

# 11. Worksheets

## Benefit Estimate Worksheet

CalSTRS suggests you learn more about your benefits by attending a workshop to prepare for your retirement. If you still have questions, call and make an appointment to talk to a benefits counselor.

**Example**  
Mary is retiring at age 60 with 24.250 years of service.

**Step 1: Determine Service Credit and Age Factor**

Service Credit (years of service)	=	24.250
Age Factor based on Mary's age at retirement (see Age Factor Table, page 72)	=	2%

**Step 2: Determine Final Compensation**

Mary's highest three consecutive school years of earnable compensation

2001-2002	\$48,000
2000-2001	\$47,000
1999-2000	\$45,000
Total Earnable Compensation	\$140,000
	÷ 36 months
Monthly Final Compensation	<b>\$3,888.89</b>

**Step 3: Calculate Benefit**

Service Credit	24.250
x Age Factor	x .02
x Final Compensation	x \$3,888.89
Mary's unmodified monthly benefit =	<b>\$1,886.11</b>

**Your Estimate**  
You plan to retire at age \_\_\_\_\_.

**Step 1: Determine Service Credit and Age Factor**

Service Credit (years of service)	=	_____
Age Factor (see Age Factor Table, page 72) (if applicable, include career factor)	=	_____

**Step 2: Determine Final Compensation**

Enter your highest three consecutive school years of earnable compensation (if applicable, use one-year final compensation)

	\$	_____
	\$	_____
	\$	_____
Total Earnable Compensation	\$	_____
		÷ 36 months
		(if eligible, use one-year final compensation ÷ 12 months)
Monthly Final Compensation	\$	_____

**Step 3: Calculate Benefit**

Service Credit	_____
x Age Factor	x _____
x Final Compensation	x _____
+ Longevity Bonus (if applicable)	+ _____
Your unmodified monthly benefit =	\$ _____

## Age Factor Table

The age factor is a percentage determined by your age in years and months on the last day of the month in which your retirement is effective. The age factor is increased by a career factor of 0.2 percent if you have 30 or more years of service credit on the day you retire.

The age factor equals 2 percent at age 60.

From age 55 to 60, the factor is reduced by 0.01 (one one-hundredth) of a percent for each month or fraction of a month in which

you are under age 60. For example, if you are age 55 and six months when you retire, your age factor is 1.46 percent.

Between age 60 and 63, the 2 percent age factor is increased by 0.033 for each quarter year of age that the member is over age 60, up to a maximum age factor of 2.4 percent. If you qualify for the 0.2 percent career factor by having at least 30 years of service credit, you reach the maximum age factor of 2.4 percent at age 61 and six months.

### Age Factor Table (expressed as percentages)

	Months											
	0	1	2	3	4	5	6	7	8	9	10	11
63	2.400	2.400	2.400	2.400	2.400	2.400	2.400	2.400	2.400	2.400	2.400	2.400
62	2.267	2.267	2.267	2.300	2.300	2.300	2.333	2.333	2.333	2.367	2.367	2.367
61	2.133	2.133	2.133	2.167	2.167	2.167	2.200	2.200	2.200	2.233	2.233	2.233
60	2.00	2.00	2.00	2.033	2.033	2.033	2.067	2.067	2.067	2.100	2.100	2.100
59	1.88	1.89	1.90	1.91	1.92	1.93	1.94	1.95	1.96	1.97	1.98	1.99
58	1.76	1.77	1.78	1.79	1.80	1.81	1.82	1.83	1.84	1.85	1.86	1.87
57	1.64	1.65	1.66	1.67	1.68	1.69	1.70	1.71	1.72	1.73	1.74	1.75
56	1.52	1.53	1.54	1.55	1.56	1.57	1.58	1.59	1.60	1.61	1.62	1.63
55	1.40	1.41	1.42	1.43	1.44	1.45	1.46	1.47	1.48	1.49	1.50	1.51
54	1.34	1.345	1.35	1.355	1.36	1.365	1.37	1.375	1.38	1.385	1.39	1.395
53	1.28	1.285	1.29	1.295	1.30	1.305	1.31	1.315	1.32	1.325	1.33	1.335
52	1.22	1.225	1.23	1.235	1.24	1.245	1.25	1.255	1.26	1.265	1.27	1.275
51	1.16	1.165	1.17	1.175	1.18	1.185	1.19	1.195	1.20	1.205	1.21	1.215
50	1.10	1.105	1.11	1.115	1.12	1.125	1.13	1.135	1.14	1.145	1.15	1.155

*Note: You must have 30 years of service credit to retire between the ages of 50 and 55.*

### Career Factor

If you have 30 or more years of credited service, add 0.2 percent to the age factor on the above chart. The maximum age factor with the career factor is 2.4.

