

Agenda

- · History and Background
- · Selected Results from Survey, to draw out
 - Comparisons with 2007
 - Interesting Results
 - Points for discussion
- Future work

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Background and History

- Successful 2007 H&C Reserving Working Party
 - Looked at reserving practices specifically for Critical Illness, Income Protection and Private Medical Insurance products
 - Largely motivated by PS06/14 and ICA
- 2010 H&C Reserving working party
 - Concentrate on Solvency 2 issues
 - Limited questions on traditional reserving approaches
 - This session covers Income Protection (IP) and Critical Illness (CI) only.

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Working Party Membership

- Sheila Anstead
- Bill Baker
- Peter Banthorpe
- Jo Buckle
- Andy Chan
- Chris Coote
- Robert Kipling
- John Smith
- Lindsay Smitherman

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Timeline Action 14 January Surveys issued 14 February Survey original deadline 4 March Survey closed and data cleaned 20 April Results issued to respondents 19 May Presentation to H&C Conference 21 November Presentation to Life Convention

Outline of the CI and IP Surveys

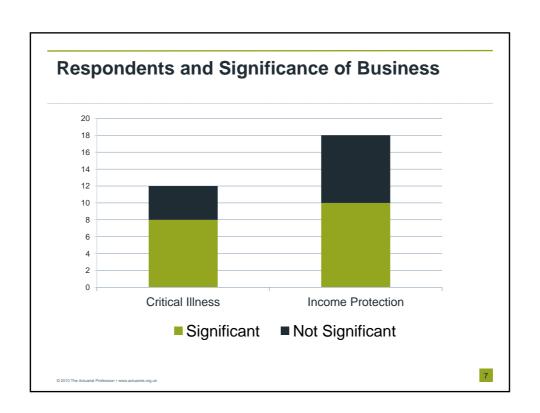
- · CI survey drafted first;
- · IP was then modified from this;
- Key sections:
 - Methodology and Process
 - Claims
 - Lapses
 - Options
 - Additional Reserves
 - ICA
 - Solvency 2

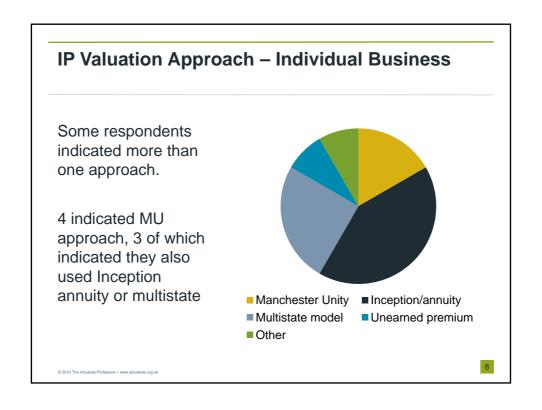
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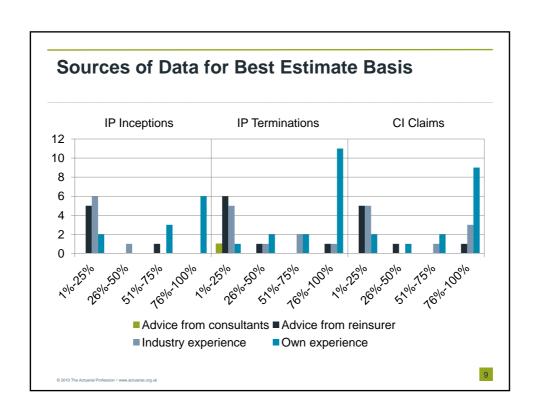
Some Survey Limitations

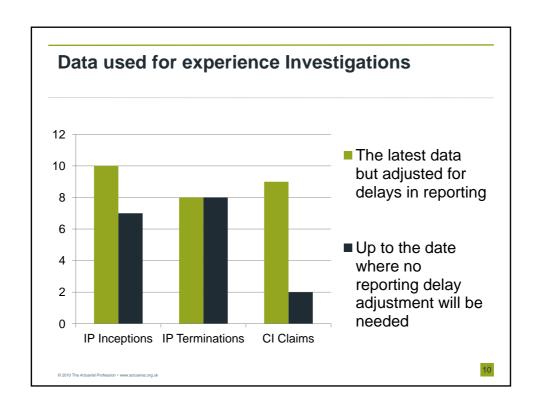
- Unlike 2007 no questions about company type, or distribution channels;
- Some comments received from respondents that IP survey was most suitable for writers of long-term IP – Holloway plans not as well catered for.

