

Probability of High Levels of Employer Contribution Rates

The tables below compare the probability of the employer contribution rate being above 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

Method	Probability of Employer Rate above 30%	Probability of Employer Rate above 35%	Probability of Employer Rate above 40%
Current Method	57%	33%	13%
Method 2	64%	42%	21%
Method 3	69%	45%	24%
Method 4	69%	45%	24%
Method 5	73%	53%	31%

Schools Pool

Method	Probability of Employer Rate above 30%	Probability of Employer Rate above 35%	Probability of Employer Rate above 40%
Current Method	11%	1%	0%
Method 2	21%	7%	1%
Method 3	24%	9%	1%
Method 4	24%	9%	1%
Method 5	31%	15%	4%

Sample Public Agency Miscellaneous Plan

Method	Probability of Employer Rate above 30%	Probability of Employer Rate above 35%	Probability of Employer Rate above 40%
Current Method	24%	6%	1%
Method 2	33%	14%	4%
Method 3	36%	16%	4%
Method 4	37%	16%	4%
Method 5	45%	23%	10%

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CHP

Method	Probability of Employer Rate above 50%	Probability of Employer Rate above 55%	Probability of Employer Rate above 60%
Current Method	47%	31%	17%
Method 2	55%	40%	27%
Method 3	60%	43%	30%
Method 4	60%	43%	30%
Method 5	66%	51%	38%

POFF

Method	Probability of Employer Rate above 50%	Probability of Employer Rate above 55%	Probability of Employer Rate above 60%
Current Method	18%	8%	2%
Method 2	34%	21%	12%
Method 3	37%	23%	14%
Method 4	37%	23%	14%
Method 5	43%	30%	19%

Sample Public Agency Safety Plan

Method	Probability of Employer Rate above 50%	Probability of Employer Rate above 55%	Probability of Employer Rate above 60%
Current Method	30%	16%	7%
Method 2	41%	26%	16%
Method 3	44%	30%	18%
Method 4	44%	30%	18%
Method 5	51%	38%	25%