0.932	0.932	0.933	0.933	0.934	0.934	0.935	0.935	0.936	0.936	0.936	0.936
	-23	0.929	0.929	0.930	0.930	0.931	0.931	0.932	0.932	0.933	0.934	0.934	0.935	0.935	0.936	0.936	0.937	0.937	0.937	0.938	0.938
	-24	0.929	0.930	0.931	0.931	0.932	0.932	0.933	0.934	0.934	0.935	0.935	0.936	0.937	0.937	0.938	0.938	0.939	0.939	0.939	0.940
	-25	0.930	0.931	0.932	0.932	0.933	0.933	0.934	0.935	0.935	0.936	0.937	0.937	0.938	0.939	0.939	0.940	0.940	0.941	0.941	0.941
	-26	0.931	0.932	0.933	0.933	0.934	0.935	0.935	0.936	0.937	0.937	0.938	0.939	0.939	0.940	0.941	0.941	0.942	0.942	0.943	0.943
	-27	0.932	0.933	0.934	0.934	0.935	0.936	0.936	0.937	0.938	0.939	0.939	0.940	0.941	0.941	0.942	0.943	0.943	0.944	0.944	0.945
	-28	0.933	0.934	0.935	0.935	0.936	0.937	0.937	0.938	0.939	0.940	0.941	0.941	0.942	0.943	0.944	0.944	0.945	0.946	0.946	0.947
	-29	0.934	0.935	0.936	0.936	0.937	0.938	0.939	0.939	0.940	0.941	0.942	0.943	0.944	0.944	0.945	0.946	0.947	0.947	0.948	0.948
	-30	0.935	0.936	0.937	0.937	0.938	0.939	0.940	0.941	0.942	0.942	0.943	0.944	0.945	0.946	0.947	0.947	0.948	0.949	0.950	0.950
	-31	0.936	0.937	0.938	0.939	0.939	0.940	0.941	0.942	0.943	0.944	0.945	0.946	0.946	0.947	0.948	0.949	0.950	0.951	0.951	0.952
	-32	0.937	0.938	0.939	0.940	0.941	0.941	0.942	0.943	0.944	0.945	0.946	0.947	0.948	0.949	0.950	0.951	0.951	0.952	0.953	0.954
	-33	0.938	0.939	0.940	0.941	0.942	0.943	0.944	0.944	0.945	0.946	0.947	0.948	0.949	0.950	0.951	0.952	0.953	0.954	0.955	0.955
	-34	0.939	0.940	0.941	0.942	0.943	0.944	0.945	0.946	0.947	0.948	0.949	0.950	0.951	0.952	0.953	0.954	0.955	0.955	0.956	0.957
	-35	0.940	0.941	0.942	0.943	0.944	0.945	0.946	0.947	0.948	0.949	0.950	0.951	0.952	0.953	0.954	0.955	0.956	0.957	0.958	0.959
Beneficiary	-36	0.941	0.942	0.943	0.944	0.945	0.946	0.947	0.948	0.949	0.950	0.952	0.953	0.954	0.955	0.956	0.957	0.958	0.959	0.960	0.961
older	-37	0.942	0.943	0.944	0.945	0.947	0.948	0.949	0.950	0.951	0.952	0.953	0.954	0.955	0.956	0.957	0.958	0.959	0.960	0.961	0.962
than	-38	0.944	0.945	0.946	0.947	0.948	0.949	0.950	0.951	0.952	0.953	0.954	0.955	0.957	0.958	0.959	0.960	0.961	0.962	0.963	0.964
Retiree	-39	0.945	0.946	0.947	0.948	0.949	0.950	0.951	0.952	0.953	0.955	0.956	0.957	0.958	0.959	0.960	0.961	0.962	0.963	0.964	0.965
	-40	0.946	0.947	0.948	0.949	0.950	0.951	0.952	0.954	0.955	0.956	0.957	0.958	0.959	0.961	0.962	0.963	0.964	0.965	0.966	0.967

Mortality Table: Blended Disabled Mortality, Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 9b: 50% Joint and Survivor Annuity with Pop-up Feature - Option 3A - Disabled Members

(Factor Multiplied by Option 1 Non-Refund Life Annuity)

	Beneficiary Age Difference	Attained Age at Retirement																			
		20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
Beneficiary	-41	0.947	0.948	0.949	0.950	0.951	0.953	0.954	0.955	0.956	0.957	0.958	0.960	0.961	0.962	0.963	0.964	0.965	0.967	0.968	0.969
older	-42	0.948	0.949	0.950	0.952	0.953	0.954	0.955	0.956	0.957	0.959	0.960	0.961	0.962	0.963	0.965	0.966	0.967	0.968	0.969	0.970
than	-43	0.949	0.951	0.952	0.953	0.954	0.955	0.956	0.958	0.959	0.960	0.961	0.962	0.964	0.965	0.966	0.967	0.968	0.969	0.971	0.972
Retiree	-44	0.951	0.952	0.953	0.954	0.955	0.956	0.958	0.959	0.960	0.961	0.963	0.964	0.965	0.966	0.967	0.969	0.970	0.971	0.972	0.973
	-45	0.952	0.953	0.954	0.955	0.957	0.958	0.959	0.960	0.961	0.963	0.964	0.965	0.966	0.968	0.969	0.970	0.971	0.972	0.973	0.974
	-46	0.953	0.954	0.955	0.957	0.958	0.959	0.960	0.962	0.963	0.964	0.965	0.966	0.968	0.969	0.970	0.971	0.972	0.974	0.975	0.976
	-47	0.954	0.955	0.957	0.958	0.959	0.960	0.962	0.963	0.964	0.965	0.967	0.968	0.969	0.970	0.971	0.973	0.974	0.975	0.976	0.977
	-48	0.955	0.957	0.958	0.959	0.960	0.962	0.963	0.964	0.965	0.967	0.968	0.969	0.970	0.972	0.973	0.974	0.975	0.976	0.977	0.978
	-49	0.957	0.958	0.959	0.960	0.962	0.963	0.964	0.965	0.967	0.968	0.969	0.970	0.972	0.973	0.974	0.975	0.976	0.977	0.978	0.979
	-50	0.958	0.959	0.960	0.962	0.963	0.964	0.965	0.967	0.968	0.969	0.970	0.972	0.973	0.974	0.975	0.976	0.978	0.979	0.980	0.981
	-51	0.959	0.960	0.962	0.963	0.964	0.965	0.967	0.968	0.969	0.970	0.972	0.973	0.974	0.975	0.976	0.978	0.979	0.980	0.981	0.982
	-52	0.960	0.962	0.963	0.964	0.965	0.967	0.968	0.969	0.971	0.972	0.973	0.974	0.975	0.977	0.978	0.979	0.980	0.981	0.982	0.983
	-53	0.962	0.963	0.964	0.965	0.967	0.968	0.969	0.971	0.972	0.973	0.974	0.975	0.977	0.978	0.979	0.980	0.981	0.982	0.983	0.983
	-54	0.963	0.964	0.965	0.967	0.968	0.969	0.971	0.972	0.973	0.974	0.975	0.977	0.978	0.979	0.980	0.981	0.982	0.983	0.983	0.984
	-55	0.964	0.965	0.967	0.968	0.969	0.971	0.972	0.973	0.974	0.975	0.977	0.978	0.979	0.980	0.981	0.982	0.983	0.984	0.984	0.985
	-56	0.965	0.967	0.968	0.969	0.971	0.972	0.973	0.974	0.975	0.977	0.978	0.979	0.980	0.981	0.982	0.983	0.984	0.984	0.985	0.986
	-57	0.967	0.968	0.969	0.971	0.972	0.973	0.974	0.975	0.977	0.978	0.979	0.980	0.981	0.982	0.983	0.984	0.984	0.985	0.986	0.986
	-58	0.968	0.969	0.971	0.972	0.973	0.974	0.975	0.977	0.978	0.979	0.980	0.981	0.982	0.983	0.984	0.984	0.985	0.986	0.986	0.987
	-59	0.969	0.971	0.972	0.973	0.974	0.975	0.977	0.978	0.979	0.980	0.981	0.982	0.983	0.984	0.984	0.985	0.986	0.986	0.987	0.987
	-60	0.971	0.972	0.973	0.974	0.975	0.977	0.978	0.979	0.980	0.981	0.982	0.983	0.984	0.984	0.985	0.986	0.986	0.987	0.987	0.988
	-61	0.972	0.973	0.974	0.975	0.977	0.978	0.979	0.980	0.981	0.982	0.983	0.984	0.984	0.985	0.986	0.986	0.987	0.987	0.988	0.988
	-62	0.973	0.974	0.975	0.977	0.978	0.979	0.980	0.981	0.982	0.983	0.984	0.984	0.985	0.986	0.986	0.987	0.988	0.988	0.988	0.989
	-63	0.974	0.975	0.977	0.978	0.979	0.980	0.981	0.982	0.983	0.984	0.984	0.985	0.986	0.986	0.987	0.988	0.988	0.988	0.989	0.989
	-64	0.975	0.977	0.978	0.979	0.980	0.981	0.982	0.983	0.984	0.984	0.985	0.986	0.986	0.987	0.988	0.988	0.988	0.989	0.989	0.990
	-65	0.977	0.978	0.979	0.980	0.981	0.982	0.983	0.984	0.984	0.985	0.986	0.986	0.987	0.988	0.988	0.988	0.989	0.989	0.990	0.990
	-66	0.978	0.979	0.980	0.981	0.982	0.983	0.984	0.984	0.985	0.986	0.986	0.987	0.988	0.988	0.988	0.989	0.989	0.990	0.990	0.990
	-67	0.979	0.980	0.981	0.982	0.983	0.984	0.984	0.985	0.986	0.986	0.987	0.988	0.988	0.988	0.989	0.989	0.990	0.990	0.990	0.990
	-68	0.980	0.981	0.982	0.983	0.984	0.984	0.985	0.986	0.986	0.987	0.988	0.988	0.988	0.989	0.989	0.990	0.990	0.990	0.990	0.990
	-69	0.981	0.982	0.983	0.984	0.984	0.985	0.986	0.986	0.987	0.988	0.988	0.988	0.989	0.989	0.990	0.990	0.990	0.990	0.990	0.991
	-70	0.982	0.983	0.984	0.984	0.985	0.986	0.986	0.987	0.988	0.988	0.988	0.989	0.989	0.990	0.990	0.990	0.990	0.991	0.991	0.991
	-71	0.983	0.984	0.984	0.985	0.986	0.986	0.987	0.988	0.988	0.988	0.989	0.989	0.990	0.990	0.990	0.990	0.991	0.991	0.991	0.991
	-72	0.984	0.984	0.985	0.986	0.986	0.987	0.988	0.988	0.988	0.989	0.989	0.990	0.990	0.990	0.990	0.991	0.991	0.991	0.991	
	-73	0.984	0.985	0.986	0.986	0.987	0.988	0.988	0.988	0.989	0.989	0.990	0.990	0.990	0.990	0.991	0.991	0.991	0.991		
	-74	0.985	0.986	0.986	0.987	0.988	0.988	0.988	0.989	0.989	0.990	0.990	0.990	0.990	0.991	0.991	0.991	0.991			
	-75	0.986	0.986	0.987	0.988	0.988	0.988	0.989	0.989	0.990	0.990	0.990	0.990	0.991	0.991	0.991	0.991				
Beneficiary	-76	0.986	0.987	0.988	0.988	0.988	0.989	0.989	0.990	0.990	0.990	0.990	0.991	0.991	0.991	0.991					
older	-77	0.987	0.988	0.988	0.988	0.989	0.989	0.990	0.990	0.990	0.990	0.991	0.991	0.991	0.991						
than	-78	0.988	0.988	0.988	0.989	0.989	0.990	0.990	0.990	0.990	0.991	0.991	0.991	0.991							
Retiree	-79	0.988	0.988	0.989	0.989	0.990	0.990	0.990	0.990	0.991	0.991	0.991	0.991								
	-80	0.988	0.989	0.989	0.990	0.990	0.990	0.990	0.991	0.991	0.991	0.991									

Mortality Table: Blended Disabled Mortality, Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 9b: 50% Joint and Survivor Annuity with Pop-up Feature - Option 3A - Disabled Members

(Factor Multiplied by Option 1 Non-Refund Life Annuity)

	Beneficiary Age Difference	Attained Age at Retirement																			
		20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
Beneficiary	-81	0.989	0.989	0.990	0.990	0.990	0.990	0.991	0.991	0.991	0.991										
older	-82	0.989	0.990	0.990	0.990	0.990	0.991	0.991	0.991	0.991											
than	-83	0.990	0.990	0.990	0.990	0.991	0.991	0.991	0.991												
Retiree	-84	0.990	0.990	0.990	0.991	0.991	0.991	0.991													
	-85	0.990	0.990	0.991	0.991	0.991	0.991														
	-86	0.990	0.991	0.991	0.991	0.991															
	-87	0.991	0.991	0.991	0.991																
	-88	0.991	0.991	0.991																	
	-89	0.991	0.991																		
	-90	0.991																			

Mortality Table: Blended Disabled Mortality, Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 9b: 50% Joint and Survivor Annuity with Pop-up Feature - Option 3A - Disabled Members

(Factor Multiplied by Option 1 Non-Refund Life Annuity)

	Beneficiary Age Difference	Attained Age at Retirement																			
		40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59
Beneficiary	75																				
younger	74																				
than	73																				
Retiree	72																				
	71																				
	70																				
	69																				
	68																				
	67																				
	66																				
	65																				
	64																				
	63																				
	62																				
	61																				
	60																				
	59																				
	58																				0.775
	57																			0.781	0.775
	56																		0.787	0.781	0.775
	55																	0.793	0.788	0.782	0.776
	54																0.799	0.794	0.788	0.782	0.776
	53															0.804	0.799	0.794	0.788	0.783	0.776
	52														0.810	0.805	0.800	0.794	0.789	0.783	0.777
	51													0.815	0.810	0.805	0.800	0.795	0.789	0.783	0.777
	50												0.821	0.816	0.811	0.805	0.800	0.795	0.789	0.784	0.778
	49											0.826	0.821	0.816	0.811	0.806	0.801	0.795	0.790	0.784	0.778
	48										0.831	0.826	0.821	0.816	0.811	0.806	0.801	0.796	0.790	0.785	0.779
	47									0.836	0.832	0.827	0.822	0.817	0.812	0.807	0.801	0.796	0.791	0.785	0.779
	46								0.842	0.837	0.832	0.827	0.822	0.817	0.812	0.807	0.802	0.797	0.791	0.786	0.780
	45							0.847	0.842	0.837	0.832	0.827	0.822	0.817	0.812	0.807	0.802	0.797	0.792	0.786	0.780
	44						0.852	0.847	0.842	0.837	0.833	0.828	0.823	0.818	0.813	0.808	0.803	0.798	0.792	0.787	0.781
	43					0.857	0.852	0.847	0.843	0.838	0.833	0.828	0.823	0.818	0.813	0.808	0.803	0.798	0.793	0.788	0.782
	42				0.861	0.857	0.853	0.848	0.843	0.838	0.833	0.829	0.824	0.819	0.814	0.809	0.804	0.799	0.794	0.788	0.782
	41			0.865	0.861	0.857	0.853	0.848	0.843	0.839	0.834	0.829	0.824	0.819	0.814	0.810	0.805	0.800	0.794	0.789	0.783
Beneficiary	40		0.869	0.865	0.862	0.858	0.853	0.848	0.844	0.839	0.834	0.829	0.825	0.820	0.815	0.810	0.805	0.800	0.795	0.790	0.784
younger	39	0.872	0.869	0.866	0.862	0.858	0.854	0.849	0.844	0.839	0.835	0.830	0.825	0.820	0.816	0.811	0.806	0.801	0.796	0.790	0.785
than	38	0.873	0.869	0.866	0.862	0.858	0.854	0.849	0.845	0.840	0.835	0.830	0.826	0.821	0.816	0.811	0.807	0.802	0.796	0.791	0.786
Retiree	37	0.873	0.870	0.866	0.863	0.859	0.854	0.850	0.845	0.840	0.836	0.831	0.826	0.822	0.817	0.812	0.807	0.802	0.797	0.792	0.786
	36	0.873	0.870	0.867	0.863	0.859	0.855	0.850	0.846	0.841	0.836	0.832	0.827	0.822	0.817	0.813	0.808	0.803	0.798	0.793	0.787

Mortality Table: Blended Disabled Mortality, Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 9b: 50% Joint and Survivor Annuity with Pop-up Feature - Option 3A - Disabled Members

(Factor Multiplied by Option 1 Non-Refund Life Annuity)

	Beneficiary Age Difference	Attained Age at Retirement																			
		40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59
	35	0.874	0.870	0.867	0.863	0.860	0.855	0.851	0.846	0.841	0.837	0.832	0.828	0.823	0.818	0.814	0.809	0.804	0.799	0.794	0.788
	34	0.874	0.871	0.868	0.864	0.860	0.856	0.851	0.847	0.842	0.837	0.833	0.828	0.824	0.819	0.814	0.810	0.805	0.800	0.795	0.789
	33	0.874	0.871	0.868	0.864	0.860	0.856	0.852	0.847	0.843	0.838	0.833	0.829	0.824	0.820	0.815	0.810	0.806	0.801	0.796	0.790
	32	0.875	0.872	0.868	0.865	0.861	0.857	0.852	0.848	0.843	0.839	0.834	0.830	0.825	0.821	0.816	0.811	0.807	0.802	0.797	0.792
	31	0.875	0.872	0.869	0.865	0.862	0.857	0.853	0.848	0.844	0.839	0.835	0.830	0.826	0.821	0.817	0.812	0.808	0.803	0.798	0.793
	30	0.876	0.873	0.869	0.866	0.862	0.858	0.854	0.849	0.845	0.840	0.836	0.831	0.827	0.822	0.818	0.813	0.809	0.804	0.799	0.794
	29	0.876	0.873	0.870	0.866	0.863	0.859	0.854	0.850	0.845	0.841	0.836	0.832	0.828	0.823	0.819	0.814	0.810	0.805	0.800	0.795
	28	0.877	0.874	0.870	0.867	0.863	0.859	0.855	0.850	0.846	0.842	0.837	0.833	0.829	0.824	0.820	0.816	0.811	0.807	0.802	0.797
	27	0.877	0.874	0.871	0.868	0.864	0.860	0.856	0.851	0.847	0.843	0.838	0.834	0.830	0.825	0.821	0.817	0.812	0.808	0.803	0.798
	26	0.878	0.875	0.872	0.868	0.865	0.861	0.856	0.852	0.848	0.843	0.839	0.835	0.831	0.826	0.822	0.818	0.814	0.809	0.805	0.800
	25	0.878	0.875	0.872	0.869	0.865	0.861	0.857	0.853	0.849	0.844	0.840	0.836	0.832	0.828	0.823	0.819	0.815	0.811	0.806	0.801
	24	0.879	0.876	0.873	0.870	0.866	0.862	0.858	0.854	0.849	0.845	0.841	0.837	0.833	0.829	0.825	0.821	0.816	0.812	0.808	0.803
	23	0.879	0.877	0.874	0.870	0.867	0.863	0.859	0.855	0.850	0.846	0.842	0.838	0.834	0.830	0.826	0.822	0.818	0.814	0.809	0.805
	22	0.880	0.877	0.874	0.871	0.868	0.864	0.860	0.856	0.851	0.847	0.843	0.839	0.835	0.831	0.827	0.823	0.819	0.815	0.811	0.806
	21	0.881	0.878	0.875	0.872	0.868	0.865	0.861	0.856	0.852	0.848	0.844	0.840	0.837	0.833	0.829	0.825	0.821	0.817	0.813	0.808
	20	0.881	0.879	0.876	0.873	0.869	0.866	0.862	0.858	0.854	0.850	0.846	0.842	0.838	0.834	0.830	0.826	0.823	0.819	0.815	0.810
	19	0.882	0.879	0.877	0.874	0.870	0.867	0.863	0.859	0.855	0.851	0.847	0.843	0.839	0.836	0.832	0.828	0.824	0.821	0.817	0.812
	18	0.883	0.880	0.877	0.874	0.871	0.868	0.864	0.860	0.856	0.852	0.848	0.844	0.841	0.837	0.833	0.830	0.826	0.822	0.819	0.814
	17	0.884	0.881	0.878	0.875	0.872	0.869	0.865	0.861	0.857	0.853	0.850	0.846	0.842	0.839	0.835	0.832	0.828	0.824	0.821	0.817
	16	0.884	0.882	0.879	0.876	0.873	0.870	0.866	0.862	0.858	0.855	0.851	0.847	0.844	0.840	0.837	0.833	0.830	0.826	0.823	0.819
	15	0.885	0.883	0.880	0.877	0.874	0.871	0.867	0.863	0.860	0.856	0.852	0.849	0.845	0.842	0.839	0.835	0.832	0.829	0.825	0.821
	14	0.886	0.884	0.881	0.878	0.875	0.872	0.868	0.865	0.861	0.857	0.854	0.851	0.847	0.844	0.841	0.837	0.834	0.831	0.827	0.824
	13	0.887	0.885	0.882	0.879	0.876	0.873	0.870	0.866	0.862	0.859	0.856	0.852	0.849	0.846	0.843	0.839	0.836	0.833	0.830	0.826
	12	0.888	0.886	0.883	0.881	0.878	0.874	0.871	0.867	0.864	0.861	0.857	0.854	0.851	0.848	0.845	0.842	0.839	0.835	0.832	0.829
	11	0.889	0.887	0.884	0.882	0.879	0.876	0.872	0.869	0.865	0.862	0.859	0.856	0.853	0.850	0.847	0.844	0.841	0.838	0.835	0.832
	10	0.890	0.888	0.886	0.883	0.880	0.877	0.874	0.870	0.867	0.864	0.861	0.858	0.855	0.852	0.849	0.846	0.843	0.840	0.838	0.834
	9	0.891	0.889	0.887	0.884	0.881	0.878	0.875	0.872	0.869	0.865	0.862	0.859	0.857	0.854	0.851	0.848	0.846	0.843	0.840	0.837
	8	0.892	0.890	0.888	0.885	0.883	0.880	0.877	0.873	0.870	0.867	0.864	0.861	0.859	0.856	0.853	0.851	0.848	0.846	0.843	0.840
	7	0.893	0.891	0.889	0.887	0.884	0.881	0.878	0.875	0.872	0.869	0.866	0.863	0.861	0.858	0.856	0.853	0.851	0.848	0.846	0.843
	6	0.894	0.893	0.890	0.888	0.886	0.883	0.880	0.877	0.874	0.871	0.868	0.865	0.863	0.860	0.858	0.856	0.853	0.851	0.849	0.846
Beneficiary	5	0.896	0.894	0.892	0.890	0.887	0.884	0.881	0.878	0.875	0.873	0.870	0.867	0.865	0.863	0.860	0.858	0.856	0.854	0.852	0.850
younger	4	0.897	0.895	0.893	0.891	0.889	0.886	0.883	0.880	0.877	0.875	0.872	0.870	0.867	0.865	0.863	0.861	0.859	0.857	0.855	0.853
than	3	0.898	0.896	0.894	0.892	0.890	0.887	0.885	0.882	0.879	0.877	0.874	0.872	0.870	0.867	0.865	0.864	0.862	0.860	0.858	0.856
Retiree	2	0.899	0.898	0.896	0.894	0.892	0.889	0.886	0.884	0.881	0.879	0.876	0.874	0.872	0.870	0.868	0.866	0.865	0.863	0.861	0.859
	1	0.901	0.899	0.897	0.895	0.893	0.891	0.888	0.885	0.883	0.881	0.878	0.876	0.874	0.872	0.871	0.869	0.867	0.866	0.864	0.863
Beneficiary same age as Retiree	**0**	**0.902**	**0.900**	**0.899**	**0.897**	**0.895**	**0.892**	**0.890**	**0.887**	**0.885**	**0.883**	**0.881**	**0.879**	**0.877**	**0.875**	**0.873**	**0.872**	**0.870**	**0.869**	**0.867**	**0.866**

Mortality Table: Blended Disabled Mortality, Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 9b: 50% Joint and Survivor Annuity with Pop-up Feature - Option 3A - Disabled Members

(Factor Multiplied by Option 1 Non-Refund Life Annuity)

	Beneficiary Age Difference	Attained Age at Retirement																			
		40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59
Beneficiary	-1	0.903	0.902	0.900	0.898	0.896	0.894	0.892	0.889	0.887	0.885	0.883	0.881	0.879	0.877	0.876	0.875	0.873	0.872	0.871	0.869
older	-2	0.905	0.903	0.902	0.900	0.898	0.896	0.894	0.891	0.889	0.887	0.885	0.883	0.882	0.880	0.879	0.877	0.876	0.875	0.874	0.873
than	-3	0.906	0.905	0.903	0.902	0.900	0.898	0.895	0.893	0.891	0.889	0.887	0.886	0.884	0.883	0.881	0.880	0.879	0.878	0.877	0.876
Retiree	-4	0.907	0.906	0.905	0.903	0.901	0.900	0.897	0.895	0.893	0.891	0.890	0.888	0.887	0.885	0.884	0.883	0.882	0.881	0.881	0.880
	-5	0.909	0.908	0.906	0.905	0.903	0.901	0.899	0.897	0.895	0.893	0.892	0.890	0.889	0.888	0.887	0.886	0.885	0.885	0.884	0.883
	-6	0.910	0.909	0.908	0.907	0.905	0.903	0.901	0.899	0.897	0.896	0.894	0.893	0.892	0.891	0.890	0.889	0.888	0.888	0.887	0.887
	-7	0.912	0.911	0.910	0.908	0.907	0.905	0.903	0.901	0.900	0.898	0.897	0.895	0.894	0.893	0.892	0.892	0.891	0.891	0.890	0.890
	-8	0.913	0.912	0.911	0.910	0.909	0.907	0.905	0.903	0.902	0.900	0.899	0.898	0.897	0.896	0.895	0.895	0.894	0.894	0.894	0.893
	-9	0.915	0.914	0.913	0.912	0.910	0.909	0.907	0.905	0.904	0.903	0.901	0.900	0.899	0.899	0.898	0.898	0.897	0.897	0.897	0.897
	-10	0.916	0.916	0.915	0.914	0.912	0.911	0.909	0.908	0.906	0.905	0.904	0.903	0.902	0.901	0.901	0.901	0.900	0.900	0.900	0.900
	-11	0.918	0.917	0.916	0.915	0.914	0.913	0.911	0.910	0.908	0.907	0.906	0.905	0.905	0.904	0.904	0.904	0.903	0.904	0.904	0.904
	-12	0.920	0.919	0.918	0.917	0.916	0.915	0.913	0.912	0.911	0.909	0.909	0.908	0.907	0.907	0.907	0.906	0.907	0.907	0.907	0.907
	-13	0.921	0.921	0.920	0.919	0.918	0.917	0.915	0.914	0.913	0.912	0.911	0.910	0.910	0.909	0.909	0.909	0.910	0.910	0.910	0.910
	-14	0.923	0.922	0.922	0.921	0.920	0.919	0.917	0.916	0.915	0.914	0.913	0.913	0.912	0.912	0.912	0.912	0.913	0.913	0.913	0.914
	-15	0.924	0.924	0.923	0.923	0.922	0.921	0.919	0.918	0.917	0.917	0.916	0.915	0.915	0.915	0.915	0.915	0.916	0.916	0.917	0.917
	-16	0.926	0.926	0.925	0.925	0.924	0.923	0.922	0.921	0.920	0.919	0.918	0.918	0.918	0.918	0.918	0.918	0.919	0.919	0.920	0.920
	-17	0.928	0.927	0.927	0.927	0.926	0.925	0.924	0.923	0.922	0.921	0.921	0.920	0.920	0.920	0.921	0.921	0.921	0.922	0.923	0.924
	-18	0.929	0.929	0.929	0.928	0.928	0.927	0.926	0.925	0.924	0.924	0.923	0.923	0.923	0.923	0.923	0.924	0.924	0.925	0.926	0.927
	-19	0.931	0.931	0.931	0.930	0.930	0.929	0.928	0.927	0.927	0.926	0.926	0.925	0.925	0.926	0.926	0.927	0.927	0.928	0.929	0.930
	-20	0.933	0.933	0.933	0.932	0.932	0.931	0.930	0.929	0.929	0.928	0.928	0.928	0.928	0.928	0.929	0.929	0.930	0.931	0.932	0.933
	-21	0.935	0.935	0.935	0.934	0.934	0.933	0.932	0.932	0.931	0.931	0.931	0.930	0.931	0.931	0.932	0.932	0.933	0.934	0.935	0.936
	-22	0.936	0.936	0.936	0.936	0.936	0.935	0.935	0.934	0.933	0.933	0.933	0.933	0.933	0.934	0.934	0.935	0.936	0.937	0.938	0.939
	-23	0.938	0.938	0.938	0.938	0.938	0.937	0.937	0.936	0.936	0.935	0.935	0.935	0.936	0.936	0.937	0.938	0.939	0.940	0.941	0.942
	-24	0.940	0.940	0.940	0.940	0.940	0.939	0.939	0.938	0.938	0.938	0.938	0.938	0.938	0.939	0.939	0.940	0.941	0.942	0.944	0.945
	-25	0.942	0.942	0.942	0.942	0.942	0.942	0.941	0.941	0.940	0.940	0.940	0.940	0.941	0.941	0.942	0.943	0.944	0.945	0.946	0.948
	-26	0.944	0.944	0.944	0.944	0.944	0.944	0.943	0.943	0.943	0.942	0.943	0.943	0.943	0.944	0.945	0.946	0.947	0.948	0.949	0.950
	-27	0.945	0.946	0.946	0.946	0.946	0.946	0.945	0.945	0.945	0.945	0.945	0.945	0.946	0.946	0.947	0.948	0.949	0.950	0.952	0.953
	-28	0.947	0.948	0.948	0.948	0.948	0.948	0.947	0.947	0.947	0.947	0.947	0.948	0.948	0.949	0.950	0.951	0.952	0.953	0.954	0.955
	-29	0.949	0.949	0.950	0.950	0.950	0.950	0.950	0.949	0.949	0.949	0.950	0.950	0.950	0.951	0.952	0.953	0.954	0.955	0.957	0.958
	-30	0.951	0.951	0.952	0.952	0.952	0.952	0.952	0.952	0.952	0.952	0.952	0.952	0.953	0.954	0.954	0.955	0.956	0.958	0.959	0.960
	-31	0.953	0.953	0.954	0.954	0.954	0.954	0.954	0.954	0.954	0.954	0.954	0.955	0.955	0.956	0.957	0.958	0.959	0.960	0.961	0.962
	-32	0.954	0.955	0.955	0.956	0.956	0.956	0.956	0.956	0.956	0.956	0.956	0.957	0.957	0.958	0.959	0.960	0.961	0.962	0.963	0.964
	-33	0.956	0.957	0.957	0.958	0.958	0.958	0.958	0.958	0.958	0.958	0.959	0.959	0.960	0.960	0.961	0.962	0.963	0.964	0.965	0.966
	-34	0.958	0.959	0.959	0.960	0.960	0.960	0.960	0.960	0.960	0.960	0.961	0.961	0.962	0.962	0.963	0.964	0.965	0.966	0.967	0.968
	-35	0.960	0.960	0.961	0.961	0.962	0.962	0.962	0.962	0.962	0.962	0.963	0.963	0.964	0.964	0.965	0.966	0.967	0.968	0.968	0.969
Beneficiary	-36	0.961	0.962	0.963	0.963	0.964	0.964	0.964	0.964	0.964	0.964	0.965	0.965	0.966	0.966	0.967	0.968	0.968	0.969	0.970	0.971
older	-37	0.963	0.964	0.965	0.965	0.966	0.966	0.966	0.966	0.966	0.966	0.967	0.967	0.967	0.968	0.969	0.969	0.970	0.971	0.971	0.972
than	-38	0.965	0.966	0.966	0.967	0.967	0.968	0.968	0.968	0.968	0.968	0.968	0.969	0.969	0.970	0.970	0.971	0.972	0.972	0.973	0.973
Retiree	-39	0.966	0.967	0.968	0.969	0.969	0.969	0.969	0.969	0.970	0.970	0.970	0.970	0.971	0.971	0.972	0.972	0.973	0.973	0.974	0.974
	-40	0.968	0.969	0.970	0.970	0.971	0.971	0.971	0.971	0.971	0.972	0.972	0.972	0.972	0.973	0.973	0.974	0.974	0.975	0.975	0.975

Mortality Table: Blended Disabled Mortality, Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 9b: 50% Joint and Survivor Annuity with Pop-up Feature - Option 3A - Disabled Members

(Factor Multiplied by Option 1 Non-Refund Life Annuity)

	Beneficiary Age Difference	Attained Age at Retirement																			
		40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59
Beneficiary	-41	0.970	0.970	0.971	0.972	0.972	0.973	0.973	0.973	0.973	0.973	0.973	0.974	0.974	0.974	0.974	0.975	0.975	0.976	0.976	0.976
older	-42	0.971	0.972	0.973	0.973	0.974	0.974	0.974	0.974	0.975	0.975	0.975	0.975	0.975	0.975	0.976	0.976	0.976	0.977	0.977	0.977
than	-43	0.973	0.973	0.974	0.975	0.975	0.976	0.976	0.976	0.976	0.976	0.976	0.976	0.976	0.976	0.977	0.977	0.977	0.977	0.978	0.978
Retiree	-44	0.974	0.975	0.976	0.976	0.977	0.977	0.977	0.977	0.977	0.977	0.977	0.977	0.977	0.978	0.978	0.978	0.978	0.978	0.978	0.979
	-45	0.975	0.976	0.977	0.978	0.978	0.979	0.978	0.978	0.978	0.978	0.978	0.978	0.978	0.978	0.979	0.979	0.979	0.979	0.979	0.979
	-46	0.977	0.978	0.978	0.979	0.980	0.980	0.980	0.980	0.980	0.980	0.979	0.979	0.979	0.979	0.979	0.979	0.980	0.980	0.980	0.980
	-47	0.978	0.979	0.980	0.980	0.981	0.981	0.981	0.981	0.981	0.981	0.980	0.980	0.980	0.980	0.980	0.980	0.980	0.980	0.980	0.980
	-48	0.979	0.980	0.981	0.981	0.982	0.982	0.982	0.982	0.982	0.981	0.981	0.981	0.981	0.981	0.981	0.981	0.981	0.981	0.981	0.981
	-49	0.980	0.981	0.982	0.982	0.983	0.983	0.983	0.983	0.982	0.982	0.982	0.982	0.982	0.982	0.981	0.981	0.981	0.981	0.981	0.981
	-50	0.981	0.982	0.983	0.983	0.984	0.984	0.984	0.983	0.983	0.983	0.983	0.983	0.982	0.982	0.982	0.982	0.982	0.982	0.981	0.981
	-51	0.982	0.983	0.984	0.984	0.984	0.985	0.984	0.984	0.984	0.984	0.983	0.983	0.983	0.983	0.982	0.982	0.982	0.982	0.982	0.982
	-52	0.983	0.984	0.985	0.985	0.985	0.985	0.985	0.985	0.984	0.984	0.984	0.984	0.983	0.983	0.983	0.983	0.982	0.982	0.982	
	-53	0.984	0.985	0.985	0.986	0.986	0.986	0.986	0.985	0.985	0.985	0.985	0.984	0.984	0.983	0.983	0.983	0.983	0.982		
	-54	0.985	0.985	0.986	0.986	0.987	0.987	0.986	0.986	0.986	0.985	0.985	0.985	0.984	0.984	0.983	0.983	0.983			
	-55	0.986	0.986	0.987	0.987	0.987	0.987	0.987	0.986	0.986	0.986	0.985	0.985	0.984	0.984	0.984	0.983				
	-56	0.986	0.987	0.987	0.987	0.988	0.988	0.987	0.987	0.987	0.986	0.986	0.985	0.985	0.984	0.984					
	-57	0.987	0.987	0.988	0.988	0.988	0.988	0.988	0.987	0.987	0.986	0.986	0.985	0.985	0.985						
	-58	0.987	0.988	0.988	0.988	0.989	0.988	0.988	0.988	0.987	0.987	0.986	0.986	0.985							
	-59	0.988	0.988	0.989	0.989	0.989	0.989	0.988	0.988	0.987	0.987	0.986	0.986								
	-60	0.988	0.989	0.989	0.989	0.989	0.989	0.989	0.988	0.988	0.987	0.987									
	-61	0.989	0.989	0.989	0.990	0.990	0.989	0.989	0.988	0.988	0.987										
	-62	0.989	0.989	0.990	0.990	0.990	0.990	0.989	0.989	0.988											
	-63	0.990	0.990	0.990	0.990	0.990	0.990	0.989	0.989												
	-64	0.990	0.990	0.990	0.990	0.990	0.990	0.989													
	-65	0.990	0.990	0.990	0.990	0.990	0.990														
	-66	0.990	0.990	0.991	0.991	0.991															
	-67	0.990	0.991	0.991	0.991																
	-68	0.991	0.991	0.991																	
	-69	0.991	0.991																		
	-70	0.991																			
	-71																				
	-72																				
	-73																				
	-74																				
	-75																				
Beneficiary	-76																				
older	-77																				
than	-78																				
Retiree	-79																				
	-80																				