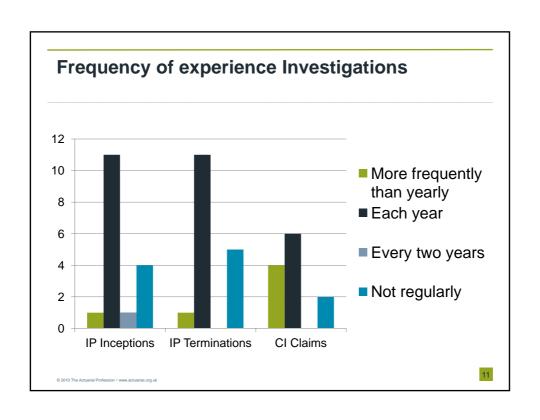
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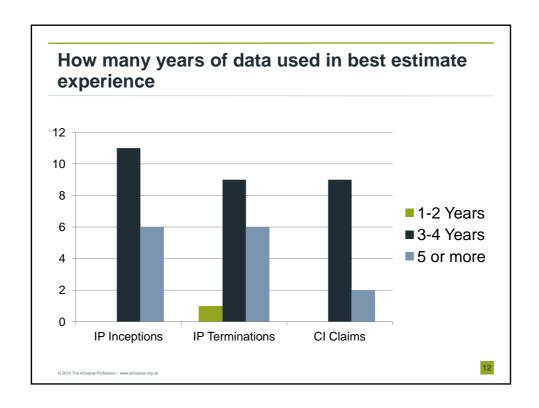








