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Miscellany

On accounting standards and fair valuation of life insurance and pension liabilities

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Pages 372-394 | Received 28 Jun 2004, Published online: 01 Sep 2006

🗨️ Cite this article 🔗 <https://doi.org/10.1080/03461230410000556>

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Keywords:

Accounting standards

fair value

financial valuation

regulation

Notes

I am grateful for the comments and suggestions of an anonymous referee, Morten Balling, Anders Grosen, Peter Hermann, Jan Bo Jakobsen, Per Linnemann, Jens Perch Nielsen, Mogens Steffensen, and Frank Thinggaard. I am particularly indebted to Søren Andersen, Michael Harboe-Jørgensen, and Charlotte Møller for fruitful discussions and for sharing their insights on the Danish market value rules and regulation. I would also like to thank Henrik Steffensen of PriceWaterhouseCoopers for granting me access to PWC's excellent Comperio database. All errors are my own responsibility.

PETER LØCHTE JØRGENSEN

Julietta, the Accountant: "Would you like to check my figures?" James Bond: "Oh, I'm sure they are perfectly rounded!"

- James

Jørgensen
liabilities

As quote

This provides a value based on the value of the variable.

See e Annex.

An example of a contingent liability is a lawsuit. A company may be sued, and the outcome of the lawsuit will determine whether the company has a liability.

See also

In the June 2002 Exposure Draft for a revised IAS 39, recent transactions prices were allowed as a basis for fair value measurement. This possibility has now been removed. This hierarchy was first presented in the June 2002 Exposure Draft for a revised IAS 39. Dicke ([1998](#)) mentions rare cases where secondary markets for insurance policies have existed.

See International Association of Actuaries ([2000](#)) for a deeper discussion of the possibilities for estimating fair values of liabilities when financial markets are complete and incomplete, respectively.

One challenge here is to get good bond price observations covering the far end of the maturity spectrum. Unfortunately, government bonds with maturities above 20–30 years are relatively rare in most countries. In contrast, corporate bonds with maturities up to 100 years are not uncommon. IBM, Walt Disney, ABN-AMRO, and Coca Cola are examples of large international corporations that have issued 100 year bonds (see e.g. Grinblatt & Titman ([2002](#))).

The reader is also referred to Sheldon & Smith ([2004](#)) for a general introduction to market consistent valuation of L&P products.

See e.g. valuation

The Dan [Section](#) explained in have to be estimate ed to as “market

The fi exha

Accordin payment of premium s that have already way is termed a

This inte ed average of the yields of three different government bonds. A swap-spread is then added(!). This



The term structure of zero-coupon interest rates tends to lie above the Danish FSA's reference rate in the long end of the maturity spectrum and below the reference rate in the short end. Casual empiricism suggests that “young” pension funds with relatively long liabilities tend to choose zero-coupon interest rates for discounting their projected cash flows, whereas mature pension funds and life insurance companies with relatively shorter liabilities tend to use the Danish FSA's reference rate. This indicates that L&P companies tend to choose the discounting methodology that minimizes the estimated value of liabilities.

Prior to 1997 the maximum allowable portfolio weight in stocks was 40%. It was raised to 50% between 1997 and 2000.

See e.g.

See e.g.

This view was highly popular and was supported by the fund from the match between Ralfe, subsequently reached fame partly because of what was considered a truly controversial

attitude to pension fund management, and partly because of the exceptionally fine timing of the switch, which was completed just prior to “9–11” and the subsequent burst of the stock market “bubble” in 2001, see e.g. The Boots Company ([2001](#)) and Nicholson ([2004](#)).

See Mercer Oliver Wyman ([2004](#)) and The Economist ([2004a](#)).

See The Economist ([2004b](#)) and Watson-Wyatt ([2003](#)).

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