Mortality Table: Blended Disabled Mortality, Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 9b: 50% Joint and Survivor Annuity with Pop-up Feature - Option 3A - Disabled Members

(Factor Multiplied by Option 1 Non-Refund Life Annuity)

	Beneficiary Age Difference	Attained Age at Retirement																			
		40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59
Beneficiary older than Retiree	-81																				
	-82																				
	-83																				
	-84																				
	-85																				
	-86																				
	-87																				
	-88																				
	-89																				
	-90																				

Mortality Table: Blended Disabled Mortality, Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 9b: 50% Joint and Survivor Annuity with Pop-up Feature - Option 3A - Disabled Members

(Factor Multiplied by Option 1 Non-Refund Life Annuity)

	Beneficiary Age Difference	Attained Age at Retirement															
		60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75
Beneficiary	75																
younger	74																0.616
than	73															0.629	0.616
Retiree	72														0.641	0.629	0.616
	71													0.653	0.641	0.629	0.617
	70												0.665	0.653	0.642	0.629	0.617
	69											0.676	0.665	0.654	0.642	0.630	0.617
	68										0.687	0.676	0.665	0.654	0.642	0.630	0.618
	67									0.698	0.688	0.677	0.666	0.654	0.643	0.631	0.618
	66								0.708	0.698	0.688	0.677	0.666	0.655	0.643	0.631	0.619
	65							0.718	0.709	0.699	0.688	0.677	0.666	0.655	0.643	0.631	0.619
	64						0.727	0.718	0.709	0.699	0.689	0.678	0.667	0.655	0.644	0.632	0.620
	63					0.736	0.728	0.719	0.709	0.699	0.689	0.678	0.667	0.656	0.644	0.632	0.620
	62				0.745	0.737	0.728	0.719	0.710	0.700	0.689	0.679	0.668	0.656	0.645	0.633	0.621
	61			0.753	0.745	0.737	0.728	0.719	0.710	0.700	0.690	0.679	0.668	0.657	0.645	0.633	0.621
	60		0.761	0.753	0.746	0.737	0.729	0.720	0.710	0.701	0.690	0.680	0.669	0.657	0.646	0.634	0.622
	59	0.768	0.761	0.754	0.746	0.738	0.729	0.720	0.711	0.701	0.691	0.680	0.669	0.658	0.646	0.635	0.622
	58	0.768	0.761	0.754	0.746	0.738	0.730	0.721	0.711	0.701	0.691	0.681	0.670	0.658	0.647	0.635	0.623
	57	0.769	0.762	0.754	0.747	0.739	0.730	0.721	0.712	0.702	0.692	0.681	0.670	0.659	0.648	0.636	0.624
	56	0.769	0.762	0.755	0.747	0.739	0.730	0.722	0.712	0.702	0.692	0.682	0.671	0.660	0.648	0.637	0.625
	55	0.769	0.762	0.755	0.747	0.739	0.731	0.722	0.713	0.703	0.693	0.682	0.672	0.660	0.649	0.637	0.625
	54	0.770	0.763	0.756	0.748	0.740	0.731	0.723	0.713	0.704	0.693	0.683	0.672	0.661	0.650	0.638	0.626
	53	0.770	0.763	0.756	0.748	0.740	0.732	0.723	0.714	0.704	0.694	0.684	0.673	0.662	0.651	0.639	0.627
	52	0.770	0.764	0.757	0.749	0.741	0.733	0.724	0.715	0.705	0.695	0.684	0.674	0.663	0.651	0.640	0.628
	51	0.771	0.764	0.757	0.749	0.742	0.733	0.724	0.715	0.706	0.696	0.685	0.675	0.664	0.652	0.641	0.629
	50	0.771	0.765	0.758	0.750	0.742	0.734	0.725	0.716	0.706	0.696	0.686	0.675	0.664	0.653	0.642	0.630
	49	0.772	0.765	0.758	0.751	0.743	0.734	0.726	0.717	0.707	0.697	0.687	0.676	0.665	0.654	0.643	0.631
	48	0.772	0.766	0.759	0.751	0.743	0.735	0.726	0.717	0.708	0.698	0.688	0.677	0.666	0.655	0.644	0.632
	47	0.773	0.766	0.759	0.752	0.744	0.736	0.727	0.718	0.709	0.699	0.689	0.678	0.667	0.656	0.645	0.633
	46	0.774	0.767	0.760	0.753	0.745	0.737	0.728	0.719	0.710	0.700	0.690	0.679	0.669	0.658	0.646	0.635
	45	0.774	0.768	0.761	0.753	0.746	0.737	0.729	0.720	0.711	0.701	0.691	0.680	0.670	0.659	0.648	0.636
	44	0.775	0.768	0.761	0.754	0.746	0.738	0.730	0.721	0.712	0.702	0.692	0.682	0.671	0.660	0.649	0.637
	43	0.776	0.769	0.762	0.755	0.747	0.739	0.731	0.722	0.713	0.703	0.693	0.683	0.672	0.661	0.650	0.639
	42	0.776	0.770	0.763	0.756	0.748	0.740	0.732	0.723	0.714	0.704	0.694	0.684	0.674	0.663	0.652	0.640
	41	0.777	0.771	0.764	0.757	0.749	0.741	0.733	0.724	0.715	0.705	0.696	0.685	0.675	0.664	0.653	0.642
Beneficiary	40	0.778	0.772	0.765	0.758	0.750	0.742	0.734	0.725	0.716	0.707	0.697	0.687	0.676	0.666	0.655	0.644
younger	39	0.779	0.772	0.766	0.759	0.751	0.743	0.735	0.726	0.717	0.708	0.698	0.688	0.678	0.667	0.657	0.646
than	38	0.780	0.773	0.767	0.760	0.752	0.745	0.736	0.728	0.719	0.709	0.700	0.690	0.680	0.669	0.658	0.648
Retiree	37	0.781	0.774	0.768	0.761	0.753	0.746	0.738	0.729	0.720	0.711	0.701	0.692	0.681	0.671	0.660	0.650
	36	0.782	0.775	0.769	0.762	0.755	0.747	0.739	0.731	0.722	0.713	0.703	0.693	0.683	0.673	0.662	0.652

Mortality Table: Blended Disabled Mortality, Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 9b: 50% Joint and Survivor Annuity with Pop-up Feature - Option 3A - Disabled Members

(Factor Multiplied by Option 1 Non-Refund Life Annuity)

	Beneficiary Age Difference	Attained Age at Retirement															
		60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75
	35	0.783	0.777	0.770	0.763	0.756	0.748	0.740	0.732	0.723	0.714	0.705	0.695	0.685	0.675	0.665	0.654
	34	0.784	0.778	0.771	0.764	0.757	0.750	0.742	0.734	0.725	0.716	0.707	0.697	0.687	0.677	0.667	0.656
	33	0.785	0.779	0.773	0.766	0.759	0.751	0.743	0.735	0.727	0.718	0.709	0.699	0.689	0.679	0.669	0.659
	32	0.786	0.780	0.774	0.767	0.760	0.753	0.745	0.737	0.729	0.720	0.711	0.701	0.692	0.682	0.672	0.661
	31	0.787	0.781	0.775	0.769	0.762	0.754	0.747	0.739	0.730	0.722	0.713	0.703	0.694	0.684	0.674	0.664
	30	0.789	0.783	0.777	0.770	0.763	0.756	0.749	0.741	0.732	0.724	0.715	0.706	0.696	0.687	0.677	0.667
	29	0.790	0.784	0.778	0.772	0.765	0.758	0.751	0.743	0.735	0.726	0.717	0.708	0.699	0.689	0.680	0.670
	28	0.791	0.786	0.780	0.774	0.767	0.760	0.753	0.745	0.737	0.728	0.720	0.711	0.702	0.692	0.683	0.673
	27	0.793	0.787	0.782	0.775	0.769	0.762	0.755	0.747	0.739	0.731	0.722	0.714	0.705	0.695	0.686	0.676
	26	0.795	0.789	0.783	0.777	0.771	0.764	0.757	0.749	0.742	0.733	0.725	0.716	0.708	0.698	0.689	0.680
	25	0.796	0.791	0.785	0.779	0.773	0.766	0.759	0.752	0.744	0.736	0.728	0.719	0.711	0.702	0.693	0.684
	24	0.798	0.793	0.787	0.781	0.775	0.768	0.762	0.754	0.747	0.739	0.731	0.722	0.714	0.705	0.696	0.687
	23	0.800	0.795	0.789	0.783	0.777	0.771	0.764	0.757	0.750	0.742	0.734	0.726	0.717	0.709	0.700	0.691
	22	0.802	0.797	0.791	0.786	0.780	0.773	0.767	0.760	0.752	0.745	0.737	0.729	0.721	0.713	0.704	0.695
	21	0.804	0.799	0.794	0.788	0.782	0.776	0.769	0.763	0.756	0.748	0.740	0.733	0.725	0.717	0.708	0.700
	20	0.806	0.801	0.796	0.790	0.785	0.779	0.772	0.766	0.759	0.751	0.744	0.736	0.729	0.721	0.713	0.704
	19	0.808	0.803	0.798	0.793	0.787	0.781	0.775	0.769	0.762	0.755	0.748	0.740	0.733	0.725	0.717	0.709
	18	0.810	0.806	0.801	0.796	0.790	0.784	0.778	0.772	0.765	0.759	0.751	0.744	0.737	0.729	0.722	0.714
	17	0.812	0.808	0.803	0.798	0.793	0.787	0.782	0.775	0.769	0.762	0.755	0.748	0.741	0.734	0.727	0.719
	16	0.815	0.811	0.806	0.801	0.796	0.791	0.785	0.779	0.773	0.766	0.760	0.753	0.746	0.739	0.732	0.724
	15	0.817	0.813	0.809	0.804	0.799	0.794	0.788	0.783	0.777	0.770	0.764	0.757	0.750	0.744	0.737	0.730
	14	0.820	0.816	0.812	0.807	0.802	0.797	0.792	0.786	0.780	0.774	0.768	0.762	0.755	0.749	0.742	0.735
	13	0.823	0.819	0.815	0.810	0.806	0.801	0.796	0.790	0.785	0.779	0.773	0.767	0.760	0.754	0.748	0.741
	12	0.825	0.822	0.818	0.813	0.809	0.804	0.799	0.794	0.789	0.783	0.777	0.771	0.765	0.759	0.753	0.747
	11	0.828	0.825	0.821	0.817	0.813	0.808	0.803	0.798	0.793	0.788	0.782	0.776	0.771	0.765	0.759	0.753
	10	0.831	0.828	0.824	0.820	0.816	0.812	0.807	0.803	0.798	0.792	0.787	0.782	0.776	0.771	0.765	0.759
	9	0.834	0.831	0.828	0.824	0.820	0.816	0.811	0.807	0.802	0.797	0.792	0.787	0.782	0.776	0.771	0.766
	8	0.837	0.834	0.831	0.827	0.824	0.820	0.816	0.811	0.807	0.802	0.797	0.792	0.787	0.782	0.777	0.772
	7	0.841	0.838	0.835	0.831	0.828	0.824	0.820	0.816	0.812	0.807	0.802	0.798	0.793	0.788	0.784	0.779
	6	0.844	0.841	0.838	0.835	0.832	0.828	0.824	0.820	0.816	0.812	0.808	0.803	0.799	0.795	0.790	0.786
Beneficiary	5	0.847	0.845	0.842	0.839	0.836	0.832	0.829	0.825	0.821	0.817	0.813	0.809	0.805	0.801	0.797	0.793
younger	4	0.851	0.848	0.845	0.843	0.840	0.837	0.833	0.830	0.826	0.822	0.819	0.815	0.811	0.807	0.803	0.799
than	3	0.854	0.852	0.849	0.847	0.844	0.841	0.838	0.835	0.831	0.828	0.824	0.821	0.817	0.813	0.810	0.806
Retiree	2	0.857	0.855	0.853	0.851	0.848	0.845	0.842	0.839	0.836	0.833	0.830	0.826	0.823	0.820	0.817	0.813
	1	0.861	0.859	0.857	0.855	0.852	0.850	0.847	0.844	0.841	0.838	0.835	0.832	0.829	0.826	0.823	0.820
Beneficiary same age as Retiree	**0**	**0.864**	**0.863**	**0.861**	**0.859**	**0.857**	**0.854**	**0.852**	**0.849**	**0.847**	**0.844**	**0.841**	**0.838**	**0.835**	**0.833**	**0.830**	**0.827**

Mortality Table: Blended Disabled Mortality, Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 9b: 50% Joint and Survivor Annuity with Pop-up Feature - Option 3A - Disabled Members

(Factor Multiplied by Option 1 Non-Refund Life Annuity)

	Beneficiary Age Difference	Attained Age at Retirement															
		60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75
Beneficiary	-1	0.868	0.866	0.865	0.863	0.861	0.859	0.856	0.854	0.852	0.849	0.846	0.844	0.841	0.839	0.837	0.834
older	-2	0.872	0.870	0.869	0.867	0.865	0.863	0.861	0.859	0.857	0.854	0.852	0.850	0.847	0.845	0.843	0.841
than	-3	0.875	0.874	0.873	0.871	0.869	0.868	0.866	0.864	0.862	0.860	0.858	0.856	0.854	0.852	0.850	0.848
Retiree	-4	0.879	0.878	0.876	0.875	0.874	0.872	0.871	0.869	0.867	0.865	0.863	0.861	0.860	0.858	0.856	0.855
	-5	0.882	0.881	0.880	0.879	0.878	0.877	0.875	0.874	0.872	0.870	0.869	0.867	0.866	0.864	0.863	0.861
	-6	0.886	0.885	0.884	0.883	0.882	0.881	0.880	0.879	0.877	0.876	0.874	0.873	0.871	0.870	0.869	0.868
	-7	0.889	0.889	0.888	0.887	0.886	0.886	0.884	0.883	0.882	0.881	0.880	0.878	0.877	0.876	0.875	0.874
	-8	0.893	0.893	0.892	0.891	0.891	0.890	0.889	0.888	0.887	0.886	0.885	0.884	0.883	0.882	0.881	0.881
	-9	0.897	0.896	0.896	0.895	0.895	0.894	0.894	0.893	0.892	0.891	0.890	0.889	0.889	0.888	0.887	0.887
	-10	0.900	0.900	0.900	0.899	0.899	0.899	0.898	0.897	0.897	0.896	0.895	0.895	0.894	0.894	0.893	0.893
	-11	0.904	0.904	0.904	0.903	0.903	0.903	0.902	0.902	0.902	0.901	0.900	0.900	0.899	0.899	0.899	0.898
	-12	0.907	0.907	0.907	0.907	0.907	0.907	0.907	0.907	0.906	0.906	0.905	0.905	0.905	0.904	0.904	0.904
	-13	0.911	0.911	0.911	0.911	0.911	0.911	0.911	0.911	0.911	0.910	0.910	0.910	0.910	0.909	0.909	0.909
	-14	0.914	0.915	0.915	0.915	0.915	0.915	0.915	0.915	0.915	0.915	0.915	0.915	0.915	0.914	0.914	0.914
	-15	0.918	0.918	0.919	0.919	0.919	0.919	0.919	0.920	0.920	0.919	0.919	0.919	0.919	0.919	0.919	0.919
	-16	0.921	0.922	0.922	0.923	0.923	0.923	0.923	0.924	0.924	0.924	0.924	0.924	0.924	0.924	0.923	0.923
	-17	0.924	0.925	0.926	0.926	0.927	0.927	0.927	0.928	0.928	0.928	0.928	0.928	0.928	0.928	0.928	0.927
	-18	0.928	0.928	0.929	0.930	0.930	0.931	0.931	0.932	0.932	0.932	0.932	0.932	0.932	0.932	0.931	0.931
	-19	0.931	0.932	0.932	0.933	0.934	0.934	0.935	0.935	0.936	0.936	0.936	0.936	0.936	0.935	0.935	0.935
	-20	0.934	0.935	0.936	0.937	0.937	0.938	0.938	0.939	0.939	0.939	0.939	0.939	0.939	0.939	0.938	0.938
	-21	0.937	0.938	0.939	0.940	0.941	0.941	0.942	0.942	0.943	0.943	0.943	0.942	0.942	0.942	0.941	0.941
	-22	0.940	0.941	0.942	0.943	0.944	0.944	0.945	0.945	0.946	0.946	0.946	0.946	0.945	0.945	0.944	0.943
	-23	0.943	0.944	0.945	0.946	0.947	0.948	0.948	0.948	0.949	0.949	0.949	0.948	0.948	0.947	0.947	0.946
	-24	0.946	0.947	0.948	0.949	0.950	0.950	0.951	0.951	0.951	0.951	0.951	0.951	0.950	0.950	0.949	0.948
	-25	0.949	0.950	0.951	0.952	0.953	0.953	0.954	0.954	0.954	0.954	0.954	0.953	0.953	0.952	0.951	0.950
	-26	0.951	0.953	0.954	0.954	0.955	0.956	0.956	0.956	0.956	0.956	0.956	0.955	0.955	0.954	0.953	0.952
	-27	0.954	0.955	0.956	0.957	0.958	0.958	0.958	0.959	0.959	0.958	0.958	0.957	0.956	0.956	0.955	0.954
	-28	0.956	0.958	0.958	0.959	0.960	0.960	0.961	0.961	0.960	0.960	0.960	0.959	0.958	0.957	0.956	0.955
	-29	0.959	0.960	0.961	0.961	0.962	0.962	0.962	0.962	0.962	0.962	0.961	0.960	0.960	0.959	0.958	0.956
	-30	0.961	0.962	0.963	0.963	0.964	0.964	0.964	0.964	0.964	0.963	0.963	0.962	0.961	0.960	0.959	0.958
	-31	0.963	0.964	0.965	0.965	0.966	0.966	0.966	0.966	0.965	0.965	0.964	0.963	0.963	0.961	0.960	0.958
	-32	0.965	0.966	0.966	0.967	0.967	0.967	0.967	0.967	0.967	0.966	0.965	0.965	0.964	0.962	0.961	0.959
	-33	0.967	0.967	0.968	0.968	0.969	0.969	0.969	0.968	0.968	0.967	0.967	0.966	0.965	0.963	0.962	0.960
	-34	0.968	0.969	0.969	0.970	0.970	0.970	0.970	0.970	0.969	0.968	0.968	0.967	0.965	0.964	0.962	0.961
	-35	0.970	0.970	0.971	0.971	0.971	0.971	0.971	0.971	0.970	0.969	0.968	0.967	0.966	0.964	0.963	0.961
Beneficiary	-36	0.971	0.972	0.972	0.972	0.972	0.972	0.972	0.972	0.971	0.970	0.969	0.968	0.967	0.965	0.964	
older	-37	0.972	0.973	0.973	0.973	0.973	0.973	0.973	0.972	0.972	0.971	0.970	0.968	0.967	0.966		
than	-38	0.974	0.974	0.974	0.974	0.974	0.974	0.974	0.973	0.972	0.971	0.970	0.969	0.968			
Retiree	-39	0.975	0.975	0.975	0.975	0.975	0.975	0.974	0.974	0.973	0.972	0.971	0.970				
	-40	0.976	0.976	0.976	0.976	0.976	0.975	0.975	0.974	0.973	0.972	0.971					

Mortality Table: Blended Disabled Mortality, Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 9b: 50% Joint and Survivor Annuity with Pop-up Feature - Option 3A - Disabled Members

(Factor Multiplied by Option 1 Non-Refund Life Annuity)

	Beneficiary Age Difference	Attained Age at Retirement															
		60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75
Beneficiary	-41	0.977	0.977	0.977	0.977	0.976	0.976	0.975	0.975	0.974	0.973						
older	-42	0.977	0.978	0.977	0.977	0.977	0.976	0.976	0.975	0.974							
than	-43	0.978	0.978	0.978	0.978	0.977	0.977	0.976	0.976								
Retiree	-44	0.979	0.979	0.979	0.978	0.978	0.977	0.977									
	-45	0.979	0.979	0.979	0.979	0.978	0.978										
	-46	0.980	0.980	0.979	0.979	0.978											
	-47	0.980	0.980	0.980	0.979												
	-48	0.980	0.980	0.980													
	-49	0.981	0.981														
	-50	0.981															
	-51																
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	-69																
	-70																
	-71																
	-72																
	-73																
	-74																
	-75																
Beneficiary	-76																
older	-77																
than	-78																
Retiree	-79																
	-80																

Mortality Table: Blended Disabled Mortality, Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 9b: 50% Joint and Survivor Annuity with Pop-up Feature - Option 3A - Disabled Members

(Factor Multiplied by Option 1 Non-Refund Life Annuity)

	Beneficiary Age Difference	Attained Age at Retirement															
		60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75
Beneficiary older than Retiree	-81																
	-82																
	-83																
	-84																
	-85																
	-86																
	-87																
	-88																
	-89																
	-90																

Mortality Table: Blended Disabled Mortality, Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 10: P&F Additional Unit Benefits - After Age 60 - Healthy and Disabled Members (Tier 1 / Tier 2 only)

(Amount of Monthly Annuity per $1,000 Paid by Member - Member's Portion Only)

No. of Months Units are Paid, up to Age 65	Factor	No. of Months Units are Paid, up to Age 65	Factor
1	1,000.00	31	35.26
2	501.51	32	34.26
3	335.34	33	33.32
4	252.26	34	32.43
5	202.42	35	31.60
6	169.19	36	30.81
7	145.45	37	30.06
8	127.65	38	29.36
9	113.81	39	28.69
10	102.73	40	28.05
11	93.67	41	27.44
12	86.12	42	26.87
13	79.74	43	26.32
14	74.26	44	25.80
15	69.52	45	25.30
16	65.36	46	24.82
17	61.70	47	24.36
18	58.45	48	23.92
19	55.53	49	23.50
20	52.91	50	23.09
21	50.54	51	22.71
22	48.39	52	22.33
23	46.42	53	21.98
24	44.62	54	21.63
25	42.96	55	21.30
26	41.43	56	20.98
27	40.01	57	20.67
28	38.70	58	20.37
29	37.47	59	20.08
30	36.33	60	19.80

Mortality: None
Interest Rate: 7.50%

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 11: P&F Additional Unit Benefits - Before Age 60 - Healthy and Disabled Members (Tier 1 / Tier 2 only)

(Amount of Monthly Annuity per $1,000 - Member's Portion Plus Matching Employer Portion)

No. of Months Units are Paid, up to Age 65	Factor	No. of Months Units are Paid, up to Age 65	Factor	No. of Months Units are Paid, up to Age 65	Factor	No. of Months Units are Paid, up to Age 65	Factor	No. of Months Units are Paid, up to Age 65	Factor	No. of Months Units are Paid, up to Age 65	Factor
60	39.60	90	28.70	120	23.34	150	20.20	180	18.15	210	16.74
61	39.06	91	28.47	121	23.21	151	20.11	181	18.10	211	16.70
62	38.54	92	28.23	122	23.08	152	20.03	182	18.04	212	16.66
63	38.04	93	28.01	123	22.96	153	19.95	183	17.99	213	16.62
64	37.55	94	27.79	124	22.83	154	19.87	184	17.93	214	16.58
65	37.08	95	27.57	125	22.71	155	19.80	185	17.88	215	16.55
66	36.62	96	27.36	126	22.59	156	19.72	186	17.83	216	16.51
67	36.17	97	27.15	127	22.47	157	19.64	187	17.78	217	16.47
68	35.74	98	26.94	128	22.35	158	19.57	188	17.73	218	16.43
69	35.32	99	26.74	129	22.24	159	19.49	189	17.68	219	16.40
70	34.92	100	26.55	130	22.12	160	19.42	190	17.63	220	16.36
71	34.52	101	26.36	131	22.01	161	19.35	191	17.58	221	16.33
72	34.14	102	26.17	132	21.90	162	19.28	192	17.53	222	16.29
73	33.76	103	25.99	133	21.80	163	19.21	193	17.48	223	16.26
74	33.40	104	25.81	134	21.69	164	19.14	194	17.43	224	16.22
75	33.05	105	25.63	135	21.58	165	19.07	195	17.38	225	16.19
76	32.70	106	25.46	136	21.48	166	19.01	196	17.34	226	16.16
77	32.37	107	25.29	137	21.38	167	18.94	197	17.29	227	16.12
78	32.04	108	25.12	138	21.28	168	18.87	198	17.25	228	16.09
79	31.72	109	24.96	139	21.18	169	18.81	199	17.20	229	16.06
80	31.41	110	24.79	140	21.09	170	18.75	200	17.16	230	16.02
81	31.11	111	24.64	141	20.99	171	18.68	201	17.11	231	15.99
82	30.82	112	24.48	142	20.90	172	18.62	202	17.07	232	15.96
83	30.53	113	24.33	143	20.81	173	18.56	203	17.03	233	15.93
84	30.25	114	24.18	144	20.71	174	18.50	204	16.98	234	15.90
85	29.98	115	24.04	145	20.62	175	18.44	205	16.94	235	15.87
86	29.71	116	23.89	146	20.54	176	18.38	206	16.90	236	15.84
87	29.45	117	23.75	147	20.45	177	18.32	207	16.86	237	15.81
88	29.20	118	23.61	148	20.36	178	18.26	208	16.82	238	15.78
89	28.95	119	23.48	149	20.28	179	18.21	209	16.78	239	15.75
										240	15.72

Mortality: None
Interest Rate: 7.50%

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 12: P&F Additional Unit Purchases by Payroll Deductions - Healthy and Disabled Members (Tier 1 / Tier 2 only)

(Based on a Purchase of 8 Units and a Monthly Payroll Period)

	Months of Attained Age at Commencement of Payroll Deduction											
Age	**0**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**
20	1.42	1.43	1.44	1.45	1.46	1.46	1.47	1.48	1.49	1.50	1.51	1.52
21	1.53	1.54	1.55	1.56	1.57	1.58	1.59	1.60	1.61	1.62	1.63	1.64
22	1.65	1.67	1.68	1.69	1.70	1.71	1.72	1.73	1.74	1.75	1.76	1.78
23	1.79	1.80	1.81	1.82	1.83	1.85	1.86	1.87	1.88	1.90	1.91	1.92
24	1.93	1.95	1.96	1.97	1.98	2.00	2.01	2.02	2.04	2.05	2.06	2.08
25	2.09	2.10	2.12	2.13	2.15	2.16	2.17	2.19	2.20	2.22	2.23	2.25
26	2.26	2.28	2.29	2.31	2.32	2.34	2.35	2.37	2.38	2.40	2.42	2.43
27	2.45	2.46	2.48	2.50	2.51	2.53	2.55	2.56	2.58	2.60	2.62	2.63
28	2.65	2.67	2.69	2.71	2.72	2.74	2.76	2.78	2.80	2.82	2.84	2.86
29	2.87	2.89	2.91	2.93	2.95	2.97	2.99	3.01	3.03	3.06	3.08	3.10
30	3.12	3.14	3.16	3.18	3.20	3.23	3.25	3.27	3.29	3.32	3.34	3.36
31	3.38	3.41	3.43	3.46	3.48	3.50	3.53	3.55	3.58	3.60	3.63	3.65
32	3.68	3.70	3.73	3.75	3.78	3.81	3.83	3.86	3.89	3.92	3.94	3.97
33	4.00	4.03	4.05	4.08	4.11	4.14	4.17	4.20	4.23	4.26	4.29	4.32
34	4.35	4.38	4.41	4.45	4.48	4.51	4.54	4.58	4.61	4.64	4.67	4.71
35	4.74	4.78	4.81	4.85	4.88	4.92	4.95	4.99	5.03	5.06	5.10	5.14
36	5.17	5.21	5.25	5.29	5.33	5.37	5.41	5.45	5.49	5.53	5.57	5.61
37	5.65	5.70	5.74	5.78	5.82	5.87	5.91	5.96	6.00	6.05	6.09	6.14
38	6.19	6.23	6.28	6.33	6.38	6.43	6.47	6.52	6.57	6.63	6.68	6.73
39	6.78	6.83	6.89	6.94	6.99	7.05	7.10	7.16	7.21	7.27	7.33	7.39

Mortality: None
Interest Rate: 7.50%

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 12: P&F Additional Unit Purchases by Payroll Deductions - Healthy and Disabled Members (Tier 1 / Tier 2 only)

(Based on a Purchase of 8 Units and a Monthly Payroll Period)

	Months of Attained Age at Commencement of Payroll Deduction											
Age	**0**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**
40	7.44	7.50	7.56	7.62	7.68	7.75	7.81	7.87	7.93	8.00	8.06	8.13
41	8.19	8.26	8.33	8.39	8.46	8.53	8.60	8.67	8.74	8.82	8.89	8.96
42	9.04	9.11	9.19	9.26	9.34	9.42	9.50	9.58	9.66	9.74	9.83	9.91
43	9.99	10.08	10.17	10.25	10.34	10.43	10.52	10.61	10.71	10.80	10.89	10.99
44	11.09	11.19	11.28	11.39	11.49	11.59	11.69	11.80	11.90	12.01	12.12	12.23
45	12.34	12.46	12.57	12.69	12.80	12.92	13.04	13.17	13.29	13.41	13.54	13.67
46	13.80	13.93	14.06	14.20	14.33	14.47	14.61	14.76	14.90	15.05	15.19	15.34
47	15.50	15.65	15.81	15.97	16.13	16.29	16.45	16.62	16.79	16.97	17.14	17.32
48	17.50	17.68	17.87	18.06	18.25	18.44	18.64	18.84	19.04	19.25	19.46	19.67
49	19.89	20.11	20.34	20.56	20.79	21.03	21.27	21.51	21.76	22.01	22.26	22.52
50	22.79	23.06	23.33	23.61	23.89	24.18	24.48	24.78	25.08	25.39	25.71	26.03
51	26.36	26.70	27.04	27.39	27.74	28.11	28.48	28.85	29.24	29.63	30.03	30.44
52	30.86	31.29	31.73	32.17	32.63	33.10	33.58	34.07	34.57	35.08	35.60	36.14
53	36.69	37.25	37.83	38.42	39.03	39.65	40.29	40.95	41.62	42.31	43.02	43.75
54	44.51	45.28	46.07	46.89	47.73	48.60	49.50	50.42	51.37	52.36	53.37	54.42
55	55.51	56.63	57.79	58.99	60.23	61.52	62.86	64.25	65.70	67.20	68.76	70.38
56	72.08	73.84	75.69	77.61	79.63	81.74	83.95	86.26	88.70	91.26	93.95	96.79
57	99.79	102.97	106.33	109.89	113.68	117.71	122.01	126.61	131.54	136.83	142.54	148.70
58	155.37	162.63	170.54	179.22	188.76	199.30	211.02	224.12	238.86	255.56	274.66	296.69
59	322.40	352.78	389.24	433.81	489.52	561.15	656.66	790.39	990.98	1325.31	1993.97	4000.00

Mortality: None
Interest Rate: 7.50%

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 13a: Full Cost Factors for Purchasing Service - Factor 1 - Healthy Members (Tier 1 / Tier 2 only)

(Present value of $1 of increased monthly benefit beginning at retirement age)

	Months of Attained Age at Retirement											
Age	**0**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**
45	199.08	198.95	198.82	198.70	198.57	198.44	198.31	198.18	198.05	197.93	197.80	197.67
46	197.54	197.41	197.27	197.14	197.00	196.87	196.74	196.60	196.47	196.33	196.20	196.06
47	195.93	195.79	195.65	195.51	195.37	195.23	195.09	194.95	194.81	194.67	194.53	194.39
48	194.25	194.10	193.96	193.81	193.66	193.51	193.37	193.22	193.07	192.92	192.78	192.63
49	192.48	192.33	192.17	192.02	191.86	191.71	191.56	191.40	191.25	191.09	190.94	190.78
50	190.63	190.47	190.31	190.14	189.98	189.82	189.66	189.49	189.33	189.17	189.01	188.84
51	188.68	188.51	188.34	188.17	188.00	187.83	187.67	187.50	187.33	187.16	186.99	186.82
52	186.65	186.47	186.30	186.12	185.94	185.76	185.59	185.41	185.23	185.05	184.88	184.70
53	184.52	184.34	184.15	183.97	183.78	183.60	183.41	183.23	183.04	182.86	182.67	182.49
54	182.30	182.11	181.91	181.72	181.53	181.33	181.14	180.95	180.75	180.56	180.37	180.17
55	179.98	179.78	179.58	179.37	179.17	178.97	178.77	178.56	178.36	178.16	177.96	177.75
56	177.55	177.34	177.13	176.92	176.71	176.50	176.29	176.07	175.86	175.65	175.44	175.23
57	175.02	174.80	174.58	174.37	174.15	173.93	173.71	173.49	173.27	173.06	172.84	172.62
58	172.40	172.17	171.95	171.72	171.49	171.26	171.04	170.81	170.58	170.35	170.13	169.90
59	169.67	169.43	169.20	168.96	168.72	168.49	168.25	168.01	167.78	167.54	167.30	167.07
60	166.83	166.58	166.34	166.09	165.85	165.60	165.36	165.11	164.86	164.62	164.37	164.13
61	163.88	163.63	163.37	163.12	162.86	162.61	162.36	162.10	161.85	161.59	161.34	161.08
62	160.83	160.57	160.31	160.04	159.78	159.52	159.26	158.99	158.73	158.47	158.21	157.94
63	157.68	157.41	157.14	156.87	156.60	156.33	156.06	155.79	155.52	155.25	154.98	154.71
64	154.44	154.16	153.89	153.61	153.33	153.06	152.78	152.50	152.23	151.95	151.67	151.40
65	151.12	150.84	150.55	150.27	149.99	149.70	149.42	149.14	148.85	148.57	148.29	148.00
66	147.72	147.43	147.14	146.85	146.56	146.27	145.99	145.70	145.41	145.12	144.83	144.54
67	144.25	143.95	143.66	143.36	143.07	142.77	142.48	142.18	141.88	141.59	141.29	141.00
68	140.70	140.40	140.10	139.79	139.49	139.19	138.89	138.58	138.28	137.98	137.68	137.37
69	137.07	136.76	136.45	136.14	135.83	135.52	135.21	134.89	134.58	134.27	133.96	133.65
70	133.34	133.02	132.71	132.39	132.08	131.76	131.45	131.13	130.81	130.50	130.18	129.87
71	129.55	129.23	128.91	128.59	128.26	127.94	127.62	127.30	126.98	126.66	126.33	126.01
72	125.69	125.36	125.04	124.71	124.38	124.06	123.73	123.40	123.08	122.75	122.42	122.10
73	121.77	121.44	121.11	120.78	120.45	120.12	119.79	119.45	119.12	118.79	118.46	118.13
74	117.80	117.46	117.13	116.79	116.46	116.12	115.79	115.45	115.11	114.78	114.44	114.11

Mortality Table: Blended Healthy Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 13a: Full Cost Factors for Purchasing Service - Factor 1 - Healthy Members (Tier 1 / Tier 2 only)

(Present value of $1 of increased monthly benefit beginning at retirement age)

	Months of Attained Age at Retirement											
Age	**0**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**
75	113.77	113.43	113.10	112.76	112.42	112.08	111.75	111.41	111.07	110.73	110.40	110.06
76	109.72	109.38	109.04	108.70	108.36	108.02	107.68	107.33	106.99	106.65	106.31	105.97
77	105.63	105.29	104.94	104.60	104.26	103.91	103.57	103.23	102.88	102.54	102.20	101.85
78	101.51	101.17	100.82	100.48	100.13	99.79	99.45	99.10	98.76	98.41	98.07	97.72
79	97.38	97.04	96.69	96.35	96.00	95.66	95.31	94.97	94.62	94.28	93.93	93.59
80	93.24	92.89	92.55	92.20	91.86	91.51	91.17	90.82	90.47	90.13	89.78	89.44
81	89.09	88.75	88.40	88.06	87.71	87.37	87.03	86.68	86.34	85.99	85.65	85.30
82	84.96	84.62	84.28	83.94	83.59	83.25	82.91	82.57	82.23	81.89	81.54	81.20
83	80.86	80.52	80.18	79.85	79.51	79.17	78.83	78.49	78.15	77.82	77.48	77.14
84	76.80	76.47	76.14	75.80	75.47	75.14	74.81	74.47	74.14	73.81	73.48	73.14
85	72.81	72.48	72.16	71.83	71.50	71.17	70.85	70.52	70.19	69.86	69.54	69.21
86	68.88	68.56	68.24	67.92	67.60	67.28	66.96	66.63	66.31	65.99	65.67	65.35
87	65.03	64.72	64.40	64.09	63.78	63.46	63.15	62.84	62.52	62.21	61.90	61.58
88	61.27	60.97	60.67	60.37	60.07	59.77	59.47	59.16	58.86	58.56	58.26	57.96
89	57.66	57.37	57.08	56.80	56.51	56.22	55.93	55.64	55.35	55.07	54.78	54.49
90	54.20	53.93	53.66	53.39	53.12	52.85	52.58	52.31	52.04	51.77	51.50	51.23
91	50.96	50.71	50.46	50.21	49.95	49.70	49.45	49.20	48.95	48.70	48.44	48.19
92	47.94	47.71	47.48	47.24	47.01	46.78	46.55	46.31	46.08	45.85	45.62	45.38
93	45.15	44.94	44.72	44.51	44.29	44.08	43.87	43.65	43.44	43.22	43.01	42.79
94	42.58	42.38	42.19	41.99	41.80	41.60	41.41	41.21	41.01	40.82	40.62	40.43
95	40.23	40.05	39.87	39.69	39.51	39.33	39.15	38.97	38.79	38.61	38.43	38.25
96	38.07	37.91	37.76	37.60	37.44	37.29	37.13	36.97	36.82	36.66	36.50	36.35
97	36.19	36.06	35.92	35.79	35.66	35.52	35.39	35.26	35.12	34.99	34.86	34.72
98	34.59	34.47	34.35	34.23	34.11	33.99	33.87	33.75	33.63	33.51	33.39	33.27
99	33.15	33.04	32.93	32.82	32.71	32.60	32.50	32.39	32.28	32.17	32.06	31.95
100	31.84											