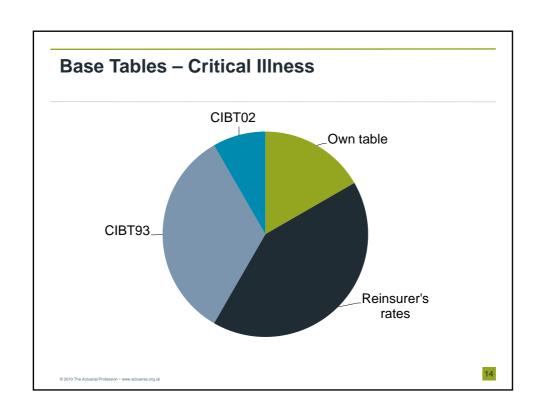


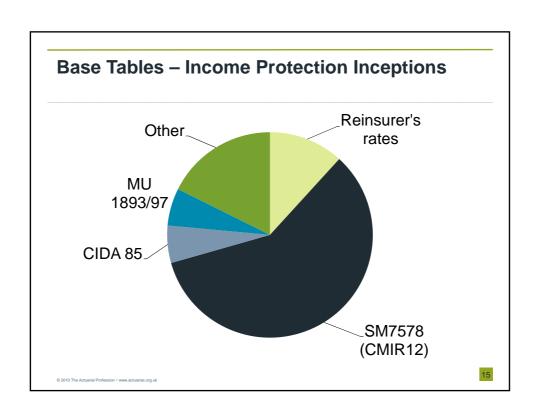


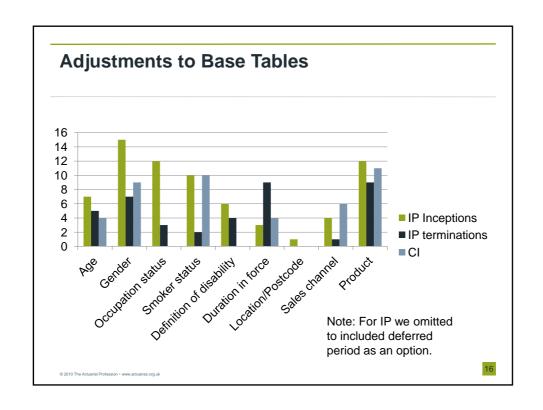
Critical Illness Analyses

- •Last survey gathered information on mortality and morbidity assumptions separately;
- •This time we asked:
 - •"Do you carry out separate investigations for mortality and morbidity experience for your accelerated critical illness products, or do you just investigate a combined claim rate?"
- •100% of respondents said "combined rate"

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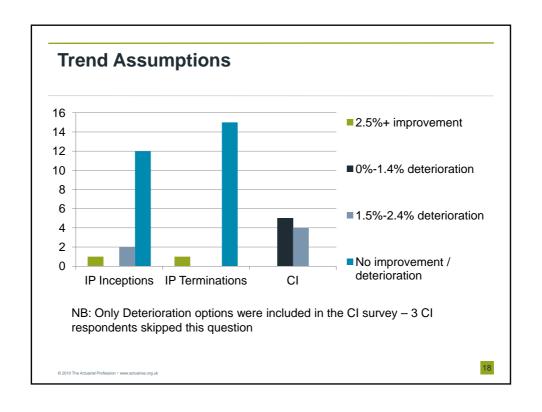


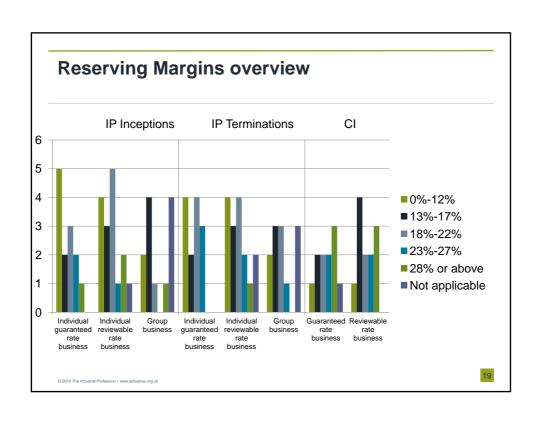


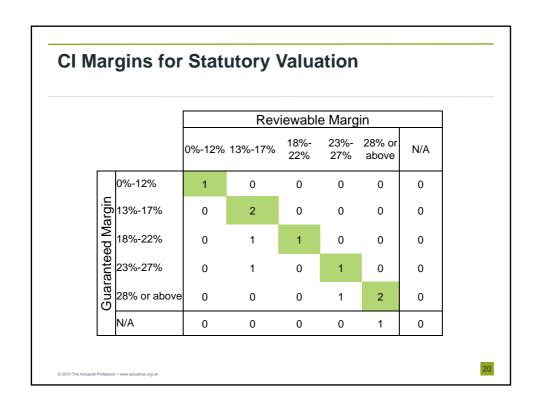
IP Inception Adjustments

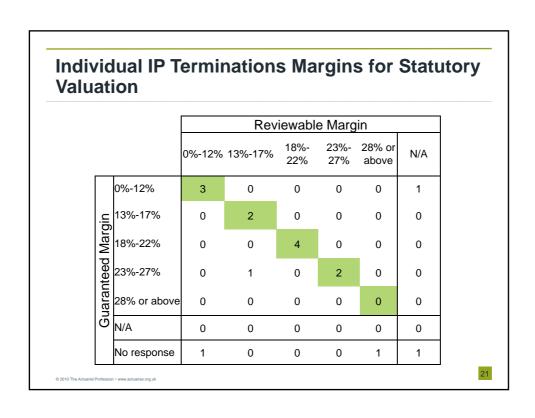
| | Increase | Decrease | No change |
|--|----------|----------|--------------|
| Credit crunch | 2 | 0 | 14 |
| Treating customers fairly | 1 | 0 | 15 |
| Changes in claims admittance practices | 0 | 0 | 15 |