#### Example:

Age	Without career factor	With career factor
61 – 3 mos.	2.167%	2.367%
61 – 9 mos.	2.23%	2.400%*

\* maximum age factor

## Option Worksheets

You can use these worksheets to estimate your own modified retirement benefit, using the age and option factor tables in this section. You can also get a benefit estimate at the CalSTRS Web site.

The following examples show modified retirement benefits based on both the member and the option beneficiary being age 60 on the effective date of retirement.\*

### Option 2

Under Option 2, upon your death, your option beneficiary will receive the same modified benefit as you were receiving for the remainder of his or her lifetime.

Example	Your Estimate
\$1,886.11 Unmodified Benefit	\$ _____
x Option Factor <sup>†</sup> .8791	x _____
= Option 2 Benefit to Member or Option Beneficiary \$1,658.08	\$ _____

### Option 3

Under Option 3, upon your death, your option beneficiary will receive one-half the modified benefit you were receiving for the remainder of his or her lifetime.

Example	Your Estimate
\$1,886.11 Unmodified Benefit	\$ _____
x Option Factor <sup>†</sup> .9476	x _____
= Option 3 Benefit to Member \$1,787.28	\$ _____
½ to Option Beneficiary \$893.64	\$ _____

### Option 4

Under Option 4, upon your death or the death of your option beneficiary, two-thirds the modified benefit you were receiving will be payable to the survivor for his or her lifetime.

Example	Your Estimate
\$1,886.11 Unmodified Benefit	\$ _____
x Option Factor <sup>†</sup> .9410	x _____
= Option 4 Benefit to Member \$1,774.83	\$ _____
2/3 to Survivor \$1,183.22	\$ _____

### Option 5

Under Option 5, upon your death or the death of your option beneficiary, one-half the modified benefit you were receiving will be payable to the survivor for his or her lifetime.

Example	Your Estimate
\$1,886.11 Unmodified Benefit	\$ _____
x Option Factor <sup>†</sup> .9831	x _____
= Option 5 Benefit to Member \$1,854.23	\$ _____
½ to Survivor \$ 927.12	\$ _____

\* These examples are based on factors retrieved from the Option Factor Tables later in this section and applied to the unmodified benefit calculated on page 71. Minor differences may occur when actual calculations are performed as the age of the member and option beneficiary are based on the nearest quarter year of age.

† To find the option factor, find your age, option beneficiary's age and option number starting on page 76.

### Option 6

Under Option 6, upon your death, your option beneficiary will continue to receive the same modified benefit you were receiving for his or her lifetime. If the option beneficiary predeceases you, your benefit will rise to the unmodified amount.

<b>Example</b>	<b>Your Estimate</b>
\$1,886.11 (payable to member upon death of Option Beneficiary)	\$ _____
x Option Factor <sup>†</sup> .8665	x _____
= Option 6 Benefit to Member or Option Beneficiary \$1,634.31	\$ _____

### Option 7

Under Option 7, upon your death, your option beneficiary will receive one-half the modified benefit you were receiving for his or her lifetime. If the option beneficiary predeceases you, your benefit will rise to the unmodified amount.

<b>Example</b>	<b>Your Estimate</b>
\$1,886.11 (payable to member upon death of Option Beneficiary)	\$ _____
x Option Factor <sup>†</sup> x .9408	x _____
= Option 7 Benefit to Member \$1,774.45	\$ _____
½ to Option Beneficiary \$ 887.23	\$ _____

### Option 8

Under Option 8, you will receive a modified retirement benefit. Upon your death, your option beneficiaries will each receive a modified benefit as provided by the calculation formula used under each option selected. You select two or more beneficiaries under Option 8 or you may select one beneficiary and retain a portion as unmodified to comply with a court order of dissolution.

Following the example, use the worksheet on the following page to estimate how much you and your option beneficiaries would receive if you select this option.

(Use additional worksheets if selecting more than two option beneficiaries.)

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<sup>†</sup> To find the option factor, find your age, option beneficiary's age and option number starting on page 76.

