

# Retirement Formulas and Benefit Factors

State Miscellaneous & Industrial Members — **1.25% at 65**



## Retirement Estimate Calculator

Do you want a retirement estimate that uses data your employer already reported to CalPERS? Then log in to your myCalPERS account at [my.calpers.ca.gov](http://my.calpers.ca.gov) to obtain an estimate. You can generate a variety of scenarios and save them in myCalPERS for future reference.

## Understanding Your Retirement Formula

Your benefit factor, also known as age factor, is the percentage of pay to which you are entitled for each year of service. It is determined by your age at retirement and the retirement formula that applies to your classification.

Log in to your myCalPERS account at [my.calpers.ca.gov](http://my.calpers.ca.gov) for information on determining which formula applies to you. You can refer to your CalPERS Annual Member Statement to verify your retirement formula. If you have questions, call us at **888 CalPERS** (or **888-225-7377**).

## Reading the Retirement Formula Charts

We have included two charts related to the state miscellaneous and industrial retirement formula 1.25% at 65. The chart below shows how the benefit factor increases for each quarter year of age from 50 to 65. The chart on the next page shows the percentage of final compensation you will receive.

1.25% at 65 Retirement Formula — Minimum retirement age is 55 years*				
Age	Exact Year	¼ Year	½ Year	¾ Year
50	0.5000%	0.5125%	0.5250%	0.5375%
51	0.5500%	0.5625%	0.5750%	0.5875%
52	0.6000%	0.6125%	0.6250%	0.6375%
53	0.6500%	0.6625%	0.6750%	0.6875%
54	0.7000%	0.7125%	0.7250%	0.7375%
55	0.7500%	0.7625%	0.7750%	0.7875%
56	0.8000%	0.8125%	0.8250%	0.8375%
57	0.8500%	0.8625%	0.8750%	0.8875%
58	0.9000%	0.9125%	0.9250%	0.9375%
59	0.9500%	0.9625%	0.9750%	0.9875%
60	1.0000%	1.0125%	1.0250%	1.0375%
61	1.0500%	1.0625%	1.0750%	1.0875%
62	1.1000%	1.1125%	1.1250%	1.1375%
63	1.1500%	1.1625%	1.1750%	1.1875%
64	1.2000%	1.2125%	1.2250%	1.2375%
65 or older	1.2500%	1.2500%	1.2500%	1.2500%

\* If you have five years of credited service earned prior to January 1, 1985, you are eligible to retire at age 50 with less than 10 years of service.

**Percentage of Final Compensation — 1.25% at 65 Retirement Formula**

Age	55	56	57	58	59	60	61	62	63	64	65+
Benefit Factor	0.750	0.800	0.850	0.900	0.950	1.000	1.050	1.100	1.150	1.200	1.250
Years of Service	Percentage of Final Compensation										
10	7.50	8.00	8.50	9.00	9.50	10.00	10.50	11.00	11.50	12.00	12.50
11	8.25	8.80	9.35	9.90	10.45	11.00	11.55	12.10	12.65	13.20	13.75
12	9.00	9.60	10.20	10.80	11.40	12.00	12.60	13.20	13.80	14.40	15.00
13	9.75	10.40	11.05	11.70	12.35	13.00	13.65	14.30	14.95	15.60	16.25
14	10.50	11.20	11.90	12.60	13.30	14.00	14.70	15.40	16.10	16.80	17.50
15	11.25	12.00	12.75	13.50	14.25	15.00	15.75	16.50	17.25	18.00	18.75
16	12.00	12.80	13.60	14.40	15.20	16.00	16.80	17.60	18.40	19.20	20.00
17	12.75	13.60	14.45	15.30	16.15	17.00	17.85	18.70	19.55	20.40	21.25
18	13.50	14.40	15.30	16.20	17.10	18.00	18.90	19.80	20.70	21.60	22.50
19	14.25	15.20	16.15	17.10	18.05	19.00	19.95	20.90	21.85	22.80	23.75
20	15.00	16.00	17.00	18.00	19.00	20.00	21.00	22.00	23.00	24.00	25.00
21	15.75	16.80	17.85	18.90	19.95	21.00	22.05	23.10	24.15	25.20	26.25
22	16.50	17.60	18.70	19.80	20.90	22.00	23.10	24.20	25.30	26.40	27.50
23	17.25	18.40	19.55	20.70	21.85	23.00	24.15	25.30	26.45	27.60	28.75
24	18.00	19.20	20.40	21.60	22.80	24.00	25.20	26.40	27.60	28.80	30.00
25	18.75	20.00	21.25	22.50	23.75	25.00	26.25	27.50	28.75	30.00	31.25
26	19.50	20.80	22.10	23.40	24.70	26.00	27.30	28.60	29.90	31.20	32.50
27	20.25	21.60	22.95	24.30	25.65	27.00	28.35	29.70	31.05	32.40	33.75
28	21.00	22.40	23.80	25.20	26.60	28.00	29.40	30.80	32.20	33.60	35.00
29	21.75	23.20	24.65	26.10	27.55	29.00	30.45	31.90	33.35	34.80	36.25
30	22.50	24.00	25.50	27.00	28.50	30.00	31.50	33.00	34.50	36.00	37.50
31	23.25	24.80	26.35	27.90	29.45	31.00	32.55	34.10	35.65	37.20	38.75
32	24.00	25.60	27.20	28.80	30.40	32.00	33.60	35.20	36.80	38.40	40.00
33	24.75	26.40	28.05	29.70	31.35	33.00	34.65	36.30	37.95	39.60	41.25
34	25.50	27.20	28.90	30.60	32.30	34.00	35.70	37.40	39.10	40.80	42.50
35	26.25	28.00	29.75	31.50	33.25	35.00	36.75	38.50	40.25	42.00	43.75
36	27.00	28.80	30.60	32.40	34.20	36.00	37.80	39.60	41.40	43.20	45.00
37	27.75	29.60	31.45	33.30	35.15	37.00	38.85	40.70	42.55	44.40	46.25
38	28.50	30.40	32.30	34.20	36.10	38.00	39.90	41.80	43.70	45.60	47.50
39	—	31.20	33.15	35.10	37.05	39.00	40.95	42.90	44.85	46.80	48.75
40	—	—	34.00	36.00	38.00	40.00	42.00	44.00	46.00	48.00	50.00