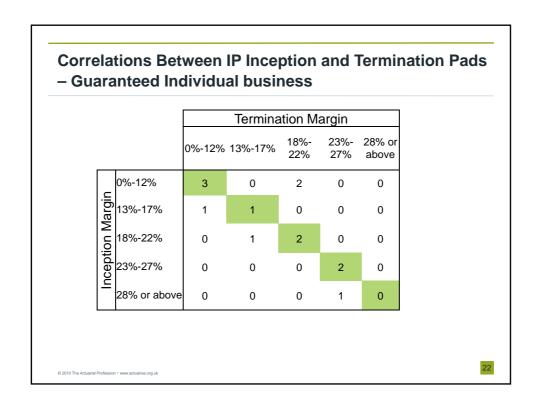
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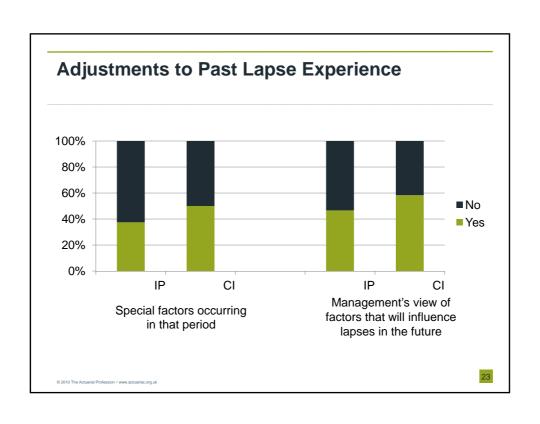