Mortality Table: Blended Healthy Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 13b: Full Cost Factors for Purchasing Service - Factor 1 - Disabled Members (Tier 1 / Tier 2 only)

(Present value of $1 of increased monthly benefit beginning at retirement age)

	Months of Attained Age at Retirement											
Age	**0**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**
45	167.81	167.66	167.52	167.37	167.23	167.08	166.94	166.79	166.64	166.50	166.35	166.21
46	166.06	165.91	165.77	165.62	165.47	165.33	165.18	165.03	164.89	164.74	164.59	164.45
47	164.30	164.15	164.01	163.86	163.72	163.57	163.43	163.28	163.13	162.99	162.84	162.70
48	162.55	162.40	162.26	162.11	161.97	161.82	161.68	161.53	161.38	161.24	161.09	160.95
49	160.80	160.66	160.51	160.37	160.22	160.08	159.93	159.79	159.64	159.50	159.35	159.21
50	159.06	158.92	158.77	158.63	158.48	158.34	158.19	158.05	157.90	157.76	157.61	157.47
51	157.32	157.18	157.03	156.89	156.74	156.60	156.45	156.31	156.16	156.02	155.87	155.73
52	155.58	155.44	155.29	155.15	155.00	154.86	154.71	154.57	154.42	154.28	154.13	153.99
53	153.84	153.70	153.55	153.41	153.26	153.12	152.97	152.83	152.68	152.54	152.39	152.25
54	152.10	151.95	151.81	151.66	151.51	151.37	151.22	151.07	150.93	150.78	150.63	150.49
55	150.34	150.19	150.04	149.90	149.75	149.60	149.45	149.30	149.15	149.01	148.86	148.71
56	148.56	148.41	148.26	148.10	147.95	147.80	147.65	147.49	147.34	147.19	147.04	146.88
57	146.73	146.57	146.42	146.26	146.10	145.95	145.79	145.63	145.48	145.32	145.16	145.01
58	144.85	144.69	144.52	144.36	144.19	144.03	143.87	143.70	143.54	143.37	143.21	143.04
59	142.88	142.71	142.54	142.37	142.20	142.03	141.86	141.68	141.51	141.34	141.17	141.00
60	140.83	140.65	140.47	140.30	140.12	139.94	139.76	139.58	139.40	139.23	139.05	138.87
61	138.69	138.50	138.32	138.13	137.94	137.76	137.57	137.38	137.20	137.01	136.82	136.64
62	136.45	136.25	136.06	135.86	135.67	135.47	135.28	135.08	134.88	134.69	134.49	134.30
63	134.10	133.90	133.70	133.49	133.29	133.09	132.89	132.68	132.48	132.28	132.08	131.87
64	131.67	131.46	131.25	131.04	130.83	130.62	130.41	130.20	129.99	129.78	129.57	129.36
65	129.15	128.93	128.72	128.50	128.28	128.06	127.85	127.63	127.41	127.19	126.98	126.76
66	126.54	126.32	126.09	125.87	125.65	125.42	125.20	124.98	124.75	124.53	124.31	124.08
67	123.86	123.63	123.40	123.17	122.94	122.71	122.48	122.24	122.01	121.78	121.55	121.32
68	121.09	120.85	120.62	120.38	120.14	119.91	119.67	119.43	119.20	118.96	118.72	118.49
69	118.25	118.01	117.77	117.53	117.29	117.05	116.81	116.56	116.32	116.08	115.84	115.60
70	115.36	115.12	114.87	114.63	114.39	114.14	113.90	113.66	113.41	113.17	112.93	112.68
71	112.44	112.19	111.95	111.70	111.45	111.21	110.96	110.71	110.47	110.22	109.97	109.73
72	109.48	109.23	108.98	108.74	108.49	108.24	107.99	107.74	107.49	107.25	107.00	106.75
73	106.50	106.25	106.00	105.75	105.50	105.25	105.00	104.75	104.50	104.25	104.00	103.75
74	103.50	103.25	103.00	102.75	102.49	102.24	101.99	101.74	101.49	101.24	100.98	100.73

Mortality Table: Blended Disabled Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 13b: Full Cost Factors for Purchasing Service - Factor 1 - Disabled Members (Tier 1 / Tier 2 only)

(Present value of $1 of increased monthly benefit beginning at retirement age)

	Months of Attained Age at Retirement											
Age	**0**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**
75	100.48	100.23	99.98	99.72	99.47	99.22	98.97	98.71	98.46	98.21	97.96	97.70
76	97.45	97.20	96.94	96.69	96.43	96.18	95.93	95.67	95.42	95.16	94.91	94.65
77	94.40	94.15	93.89	93.64	93.38	93.13	92.88	92.62	92.37	92.11	91.86	91.60
78	91.35	91.09	90.84	90.58	90.33	90.07	89.82	89.56	89.30	89.05	88.79	88.54
79	88.28	88.02	87.77	87.51	87.25	87.00	86.74	86.48	86.23	85.97	85.71	85.46
80	85.20	84.94	84.68	84.42	84.16	83.90	83.65	83.39	83.13	82.87	82.61	82.35
81	82.09	81.83	81.57	81.31	81.04	80.78	80.52	80.26	80.00	79.74	79.47	79.21
82	78.95	78.69	78.42	78.16	77.89	77.63	77.36	77.10	76.83	76.57	76.30	76.04
83	75.77	75.50	75.23	74.96	74.69	74.42	74.16	73.89	73.62	73.35	73.08	72.81
84	72.54	72.27	71.99	71.72	71.44	71.17	70.89	70.62	70.34	70.07	69.79	69.52
85	69.24	68.96	68.67	68.39	68.11	67.82	67.54	67.26	66.97	66.69	66.41	66.12
86	65.84	65.56	65.27	64.99	64.70	64.42	64.13	63.85	63.56	63.28	62.99	62.71
87	62.42	62.14	61.86	61.57	61.29	61.01	60.73	60.44	60.16	59.88	59.60	59.31
88	59.03	58.76	58.48	58.21	57.93	57.66	57.38	57.11	56.83	56.56	56.28	56.01
89	55.73	55.46	55.20	54.93	54.66	54.39	54.13	53.86	53.59	53.32	53.06	52.79
90	52.52	52.27	52.01	51.76	51.51	51.25	51.00	50.75	50.49	50.24	49.99	49.73
91	49.48	49.24	49.00	48.76	48.52	48.28	48.05	47.81	47.57	47.33	47.09	46.85
92	46.61	46.39	46.16	45.94	45.72	45.49	45.27	45.05	44.82	44.60	44.38	44.15
93	43.93	43.72	43.52	43.31	43.11	42.90	42.70	42.49	42.28	42.08	41.87	41.67
94	41.46	41.27	41.08	40.89	40.70	40.51	40.33	40.14	39.95	39.76	39.57	39.38
95	39.19	39.02	38.84	38.67	38.49	38.32	38.14	37.97	37.79	37.62	37.44	37.27
96	37.09	36.94	36.79	36.65	36.50	36.35	36.20	36.05	35.90	35.76	35.61	35.46
97	35.31	35.19	35.06	34.94	34.81	34.69	34.57	34.44	34.32	34.19	34.07	33.94
98	33.82	33.71	33.59	33.48	33.37	33.25	33.14	33.03	32.91	32.80	32.69	32.57
99	32.46	32.35	32.25	32.14	32.03	31.92	31.82	31.71	31.60	31.49	31.39	31.28
100	31.17											

Mortality Table: Blended Disabled Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 14: Full Cost Factors for Purchasing Service - Factor 2 - Healthy and Disabled Members (Tier 1 / Tier 2 only)

(Used in combination with Tables 13 and 15 to calculate full cost present value adjustment of 2.00% COLA for years and months prior to earliest retirement age)

	Months Purchased to Accelerate Earliest Retirement Age											
Years Purchased to Accelerate Earliest Retirement Age	**0**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**
0	1.000	0.998	0.997	0.995	0.993	0.992	0.990	0.988	0.987	0.985	0.983	0.982
1	0.980	0.978	0.977	0.975	0.974	0.972	0.971	0.969	0.967	0.966	0.964	0.963
2	0.961	0.959	0.958	0.956	0.955	0.953	0.952	0.950	0.948	0.947	0.945	0.944
3	0.942	0.941	0.939	0.938	0.936	0.935	0.933	0.932	0.930	0.929	0.927	0.926
4	0.924	0.923	0.921	0.920	0.918	0.917	0.915	0.914	0.912	0.911	0.909	0.908
5	0.906	0.905	0.903	0.902	0.900	0.899	0.897	0.896	0.894	0.893	0.891	0.890
6	0.888	0.887	0.885	0.884	0.882	0.881	0.880	0.878	0.877	0.875	0.874	0.872
7	0.871	0.870	0.868	0.867	0.865	0.864	0.862	0.861	0.859	0.858	0.856	0.855
8	0.853	0.852	0.850	0.849	0.848	0.846	0.845	0.844	0.842	0.841	0.840	0.838
9	0.837	0.836	0.834	0.833	0.831	0.830	0.829	0.827	0.826	0.824	0.823	0.821
10	0.820											

Mortality Table: None
Interest Rate: 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 15: Full Cost Factors for Purchasing Service - Factor 3 - Healthy and Disabled Members (Tier 1 / Tier 2 only)

(Used in combination with Tables 13 and 14 to calculate full cost present value of additional monthly benefits that will be distributed because purchase allows the member to retire before earliest retirement age)

	Months Purchased to Accelerate Earliest Retirement Age											
Years Purchased to Accelerate Earliest Retirement Age	**0**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**
0	0.000	0.994	1.980	2.959	3.930	4.894	5.851	6.800	7.742	8.676	9.603	10.523
1	11.436	12.342	13.241	14.132	15.017	15.895	16.766	17.630	18.487	19.338	20.182	21.019
2	21.850	22.674	23.492	24.303	25.107	25.906	26.698	27.483	28.262	29.035	29.802	30.563
3	31.318	32.066	32.808	33.545	34.275	35.000	35.719	36.431	37.138	37.840	38.535	39.225
4	39.909	40.588	41.260	41.928	42.590	43.246	43.897	44.542	45.182	45.817	46.447	47.071
5	47.690	48.304	48.912	49.516	50.114	50.707	51.295	51.879	52.457	53.030	53.598	54.162
6	54.721	55.274	55.824	56.368	56.907	57.442	57.973	58.498	59.019	59.536	60.048	60.555
7	61.058	61.556	62.050	62.540	63.025	63.506	63.983	64.455	64.923	65.387	65.847	66.302
8	66.754	67.201	67.644	68.083	68.518	68.949	69.377	69.800	70.219	70.634	71.046	71.453
9	71.857	72.257	72.653	73.046	73.434	73.819	74.201	74.578	74.952	75.323	75.690	76.053
10	76.413											

Mortality Table: None
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 16a: Full Cost Factors for Purchasing Service - Factor 5 - Healthy Members (Tier 1 / Tier 2 only)

(Present value of RHIA benefit payable at age 65, or retirement age if later, with no mortality during deferral period)

	Months of Attained Age at Retirement											
Age	**0**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**
45	1,849	1,860	1,872	1,883	1,894	1,905	1,917	1,928	1,939	1,950	1,962	1,973
46	1,984	1,996	2,008	2,020	2,032	2,044	2,057	2,069	2,081	2,093	2,105	2,117
47	2,129	2,142	2,155	2,168	2,181	2,194	2,207	2,220	2,233	2,246	2,259	2,272
48	2,285	2,299	2,313	2,327	2,341	2,355	2,369	2,382	2,396	2,410	2,424	2,438
49	2,452	2,467	2,482	2,497	2,512	2,527	2,542	2,556	2,571	2,586	2,601	2,616
50	2,631	2,647	2,663	2,679	2,695	2,711	2,727	2,743	2,759	2,775	2,791	2,807
51	2,823	2,840	2,857	2,875	2,892	2,909	2,926	2,943	2,960	2,978	2,995	3,012
52	3,029	3,047	3,066	3,084	3,103	3,121	3,140	3,158	3,176	3,195	3,213	3,232
53	3,250	3,270	3,290	3,309	3,329	3,349	3,369	3,388	3,408	3,428	3,448	3,467
54	3,487	3,508	3,530	3,551	3,572	3,593	3,615	3,636	3,657	3,678	3,700	3,721
55	3,742	3,765	3,788	3,810	3,833	3,856	3,879	3,901	3,924	3,947	3,970	3,992
56	4,015	4,039	4,064	4,088	4,112	4,137	4,161	4,185	4,210	4,234	4,258	4,283
57	4,307	4,333	4,359	4,386	4,412	4,438	4,464	4,490	4,516	4,543	4,569	4,595
58	4,621	4,649	4,677	4,705	4,733	4,761	4,790	4,818	4,846	4,874	4,902	4,930
59	4,958	4,988	5,018	5,048	5,078	5,108	5,139	5,169	5,199	5,229	5,259	5,289
60	5,319	5,351	5,384	5,416	5,448	5,480	5,513	5,545	5,577	5,609	5,642	5,674
61	5,706	5,741	5,775	5,810	5,845	5,879	5,914	5,949	5,983	6,018	6,053	6,087
62	6,122	6,159	6,196	6,234	6,271	6,308	6,345	6,382	6,419	6,457	6,494	6,531
63	6,568	6,608	6,648	6,687	6,727	6,767	6,807	6,846	6,886	6,926	6,966	7,005
64	7,045	7,088	7,131	7,173	7,216	7,259	7,302	7,344	7,387	7,430	7,473	7,515
65	7,558	7,547	7,535	7,524	7,512	7,501	7,489	7,478	7,466	7,455	7,443	7,432
66	7,420	7,408	7,396	7,385	7,373	7,361	7,349	7,337	7,325	7,314	7,302	7,290
67	7,278	7,266	7,253	7,241	7,229	7,216	7,204	7,192	7,179	7,167	7,155	7,142
68	7,130	7,117	7,105	7,092	7,079	7,066	7,054	7,041	7,028	7,015	7,003	6,990
69	6,977	6,964	6,951	6,937	6,924	6,911	6,898	6,884	6,871	6,858	6,845	6,831
70	6,818	6,804	6,791	6,777	6,764	6,750	6,737	6,723	6,709	6,696	6,682	6,669
71	6,655	6,641	6,627	6,613	6,599	6,585	6,571	6,556	6,542	6,528	6,514	6,500
72	6,486	6,472	6,457	6,443	6,428	6,414	6,400	6,385	6,371	6,356	6,342	6,327
73	6,313	6,298	6,284	6,269	6,254	6,239	6,225	6,210	6,195	6,180	6,166	6,151
74	6,136	6,121	6,106	6,091	6,075	6,060	6,045	6,030	6,015	6,000	5,984	5,969

Mortality Table: Blended Healthy Mortality, None in the Deferral Period
Interest Rate: 7.50%

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 16a: Full Cost Factors for Purchasing Service - Factor 5 - Healthy Members (Tier 1 / Tier 2 only)

(Present value of RHIA benefit payable at age 65, or retirement age if later, with no mortality during deferral period)

	Months of Attained Age at Retirement											
Age	**0**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**
75	5,954	5,939	5,923	5,908	5,892	5,877	5,862	5,846	5,831	5,815	5,800	5,784
76	5,769	5,753	5,738	5,722	5,706	5,690	5,675	5,659	5,643	5,627	5,612	5,596
77	5,580	5,564	5,548	5,532	5,516	5,500	5,484	5,468	5,452	5,436	5,420	5,404
78	5,388	5,372	5,356	5,339	5,323	5,307	5,291	5,274	5,258	5,242	5,226	5,209
79	5,193	5,177	5,160	5,144	5,127	5,111	5,094	5,078	5,061	5,045	5,028	5,012
80	4,995	4,978	4,962	4,945	4,928	4,912	4,895	4,878	4,862	4,845	4,828	4,812
81	4,795	4,778	4,762	4,745	4,728	4,711	4,695	4,678	4,661	4,644	4,628	4,611
82	4,594	4,577	4,560	4,544	4,527	4,510	4,493	4,476	4,459	4,443	4,426	4,409
83	4,392	4,375	4,359	4,342	4,325	4,308	4,292	4,275	4,258	4,241	4,225	4,208
84	4,191	4,174	4,158	4,141	4,124	4,107	4,091	4,074	4,057	4,040	4,024	4,007
85	3,990	3,973	3,957	3,940	3,924	3,907	3,891	3,874	3,857	3,841	3,824	3,808
86	3,791	3,775	3,758	3,742	3,725	3,709	3,693	3,676	3,660	3,643	3,627	3,610
87	3,594	3,578	3,562	3,546	3,529	3,513	3,497	3,481	3,465	3,449	3,432	3,416
88	3,400	3,384	3,369	3,353	3,337	3,322	3,306	3,290	3,275	3,259	3,243	3,228
89	3,212	3,197	3,182	3,167	3,151	3,136	3,121	3,106	3,091	3,076	3,060	3,045
90	3,030	3,016	3,002	2,987	2,973	2,959	2,945	2,930	2,916	2,902	2,888	2,873
91	2,859	2,846	2,832	2,819	2,805	2,792	2,779	2,765	2,752	2,738	2,725	2,711
92	2,698	2,686	2,673	2,661	2,648	2,636	2,624	2,611	2,599	2,586	2,574	2,561
93	2,549	2,538	2,526	2,515	2,503	2,492	2,480	2,469	2,457	2,446	2,434	2,423
94	2,411	2,400	2,390	2,379	2,368	2,358	2,347	2,336	2,326	2,315	2,304	2,294
95	2,283	2,273	2,264	2,254	2,244	2,234	2,225	2,215	2,205	2,195	2,186	2,176
96	2,166	2,157	2,149	2,140	2,132	2,123	2,115	2,106	2,097	2,089	2,080	2,072
97	2,063	2,056	2,049	2,041	2,034	2,027	2,020	2,012	2,005	1,998	1,991	1,983
98	1,976	1,970	1,963	1,957	1,950	1,944	1,937	1,931	1,924	1,918	1,911	1,905
99	1,898	1,892	1,886	1,880	1,874	1,868	1,862	1,856	1,850	1,844	1,838	1,832
100	1,826											

Mortality Table: Blended Healthy Mortality, None in the Deferral Period
Interest Rate: 7.50%

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 16b: Full Cost Factors for Purchasing Service - Factor 5 - Disabled Members (Tier 1 / Tier 2 only)

(Present value of RHIA benefit payable at age 65, or retirement age if later, with no mortality during deferral period)

	Months of Attained Age at Retirement											
Age	**0**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**
45	1,652	1,662	1,672	1,682	1,692	1,702	1,712	1,721	1,731	1,741	1,751	1,761
46	1,771	1,782	1,792	1,803	1,813	1,824	1,835	1,845	1,856	1,866	1,877	1,887
47	1,898	1,909	1,921	1,932	1,943	1,955	1,966	1,977	1,989	2,000	2,011	2,023
48	2,034	2,046	2,058	2,070	2,082	2,094	2,107	2,119	2,131	2,143	2,155	2,167
49	2,179	2,192	2,205	2,218	2,231	2,244	2,257	2,270	2,283	2,296	2,309	2,322
50	2,335	2,349	2,363	2,377	2,391	2,405	2,419	2,433	2,447	2,461	2,475	2,489
51	2,503	2,518	2,533	2,548	2,563	2,578	2,593	2,607	2,622	2,637	2,652	2,667
52	2,682	2,698	2,714	2,730	2,746	2,762	2,778	2,793	2,809	2,825	2,841	2,857
53	2,873	2,890	2,907	2,925	2,942	2,959	2,976	2,993	3,010	3,028	3,045	3,062
54	3,079	3,097	3,116	3,134	3,152	3,171	3,189	3,207	3,226	3,244	3,262	3,281
55	3,299	3,319	3,338	3,358	3,378	3,397	3,417	3,437	3,456	3,476	3,496	3,515
56	3,535	3,556	3,577	3,598	3,619	3,640	3,661	3,682	3,703	3,724	3,745	3,766
57	3,787	3,810	3,832	3,855	3,877	3,900	3,922	3,945	3,967	3,990	4,012	4,035
58	4,057	4,081	4,105	4,130	4,154	4,178	4,202	4,226	4,250	4,275	4,299	4,323
59	4,347	4,373	4,399	4,425	4,450	4,476	4,502	4,528	4,554	4,580	4,605	4,631
60	4,657	4,685	4,712	4,740	4,767	4,795	4,823	4,850	4,878	4,905	4,933	4,960
61	4,988	5,018	5,047	5,077	5,107	5,136	5,166	5,196	5,225	5,255	5,285	5,314
62	5,344	5,376	5,407	5,439	5,471	5,502	5,534	5,566	5,597	5,629	5,661	5,692
63	5,724	5,758	5,792	5,826	5,860	5,894	5,928	5,962	5,996	6,030	6,064	6,098
64	6,132	6,168	6,205	6,241	6,277	6,314	6,350	6,386	6,423	6,459	6,495	6,532
65	6,568	6,559	6,550	6,541	6,532	6,523	6,514	6,504	6,495	6,486	6,477	6,468
66	6,459	6,449	6,440	6,430	6,421	6,411	6,402	6,392	6,382	6,373	6,363	6,354
67	6,344	6,334	6,324	6,315	6,305	6,295	6,285	6,275	6,265	6,256	6,246	6,236
68	6,226	6,216	6,205	6,195	6,185	6,174	6,164	6,154	6,143	6,133	6,123	6,112
69	6,102	6,091	6,081	6,070	6,060	6,049	6,039	6,028	6,017	6,007	5,996	5,986
70	5,975	5,964	5,954	5,943	5,932	5,921	5,911	5,900	5,889	5,878	5,868	5,857
71	5,846	5,835	5,824	5,813	5,802	5,791	5,780	5,769	5,758	5,747	5,736	5,725
72	5,714	5,703	5,692	5,681	5,669	5,658	5,647	5,636	5,625	5,614	5,602	5,591
73	5,580	5,569	5,557	5,546	5,535	5,523	5,512	5,501	5,489	5,478	5,467	5,455
74	5,444	5,432	5,421	5,409	5,398	5,386	5,375	5,363	5,351	5,340	5,328	5,317

Mortality Table: Blended Disabled Mortality, None in the Deferral Period
Interest Rate: 7.50%

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 16b: Full Cost Factors for Purchasing Service - Factor 5 - Disabled Members (Tier 1 / Tier 2 only)

(Present value of RHIA benefit payable at age 65, or retirement age if later, with no mortality during deferral period)

	Months of Attained Age at Retirement											
Age	**0**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**
75	5,305	5,293	5,282	5,270	5,258	5,247	5,235	5,223	5,212	5,200	5,188	5,177
76	5,165	5,153	5,142	5,130	5,118	5,106	5,095	5,083	5,071	5,059	5,048	5,036
77	5,024	5,012	5,000	4,988	4,976	4,964	4,952	4,940	4,928	4,916	4,904	4,892
78	4,880	4,868	4,856	4,844	4,832	4,820	4,808	4,795	4,783	4,771	4,759	4,747
79	4,735	4,723	4,711	4,698	4,686	4,674	4,662	4,649	4,637	4,625	4,613	4,600
80	4,588	4,576	4,563	4,551	4,538	4,526	4,514	4,501	4,489	4,476	4,464	4,451
81	4,439	4,426	4,414	4,401	4,388	4,375	4,363	4,350	4,337	4,324	4,312	4,299
82	4,286	4,273	4,260	4,247	4,234	4,221	4,208	4,195	4,182	4,169	4,156	4,143
83	4,130	4,117	4,103	4,090	4,077	4,063	4,050	4,037	4,023	4,010	3,997	3,983
84	3,970	3,956	3,943	3,929	3,915	3,901	3,888	3,874	3,860	3,846	3,833	3,819
85	3,805	3,791	3,776	3,762	3,748	3,733	3,719	3,705	3,690	3,676	3,662	3,647
86	3,633	3,618	3,604	3,589	3,574	3,560	3,545	3,530	3,516	3,501	3,486	3,472
87	3,457	3,442	3,428	3,413	3,399	3,384	3,370	3,355	3,340	3,326	3,311	3,297
88	3,282	3,268	3,253	3,239	3,225	3,210	3,196	3,182	3,167	3,153	3,139	3,124
89	3,110	3,096	3,082	3,068	3,054	3,040	3,026	3,012	2,998	2,984	2,970	2,956
90	2,942	2,929	2,915	2,902	2,888	2,875	2,861	2,848	2,834	2,821	2,807	2,794
91	2,780	2,767	2,755	2,742	2,729	2,716	2,704	2,691	2,678	2,665	2,653	2,640
92	2,627	2,615	2,603	2,591	2,579	2,567	2,555	2,543	2,531	2,519	2,507	2,495
93	2,483	2,472	2,461	2,450	2,439	2,428	2,417	2,405	2,394	2,383	2,372	2,361
94	2,350	2,340	2,330	2,319	2,309	2,299	2,289	2,278	2,268	2,258	2,248	2,237
95	2,227	2,218	2,208	2,199	2,189	2,180	2,170	2,161	2,151	2,142	2,132	2,123
96	2,113	2,105	2,097	2,089	2,081	2,073	2,065	2,056	2,048	2,040	2,032	2,024
97	2,016	2,009	2,002	1,996	1,989	1,982	1,975	1,968	1,961	1,955	1,948	1,941
98	1,934	1,928	1,922	1,916	1,909	1,903	1,897	1,891	1,885	1,879	1,872	1,866
99	1,860	1,854	1,848	1,842	1,836	1,830	1,825	1,819	1,813	1,807	1,801	1,795
100	1,789											

Mortality Table: Blended Disabled Mortality, None in the Deferral Period
Interest Rate: 7.50%

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)
Actuarial Equivalency Factors Effective January 1, 2016

Table 17: Lump Sum Cash Out Factors Prior to Early Retirement Eligibility - General Service with Less than 30 Years of Service- Healthy Members (OPSRP only)
(Factor Multiplied by Monthly Retirement Benefit at Normal Retirement Age 65)

	Months of Attained Age When Cashed Out											
Age	**0**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**
15	3.47761	3.49890	3.52019	3.54148	3.56277	3.58406	3.60535	3.62664	3.64793	3.66922	3.69051	3.71180
16	3.73309	3.75594	3.77879	3.80165	3.82450	3.84735	3.87020	3.89305	3.91590	3.93876	3.96161	3.98446
17	4.00731	4.03184	4.05637	4.08090	4.10542	4.12995	4.15448	4.17901	4.20354	4.22807	4.25259	4.27712
18	4.30165	4.32798	4.35431	4.38064	4.40697	4.43330	4.45963	4.48595	4.51228	4.53861	4.56494	4.59127
19	4.61760	4.64586	4.67412	4.70238	4.73064	4.75890	4.78716	4.81541	4.84367	4.87193	4.90019	4.92845
20	4.95671	4.98704	5.01737	5.04770	5.07803	5.10836	5.13870	5.16903	5.19936	5.22969	5.26002	5.29035
21	5.32068	5.35323	5.38578	5.41833	5.45088	5.48343	5.51599	5.54854	5.58109	5.61364	5.64619	5.67874
22	5.71129	5.74622	5.78116	5.81609	5.85103	5.88596	5.92090	5.95583	5.99076	6.02570	6.06063	6.09557
23	6.13050	6.16799	6.20549	6.24298	6.28047	6.31796	6.35546	6.39295	6.43044	6.46793	6.50543	6.54292
24	6.58041	6.62065	6.66089	6.70113	6.74136	6.78160	6.82184	6.86208	6.90232	6.94256	6.98279	7.02303
25	7.06327	7.10645	7.14964	7.19282	7.23600	7.27919	7.32237	7.36555	7.40874	7.45192	7.49510	7.53829
26	7.58147	7.62781	7.67416	7.72050	7.76684	7.81319	7.85953	7.90587	7.95222	7.99856	8.04490	8.09125
27	8.13759	8.18732	8.23706	8.28679	8.33653	8.38626	8.43600	8.48573	8.53546	8.58520	8.63493	8.68467
28	8.73440	8.78777	8.84115	8.89452	8.94790	9.00127	9.05465	9.10802	9.16139	9.21477	9.26814	9.32152
29	9.37489	9.43217	9.48946	9.54674	9.60403	9.66131	9.71860	9.77588	9.83316	9.89045	9.94773	10.00502
30	10.06230	10.12379	10.18528	10.24677	10.30825	10.36974	10.43123	10.49272	10.55421	10.61570	10.67718	10.73867
31	10.80016	10.86617	10.93218	10.99818	11.06419	11.13020	11.19621	11.26221	11.32822	11.39423	11.46024	11.52624
32	11.59225	11.66312	11.73398	11.80485	11.87572	11.94658	12.01745	12.08832	12.15918	12.23005	12.30092	12.37178
33	12.44265	12.51875	12.59484	12.67094	12.74704	12.82313	12.89923	12.97533	13.05142	13.12752	13.20362	13.27971
34	13.35581	13.43753	13.51924	13.60096	13.68267	13.76439	13.84611	13.92782	14.00954	14.09125	14.17297	14.25468
35	14.33640	14.42416	14.51191	14.59967	14.68742	14.77518	14.86293	14.95069	15.03844	15.12620	15.21395	15.30171
36	15.38946	15.48371	15.57795	15.67220	15.76644	15.86069	15.95493	16.04918	16.14342	16.23767	16.33191	16.42616
37	16.52040	16.62162	16.72283	16.82405	16.92526	17.02648	17.12770	17.22891	17.33013	17.43134	17.53256	17.63377
38	17.73499	17.84370	17.95240	18.06111	18.16982	18.27852	18.38723	18.49594	18.60464	18.71335	18.82206	18.93076
39	19.03947	19.15623	19.27299	19.38975	19.50650	19.62326	19.74002	19.85678	19.97354	20.09030	20.20705	20.32381
40	20.44057	20.56599	20.69140	20.81682	20.94223	21.06765	21.19307	21.31848	21.44390	21.56931	21.69473	21.82014
41	21.94556	22.08029	22.21502	22.34975	22.48447	22.61920	22.75393	22.88866	23.02339	23.15812	23.29284	23.42757
42	23.56230	23.70705	23.85181	23.99656	24.14131	24.28606	24.43082	24.57557	24.72032	24.86507	25.00983	25.15458
43	25.29933	25.45488	25.61043	25.76597	25.92152	26.07707	26.23262	26.38816	26.54371	26.69926	26.85481	27.01035
44	27.16590	27.33308	27.50027	27.66745	27.83463	28.00181	28.16900	28.33618	28.50336	28.67054	28.83773	29.00491

Mortality Table: Blended Healthy Mortality
Interest Rate: 7.50%

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)
Actuarial Equivalency Factors Effective January 1, 2016

Table 17: Lump Sum Cash Out Factors Prior to Early Retirement Eligibility - General Service with Less than 30 Years of Service- Healthy Members (OPSRP only)
(Factor Multiplied by Monthly Retirement Benefit at Normal Retirement Age 65)

	Months of Attained Age When Cashed Out											
Age	**0**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**
45	29.17209	29.35181	29.53153	29.71125	29.89097	30.07069	30.25041	30.43013	30.60985	30.78957	30.96929	31.14901
46	31.32873	31.52197	31.71521	31.90846	32.10170	32.29494	32.48818	32.68142	32.87466	33.06791	33.26115	33.45439
47	33.64763	33.85544	34.06324	34.27105	34.47885	34.68666	34.89447	35.10227	35.31008	35.51788	35.72569	35.93349
48	36.14130	36.36481	36.58831	36.81182	37.03532	37.25883	37.48233	37.70584	37.92934	38.15285	38.37635	38.59986
49	38.82336	39.06379	39.30422	39.54465	39.78508	40.02551	40.26594	40.50637	40.74680	40.98723	41.22766	41.46809
50	41.70852	41.96721	42.22589	42.48458	42.74326	43.00195	43.26064	43.51932	43.77801	44.03669	44.29538	44.55406
51	44.81275	45.09117	45.36960	45.64802	45.92644	46.20486	46.48329	46.76171	47.04013	47.31855	47.59698	47.87540
52	48.15382	48.45379	48.75376	49.05373	49.35370	49.65367	49.95365	50.25362	50.55359	50.85356	51.15353	51.45350
53	51.75347	52.07669	52.39990	52.72312	53.04634	53.36955	53.69277	54.01599	54.33920	54.66242	54.98564	55.30885
54	55.63207	55.98038	56.32868	56.67699	57.02529	57.37360	57.72190	58.07021	58.41851	58.76682	59.11512	59.46343
55	59.81173	60.18732	60.56291	60.93850	61.31408	61.68967	62.06526	62.44085	62.81644	63.19203	63.56761	63.94320
56	64.31879	64.72428	65.12976	65.53525	65.94073	66.34622	66.75171	67.15719	67.56268	67.96816	68.37365	68.77913
57	69.18462	69.62297	70.06133	70.49968	70.93804	71.37639	71.81475	72.25310	72.69145	73.12981	73.56816	74.00652
58	74.44487	74.91881	75.39276	75.86670	76.34065	76.81459	77.28854	77.76248	78.23642	78.71037	79.18431	79.65826
59	80.13220	80.64495	81.15770	81.67045	82.18320	82.69595	83.20870	83.72144	84.23419	84.74694	85.25969	85.77244
60	86.28519	86.84059	87.39599	87.95139	88.50679	89.06219	89.61760	90.17300	90.72840	91.28380	91.83920	92.39460
61	92.95000	93.55265	94.15530	94.75795	95.36060	95.96325	96.56590	97.16855	97.77120	98.37385	98.97650	99.57915
62	100.18180	100.83688	101.49196	102.14703	102.80211	103.45719	104.11227	104.76734	105.42242	106.07750	106.73258	107.38765
63	108.04273	108.75673	109.47072	110.18472	110.89871	111.61271	112.32671	113.04070	113.75470	114.46869	115.18269	115.89668
64	116.61068	117.39037	118.17006	118.94975	119.72944	120.50913	121.28882	122.06850	122.84819	123.62788	124.40757	125.18726
65	125.96695											

Mortality Table: Blended Healthy Mortality
Interest Rate: 7.50%

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)
Actuarial Equivalency Factors Effective January 1, 2016

Table 18: Lump Sum Cash Out Factors Prior to Early Retirement Eligibility - Police & Fire with Less than 25 Years of Service- Healthy Members (OPSRP only)
(Factor Multiplied by Monthly Retirement Benefit at Normal Retirement Age 60)

