

PENNSYLVANIA COMPENSATION RATING BUREAU  
F CLASS FILING

Expense Loading

This exhibit details the development of the permissible loss, loss adjustment and fixed expense ratio. Expenses prior to trending are from the Expense Study. Fixed expenses are trended as noted. Trended loss, loss adjustment and fixed expenses are then adjusted by the overall indicated change in collectible premium level to arrive at the final proposed provisions in the third column. Variable expenses vary with premium level and therefore the variable expense ratios are unaffected by the overall change in premium level. The profit provision is computed through an internal rate of return model.

Results of the Bureau's analysis of the minimum premium formula and expense constant are shown at the bottom of the exhibit.

## EXPENSE LOADING

	<u>Expenses Prior to Trending</u>	<u>Expenses After Trending</u>	<u>Proposed Provision</u>
Losses		58.93	60.13
Loss Adjustment Expense (c)		8.62	8.79
<b>Loss &amp; Loss Adjustment</b>		<b>67.55</b>	<b>68.92</b>
Security Fund	0.00	0.00 (a)	0.00
General Expenses	3.09	2.86 (b)	2.91
Other Acquisition	2.65	2.45 (b)	2.50
<b>Fixed Expense Total</b>	<b>5.74</b>	<b>5.31</b>	<b>5.41</b>
Premium Discount	7.95	7.95	7.95
Commission	4.73	4.73	4.73
Taxes	2.36	2.36	2.36
Uncollectible Premium	0.50	0.50	0.50
Federal Assessment (d)		9.86	10.06
Combined Profit & Contingencies			0.07
<b>Variable Expense Total</b>			<b>25.67</b>
<b>Permissible Loss, Loss Adjustment and Fixed Expense Ratio</b>			<b>74.33</b>
Fixed Expense Trend Factor		0.0237	
Payroll Trend Factor		0.0407	
a) $[1/(1+\text{Payroll Trend})]^{1.7500} =$		0.9326	
b) $[(1+\text{Fixed Expense Trend})/(1+\text{Payroll Trend})]^{4.7500} =$		0.9247	
c) 14.62% of Losses			
d) 16.74% of Losses			

### MINIMUM PREMIUM:

It is proposed that the Minimum Premium formula be revised from  $(215 * \text{Rate}) + \text{Expense Constant}$  to

$$(235 * \text{Rate}) + \text{Expense Constant}$$

It is proposed that the Minimum Premium be subject to a Maximum Minimum Premium of \$3650.

### EXPENSE CONSTANT:

It is proposed that the Expense Constant increase from \$270 to \$295.