



Institute and Faculty of Actuaries

Medically underwritten bulk annuities

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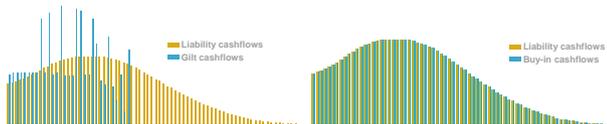
What is a medically underwritten bulk annuity?

- Bulk annuities (buy-ins) have been used for managing risk within defined benefit pension schemes for some time.
- A more recent innovation has been to incorporate specific health and lifestyle factors into pricing, via surveying the select group of members to be covered by the policy.
- There are upper limits in terms of the number of members to be covered under this approach, due to practical reasons (currently c 300). Most transactions to date have focused on significantly less lives.
- As the market has matured, the size of transactions has increased £206m in liabilities.



2

Buy-ins – the ultimate risk reduction



Protection against:	Gilts	Buy-in
Interest rates	Some	✓
Inflation	Some	✓
Longevity	✗	✓
Proportioned married and ages of spouses	✗	✓
Default risk	✓	Insurance reserves, FSCS

3

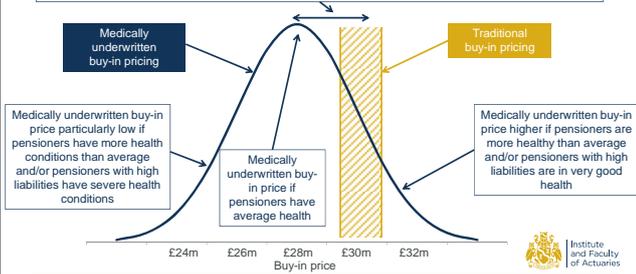
Concentration of risk

- Typically, 50% of a DB pension scheme's liability is made up from only 10% of the members. This dynamic creates a significant concentration of risk:
 - the experience of this small group of members will drive pension scheme's finances
 - in particular, significant longevity risk
- A medically underwritten buy-in is a very effective way of tackling this concentration of risk.
- For these reasons, well over 50% of the transactions that have completed to date have focused on the highest individual liability members ("top slicing").



Medically underwritten buy-in pricing

For the time being, the price of a medically underwritten buy-in is likely to be lower than the price of a traditional buy-in, even if pensioners have average health, partly due to the strong appetite from the medically underwritten buy-in providers to build market share and the resulting strong competition



What are the benefits to pension schemes?

- Chiefly improved pricing compared to traditional buy-ins, particularly for small groups of high liability members or small schemes (covering all members).
- In addition, the fact that it's a new market, means there has been a significant early mover advantage for those pension schemes that have.
- Efficient way of managing concentration risk and mitigating longevity risk.

In our experience, medically underwritten buy-in prices are at least 5% cheaper than a traditional buy-in



Medically underwritten buy-in providers

Provider	Background	Buy-in deals to date
	<ul style="list-style-type: none"> UK's second largest provider of medically underwritten annuities to DC members (£466m of individual annuity revenue for FY 2014) Entered bulk annuity market for DB schemes in 2012 	<ul style="list-style-type: none"> 22 medically underwritten buy-ins Covering c£354m of liabilities
	<ul style="list-style-type: none"> UK's largest provider of medically underwritten annuities to DC members (£1,200m of individual annuity revenue for FY 2013/14) Entered bulk annuity market for DB schemes in 2013 	<ul style="list-style-type: none"> 24 medically underwritten buy-ins Covering c£447m of liabilities
	<ul style="list-style-type: none"> Multi-line insurer and longest established insurer in traditional buy-in market – covering all transaction sizes Experience of enhanced annuities for DC members and now quoting on medically underwritten buy-ins 	<ul style="list-style-type: none"> No medically underwritten buy-ins 53 buy-ins covering £5.98bn of liabilities in 2014
	<ul style="list-style-type: none"> Multi-line insurer and established insurer in traditional buy-in market Experience of enhanced annuities for DC members and now quoting on medically underwritten buy-ins 	<ul style="list-style-type: none"> No medically underwritten buy-ins 60 buy-ins covering £874m of liabilities in 2014

 7