	Months of Attained Age When Cashed Out											
Age	**0**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**
15	5.33560	5.36850	5.40140	5.43430	5.46720	5.50010	5.53301	5.56591	5.59881	5.63171	5.66461	5.69751
16	5.73041	5.76575	5.80108	5.83642	5.87175	5.90709	5.94243	5.97776	6.01310	6.04843	6.08377	6.11910
17	6.15444	6.19239	6.23034	6.26829	6.30624	6.34419	6.38215	6.42010	6.45805	6.49600	6.53395	6.57190
18	6.60985	6.65061	6.69137	6.73213	6.77289	6.81365	6.85441	6.89517	6.93593	6.97669	7.01745	7.05821
19	7.09897	7.14275	7.18652	7.23030	7.27407	7.31785	7.36162	7.40540	7.44917	7.49295	7.53672	7.58050
20	7.62427	7.67128	7.71829	7.76531	7.81232	7.85933	7.90634	7.95335	8.00036	8.04738	8.09439	8.14140
21	8.18841	8.23889	8.28938	8.33986	8.39035	8.44083	8.49132	8.54180	8.59228	8.64277	8.69325	8.74374
22	8.79422	8.84843	8.90265	8.95686	9.01107	9.06529	9.11950	9.17371	9.22793	9.28214	9.33635	9.39057
23	9.44478	9.50300	9.56122	9.61944	9.67766	9.73588	9.79410	9.85232	9.91054	9.96876	10.02698	10.08520
24	10.14342	10.20594	10.26846	10.33099	10.39351	10.45603	10.51855	10.58107	10.64359	10.70612	10.76864	10.83116
25	10.89368	10.96082	11.02796	11.09511	11.16225	11.22939	11.29653	11.36367	11.43081	11.49796	11.56510	11.63224
26	11.69938	11.77148	11.84358	11.91568	11.98778	12.05988	12.13198	12.20408	12.27618	12.34828	12.42038	12.49248
27	12.56458	12.64201	12.71943	12.79686	12.87429	12.95171	13.02914	13.10657	13.18399	13.26142	13.33885	13.41627
28	13.49370	13.57685	13.66000	13.74314	13.82629	13.90944	13.99259	14.07573	14.15888	14.24203	14.32518	14.40832
29	14.49147	14.58077	14.67006	14.75936	14.84866	14.93795	15.02725	15.11655	15.20584	15.29514	15.38444	15.47373
30	15.56303	15.65895	15.75486	15.85078	15.94669	16.04261	16.13852	16.23444	16.33035	16.42627	16.52218	16.61810
31	16.71401	16.81705	16.92008	17.02312	17.12615	17.22919	17.33222	17.43526	17.53829	17.64133	17.74436	17.84740
32	17.95043	18.06112	18.17182	18.28251	18.39320	18.50390	18.61459	18.72528	18.83598	18.94667	19.05736	19.16806
33	19.27875	19.39769	19.51664	19.63558	19.75453	19.87347	19.99242	20.11136	20.23030	20.34925	20.46819	20.58714
34	20.70608	20.83390	20.96171	21.08953	21.21735	21.34516	21.47298	21.60080	21.72861	21.85643	21.98425	22.11206
35	22.23988	22.37724	22.51460	22.65196	22.78932	22.92668	23.06404	23.20139	23.33875	23.47611	23.61347	23.75083
36	23.88819	24.03581	24.18343	24.33105	24.47867	24.62629	24.77391	24.92153	25.06915	25.21677	25.36439	25.51201
37	25.65963	25.81828	25.97694	26.13559	26.29424	26.45290	26.61155	26.77020	26.92886	27.08751	27.24616	27.40482
38	27.56347	27.73399	27.90451	28.07503	28.24555	28.41607	28.58659	28.75710	28.92762	29.09814	29.26866	29.43918
39	29.60970	29.79298	29.97626	30.15955	30.34283	30.52611	30.70939	30.89267	31.07595	31.25924	31.44252	31.62580
40	31.80908	32.00610	32.20311	32.40013	32.59715	32.79416	32.99118	33.18820	33.38521	33.58223	33.77925	33.97626
41	34.17328	34.38508	34.59689	34.80869	35.02050	35.23230	35.44411	35.65591	35.86771	36.07952	36.29132	36.50313
42	36.71493	36.94266	37.17040	37.39813	37.62586	37.85360	38.08133	38.30906	38.53680	38.76453	38.99226	39.22000
43	39.44773	39.69263	39.93754	40.18244	40.42734	40.67224	40.91715	41.16205	41.40695	41.65185	41.89676	42.14166
44	42.38656	42.64998	42.91340	43.17683	43.44025	43.70367	43.96709	44.23051	44.49393	44.75736	45.02078	45.28420

Mortality Table: Blended Healthy Mortality
Interest Rate: 7.50%

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)
Actuarial Equivalency Factors Effective January 1, 2016

Table 18: Lump Sum Cash Out Factors Prior to Early Retirement Eligibility - Police & Fire with Less than 25 Years of Service- Healthy Members (OPSRP only)
(Factor Multiplied by Monthly Retirement Benefit at Normal Retirement Age 60)

	Months of Attained Age When Cashed Out											
Age	**0**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**
45	45.54762	45.83102	46.11441	46.39781	46.68120	46.96460	47.24799	47.53139	47.81478	48.09818	48.38157	48.66497
46	48.94836	49.25331	49.55827	49.86322	50.16818	50.47313	50.77809	51.08304	51.38799	51.69295	51.99790	52.30286
47	52.60781	52.93601	53.26420	53.59240	53.92059	54.24879	54.57698	54.90518	55.23337	55.56157	55.88976	56.21796
48	56.54615	56.89942	57.25269	57.60596	57.95923	58.31250	58.66577	59.01904	59.37231	59.72558	60.07885	60.43212
49	60.78539	61.16572	61.54604	61.92637	62.30669	62.68702	63.06734	63.44767	63.82799	64.20832	64.58864	64.96897
50	65.34929	65.75882	66.16836	66.57789	66.98742	67.39696	67.80649	68.21602	68.62556	69.03509	69.44462	69.85416
51	70.26369	70.70483	71.14596	71.58710	72.02824	72.46937	72.91051	73.35165	73.79278	74.23392	74.67506	75.11619
52	75.55733	76.03300	76.50866	76.98433	77.45999	77.93566	78.41132	78.88699	79.36265	79.83832	80.31398	80.78965
53	81.26531	81.77826	82.29121	82.80415	83.31710	83.83005	84.34300	84.85594	85.36889	85.88184	86.39479	86.90773
54	87.42068	87.97390	88.52713	89.08035	89.63357	90.18680	90.74002	91.29324	91.84647	92.39969	92.95291	93.50614
55	94.05936	94.65641	95.25347	95.85052	96.44758	97.04463	97.64169	98.23874	98.83579	99.43285	100.02990	100.62696
56	101.22401	101.86913	102.51425	103.15937	103.80449	104.44961	105.09473	105.73984	106.38496	107.03008	107.67520	108.32032
57	108.96544	109.66343	110.36142	111.05941	111.75740	112.45539	113.15339	113.85138	114.54937	115.24736	115.94535	116.64334
58	117.34133	118.09663	118.85192	119.60722	120.36251	121.11781	121.87311	122.62840	123.38370	124.13899	124.89429	125.64958
59	126.40488	127.22271	128.04054	128.85837	129.67619	130.49402	131.31185	132.12968	132.94751	133.76534	134.58316	135.40099
60	136.21882											

Mortality Table: Blended Healthy Mortality
Interest Rate: 7.50%

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)
Actuarial Equivalency Factors Effective January 1, 2016

Table 19: Lump Sum Cash Out Factors at or after Early Retirement Age - Healthy Members (OPSRP only)
(Factor Multiplied by Monthly Retirement Benefit at or after Early Retirement Age)

	Months of Attained Age at Retirement											
Age	**0**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**
50	150.24031	150.15166	150.06301	149.97435	149.88570	149.79705	149.70840	149.61974	149.53109	149.44244	149.35379	149.26513
51	149.17648	149.08208	148.98768	148.89328	148.79887	148.70447	148.61007	148.51567	148.42127	148.32687	148.23246	148.13806
52	148.04366	147.94378	147.84391	147.74403	147.64415	147.54428	147.44440	147.34452	147.24465	147.14477	147.04489	146.94502
53	146.84514	146.73919	146.63324	146.52728	146.42133	146.31538	146.20943	146.10347	145.99752	145.89157	145.78562	145.67966
54	145.57371	145.46106	145.34840	145.23575	145.12309	145.01044	144.89779	144.78513	144.67248	144.55982	144.44717	144.33451
55	144.22186	144.10229	143.98273	143.86316	143.74359	143.62403	143.50446	143.38489	143.26533	143.14576	143.02619	142.90663
56	142.78706	142.66076	142.53445	142.40815	142.28184	142.15554	142.02923	141.90293	141.77662	141.65032	141.52401	141.39771
57	141.27140	141.13860	141.00579	140.87299	140.74018	140.60738	140.47458	140.34177	140.20897	140.07616	139.94336	139.81055
58	139.67775	139.53757	139.39739	139.25721	139.11703	138.97685	138.83668	138.69650	138.55632	138.41614	138.27596	138.13578
59	137.99560	137.84754	137.69947	137.55141	137.40334	137.25528	137.10721	136.95915	136.81108	136.66302	136.51495	136.36689
60	136.21882	136.06276	135.90670	135.75064	135.59458	135.43852	135.28246	135.12640	134.97034	134.81428	134.65822	134.50216
61	134.34610	134.18229	134.01848	133.85466	133.69085	133.52704	133.36323	133.19941	133.03560	132.87179	132.70798	132.54416
62	132.38035	132.20895	132.03755	131.86615	131.69475	131.52335	131.35195	131.18054	131.00914	130.83774	130.66634	130.49494
63	130.32354	130.14538	129.96721	129.78905	129.61088	129.43272	129.25455	129.07639	128.89822	128.72006	128.54189	128.36373
64	128.18556	128.00068	127.81579	127.63091	127.44602	127.26114	127.07626	126.89137	126.70649	126.52160	126.33672	126.15183
65	125.96695	125.77548	125.58401	125.39254	125.20107	125.00960	124.81813	124.62666	124.43519	124.24372	124.05225	123.86078
66	123.66931	123.47117	123.27304	123.07490	122.87677	122.67863	122.48050	122.28236	122.08422	121.88609	121.68795	121.48982
67	121.29168	121.08676	120.88183	120.67691	120.47198	120.26706	120.06214	119.85721	119.65229	119.44736	119.24244	119.03751
68	118.83259	118.62030	118.40801	118.19572	117.98343	117.77114	117.55885	117.34656	117.13427	116.92198	116.70969	116.49740
69	116.28511	116.06475	115.84439	115.62403	115.40367	115.18331	114.96295	114.74259	114.52223	114.30187	114.08151	113.86115
70	113.64079	113.41332	113.18585	112.95838	112.73091	112.50344	112.27598	112.04851	111.82104	111.59357	111.36610	111.13863
71	110.91116	110.67713	110.44311	110.20908	109.97505	109.74102	109.50700	109.27297	109.03894	108.80491	108.57089	108.33686
72	108.10283	107.86270	107.62256	107.38243	107.14229	106.90216	106.66203	106.42189	106.18176	105.94162	105.70149	105.46135
73	105.22122	104.97480	104.72837	104.48195	104.23552	103.98910	103.74267	103.49625	103.24982	103.00340	102.75697	102.51055
74	102.26412	102.01194	101.75975	101.50757	101.25538	101.00320	100.75102	100.49883	100.24665	99.99446	99.74228	99.49009
75	99.23791	98.98044	98.72298	98.46551	98.20804	97.95057	97.69311	97.43564	97.17817	96.92070	96.66324	96.40577
76	96.14830	95.88597	95.62365	95.36132	95.09900	94.83667	94.57435	94.31202	94.04969	93.78737	93.52504	93.26272
77	93.00039	92.73361	92.46683	92.20005	91.93327	91.66649	91.39972	91.13294	90.86616	90.59938	90.33260	90.06582
78	89.79904	89.52814	89.25724	88.98634	88.71544	88.44454	88.17365	87.90275	87.63185	87.36095	87.09005	86.81915
79	86.54825	86.27373	85.99922	85.72470	85.45019	85.17567	84.90116	84.62664	84.35212	84.07761	83.80309	83.52858

Mortality Table: Blended Healthy Mortality
Interest Rate: 7.50%

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)
Actuarial Equivalency Factors Effective January 1, 2016

Table 19: Lump Sum Cash Out Factors at or after Early Retirement Age - Healthy Members (OPSRP only)
(Factor Multiplied by Monthly Retirement Benefit at or after Early Retirement Age)

	Months of Attained Age at Retirement											
Age	**0**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**
80	83.25406	82.97663	82.69919	82.42176	82.14432	81.86689	81.58946	81.31202	81.03459	80.75715	80.47972	80.20228
81	79.92485	79.64513	79.36541	79.08569	78.80597	78.52625	78.24653	77.96681	77.68709	77.40737	77.12765	76.84793
82	76.56821	76.28781	76.00741	75.72701	75.44661	75.16621	74.88581	74.60541	74.32501	74.04461	73.76421	73.48381
83	73.20341	72.92346	72.64351	72.36356	72.08360	71.80365	71.52370	71.24375	70.96380	70.68385	70.40389	70.12394
84	69.84399	69.56543	69.28686	69.00830	68.72974	68.45117	68.17261	67.89405	67.61548	67.33692	67.05836	66.77979
85	66.50123	66.22477	65.94831	65.67185	65.39538	65.11892	64.84246	64.56600	64.28954	64.01308	63.73661	63.46015
86	63.18369	62.91020	62.63671	62.36322	62.08973	61.81624	61.54275	61.26925	60.99576	60.72227	60.44878	60.17529
87	59.90180	59.63230	59.36280	59.09330	58.82380	58.55430	58.28480	58.01530	57.74580	57.47630	57.20680	56.93730
88	56.66780	56.40617	56.14454	55.88291	55.62128	55.35965	55.09802	54.83639	54.57476	54.31313	54.05150	53.78987
89	53.52824	53.27644	53.02464	52.77284	52.52104	52.26924	52.01745	51.76565	51.51385	51.26205	51.01025	50.75845
90	50.50665	50.26857	50.03049	49.79241	49.55433	49.31625	49.07817	48.84008	48.60200	48.36392	48.12584	47.88776
91	47.64968	47.42658	47.20349	46.98039	46.75729	46.53420	46.31110	46.08800	45.86491	45.64181	45.41871	45.19562
92	44.97252	44.76511	44.55769	44.35028	44.14286	43.93545	43.72804	43.52062	43.31321	43.10579	42.89838	42.69096
93	42.48355	42.29158	42.09962	41.90765	41.71569	41.52372	41.33176	41.13979	40.94782	40.75586	40.56389	40.37193
94	40.17996	40.00311	39.82626	39.64942	39.47257	39.29572	39.11887	38.94202	38.76517	38.58833	38.41148	38.23463
95	38.05778	37.89477	37.73176	37.56874	37.40573	37.24272	37.07971	36.91669	36.75368	36.59067	36.42766	36.26464
96	36.10163	35.95909	35.81655	35.67400	35.53146	35.38892	35.24638	35.10383	34.96129	34.81875	34.67621	34.53366
97	34.39112	34.26983	34.14854	34.02725	33.90596	33.78467	33.66338	33.54208	33.42079	33.29950	33.17821	33.05692
98	32.93563	32.82659	32.71754	32.60850	32.49946	32.39041	32.28137	32.17233	32.06328	31.95424	31.84520	31.73615
99	31.62711	31.52695	31.42678	31.32662	31.22645	31.12629	31.02612	30.92596	30.82579	30.72563	30.62546	30.52530
100	30.42513											

Mortality Table: Blended Healthy Mortality
Interest Rate: 7.50%

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)
Actuarial Equivalency Factors Effective January 1, 2016

Table 20: Lump Sum Cash Out Factors - Beneficiaries (OPSRP only)
(Factor Multiplied by Survivor Benefit Payable to Spouse at Commencement Date)

	Months of Attained Age at Date Cashed Out											
Age	**0**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**
15	164.59402	164.58490	164.57578	164.56665	164.55753	164.54841	164.53929	164.53016	164.52104	164.51192	164.50280	164.49367
16	164.48455	164.47488	164.46521	164.45553	164.44586	164.43619	164.42652	164.41684	164.40717	164.39750	164.38783	164.37815
17	164.36848	164.35816	164.34784	164.33752	164.32720	164.31688	164.30656	164.29624	164.28592	164.27560	164.26528	164.25496
18	164.24464	164.23360	164.22256	164.21153	164.20049	164.18945	164.17841	164.16737	164.15633	164.14530	164.13426	164.12322
19	164.11218	164.10041	164.08864	164.07687	164.06510	164.05333	164.04157	164.02980	164.01803	164.00626	163.99449	163.98272
20	163.97095	163.95827	163.94559	163.93290	163.92022	163.90754	163.89486	163.88217	163.86949	163.85681	163.84413	163.83144
21	163.81876	163.80505	163.79135	163.77764	163.76393	163.75022	163.73652	163.72281	163.70910	163.69539	163.68169	163.66798
22	163.65427	163.63953	163.62479	163.61005	163.59531	163.58057	163.56583	163.55108	163.53634	163.52160	163.50686	163.49212
23	163.47738	163.46154	163.44569	163.42985	163.41400	163.39816	163.38231	163.36647	163.35062	163.33478	163.31893	163.30309
24	163.28724	163.27017	163.25311	163.23604	163.21898	163.20191	163.18485	163.16778	163.15071	163.13365	163.11658	163.09952
25	163.08245	163.06407	163.04570	163.02732	163.00895	162.99057	162.97220	162.95382	162.93544	162.91707	162.89869	162.88032
26	162.86194	162.84212	162.82229	162.80247	162.78265	162.76282	162.74300	162.72318	162.70335	162.68353	162.66371	162.64388
27	162.62406	162.60265	162.58124	162.55983	162.53842	162.51701	162.49560	162.47419	162.45278	162.43137	162.40996	162.38855
28	162.36714	162.34413	162.32113	162.29812	162.27511	162.25210	162.22910	162.20609	162.18308	162.16007	162.13707	162.11406
29	162.09105	162.06630	162.04156	162.01681	161.99206	161.96731	161.94257	161.91782	161.89307	161.86832	161.84358	161.81883
30	161.79408	161.76769	161.74131	161.71492	161.68854	161.66215	161.63577	161.60938	161.58299	161.55661	161.53022	161.50384
31	161.47745	161.44941	161.42137	161.39333	161.36528	161.33724	161.30920	161.28116	161.25312	161.22508	161.19703	161.16899
32	161.14095	161.11118	161.08141	161.05164	161.02186	160.99209	160.96232	160.93255	160.90278	160.87301	160.84323	160.81346
33	160.78369	160.75208	160.72047	160.68885	160.65724	160.62563	160.59402	160.56240	160.53079	160.49918	160.46757	160.43595
34	160.40434	160.37078	160.33722	160.30365	160.27009	160.23653	160.20297	160.16940	160.13584	160.10228	160.06872	160.03515
35	160.00159	159.96590	159.93020	159.89451	159.85882	159.82312	159.78743	159.75174	159.71604	159.68035	159.64466	159.60896
36	159.57327	159.53535	159.49743	159.45951	159.42158	159.38366	159.34574	159.30782	159.26990	159.23198	159.19405	159.15613
37	159.11821	159.07778	159.03736	158.99693	158.95651	158.91608	158.87566	158.83523	158.79480	158.75438	158.71395	158.67353
38	158.63310	158.59002	158.54695	158.50387	158.46080	158.41772	158.37465	158.33157	158.28849	158.24542	158.20234	158.15927
39	158.11619	158.07028	158.02437	157.97845	157.93254	157.88663	157.84072	157.79480	157.74889	157.70298	157.65707	157.61115
40	157.56524	157.51625	157.46726	157.41827	157.36928	157.32029	157.27130	157.22231	157.17332	157.12433	157.07534	157.02635
41	156.97736	156.92515	156.87293	156.82072	156.76850	156.71629	156.66408	156.61186	156.55965	156.50743	156.45522	156.40300
42	156.35079	156.29513	156.23948	156.18382	156.12816	156.07250	156.01685	155.96119	155.90553	155.84987	155.79422	155.73856
43	155.68290	155.62365	155.56441	155.50516	155.44592	155.38667	155.32743	155.26818	155.20893	155.14969	155.09044	155.03120
44	154.97195	154.90889	154.84584	154.78278	154.71973	154.65667	154.59362	154.53056	154.46750	154.40445	154.34139	154.27834

Mortality Table: Blended Beneficiary Mortality
Interest Rate: 7.50%

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)
Actuarial Equivalency Factors Effective January 1, 2016

Table 20: Lump Sum Cash Out Factors - Beneficiaries (OPSRP only)
(Factor Multiplied by Survivor Benefit Payable to Spouse at Commencement Date)

	Months of Attained Age at Date Cashed Out											
Age	**0**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**
45	154.21528	154.14824	154.08120	154.01416	153.94712	153.88008	153.81305	153.74601	153.67897	153.61193	153.54489	153.47785
46	153.41081	153.33953	153.26825	153.19697	153.12569	153.05441	152.98314	152.91186	152.84058	152.76930	152.69802	152.62674
47	152.55546	152.47963	152.40380	152.32798	152.25215	152.17632	152.10049	152.02466	151.94883	151.87301	151.79718	151.72135
48	151.64552	151.56478	151.48404	151.40329	151.32255	151.24181	151.16107	151.08032	150.99958	150.91884	150.83810	150.75735
49	150.67661	150.59063	150.50466	150.41868	150.33270	150.24673	150.16075	150.07477	149.98880	149.90282	149.81684	149.73087
50	149.64489	149.55327	149.46165	149.37002	149.27840	149.18678	149.09516	149.00353	148.91191	148.82029	148.72867	148.63704
51	148.54542	148.44787	148.35033	148.25278	148.15524	148.05769	147.96015	147.86260	147.76505	147.66751	147.56996	147.47242
52	147.37487	147.27209	147.16931	147.06653	146.96375	146.86097	146.75819	146.65541	146.55263	146.44985	146.34707	146.24429
53	146.14151	146.03228	145.92305	145.81382	145.70459	145.59536	145.48613	145.37689	145.26766	145.15843	145.04920	144.93997
54	144.83074	144.71459	144.59843	144.48228	144.36612	144.24997	144.13381	144.01766	143.90150	143.78535	143.66919	143.55304
55	143.43688	143.31362	143.19036	143.06711	142.94385	142.82059	142.69733	142.57407	142.45081	142.32756	142.20430	142.08104
56	141.95778	141.82802	141.69827	141.56851	141.43875	141.30899	141.17924	141.04948	140.91972	140.78996	140.66021	140.53045
57	140.40069	140.26459	140.12849	139.99239	139.85629	139.72019	139.58410	139.44800	139.31190	139.17580	139.03970	138.90360
58	138.76750	138.62349	138.47947	138.33546	138.19144	138.04743	137.90341	137.75940	137.61538	137.47137	137.32735	137.18334
59	137.03932	136.88716	136.73499	136.58283	136.43067	136.27850	136.12634	135.97418	135.82201	135.66985	135.51769	135.36552
60	135.21336	135.05300	134.89263	134.73227	134.57191	134.41154	134.25118	134.09082	133.93045	133.77009	133.60973	133.44936
61	133.28900	133.12083	132.95265	132.78448	132.61631	132.44813	132.27996	132.11179	131.94361	131.77544	131.60727	131.43909
62	131.27092	131.09513	130.91933	130.74354	130.56774	130.39195	130.21616	130.04036	129.86457	129.68877	129.51298	129.33718
63	129.16139	128.97901	128.79662	128.61424	128.43185	128.24947	128.06708	127.88470	127.70231	127.51993	127.33754	127.15516
64	126.97277	126.78389	126.59501	126.40613	126.21725	126.02837	125.83950	125.65062	125.46174	125.27286	125.08398	124.89510
65	124.70622	124.51043	124.31464	124.11884	123.92305	123.72726	123.53147	123.33567	123.13988	122.94409	122.74830	122.55250
66	122.35671	122.15436	121.95202	121.74967	121.54733	121.34498	121.14264	120.94029	120.73794	120.53560	120.33325	120.13091
67	119.92856	119.71940	119.51025	119.30109	119.09194	118.88278	118.67363	118.46447	118.25531	118.04616	117.83700	117.62785
68	117.41869	117.20156	116.98444	116.76731	116.55019	116.33306	116.11594	115.89881	115.68168	115.46456	115.24743	115.03031
69	114.81318	114.58765	114.36212	114.13659	113.91106	113.68553	113.46001	113.23448	113.00895	112.78342	112.55789	112.33236
70	112.10683	111.87459	111.64236	111.41012	111.17788	110.94565	110.71341	110.48117	110.24894	110.01670	109.78446	109.55223
71	109.31999	109.08164	108.84330	108.60495	108.36660	108.12825	107.88991	107.65156	107.41321	107.17486	106.93652	106.69817
72	106.45982	106.21476	105.96971	105.72465	105.47960	105.23454	104.98949	104.74443	104.49937	104.25432	104.00926	103.76421
73	103.51915	103.26788	103.01660	102.76533	102.51405	102.26278	102.01151	101.76023	101.50896	101.25768	101.00641	100.75513
74	100.50386	100.24679	99.98973	99.73266	99.47559	99.21853	98.96146	98.70439	98.44733	98.19026	97.93319	97.67613

Mortality Table: Blended Beneficiary Mortality
Interest Rate: 7.50%

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)
Actuarial Equivalency Factors Effective January 1, 2016

Table 20: Lump Sum Cash Out Factors - Beneficiaries (OPSRP only)
(Factor Multiplied by Survivor Benefit Payable to Spouse at Commencement Date)

	Months of Attained Age at Date Cashed Out											
Age	**0**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**
75	97.41906	97.15664	96.89422	96.63180	96.36937	96.10695	95.84453	95.58211	95.31969	95.05727	94.79484	94.53242
76	94.27000	94.00274	93.73549	93.46823	93.20097	92.93371	92.66646	92.39920	92.13194	91.86468	91.59743	91.33017
77	91.06291	90.79142	90.51993	90.24843	89.97694	89.70545	89.43396	89.16246	88.89097	88.61948	88.34799	88.07649
78	87.80500	87.52971	87.25442	86.97914	86.70385	86.42856	86.15327	85.87798	85.60269	85.32741	85.05212	84.77683
79	84.50154	84.22314	83.94473	83.66633	83.38793	83.10952	82.83112	82.55272	82.27431	81.99591	81.71751	81.43910
80	81.16070	80.87999	80.59927	80.31856	80.03784	79.75713	79.47642	79.19570	78.91499	78.63427	78.35356	78.07284
81	77.79213	77.50968	77.22724	76.94479	76.66234	76.37989	76.09745	75.81500	75.53255	75.25010	74.96766	74.68521
82	74.40276	74.12068	73.83861	73.55653	73.27445	72.99237	72.71030	72.42822	72.14614	71.86406	71.58199	71.29991
83	71.01783	70.73699	70.45615	70.17531	69.89447	69.61363	69.33279	69.05194	68.77110	68.49026	68.20942	67.92858
84	67.64774	67.36905	67.09037	66.81168	66.53299	66.25430	65.97562	65.69693	65.41824	65.13955	64.86087	64.58218
85	64.30349	64.02755	63.75161	63.47567	63.19973	62.92379	62.64786	62.37192	62.09598	61.82004	61.54410	61.26816
86	60.99222	60.71979	60.44736	60.17493	59.90250	59.63007	59.35764	59.08520	58.81277	58.54034	58.26791	57.99548
87	57.72305	57.45503	57.18702	56.91900	56.65098	56.38297	56.11495	55.84693	55.57892	55.31090	55.04288	54.77487
88	54.50685	54.24846	53.99008	53.73169	53.47330	53.21491	52.95653	52.69814	52.43975	52.18136	51.92298	51.66459
89	51.40620	51.15851	50.91082	50.66313	50.41544	50.16775	49.92006	49.67237	49.42468	49.17699	48.92930	48.68161
90	48.43392	48.20185	47.96978	47.73771	47.50564	47.27357	47.04151	46.80944	46.57737	46.34530	46.11323	45.88116
91	45.64909	45.43398	45.21888	45.00377	44.78866	44.57356	44.35845	44.14334	43.92824	43.71313	43.49802	43.28292
92	43.06781	42.86755	42.66730	42.46704	42.26678	42.06652	41.86627	41.66601	41.46575	41.26549	41.06524	40.86498
93	40.66472	40.47914	40.29357	40.10799	39.92242	39.73684	39.55127	39.36569	39.18011	38.99454	38.80896	38.62339
94	38.43781	38.26622	38.09462	37.92303	37.75143	37.57984	37.40825	37.23665	37.06506	36.89346	36.72187	36.55027
95	36.37868	36.21911	36.05954	35.89997	35.74040	35.58083	35.42126	35.26169	35.10212	34.94255	34.78298	34.62341
96	34.46384	34.32602	34.18821	34.05039	33.91257	33.77476	33.63694	33.49912	33.36131	33.22349	33.08567	32.94786
97	32.81004	32.69587	32.58169	32.46752	32.35334	32.23917	32.12499	32.01082	31.89664	31.78247	31.66829	31.55412
98	31.43994	31.33624	31.23254	31.12885	31.02515	30.92145	30.81775	30.71405	30.61035	30.50666	30.40296	30.29926
99	30.19556	30.09707	29.99858	29.90010	29.80161	29.70312	29.60463	29.50614	29.40765	29.30917	29.21068	29.11219
100	29.01370											

Mortality Table: Blended Beneficiary Mortality
Interest Rate: 7.50%

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)
Actuarial Equivalency Factors Effective January 1, 2016

Table 21: Conversion to Monthly Spouse Benefit at Later of Member's Death or Earliest Retirement Age - Healthy Members (OPSRP only)
(Factor Multiplied by 50% of Retirement Benefit)

	Age of Member at Later of Death or Earliest Early Retirement Age										
Spouse Age*	**50**	**51**	**52**	**53**	**54**	**55**	**56**	**57**	**58**	**59**	**60**
15	0.858	0.849	0.840	0.830	0.820	0.810	0.799	0.787	0.776	0.763	0.751
16	0.859	0.850	0.841	0.831	0.821	0.811	0.800	0.789	0.777	0.764	0.752
17	0.860	0.851	0.842	0.833	0.823	0.812	0.801	0.790	0.778	0.766	0.753
18	0.862	0.853	0.844	0.834	0.824	0.814	0.803	0.791	0.779	0.767	0.754
19	0.863	0.854	0.845	0.836	0.826	0.815	0.804	0.793	0.781	0.768	0.756
20	0.865	0.856	0.847	0.837	0.827	0.817	0.806	0.794	0.782	0.770	0.757
21	0.867	0.858	0.849	0.839	0.829	0.818	0.807	0.796	0.784	0.771	0.758
22	0.869	0.860	0.850	0.841	0.831	0.820	0.809	0.797	0.785	0.773	0.760
23	0.870	0.862	0.852	0.843	0.832	0.822	0.811	0.799	0.787	0.775	0.762
24	0.873	0.864	0.854	0.845	0.834	0.824	0.813	0.801	0.789	0.777	0.764
25	0.875	0.866	0.856	0.847	0.837	0.826	0.815	0.803	0.791	0.779	0.766
26	0.877	0.868	0.859	0.849	0.839	0.828	0.817	0.805	0.793	0.781	0.768
27	0.880	0.871	0.861	0.851	0.841	0.830	0.819	0.808	0.796	0.783	0.770
28	0.882	0.873	0.864	0.854	0.844	0.833	0.822	0.810	0.798	0.785	0.772
29	0.885	0.876	0.867	0.857	0.846	0.836	0.824	0.813	0.800	0.788	0.775
30	0.888	0.879	0.870	0.860	0.849	0.838	0.827	0.815	0.803	0.790	0.777
31	0.891	0.882	0.873	0.863	0.852	0.842	0.830	0.818	0.806	0.793	0.780
32	0.895	0.886	0.876	0.866	0.856	0.845	0.833	0.821	0.809	0.796	0.783
33	0.898	0.889	0.879	0.869	0.859	0.848	0.837	0.825	0.812	0.799	0.786
34	0.902	0.893	0.883	0.873	0.863	0.852	0.840	0.828	0.816	0.803	0.789
35	0.906	0.897	0.887	0.877	0.866	0.855	0.844	0.832	0.819	0.806	0.793
36	0.910	0.901	0.891	0.881	0.870	0.859	0.848	0.836	0.823	0.810	0.797
37	0.915	0.905	0.895	0.885	0.875	0.863	0.852	0.840	0.827	0.814	0.800
38	0.919	0.910	0.900	0.890	0.879	0.868	0.856	0.844	0.831	0.818	0.805
39	0.924	0.915	0.905	0.895	0.884	0.873	0.861	0.849	0.836	0.823	0.809
40	0.930	0.920	0.910	0.900	0.889	0.878	0.866	0.854	0.841	0.827	0.814
41	0.935	0.926	0.916	0.905	0.894	0.883	0.871	0.859	0.846	0.832	0.819
42	0.941	0.932	0.922	0.911	0.900	0.889	0.877	0.864	0.851	0.838	0.824
43	0.948	0.938	0.928	0.917	0.906	0.895	0.883	0.870	0.857	0.844	0.829
44	0.955	0.945	0.935	0.924	0.913	0.901	0.889	0.876	0.863	0.850	0.835
45	0.962	0.952	0.942	0.931	0.920	0.908	0.896	0.883	0.870	0.856	0.842
46	0.969	0.960	0.949	0.938	0.927	0.915	0.903	0.890	0.877	0.863	0.848
47	0.978	0.968	0.957	0.946	0.935	0.923	0.911	0.898	0.884	0.870	0.856
48	0.986	0.976	0.966	0.955	0.943	0.931	0.919	0.906	0.892	0.878	0.863
49	0.996	0.986	0.975	0.964	0.952	0.940	0.927	0.914	0.901	0.886	0.871

***at later of member's death or early retirement age**

Mortality Table: Blended Healthy Mortality, Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)
Actuarial Equivalency Factors Effective January 1, 2016

Table 21: Conversion to Monthly Spouse Benefit at Later of Member's Death or Earliest Retirement Age - Healthy Members (OPSRP only)
(Factor Multiplied by 50% of Retirement Benefit)

	Age of Member at Later of Death or Earliest Early Retirement Age									
Spouse Age*	**61**	**62**	**63**	**64**	**65**	**66**	**67**	**68**	**69**	**70**
15	0.737	0.724	0.709	0.695	0.680	0.665	0.649	0.633	0.617	0.600
16	0.738	0.725	0.710	0.696	0.681	0.666	0.650	0.634	0.618	0.601
17	0.740	0.726	0.712	0.697	0.682	0.667	0.651	0.635	0.619	0.602
18	0.741	0.727	0.713	0.698	0.683	0.668	0.652	0.636	0.620	0.603
19	0.742	0.728	0.714	0.699	0.684	0.669	0.653	0.637	0.621	0.604
20	0.744	0.730	0.715	0.701	0.686	0.670	0.655	0.638	0.622	0.605
21	0.745	0.731	0.717	0.702	0.687	0.672	0.656	0.640	0.623	0.606
22	0.747	0.733	0.718	0.704	0.689	0.673	0.657	0.641	0.624	0.608
23	0.748	0.734	0.720	0.705	0.690	0.675	0.659	0.642	0.626	0.609
24	0.750	0.736	0.722	0.707	0.692	0.676	0.660	0.644	0.627	0.610
25	0.752	0.738	0.724	0.709	0.693	0.678	0.662	0.646	0.629	0.612
26	0.754	0.740	0.726	0.711	0.695	0.680	0.664	0.647	0.631	0.614
27	0.756	0.742	0.728	0.713	0.697	0.682	0.666	0.649	0.632	0.615
28	0.758	0.744	0.730	0.715	0.699	0.684	0.668	0.651	0.634	0.617
29	0.761	0.747	0.732	0.717	0.702	0.686	0.670	0.653	0.636	0.619
30	0.764	0.749	0.735	0.720	0.704	0.688	0.672	0.656	0.639	0.621
31	0.766	0.752	0.737	0.722	0.707	0.691	0.674	0.658	0.641	0.623
32	0.769	0.755	0.740	0.725	0.709	0.693	0.677	0.660	0.643	0.626
33	0.772	0.758	0.743	0.728	0.712	0.696	0.680	0.663	0.646	0.628
34	0.775	0.761	0.746	0.731	0.715	0.699	0.683	0.666	0.649	0.631
35	0.779	0.764	0.749	0.734	0.718	0.702	0.686	0.669	0.651	0.634
36	0.782	0.768	0.753	0.737	0.722	0.705	0.689	0.672	0.654	0.637
37	0.786	0.772	0.757	0.741	0.725	0.709	0.692	0.675	0.658	0.640
38	0.790	0.776	0.760	0.745	0.729	0.712	0.696	0.679	0.661	0.643
39	0.795	0.780	0.765	0.749	0.733	0.716	0.699	0.682	0.665	0.647
40	0.799	0.784	0.769	0.753	0.737	0.720	0.703	0.686	0.668	0.650
41	0.804	0.789	0.774	0.758	0.741	0.725	0.708	0.690	0.673	0.654
42	0.809	0.794	0.779	0.763	0.746	0.729	0.712	0.695	0.677	0.658
43	0.815	0.800	0.784	0.768	0.751	0.734	0.717	0.700	0.681	0.663
44	0.821	0.805	0.790	0.773	0.757	0.740	0.722	0.705	0.686	0.668
45	0.827	0.811	0.796	0.779	0.762	0.745	0.728	0.710	0.692	0.673
46	0.833	0.818	0.802	0.785	0.769	0.751	0.734	0.716	0.697	0.678
47	0.840	0.825	0.809	0.792	0.775	0.758	0.740	0.722	0.703	0.684
48	0.848	0.832	0.816	0.799	0.782	0.764	0.746	0.728	0.709	0.690
49	0.856	0.840	0.824	0.807	0.789	0.772	0.753	0.735	0.716	0.697

***at later of member's death or early retirement age**

Mortality Table: Blended Healthy Mortality, Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)
Actuarial Equivalency Factors Effective January 1, 2016

Table 21: Conversion to Monthly Spouse Benefit at Later of Member's Death or Earliest Retirement Age - Healthy Members (OPSRP only)
(Factor Multiplied by 50% of Retirement Benefit)