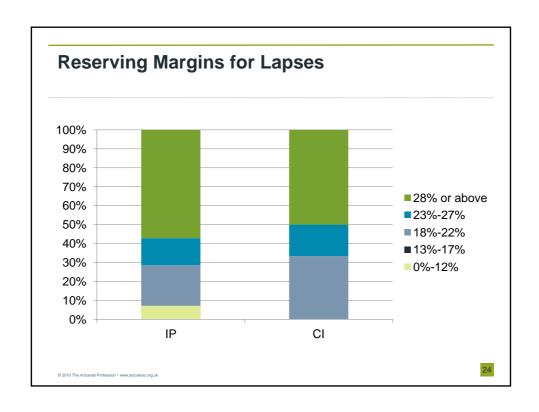


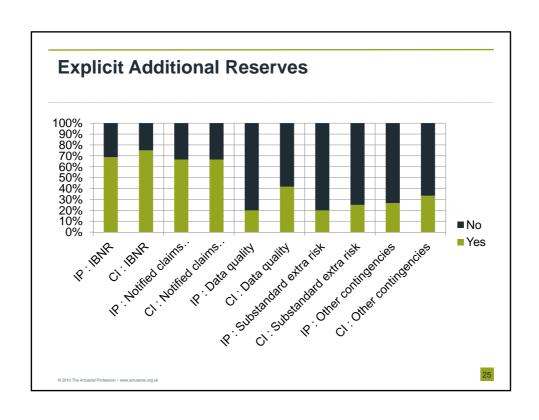


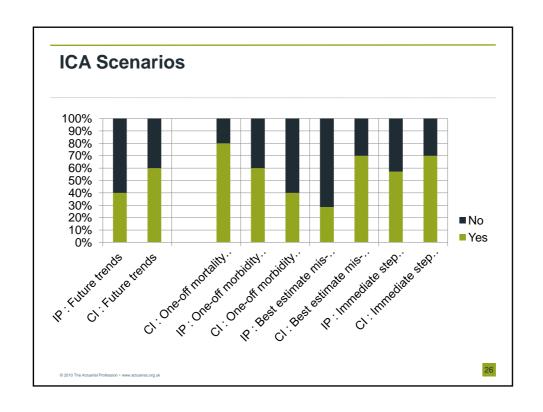


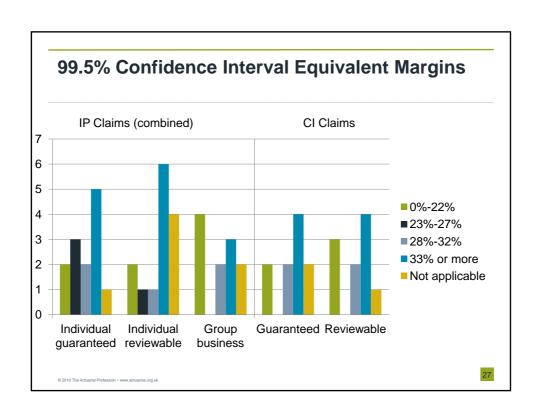










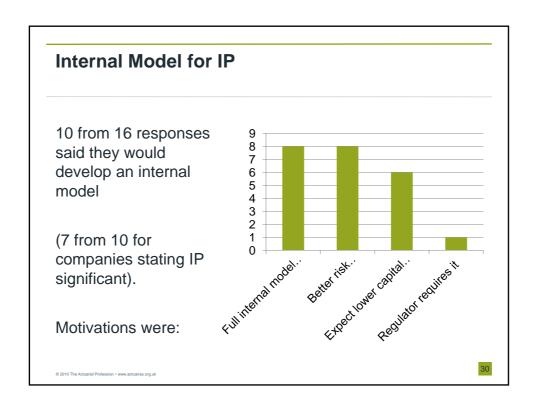


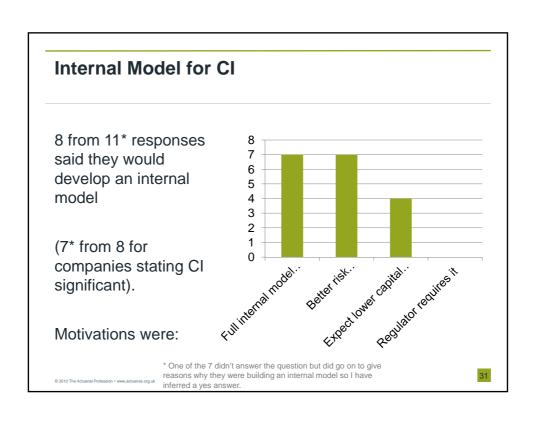
| | | ICA 99.5% Margin | | | | | | |
|-------------------------------|-------------------|------------------|-------------|-------------|----------------|-------------------|--------------|--|
| | | 0%- 22% | 23%- 27% | 28%- 32% | 33% or more | Not applicable | No Answer | |
| Statutory Reserving Margin | 0%-12% | 1 | 0 | 0 | 0 | 0 | 0 | |
| | 13%-17% | 0 | 0 | 0 | 1 | 0 | 1 | |
| | 18%-22% | 0 | 0 | 1 | 0 | 1 | 0 | |
| | 23%-27% | 0 | 0 | 0 | 2 | 0 | 0 | |
| | 28% or above | 1 | 0 | 1 | 1 | 0 | 0 | |
| | Not applicable | 0 | 0 | 0 | 0 | 1 | 0 | |

No Appetite for Stochastic Models

- •Only 1 Company said they would develop a stochastic model:
 - •For CI for ICA/ORSA Purposes
- •2 companies said they already had one:
 - •1 for CI for ICA/ORSA purposes
 - •1 for IP (inceptions and terminations) for ICA/ORSA purposes
- Consistent with last survey.

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Next Steps

- Intending to repeat survey next year to provide another snap-shot;
- Want to be able to monitor trends but we can enhance, so suggestions please for:
 - New questions;
 - Questions that can be removed;
 - Enhancements to questions;
 - How to enhance response rates;

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Questions or comments?

Expressions of individual views by members of The Actuarial Profession and its staff are encouraged.

The views expressed in this presentation are those of the presenter.

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