

**Safety Tier 2 Members' Contribution Rates from the June 30, 2018 Actuarial Valuation**

Entry Age	Basic Only		COLA Only		Total	
	First \$350	Over \$350	First \$350	Over \$350	First \$350	Over \$350
15	3.20%	4.71%	3.60%	5.40%	6.80%	10.11%
16	3.20%	4.71%	3.60%	5.40%	6.80%	10.11%
17	3.23%	4.77%	3.65%	5.47%	6.88%	10.24%
18	3.27%	4.82%	3.69%	5.53%	6.96%	10.35%
19	3.31%	4.88%	3.73%	5.60%	7.04%	10.48%
20	3.34%	4.93%	3.77%	5.66%	7.11%	10.59%
21	3.38%	4.99%	3.82%	5.73%	7.20%	10.72%
22	3.42%	5.05%	3.87%	5.80%	7.29%	10.85%
23	3.46%	5.11%	3.91%	5.87%	7.37%	10.98%
24	3.50%	5.17%	3.96%	5.94%	7.46%	11.11%
25	3.54%	5.23%	4.01%	6.01%	7.55%	11.24%
26	3.58%	5.29%	4.05%	6.08%	7.63%	11.37%
27	3.62%	5.35%	4.11%	6.16%	7.73%	11.51%
28	3.67%	5.42%	4.16%	6.24%	7.83%	11.66%
29	3.71%	5.48%	4.21%	6.31%	7.92%	11.79%
30	3.75%	5.55%	4.26%	6.39%	8.01%	11.94%
31	3.80%	5.62%	4.32%	6.48%	8.12%	12.10%
32	3.85%	5.69%	4.37%	6.56%	8.22%	12.25%
33	3.90%	5.77%	4.43%	6.65%	8.33%	12.42%
34	3.95%	5.84%	4.49%	6.74%	8.44%	12.58%
35	4.00%	5.93%	4.56%	6.84%	8.56%	12.77%
36	4.06%	6.01%	4.63%	6.94%	8.69%	12.95%
37	4.12%	6.10%	4.70%	7.05%	8.82%	13.15%
38	4.18%	6.20%	4.77%	7.16%	8.95%	13.36%
39	4.25%	6.30%	4.85%	7.28%	9.10%	13.58%
40	4.33%	6.42%	4.95%	7.42%	9.28%	13.84%
41	4.42%	6.55%	5.05%	7.57%	9.47%	14.12%
42	4.46%	6.61%	5.10%	7.65%	9.56%	14.26%
43	4.50%	6.66%	5.14%	7.71%	9.64%	14.37%
44	4.52%	6.70%	5.17%	7.75%	9.69%	14.45%
45	4.50%	6.67%	5.15%	7.73%	9.65%	14.40%
46	4.47%	6.63%	5.12%	7.68%	9.59%	14.31%
47	4.45%	6.60%	5.09%	7.64%	9.54%	14.24%
48	4.39%	6.51%	5.02%	7.53%	9.41%	14.04%
49 & Over	4.31%	6.38%	4.92%	7.38%	9.23%	13.76%

Effective Date	First payperiod that contains July 1	County PPB July 1, 2019
Employer Rate	83.81% Three-year phase in rate	
Average Member Rate	11.64%	
Interest	7.00% per annum	
COLA	3.00%	
Administrative Expense	0.16% of payroll added to Basic Regular Rates	
Mortality	Headcount-Weighted RP-2014 Healthy Annuitant Mortality Table projected 20 years with the two-dimensional scale MP2015D, set back two years, weighted 80% male and 20% female	
Salary Increase	Inflation (3.00%) + Across-the-Board Increase (0.50%) + Merit	
COLA Loading Factor	118.61% for Regular Benefits, applied to Basic rates prior to adjustment for administrative expenses	

<b>Employer Rates</b>	<b>Basic</b>	<b>45.31%</b>
	<b>COLA</b>	<b>31.57%</b>
	<b>Supplemental</b>	<b>6.93%</b>
	<b>Total</b>	<b>83.81%</b>