	Age of Member at Later of Death or Earliest Early Retirement Age									
Spouse Age*	**71**	**72**	**73**	**74**	**75**	**76**	**77**	**78**	**79**	**80**
15	0.583	0.565	0.548	0.530	0.512	0.494	0.475	0.457	0.438	0.419
16	0.584	0.566	0.549	0.531	0.513	0.494	0.476	0.457	0.439	0.420
17	0.585	0.567	0.550	0.532	0.513	0.495	0.477	0.458	0.439	0.421
18	0.586	0.568	0.550	0.532	0.514	0.496	0.477	0.459	0.440	0.421
19	0.587	0.569	0.551	0.533	0.515	0.497	0.478	0.460	0.441	0.422
20	0.588	0.570	0.552	0.534	0.516	0.498	0.479	0.461	0.442	0.423
21	0.589	0.571	0.554	0.536	0.517	0.499	0.480	0.462	0.443	0.424
22	0.590	0.573	0.555	0.537	0.518	0.500	0.481	0.462	0.444	0.425
23	0.592	0.574	0.556	0.538	0.520	0.501	0.482	0.464	0.445	0.426
24	0.593	0.575	0.557	0.539	0.521	0.502	0.483	0.465	0.446	0.427
25	0.594	0.577	0.559	0.541	0.522	0.503	0.485	0.466	0.447	0.428
26	0.596	0.578	0.560	0.542	0.524	0.505	0.486	0.467	0.448	0.429
27	0.598	0.580	0.562	0.544	0.525	0.506	0.487	0.468	0.449	0.430
28	0.600	0.582	0.564	0.545	0.527	0.508	0.489	0.470	0.451	0.432
29	0.602	0.584	0.565	0.547	0.528	0.509	0.490	0.471	0.452	0.433
30	0.604	0.586	0.567	0.549	0.530	0.511	0.492	0.473	0.454	0.434
31	0.606	0.588	0.569	0.551	0.532	0.513	0.494	0.475	0.455	0.436
32	0.608	0.590	0.571	0.553	0.534	0.515	0.496	0.476	0.457	0.438
33	0.610	0.592	0.574	0.555	0.536	0.517	0.498	0.478	0.459	0.439
34	0.613	0.595	0.576	0.557	0.538	0.519	0.500	0.480	0.461	0.441
35	0.616	0.597	0.579	0.560	0.541	0.521	0.502	0.482	0.463	0.443
36	0.619	0.600	0.581	0.562	0.543	0.524	0.504	0.485	0.465	0.445
37	0.622	0.603	0.584	0.565	0.546	0.526	0.507	0.487	0.467	0.447
38	0.625	0.606	0.587	0.568	0.549	0.529	0.509	0.490	0.470	0.450
39	0.628	0.609	0.590	0.571	0.552	0.532	0.512	0.492	0.472	0.452
40	0.632	0.613	0.594	0.574	0.555	0.535	0.515	0.495	0.475	0.455
41	0.636	0.617	0.597	0.578	0.558	0.538	0.518	0.498	0.478	0.457
42	0.640	0.621	0.601	0.582	0.562	0.542	0.522	0.501	0.481	0.460
43	0.644	0.625	0.605	0.586	0.566	0.545	0.525	0.505	0.484	0.464
44	0.649	0.629	0.610	0.590	0.570	0.549	0.529	0.508	0.488	0.467
45	0.654	0.634	0.614	0.594	0.574	0.554	0.533	0.512	0.491	0.470
46	0.659	0.639	0.619	0.599	0.579	0.558	0.537	0.516	0.495	0.474
47	0.664	0.645	0.625	0.604	0.584	0.563	0.542	0.521	0.499	0.478
48	0.670	0.650	0.630	0.610	0.589	0.568	0.547	0.525	0.504	0.482
49	0.677	0.657	0.636	0.615	0.594	0.573	0.552	0.530	0.509	0.487

***at later of member's death or early retirement age**

Mortality Table: Blended Healthy Mortality, Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)
Actuarial Equivalency Factors Effective January 1, 2016

Table 21: Conversion to Monthly Spouse Benefit at Later of Member's Death or Earliest Retirement Age - Healthy Members (OPSRP only)
(Factor Multiplied by 50% of Retirement Benefit)

	Age of Member at Later of Death or Earliest Early Retirement Age									
Spouse Age*	**81**	**82**	**83**	**84**	**85**	**86**	**87**	**88**	**89**	**90**
15	0.401	0.382	0.364	0.346	0.328	0.310	0.293	0.276	0.259	0.244
16	0.401	0.383	0.364	0.346	0.328	0.310	0.293	0.276	0.260	0.244
17	0.402	0.383	0.365	0.347	0.329	0.311	0.293	0.277	0.260	0.245
18	0.403	0.384	0.366	0.347	0.329	0.311	0.294	0.277	0.261	0.245
19	0.403	0.385	0.366	0.348	0.330	0.312	0.295	0.277	0.261	0.245
20	0.404	0.385	0.367	0.348	0.330	0.313	0.295	0.278	0.262	0.246
21	0.405	0.386	0.368	0.349	0.331	0.313	0.296	0.279	0.262	0.246
22	0.406	0.387	0.368	0.350	0.332	0.314	0.296	0.279	0.263	0.247
23	0.407	0.388	0.369	0.351	0.332	0.315	0.297	0.280	0.263	0.248
24	0.408	0.389	0.370	0.352	0.333	0.315	0.298	0.280	0.264	0.248
25	0.409	0.390	0.371	0.352	0.334	0.316	0.298	0.281	0.265	0.249
26	0.410	0.391	0.372	0.353	0.335	0.317	0.299	0.282	0.265	0.249
27	0.411	0.392	0.373	0.354	0.336	0.318	0.300	0.283	0.266	0.250
28	0.412	0.393	0.374	0.355	0.337	0.319	0.301	0.284	0.267	0.251
29	0.414	0.394	0.375	0.357	0.338	0.320	0.302	0.284	0.268	0.252
30	0.415	0.396	0.377	0.358	0.339	0.321	0.303	0.285	0.269	0.253
31	0.417	0.397	0.378	0.359	0.340	0.322	0.304	0.286	0.270	0.253
32	0.418	0.399	0.379	0.360	0.342	0.323	0.305	0.288	0.271	0.254
33	0.420	0.400	0.381	0.362	0.343	0.325	0.306	0.289	0.272	0.255
34	0.422	0.402	0.383	0.363	0.344	0.326	0.308	0.290	0.273	0.256
35	0.423	0.404	0.384	0.365	0.346	0.327	0.309	0.291	0.274	0.258
36	0.425	0.406	0.386	0.367	0.348	0.329	0.310	0.293	0.275	0.259
37	0.427	0.408	0.388	0.368	0.349	0.330	0.312	0.294	0.277	0.260
38	0.430	0.410	0.390	0.370	0.351	0.332	0.314	0.295	0.278	0.261
39	0.432	0.412	0.392	0.372	0.353	0.334	0.315	0.297	0.280	0.263
40	0.434	0.414	0.394	0.375	0.355	0.336	0.317	0.299	0.281	0.264
41	0.437	0.417	0.397	0.377	0.357	0.338	0.319	0.301	0.283	0.266
42	0.440	0.420	0.399	0.379	0.360	0.340	0.321	0.303	0.285	0.268
43	0.443	0.422	0.402	0.382	0.362	0.342	0.323	0.305	0.287	0.269
44	0.446	0.425	0.405	0.385	0.365	0.345	0.326	0.307	0.289	0.271
45	0.449	0.429	0.408	0.387	0.367	0.348	0.328	0.309	0.291	0.273
46	0.453	0.432	0.411	0.391	0.370	0.350	0.331	0.312	0.293	0.276
47	0.457	0.436	0.415	0.394	0.373	0.353	0.334	0.314	0.296	0.278
48	0.461	0.440	0.418	0.397	0.377	0.356	0.337	0.317	0.298	0.280
49	0.465	0.444	0.422	0.401	0.380	0.360	0.340	0.320	0.301	0.283

***at later of member's death or early retirement age**

Mortality Table: Blended Healthy Mortality, Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)
Actuarial Equivalency Factors Effective January 1, 2016

Table 21: Conversion to Monthly Spouse Benefit at Later of Member's Death or Earliest Retirement Age - Healthy Members (OPSRP only)
(Factor Multiplied by 50% of Retirement Benefit)

	Age of Member at Later of Death or Earliest Early Retirement Age									
Spouse Age*	**91**	**92**	**93**	**94**	**95**	**96**	**97**	**98**	**99**	**100**
15	0.229	0.216	0.203	0.192	0.181	0.171	0.163	0.156	0.149	0.143
16	0.230	0.216	0.203	0.192	0.181	0.172	0.163	0.156	0.149	0.143
17	0.230	0.216	0.204	0.192	0.182	0.172	0.163	0.156	0.150	0.144
18	0.230	0.217	0.204	0.192	0.182	0.172	0.164	0.156	0.150	0.144
19	0.231	0.217	0.204	0.193	0.182	0.172	0.164	0.157	0.150	0.144
20	0.231	0.218	0.205	0.193	0.183	0.173	0.164	0.157	0.150	0.144
21	0.232	0.218	0.205	0.194	0.183	0.173	0.165	0.157	0.151	0.145
22	0.232	0.218	0.206	0.194	0.183	0.173	0.165	0.158	0.151	0.145
23	0.233	0.219	0.206	0.194	0.184	0.174	0.165	0.158	0.151	0.145
24	0.233	0.219	0.207	0.195	0.184	0.174	0.166	0.158	0.152	0.146
25	0.234	0.220	0.207	0.195	0.185	0.175	0.166	0.159	0.152	0.146
26	0.234	0.221	0.208	0.196	0.185	0.175	0.167	0.159	0.153	0.146
27	0.235	0.221	0.208	0.196	0.186	0.176	0.167	0.160	0.153	0.147
28	0.236	0.222	0.209	0.197	0.186	0.176	0.167	0.160	0.153	0.147
29	0.237	0.223	0.210	0.198	0.187	0.177	0.168	0.161	0.154	0.148
30	0.237	0.223	0.210	0.198	0.187	0.177	0.169	0.161	0.154	0.148
31	0.238	0.224	0.211	0.199	0.188	0.178	0.169	0.162	0.155	0.149
32	0.239	0.225	0.212	0.200	0.189	0.179	0.170	0.162	0.156	0.149
33	0.240	0.226	0.213	0.201	0.190	0.179	0.171	0.163	0.156	0.150
34	0.241	0.227	0.214	0.201	0.190	0.180	0.171	0.164	0.157	0.151
35	0.242	0.228	0.215	0.202	0.191	0.181	0.172	0.164	0.158	0.151
36	0.243	0.229	0.216	0.203	0.192	0.182	0.173	0.165	0.158	0.152
37	0.244	0.230	0.217	0.204	0.193	0.183	0.174	0.166	0.159	0.153
38	0.246	0.231	0.218	0.205	0.194	0.184	0.175	0.167	0.160	0.154
39	0.247	0.232	0.219	0.206	0.195	0.185	0.175	0.168	0.161	0.154
40	0.249	0.234	0.220	0.208	0.196	0.186	0.176	0.169	0.162	0.155
41	0.250	0.235	0.222	0.209	0.197	0.187	0.178	0.170	0.163	0.156
42	0.252	0.237	0.223	0.210	0.199	0.188	0.179	0.171	0.164	0.157
43	0.253	0.238	0.224	0.212	0.200	0.189	0.180	0.172	0.165	0.158
44	0.255	0.240	0.226	0.213	0.201	0.191	0.181	0.173	0.166	0.159
45	0.257	0.242	0.228	0.215	0.203	0.192	0.183	0.175	0.167	0.161
46	0.259	0.244	0.230	0.217	0.205	0.194	0.184	0.176	0.169	0.162
47	0.261	0.246	0.232	0.218	0.206	0.195	0.186	0.177	0.170	0.163
48	0.264	0.248	0.234	0.220	0.208	0.197	0.187	0.179	0.172	0.165
49	0.266	0.250	0.236	0.222	0.210	0.199	0.189	0.181	0.173	0.166

***at later of member's death or early retirement age**

Mortality Table: Blended Healthy Mortality, Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)
Actuarial Equivalency Factors Effective January 1, 2016

Table 21: Conversion to Monthly Spouse Benefit at Later of Member's Death or Earliest Retirement Age - Healthy Members (OPSRP only)
(Factor Multiplied by 50% of Retirement Benefit)

	Age of Member at Later of Death or Earliest Early Retirement Age										
Spouse Age*	**50**	**51**	**52**	**53**	**54**	**55**	**56**	**57**	**58**	**59**	**60**
50	1.006	0.995	0.985	0.974	0.962	0.950	0.937	0.923	0.910	0.895	0.880
51	1.016	1.006	0.995	0.984	0.972	0.960	0.947	0.933	0.919	0.905	0.890
52	1.028	1.017	1.006	0.995	0.983	0.970	0.957	0.944	0.930	0.915	0.900
53	1.040	1.029	1.018	1.007	0.995	0.982	0.969	0.955	0.941	0.926	0.910
54	1.053	1.042	1.031	1.019	1.007	0.994	0.981	0.967	0.952	0.937	0.922
55	1.067	1.056	1.045	1.033	1.020	1.007	0.994	0.980	0.965	0.950	0.934
56	1.082	1.071	1.060	1.047	1.035	1.022	1.008	0.994	0.979	0.963	0.947
57	1.098	1.087	1.075	1.063	1.050	1.037	1.023	1.008	0.993	0.977	0.961
58	1.115	1.104	1.092	1.080	1.067	1.053	1.039	1.024	1.009	0.993	0.976
59	1.134	1.122	1.110	1.098	1.084	1.071	1.056	1.041	1.025	1.009	0.992
60	1.154	1.142	1.130	1.117	1.103	1.089	1.075	1.059	1.043	1.027	1.010
61	1.175	1.163	1.151	1.137	1.124	1.109	1.095	1.079	1.063	1.046	1.028
62	1.198	1.186	1.173	1.160	1.146	1.131	1.116	1.100	1.084	1.066	1.049
63	1.223	1.210	1.197	1.184	1.169	1.154	1.139	1.123	1.106	1.088	1.070
64	1.249	1.236	1.223	1.209	1.195	1.179	1.163	1.147	1.130	1.112	1.093
65	1.277	1.264	1.251	1.236	1.222	1.206	1.190	1.173	1.155	1.137	1.118
66	1.308	1.294	1.280	1.266	1.251	1.235	1.218	1.201	1.183	1.164	1.144
67	1.340	1.326	1.312	1.297	1.281	1.265	1.248	1.230	1.212	1.193	1.173
68	1.375	1.361	1.346	1.331	1.315	1.298	1.280	1.262	1.243	1.224	1.203
69	1.412	1.398	1.383	1.367	1.351	1.334	1.316	1.297	1.277	1.257	1.236
70	1.453	1.438	1.423	1.407	1.390	1.372	1.353	1.334	1.314	1.293	1.272
71	1.497	1.482	1.466	1.449	1.432	1.413	1.394	1.375	1.354	1.333	1.310
72	1.544	1.529	1.512	1.495	1.477	1.458	1.439	1.418	1.397	1.375	1.352
73	1.596	1.580	1.563	1.545	1.526	1.507	1.486	1.465	1.443	1.420	1.397
74	1.651	1.635	1.617	1.599	1.579	1.559	1.538	1.516	1.494	1.470	1.445
75	1.712	1.694	1.676	1.657	1.637	1.616	1.594	1.572	1.548	1.524	1.498
76	1.777	1.759	1.740	1.720	1.700	1.678	1.655	1.632	1.607	1.582	1.556
77	1.849	1.830	1.810	1.790	1.768	1.745	1.722	1.697	1.672	1.645	1.618
78	1.926	1.907	1.886	1.865	1.842	1.819	1.794	1.769	1.742	1.715	1.686
79	2.011	1.991	1.969	1.947	1.923	1.899	1.873	1.847	1.819	1.790	1.760
80	2.104	2.082	2.060	2.036	2.012	1.986	1.959	1.932	1.903	1.873	1.841
81	2.205	2.183	2.159	2.134	2.109	2.082	2.054	2.025	1.994	1.963	1.930
82	2.316	2.293	2.268	2.242	2.215	2.187	2.157	2.127	2.095	2.062	2.027
83	2.438	2.413	2.387	2.360	2.331	2.301	2.270	2.238	2.204	2.170	2.133
84	2.570	2.544	2.517	2.488	2.458	2.427	2.394	2.360	2.325	2.288	2.250

***at later of member's death or early retirement age**

Mortality Table: Blended Healthy Mortality, Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)
Actuarial Equivalency Factors Effective January 1, 2016

Table 21: Conversion to Monthly Spouse Benefit at Later of Member's Death or Earliest Retirement Age - Healthy Members (OPSRP only)
(Factor Multiplied by 50% of Retirement Benefit)

	Age of Member at Later of Death or Earliest Early Retirement Age									
Spouse Age*	**61**	**62**	**63**	**64**	**65**	**66**	**67**	**68**	**69**	**70**
50	0.865	0.849	0.832	0.815	0.797	0.779	0.761	0.742	0.723	0.704
51	0.874	0.858	0.841	0.823	0.806	0.788	0.769	0.750	0.731	0.711
52	0.884	0.867	0.850	0.833	0.815	0.797	0.778	0.759	0.739	0.719
53	0.894	0.877	0.860	0.843	0.824	0.806	0.787	0.768	0.748	0.728
54	0.905	0.888	0.871	0.853	0.835	0.816	0.797	0.777	0.757	0.737
55	0.917	0.900	0.883	0.865	0.846	0.827	0.807	0.788	0.767	0.746
56	0.930	0.913	0.895	0.877	0.858	0.839	0.819	0.799	0.778	0.757
57	0.944	0.927	0.908	0.890	0.871	0.851	0.831	0.811	0.790	0.768
58	0.959	0.941	0.923	0.904	0.884	0.864	0.844	0.823	0.802	0.780
59	0.975	0.957	0.938	0.919	0.899	0.879	0.858	0.837	0.815	0.793
60	0.992	0.973	0.954	0.935	0.915	0.894	0.873	0.852	0.830	0.807
61	1.010	0.991	0.972	0.952	0.932	0.911	0.889	0.867	0.845	0.822
62	1.030	1.011	0.991	0.971	0.950	0.928	0.907	0.884	0.861	0.838
63	1.051	1.032	1.011	0.991	0.969	0.948	0.925	0.903	0.879	0.855
64	1.074	1.054	1.033	1.012	0.990	0.968	0.945	0.922	0.898	0.874
65	1.098	1.078	1.057	1.035	1.013	0.990	0.967	0.943	0.918	0.894
66	1.124	1.103	1.082	1.059	1.037	1.013	0.989	0.965	0.940	0.915
67	1.152	1.131	1.108	1.086	1.062	1.038	1.014	0.989	0.964	0.937
68	1.182	1.160	1.137	1.114	1.090	1.065	1.040	1.015	0.989	0.962
69	1.214	1.192	1.168	1.144	1.120	1.095	1.069	1.042	1.016	0.988
70	1.249	1.226	1.202	1.177	1.152	1.126	1.100	1.073	1.045	1.016
71	1.287	1.263	1.238	1.213	1.187	1.160	1.133	1.105	1.076	1.047
72	1.328	1.303	1.278	1.251	1.224	1.197	1.169	1.140	1.111	1.080
73	1.372	1.346	1.320	1.293	1.265	1.237	1.208	1.178	1.147	1.116
74	1.420	1.393	1.366	1.338	1.309	1.280	1.250	1.219	1.187	1.155
75	1.472	1.444	1.416	1.387	1.357	1.327	1.295	1.263	1.231	1.197
76	1.528	1.500	1.470	1.440	1.409	1.377	1.345	1.312	1.278	1.243
77	1.589	1.560	1.529	1.498	1.466	1.433	1.399	1.365	1.329	1.293
78	1.656	1.625	1.593	1.561	1.527	1.493	1.458	1.422	1.385	1.348
79	1.729	1.697	1.664	1.629	1.594	1.559	1.522	1.484	1.446	1.407
80	1.809	1.775	1.740	1.704	1.668	1.630	1.592	1.553	1.513	1.472
81	1.896	1.860	1.824	1.787	1.748	1.709	1.669	1.628	1.586	1.542
82	1.991	1.954	1.916	1.876	1.836	1.795	1.753	1.710	1.665	1.620
83	2.096	2.057	2.016	1.975	1.932	1.889	1.845	1.799	1.753	1.705
84	2.210	2.169	2.126	2.082	2.038	1.992	1.945	1.897	1.848	1.798

***at later of member's death or early retirement age**

Mortality Table: Blended Healthy Mortality, Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)
Actuarial Equivalency Factors Effective January 1, 2016

Table 21: Conversion to Monthly Spouse Benefit at Later of Member's Death or Earliest Retirement Age - Healthy Members (OPSRP only)
(Factor Multiplied by 50% of Retirement Benefit)

	Age of Member at Later of Death or Earliest Early Retirement Age									
Spouse Age*	**71**	**72**	**73**	**74**	**75**	**76**	**77**	**78**	**79**	**80**
50	0.683	0.663	0.642	0.621	0.600	0.579	0.557	0.536	0.514	0.492
51	0.691	0.670	0.649	0.628	0.607	0.585	0.563	0.541	0.519	0.497
52	0.699	0.678	0.657	0.635	0.613	0.592	0.570	0.547	0.525	0.503
53	0.707	0.686	0.664	0.643	0.621	0.599	0.576	0.554	0.531	0.509
54	0.716	0.694	0.673	0.651	0.629	0.606	0.584	0.561	0.538	0.515
55	0.725	0.704	0.682	0.659	0.637	0.614	0.591	0.568	0.545	0.522
56	0.735	0.713	0.691	0.669	0.646	0.623	0.600	0.576	0.553	0.529
57	0.746	0.724	0.702	0.679	0.655	0.632	0.609	0.585	0.561	0.537
58	0.758	0.735	0.712	0.689	0.666	0.642	0.618	0.594	0.570	0.546
59	0.771	0.748	0.724	0.701	0.677	0.653	0.628	0.604	0.579	0.555
60	0.784	0.761	0.737	0.713	0.689	0.664	0.639	0.614	0.589	0.564
61	0.799	0.775	0.751	0.726	0.701	0.676	0.651	0.626	0.600	0.575
62	0.814	0.790	0.765	0.740	0.715	0.690	0.664	0.638	0.612	0.586
63	0.831	0.806	0.781	0.756	0.730	0.704	0.678	0.651	0.625	0.598
64	0.849	0.824	0.798	0.772	0.746	0.719	0.692	0.665	0.638	0.611
65	0.868	0.842	0.816	0.789	0.762	0.735	0.708	0.680	0.653	0.625
66	0.889	0.862	0.835	0.808	0.780	0.753	0.725	0.696	0.668	0.640
67	0.911	0.884	0.856	0.828	0.800	0.771	0.742	0.714	0.685	0.655
68	0.934	0.906	0.878	0.850	0.821	0.791	0.762	0.732	0.702	0.672
69	0.960	0.931	0.902	0.873	0.843	0.813	0.783	0.752	0.722	0.691
70	0.988	0.958	0.928	0.898	0.867	0.836	0.805	0.774	0.742	0.711
71	1.017	0.987	0.956	0.925	0.894	0.862	0.830	0.797	0.765	0.732
72	1.050	1.018	0.987	0.954	0.922	0.889	0.856	0.822	0.789	0.755
73	1.085	1.052	1.019	0.986	0.952	0.918	0.884	0.850	0.815	0.781
74	1.122	1.089	1.055	1.021	0.986	0.951	0.915	0.879	0.844	0.808
75	1.163	1.129	1.093	1.058	1.022	0.985	0.949	0.912	0.874	0.837
76	1.208	1.172	1.135	1.098	1.061	1.023	0.985	0.946	0.908	0.869
77	1.256	1.219	1.181	1.142	1.103	1.064	1.024	0.984	0.944	0.904
78	1.309	1.270	1.231	1.190	1.150	1.109	1.067	1.026	0.984	0.942
79	1.367	1.326	1.285	1.243	1.200	1.158	1.114	1.071	1.027	0.984
80	1.430	1.387	1.344	1.300	1.256	1.211	1.166	1.120	1.075	1.029
81	1.499	1.454	1.409	1.363	1.316	1.269	1.222	1.174	1.126	1.079
82	1.574	1.527	1.480	1.431	1.382	1.333	1.283	1.233	1.183	1.133
83	1.657	1.607	1.557	1.506	1.455	1.403	1.351	1.298	1.245	1.192
84	1.747	1.695	1.642	1.588	1.534	1.479	1.424	1.369	1.313	1.257

***at later of member's death or early retirement age**

Mortality Table: Blended Healthy Mortality, Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)
Actuarial Equivalency Factors Effective January 1, 2016

Table 21: Conversion to Monthly Spouse Benefit at Later of Member's Death or Earliest Retirement Age - Healthy Members (OPSRP only)
(Factor Multiplied by 50% of Retirement Benefit)

	Age of Member at Later of Death or Earliest Early Retirement Age									
Spouse Age*	**81**	**82**	**83**	**84**	**85**	**86**	**87**	**88**	**89**	**90**
50	0.470	0.448	0.427	0.405	0.384	0.363	0.343	0.323	0.304	0.286
51	0.475	0.453	0.431	0.410	0.388	0.367	0.347	0.327	0.307	0.289
52	0.480	0.458	0.436	0.414	0.393	0.371	0.351	0.330	0.311	0.292
53	0.486	0.464	0.441	0.419	0.397	0.376	0.355	0.334	0.315	0.296
54	0.492	0.469	0.447	0.424	0.402	0.381	0.359	0.338	0.319	0.299
55	0.499	0.476	0.453	0.430	0.408	0.386	0.364	0.343	0.323	0.303
56	0.506	0.482	0.459	0.436	0.413	0.391	0.369	0.348	0.327	0.308
57	0.513	0.489	0.466	0.442	0.419	0.397	0.375	0.353	0.332	0.312
58	0.521	0.497	0.473	0.449	0.426	0.403	0.381	0.359	0.337	0.317
59	0.530	0.505	0.481	0.457	0.433	0.410	0.387	0.364	0.343	0.322
60	0.539	0.514	0.489	0.465	0.441	0.417	0.394	0.371	0.349	0.328
61	0.549	0.524	0.498	0.473	0.449	0.425	0.401	0.378	0.355	0.334
62	0.560	0.534	0.508	0.483	0.458	0.433	0.409	0.385	0.362	0.341
63	0.571	0.545	0.519	0.493	0.467	0.442	0.417	0.393	0.370	0.348
64	0.584	0.557	0.530	0.503	0.477	0.451	0.426	0.402	0.378	0.355
65	0.597	0.569	0.542	0.515	0.488	0.462	0.436	0.411	0.386	0.363
66	0.611	0.583	0.555	0.527	0.499	0.472	0.446	0.420	0.395	0.372
67	0.626	0.597	0.568	0.540	0.512	0.484	0.457	0.431	0.405	0.381
68	0.643	0.613	0.583	0.554	0.525	0.497	0.469	0.442	0.416	0.391
69	0.660	0.629	0.599	0.569	0.539	0.510	0.482	0.454	0.427	0.402
70	0.679	0.648	0.616	0.585	0.555	0.525	0.496	0.467	0.440	0.413
71	0.700	0.667	0.635	0.603	0.572	0.541	0.511	0.481	0.453	0.426
72	0.722	0.688	0.655	0.622	0.590	0.558	0.527	0.496	0.467	0.439
73	0.746	0.711	0.677	0.643	0.610	0.577	0.544	0.513	0.483	0.454
74	0.772	0.736	0.701	0.665	0.631	0.597	0.563	0.531	0.499	0.470
75	0.800	0.763	0.726	0.690	0.654	0.619	0.584	0.550	0.518	0.487
76	0.831	0.792	0.754	0.716	0.679	0.642	0.606	0.571	0.538	0.505
77	0.864	0.824	0.784	0.745	0.706	0.668	0.631	0.594	0.559	0.526
78	0.900	0.859	0.817	0.776	0.736	0.696	0.657	0.619	0.583	0.548
79	0.940	0.896	0.853	0.810	0.768	0.727	0.686	0.646	0.608	0.572
80	0.983	0.938	0.892	0.848	0.804	0.760	0.718	0.676	0.636	0.598
81	1.031	0.983	0.935	0.888	0.842	0.797	0.752	0.709	0.667	0.627
82	1.083	1.032	0.982	0.933	0.885	0.837	0.790	0.744	0.701	0.659
83	1.139	1.086	1.034	0.982	0.931	0.881	0.832	0.784	0.737	0.693
84	1.201	1.146	1.090	1.036	0.982	0.929	0.877	0.826	0.777	0.731

***at later of member's death or early retirement age**

Mortality Table: Blended Healthy Mortality, Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)
Actuarial Equivalency Factors Effective January 1, 2016

Table 21: Conversion to Monthly Spouse Benefit at Later of Member's Death or Earliest Retirement Age - Healthy Members (OPSRP only)
(Factor Multiplied by 50% of Retirement Benefit)

	Age of Member at Later of Death or Earliest Early Retirement Age									
Spouse Age*	**91**	**92**	**93**	**94**	**95**	**96**	**97**	**98**	**99**	**100**
50	0.269	0.253	0.238	0.225	0.212	0.201	0.191	0.182	0.175	0.168
51	0.272	0.256	0.241	0.227	0.214	0.203	0.193	0.184	0.177	0.170
52	0.275	0.258	0.243	0.230	0.217	0.205	0.195	0.186	0.179	0.172
53	0.278	0.262	0.246	0.232	0.219	0.208	0.197	0.189	0.181	0.174
54	0.282	0.265	0.249	0.235	0.222	0.210	0.200	0.191	0.183	0.176
55	0.285	0.268	0.253	0.238	0.225	0.213	0.203	0.194	0.186	0.178
56	0.289	0.272	0.256	0.242	0.228	0.216	0.205	0.196	0.188	0.181
57	0.294	0.276	0.260	0.245	0.232	0.219	0.208	0.199	0.191	0.183
58	0.298	0.280	0.264	0.249	0.235	0.223	0.212	0.202	0.194	0.186
59	0.303	0.285	0.269	0.253	0.239	0.226	0.215	0.206	0.197	0.189
60	0.308	0.290	0.273	0.258	0.243	0.230	0.219	0.209	0.201	0.193
61	0.314	0.296	0.278	0.262	0.248	0.235	0.223	0.213	0.204	0.196
62	0.320	0.301	0.284	0.268	0.253	0.239	0.227	0.217	0.208	0.200
63	0.327	0.308	0.290	0.273	0.258	0.244	0.232	0.222	0.213	0.204
64	0.334	0.314	0.296	0.279	0.264	0.249	0.237	0.227	0.217	0.209
65	0.341	0.321	0.303	0.285	0.270	0.255	0.242	0.232	0.222	0.213
66	0.350	0.329	0.310	0.292	0.276	0.261	0.248	0.237	0.227	0.218
67	0.358	0.337	0.317	0.299	0.283	0.268	0.254	0.243	0.233	0.224
68	0.368	0.346	0.326	0.307	0.290	0.275	0.261	0.249	0.239	0.230
69	0.378	0.355	0.335	0.315	0.298	0.282	0.268	0.256	0.246	0.236
70	0.388	0.365	0.344	0.325	0.307	0.290	0.276	0.264	0.253	0.243
71	0.400	0.376	0.355	0.334	0.316	0.299	0.284	0.272	0.260	0.250
72	0.413	0.388	0.366	0.345	0.326	0.308	0.293	0.280	0.269	0.258
73	0.427	0.401	0.378	0.356	0.337	0.319	0.303	0.290	0.278	0.267
74	0.441	0.415	0.391	0.369	0.348	0.330	0.314	0.300	0.287	0.276
75	0.458	0.430	0.405	0.382	0.361	0.342	0.325	0.311	0.298	0.286
76	0.475	0.447	0.421	0.397	0.375	0.355	0.337	0.322	0.309	0.297
77	0.494	0.465	0.438	0.413	0.390	0.369	0.351	0.335	0.322	0.309
78	0.515	0.484	0.456	0.430	0.407	0.385	0.366	0.350	0.335	0.322
79	0.538	0.506	0.476	0.449	0.424	0.402	0.382	0.365	0.350	0.336
80	0.562	0.529	0.498	0.470	0.444	0.420	0.399	0.382	0.366	0.351
81	0.589	0.555	0.522	0.493	0.465	0.440	0.419	0.400	0.383	0.368
82	0.619	0.582	0.549	0.517	0.489	0.463	0.440	0.420	0.403	0.387
83	0.652	0.613	0.577	0.544	0.514	0.487	0.463	0.442	0.424	0.407
84	0.687	0.646	0.609	0.574	0.542	0.513	0.488	0.466	0.447	0.429

***at later of member's death or early retirement age**

Mortality Table: Blended Healthy Mortality, Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)
Actuarial Equivalency Factors Effective January 1, 2016

Table 21: Conversion to Monthly Spouse Benefit at Later of Member's Death or Earliest Retirement Age - Healthy Members (OPSRP only)
(Factor Multiplied by 50% of Retirement Benefit)

	Age of Member at Later of Death or Earliest Early Retirement Age										
Spouse Age*	**50**	**51**	**52**	**53**	**54**	**55**	**56**	**57**	**58**	**59**	**60**
85	2.716	2.688	2.659	2.629	2.597	2.564	2.530	2.494	2.456	2.417	2.377
86	2.876	2.846	2.816	2.783	2.750	2.715	2.678	2.640	2.601	2.559	2.517
87	3.051	3.020	2.987	2.953	2.918	2.881	2.842	2.801	2.759	2.716	2.670
88	3.244	3.211	3.176	3.140	3.102	3.063	3.021	2.978	2.934	2.887	2.839
89	3.453	3.417	3.381	3.342	3.302	3.260	3.216	3.170	3.123	3.073	3.022
90	3.678	3.640	3.601	3.560	3.517	3.472	3.425	3.377	3.326	3.273	3.219
91	3.915	3.875	3.834	3.790	3.744	3.697	3.647	3.595	3.541	3.485	3.427
92	4.163	4.121	4.076	4.030	3.981	3.931	3.878	3.822	3.765	3.706	3.644
93	4.422	4.377	4.330	4.281	4.229	4.175	4.119	4.060	4.000	3.936	3.870
94	4.692	4.644	4.594	4.541	4.487	4.429	4.370	4.307	4.243	4.176	4.106
95	4.970	4.919	4.866	4.811	4.753	4.692	4.629	4.563	4.495	4.423	4.349
96	5.258	5.204	5.148	5.090	5.028	4.964	4.897	4.828	4.755	4.680	4.602
97	5.534	5.478	5.419	5.357	5.293	5.225	5.155	5.081	5.005	4.926	4.844
98	5.787	5.728	5.666	5.601	5.534	5.463	5.390	5.313	5.233	5.150	5.064
99	6.036	5.974	5.910	5.842	5.772	5.699	5.622	5.542	5.459	5.372	5.282
100	6.292	6.228	6.161	6.091	6.017	5.941	5.861	5.777	5.691	5.600	5.507

***at later of member's death or early retirement age**

Mortality Table: Blended Healthy Mortality, Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)
Actuarial Equivalency Factors Effective January 1, 2016

Table 21: Conversion to Monthly Spouse Benefit at Later of Member's Death or Earliest Retirement Age - Healthy Members (OPSRP only)
(Factor Multiplied by 50% of Retirement Benefit)

	Age of Member at Later of Death or Earliest Early Retirement Age									
Spouse Age*	**61**	**62**	**63**	**64**	**65**	**66**	**67**	**68**	**69**	**70**
85	2.335	2.291	2.246	2.200	2.153	2.105	2.055	2.005	1.953	1.900
86	2.472	2.426	2.379	2.330	2.280	2.228	2.176	2.122	2.068	2.011
87	2.623	2.574	2.524	2.472	2.419	2.364	2.309	2.252	2.194	2.134
88	2.789	2.737	2.683	2.628	2.572	2.514	2.455	2.394	2.332	2.269
89	2.968	2.913	2.856	2.797	2.737	2.676	2.613	2.548	2.483	2.415
90	3.162	3.103	3.042	2.980	2.916	2.850	2.783	2.715	2.644	2.573
91	3.366	3.303	3.239	3.172	3.104	3.034	2.963	2.890	2.815	2.739
92	3.579	3.512	3.444	3.373	3.300	3.226	3.150	3.073	2.994	2.912
93	3.802	3.731	3.658	3.583	3.506	3.427	3.347	3.264	3.180	3.094
94	4.033	3.958	3.881	3.801	3.719	3.636	3.550	3.463	3.373	3.282
95	4.272	4.193	4.111	4.026	3.940	3.851	3.761	3.668	3.573	3.476
96	4.520	4.436	4.349	4.260	4.168	4.075	3.979	3.881	3.781	3.678
97	4.758	4.669	4.578	4.484	4.388	4.289	4.188	4.085	3.979	3.871
98	4.975	4.882	4.786	4.688	4.587	4.484	4.379	4.271	4.161	4.048
99	5.189	5.092	4.992	4.890	4.785	4.677	4.567	4.455	4.340	4.222
100	5.409	5.309	5.205	5.098	4.988	4.876	4.761	4.644	4.524	4.401

***at later of member's death or early retirement age**

Mortality Table: Blended Healthy Mortality, Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)
Actuarial Equivalency Factors Effective January 1, 2016

Table 21: Conversion to Monthly Spouse Benefit at Later of Member's Death or Earliest Retirement Age - Healthy Members (OPSRP only)
(Factor Multiplied by 50% of Retirement Benefit)

