

Section 4: Actuarial Valuation Basis

Exhibit 3: Member contribution rates

General Tier 1 Members' Contribution Rates (**Refundable** Basis)
(as a % of Monthly Payroll)

Entry Age	Basic	Total	Entry Age	Basic	Total
16	7.28%	8.79%	36	10.18%	12.32%
17	7.40%	8.94%	37	10.37%	12.55%
18	7.53%	9.10%	38	10.56%	12.78%
19	7.65%	9.24%	39	10.76%	13.02%
20	7.78%	9.40%	40	10.97%	13.28%
21	7.91%	9.56%	41	11.18%	13.54%
22	8.04%	9.72%	42	11.39%	13.79%
23	8.17%	9.88%	43	11.59%	14.03%
24	8.31%	10.05%	44	11.78%	14.26%
25	8.45%	10.22%	45	11.93%	14.45%
26	8.59%	10.39%	46	12.03%	14.57%
27	8.73%	10.56%	47	12.12%	14.68%
28	8.88%	10.74%	48	12.22%	14.80%
29	9.03%	10.92%	49	12.30%	14.90%
30	9.18%	11.10%	50	12.35%	14.96%
31	9.34%	11.30%	51	12.38%	14.99%
32	9.50%	11.49%	52	12.38%	14.99%
33	9.66%	11.69%	53	12.21%	14.79%
34	9.83%	11.89%	54 and over	12.13%	14.69%
35	10.01%	12.11%			

Interest:	7.25% per annum
COLA:	2.00%
Administrative Expense:	0.26% of payroll added to basic rates
Mortality:	See <i>Section 4, Exhibit 1</i>
Salary Increase:	Inflation (2.50%) + "across-the-board" (0.50%) + merit and promotion (See <i>Section 4, Exhibit 1</i>)
COLA Loading Factor:	21.57% applied to basic rates prior to adjustment for administrative expenses

Note: These rates are determined before any pickups by the employer, if any.

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General Tier 1 Members' Contribution Rates (Nonrefundable Basis) (as a % of Monthly Payroll)

Entry Age	Basic	Total	Entry Age	Basic	Total
16	7.07%	8.53%	36	9.88%	11.96%
17	7.18%	8.68%	37	10.07%	12.18%
18	7.31%	8.83%	38	10.25%	12.41%
19	7.43%	8.97%	39	10.45%	12.64%
20	7.55%	9.13%	40	10.65%	12.89%
21	7.68%	9.28%	41	10.85%	13.15%
22	7.81%	9.44%	42	11.06%	13.39%
23	7.93%	9.59%	43	11.25%	13.62%
24	8.07%	9.76%	44	11.44%	13.84%
25	8.20%	9.92%	45	11.58%	14.03%
26	8.34%	10.09%	46	11.68%	14.15%
27	8.48%	10.25%	47	11.77%	14.25%
28	8.62%	10.43%	48	11.86%	14.37%
29	8.77%	10.60%	49	11.94%	14.47%
30	8.91%	10.78%	50	11.99%	14.52%
31	9.07%	10.97%	51	12.02%	14.55%
32	9.22%	11.16%	52	12.02%	14.55%
33	9.38%	11.35%	53	11.85%	14.36%
34	9.54%	11.54%	54 and over	11.78%	14.26%
35	9.72%	11.76%			

Interest:	7.25% per annum
COLA:	2.00%
Administrative Expense:	0.26% of payroll added to basic rates
Mortality:	See <i>Section 4, Exhibit 1</i>
Salary Increase:	Inflation (2.50%) + "across-the-board" (0.50%) + merit and promotion (See <i>Section 4, Exhibit 1</i>)
COLA Loading Factor:	21.57% applied to basic rates prior to adjustment for administrative expenses
Refundability Factor:	1.03

Note: These rates are determined before any pickups by the employer, if any.

