

Safety Tier 1 Members' Contribution Rates from the June 30, 2018 Actuarial Valuation

Entry Age	Basic Only		COLA Only		Settlement Basic Only		Settlement COLA Only		Total	
	First \$350	Over \$350	First \$350	Over \$350	First \$350	Over \$350	First \$350	Over \$350	First \$350	Over \$350
15	3.20%	4.71%	3.30%	4.95%	0.76%	1.14%	0.75%	1.13%	8.01%	11.93%
16	3.20%	4.71%	3.30%	4.95%	0.76%	1.14%	0.75%	1.13%	8.01%	11.93%
17	3.23%	4.77%	3.34%	5.01%	0.77%	1.15%	0.76%	1.14%	8.10%	12.07%
18	3.27%	4.82%	3.38%	5.07%	0.78%	1.17%	0.77%	1.16%	8.20%	12.22%
19	3.31%	4.88%	3.42%	5.13%	0.79%	1.18%	0.78%	1.17%	8.30%	12.36%
20	3.34%	4.93%	3.46%	5.19%	0.80%	1.20%	0.79%	1.19%	8.39%	12.51%
21	3.38%	4.99%	3.50%	5.25%	0.81%	1.21%	0.80%	1.20%	8.49%	12.65%
22	3.42%	5.05%	3.54%	5.31%	0.81%	1.22%	0.81%	1.21%	8.58%	12.79%
23	3.46%	5.11%	3.59%	5.38%	0.82%	1.23%	0.81%	1.22%	8.68%	12.94%
24	3.50%	5.17%	3.63%	5.44%	0.83%	1.25%	0.83%	1.24%	8.79%	13.10%
25	3.54%	5.23%	3.67%	5.51%	0.85%	1.27%	0.84%	1.26%	8.90%	13.27%
26	3.58%	5.29%	3.72%	5.58%	0.85%	1.28%	0.85%	1.27%	9.00%	13.42%
27	3.62%	5.35%	3.77%	5.65%	0.87%	1.30%	0.86%	1.29%	9.12%	13.59%
28	3.67%	5.42%	3.81%	5.72%	0.87%	1.31%	0.87%	1.30%	9.22%	13.75%
29	3.71%	5.48%	3.86%	5.79%	0.89%	1.33%	0.88%	1.32%	9.34%	13.92%
30	3.75%	5.55%	3.91%	5.86%	0.90%	1.35%	0.89%	1.34%	9.45%	14.10%
31	3.80%	5.62%	3.96%	5.94%	0.91%	1.37%	0.91%	1.36%	9.58%	14.29%
32	3.85%	5.69%	4.01%	6.02%	0.93%	1.39%	0.92%	1.38%	9.71%	14.48%
33	3.90%	5.77%	4.07%	6.10%	0.93%	1.40%	0.93%	1.39%	9.83%	14.66%
34	3.95%	5.84%	4.12%	6.18%	0.95%	1.43%	0.95%	1.42%	9.97%	14.87%
35	4.00%	5.93%	4.18%	6.27%	0.96%	1.44%	0.95%	1.43%	10.09%	15.07%
36	4.06%	6.01%	4.24%	6.36%	0.97%	1.46%	0.97%	1.45%	10.24%	15.28%
37	4.12%	6.10%	4.31%	6.46%	0.99%	1.49%	0.99%	1.48%	10.41%	15.53%
38	4.18%	6.20%	4.37%	6.56%	1.01%	1.51%	1.00%	1.50%	10.56%	15.77%
39	4.25%	6.30%	4.45%	6.68%	1.03%	1.54%	1.01%	1.52%	10.74%	16.04%
40	4.33%	6.42%	4.53%	6.80%	1.04%	1.56%	1.03%	1.54%	10.93%	16.32%
41	4.42%	6.55%	4.63%	6.94%	1.06%	1.59%	1.05%	1.57%	11.16%	16.65%
42	4.46%	6.61%	4.67%	7.01%	1.08%	1.62%	1.07%	1.60%	11.28%	16.84%
43	4.50%	6.66%	4.71%	7.07%	1.09%	1.63%	1.07%	1.61%	11.37%	16.97%
44	4.52%	6.70%	4.74%	7.11%	1.09%	1.63%	1.07%	1.61%	11.42%	17.05%
45	4.50%	6.67%	4.72%	7.08%	1.09%	1.63%	1.07%	1.61%	11.38%	16.99%
46	4.47%	6.63%	4.69%	7.03%	1.08%	1.62%	1.07%	1.60%	11.31%	16.88%
47	4.45%	6.60%	4.67%	7.00%	1.07%	1.61%	1.06%	1.59%	11.25%	16.80%
48	4.39%	6.51%	4.60%	6.90%	1.05%	1.58%	1.04%	1.56%	11.08%	16.55%
49 & Over	4.31%	6.38%	4.51%	6.76%	1.03%	1.55%	1.02%	1.53%	10.87%	16.22%

Effective Date	First payperiod that contains July 1	County PPB July 1, 2019
Employer Rate	83.37% Three-year phase in rate	
Average Member Rate	13.31%	
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	108.71% for Regular Benefits, applied to Basic rates prior to adjustment for administrative expenses, and 99.01% for Settlement Benefits	

Employer Rates	Basic	40.64%
	COLA	30.33%
	Supplemental	12.40%
	Total	83.37%