	Age of Member at Later of Death or Earliest Early Retirement Age									
Spouse Age*	**71**	**72**	**73**	**74**	**75**	**76**	**77**	**78**	**79**	**80**
85	1.846	1.791	1.735	1.678	1.621	1.563	1.505	1.446	1.387	1.328
86	1.954	1.896	1.837	1.777	1.716	1.655	1.593	1.531	1.469	1.406
87	2.073	2.012	1.949	1.885	1.821	1.756	1.691	1.625	1.559	1.492
88	2.205	2.139	2.072	2.005	1.936	1.867	1.797	1.727	1.657	1.587
89	2.346	2.276	2.205	2.134	2.061	1.987	1.913	1.839	1.764	1.689
90	2.499	2.425	2.349	2.273	2.195	2.117	2.038	1.958	1.879	1.799
91	2.661	2.582	2.501	2.419	2.337	2.254	2.170	2.085	2.000	1.915
92	2.829	2.745	2.659	2.573	2.485	2.396	2.307	2.217	2.127	2.036
93	3.005	2.916	2.825	2.733	2.640	2.545	2.450	2.355	2.259	2.163
94	3.188	3.093	2.997	2.899	2.800	2.700	2.600	2.498	2.397	2.295
95	3.377	3.277	3.175	3.071	2.966	2.860	2.754	2.646	2.539	2.431
96	3.573	3.467	3.359	3.249	3.138	3.026	2.913	2.800	2.686	2.572
97	3.761	3.649	3.535	3.420	3.303	3.185	3.067	2.947	2.827	2.707
98	3.932	3.815	3.696	3.576	3.454	3.330	3.206	3.081	2.956	2.830
99	4.102	3.980	3.856	3.730	3.602	3.474	3.344	3.214	3.083	2.952
100	4.276	4.149	4.019	3.888	3.755	3.621	3.486	3.351	3.214	3.078

***at later of member's death or early retirement age**

Mortality Table: Blended Healthy Mortality, Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)
Actuarial Equivalency Factors Effective January 1, 2016

Table 21: Conversion to Monthly Spouse Benefit at Later of Member's Death or Earliest Retirement Age - Healthy Members (OPSRP only)
(Factor Multiplied by 50% of Retirement Benefit)

	Age of Member at Later of Death or Earliest Early Retirement Age									
Spouse Age*	**81**	**82**	**83**	**84**	**85**	**86**	**87**	**88**	**89**	**90**
85	1.269	1.210	1.152	1.094	1.037	0.981	0.927	0.873	0.821	0.772
86	1.344	1.282	1.220	1.159	1.098	1.039	0.981	0.924	0.870	0.818
87	1.426	1.360	1.294	1.229	1.165	1.102	1.041	0.981	0.923	0.868
88	1.516	1.446	1.376	1.307	1.239	1.172	1.107	1.043	0.981	0.922
89	1.614	1.539	1.465	1.391	1.319	1.248	1.178	1.110	1.044	0.982
90	1.719	1.639	1.560	1.482	1.405	1.329	1.255	1.182	1.112	1.046
91	1.830	1.745	1.661	1.578	1.495	1.415	1.336	1.259	1.184	1.113
92	1.946	1.856	1.766	1.677	1.590	1.504	1.420	1.338	1.259	1.184
93	2.067	1.971	1.876	1.782	1.689	1.598	1.509	1.421	1.338	1.257
94	2.193	2.091	1.990	1.890	1.792	1.695	1.600	1.508	1.419	1.334
95	2.323	2.215	2.108	2.002	1.898	1.796	1.695	1.597	1.503	1.413
96	2.457	2.343	2.230	2.118	2.008	1.900	1.794	1.690	1.590	1.495
97	2.587	2.467	2.348	2.230	2.114	2.000	1.888	1.779	1.674	1.574
98	2.704	2.579	2.455	2.331	2.210	2.091	1.974	1.860	1.750	1.645
99	2.821	2.690	2.560	2.432	2.305	2.181	2.059	1.940	1.826	1.716
100	2.941	2.804	2.669	2.535	2.403	2.274	2.147	2.022	1.903	1.789

***at later of member's death or early retirement age**

Mortality Table: Blended Healthy Mortality, Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)
Actuarial Equivalency Factors Effective January 1, 2016

Table 21: Conversion to Monthly Spouse Benefit at Later of Member's Death or Earliest Retirement Age - Healthy Members (OPSRP only)
(Factor Multiplied by 50% of Retirement Benefit)

	Age of Member at Later of Death or Earliest Early Retirement Age									
Spouse Age*	**91**	**92**	**93**	**94**	**95**	**96**	**97**	**98**	**99**	**100**
85	0.726	0.683	0.643	0.607	0.573	0.542	0.516	0.493	0.472	0.454
86	0.769	0.723	0.681	0.642	0.607	0.574	0.546	0.522	0.500	0.480
87	0.816	0.767	0.723	0.681	0.644	0.609	0.579	0.554	0.531	0.510
88	0.867	0.816	0.768	0.725	0.685	0.648	0.616	0.589	0.564	0.542
89	0.923	0.868	0.818	0.771	0.729	0.689	0.655	0.626	0.600	0.577
90	0.983	0.925	0.871	0.821	0.776	0.734	0.698	0.667	0.640	0.614
91	1.047	0.985	0.927	0.875	0.826	0.782	0.743	0.710	0.681	0.654
92	1.113	1.047	0.986	0.930	0.879	0.831	0.790	0.755	0.724	0.695
93	1.182	1.112	1.047	0.988	0.933	0.883	0.840	0.802	0.769	0.739
94	1.254	1.180	1.111	1.048	0.990	0.937	0.891	0.851	0.816	0.784
95	1.329	1.250	1.177	1.110	1.049	0.992	0.943	0.902	0.864	0.830
96	1.406	1.322	1.245	1.174	1.110	1.050	0.998	0.954	0.914	0.878
97	1.479	1.392	1.311	1.236	1.168	1.105	1.051	1.004	0.963	0.924
98	1.547	1.455	1.371	1.293	1.221	1.156	1.098	1.050	1.006	0.966
99	1.613	1.518	1.430	1.348	1.274	1.205	1.146	1.095	1.050	1.008
100	1.682	1.582	1.490	1.405	1.328	1.257	1.194	1.142	1.094	1.051

***at later of member's death or early retirement age**

Mortality Table: Blended Healthy Mortality, Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)
Actuarial Equivalency Factors Effective January 1, 2016

Table 22: Conversion to Monthly Spouse Benefit at Commencement Date (OPSRP only)
(Factor Multiplied by Benefit to Spouse at Later of Death or Early Retirement Age)

	Age of Spouse at Later of Member's Date of Death or Earliest Early Retirement Age														
Spouse Age*	**15**	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**25**	**26**	**27**	**28**	**29**
15	**1.000**	0.929	0.862	0.801	0.744	0.690	0.641	0.595	0.552	0.512	0.475	0.441	0.409	0.380	0.352
16	1.077	**1.000**	0.929	0.862	0.801	0.743	0.690	0.641	0.594	0.552	0.512	0.475	0.441	0.409	0.379
17	1.160	1.077	**1.000**	0.929	0.862	0.800	0.743	0.690	0.640	0.594	0.551	0.511	0.474	0.440	0.408
18	1.249	1.160	1.077	**1.000**	0.928	0.862	0.800	0.743	0.689	0.640	0.594	0.551	0.511	0.474	0.439
19	1.345	1.249	1.160	1.077	**1.000**	0.928	0.862	0.800	0.742	0.689	0.639	0.593	0.550	0.510	0.473
20	1.449	1.345	1.249	1.160	1.077	**1.000**	0.928	0.862	0.800	0.742	0.689	0.639	0.593	0.550	0.510
21	1.561	1.449	1.346	1.250	1.160	1.077	**1.000**	0.928	0.861	0.799	0.742	0.688	0.638	0.592	0.549
22	1.682	1.562	1.450	1.347	1.250	1.161	1.077	**1.000**	0.928	0.861	0.799	0.741	0.688	0.638	0.591
23	1.812	1.683	1.563	1.451	1.347	1.251	1.161	1.078	**1.000**	0.928	0.861	0.799	0.741	0.687	0.637
24	1.953	1.814	1.684	1.564	1.452	1.348	1.251	1.161	1.078	**1.000**	0.928	0.861	0.798	0.740	0.687
25	2.105	1.955	1.815	1.686	1.565	1.453	1.348	1.252	1.162	1.078	**1.000**	0.928	0.860	0.798	0.740
26	2.269	2.108	1.957	1.817	1.687	1.566	1.454	1.349	1.252	1.162	1.078	**1.000**	0.928	0.860	0.798
27	2.447	2.272	2.110	1.959	1.819	1.689	1.567	1.455	1.350	1.253	1.162	1.078	**1.000**	0.927	0.860
28	2.639	2.451	2.276	2.113	1.962	1.821	1.690	1.569	1.456	1.351	1.253	1.163	1.078	**1.000**	0.927
29	2.846	2.643	2.454	2.279	2.116	1.964	1.823	1.692	1.570	1.457	1.352	1.254	1.163	1.078	**1.000**
30	3.071	2.852	2.648	2.459	2.282	2.119	1.967	1.825	1.694	1.572	1.458	1.353	1.254	1.163	1.079
31	3.314	3.077	2.857	2.653	2.463	2.286	2.122	1.969	1.828	1.696	1.573	1.459	1.354	1.255	1.164
32	3.577	3.321	3.084	2.863	2.658	2.467	2.290	2.126	1.972	1.830	1.698	1.575	1.461	1.355	1.256
33	3.861	3.586	3.329	3.091	2.870	2.664	2.472	2.295	2.129	1.976	1.833	1.700	1.577	1.462	1.356
34	4.170	3.872	3.595	3.338	3.099	2.876	2.670	2.478	2.299	2.133	1.979	1.836	1.702	1.579	1.464
35	4.504	4.182	3.883	3.605	3.347	3.107	2.883	2.676	2.483	2.304	2.137	1.983	1.839	1.705	1.581
36	4.866	4.519	4.195	3.895	3.616	3.357	3.115	2.891	2.683	2.489	2.309	2.142	1.986	1.842	1.708
37	5.259	4.883	4.534	4.210	3.908	3.627	3.367	3.124	2.899	2.690	2.495	2.315	2.147	1.990	1.845
38	5.686	5.280	4.902	4.551	4.225	3.922	3.640	3.378	3.134	2.908	2.697	2.502	2.320	2.152	1.995
39	6.149	5.710	5.301	4.922	4.569	4.241	3.936	3.653	3.389	3.144	2.917	2.706	2.509	2.326	2.157
40	6.652	6.177	5.735	5.325	4.943	4.588	4.258	3.951	3.666	3.402	3.155	2.927	2.714	2.517	2.333
41	7.200	6.685	6.207	5.762	5.349	4.965	4.608	4.276	3.968	3.681	3.415	3.167	2.937	2.723	2.525
42	7.795	7.238	6.720	6.239	5.791	5.376	4.989	4.630	4.296	3.985	3.697	3.429	3.180	2.948	2.733
43	8.444	7.840	7.279	6.758	6.273	5.822	5.404	5.014	4.653	4.316	4.004	3.713	3.444	3.193	2.960
44	9.150	8.496	7.888	7.323	6.798	6.309	5.855	5.434	5.042	4.677	4.338	4.024	3.731	3.459	3.207
45	9.921	9.212	8.552	7.940	7.370	6.840	6.348	5.891	5.466	5.070	4.703	4.362	4.045	3.750	3.476
46	10.762	9.992	9.277	8.612	7.994	7.420	6.886	6.390	5.928	5.500	5.101	4.731	4.387	4.068	3.770
47	11.680	10.845	10.069	9.347	8.677	8.053	7.473	6.935	6.434	5.969	5.536	5.135	4.761	4.414	4.092
48	12.685	11.778	10.935	10.151	9.423	8.745	8.116	7.531	6.987	6.482	6.012	5.575	5.170	4.793	4.443
49	13.785	12.799	11.883	11.031	10.239	9.503	8.819	8.183	7.592	7.043	6.532	6.058	5.617	5.208	4.827

***age of spouse at date of benefit commencement**

Mortality Table: Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)
Actuarial Equivalency Factors Effective January 1, 2016

Table 22: Conversion to Monthly Spouse Benefit at Commencement Date (OPSRP only)
(Factor Multiplied by Benefit to Spouse at Later of Death or Early Retirement Age)

	Age of Spouse at Later of Member's Date of Death or Earliest Early Retirement Age														
Spouse Age*	**30**	**31**	**32**	**33**	**34**	**35**	**36**	**37**	**38**	**39**	**40**	**41**	**42**	**43**	**44**
15	0.326	0.303	0.281	0.260	0.241	0.223	0.207	0.191	0.177	0.164	0.152	0.140	0.130	0.120	0.111
16	0.351	0.326	0.302	0.280	0.259	0.240	0.223	0.206	0.191	0.177	0.163	0.151	0.140	0.129	0.119
17	0.378	0.351	0.325	0.301	0.279	0.259	0.240	0.222	0.205	0.190	0.176	0.163	0.150	0.139	0.129
18	0.407	0.378	0.350	0.324	0.301	0.278	0.258	0.239	0.221	0.205	0.189	0.175	0.162	0.150	0.138
19	0.439	0.407	0.377	0.349	0.324	0.300	0.278	0.257	0.238	0.220	0.204	0.189	0.174	0.161	0.149
20	0.473	0.438	0.406	0.376	0.349	0.323	0.299	0.277	0.256	0.237	0.220	0.203	0.188	0.174	0.160
21	0.509	0.472	0.437	0.405	0.375	0.348	0.322	0.298	0.276	0.255	0.236	0.219	0.202	0.187	0.173
22	0.548	0.508	0.471	0.437	0.404	0.375	0.347	0.321	0.297	0.275	0.255	0.235	0.218	0.201	0.186
23	0.591	0.548	0.508	0.470	0.436	0.404	0.374	0.346	0.320	0.296	0.274	0.254	0.235	0.217	0.200
24	0.637	0.590	0.547	0.507	0.470	0.435	0.403	0.373	0.345	0.319	0.295	0.273	0.253	0.234	0.216
25	0.686	0.636	0.589	0.546	0.506	0.469	0.434	0.402	0.372	0.344	0.318	0.294	0.272	0.252	0.232
26	0.740	0.685	0.635	0.589	0.545	0.505	0.468	0.433	0.401	0.371	0.343	0.317	0.293	0.271	0.250
27	0.797	0.739	0.685	0.635	0.588	0.544	0.504	0.467	0.432	0.400	0.370	0.342	0.316	0.292	0.270
28	0.860	0.797	0.738	0.684	0.634	0.587	0.544	0.503	0.466	0.431	0.399	0.369	0.341	0.315	0.291
29	0.927	0.859	0.796	0.738	0.684	0.633	0.586	0.543	0.502	0.465	0.430	0.397	0.367	0.340	0.314
30	**1.000**	0.927	0.859	0.796	0.737	0.683	0.632	0.585	0.542	0.501	0.464	0.429	0.396	0.366	0.338
31	1.079	**1.000**	0.927	0.859	0.795	0.737	0.682	0.631	0.584	0.541	0.500	0.462	0.427	0.395	0.365
32	1.164	1.079	**1.000**	0.926	0.858	0.795	0.736	0.681	0.630	0.583	0.539	0.499	0.461	0.426	0.393
33	1.257	1.165	1.079	**1.000**	0.926	0.858	0.794	0.735	0.680	0.629	0.582	0.538	0.497	0.460	0.425
34	1.357	1.258	1.165	1.080	**1.000**	0.926	0.857	0.794	0.734	0.679	0.628	0.581	0.537	0.496	0.458
35	1.465	1.358	1.258	1.166	1.080	**1.000**	0.926	0.857	0.793	0.734	0.678	0.627	0.580	0.536	0.495
36	1.583	1.467	1.359	1.259	1.166	1.080	**1.000**	0.926	0.856	0.792	0.733	0.677	0.626	0.578	0.534
37	1.710	1.585	1.469	1.361	1.260	1.167	1.080	**1.000**	0.925	0.856	0.792	0.732	0.676	0.625	0.577
38	1.849	1.713	1.588	1.471	1.362	1.261	1.168	1.081	**1.000**	0.925	0.855	0.791	0.731	0.675	0.623
39	1.999	1.853	1.717	1.590	1.473	1.364	1.262	1.168	1.081	**1.000**	0.925	0.855	0.790	0.730	0.674
40	2.162	2.004	1.857	1.720	1.593	1.475	1.365	1.264	1.169	1.081	**1.000**	0.924	0.854	0.789	0.729
41	2.340	2.168	2.009	1.861	1.724	1.596	1.477	1.367	1.265	1.170	1.082	**1.000**	0.924	0.854	0.788
42	2.533	2.347	2.175	2.015	1.866	1.727	1.599	1.480	1.369	1.266	1.171	1.082	**1.000**	0.924	0.853
43	2.743	2.542	2.355	2.182	2.020	1.871	1.731	1.602	1.482	1.371	1.268	1.172	1.083	**1.000**	0.923
44	2.972	2.754	2.552	2.364	2.189	2.027	1.876	1.736	1.606	1.485	1.373	1.269	1.173	1.083	**1.000**
45	3.222	2.986	2.766	2.562	2.373	2.197	2.033	1.881	1.740	1.610	1.488	1.375	1.271	1.174	1.084
46	3.494	3.238	3.000	2.779	2.573	2.382	2.205	2.040	1.887	1.745	1.614	1.491	1.378	1.272	1.175
47	3.792	3.514	3.255	3.015	2.792	2.585	2.392	2.214	2.048	1.894	1.751	1.618	1.495	1.380	1.274
48	4.117	3.815	3.534	3.274	3.031	2.806	2.597	2.403	2.223	2.056	1.900	1.756	1.622	1.498	1.383
49	4.474	4.145	3.840	3.556	3.293	3.049	2.821	2.611	2.415	2.233	2.064	1.908	1.762	1.627	1.502

***age of spouse at date of benefit commencement**

Mortality Table: Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)
Actuarial Equivalency Factors Effective January 1, 2016

Table 22: Conversion to Monthly Spouse Benefit at Commencement Date (OPSRP only)
(Factor Multiplied by Benefit to Spouse at Later of Death or Early Retirement Age)

	Age of Spouse at Later of Member's Date of Death or Earliest Early Retirement Age														
Spouse Age*	**45**	**46**	**47**	**48**	**49**	**50**	**51**	**52**	**53**	**54**	**55**	**56**	**57**	**58**	**59**
15	0.103	0.095	0.087	0.081	0.074	0.069	0.063	0.058	0.054	0.049	0.045	0.042	0.038	0.035	0.032
16	0.110	0.102	0.094	0.087	0.080	0.074	0.068	0.063	0.058	0.053	0.049	0.045	0.041	0.038	0.035
17	0.119	0.110	0.101	0.093	0.086	0.079	0.073	0.067	0.062	0.057	0.053	0.048	0.044	0.041	0.037
18	0.128	0.118	0.109	0.101	0.093	0.086	0.079	0.073	0.067	0.061	0.057	0.052	0.048	0.044	0.040
19	0.138	0.127	0.117	0.108	0.100	0.092	0.085	0.078	0.072	0.066	0.061	0.056	0.051	0.047	0.043
20	0.148	0.137	0.126	0.117	0.107	0.099	0.091	0.084	0.077	0.071	0.065	0.060	0.055	0.051	0.046
21	0.160	0.147	0.136	0.125	0.116	0.107	0.098	0.091	0.083	0.077	0.070	0.065	0.059	0.055	0.050
22	0.172	0.159	0.146	0.135	0.125	0.115	0.106	0.097	0.090	0.082	0.076	0.070	0.064	0.059	0.054
23	0.185	0.171	0.158	0.145	0.134	0.124	0.114	0.105	0.097	0.089	0.082	0.075	0.069	0.063	0.058
24	0.199	0.184	0.170	0.157	0.144	0.133	0.123	0.113	0.104	0.096	0.088	0.081	0.074	0.068	0.062
25	0.215	0.198	0.183	0.169	0.156	0.143	0.132	0.122	0.112	0.103	0.095	0.087	0.080	0.073	0.067
26	0.231	0.214	0.197	0.182	0.168	0.154	0.142	0.131	0.121	0.111	0.102	0.094	0.086	0.079	0.072
27	0.249	0.230	0.212	0.196	0.181	0.166	0.153	0.141	0.130	0.119	0.110	0.101	0.093	0.085	0.078
28	0.269	0.248	0.229	0.211	0.195	0.179	0.165	0.152	0.140	0.129	0.118	0.109	0.100	0.091	0.084
29	0.290	0.267	0.247	0.228	0.210	0.193	0.178	0.164	0.151	0.139	0.127	0.117	0.107	0.098	0.090
30	0.312	0.288	0.266	0.245	0.226	0.208	0.192	0.177	0.163	0.149	0.137	0.126	0.116	0.106	0.097
31	0.337	0.311	0.287	0.265	0.244	0.225	0.207	0.190	0.175	0.161	0.148	0.136	0.125	0.114	0.105
32	0.363	0.335	0.309	0.285	0.263	0.242	0.223	0.205	0.189	0.174	0.160	0.146	0.134	0.123	0.113
33	0.392	0.362	0.334	0.308	0.284	0.261	0.241	0.222	0.204	0.187	0.172	0.158	0.145	0.133	0.122
34	0.423	0.390	0.360	0.332	0.306	0.282	0.260	0.239	0.220	0.202	0.186	0.170	0.156	0.143	0.131
35	0.457	0.422	0.389	0.359	0.330	0.304	0.280	0.258	0.237	0.218	0.200	0.184	0.169	0.154	0.141
36	0.493	0.455	0.420	0.387	0.357	0.329	0.303	0.278	0.256	0.235	0.216	0.198	0.182	0.167	0.153
37	0.533	0.492	0.453	0.418	0.385	0.355	0.327	0.301	0.276	0.254	0.233	0.214	0.196	0.180	0.165
38	0.576	0.531	0.490	0.452	0.416	0.383	0.353	0.325	0.298	0.274	0.252	0.231	0.212	0.194	0.178
39	0.622	0.574	0.529	0.488	0.450	0.414	0.381	0.351	0.322	0.296	0.272	0.250	0.229	0.210	0.192
40	0.673	0.621	0.572	0.528	0.486	0.448	0.412	0.379	0.349	0.320	0.294	0.270	0.247	0.226	0.207
41	0.728	0.671	0.619	0.571	0.526	0.484	0.446	0.410	0.377	0.346	0.318	0.292	0.267	0.245	0.224
42	0.787	0.726	0.670	0.617	0.569	0.524	0.482	0.443	0.408	0.374	0.344	0.315	0.289	0.265	0.242
43	0.852	0.786	0.725	0.668	0.616	0.567	0.522	0.480	0.441	0.405	0.372	0.341	0.313	0.286	0.262
44	0.923	0.851	0.785	0.724	0.667	0.614	0.565	0.519	0.477	0.438	0.402	0.369	0.338	0.310	0.283
45	**1.000**	0.922	0.851	0.784	0.722	0.665	0.612	0.563	0.517	0.475	0.436	0.400	0.366	0.335	0.307
46	1.084	**1.000**	0.922	0.850	0.783	0.721	0.663	0.610	0.560	0.514	0.472	0.433	0.397	0.363	0.332
47	1.176	1.085	**1.000**	0.922	0.849	0.781	0.719	0.661	0.607	0.558	0.512	0.469	0.430	0.393	0.360
48	1.276	1.177	1.085	**1.000**	0.921	0.848	0.780	0.717	0.659	0.605	0.555	0.509	0.466	0.427	0.390
49	1.386	1.278	1.178	1.086	**1.000**	0.920	0.847	0.778	0.715	0.657	0.602	0.552	0.506	0.463	0.423

***age of spouse at date of benefit commencement**

Mortality Table: Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)
Actuarial Equivalency Factors Effective January 1, 2016

Table 22: Conversion to Monthly Spouse Benefit at Commencement Date (OPSRP only)
(Factor Multiplied by Benefit to Spouse at Later of Death or Early Retirement Age)

	Age of Spouse at Later of Member's Date of Death or Earliest Early Retirement Age														
Spouse Age*	**60**	**61**	**62**	**63**	**64**	**65**	**66**	**67**	**68**	**69**	**70**	**71**	**72**	**73**	**74**
15	0.030	0.027	0.025	0.023	0.021	0.019	0.017	0.016	0.014	0.013	0.012	0.011	0.010	0.009	0.008
16	0.032	0.029	0.027	0.024	0.022	0.020	0.019	0.017	0.015	0.014	0.013	0.011	0.010	0.009	0.008
17	0.034	0.031	0.029	0.026	0.024	0.022	0.020	0.018	0.016	0.015	0.014	0.012	0.011	0.010	0.009
18	0.037	0.034	0.031	0.028	0.026	0.023	0.021	0.019	0.018	0.016	0.015	0.013	0.012	0.011	0.010
19	0.040	0.036	0.033	0.030	0.028	0.025	0.023	0.021	0.019	0.017	0.016	0.014	0.013	0.012	0.010
20	0.043	0.039	0.036	0.033	0.030	0.027	0.025	0.022	0.020	0.019	0.017	0.015	0.014	0.012	0.011
21	0.046	0.042	0.038	0.035	0.032	0.029	0.027	0.024	0.022	0.020	0.018	0.016	0.015	0.013	0.012
22	0.049	0.045	0.041	0.038	0.034	0.031	0.029	0.026	0.024	0.021	0.019	0.018	0.016	0.014	0.013
23	0.053	0.049	0.044	0.041	0.037	0.034	0.031	0.028	0.025	0.023	0.021	0.019	0.017	0.015	0.014
24	0.057	0.052	0.048	0.044	0.040	0.036	0.033	0.030	0.027	0.025	0.022	0.020	0.018	0.016	0.015
25	0.061	0.056	0.051	0.047	0.043	0.039	0.036	0.032	0.029	0.027	0.024	0.022	0.020	0.018	0.016
26	0.066	0.061	0.055	0.051	0.046	0.042	0.038	0.035	0.032	0.029	0.026	0.023	0.021	0.019	0.017
27	0.071	0.065	0.060	0.054	0.050	0.045	0.041	0.037	0.034	0.031	0.028	0.025	0.023	0.020	0.018
28	0.077	0.070	0.064	0.059	0.053	0.049	0.044	0.040	0.036	0.033	0.030	0.027	0.024	0.022	0.020
29	0.083	0.076	0.069	0.063	0.057	0.052	0.048	0.043	0.039	0.036	0.032	0.029	0.026	0.024	0.021
30	0.089	0.081	0.074	0.068	0.062	0.056	0.051	0.047	0.042	0.038	0.035	0.031	0.028	0.025	0.023
31	0.096	0.088	0.080	0.073	0.067	0.061	0.055	0.050	0.045	0.041	0.037	0.034	0.030	0.027	0.024
32	0.103	0.094	0.086	0.079	0.072	0.065	0.059	0.054	0.049	0.044	0.040	0.036	0.033	0.029	0.026
33	0.111	0.102	0.093	0.085	0.077	0.070	0.064	0.058	0.053	0.048	0.043	0.039	0.035	0.031	0.028
34	0.120	0.110	0.100	0.091	0.083	0.076	0.069	0.063	0.057	0.051	0.046	0.042	0.038	0.034	0.030
35	0.129	0.118	0.108	0.099	0.090	0.082	0.074	0.067	0.061	0.055	0.050	0.045	0.041	0.036	0.033
36	0.140	0.128	0.116	0.106	0.097	0.088	0.080	0.073	0.066	0.060	0.054	0.048	0.044	0.039	0.035
37	0.151	0.138	0.126	0.115	0.104	0.095	0.086	0.078	0.071	0.064	0.058	0.052	0.047	0.042	0.038
38	0.163	0.149	0.136	0.124	0.113	0.102	0.093	0.084	0.076	0.069	0.062	0.056	0.051	0.045	0.041
39	0.175	0.160	0.146	0.133	0.121	0.110	0.100	0.091	0.082	0.075	0.067	0.061	0.055	0.049	0.044
40	0.190	0.173	0.158	0.144	0.131	0.119	0.108	0.098	0.089	0.080	0.073	0.065	0.059	0.053	0.047
41	0.205	0.187	0.171	0.156	0.142	0.129	0.117	0.106	0.096	0.087	0.078	0.070	0.063	0.057	0.051
42	0.221	0.202	0.184	0.168	0.153	0.139	0.126	0.114	0.104	0.094	0.084	0.076	0.068	0.061	0.055
43	0.239	0.219	0.199	0.182	0.165	0.150	0.136	0.124	0.112	0.101	0.091	0.082	0.074	0.066	0.059
44	0.259	0.236	0.216	0.196	0.179	0.162	0.147	0.134	0.121	0.109	0.098	0.089	0.080	0.071	0.064
45	0.280	0.256	0.233	0.212	0.193	0.176	0.159	0.144	0.131	0.118	0.106	0.096	0.086	0.077	0.069
46	0.303	0.277	0.253	0.230	0.209	0.190	0.172	0.156	0.141	0.128	0.115	0.103	0.093	0.083	0.074
47	0.329	0.300	0.274	0.249	0.227	0.206	0.187	0.169	0.153	0.138	0.124	0.112	0.100	0.090	0.080
48	0.356	0.325	0.296	0.270	0.245	0.223	0.202	0.183	0.165	0.149	0.135	0.121	0.108	0.097	0.087
49	0.387	0.353	0.321	0.293	0.266	0.242	0.219	0.198	0.179	0.162	0.146	0.131	0.117	0.105	0.094

***age of spouse at date of benefit commencement**

Mortality Table: Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)
Actuarial Equivalency Factors Effective January 1, 2016

Table 22: Conversion to Monthly Spouse Benefit at Commencement Date (OPSRP only)
(Factor Multiplied by Benefit to Spouse at Later of Death or Early Retirement Age)

	Age of Spouse at Later of Member's Date of Death or Earliest Early Retirement Age														
Spouse Age*	**75**	**76**	**77**	**78**	**79**	**80**	**81**	**82**	**83**	**84**	**85**	**86**	**87**	**88**	**89**
15	0.007	0.006	0.006	0.005	0.004	0.004	0.003	0.003	0.003	0.002	0.002	0.002	0.001	0.001	0.001
16	0.008	0.007	0.006	0.005	0.005	0.004	0.004	0.003	0.003	0.003	0.002	0.002	0.002	0.001	0.001
17	0.008	0.007	0.006	0.006	0.005	0.005	0.004	0.004	0.003	0.003	0.002	0.002	0.002	0.001	0.001
18	0.009	0.008	0.007	0.006	0.005	0.005	0.004	0.004	0.003	0.003	0.002	0.002	0.002	0.002	0.001
19	0.009	0.008	0.007	0.007	0.006	0.005	0.005	0.004	0.004	0.003	0.003	0.002	0.002	0.002	0.001
20	0.010	0.009	0.008	0.007	0.006	0.006	0.005	0.004	0.004	0.003	0.003	0.002	0.002	0.002	0.001
21	0.011	0.010	0.009	0.008	0.007	0.006	0.005	0.005	0.004	0.004	0.003	0.003	0.002	0.002	0.002
22	0.011	0.010	0.009	0.008	0.007	0.006	0.006	0.005	0.004	0.004	0.003	0.003	0.002	0.002	0.002
23	0.012	0.011	0.010	0.009	0.008	0.007	0.006	0.005	0.005	0.004	0.003	0.003	0.003	0.002	0.002
24	0.013	0.012	0.011	0.009	0.008	0.007	0.006	0.006	0.005	0.004	0.004	0.003	0.003	0.002	0.002
25	0.014	0.013	0.011	0.010	0.009	0.008	0.007	0.006	0.005	0.005	0.004	0.003	0.003	0.002	0.002
26	0.015	0.014	0.012	0.011	0.010	0.008	0.007	0.007	0.006	0.005	0.004	0.004	0.003	0.003	0.002
27	0.016	0.015	0.013	0.012	0.010	0.009	0.008	0.007	0.006	0.005	0.005	0.004	0.003	0.003	0.002
28	0.018	0.016	0.014	0.012	0.011	0.010	0.009	0.007	0.007	0.006	0.005	0.004	0.004	0.003	0.003
29	0.019	0.017	0.015	0.013	0.012	0.010	0.009	0.008	0.007	0.006	0.005	0.004	0.004	0.003	0.003
30	0.020	0.018	0.016	0.014	0.013	0.011	0.010	0.009	0.007	0.006	0.006	0.005	0.004	0.003	0.003
31	0.022	0.019	0.017	0.015	0.014	0.012	0.011	0.009	0.008	0.007	0.006	0.005	0.004	0.004	0.003
32	0.023	0.021	0.019	0.017	0.015	0.013	0.011	0.010	0.009	0.007	0.006	0.005	0.005	0.004	0.003
33	0.025	0.023	0.020	0.018	0.016	0.014	0.012	0.011	0.009	0.008	0.007	0.006	0.005	0.004	0.003
34	0.027	0.024	0.022	0.019	0.017	0.015	0.013	0.011	0.010	0.009	0.007	0.006	0.005	0.004	0.004
35	0.029	0.026	0.023	0.020	0.018	0.016	0.014	0.012	0.011	0.009	0.008	0.007	0.006	0.005	0.004
36	0.031	0.028	0.025	0.022	0.019	0.017	0.015	0.013	0.011	0.010	0.008	0.007	0.006	0.005	0.004
37	0.034	0.030	0.027	0.024	0.021	0.018	0.016	0.014	0.012	0.011	0.009	0.008	0.007	0.005	0.005
38	0.036	0.032	0.029	0.025	0.022	0.020	0.017	0.015	0.013	0.011	0.010	0.008	0.007	0.006	0.005
39	0.039	0.035	0.031	0.027	0.024	0.021	0.019	0.016	0.014	0.012	0.010	0.009	0.007	0.006	0.005
40	0.042	0.037	0.033	0.029	0.026	0.023	0.020	0.017	0.015	0.013	0.011	0.009	0.008	0.007	0.006
41	0.045	0.040	0.036	0.032	0.028	0.025	0.021	0.019	0.016	0.014	0.012	0.010	0.009	0.007	0.006
42	0.049	0.043	0.039	0.034	0.030	0.026	0.023	0.020	0.017	0.015	0.013	0.011	0.009	0.008	0.006
43	0.053	0.047	0.042	0.037	0.032	0.028	0.025	0.022	0.019	0.016	0.014	0.012	0.010	0.008	0.007
44	0.057	0.051	0.045	0.040	0.035	0.031	0.027	0.023	0.020	0.017	0.015	0.013	0.011	0.009	0.007
45	0.061	0.055	0.048	0.043	0.038	0.033	0.029	0.025	0.022	0.019	0.016	0.013	0.011	0.009	0.008
46	0.066	0.059	0.052	0.046	0.040	0.035	0.031	0.027	0.023	0.020	0.017	0.014	0.012	0.010	0.008
47	0.071	0.063	0.056	0.050	0.044	0.038	0.033	0.029	0.025	0.022	0.018	0.016	0.013	0.011	0.009
48	0.077	0.069	0.061	0.054	0.047	0.041	0.036	0.031	0.027	0.023	0.020	0.017	0.014	0.012	0.010
49	0.084	0.074	0.066	0.058	0.051	0.045	0.039	0.034	0.029	0.025	0.021	0.018	0.015	0.013	0.010

***age of spouse at date of benefit commencement**

Mortality Table: Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)
Actuarial Equivalency Factors Effective January 1, 2016

Table 22: Conversion to Monthly Spouse Benefit at Commencement Date (OPSRP only)
(Factor Multiplied by Benefit to Spouse at Later of Death or Early Retirement Age)

	Age of Spouse at Later of Member's Date of Death or Earliest Early Retirement Age										
Spouse Age*	**90**	**91**	**92**	**93**	**94**	**95**	**96**	**97**	**98**	**99**	**100**
15	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
16	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000
17	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000
18	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000
19	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000
21	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000
22	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000
23	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000
24	0.002	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000
25	0.002	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000
26	0.002	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000
27	0.002	0.002	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000
28	0.002	0.002	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000
29	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000
30	0.002	0.002	0.002	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000
31	0.003	0.002	0.002	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000
32	0.003	0.002	0.002	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000
33	0.003	0.002	0.002	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000
34	0.003	0.003	0.002	0.002	0.001	0.001	0.001	0.001	0.000	0.000	0.000
35	0.003	0.003	0.002	0.002	0.001	0.001	0.001	0.001	0.000	0.000	0.000
36	0.004	0.003	0.002	0.002	0.001	0.001	0.001	0.001	0.000	0.000	0.000
37	0.004	0.003	0.002	0.002	0.001	0.001	0.001	0.001	0.000	0.000	0.000
38	0.004	0.003	0.003	0.002	0.002	0.001	0.001	0.001	0.000	0.000	0.000
39	0.004	0.003	0.003	0.002	0.002	0.001	0.001	0.001	0.001	0.000	0.000
40	0.005	0.004	0.003	0.002	0.002	0.001	0.001	0.001	0.001	0.000	0.000
41	0.005	0.004	0.003	0.002	0.002	0.001	0.001	0.001	0.001	0.000	0.000
42	0.005	0.004	0.003	0.003	0.002	0.002	0.001	0.001	0.001	0.000	0.000
43	0.006	0.005	0.004	0.003	0.002	0.002	0.001	0.001	0.001	0.000	0.000
44	0.006	0.005	0.004	0.003	0.002	0.002	0.001	0.001	0.001	0.000	0.000
45	0.006	0.005	0.004	0.003	0.002	0.002	0.001	0.001	0.001	0.001	0.000
46	0.007	0.006	0.004	0.003	0.003	0.002	0.002	0.001	0.001	0.001	0.000
47	0.007	0.006	0.005	0.004	0.003	0.002	0.002	0.001	0.001	0.001	0.000
48	0.008	0.006	0.005	0.004	0.003	0.002	0.002	0.001	0.001	0.001	0.000
49	0.008	0.007	0.005	0.004	0.003	0.002	0.002	0.001	0.001	0.001	0.000