## Option 8 Worksheet

Your Estimate	Member	Beneficiary 1	Beneficiary 2
1. Member's unmodified benefit	\$ _____		
2. Percentages of unmodified benefit allotted as unmodified to member (if any) and to each beneficiary <sup>§</sup>	% _____	% _____	% _____
3. Amount of unmodified benefit allotted to member and each beneficiary (Multiply #1 by #2 and enter)	\$ _____	\$ _____	\$ _____
4. Option number selected for each beneficiary		# _____	# _____
5. Option beneficiary's age		_____	_____
6. Option factor (Using Option Tables, locate factor based on member age, beneficiary age and option.) <sup>†</sup>		_____	_____
7. Benefit to each option beneficiary upon member's death (Multiply #3 by #6 then enter)		\$ _____	\$ _____
8. Member's modified benefit (Add #7 from all option beneficiary worksheets to column 1 of #3)	\$ _____		

### Option 8 Example

	Member	Beneficiary 1	Beneficiary 2
1. Member's unmodified benefit	\$1,886.11		
2. Percentages of unmodified benefit allotted as unmodified to member (if any) and to each beneficiary	40%	40%	20%
3. Amount of unmodified benefit allotted to member and each beneficiary (Multiply #1 by #2 and enter)	\$754.44	\$754.44	\$377.22
4. Option number selected for each beneficiary		#6	#2
5. Option beneficiary's age		60	30
6. Option factor (Using Option Tables, locate factor based on member age, beneficiary age and option.)		.8665	.7674
7. Benefit to each option beneficiary upon member's death (Multiply #3 by #6 then enter)		\$653.72	\$289.48
8. <b>Member's modified benefit</b> (Add #7 to column 1 of #3)	\$754.44 + \$653.72 + 289.48 = <b>\$ 1,697.64</b>		

<sup>§</sup> Percentages assigned to all option beneficiaries and the percentage, if any, retained as unmodified must equal 100 percent.

<sup>†</sup> To find the option factor, find your age, option beneficiary's age and option number starting on page 76.

## Service Retirement Option Factor Tables

MBR	BEN	Opt 2	Opt 3	Opt 4	Opt 5	Opt 6	Opt 7
55	5	0.8063	0.9015	0.8592	0.8925	0.8061	0.9014
55	10	0.8089	0.9032	0.8612	0.8943	0.8086	0.9030
55	15	0.8123	0.9055	0.8640	0.8969	0.8118	0.9051
55	20	0.8168	0.9084	0.8674	0.9000	0.8160	0.9079
55	25	0.8227	0.9121	0.8719	0.9040	0.8217	0.9115
55	30	0.8304	0.9170	0.8781	0.9095	0.8292	0.9162
55	35	0.8405	0.9231	0.8863	0.9170	0.8388	0.9220
55	40	0.8532	0.9307	0.8973	0.9273	0.8507	0.9291
55	45	0.8686	0.9394	0.9116	0.9414	0.8649	0.9372
55	50	0.8865	0.9492	0.9302	0.9606	0.8812	0.9461
55	55	0.9061	0.9593	0.9539	0.9868	0.8986	0.9553
55	60	0.9260	0.9690	0.9836	1.0222	0.9160	0.9640
55	65	0.9446	0.9776	1.0193	1.0683	0.9324	0.9719
55	70	0.9606	0.9847	1.0607	1.1259	0.9469	0.9787

MBR	BEN	Opt 2	Opt 3	Opt 4	Opt 5	Opt 6	Opt 7
59	5	0.7576	0.8735	0.8220	0.8625	0.7574	0.8734
59	10	0.7601	0.8753	0.8240	0.8644	0.7597	0.8750
59	15	0.7634	0.8776	0.8267	0.8669	0.7629	0.8772
59	20	0.7678	0.8806	0.8302	0.8700	0.7670	0.8800
59	25	0.7735	0.8845	0.8346	0.8739	0.7726	0.8838
59	30	0.7813	0.8897	0.8407	0.8794	0.7800	0.8888
59	35	0.7915	0.8963	0.8490	0.8869	0.7897	0.8952
59	40	0.8047	0.9048	0.8601	0.8971	0.8021	0.9031
59	45	0.8214	0.9149	0.8748	0.9111	0.8175	0.9125
59	50	0.8416	0.9267	0.8941	0.9302	0.8357	0.9232
59	55	0.8649	0.9396	0.9191	0.9564	0.8563	0.9347
59	60	0.8902	0.9527	0.9506	0.9918	0.8781	0.9463
59	65	0.9153	0.9650	0.9889	1.0380	0.8996	0.9573
59	70	0.9382	0.9755	1.0333	1.0958	0.9197	0.9671

