## Chapter 17 - Unallocated Loss Adjustment Expenses XYZ Insurer - Classical Technique Development of Unpaid ULAE

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			Ratio of
Calendar	Paid	Paid	Paid ULAE to
Year	ULAE	Claims	Paid Claims
(1)	(2)	(3)	(4)
2004	14,352,000	333,000,000	0.043
2005	15,321,000	358,000,000	0.043
2006	16,870,000	334,000,000	0.051
2007	17,112,000	347,000,000	0.049
2008	17,331,000	391,000,000	0.044
Total	80,986,000	1,763,000,000	0.046
(5) Selected ULAE Ratio			0.045
(6) Case Outstanding at 12/31/08			603,000,000
(7) Total IBNR at 12/31/08			316,000,000
(8) Pure IBNR at 12/31/08			19,000,000
(9) Estimated Unpaid ULAE at 12/31/08			27,787,500
Using To	tal IBNR		
(10) Estimated Unpaid ULAE at 12/31/08			21,105,000
Using Pu	re IBNR		

## Column and Line Notes:

- (2) and (3) Based on data from XYZ Insurer.
- (4) = [(2) / (3)].
- (5) Selected based on ULAE ratios in (4).
- (6) Based on data from XYZ Insurer.
- (7) Based on actuarial analysis at 12/31/08 for all lines combined.
- (8) Estimated assuming pure IBNR is equal to 5% of accident year 2008 ultimate claims. Ultimate claims for all lines combined for accident year 2008 are \$380 million for XYZ Insurer.
- $(9) = \{ [(5) \times 50\% \times (6)] + [(5) \times 100\% \times (7)] \}.$
- $(10) = \{ [(5) \times 50\% \times ((6) + (7) (8))] + [(5) \times 100\% \times (8)] \}.$