***age of spouse at date of benefit commencement**

Mortality Table: Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)
Actuarial Equivalency Factors Effective January 1, 2016

Table 22: Conversion to Monthly Spouse Benefit at Commencement Date (OPSRP only)
(Factor Multiplied by Benefit to Spouse at Later of Death or Early Retirement Age)

	Age of Spouse at Later of Member's Date of Death or Earliest Early Retirement Age														
Spouse Age*	**15**	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**25**	**26**	**27**	**28**	**29**
50	14.990	13.918	12.921	11.995	11.134	10.333	9.589	8.898	8.255	7.658	7.103	6.587	6.108	5.662	5.248
51	16.312	15.146	14.061	13.053	12.116	11.244	10.435	9.682	8.983	8.333	7.729	7.167	6.646	6.161	5.710
52	17.765	16.494	15.313	14.215	13.194	12.245	11.363	10.544	9.782	9.074	8.416	7.805	7.236	6.708	6.218
53	19.363	17.978	16.690	15.493	14.380	13.346	12.385	11.491	10.661	9.889	9.172	8.506	7.886	7.311	6.776
54	21.124	19.612	18.207	16.901	15.687	14.559	13.510	12.535	11.629	10.787	10.005	9.278	8.602	7.974	7.391
55	23.066	21.416	19.881	18.455	17.129	15.897	14.752	13.687	12.698	11.778	10.924	10.130	9.392	8.706	8.069
56	25.213	23.409	21.732	20.172	18.723	17.376	16.124	14.960	13.879	12.873	11.939	11.071	10.265	9.515	8.819
57	27.590	25.615	23.780	22.073	20.487	19.013	17.643	16.369	15.186	14.086	13.063	12.113	11.231	10.411	9.648
58	30.226	28.063	26.051	24.182	22.444	20.829	19.327	17.932	16.635	15.430	14.310	13.269	12.302	11.404	10.569
59	33.156	30.783	28.576	26.525	24.619	22.847	21.200	19.669	18.246	16.924	15.695	14.554	13.493	12.507	11.591
60	36.419	33.812	31.388	29.135	27.041	25.094	23.285	21.603	20.040	18.588	17.238	15.984	14.819	13.736	12.730
61	40.062	37.193	34.527	32.048	29.744	27.603	25.612	23.762	22.043	20.445	18.960	17.581	16.299	15.107	14.000
62	44.138	40.977	38.039	35.308	32.769	30.410	28.217	26.178	24.284	22.523	20.887	19.367	17.954	16.642	15.422
63	48.711	45.223	41.980	38.965	36.163	33.559	31.138	28.889	26.798	24.855	23.049	21.371	19.812	18.363	17.017
64	53.856	49.999	46.413	43.080	39.982	37.102	34.425	31.938	29.626	27.477	25.481	23.626	21.902	20.300	18.811
65	59.660	55.387	51.414	47.721	44.289	41.098	38.133	35.377	32.816	30.436	28.224	26.168	24.258	22.484	20.835
66	66.228	61.483	57.072	52.973	49.162	45.620	42.328	39.269	36.425	33.783	31.327	29.045	26.925	24.955	23.124
67	73.682	68.403	63.496	58.934	54.694	50.753	47.090	43.686	40.522	37.582	34.850	32.311	29.952	27.760	25.723
68	82.173	76.285	70.812	65.724	60.995	56.599	52.514	48.717	45.188	41.909	38.861	36.030	33.399	30.954	28.682
69	91.880	85.296	79.175	73.486	68.197	63.282	58.714	54.468	50.522	46.855	43.447	40.281	37.339	34.605	32.065
70	103.022	95.638	88.774	82.394	76.464	70.952	65.830	61.068	56.644	52.532	48.711	45.160	41.861	38.795	35.947
71	115.865	107.560	99.840	92.664	85.994	79.794	74.032	68.677	63.700	59.075	54.777	50.783	47.073	43.625	40.421
72	130.736	121.363	112.652	104.554	97.027	90.031	83.528	77.485	71.869	66.650	61.801	57.294	53.107	49.216	45.601
73	148.035	137.422	127.556	118.385	109.862	101.939	94.576	87.733	81.373	75.463	69.971	64.867	60.126	55.720	51.626
74	168.266	156.200	144.985	134.561	124.871	115.865	107.495	99.715	92.486	85.767	79.524	73.723	68.333	63.325	58.672
75	192.054	178.282	165.480	153.580	142.519	132.239	122.685	113.805	105.553	97.884	90.757	84.136	77.983	72.266	66.955
76	220.192	204.400	189.721	176.076	163.394	151.606	140.651	130.469	121.007	112.214	104.043	96.450	89.396	82.841	76.751
77	253.683	235.488	218.574	202.853	188.240	174.658	162.035	150.304	139.402	129.270	119.856	111.108	102.979	95.427	88.411
78	293.822	272.745	253.153	234.943	218.016	202.284	187.663	174.074	161.446	149.710	138.805	128.672	119.257	110.509	102.382
79	342.277	317.722	294.897	273.681	253.962	235.633	218.599	202.768	188.056	174.384	161.680	149.875	138.906	128.715	119.247
80	401.233	372.446	345.687	320.815	297.696	276.209	256.239	237.679	220.432	204.404	189.510	175.671	162.812	150.865	139.765
81	473.581	439.600	408.013	378.653	351.363	326.000	302.427	280.519	260.159	241.240	223.659	207.323	192.145	178.043	164.941
82	563.176	522.762	485.196	450.278	417.823	387.658	359.624	333.569	309.356	286.856	265.948	246.520	228.469	211.698	196.116
83	675.225	626.766	581.722	539.853	500.938	464.769	431.153	399.913	370.880	343.901	318.832	295.537	273.893	253.784	235.101
84	816.836	758.210	703.714	653.061	605.980	562.222	521.553	483.758	448.634	415.995	385.665	357.484	331.299	306.971	284.369

***age of spouse at date of benefit commencement**

Mortality Table: Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)
Actuarial Equivalency Factors Effective January 1, 2016

Table 22: Conversion to Monthly Spouse Benefit at Commencement Date (OPSRP only)
(Factor Multiplied by Benefit to Spouse at Later of Death or Early Retirement Age)

	Age of Spouse at Later of Member's Date of Death or Earliest Early Retirement Age														
Spouse Age*	**30**	**31**	**32**	**33**	**34**	**35**	**36**	**37**	**38**	**39**	**40**	**41**	**42**	**43**	**44**
50	4.864	4.507	4.175	3.866	3.580	3.314	3.067	2.838	2.625	2.427	2.244	2.073	1.915	1.769	1.632
51	5.292	4.903	4.542	4.206	3.895	3.605	3.337	3.087	2.855	2.640	2.440	2.255	2.083	1.924	1.775
52	5.762	5.339	4.945	4.580	4.241	3.925	3.633	3.361	3.108	2.874	2.657	2.455	2.267	2.094	1.932
53	6.279	5.818	5.389	4.991	4.621	4.277	3.958	3.662	3.387	3.131	2.894	2.674	2.470	2.281	2.105
54	6.849	6.345	5.878	5.443	5.039	4.665	4.317	3.993	3.693	3.415	3.156	2.916	2.693	2.487	2.295
55	7.477	6.927	6.417	5.942	5.501	5.092	4.712	4.359	4.031	3.727	3.445	3.183	2.939	2.714	2.504
56	8.172	7.571	7.012	6.494	6.012	5.564	5.149	4.763	4.405	4.072	3.764	3.477	3.211	2.965	2.736
57	8.940	8.283	7.672	7.104	6.577	6.087	5.632	5.210	4.818	4.454	4.117	3.803	3.512	3.242	2.992
58	9.793	9.072	8.403	7.781	7.203	6.667	6.169	5.706	5.277	4.878	4.508	4.165	3.846	3.550	3.276
59	10.740	9.949	9.215	8.533	7.899	7.311	6.764	6.257	5.786	5.349	4.943	4.566	4.216	3.892	3.591
60	11.795	10.926	10.120	9.370	8.674	8.028	7.428	6.870	6.353	5.872	5.427	5.013	4.629	4.273	3.942
61	12.972	12.017	11.129	10.305	9.539	8.828	8.168	7.555	6.985	6.457	5.967	5.512	5.089	4.697	4.334
62	14.289	13.237	12.259	11.350	10.507	9.723	8.996	8.320	7.693	7.111	6.571	6.069	5.604	5.172	4.772
63	15.767	14.605	13.526	12.523	11.592	10.728	9.925	9.179	8.487	7.845	7.248	6.695	6.181	5.705	5.263
64	17.429	16.144	14.951	13.842	12.813	11.857	10.969	10.145	9.380	8.670	8.010	7.398	6.831	6.304	5.815
65	19.303	17.880	16.558	15.330	14.190	13.131	12.147	11.234	10.387	9.600	8.869	8.192	7.563	6.979	6.438
66	21.424	19.844	18.377	17.013	15.748	14.572	13.480	12.467	11.526	10.652	9.841	9.089	8.391	7.743	7.142
67	23.831	22.073	20.440	18.924	17.515	16.207	14.993	13.865	12.818	11.846	10.944	10.107	9.330	8.609	7.941
68	26.572	24.612	22.791	21.099	19.528	18.069	16.715	15.457	14.289	13.206	12.200	11.266	10.400	9.596	8.851
69	29.705	27.513	25.477	23.585	21.829	20.198	18.683	17.277	15.971	14.759	13.634	12.591	11.622	10.723	9.890
70	33.301	30.843	28.560	26.439	24.469	22.640	20.942	19.365	17.901	16.542	15.281	14.110	13.024	12.017	11.082
71	37.445	34.681	32.112	29.727	27.512	25.455	23.544	21.771	20.124	18.596	17.178	15.861	14.640	13.507	12.456
72	42.243	39.123	36.225	33.534	31.034	28.713	26.557	24.556	22.698	20.974	19.373	17.888	16.510	15.232	14.046
73	47.823	44.291	41.009	37.961	35.131	32.502	30.062	27.795	25.692	23.739	21.927	20.245	18.685	17.237	15.894
74	54.349	50.333	46.603	43.138	39.921	36.933	34.158	31.583	29.192	26.972	24.912	23.001	21.227	19.582	18.055
75	62.021	57.437	53.179	49.225	45.552	42.142	38.975	36.035	33.306	30.772	28.421	26.239	24.215	22.337	20.595
76	71.094	65.838	60.956	56.422	52.211	48.301	44.670	41.300	38.170	35.266	32.570	30.069	27.748	25.595	23.598
77	81.892	75.837	70.212	64.988	60.137	55.632	51.448	47.565	43.960	40.613	37.508	34.626	31.952	29.472	27.171
78	94.832	87.818	81.303	75.252	69.633	64.415	59.570	55.072	50.896	47.020	43.423	40.085	36.989	34.116	31.451
79	110.451	102.280	94.691	87.642	81.095	75.016	69.372	64.132	59.268	54.753	50.563	46.674	43.067	39.720	36.616
80	129.453	119.875	110.977	102.714	95.040	87.913	81.297	75.154	69.452	64.159	59.247	54.689	50.460	46.537	42.899
81	152.769	141.463	130.961	121.207	112.149	103.737	95.927	88.677	81.946	75.699	69.901	64.522	59.530	54.900	50.605
82	181.641	168.195	155.706	144.106	133.333	123.330	114.043	105.420	97.416	89.987	83.093	76.695	70.760	65.254	60.147
83	217.746	201.624	186.649	172.740	159.824	147.831	136.695	126.357	116.760	107.853	99.587	91.917	84.800	78.199	72.076
84	263.372	243.868	225.752	208.926	193.300	178.791	165.319	152.813	141.203	130.428	120.428	111.150	102.541	94.555	87.148

***age of spouse at date of benefit commencement**

Mortality Table: Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)
Actuarial Equivalency Factors Effective January 1, 2016

Table 22: Conversion to Monthly Spouse Benefit at Commencement Date (OPSRP only)
(Factor Multiplied by Benefit to Spouse at Later of Death or Early Retirement Age)

	Age of Spouse at Later of Member's Date of Death or Earliest Early Retirement Age														
Spouse Age*	**45**	**46**	**47**	**48**	**49**	**50**	**51**	**52**	**53**	**54**	**55**	**56**	**57**	**58**	**59**
50	1.506	1.389	1.281	1.180	1.087	**1.000**	0.920	0.846	0.777	0.713	0.654	0.600	0.549	0.503	0.459
51	1.638	1.511	1.392	1.283	1.181	1.087	**1.000**	0.919	0.844	0.775	0.711	0.652	0.597	0.546	0.499
52	1.783	1.644	1.515	1.396	1.285	1.183	1.088	**1.000**	0.919	0.843	0.773	0.709	0.649	0.594	0.543
53	1.942	1.791	1.650	1.520	1.400	1.288	1.185	1.089	**1.000**	0.918	0.842	0.771	0.706	0.646	0.590
54	2.117	1.952	1.799	1.657	1.526	1.404	1.291	1.187	1.090	**1.000**	0.917	0.840	0.769	0.704	0.643
55	2.310	2.130	1.963	1.808	1.665	1.532	1.408	1.294	1.188	1.091	**1.000**	0.916	0.839	0.767	0.701
56	2.524	2.327	2.144	1.975	1.818	1.673	1.538	1.413	1.298	1.191	1.092	**1.000**	0.915	0.837	0.765
57	2.760	2.544	2.344	2.159	1.988	1.829	1.681	1.545	1.418	1.301	1.193	1.093	**1.000**	0.914	0.835
58	3.021	2.785	2.567	2.364	2.176	2.001	1.840	1.690	1.552	1.424	1.305	1.195	1.094	**1.000**	0.913
59	3.312	3.053	2.813	2.591	2.384	2.193	2.016	1.852	1.700	1.560	1.430	1.309	1.198	1.095	**1.000**
60	3.636	3.351	3.088	2.843	2.617	2.407	2.212	2.032	1.865	1.711	1.568	1.436	1.314	1.201	1.096
61	3.997	3.684	3.394	3.125	2.876	2.645	2.431	2.233	2.050	1.880	1.723	1.577	1.443	1.319	1.204
62	4.400	4.056	3.736	3.440	3.166	2.911	2.676	2.458	2.255	2.068	1.895	1.735	1.587	1.450	1.324
63	4.853	4.473	4.120	3.793	3.491	3.210	2.950	2.709	2.486	2.280	2.089	1.912	1.749	1.598	1.458
64	5.362	4.942	4.552	4.191	3.856	3.545	3.258	2.992	2.745	2.517	2.306	2.111	1.930	1.763	1.609
65	5.936	5.470	5.038	4.638	4.267	3.924	3.605	3.311	3.038	2.785	2.551	2.335	2.135	1.950	1.779
66	6.585	6.068	5.589	5.144	4.733	4.351	3.998	3.671	3.368	3.087	2.828	2.588	2.366	2.161	1.971
67	7.321	6.746	6.213	5.719	5.261	4.836	4.443	4.079	3.742	3.430	3.142	2.875	2.628	2.400	2.189
68	8.159	7.518	6.923	6.372	5.862	5.389	4.950	4.544	4.169	3.821	3.499	3.201	2.926	2.672	2.437
69	9.117	8.400	7.735	7.119	6.548	6.019	5.529	5.075	4.655	4.266	3.907	3.574	3.266	2.982	2.719
70	10.215	9.412	8.666	7.976	7.336	6.742	6.193	5.684	5.213	4.777	4.374	4.001	3.656	3.338	3.043
71	11.481	10.577	9.739	8.962	8.243	7.576	6.958	6.386	5.856	5.366	4.912	4.493	4.105	3.747	3.416
72	12.946	11.926	10.980	10.104	9.292	8.539	7.842	7.197	6.599	6.046	5.535	5.062	4.624	4.220	3.847
73	14.649	13.494	12.424	11.431	10.512	9.660	8.871	8.140	7.464	6.837	6.258	5.723	5.228	4.770	4.348
74	16.640	15.327	14.111	12.983	11.938	10.969	10.072	9.242	8.473	7.762	7.103	6.495	5.932	5.412	4.932
75	18.980	17.482	16.093	14.806	13.613	12.508	11.484	10.537	9.659	8.847	8.096	7.402	6.760	6.166	5.619
76	21.746	20.028	18.436	16.961	15.593	14.327	13.153	12.067	11.061	10.130	9.269	8.473	7.737	7.057	6.429
77	25.037	23.059	21.224	19.525	17.949	16.490	15.138	13.887	12.728	11.656	10.664	9.747	8.899	8.116	7.393
78	28.980	26.688	24.564	22.595	20.771	19.081	17.516	16.066	14.725	13.483	12.335	11.273	10.291	9.384	8.547
79	33.737	31.068	28.594	26.301	24.176	22.207	20.384	18.696	17.133	15.687	14.349	13.113	11.969	10.913	9.938
80	39.524	36.396	33.495	30.807	28.316	26.009	23.872	21.893	20.062	18.367	16.799	15.349	14.009	12.772	11.629
81	46.623	42.930	39.507	36.335	33.395	30.672	28.150	25.814	23.653	21.653	19.803	18.092	16.511	15.050	13.701
82	55.411	51.020	46.949	43.177	39.682	36.443	33.445	30.668	28.098	25.719	23.520	21.486	19.606	17.869	16.266
83	66.398	61.134	56.254	51.731	47.540	43.658	40.063	36.734	33.653	30.802	28.165	25.727	23.473	21.392	19.470
84	80.280	73.912	68.009	62.538	57.469	52.773	48.424	44.398	40.671	37.222	34.033	31.084	28.358	25.840	23.516

***age of spouse at date of benefit commencement**

Mortality Table: Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 22: Conversion to Monthly Spouse Benefit at Commencement Date (OPSRP only)

(Factor Multiplied by Benefit to Spouse at Later of Death or Early Retirement Age)

	Age of Spouse at Later of Member's Date of Death or Earliest Early Retirement Age														
Spouse Age*	**60**	**61**	**62**	**63**	**64**	**65**	**66**	**67**	**68**	**69**	**70**	**71**	**72**	**73**	**74**
50	0.420	0.383	0.349	0.317	0.289	0.262	0.238	0.215	0.194	0.175	0.158	0.142	0.127	0.114	0.102
51	0.456	0.416	0.379	0.345	0.313	0.284	0.258	0.233	0.211	0.190	0.171	0.154	0.138	0.123	0.110
52	0.495	0.452	0.412	0.375	0.340	0.309	0.280	0.253	0.229	0.206	0.186	0.167	0.149	0.134	0.119
53	0.539	0.491	0.448	0.407	0.370	0.336	0.304	0.275	0.248	0.224	0.202	0.181	0.162	0.145	0.129
54	0.587	0.535	0.487	0.443	0.403	0.365	0.331	0.299	0.270	0.244	0.219	0.197	0.176	0.157	0.140
55	0.640	0.583	0.531	0.483	0.439	0.398	0.360	0.326	0.294	0.265	0.238	0.214	0.191	0.171	0.152
56	0.698	0.636	0.579	0.527	0.478	0.434	0.393	0.355	0.320	0.289	0.259	0.233	0.208	0.186	0.166
57	0.762	0.695	0.632	0.575	0.522	0.473	0.428	0.387	0.349	0.315	0.283	0.254	0.227	0.203	0.180
58	0.833	0.759	0.691	0.628	0.570	0.517	0.468	0.423	0.381	0.343	0.309	0.277	0.248	0.221	0.197
59	0.912	0.831	0.756	0.687	0.624	0.565	0.512	0.462	0.417	0.375	0.337	0.302	0.270	0.241	0.215
60	**1.000**	0.911	0.829	0.753	0.684	0.619	0.560	0.506	0.456	0.411	0.369	0.330	0.295	0.264	0.234
61	1.098	**1.000**	0.910	0.827	0.750	0.679	0.614	0.555	0.500	0.450	0.404	0.362	0.324	0.288	0.256
62	1.207	1.099	**1.000**	0.908	0.824	0.746	0.675	0.609	0.549	0.494	0.443	0.397	0.355	0.316	0.281
63	1.330	1.211	1.101	**1.000**	0.907	0.821	0.743	0.670	0.604	0.543	0.487	0.436	0.390	0.347	0.308
64	1.467	1.336	1.214	1.103	**1.000**	0.905	0.818	0.738	0.665	0.598	0.536	0.480	0.429	0.382	0.339
65	1.622	1.476	1.342	1.219	1.105	**1.000**	0.904	0.815	0.734	0.660	0.592	0.530	0.473	0.421	0.374
66	1.797	1.635	1.486	1.349	1.223	1.107	**1.000**	0.902	0.812	0.730	0.654	0.585	0.522	0.465	0.412
67	1.995	1.815	1.650	1.497	1.357	1.228	1.109	**1.000**	0.900	0.808	0.725	0.648	0.578	0.514	0.456
68	2.220	2.020	1.835	1.666	1.509	1.365	1.233	1.111	**1.000**	0.898	0.805	0.719	0.641	0.571	0.506
69	2.477	2.254	2.047	1.857	1.683	1.522	1.374	1.238	1.114	**1.000**	0.896	0.801	0.714	0.634	0.562
70	2.772	2.521	2.290	2.077	1.881	1.701	1.536	1.384	1.244	1.117	**1.000**	0.893	0.796	0.708	0.627
71	3.111	2.829	2.569	2.330	2.110	1.907	1.721	1.551	1.394	1.251	1.120	**1.000**	0.891	0.791	0.701
72	3.503	3.185	2.892	2.622	2.374	2.145	1.936	1.743	1.567	1.405	1.258	1.123	**1.000**	0.888	0.786
73	3.958	3.598	3.267	2.961	2.680	2.422	2.185	1.967	1.767	1.585	1.418	1.265	1.126	**1.000**	0.885
74	4.489	4.081	3.704	3.357	3.038	2.744	2.475	2.228	2.001	1.794	1.604	1.431	1.274	1.130	**1.000**
75	5.113	4.647	4.217	3.821	3.457	3.123	2.815	2.533	2.275	2.039	1.823	1.626	1.446	1.283	1.134
76	5.850	5.316	4.823	4.370	3.952	3.569	3.217	2.894	2.598	2.328	2.080	1.855	1.649	1.462	1.293
77	6.726	6.110	5.543	5.021	4.541	4.099	3.694	3.322	2.982	2.670	2.386	2.127	1.890	1.675	1.480
78	7.774	7.062	6.405	5.800	5.244	4.733	4.264	3.834	3.440	3.080	2.751	2.451	2.178	1.929	1.704
79	9.038	8.208	7.444	6.740	6.092	5.497	4.951	4.450	3.992	3.573	3.190	2.841	2.524	2.235	1.973
80	10.574	9.602	8.706	7.881	7.122	6.425	5.785	5.199	4.662	4.171	3.723	3.315	2.943	2.605	2.299
81	12.457	11.310	10.252	9.279	8.384	7.561	6.806	6.115	5.482	4.903	4.375	3.893	3.455	3.057	2.697
82	14.787	13.422	12.166	11.008	9.944	8.966	8.069	7.247	6.495	5.807	5.180	4.608	4.088	3.616	3.188
83	17.697	16.062	14.555	13.168	11.893	10.721	9.646	8.661	7.759	6.935	6.184	5.499	4.877	4.311	3.799
84	21.372	19.394	17.572	15.895	14.352	12.935	11.635	10.444	9.354	8.358	7.450	6.622	5.870	5.187	4.569

***age of spouse at date of benefit commencement**

Mortality Table: Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)
Actuarial Equivalency Factors Effective January 1, 2016

Table 22: Conversion to Monthly Spouse Benefit at Commencement Date (OPSRP only)
(Factor Multiplied by Benefit to Spouse at Later of Death or Early Retirement Age)

	Age of Spouse at Later of Member's Date of Death or Earliest Early Retirement Age														
Spouse Age*	**75**	**76**	**77**	**78**	**79**	**80**	**81**	**82**	**83**	**84**	**85**	**86**	**87**	**88**	**89**
50	0.090	0.080	0.071	0.063	0.055	0.048	0.042	0.036	0.031	0.027	0.023	0.019	0.016	0.014	0.011
51	0.098	0.087	0.077	0.068	0.059	0.052	0.045	0.039	0.034	0.029	0.025	0.021	0.018	0.015	0.012
52	0.106	0.094	0.083	0.073	0.064	0.056	0.049	0.042	0.036	0.031	0.027	0.022	0.019	0.016	0.013
53	0.115	0.102	0.090	0.079	0.070	0.061	0.053	0.046	0.039	0.034	0.029	0.024	0.020	0.017	0.014
54	0.125	0.110	0.098	0.086	0.075	0.066	0.057	0.050	0.043	0.036	0.031	0.026	0.022	0.018	0.015
55	0.135	0.120	0.106	0.093	0.082	0.071	0.062	0.054	0.046	0.039	0.033	0.028	0.024	0.020	0.016
56	0.147	0.130	0.115	0.101	0.089	0.077	0.067	0.058	0.050	0.043	0.036	0.031	0.026	0.021	0.017
57	0.160	0.142	0.125	0.110	0.096	0.084	0.073	0.063	0.054	0.046	0.039	0.033	0.028	0.023	0.019
58	0.174	0.154	0.136	0.120	0.105	0.091	0.079	0.068	0.059	0.050	0.043	0.036	0.030	0.025	0.020
59	0.190	0.168	0.148	0.130	0.114	0.099	0.086	0.074	0.064	0.054	0.046	0.039	0.032	0.027	0.022
60	0.208	0.184	0.162	0.142	0.124	0.108	0.094	0.081	0.069	0.059	0.050	0.042	0.035	0.029	0.024
61	0.227	0.201	0.177	0.155	0.136	0.118	0.102	0.088	0.076	0.064	0.055	0.046	0.038	0.031	0.026
62	0.249	0.220	0.194	0.170	0.148	0.129	0.112	0.096	0.083	0.070	0.059	0.050	0.041	0.034	0.028
63	0.273	0.241	0.212	0.186	0.163	0.141	0.122	0.105	0.090	0.077	0.065	0.054	0.045	0.037	0.030
64	0.300	0.265	0.233	0.204	0.178	0.155	0.134	0.115	0.099	0.084	0.071	0.059	0.049	0.041	0.033
65	0.331	0.292	0.257	0.225	0.196	0.170	0.147	0.127	0.108	0.092	0.078	0.065	0.054	0.044	0.036
66	0.365	0.322	0.283	0.248	0.216	0.187	0.162	0.139	0.119	0.101	0.085	0.071	0.059	0.048	0.039
67	0.404	0.356	0.313	0.274	0.238	0.207	0.179	0.153	0.131	0.111	0.094	0.078	0.065	0.053	0.043
68	0.447	0.394	0.346	0.303	0.264	0.229	0.197	0.169	0.144	0.122	0.103	0.086	0.071	0.058	0.047
69	0.497	0.438	0.384	0.336	0.292	0.253	0.219	0.187	0.160	0.135	0.114	0.095	0.079	0.064	0.052
70	0.554	0.488	0.428	0.374	0.325	0.282	0.243	0.208	0.177	0.150	0.126	0.105	0.087	0.071	0.058
71	0.619	0.545	0.478	0.417	0.363	0.314	0.270	0.232	0.197	0.167	0.140	0.117	0.096	0.079	0.064
72	0.694	0.610	0.535	0.467	0.406	0.351	0.302	0.259	0.220	0.186	0.156	0.130	0.107	0.087	0.071
73	0.781	0.687	0.601	0.525	0.456	0.394	0.339	0.290	0.246	0.208	0.174	0.145	0.120	0.098	0.079
74	0.882	0.775	0.678	0.592	0.514	0.444	0.381	0.326	0.277	0.234	0.196	0.163	0.134	0.109	0.088
75	**1.000**	0.878	0.769	0.670	0.581	0.502	0.431	0.368	0.312	0.263	0.220	0.183	0.151	0.123	0.099
76	1.139	**1.000**	0.875	0.762	0.661	0.570	0.489	0.418	0.354	0.298	0.249	0.207	0.170	0.138	0.111
77	1.304	1.144	**1.000**	0.870	0.754	0.651	0.558	0.476	0.403	0.339	0.284	0.235	0.193	0.157	0.126
78	1.500	1.316	1.149	**1.000**	0.866	0.746	0.640	0.545	0.462	0.388	0.324	0.268	0.220	0.179	0.143
79	1.736	1.522	1.329	1.155	**1.000**	0.861	0.738	0.628	0.532	0.447	0.372	0.308	0.252	0.205	0.164
80	2.022	1.771	1.546	1.343	1.162	**1.000**	0.856	0.728	0.616	0.517	0.431	0.356	0.291	0.236	0.189
81	2.370	2.076	1.811	1.573	1.359	1.169	**1.000**	0.850	0.718	0.602	0.501	0.414	0.338	0.274	0.219
82	2.801	2.451	2.137	1.855	1.602	1.377	1.177	**1.000**	0.844	0.707	0.588	0.485	0.396	0.320	0.256
83	3.336	2.919	2.543	2.206	1.904	1.635	1.397	1.186	**1.000**	0.837	0.696	0.573	0.467	0.377	0.301
84	4.010	3.506	3.053	2.647	2.283	1.960	1.673	1.419	1.195	**1.000**	0.830	0.683	0.557	0.449	0.358

***age of spouse at date of benefit commencement**

Mortality Table: Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)
Actuarial Equivalency Factors Effective January 1, 2016

Table 22: Conversion to Monthly Spouse Benefit at Commencement Date (OPSRP only)
(Factor Multiplied by Benefit to Spouse at Later of Death or Early Retirement Age)

	Age of Spouse at Later of Member's Date of Death or Earliest Early Retirement Age										
Spouse Age*	**90**	**91**	**92**	**93**	**94**	**95**	**96**	**97**	**98**	**99**	**100**
50	0.009	0.007	0.006	0.005	0.003	0.003	0.002	0.001	0.001	0.001	0.000
51	0.010	0.008	0.006	0.005	0.004	0.003	0.002	0.002	0.001	0.001	0.001
52	0.010	0.008	0.007	0.005	0.004	0.003	0.002	0.002	0.001	0.001	0.001
53	0.011	0.009	0.007	0.006	0.004	0.003	0.002	0.002	0.001	0.001	0.001
54	0.012	0.010	0.008	0.006	0.005	0.003	0.003	0.002	0.001	0.001	0.001
55	0.013	0.010	0.008	0.006	0.005	0.004	0.003	0.002	0.001	0.001	0.001
56	0.014	0.011	0.009	0.007	0.005	0.004	0.003	0.002	0.001	0.001	0.001
57	0.015	0.012	0.010	0.007	0.006	0.004	0.003	0.002	0.002	0.001	0.001
58	0.016	0.013	0.010	0.008	0.006	0.005	0.003	0.002	0.002	0.001	0.001
59	0.018	0.014	0.011	0.009	0.007	0.005	0.004	0.003	0.002	0.001	0.001
60	0.019	0.015	0.012	0.009	0.007	0.005	0.004	0.003	0.002	0.001	0.001
61	0.021	0.016	0.013	0.010	0.008	0.006	0.004	0.003	0.002	0.001	0.001
62	0.022	0.018	0.014	0.011	0.008	0.006	0.005	0.003	0.002	0.002	0.001
63	0.024	0.019	0.015	0.012	0.009	0.007	0.005	0.004	0.002	0.002	0.001
64	0.027	0.021	0.017	0.013	0.010	0.007	0.005	0.004	0.003	0.002	0.001
65	0.029	0.023	0.018	0.014	0.010	0.008	0.006	0.004	0.003	0.002	0.001
66	0.032	0.025	0.020	0.015	0.011	0.008	0.006	0.004	0.003	0.002	0.001
67	0.035	0.027	0.021	0.016	0.012	0.009	0.007	0.005	0.003	0.002	0.002
68	0.038	0.030	0.023	0.018	0.014	0.010	0.007	0.005	0.004	0.003	0.002
69	0.042	0.033	0.026	0.020	0.015	0.011	0.008	0.006	0.004	0.003	0.002
70	0.046	0.036	0.028	0.022	0.016	0.012	0.009	0.006	0.004	0.003	0.002
71	0.051	0.040	0.031	0.024	0.018	0.013	0.010	0.007	0.005	0.003	0.002
72	0.056	0.044	0.035	0.026	0.020	0.015	0.011	0.008	0.005	0.004	0.002
73	0.063	0.049	0.038	0.029	0.022	0.016	0.012	0.008	0.006	0.004	0.003
74	0.070	0.055	0.043	0.033	0.024	0.018	0.013	0.009	0.006	0.004	0.003
75	0.079	0.062	0.048	0.036	0.027	0.020	0.015	0.010	0.007	0.005	0.003
76	0.088	0.069	0.054	0.041	0.031	0.023	0.016	0.012	0.008	0.006	0.004
77	0.100	0.078	0.061	0.046	0.034	0.025	0.018	0.013	0.009	0.006	0.004
78	0.114	0.089	0.069	0.052	0.039	0.029	0.021	0.015	0.010	0.007	0.005
79	0.130	0.102	0.078	0.059	0.044	0.033	0.023	0.017	0.012	0.008	0.005
80	0.150	0.117	0.090	0.068	0.051	0.037	0.027	0.019	0.013	0.009	0.006
81	0.173	0.135	0.104	0.079	0.059	0.043	0.031	0.022	0.015	0.010	0.007
82	0.202	0.157	0.121	0.091	0.068	0.050	0.036	0.025	0.017	0.012	0.008
83	0.238	0.185	0.142	0.107	0.080	0.058	0.042	0.029	0.020	0.014	0.009
84	0.282	0.219	0.168	0.127	0.094	0.069	0.049	0.035	0.024	0.016	0.011

***age of spouse at date of benefit commencement**

Mortality Table: Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)
Actuarial Equivalency Factors Effective January 1, 2016

Table 22: Conversion to Monthly Spouse Benefit at Commencement Date (OPSRP only)
(Factor Multiplied by Benefit to Spouse at Later of Death or Early Retirement Age)

	Age of Spouse at Later of Member's Date of Death or Earliest Early Retirement Age														
Spouse Age*	**15**	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**25**	**26**	**27**	**28**	**29**
85	997.846	926.222	859.645	797.762	740.244	686.785	637.101	590.927	548.017	508.142	471.090	436.661	404.672	374.951	347.339
86	1232.051	1143.609	1061.400	984.986	913.963	847.952	786.603	729.588	676.603	627.366	581.614	539.102	499.602	462.904	428.810
87	1539.138	1428.644	1325.937	1230.471	1141.739	1059.270	982.624	911.393	845.198	783.686	726.527	673.416	624.069	578.221	535.627
88	1947.597	1807.771	1677.798	1556.989	1444.702	1340.341	1243.349	1153.210	1069.443	991.602	919.270	852.061	789.615	731.598	677.698
89	2499.145	2319.709	2152.919	1997.888	1853.794	1719.870	1595.403	1479.731	1372.236	1272.345	1179.525	1093.279	1013.146	938.695	869.528
90	3255.566	3021.806	2804.520	2602.554	2414.836	2240.368	2078.220	1927.529	1787.492	1657.361	1536.442	1424.086	1319.694	1222.706	1132.601
91	4309.578	4000.120	3712.471	3445.103	3196.597	2965.632	2750.977	2551.490	2366.106	2193.837	2033.762	1885.025	1746.830	1618.436	1499.154
92	5801.751	5385.123	4997.857	4637.898	4303.332	3992.381	3703.390	3434.819	3185.237	2953.311	2737.802	2537.558	2351.507	2178.651	2018.064
93	7948.820	7377.983	6847.376	6354.183	5895.784	5469.741	5073.786	4705.810	4363.851	4046.084	3750.810	3476.452	3221.540	2984.708	2764.686
94	11090.855	10294.342	9553.965	8865.793	8226.171	7631.698	7079.208	6565.758	6088.612	5645.222	5233.219	4850.399	4494.714	4164.257	3857.256
95	15769.036	14636.507	13583.796	12605.314	11695.864	10850.608	10065.049	9335.000	8656.569	8026.135	7440.330	6896.021	6390.292	5920.435	5483.929
96	22859.713	21217.877	19691.755	18273.245	16954.810	15729.441	14590.614	13532.262	12548.741	11634.803	10785.563	9996.480	9263.330	8582.182	7949.384
97	33789.499	31362.588	29106.722	27009.927	25061.062	23249.764	21566.391	20001.975	18548.173	17197.226	15941.915	14775.527	13691.816	12684.974	11749.603
98	50866.193	47212.662	43816.628	40660.065	37726.202	34999.436	32465.252	30110.150	27921.571	25887.833	23998.069	22242.172	20610.739	19095.029	17686.913
99	77893.639	72298.697	67098.085	62264.195	57771.344	53595.640	49714.855	46108.313	42756.782	39642.372	36748.442	34059.514	31561.190	29240.081	27083.740
100	121328.943	112613.961	104513.211	96983.690	89985.393	83481.103	77436.197	71818.469	66597.961	61746.807	57239.087	53050.690	49159.189	45543.730	42184.922