56	5	0.7950	0.8951	0.8506	0.8856	0.7948	0.8950
56	10	0.7976	0.8968	0.8526	0.8875	0.7973	0.8966
56	15	0.8010	0.8991	0.8553	0.8900	0.8004	0.8987
56	20	0.8054	0.9020	0.8588	0.8932	0.8047	0.9015
56	25	0.8113	0.9058	0.8633	0.8971	0.8104	0.9052
56	30	0.8191	0.9108	0.8694	0.9026	0.8179	0.9100
56	35	0.8292	0.9171	0.8777	0.9101	0.8275	0.9159
56	40	0.8421	0.9248	0.8888	0.9204	0.8396	0.9232
56	45	0.8579	0.9340	0.9032	0.9344	0.8541	0.9317
56	50	0.8764	0.9442	0.9220	0.9536	0.8709	0.9411
56	55	0.8970	0.9550	0.9460	0.9798	0.8892	0.9508
56	60	0.9182	0.9655	0.9762	1.0153	0.9077	0.9602
56	65	0.9384	0.9750	1.0125	1.0614	0.9254	0.9688
56	70	0.9560	0.9828	1.0546	1.1190	0.9412	0.9763

60	5	0.7439	0.8655	0.8115	0.8540	0.7437	0.8654
60	10	0.7463	0.8672	0.8135	0.8558	0.7460	0.8670
60	15	0.7497	0.8696	0.8162	0.8583	0.7491	0.8692
60	20	0.7540	0.8726	0.8196	0.8615	0.7532	0.8720
60	25	0.7597	0.8766	0.8241	0.8654	0.7587	0.8759
60	30	0.7674	0.8818	0.8302	0.8708	0.7661	0.8809
60	35	0.7776	0.8886	0.8384	0.8782	0.7758	0.8874
60	40	0.7909	0.8972	0.8496	0.8885	0.7883	0.8954
60	45	0.8077	0.9077	0.8643	0.9024	0.8038	0.9051
60	50	0.8284	0.9200	0.8837	0.9216	0.8224	0.9163
60	55	0.8525	0.9336	0.9089	0.9477	0.8436	0.9284
60	60	0.8791	0.9476	0.9410	0.9831	0.8665	0.9408
60	65	0.9059	0.9609	0.9799	1.0293	0.8894	0.9527
60	70	0.9308	0.9725	1.0251	1.0872	0.9110	0.9634

57	5	0.7831	0.8883	0.8415	0.8783	0.7830	0.8882
57	10	0.7857	0.8901	0.8435	0.8802	0.7854	0.8898
57	15	0.7891	0.8924	0.8463	0.8827	0.7885	0.8920
57	20	0.7935	0.8953	0.8497	0.8859	0.7928	0.8948
57	25	0.7994	0.8991	0.8542	0.8898	0.7984	0.8985
57	30	0.8071	0.9042	0.8604	0.8953	0.8059	0.9033
57	35	0.8173	0.9106	0.8686	0.9028	0.8156	0.9094
57	40	0.8304	0.9186	0.8797	0.9131	0.8278	0.9169
57	45	0.8465	0.9281	0.8943	0.9271	0.8427	0.9257
57	50	0.8656	0.9388	0.9132	0.9463	0.8600	0.9355
57	55	0.8871	0.9503	0.9376	0.9725	0.8790	0.9459
57	60	0.9097	0.9617	0.9682	1.0079	0.8987	0.9560
57	65	0.9314	0.9720	1.0052	1.0540	0.9176	0.9654
57	70	0.9507	0.9806	1.0480	1.1117	0.9348	0.9735

61	5	0.7296	0.8570	0.8006	0.8450	0.7295	0.8569
61	10	0.7321	0.8588	0.8025	0.8468	0.7318	0.8586
61	15	0.7354	0.8612	0.8052	0.8493	0.7348	0.8607
61	20	0.7396	0.8642	0.8086	0.8524	0.7389	0.8636
61	25	0.7453	0.8682	0.8130	0.8563	0.7443	0.8675
61	30	0.7529	0.8734	0.8191	0.8617	0.7516	0.8725
61	35	0.7631	0.8803	0.8274	0.8692	0.7613	0.8791
61	40	0.7764	0.8891	0.8385	0.8794	0.7738	0.8874
61	45	0.7934	0.9000	0.8533	0.8933	0.7894	0.8974
61	50	0.8145	0.9128	0.8728	0.9124	0.8084	0.9090
61	55	0.8394	0.9271	0.8983	0.9385	0.8302	0.9217
61	60	0.8672	0.9421	0.9307	0.9739	0.8541	0.9349
61	65	0.8957	0.9564	0.9703	1.0201	0.8783	0.9477
61	70	0.9227	0.9691	1.0163	1.0780	0.9015	0.9593