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Safety Tier 1 Members' Contribution Rates (**Refundable** Basis) (as a % of Monthly Payroll)

Entry Age	Basic	Total	Entry Age	Basic	Total
16	8.92%	12.35%	36	11.95%	16.58%
17	9.05%	12.53%	37	12.15%	16.86%
18	9.17%	12.70%	38	12.35%	17.14%
19	9.30%	12.88%	39	12.50%	17.35%
20	9.43%	13.06%	40	12.59%	17.47%
21	9.56%	13.24%	41	12.64%	17.54%
22	9.70%	13.44%	42	12.68%	17.60%
23	9.83%	13.62%	43	12.72%	17.65%
24	9.97%	13.81%	44	12.75%	17.69%
25	10.12%	14.02%	45	12.80%	17.76%
26	10.26%	14.22%	46	12.84%	17.82%
27	10.41%	14.43%	47	12.91%	17.92%
28	10.56%	14.64%	48	12.88%	17.88%
29	10.72%	14.86%	49 and over	12.62%	17.51%
30	10.88%	15.08%			
31	11.04%	15.31%			
32	11.21%	15.55%			
33	11.39%	15.80%			
34	11.57%	16.05%			
35	11.76%	16.31%			

Interest: 7.25% per annum
 COLA: 2.00%
 Administrative Expense: 0.26% of payroll added to basic rates
 Mortality: See *Section 4, Exhibit 1*
 Salary Increase: Inflation (2.50%) + "across-the-board" (0.50%) + merit and promotion (See *Section 4, Exhibit 1*)
 COLA Loading Factor: 39.59% applied to basic rates prior to adjustment for administrative expenses

Note: These rates are determined before any pickups by the employer, if any.

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Safety Tier 1 Members' Contribution Rates (Nonrefundable Basis) (as a % of Monthly Payroll)

Entry Age	Basic	Total	Entry Age	Basic	Total
16	8.83%	12.23%	36	11.83%	16.42%
17	8.96%	12.41%	37	12.03%	16.69%
18	9.08%	12.57%	38	12.23%	16.97%
19	9.21%	12.75%	39	12.38%	17.18%
20	9.34%	12.93%	40	12.47%	17.30%
21	9.47%	13.11%	41	12.51%	17.37%
22	9.60%	13.31%	42	12.55%	17.43%
23	9.73%	13.49%	43	12.59%	17.48%
24	9.87%	13.67%	44	12.62%	17.51%
25	10.02%	13.88%	45	12.67%	17.58%
26	10.16%	14.08%	46	12.71%	17.64%
27	10.31%	14.29%	47	12.78%	17.74%
28	10.46%	14.50%	48	12.75%	17.70%
29	10.61%	14.71%	49 and over	12.50%	17.34%
30	10.77%	14.93%			
31	10.93%	15.16%			
32	11.10%	15.40%			
33	11.28%	15.64%			
34	11.46%	15.89%			
35	11.64%	16.15%			

Interest:	7.25% per annum
COLA:	2.00%
Administrative Expense:	0.26% of payroll added to basic rates
Mortality:	See <i>Section 4, Exhibit 1</i>
Salary Increase:	Inflation (2.50%) + "across-the-board" (0.50%) + merit and promotion (See <i>Section 4, Exhibit 1</i>)
COLA Loading Factor:	39.59% applied to basic rates prior to adjustment for administrative expenses
Refundability Factor:	1.01

Note: These rates are determined before any pickups by the employer, if any.

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Tier 2 Members' Contribution Rates (**Refundable** Basis) *(as a % of Monthly Payroll)*

All Entry Ages	Basic	COLA	Total
County General and Superior Court	7.20%	1.53%	8.73%
Safety	11.62%	3.07%	14.69%
SCAQMD	6.35%	1.37%	7.72%
SBCTA	7.45%	1.56%	9.01%
CSAC	7.05%	1.49%	8.54%
Other General	6.85%	1.46%	8.31%

Note: The Tier 2 member contribution rate is 50% of the normal cost rate. The basic rates shown above also include an administrative expense load of 0.26% of payroll.