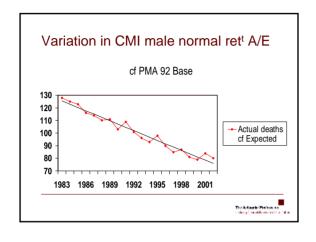


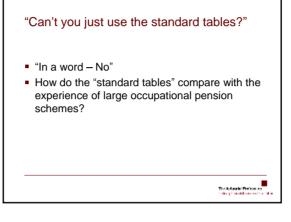
# What is current mortality "Surely that's easy?" What about future improvements "Why can't you actuaries get it right?"

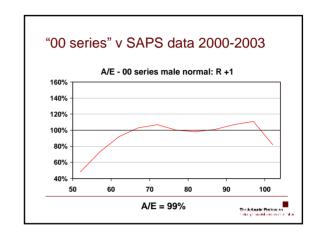
### Taking a snapshot is easy

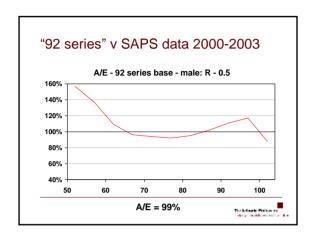
- Drawing out the detail is the difficult bit
- Understanding is essential to be able to project
- What if the current picture is not representative?
- Sources of uncertainty
  - Blue/white collar mix
  - Low/high paid
  - Industrial variation
  - Regional variation

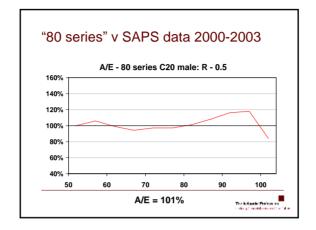


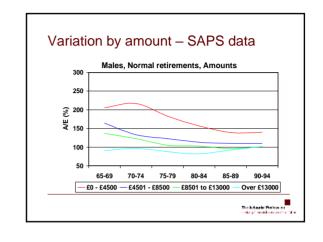


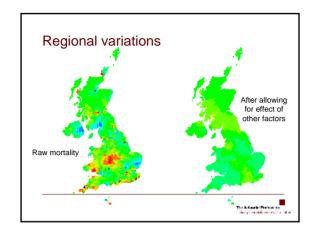












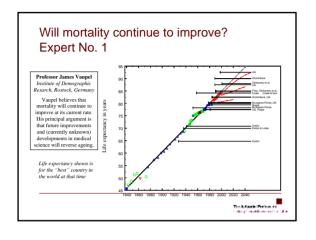
## Variation by industry – SAPS data

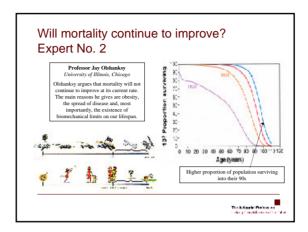
	Average Pension pa	A/E 92 series (%)	
		Lives 60+	Amounts 60+
Basic Industries	£4,390	114	124
General Industries	£4,410	93	96
Cyclical Services	£6,670	103	109
Info. Technology	£8,220	99	110
Financials	£13,330	90	96
	•		

The Astronic Photos on the design model are confident to the "So where are we going then?"

- Experts differ
- Cohort effect
- Trend uncertainty

The Astronic Profession on the large model content of the 14 m





## Will mortality continue to improve? More experts

- Professor Tom Kirkwood
  - There is no strict biological program for ageing and no limit to the length of human life
- Dr Aubrey de Grey
  - I think the first person to live to 1,000 might be 60 already



# The Cohort Effect Trustees surprised at extent and duration of the cohort effect Illustrate the past Perhaps show charts of projections Consider single age – 80 is good Comment on uncertainty as to how long it will continue