58	5	0.7707	0.8811	0.8320	0.8707	0.7705	0.8810
58	10	0.7732	0.8829	0.8340	0.8725	0.7729	0.8826
58	15	0.7766	0.8852	0.8367	0.8750	0.7760	0.8848
58	20	0.7810	0.8882	0.8402	0.8782	0.7802	0.8876
58	25	0.7868	0.8920	0.8447	0.8821	0.7858	0.8914
58	30	0.7945	0.8971	0.8508	0.8875	0.7933	0.8963
58	35	0.8048	0.9037	0.8591	0.8950	0.8030	0.9025
58	40	0.8179	0.9119	0.8702	0.9053	0.8153	0.9102
58	45	0.8343	0.9217	0.8848	0.9193	0.8304	0.9193
58	50	0.8540	0.9330	0.9039	0.9385	0.8482	0.9296
58	55	0.8765	0.9452	0.9286	0.9647	0.8681	0.9405
58	60	0.9004	0.9574	0.9597	1.0001	0.8888	0.9514
58	65	0.9238	0.9687	0.9973	1.0463	0.9090	0.9615
58	70	0.9448	0.9782	1.0409	1.1040	0.9276	0.9705

62	5	0.7148	0.8481	0.7891	0.8355	0.7147	0.8480
62	10	0.7173	0.8499	0.7911	0.8374	0.7170	0.8497
62	15	0.7205	0.8523	0.7938	0.8399	0.7200	0.8519
62	20	0.7248	0.8554	0.7972	0.8430	0.7240	0.8548
62	25	0.7303	0.8594	0.8015	0.8469	0.7293	0.8586
62	30	0.7379	0.8647	0.8076	0.8523	0.7366	0.8638
62	35	0.7480	0.8717	0.8158	0.8597	0.7462	0.8704
62	40	0.7613	0.8807	0.8269	0.8699	0.7587	0.8789
62	45	0.7784	0.8918	0.8417	0.8838	0.7744	0.8891
62	50	0.7998	0.9051	0.8613	0.9028	0.7936	0.9011
62	55	0.8254	0.9201	0.8870	0.9289	0.8161	0.9145
62	60	0.8544	0.9360	0.9199	0.9642	0.8409	0.9285
62	65	0.8847	0.9515	0.9600	1.0104	0.8665	0.9422
62	70	0.9137	0.9654	1.0070	1.0684	0.8913	0.9548

## Service Retirement Option Factor Tables

MBR	BEN	Opt 2	Opt 3	Opt 4	Opt 5	Opt 6	Opt 7
63	5	0.6995	0.8388	0.7772	0.8257	0.6994	0.8387
63	10	0.7019	0.8406	0.7792	0.8275	0.7016	0.8404
63	15	0.7052	0.8430	0.7818	0.8300	0.7046	0.8426
63	20	0.7093	0.8461	0.7852	0.8331	0.7085	0.8455
63	25	0.7148	0.8501	0.7896	0.8369	0.7138	0.8494
63	30	0.7223	0.8555	0.7956	0.8423	0.7210	0.8545
63	35	0.7323	0.8625	0.8038	0.8497	0.7305	0.8613
63	40	0.7456	0.8717	0.8148	0.8599	0.7430	0.8699
63	45	0.7627	0.8831	0.8296	0.8737	0.7588	0.8804
63	50	0.7844	0.8969	0.8493	0.8928	0.7782	0.8928
63	55	0.8106	0.9126	0.8752	0.9188	0.8012	0.9068
63	60	0.8407	0.9295	0.9084	0.9541	0.8268	0.9216
63	65	0.8727	0.9462	0.9492	1.0002	0.8537	0.9363
63	70	0.9039	0.9613	0.9970	1.0583	0.8802	0.9499

MBR	BEN	Opt 2	Opt 3	Opt 4	Opt 5	Opt 6	Opt 7
67	5	0.6336	0.7971	0.7250	0.7815	0.6335	0.7970
67	10	0.6359	0.7989	0.7269	0.7833	0.6356	0.7987
67	15	0.6389	0.8014	0.7295	0.7858	0.6383	0.8009
67	20	0.6427	0.8045	0.7327	0.7888	0.6420	0.8038
67	25	0.6478	0.8085	0.7369	0.7926	0.6469	0.8078
67	30	0.6548	0.8140	0.7427	0.7979	0.6536	0.8131
67	35	0.6643	0.8214	0.7507	0.8052	0.6627	0.8201
67	40	0.6771	0.8311	0.7616	0.8152	0.6747	0.8292
67	45	0.6940	0.8435	0.7762	0.8288	0.6903	0.8407
67	50	0.7161	0.8589	0.7959	0.8476	0.7101	0.8546
67	55	0.7439	0.8773	0.8221	0.8733	0.7343	0.8709
67	60	0.7775	0.8980	0.8564	0.9084	0.7627	0.8888
67	65	0.8156	0.9197	0.8993	0.9543	0.7942	0.9076
67	70	0.8555	0.9405	0.9505	1.0124	0.8272	0.9260