***age of spouse at date of benefit commencement**

Mortality Table: Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)
Actuarial Equivalency Factors Effective January 1, 2016

Table 22: Conversion to Monthly Spouse Benefit at Commencement Date (OPSRP only)
(Factor Multiplied by Benefit to Spouse at Later of Death or Early Retirement Age)

	Age of Spouse at Later of Member's Date of Death or Earliest Early Retirement Age														
Spouse Age*	**30**	**31**	**32**	**33**	**34**	**35**	**36**	**37**	**38**	**39**	**40**	**41**	**42**	**43**	**44**
85	321.688	297.861	275.729	255.174	236.085	218.360	201.903	186.625	172.443	159.279	147.064	135.729	125.213	115.457	106.409
86	397.137	367.716	340.389	315.008	291.439	269.553	249.232	230.368	212.857	196.604	181.521	167.526	154.541	142.497	131.325
87	496.058	459.303	425.163	393.455	364.010	336.668	311.283	287.716	265.840	245.536	226.694	209.210	192.990	177.943	163.988
88	627.626	581.115	537.913	497.790	460.529	425.931	393.808	363.986	336.304	310.612	286.770	264.646	244.121	225.082	207.424
89	805.274	745.589	690.151	638.664	590.850	546.452	505.231	466.964	431.443	398.474	367.880	339.491	313.154	288.723	266.065
90	1048.896	971.143	898.923	831.851	769.564	711.727	658.029	608.178	561.905	518.958	479.103	442.123	407.814	375.990	346.474
91	1388.346	1285.417	1189.813	1101.023	1018.568	942.005	870.921	804.930	743.675	686.824	634.066	585.113	539.697	497.569	458.498
92	1868.885	1730.313	1601.604	1482.067	1371.061	1267.987	1172.288	1083.447	1000.983	924.447	853.421	787.518	726.378	669.665	617.066
93	2560.294	2370.435	2194.091	2030.314	1878.225	1737.003	1605.887	1484.168	1371.185	1266.324	1169.014	1078.723	994.957	917.256	845.193
94	3572.065	3307.152	3061.096	2832.577	2620.366	2423.319	2240.373	2070.539	1912.894	1766.583	1630.808	1504.827	1387.950	1279.537	1178.990
95	5078.433	4701.771	4351.921	4027.006	3725.278	3445.113	3184.997	2943.523	2719.382	2511.356	2318.310	2139.190	1973.015	1818.873	1675.917
96	7361.542	6815.500	6308.329	5837.307	5399.899	4993.750	4616.667	4266.610	3941.681	3640.113	3360.262	3100.599	2859.704	2636.253	2429.018
97	10880.684	10073.553	9323.881	8627.641	7981.090	7380.746	6823.366	6305.935	5825.647	5379.890	4966.236	4582.424	4226.352	3896.067	3589.750
98	16378.835	15163.776	14035.216	12987.095	12013.778	11110.020	10270.943	9492.006	8768.985	8097.948	7475.239	6897.455	6361.432	5864.229	5403.109
99	25080.596	23219.899	21491.666	19886.617	18396.120	17012.145	15727.221	14534.395	13427.197	12399.608	11446.026	10561.241	9740.409	8979.023	8272.896
100	39064.743	36166.448	33474.486	30974.402	28652.751	26497.026	24495.588	22637.606	20913.004	19312.405	17827.083	16448.924	15170.380	13984.434	12884.561

***age of spouse at date of benefit commencement**

Mortality Table: Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)
Actuarial Equivalency Factors Effective January 1, 2016

Table 22: Conversion to Monthly Spouse Benefit at Commencement Date (OPSRP only)
(Factor Multiplied by Benefit to Spouse at Later of Death or Early Retirement Age)

	Age of Spouse at Later of Member's Date of Death or Earliest Early Retirement Age														
Spouse Age*	**45**	**46**	**47**	**48**	**49**	**50**	**51**	**52**	**53**	**54**	**55**	**56**	**57**	**58**	**59**
85	98.019	90.240	83.029	76.347	70.155	64.419	59.107	54.189	49.636	45.424	41.528	37.926	34.597	31.522	28.684
86	120.966	111.362	102.459	94.208	86.563	79.482	72.924	66.852	61.232	56.032	51.222	46.775	42.666	38.870	35.365
87	151.047	139.049	127.928	117.621	108.072	99.226	91.034	83.449	76.429	69.933	63.926	58.372	53.238	48.497	44.120
88	191.049	175.868	161.796	148.755	136.672	125.479	115.113	105.517	96.634	88.416	80.815	73.788	67.294	61.295	55.758
89	245.054	225.574	207.517	190.784	175.280	160.918	147.618	135.305	123.908	113.364	103.612	94.595	86.263	78.567	71.462
90	319.104	293.729	270.208	248.410	228.215	209.507	192.183	176.144	161.299	147.565	134.862	123.118	112.266	102.242	92.988
91	422.268	388.678	357.543	328.690	301.957	277.195	254.263	233.033	213.384	195.204	178.391	162.846	148.481	135.214	122.967
92	568.292	523.074	481.160	442.318	406.331	372.996	342.126	313.547	287.096	262.624	239.991	219.067	199.730	181.871	165.386
93	778.371	716.420	658.997	605.783	556.479	510.810	468.519	429.365	393.129	359.603	328.597	299.931	273.442	248.976	226.393
94	1085.756	999.319	919.199	844.953	776.163	712.445	653.439	598.812	548.254	501.480	458.221	418.227	381.270	347.138	315.631
95	1543.358	1420.464	1306.553	1200.991	1103.189	1012.598	928.707	851.042	779.163	712.663	651.161	594.303	541.761	493.236	448.444
96	2236.856	2058.705	1893.576	1740.552	1598.777	1467.455	1345.846	1233.263	1129.069	1032.672	943.520	861.101	784.940	714.600	649.673
97	3305.715	3042.389	2798.313	2572.130	2362.574	2168.470	1988.723	1822.318	1668.312	1525.833	1394.063	1272.244	1159.676	1055.713	959.750
98	4975.531	4579.130	4211.709	3871.222	3555.767	3263.574	2992.995	2742.499	2510.671	2296.194	2097.839	1914.465	1745.017	1588.521	1444.071
99	7618.133	7011.115	6448.474	5927.081	5444.021	4996.583	4582.245	4198.661	3843.664	3515.238	3211.502	2930.706	2671.235	2431.601	2210.412
100	11864.696	10919.199	10042.829	9230.707	8478.295	7781.369	7136.001	6538.537	5985.601	5474.054	5000.963	4563.606	4159.467	3786.224	3441.713

***age of spouse at date of benefit commencement**

Mortality Table: Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)
Actuarial Equivalency Factors Effective January 1, 2016

Table 22: Conversion to Monthly Spouse Benefit at Commencement Date (OPSRP only)
(Factor Multiplied by Benefit to Spouse at Later of Death or Early Retirement Age)

	Age of Spouse at Later of Member's Date of Death or Earliest Early Retirement Age														
Spouse Age*	**60**	**61**	**62**	**63**	**64**	**65**	**66**	**67**	**68**	**69**	**70**	**71**	**72**	**73**	**74**
85	26.065	23.650	21.425	19.376	17.493	15.762	14.175	12.720	11.389	10.173	9.064	8.054	7.137	6.304	5.550
86	32.132	29.151	26.405	23.876	21.551	19.416	17.456	15.661	14.018	12.518	11.149	9.903	8.771	7.744	6.814
87	40.082	36.359	32.929	29.771	26.867	24.200	21.753	19.511	17.460	15.586	13.878	12.322	10.909	9.627	8.467
88	50.649	45.939	41.599	37.605	33.931	30.557	27.462	24.626	22.032	19.662	17.501	15.533	13.746	12.125	10.659
89	64.908	58.865	53.298	48.174	43.461	39.133	35.162	31.525	28.197	25.157	22.385	19.862	17.569	15.491	13.611
90	84.452	76.581	69.331	62.657	56.520	50.883	45.712	40.974	36.641	32.683	29.073	25.787	22.802	20.096	17.649
91	111.668	101.252	91.655	82.822	74.700	67.240	60.397	54.128	48.393	43.155	38.379	34.031	30.081	26.501	23.263
92	150.177	136.156	123.239	111.350	100.418	90.378	81.167	72.730	65.012	57.962	51.535	45.684	40.369	35.551	31.194
93	205.559	186.352	168.658	152.372	137.397	123.643	111.027	99.470	88.899	79.244	70.440	62.427	55.148	48.550	42.584
94	286.565	259.770	235.085	212.365	191.475	172.289	154.689	138.567	123.821	110.353	98.073	86.896	76.743	67.541	59.220
95	407.123	369.029	333.937	301.639	271.941	244.667	219.649	196.731	175.769	156.625	139.170	123.283	108.852	95.773	83.947
96	589.778	534.561	483.695	436.880	393.835	354.302	318.041	284.824	254.442	226.696	201.398	178.373	157.460	138.505	121.367
97	871.226	789.616	714.439	645.247	581.630	523.204	469.613	420.523	375.622	334.618	297.232	263.206	232.301	204.292	178.967
98	1310.818	1187.975	1074.815	970.665	874.907	786.964	706.299	632.410	564.828	503.111	446.842	395.630	349.116	306.962	268.848
99	2006.369	1818.267	1644.994	1485.520	1338.894	1204.237	1080.726	967.590	864.113	769.617	683.463	605.055	533.839	469.299	410.948
100	3123.909	2830.937	2561.060	2312.678	2084.310	1874.584	1682.218	1506.014	1344.854	1197.684	1063.506	941.394	830.485	729.974	639.103

***age of spouse at date of benefit commencement**

Mortality Table: Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)
Actuarial Equivalency Factors Effective January 1, 2016

Table 22: Conversion to Monthly Spouse Benefit at Commencement Date (OPSRP only)
(Factor Multiplied by Benefit to Spouse at Later of Death or Early Retirement Age)

	Age of Spouse at Later of Member's Date of Death or Earliest Early Retirement Age														
Spouse Age*	**75**	**76**	**77**	**78**	**79**	**80**	**81**	**82**	**83**	**84**	**85**	**86**	**87**	**88**	**89**
85	4.868	4.254	3.702	3.208	2.765	2.372	2.023	1.714	1.443	1.206	**1.000**	0.822	0.669	0.539	0.429
86	5.975	5.218	4.538	3.929	3.386	2.902	2.473	2.094	1.761	1.470	1.218	**1.000**	0.813	0.654	0.521
87	7.420	6.477	5.630	4.871	4.194	3.592	3.058	2.588	2.175	1.814	1.501	1.231	**1.000**	0.804	0.639
88	9.336	8.145	7.075	6.118	5.264	4.505	3.832	3.240	2.720	2.267	1.874	1.535	1.246	**1.000**	0.794
89	11.915	10.389	9.019	7.794	6.701	5.730	4.871	4.114	3.451	2.873	2.372	1.942	1.574	1.262	**1.000**
90	15.441	13.456	11.674	10.081	8.662	7.401	6.287	5.306	4.446	3.698	3.050	2.493	2.018	1.616	1.279
91	20.343	17.716	15.361	13.256	11.381	9.718	8.247	6.954	5.822	4.837	3.985	3.254	2.631	2.104	1.664
92	27.265	23.731	20.564	17.734	15.214	12.980	11.007	9.272	7.755	6.437	5.298	4.321	3.489	2.787	2.200
93	37.203	32.364	28.027	24.153	20.706	17.651	14.955	12.587	10.517	8.720	7.169	5.840	4.710	3.758	2.963
94	51.715	44.967	38.919	33.517	28.713	24.457	20.703	17.408	14.532	12.035	9.883	8.042	6.478	5.161	4.064
95	73.281	63.691	55.096	47.421	40.593	34.548	29.220	24.546	20.470	16.935	13.891	11.289	9.082	7.226	5.682
96	105.912	92.015	79.561	68.439	58.548	49.790	42.073	35.310	29.416	24.310	19.917	16.166	12.988	10.321	8.104
97	156.130	135.597	117.195	100.764	86.150	73.211	61.813	51.827	43.130	35.604	29.136	23.618	18.951	15.038	11.792
98	234.480	203.580	175.888	151.162	129.172	109.704	92.554	77.530	64.453	53.146	43.438	35.168	28.180	22.331	17.485
99	358.332	311.026	268.634	230.782	197.121	167.321	141.071	118.078	98.063	80.768	65.934	53.312	42.661	33.759	26.395
100	557.164	483.497	417.483	358.542	306.128	259.728	218.857	183.057	151.899	124.975	101.896	82.281	65.753	51.957	40.563

***age of spouse at date of benefit commencement**

Mortality Table: Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)

Actuarial Equivalency Factors Effective January 1, 2016

Table 22: Conversion to Monthly Spouse Benefit at Commencement Date (OPSRP only)

(Factor Multiplied by Benefit to Spouse at Later of Death or Early Retirement Age)

	Age of Spouse at Later of Member's Date of Death or Earliest Early Retirement Age										
Spouse Age*	**90**	**91**	**92**	**93**	**94**	**95**	**96**	**97**	**98**	**99**	**100**
85	0.338	0.262	0.201	0.151	0.112	0.082	0.058	0.041	0.028	0.019	0.013
86	0.409	0.317	0.242	0.182	0.135	0.098	0.070	0.049	0.034	0.023	0.015
87	0.501	0.388	0.296	0.222	0.165	0.120	0.086	0.060	0.041	0.028	0.019
88	0.622	0.481	0.366	0.275	0.203	0.148	0.105	0.074	0.051	0.034	0.023
89	0.783	0.604	0.460	0.345	0.254	0.185	0.132	0.092	0.063	0.043	0.029
90	**1.000**	0.771	0.586	0.439	0.323	0.234	0.167	0.117	0.080	0.054	0.036
91	1.299	**1.000**	0.759	0.568	0.418	0.302	0.215	0.150	0.103	0.070	0.046
92	1.715	1.319	**1.000**	0.747	0.549	0.397	0.282	0.197	0.135	0.091	0.061
93	2.306	1.771	1.341	**1.000**	0.734	0.530	0.376	0.262	0.180	0.121	0.080
94	3.159	2.423	1.832	1.364	**1.000**	0.721	0.511	0.356	0.244	0.164	0.109
95	4.411	3.378	2.550	1.897	1.389	**1.000**	0.708	0.492	0.337	0.227	0.150
96	6.283	4.805	3.622	2.690	1.967	1.415	**1.000**	0.695	0.475	0.319	0.211
97	9.128	6.971	5.248	3.892	2.842	2.041	1.441	**1.000**	0.682	0.459	0.303
98	13.516	10.307	7.748	5.738	4.184	3.001	2.116	1.467	**1.000**	0.671	0.443
99	20.373	15.512	11.644	8.611	6.270	4.492	3.164	2.190	1.491	**1.000**	0.660
100	31.263	23.768	17.815	13.155	9.565	6.843	4.814	3.329	2.264	1.517	**1.000**

***age of spouse at date of benefit commencement**

Mortality Table: Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)
Actuarial Equivalency Factors Effective January 1, 2016

Table 23: Present Value of Member's Immediate Benefit - Healthy Members (OPSRP only)
(Factor Multiplied by Member's Monthly Retirement Benefit at or after Early Retirement Age)

	Months of Member's Attained Age at Retirement											
Age	**0**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**
50	190.62612	190.46417	190.30221	190.14026	189.97830	189.81635	189.65439	189.49244	189.33048	189.16853	189.00657	188.84462
51	188.68266	188.51292	188.34319	188.17345	188.00371	187.83398	187.66424	187.49450	187.32477	187.15503	186.98529	186.81556
52	186.64582	186.46876	186.29171	186.11465	185.93759	185.76054	185.58348	185.40642	185.22937	185.05231	184.87525	184.69820
53	184.52114	184.33612	184.15110	183.96608	183.78106	183.59604	183.41102	183.22600	183.04098	182.85596	182.67094	182.48592
54	182.30090	182.10727	181.91365	181.72002	181.52640	181.33277	181.13915	180.94552	180.75189	180.55827	180.36464	180.17102
55	179.97739	179.77505	179.57271	179.37037	179.16803	178.96569	178.76335	178.56101	178.35867	178.15633	177.95399	177.75165
56	177.54931	177.33863	177.12796	176.91728	176.70660	176.49592	176.28525	176.07457	175.86389	175.65321	175.44254	175.23186
57	175.02118	174.80262	174.58406	174.36550	174.14694	173.92838	173.70982	173.49125	173.27269	173.05413	172.83557	172.61701
58	172.39845	172.17109	171.94373	171.71637	171.48901	171.26165	171.03429	170.80692	170.57956	170.35220	170.12484	169.89748
59	169.67012	169.43352	169.19693	168.96033	168.72374	168.48714	168.25055	168.01395	167.77735	167.54076	167.30416	167.06757
60	166.83097	166.58521	166.33946	166.09370	165.84794	165.60219	165.35643	165.11067	164.86492	164.61916	164.37340	164.12765
61	163.88189	163.62748	163.37307	163.11866	162.86424	162.60983	162.35542	162.10101	161.84660	161.59219	161.33777	161.08336
62	160.82895	160.56629	160.30362	160.04096	159.77830	159.51563	159.25297	158.99031	158.72764	158.46498	158.20232	157.93965
63	157.67699	157.40726	157.13754	156.86781	156.59809	156.32836	156.05864	155.78891	155.51918	155.24946	154.97973	154.71001
64	154.44028	154.16372	153.88717	153.61061	153.33405	153.05749	152.78094	152.50438	152.22782	151.95126	151.67471	151.39815
65	151.12159	150.83853	150.55547	150.27242	149.98936	149.70630	149.42324	149.14018	148.85712	148.57407	148.29101	148.00795
66	147.72489	147.43541	147.14593	146.85645	146.56696	146.27748	145.98800	145.69852	145.40904	145.11956	144.83007	144.54059
67	144.25111	143.95524	143.65936	143.36349	143.06761	142.77174	142.47587	142.17999	141.88412	141.58824	141.29237	140.99649
68	140.70062	140.39786	140.09509	139.79233	139.48957	139.18680	138.88404	138.58128	138.27851	137.97575	137.67299	137.37022
69	137.06746	136.75719	136.44691	136.13664	135.82637	135.51609	135.20582	134.89555	134.58527	134.27500	133.96473	133.65445
70	133.34418	133.02774	132.71130	132.39486	132.07841	131.76197	131.44553	131.12909	130.81265	130.49621	130.17976	129.86332
71	129.54688	129.22510	128.90332	128.58154	128.25976	127.93798	127.61620	127.29441	126.97263	126.65085	126.32907	126.00729
72	125.68551	125.35909	125.03266	124.70624	124.37982	124.05339	123.72697	123.40055	123.07412	122.74770	122.42128	122.09485
73	121.76843	121.43732	121.10620	120.77509	120.44398	120.11286	119.78175	119.45064	119.11952	118.78841	118.45730	118.12618
74	117.79507	117.46004	117.12502	116.78999	116.45496	116.11993	115.78491	115.44988	115.11485	114.77982	114.44480	114.10977
75	113.77474	113.43649	113.09825	112.76000	112.42176	112.08351	111.74527	111.40702	111.06877	110.73053	110.39228	110.05404
76	109.71579	109.37494	109.03410	108.69325	108.35241	108.01156	107.67072	107.32987	106.98902	106.64818	106.30733	105.96649
77	105.62564	105.28278	104.93992	104.59706	104.25420	103.91134	103.56848	103.22562	102.88276	102.53990	102.19704	101.85418
78	101.51132	101.16694	100.82255	100.47817	100.13378	99.78940	99.44502	99.10063	98.75625	98.41186	98.06748	97.72309
79	97.37871	97.03348	96.68824	96.34301	95.99777	95.65254	95.30730	94.96207	94.61683	94.27160	93.92636	93.58113

Mortality Table: Blended Healthy Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)
Actuarial Equivalency Factors Effective January 1, 2016

Table 23: Present Value of Member's Immediate Benefit - Healthy Members (OPSRP only)
(Factor Multiplied by Member's Monthly Retirement Benefit at or after Early Retirement Age)

	Months of Member's Attained Age at Retirement											
Age	**0**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**
80	93.23589	92.89068	92.54546	92.20025	91.85503	91.50982	91.16460	90.81939	90.47417	90.12896	89.78374	89.43853
81	89.09331	88.74890	88.40448	88.06007	87.71566	87.37124	87.02683	86.68242	86.33800	85.99359	85.64918	85.30476
82	84.96035	84.61857	84.27678	83.93500	83.59321	83.25143	82.90965	82.56786	82.22608	81.88429	81.54251	81.20072
83	80.85894	80.52105	80.18315	79.84526	79.50736	79.16947	78.83157	78.49368	78.15578	77.81789	77.47999	77.14210
84	76.80420	76.47121	76.13822	75.80523	75.47224	75.13925	74.80626	74.47326	74.14027	73.80728	73.47429	73.14130
85	72.80831	72.48097	72.15364	71.82630	71.49896	71.17163	70.84429	70.51695	70.18962	69.86228	69.53494	69.20761
86	68.88027	68.55949	68.23872	67.91794	67.59716	67.27639	66.95561	66.63483	66.31406	65.99328	65.67250	65.35173
87	65.03095	64.71778	64.40462	64.09145	63.77829	63.46512	63.15196	62.83879	62.52562	62.21246	61.89929	61.58613
88	61.27296	60.97150	60.67003	60.36857	60.06710	59.76564	59.46418	59.16271	58.86125	58.55978	58.25832	57.95685
89	57.65539	57.36756	57.07974	56.79191	56.50408	56.21626	55.92843	55.64060	55.35278	55.06495	54.77712	54.48930
90	54.20147	53.93122	53.66096	53.39071	53.12045	52.85020	52.57995	52.30969	52.03944	51.76918	51.49893	51.22867
91	50.95842	50.70680	50.45518	50.20355	49.95193	49.70031	49.44869	49.19706	48.94544	48.69382	48.44220	48.19057
92	47.93895	47.70639	47.47384	47.24128	47.00872	46.77617	46.54361	46.31105	46.07850	45.84594	45.61338	45.38083
93	45.14827	44.93423	44.72020	44.50616	44.29212	44.07809	43.86405	43.65001	43.43598	43.22194	43.00790	42.79387
94	42.57983	42.38369	42.18755	41.99141	41.79527	41.59913	41.40299	41.20685	41.01071	40.81457	40.61843	40.42229
95	40.22615	40.04632	39.86649	39.68666	39.50683	39.32700	39.14717	38.96734	38.78751	38.60768	38.42785	38.24802
96	38.06819	37.91141	37.75462	37.59784	37.44105	37.28427	37.12748	36.97070	36.81391	36.65713	36.50034	36.34356
97	36.18677	36.05348	35.92019	35.78689	35.65360	35.52031	35.38702	35.25372	35.12043	34.98714	34.85385	34.72055
98	34.58726	34.46767	34.34809	34.22850	34.10891	33.98932	33.86974	33.75015	33.63056	33.51097	33.39139	33.27180
99	33.15221	33.04262	32.93302	32.82343	32.71383	32.60424	32.49464	32.38505	32.27545	32.16586	32.05626	31.94667
100	31.83707											

Mortality Table: Blended Healthy Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)
Actuarial Equivalency Factors Effective January 1, 2016

Table 24: Present Value of Alternate Payee Immediate Benefit (OPSRP only)
(Factor Multiplied by Alternate Payee Monthly Benefit at Alternate Payee's Commencement Date)

	Months of Alternate Payee's Attained Age at Date Benefit Payments Begin											
Age	**0**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**
15	222.29111	222.26268	222.23425	222.20583	222.17740	222.14897	222.12054	222.09211	222.06368	222.03526	222.00683	221.97840
16	221.94997	221.92012	221.89028	221.86043	221.83059	221.80074	221.77090	221.74105	221.71120	221.68136	221.65151	221.62167
17	221.59182	221.56040	221.52898	221.49755	221.46613	221.43471	221.40329	221.37186	221.34044	221.30902	221.27760	221.24617
18	221.21475	221.18162	221.14848	221.11535	221.08222	221.04908	221.01595	220.98282	220.94968	220.91655	220.88342	220.85028
19	220.81715	220.78230	220.74744	220.71259	220.67773	220.64288	220.60802	220.57317	220.53831	220.50346	220.46860	220.43375
20	220.39889	220.36203	220.32516	220.28830	220.25143	220.21457	220.17770	220.14084	220.10397	220.06711	220.03024	219.99338
21	219.95651	219.91747	219.87844	219.83940	219.80036	219.76132	219.72229	219.68325	219.64421	219.60517	219.56614	219.52710
22	219.48806	219.44682	219.40558	219.36433	219.32309	219.28185	219.24061	219.19936	219.15812	219.11688	219.07564	219.03439
23	218.99315	218.94960	218.90605	218.86250	218.81895	218.77540	218.73185	218.68830	218.64475	218.60120	218.55765	218.51410
24	218.47055	218.42451	218.37847	218.33243	218.28638	218.24034	218.19430	218.14826	218.10222	218.05618	218.01013	217.96409
25	217.91805	217.86939	217.82074	217.77208	217.72342	217.67476	217.62611	217.57745	217.52879	217.48013	217.43148	217.38282
26	217.33416	217.28268	217.23121	217.17973	217.12826	217.07678	217.02531	216.97383	216.92235	216.87088	216.81940	216.76793
27	216.71645	216.66195	216.60745	216.55295	216.49845	216.44395	216.38945	216.33495	216.28045	216.22595	216.17145	216.11695
28	216.06245	216.00493	215.94740	215.88988	215.83235	215.77483	215.71731	215.65978	215.60226	215.54473	215.48721	215.42968
29	215.37216	215.31140	215.25064	215.18987	215.12911	215.06835	215.00759	214.94682	214.88606	214.82530	214.76454	214.70377
30	214.64301	214.57915	214.51528	214.45142	214.38755	214.32369	214.25982	214.19596	214.13209	214.06823	214.00436	213.94050
31	213.87663	213.80962	213.74262	213.67561	213.60861	213.54160	213.47460	213.40759	213.34058	213.27358	213.20657	213.13957
32	213.07256	213.00231	212.93207	212.86182	212.79157	212.72132	212.65108	212.58083	212.51058	212.44033	212.37009	212.29984
33	212.22959	212.15593	212.08228	212.00862	211.93496	211.86131	211.78765	211.71399	211.64034	211.56668	211.49302	211.41937
34	211.34571	211.26850	211.19130	211.11409	211.03688	210.95967	210.88247	210.80526	210.72805	210.65084	210.57364	210.49643
35	210.41922	210.33822	210.25721	210.17621	210.09520	210.01420	209.93319	209.85219	209.77118	209.69018	209.60917	209.52817
36	209.44716	209.36224	209.27732	209.19240	209.10747	209.02255	208.93763	208.85271	208.76779	208.68287	208.59794	208.51302
37	208.42810	208.33889	208.24968	208.16047	208.07126	207.98205	207.89284	207.80362	207.71441	207.62520	207.53599	207.44678
38	207.35757	207.26390	207.17023	207.07656	206.98289	206.88922	206.79555	206.70187	206.60820	206.51453	206.42086	206.32719
39	206.23352	206.13516	206.03680	205.93843	205.84007	205.74171	205.64335	205.54498	205.44662	205.34826	205.24990	205.15153
40	205.05317	204.94982	204.84647	204.74312	204.63977	204.53642	204.43307	204.32971	204.22636	204.12301	204.01966	203.91631
41	203.81296	203.70446	203.59596	203.48746	203.37896	203.27046	203.16196	203.05345	202.94495	202.83645	202.72795	202.61945
42	202.51095	202.39704	202.28314	202.16923	202.05532	201.94141	201.82751	201.71360	201.59969	201.48578	201.37188	201.25797
43	201.14406	201.02460	200.90514	200.78568	200.66622	200.54676	200.42730	200.30784	200.18838	200.06892	199.94946	199.83000
44	199.71054	199.58528	199.46002	199.33476	199.20950	199.08424	198.95898	198.83371	198.70845	198.58319	198.45793	198.33267

Mortality Table: Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)
Actuarial Equivalency Factors Effective January 1, 2016

Table 24: Present Value of Alternate Payee Immediate Benefit (OPSRP only)
(Factor Multiplied by Alternate Payee Monthly Benefit at Alternate Payee's Commencement Date)

	Months of Alternate Payee's Attained Age at Date Benefit Payments Begin											
Age	**0**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**
45	198.20741	198.07618	197.94494	197.81371	197.68247	197.55124	197.42001	197.28877	197.15754	197.02630	196.89507	196.76383
46	196.63260	196.49512	196.35764	196.22015	196.08267	195.94519	195.80771	195.67022	195.53274	195.39526	195.25778	195.12029
47	194.98281	194.83875	194.69469	194.55063	194.40657	194.26251	194.11846	193.97440	193.83034	193.68628	193.54222	193.39816
48	193.25410	193.10307	192.95204	192.80101	192.64998	192.49895	192.34792	192.19689	192.04586	191.89483	191.74380	191.59277
49	191.44174	191.28343	191.12511	190.96680	190.80848	190.65017	190.49186	190.33354	190.17523	190.01691	189.85860	189.70028
50	189.54197	189.37595	189.20993	189.04390	188.87788	188.71186	188.54584	188.37981	188.21379	188.04777	187.88175	187.71572
51	187.54970	187.37573	187.20176	187.02780	186.85383	186.67986	186.50589	186.33192	186.15795	185.98399	185.81002	185.63605
52	185.46208	185.28115	185.10022	184.91929	184.73836	184.55743	184.37651	184.19558	184.01465	183.83372	183.65279	183.47186
53	183.29093	183.10162	182.91232	182.72301	182.53370	182.34440	182.15509	181.96578	181.77648	181.58717	181.39786	181.20856
54	181.01925	180.82113	180.62300	180.42488	180.22676	180.02863	179.83051	179.63239	179.43426	179.23614	179.03802	178.83989
55	178.64177	178.43477	178.22777	178.02078	177.81378	177.60678	177.39978	177.19278	176.98578	176.77879	176.57179	176.36479
56	176.15779	175.94283	175.72787	175.51291	175.29794	175.08298	174.86802	174.65306	174.43810	174.22314	174.00817	173.79321
57	173.57825	173.35567	173.13309	172.91051	172.68792	172.46534	172.24276	172.02018	171.79760	171.57502	171.35243	171.12985
58	170.90727	170.67530	170.44333	170.21136	169.97939	169.74742	169.51546	169.28349	169.05152	168.81955	168.58758	168.35561
59	168.12364	167.88220	167.64076	167.39933	167.15789	166.91645	166.67501	166.43357	166.19213	165.95070	165.70926	165.46782
60	165.22638	164.97563	164.72488	164.47414	164.22339	163.97264	163.72189	163.47114	163.22039	162.96965	162.71890	162.46815
61	162.21740	161.95803	161.69866	161.43929	161.17992	160.92055	160.66118	160.40181	160.14244	159.88307	159.62370	159.36433
62	159.10496	158.83740	158.56984	158.30229	158.03473	157.76717	157.49961	157.23205	156.96449	156.69694	156.42938	156.16182
63	155.89426	155.61995	155.34565	155.07134	154.79703	154.52272	154.24842	153.97411	153.69980	153.42549	153.15119	152.87688
64	152.60257	152.32179	152.04102	151.76024	151.47946	151.19869	150.91791	150.63713	150.35636	150.07558	149.79480	149.51403
65	149.23325	148.94568	148.65811	148.37054	148.08296	147.79539	147.50782	147.22025	146.93268	146.64511	146.35753	146.06996
66	145.78239	145.48863	145.19487	144.90111	144.60735	144.31359	144.01983	143.72606	143.43230	143.13854	142.84478	142.55102
67	142.25726	141.95718	141.65710	141.35702	141.05694	140.75686	140.45679	140.15671	139.85663	139.55655	139.25647	138.95639
68	138.65631	138.34874	138.04117	137.73360	137.42602	137.11845	136.81088	136.50331	136.19574	135.88817	135.58059	135.27302
69	134.96545	134.65010	134.33476	134.01941	133.70406	133.38871	133.07337	132.75802	132.44267	132.12732	131.81198	131.49663
70	131.18128	130.86036	130.53944	130.21852	129.89759	129.57667	129.25575	128.93483	128.61391	128.29299	127.97206	127.65114
71	127.33022	127.00459	126.67896	126.35333	126.02770	125.70207	125.37644	125.05080	124.72517	124.39954	124.07391	123.74828
72	123.42265	123.09179	122.76093	122.43007	122.09921	121.76835	121.43750	121.10664	120.77578	120.44492	120.11406	119.78320
73	119.45234	119.11699	118.78164	118.44630	118.11095	117.77560	117.44025	117.10490	116.76955	116.43421	116.09886	115.76351
74	115.42816	115.08898	114.74979	114.41061	114.07142	113.73224	113.39306	113.05387	112.71469	112.37550	112.03632	111.69713

Mortality Table: Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA

Oregon Public Employees Retirement System (Tier 1 / Tier 2) and Oregon Public Service Retirement Plan (OPSRP)
Actuarial Equivalency Factors Effective January 1, 2016

Table 24: Present Value of Alternate Payee Immediate Benefit (OPSRP only)
(Factor Multiplied by Alternate Payee Monthly Benefit at Alternate Payee's Commencement Date)

	Months of Alternate Payee's Attained Age at Date Benefit Payments Begin											
Age	**0**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**
75	111.35795	111.01558	110.67322	110.33085	109.98848	109.64612	109.30375	108.96138	108.61902	108.27665	107.93428	107.59192
76	107.24955	106.90473	106.55991	106.21508	105.87026	105.52544	105.18062	104.83579	104.49097	104.14615	103.80133	103.45650
77	103.11168	102.76521	102.41873	102.07226	101.72578	101.37931	101.03284	100.68636	100.33989	99.99341	99.64694	99.30046
78	98.95399	98.60647	98.25894	97.91142	97.56390	97.21637	96.86885	96.52133	96.17380	95.82628	95.47876	95.13123
79	94.78371	94.43600	94.08828	93.74057	93.39286	93.04514	92.69743	92.34972	92.00200	91.65429	91.30658	90.95886
80	90.61115	90.26422	89.91729	89.57035	89.22342	88.87649	88.52956	88.18262	87.83569	87.48876	87.14183	86.79489
81	86.44796	86.10251	85.75706	85.41162	85.06617	84.72072	84.37527	84.02982	83.68437	83.33893	82.99348	82.64803
82	82.30258	81.96097	81.61936	81.27775	80.93614	80.59453	80.25292	79.91130	79.56969	79.22808	78.88647	78.54486
83	78.20325	77.86641	77.52958	77.19274	76.85591	76.51907	76.18224	75.84540	75.50856	75.17173	74.83489	74.49806
84	74.16122	73.83013	73.49904	73.16795	72.83685	72.50576	72.17467	71.84358	71.51249	71.18140	70.85030	70.51921
85	70.18812	69.86337	69.53863	69.21388	68.88914	68.56439	68.23965	67.91490	67.59015	67.26541	66.94066	66.61592
86	66.29117	65.97354	65.65591	65.33827	65.02064	64.70301	64.38538	64.06774	63.75011	63.43248	63.11485	62.79721
87	62.47958	62.16998	61.86038	61.55078	61.24118	60.93158	60.62198	60.31237	60.00277	59.69317	59.38357	59.07397
88	58.76437	58.46830	58.17222	57.87615	57.58007	57.28400	56.98793	56.69185	56.39578	56.09970	55.80363	55.50755
89	55.21148	54.92987	54.64827	54.36666	54.08505	53.80345	53.52184	53.24023	52.95863	52.67702	52.39541	52.11381
90	51.83220	51.57007	51.30793	51.04580	50.78366	50.52153	50.25939	49.99726	49.73512	49.47299	49.21085	48.94872
91	48.68658	48.44500	48.20343	47.96185	47.72027	47.47870	47.23712	46.99554	46.75397	46.51239	46.27081	46.02924
92	45.78766	45.56407	45.34047	45.11688	44.89329	44.66969	44.44610	44.22251	43.99891	43.77532	43.55173	43.32813
93	43.10454	42.89848	42.69241	42.48635	42.28029	42.07422	41.86816	41.66210	41.45603	41.24997	41.04391	40.83784
94	40.63178	40.44226	40.25275	40.06323	39.87371	39.68419	39.49468	39.30516	39.11564	38.92612	38.73661	38.54709
95	38.35757	38.18234	38.00711	37.83188	37.65665	37.48142	37.30620	37.13097	36.95574	36.78051	36.60528	36.43005
96	36.25482	36.10389	35.95295	35.80202	35.65109	35.50015	35.34922	35.19829	35.04735	34.89642	34.74549	34.59455
97	34.44362	34.31856	34.19350	34.06844	33.94337	33.81831	33.69325	33.56819	33.44313	33.31807	33.19300	33.06794
98	32.94288	32.82954	32.71620	32.60286	32.48952	32.37618	32.26284	32.14949	32.03615	31.92281	31.80947	31.69613
99	31.58279	31.47554	31.36828	31.26103	31.15378	31.04652	30.93927	30.83202	30.72476	30.61751	30.51026	30.40300
100	30.29575											

Mortality Table: Blended Beneficiary Mortality
Interest Rate: 7.50%, with 2.00% COLA