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1 

Title Insurance Loss Reserving
Historical Results and Emerging Trends

2010 Casualty Loss Reserve Seminar

Presented by
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September 20, 2010



Outline of Presentation

1. Loss Reserving Framework
2. Current and Recent Environment
3. Adverse Loss Development
4. Title Insurance Loss Trends

3 

1) Reserving Framework - U.S. Statutory

A. Actuarial Reserves

- 1) Annual Statement Schedule P
- 2) Statement of Actuarial Opinion
- 3) No AOS Required

B. Statutory Reserves

C. Comparison of Statutory and Actuarial Reserves

- 1) Statutory Reserves cannot be less than the Actuarial Reserves

4 September 19, 2008



Actuarial (Schedule P) Reserves

a) Form 9 = Statutory Annual Statement

b) Schedule P

- i. By Policy Year (20 years)
- ii. By Report Year

c) Statement of Actuarial Opinion

d) Opine on total Schedule P reserve (i.e., PY analysis)

- i. Case + Bulk + IBNR + ULAE
- ii. Net of reinsurance only (this will likely be changing in 2011)
- iii. RMAD with respect to Schedule P reserves

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Statutory (Balance Sheet) Reserves

a) Known Claims Reserve =

- i. Case reserves
- ii. Bulk reserves (if any)

b) Statutory Premium Reserve (SPR) = "Unknown" Claims

- i. SPR = Unearned Premium Reserve
- ii. Formula = Amount & Take-down Pattern
- iii. Example:
 - i. Add - \$0.15 per \$1,000 of Insured Liability
 - ii. Take-down - 5% per year for 20 years

c) Supplemental Reserve (if any)

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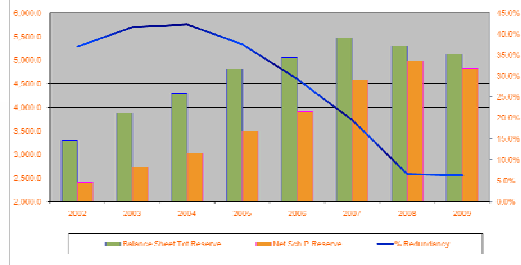
Supplemental Reserve Needed?

- a) Compare total Schedule P reserves against sum of Known Claims Reserve + SPR
- b) If $KCR+SPR > \text{Schedule P}$, book $KCR+SPR$
- c) If $\text{Schedule P} > KCR+SPR$, book $KCR, SPR + \text{Supplemental Reserve}$
 - i. Supplemental = Excess of Actuarial over Statutory reserves
 - ii. Supplemental reserves are NOT tax-deductible

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Statutory Reserves – Shrinking Redundancy Title Industry Reserve Comparison (Amounts in \$Millions)



8



2) Recent and Current Environment

- A. Real Estate Environment / Credit Market
- B. Impact on Claims

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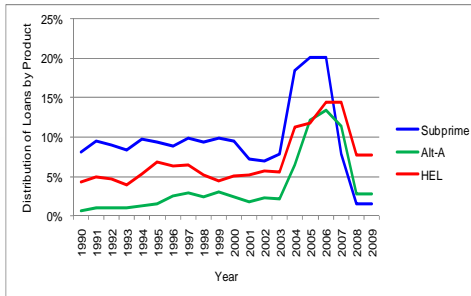
Real Estate Environment / Credit Market

- 2001-03:
 - Low, low mortgage rates
 - Record homes sales & refinance activity
 - Annual, double-digit increases in property values
 - Huge growth in title insurance premium volume; few losses
- 2004-2007:
 - Credit markets loosening – more sub-prime, alt-A loans
 - Adjustable mortgages with low initial rates, resets
 - No income, job verification
 - Loans in excess of property value
- In this environment, people can still borrow their way out of trouble (or sell their homes)

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Distribution of Mortgage Volume by Product



11



Real Estate Environment / Credit Market (continued)

- 2007 – credit markets tighten
- 2008 – credit markets freeze
 - Plummeting real estate sales
 - Declining home prices
 - Owners unable to borrow (or sell) their way out of trouble
 - Increasing delinquencies, defaults
 - Spike in foreclosures
 - More lenders find themselves with financial losses
- Title insurance claims come out of the woodwork

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Impact on Claims

- Foreclosure searches trigger wave of reported claims
 - Surge in reported claim frequency
 - Possibly higher % close no pay
- Mortgage fraud on the rise
 - What is the title agents role/responsibility?
- Large defalcations
 - Emerge as business volumes drop off
- Claims not brought in a rising housing market, but are an issue in a declining one
- Much Higher frequency
 - Policy Years 2005 – 2007 in particular