64	5	0.6837	0.8290	0.7648	0.8153	0.6836	0.8289
64	10	0.6861	0.8309	0.7668	0.8171	0.6858	0.8306
64	15	0.6893	0.8333	0.7694	0.8196	0.6887	0.8328
64	20	0.6933	0.8364	0.7728	0.8227	0.6925	0.8357
64	25	0.6987	0.8404	0.7771	0.8265	0.6978	0.8396
64	30	0.7061	0.8458	0.7831	0.8319	0.7049	0.8449
64	35	0.7160	0.8529	0.7912	0.8393	0.7143	0.8517
64	40	0.7292	0.8622	0.8023	0.8494	0.7267	0.8604
64	45	0.7464	0.8739	0.8170	0.8632	0.7425	0.8712
64	50	0.7682	0.8881	0.8368	0.8822	0.7621	0.8840
64	55	0.7950	0.9046	0.8627	0.9082	0.7855	0.8986
64	60	0.8262	0.9224	0.8963	0.9434	0.8119	0.9142
64	65	0.8598	0.9403	0.9377	0.9895	0.8401	0.9298
64	70	0.8932	0.9568	0.9864	1.0476	0.8682	0.9446

68	5	0.6163	0.7855	0.7109	0.7693	0.6162	0.7854
68	10	0.6185	0.7874	0.7127	0.7711	0.6183	0.7872
68	15	0.6215	0.7899	0.7153	0.7736	0.6209	0.7894
68	20	0.6253	0.7930	0.7185	0.7766	0.6245	0.7923
68	25	0.6302	0.7970	0.7227	0.7804	0.6293	0.7963
68	30	0.6371	0.8025	0.7284	0.7856	0.6359	0.8016
68	35	0.6464	0.8099	0.7363	0.7929	0.6448	0.8086
68	40	0.6590	0.8197	0.7471	0.8028	0.6566	0.8179
68	45	0.6758	0.8323	0.7616	0.8164	0.6721	0.8295
68	50	0.6977	0.8481	0.7812	0.8351	0.6919	0.8438
68	55	0.7257	0.8671	0.8075	0.8608	0.7162	0.8606
68	60	0.7599	0.8887	0.8419	0.8957	0.7451	0.8793
68	65	0.7993	0.9117	0.8853	0.9416	0.7776	0.8991
68	70	0.8412	0.9341	0.9372	0.9996	0.8121	0.9189

65	5	0.6674	0.8188	0.7520	0.8045	0.6673	0.8187
65	10	0.6697	0.8206	0.7539	0.8063	0.6694	0.8204
65	15	0.6729	0.8231	0.7566	0.8088	0.6723	0.8226
65	20	0.6769	0.8262	0.7599	0.8118	0.6761	0.8255
65	25	0.6822	0.8302	0.7641	0.8157	0.6812	0.8295
65	30	0.6894	0.8357	0.7701	0.8210	0.6882	0.8347
65	35	0.6992	0.8429	0.7782	0.8284	0.6975	0.8416
65	40	0.7123	0.8523	0.7892	0.8385	0.7098	0.8505
65	45	0.7295	0.8643	0.8039	0.8522	0.7256	0.8615
65	50	0.7514	0.8789	0.8236	0.8711	0.7453	0.8747
65	55	0.7786	0.8960	0.8497	0.8970	0.7690	0.8899
65	60	0.8107	0.9148	0.8836	0.9322	0.7962	0.9063
65	65	0.8460	0.9340	0.9255	0.9783	0.8256	0.9229
65	70	0.8816	0.9518	0.9751	1.0364	0.8553	0.9389

