

CMI – Self-Administered Pension Schemes Investigation

Update on the latest work and future plans

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Background

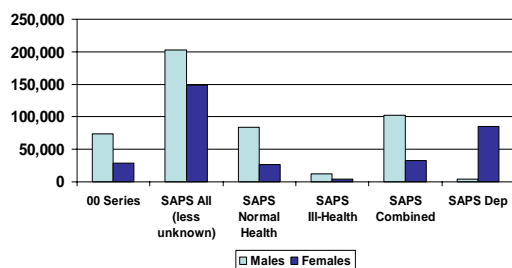
Published so far

- Self Administered Pension Schemes
- Earlier working papers
- Working Paper 32

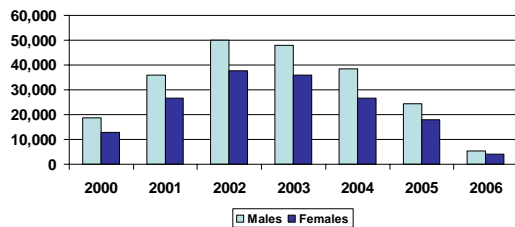
To come

- Work planned for this year

Data overview – Deaths by type



Data overview – Deaths by year



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WP32 proposed graduations

Data Type	Light / Heavy	Lives		Amounts	
		Female	Male	Female	Male
Pensioners (excluding dependants)	-	SPFL03	SPML03	SPFA03	SPMA03
	Light			SPFA03Light	SPMA03Light
	Heavy			SPFA03Heavy	SPMA03Heavy
Normal health pensioners	-			SNFA03	SNMA03
	Light			SNFA03Light	SNMA03Light
	Heavy			SNFA03Heavy	SNMA03Heavy
Ill-health pensioners	-			SIFA03	SIMA03
	-	SWL03		SWA03	
Dependants	Light			SWA03Light	
	Heavy			SWA03Heavy	

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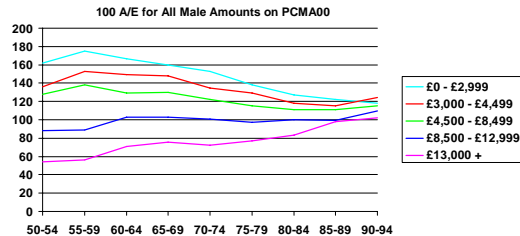
Final graduations (tables and names)

Data Type	Light / Heavy	Lives		Amounts	
		Female	Male	Female	Male
Pensioners (excluding dependants)	-	S1PFL	S1PML	S1PFA	S1PMA
	Light			S1PFA_L	S1PMA_L
	Heavy			S1PFA_H	S1PMA_H
Normal health pensioners	-			S1NFA	S1NMA
	Light			S1NFA_L	S1NMA_L
	Heavy			S1NFA_H	S1NMA_H
Ill-health pensioners	-			S1IFA	S1IMA
	-	S1DFL		S1DFA	
Dependants	Light			S1DFA_L	
	Heavy			S1DFA_H	

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Light / Heavy bands

- What data should Light / Heavy bands contain?



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Technical amendments

- Discrepancy in age definition (half year) will reduce q_x and μ_x
- Move from initial exposed to risk (multiple approaches possible for calendar year investigations) to central exposed to risk may reduce q_x and μ_x particularly at higher ages

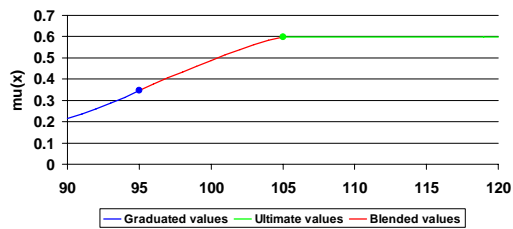
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Lower ages

- Extend which tables to, say, 20? **All**
- Should "All Pensioner" table stop at 50? **No**
- Would 16 or 17 be preferable to 20? **Yes**
- Are the proposed extensions suitable? **Yes**
- Committee considering "All Pensioner" extension

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Older ages – WP32 proposal



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Older ages

- Most responses indicated general support...
- ...but review of exposed to risk affects older ages most...
- ...so comments will be reviewed in light of those revisions...
- ...and approach may be modified

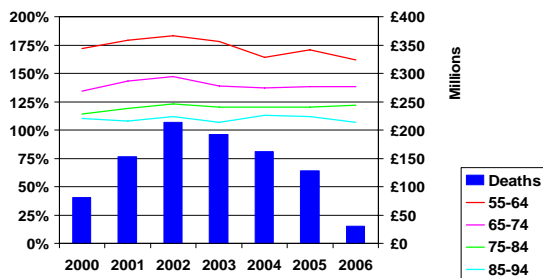
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Further work 2008

- Finalise graduations
- Preliminary work on trends in mortality rates
- Industrial analysis

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SAPS Males amounts All retirements

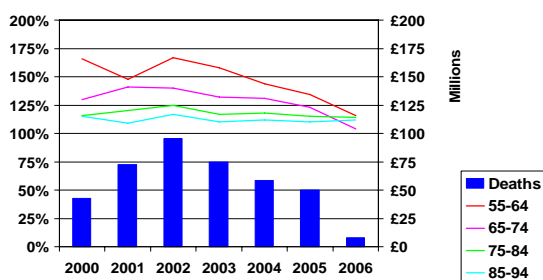


LH axis – A/E of PMA92 Short Cohort for calendar year

RH axis – Pensions p.a. cancelled by death

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SAPS Males amounts Normal retirements



LH axis – A/E of PMA92 Short Cohort for calendar year

RH axis – Pensions p.a. cancelled by death

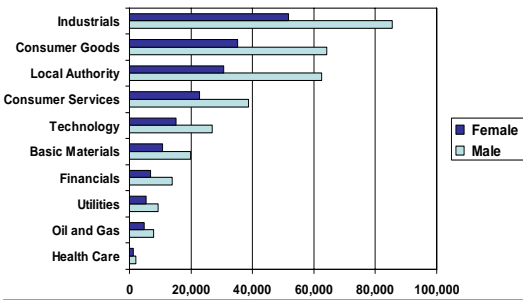
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Industrial analysis

- Covers CY 2000 to 2006
 - But clustered in centre years, so longer-run trend analysis not necessarily reliable
- Few schemes where data present for two valuations
 - So heterogeneity within exposed to risk
- Data on CMI web-site (not industrial)
 - Includes measurement against 92 series Short Cohort for each calendar year of experience

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Industrial analysis – number of deaths



Ages 50+

Calendar years 2000 to 2006

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