## **Scenario 1 - Consistently Low Cost Employer**

Scenario	claims costs.
Assumptions	Category Average Rate is \$1.00 throughout the period. Assessable Payroll is \$2,500,000 in Year 1 increasing 4% per year thereafter. Experience Factor is 30%
	Experience ractor is 50%

Outcomes Annual premium slowly rises by 4%

per year in lock step with payroll

Individual firm target rate is \$0.00

increase.

Total 12-year premium is

\$225,387 under current model and \$300,516 under new model.

**Explanation** Employer is consistently at the lower

boundary of the risk category range in both models. The lower boundary

IS

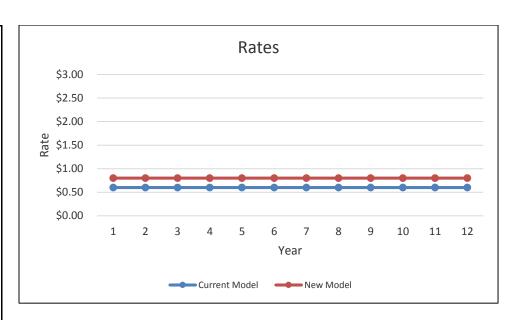
40% below average (\$0.60) in the

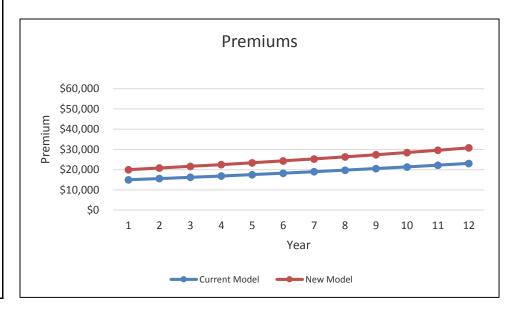
current model and

20% below average (\$0.80) in the

new model.

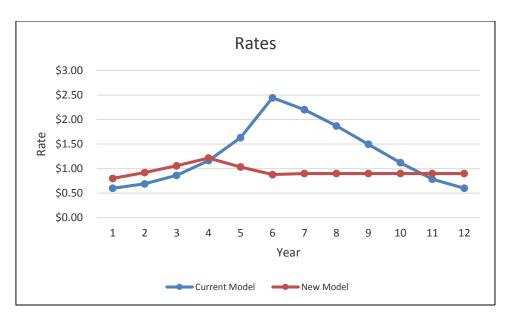
Employer pays more under the new model for better protection against extreme increases if and when a costly claim is incurred.

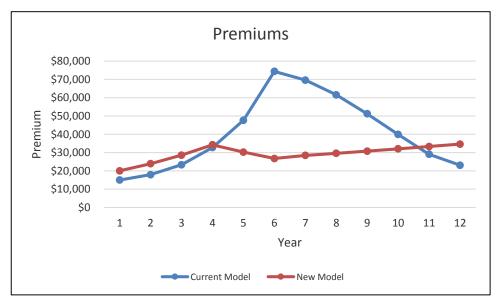




## Scenario 2 - Low Cost Employer with High Claims Costs Ongoing for 5 Years

Scenario	Employer with low claims costs
	experiences high claims costs for 5
	years (generally one claim).
Assumptions	Category Average Rate is \$1.00
	throughout the period.
	Assessable Payroll is \$2,500,000 in
	Year 1 increasing 4% per year
	thereafter.
	Experience Factor is 30%
	Individual firm target rate is \$3.00
Outcomes	Annual premium moderately rises
	for 3 years and then starts to decline
	until the lower boundary of the risk
	category is reached. It then slowly
	rises by 4% per year in lock step with
	payroll increase.
	Total 12-year premium is
	\$485,509 under current model and
	\$352,567 under new model.
Explanation	Employer is protected from an
-	extreme increase that can arise from
	one high cost claim. The maximum
	rate increase per year
	Increases each year up to 5 years in
	the current model and
	Limited to 15% in the new model
	Employer is protected from extreme
	increases if and when a costly claim
	is incurred.





## Scenario 3 - High Cost Employer with Consistently Poor Cost Experience

**Scenario** Employer has consistently above

average claims costs

**Assumptions** Category Average Rate is \$1.00

throughout the period.

Assessable Payroll is \$2,500,000 in Year 1 increasing 4% per year thereafter.

Experience Factor is 30%

Individual firm target rate is \$3.00

Outcomes Annual premium moderately rises until

the upper boundary of the risk category range is reached, then slowly rises by 4% per year in lock step with payroll

increase.

Total 12-year premium is

\$837,172 under current model and

\$532,045 under new model.

**Explanation** Employer's rate increases until it

reaches the upper boundary of the risk category range in both models. The

upper boundary is

200% above average (\$3.00) in the

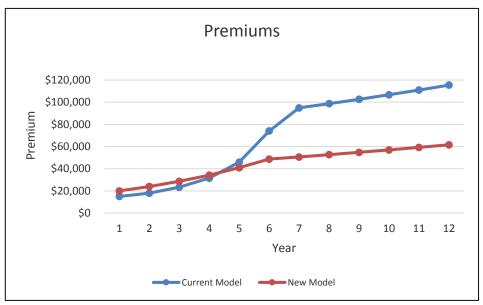
current model and

60% above average (\$1.60) in the new

model.

Employer pays more under the new model for a lower maximum rate if an employer has consistently poor cost experience.





## Scenario 4 - Low Cost Employer with High Claims Costs all in One Year

**Scenario** Employer with low claims costs

experiences one year with high claims

costs.

**Assumptions** Category Average Rate is \$1.00

throughout the period.

Assessable Payroll is \$2,500,000 in Year

 ${\bf 1}$  increasing 4% per year thereafter.

Experience Factor is 30%

Individual firm target rate is \$1.50

**Outcomes** Annual premium rises for 3 years then

decreases until the lower boundary of the risk category range is reached. It

then slowly rises by 4% per year in lock

step with payroll increase. Total 12-year premium is

\$228,268 under current model and

\$322,997 under new model.

**Explanation** Employer's one year of high claims costs

will impact its rate for 3 years. The

experience period is

1 year of claims costs on 5 years of claims in the current model and

3 years of claims costs on 3 years of claims in the new model.

Short duration claims can impact an employer's rate for up to 3 years. Claims that last longer than 3 years will not impact an employer's rate after the 3<sup>rd</sup> year.