69	5	0.5988	0.7735	0.6963	0.7567	0.5987	0.7734
69	10	0.6009	0.7754	0.6982	0.7585	0.6007	0.7752
69	15	0.6039	0.7779	0.7007	0.7609	0.6033	0.7774
69	20	0.6075	0.7810	0.7039	0.7639	0.6068	0.7803
69	25	0.6124	0.7850	0.7080	0.7677	0.6115	0.7843
69	30	0.6191	0.7905	0.7137	0.7729	0.6179	0.7896
69	35	0.6282	0.7980	0.7215	0.7801	0.6267	0.7967
69	40	0.6406	0.8078	0.7322	0.7900	0.6383	0.8060
69	45	0.6572	0.8206	0.7466	0.8036	0.6536	0.8178
69	50	0.6790	0.8368	0.7661	0.8222	0.6733	0.8324
69	55	0.7070	0.8563	0.7923	0.8477	0.6977	0.8497
69	60	0.7418	0.8789	0.8269	0.8825	0.7270	0.8692
69	65	0.7822	0.9031	0.8706	0.9283	0.7603	0.8901
69	70	0.8261	0.9271	0.9233	0.9863	0.7963	0.9112

66	5	0.6507	0.8082	0.7387	0.7932	0.6505	0.8081
66	10	0.6530	0.8100	0.7406	0.7950	0.6527	0.8098
66	15	0.6560	0.8125	0.7432	0.7975	0.6555	0.8120
66	20	0.6600	0.8155	0.7465	0.8005	0.6592	0.8149
66	25	0.6652	0.8196	0.7507	0.8044	0.6642	0.8188
66	30	0.6723	0.8251	0.7566	0.8097	0.6711	0.8241
66	35	0.6819	0.8324	0.7647	0.8170	0.6803	0.8311
66	40	0.6949	0.8419	0.7756	0.8271	0.6924	0.8401
66	45	0.7120	0.8541	0.7903	0.8408	0.7082	0.8513
66	50	0.7340	0.8692	0.8100	0.8596	0.7279	0.8649
66	55	0.7616	0.8869	0.8362	0.8854	0.7520	0.8806
66	60	0.7945	0.9067	0.8703	0.9205	0.7798	0.8978
66	65	0.8312	0.9271	0.9127	0.9666	0.8103	0.9155
66	70	0.8690	0.9464	0.9631	1.0247	0.8416	0.9327

70	5	0.5811	0.7610	0.6814	0.7436	0.5810	0.7609
70	10	0.5832	0.7628	0.6832	0.7454	0.5829	0.7626
70	15	0.5860	0.7653	0.6857	0.7478	0.5855	0.7649
70	20	0.5896	0.7684	0.6888	0.7508	0.5889	0.7678
70	25	0.5944	0.7725	0.6929	0.7545	0.5935	0.7717
70	30	0.6009	0.7780	0.6985	0.7597	0.5998	0.7771
70	35	0.6098	0.7855	0.7062	0.7669	0.6083	0.7842
70	40	0.6220	0.7954	0.7168	0.7767	0.6197	0.7936
70	45	0.6383	0.8084	0.7311	0.7902	0.6349	0.8056
70	50	0.6599	0.8248	0.7505	0.8087	0.6544	0.8205
70	55	0.6879	0.8449	0.7766	0.8341	0.6788	0.8383
70	60	0.7230	0.8684	0.8112	0.8688	0.7084	0.8585
70	65	0.7644	0.8939	0.8552	0.9144	0.7424	0.8804
70	70	0.8101	0.9195	0.9085	0.9723	0.7798	0.9028

MBR=member's age BEN=beneficiary's age

## Defined Benefit Supplement Annuity Calculation Estimates

### DBS Single Life Annuity with a Cash Refund

A lifetime monthly payment. Any balance remaining upon your death will be paid to your one-time death benefit recipient(s).

DBS Account Balance	Member's Age at Retirement			
	50	55	60	65
\$3,500	\$24	\$25	\$27	\$28
\$5,000	\$35	\$36	\$38	\$41
\$7,500	\$53	\$55	\$57	\$61
\$10,000	\$70	\$73	\$77	\$82
\$15,000	\$105	\$110	\$115	\$123
\$20,000	\$141	\$146	\$154	\$164
\$25,000	\$176	\$183	\$192	\$205

### DBS Single Life Annuity without a Cash Refund

A lifetime monthly payment with no cash refund payable upon your death.

DBS Account Balance	Member's Age at Retirement			
	50	55	60	65
\$3,500	\$25	\$26	\$27	\$30
\$5,000	\$35	\$37	\$39	\$42
\$7,500	\$53	\$55	\$59	\$64
\$10,000	\$71	\$74	\$79	\$85
\$15,000	\$106	\$111	\$118	\$128
\$20,000	\$142	\$148	\$157	\$170
\$25,000	\$177	\$185	\$197	\$213

### DBS Period-Certain Annuity

A monthly payment made for any number of years from three to 10. The amount you receive is based on the number of years over which the annuity is paid. The examples used here are selected to illustrate how the monthly amount changes over different periods. If you die before the annuity period ends, the remaining payments are paid to your one-time death benefit recipient(s).

