INTRODUCTION TO REINSURANCE RECONCILIATION OF ESTIMATES





Reconc	iliation of Est	imates	3
➤Goal - determination	of a final estin	nate	
Recap of results	Ultimate Loss & ALAE	Excess <u>Severity</u>	Expected Counts
 Exposure Estimate 	1.60	82.1	20
 Classical Burning Cost 	0.70	68.4	10
 Freq/Severity-Industry 	1.04	69.5	15
 Experience Estimate 	0.87	67.7	12.5
Wide range of results betwee	n experience and ex	posure	
 Severity relatively flat 			
 Variation in expected count 	s/losses		
			Endurance Your Risk is Our FOCUS

	Expe	erience Bas	Rating sed Me	g - Fre thod	quency	4
(1)	(2)	(3)	(4)	(5)	(6)	(7)
		Actual #>	_	Claim		5
Assidant	Detrended	Detrended	Frequency	Count	Adjustment	Projected
Accident	Data	Data	Irend	Devt	for Growth	# of Claims
Year		Limit	@ 2%	Factors	In Premium	
	6.0%					[3X4X5X6]
2006	74,726	3.0	1.104	1.125	2.960	11.0
2007	79,209	6.0	1.082	1.238	2.162	17.4
2008	83,962	7.0	1.061	1.671	1.684	20.9
2009	89,000	3.0	1.040	2.506	1.509	11.8
2010	94,340	2.0	1.020	6.265	1.270	16.2
Total All vrs		21.0				77.3
Total 06-09		19.0				61.1
Rate Year 2011	100,000					15.00













	R	econcili	ation of Es	stimates		11
		Re	ecap of Results			
	ı	JItimate	Exp Counts	ALAE	Implied	
	L <u>os</u>	s & ALAE	<u>>100k</u>	<u>Load</u>	<u>XS L/R</u>	
Expos	ure	1.60	20	21%	50.0%	
Burnir	ng Cost	0.70	10	8.5%	21.9%	
Freque (Indus	ency/Severity stry)	1.04	15	7.5%	32.6%	
Experi	ence	0.87	12.5	8.0%	27.2%	
					YOUR RISK IS OUR F	ance

Experience Indications (burnin	g cost)	
 Selected 	700	1.85%
 Alternate Sel. 	925	Years Wtd
 ALAE Differences 	103	20% vs 8%
 Revised Selection 	1,028	2.55 %
>Experience Indications (Frq/ Se	ev)	
 Selected 	1,040	2.6%
 Alter Selection 	1,020	Yrs Wtd
 ALAE Differences 	119	20% vs 7.5%
 Revised Selection 	1,139	2.85%
Final Selection	1,100	2.75%

► Goal - Move expected ultimate losses	s to similar base	
>Exposure Indications		
Selected	1,568	3.9%
 Alter Selection Table 1 	1,086	higher %
 ALAE Differences 	(26)	20% v. 23%
 Revised Selection 	1,060	2.65%
➤Experience Indications (Selected)		
 Revised Selection 	1,100	2.75%
- implied loss ratio for layer	33.1%	
>Are these assumptions appropriate 3	2	
Are you fooling yourself ? / Does t	his make sense	?





