

**Probability of Large Year to Year Changes in Employer Contribution Rate**

The tables below compare the probability of the employer contribution rate having a year to year increase greater than the given percentage in any year over the next 30 years. The results are based on 1,500 projections for 50 years using randomly simulated investment returns. Projections include impact of changes due to the PEPRA reform law. Data is as of June 30, 2011.

**State Miscellaneous**

<b>Method</b>	<b>Probability of Rate Increase Greater Than 3%</b>	<b>Probability of Rate Increase Greater Than 5%</b>	<b>Probability of Rate Increase Greater Than 7%</b>
Current Method	82%	59%	29%
Method 2	79%	55%	27%
Method 3	48%	4%	0%
Method 4	51%	4%	0%
Method 5	62%	8%	1%

**Schools Pool**

<b>Method</b>	<b>Probability of Rate Increase Greater Than 3%</b>	<b>Probability of Rate Increase Greater Than 5%</b>	<b>Probability of Rate Increase Greater Than 7%</b>
Current Method	78%	43%	15%
Method 2	73%	40%	14%
Method 3	26%	2%	0%
Method 4	28%	2%	0%
Method 5	40%	2%	0%

**Sample Public Agency Miscellaneous Plan**

<b>Method</b>	<b>Probability of Rate Increase Greater Than 3%</b>	<b>Probability of Rate Increase Greater Than 5%</b>	<b>Probability of Rate Increase Greater Than 7%</b>
Current Method	78%	47%	19%
Method 2	74%	44%	18%
Method 3	32%	2%	0%
Method 4	35%	2%	0%
Method 5	45%	4%	0%

**Probability of Large Year to Year Changes in Employer Contribution Rate**

The tables below compare the probability of the employer contribution rate having a year to year increase greater than the given percentage in any year over the next 30 years. The results are based on 1,500 projections for 50 years using randomly simulated investment returns. Projections include impact of changes due to the PEPRA reform law. Data is as of June 30, 2011.

**CHP**

<b>Method</b>	<b>Probability of Rate Increase Greater Than 5%</b>	<b>Probability of Rate Increase Greater Than 7%</b>	<b>Probability of Rate Increase Greater Than 9%</b>
Current Method	80%	62%	41%
Method 2	75%	58%	39%
Method 3	40%	9%	2%
Method 4	42%	10%	3%
Method 5	52%	14%	4%

**POFF**

<b>Method</b>	<b>Probability of Rate Increase Greater Than 5%</b>	<b>Probability of Rate Increase Greater Than 7%</b>	<b>Probability of Rate Increase Greater Than 9%</b>
Current Method	73%	52%	31%
Method 2	69%	51%	30%
Method 3	26%	6%	1%
Method 4	28%	6%	2%
Method 5	38%	9%	2%

**Sample Public Agency Safety Plan**

<b>Method</b>	<b>Probability of Rate Increase Greater Than 5%</b>	<b>Probability of Rate Increase Greater Than 7%</b>	<b>Probability of Rate Increase Greater Than 9%</b>
Current Method	79%	62%	41%
Method 2	75%	58%	40%
Method 3	33%	7%	2%
Method 4	36%	8%	2%
Method 5	44%	11%	3%