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3) Adverse Loss Development

- a) Statutory Reserves – shrinking redundancy!
- a) Changes in prior policy year ultimate loss estimates
 - Change from 12/08 to 12/09
 - Change from 1st report to 12/09
- b) Impact of changes in prior policy year ultimate loss estimates on calendar year losses

14



Runoff of Schedule P Policy Year Ultimate Loss & ALAE Ratios From 12/31/2008 to 12/31/2009

Year	Booked at		% Change
	12/31/2008	12/31/2009	
1990	9.6%	9.6%	0.3%
1991	6.2%	6.2%	0.1%
1992	3.9%	4.0%	0.8%
1993	3.7%	3.8%	1.0%
1994	4.4%	4.4%	0.3%
1995	5.7%	5.6%	-0.9%
1996	5.2%	5.3%	0.4%
1997	5.4%	5.4%	1.0%
1998	5.2%	5.3%	1.8%
1999	5.6%	5.6%	0.2%
2000	7.3%	7.3%	-0.1%
2001	6.3%	6.4%	1.6%
2002	5.2%	5.2%	0.1%
2003	5.2%	5.2%	0.2%
2004	6.4%	6.3%	-2.2%
2005	7.7%	7.7%	-1.0%
2006	7.6%	7.9%	3.4%
2007	7.9%	8.1%	2.5%
2008	7.3%	7.4%	1.5%
2009		6.4%	
Total			0.7%
'05-'08			1.6%

15 August 31, 2010



Claim Frequency Trends

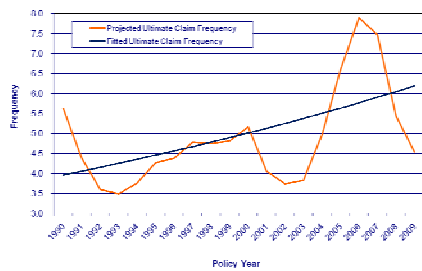
- Claim Frequency defined here as:
 - $(\text{Projected Ult. \# of Claims}) / (\text{Adjusted Title Revenue in \$000s})$
 - Adjusted Title Revenue is a proxy for number of policies
- Generally cyclical trend; varies with real estate cycle
- Spike in recent years due to real estate market collapse
- Possible long-term upward trend due to broadening coverage, court decisions, underwriters relationship with its customers

22



Claim Frequency

Industry projected ultimate reported claim counts per \$1M of adjusted premium



23

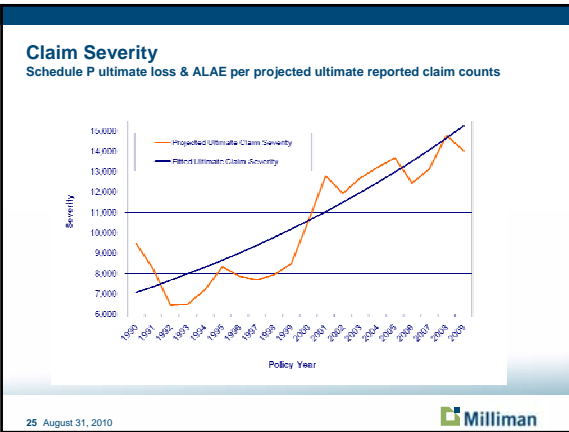


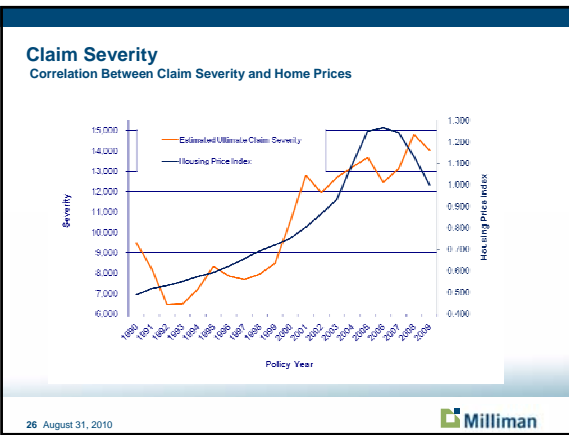
Claim Severity Trends

- Claim Severity defined here as:
 - $(\text{Ultimate Loss} + \text{ALAE}) / (\text{Projected Ultimate \# of Reported Claims})$
- Claim severity tends to vary directly with, real estate prices, defense costs, inflation, etc.
- Large defalcations may disguise severity trends

24







Loss Cost Trends

- Loss Cost defined here as:
 - $(\text{Ultimate Loss} + \text{ALAE}) / (\text{Amount of Insured Liability in } \$000\text{s})$
- Loss Cost trends are a combination of both:
 - Claim Frequency trends
 - Claim Severity trends

27

Title Industry Ultimate Loss & ALAE Ratios @ 12/31/2009
Inverse Correlation Between Loss & ALAE Ratios and Housing Affordability