DBS Account	3 Year	4 Year	5 Year	6 Year	7 Year	8 Year	9 Year	10 Year
\$3,500	\$108	\$84	\$70	\$60	\$53	\$48	\$44	\$41
\$5,000	\$155	\$120	\$100	\$86	\$76	\$69	\$63	\$59
\$7,500	\$232	\$180	\$150	\$129	\$115	\$104	\$95	\$89
\$10,000	\$310	\$241	\$200	\$172	\$153	\$139	\$127	\$119
\$15,000	\$465	\$361	\$300	\$259	\$230	\$208	\$191	\$178
\$20,000	\$620	\$482	\$400	\$345	\$306	\$278	\$255	\$238
\$25,000	\$775	\$603	\$500	\$432	\$383	\$347	\$319	\$297

**DBS 100% Joint and Survivor Annuity**

This choice provides a monthly annuity for your lifetime and the lifetime of your annuity beneficiary. One hundred percent of your monthly annuity would be paid to your annuity beneficiary upon your death.

DBS Account Balance	Member's Age at Retirement															
	50				55				60				65			
	Age of Annuity Beneficiary at Retirement															
	50	55	60	65	50	55	60	65	50	55	60	65	50	55	60	65
\$3,500	\$23	\$23	\$24	\$24	\$23	\$23	\$24	\$24	\$23	\$23	\$24	\$24	\$23	\$24	\$24	\$25
\$5,000	\$32	\$33	\$33	\$33	\$33	\$34	\$34	\$35	\$33	\$34	\$34	\$35	\$32	\$33	\$34	\$35
\$7,500	\$49	\$50	\$50	\$51	\$49	\$50	\$51	\$51	\$50	\$51	\$52	\$53	\$50	\$51	\$52	\$54
\$10,000	\$66	\$67	\$68	\$68	\$66	\$67	\$68	\$69	\$67	\$68	\$70	\$71	\$66	\$68	\$69	\$71
\$15,000	\$99	\$100	\$101	\$102	\$100	\$101	\$103	\$104	\$100	\$102	\$104	\$106	\$100	\$102	\$105	\$108
\$20,000	\$133	\$134	\$135	\$137	\$133	\$135	\$137	\$139	\$133	\$136	\$139	\$141	\$132	\$136	\$139	\$143
\$25,000	\$166	\$167	\$169	\$170	\$167	\$169	\$171	\$174	\$167	\$170	\$174	\$177	\$166	\$170	\$175	\$180

**DBS 50% Joint and Survivor Annuity**

This choice provides a monthly annuity for your lifetime and the lifetime of your annuity beneficiary. Fifty percent of your monthly annuity would be paid to your annuity beneficiary upon your death.

DBS Account Balance	Member's Age at Retirement															
	50				55				60				65			
	Age of Annuity Beneficiary at Retirement															
	50	55	60	65	50	55	60	65	50	55	60	65	50	55	60	65
\$3,500	\$24	\$24	\$24	\$24	\$25	\$25	\$25	\$25	\$25	\$25	\$25	\$26	\$27	\$27	\$27	\$28
\$5,000	\$34	\$34	\$34	\$34	\$35	\$35	\$36	\$36	\$36	\$36	\$37	\$37	\$37	\$38	\$38	\$39
\$7,500	\$51	\$52	\$52	\$52	\$52	\$53	\$53	\$54	\$55	\$55	\$56	\$56	\$57	\$58	\$59	\$60
\$10,000	\$69	\$69	\$69	\$70	\$70	\$71	\$71	\$72	\$73	\$74	\$75	\$76	\$76	\$77	\$78	\$79
\$15,000	\$103	\$103	\$104	\$104	\$106	\$107	\$107	\$108	\$110	\$111	\$112	\$113	\$114	\$116	\$117	\$119
\$20,000	\$138	\$139	\$139	\$140	\$141	\$142	\$143	\$144	\$146	\$147	\$149	\$150	\$152	\$154	\$156	\$158
\$25,000	\$172	\$173	\$174	\$174	\$177	\$178	\$179	\$180	\$183	\$185	\$187	\$189	\$190	\$193	\$196	\$199

Note: the DBS annuity estimates above are not valid for CalSTRS Disability Benefit recipients.

