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Pensions for public service employees in UK:
Long-term financial management and reform of benefits

Bill Rayner and Mike Scanlon UK Government Actuary's Department

Background

- · Improving longevity, baby boomers, dependency ratio
- Affordability and sustainability
- Comparison with private sector trends
- Impact of benefit reforms on public expenditure
- What makes this different?
 - Pay as you go, not funded in advance
 - 24 schemes valued, almost in parallel
 - Total scheme membership of almost 13 million people
 - Capture savings of £billions for UK tax payer (0.5%+ of GDP)
 - Under scrutiny from government, members and the public



Agenda

- · Background to UK pension environment
- The case for reform
- The reforms and their impact
- Financial management of unfunded pensions
- · Actuarial methods and assumptions
- Practical challenges, update and wrap up

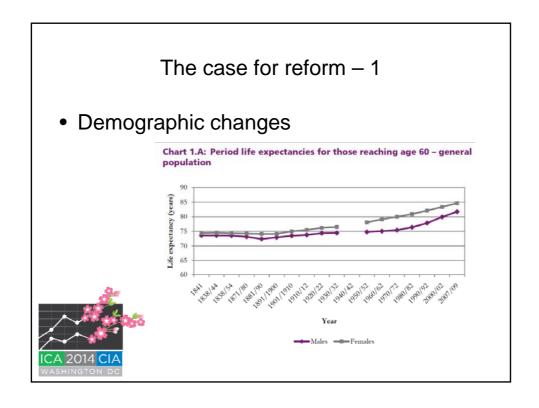


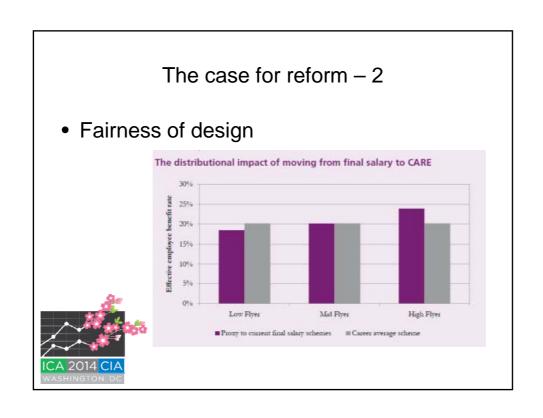
Background to UK pension environment

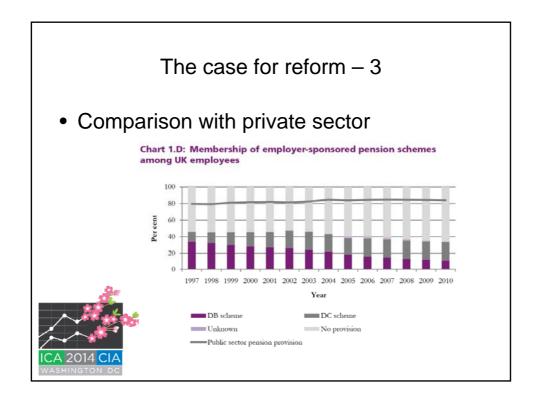
- State pensions: Modest provision
- Occupational pensions

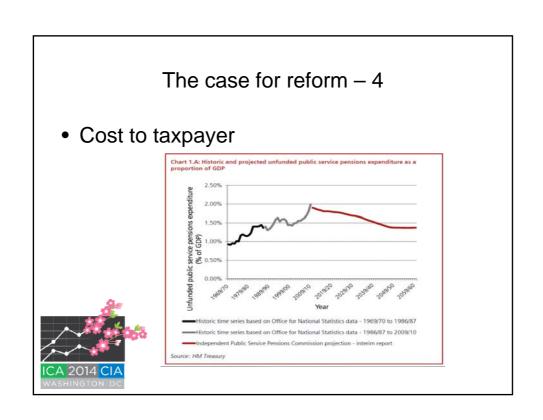
Pension schemes	Private Sector	Public sector
Set up by	Trust deed and rules	Legislation
Typical scheme designs	Historically – Defined benefit Now – Defined contribution	Defined benefit
Financing	Funded in advance	Typically unfunded (pay as you go)
Membership	14 million	13 million











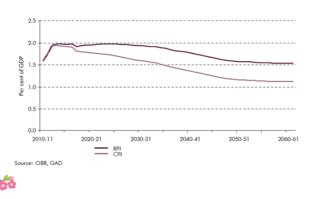
The reforms and their impact – 1

- The inflation index changed
- Member contributions increased
- Changes to future service benefits
- Introduction of a cost cap mechanism
- Revision of governance arrangements



The reforms and their impact -2

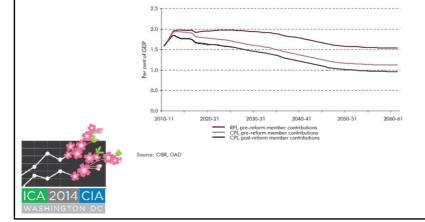
• The inflation index changed





The reforms and their impact -3

• Member contributions increased



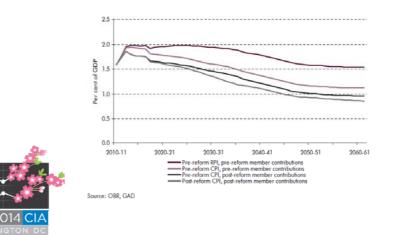
The reforms and their impact – 4

• Changes to future service benefits

Key Hutton recommendations	Implementation
Pension promises that have been made must be honoured.	•Final salary link maintain •Protection for members close to retirement to remain in existing schemes
Career average defined benefit plans with earning revaluation	 Career average defined benefit plans with revaluation varying by plan Cost ceiling process to test plan design
NPA linked to SPA (exceptions for uniformed services - NPA 60)	•Future service benefits linked to SPA •NRA 60 for uniformed services
Establish cost ceiling setting limit of amount taxpayers contribute	•Cost cap mechanism
Stronger governance	 Single legal framework for all plans Introduction of Pension Boards for each plan Oversight from the Pension Regulator

The reforms and their impact – 4

• Cash flow impact of reforms



Financial management of unfunded pensions - 1

- Two forms of expenditure
 - Cash flow: Benefits paid less (employee) contributions received
 - Accrual: Cost of new benefits accruing to current workers



Financial management of unfunded pensions - 2

Management charge

Public Sector Funding

HM Treasury

Balancing figure

Public service employers

Public service employers

Public service employees

Public service employees

Source: National Audit Office

Financial management of unfunded pensions - 3

- · Accrual measures of cost
 - Management charge (via actuarial valuation)
 - A supplementary table to the national accounts
 - Fund accounts reflectingIAS 19



Actuarial methods and assumptions - 1

- Actuarial valuation
 - Management charge
 - Cost cap mechanism
- Discount rate
- Process of valuation



Actuarial methods and assumptions – 2

- Discount rate methodology options
 - Consistent with private sector and other funded plans
 - Yield on index-linked gilts
 - Expected GDP growth
 - Social time preference rate
- Consultation process
- Government decided to select a rate based
 on expected long-term GDP growth

Actuarial methods and assumptions – 3

- Valuation Directions (prescribed methods) set by HM Treasury
- Financial assumptions set by HM Treasury
- Demographics based on scheme specific experience
- Notional assets to track the impact of actual demographic experience relative to that expected



Practical challenges, updates and wrap-up

- Observations about capturing saving
- Questions about pension design for the future
- Practical challenges
- Why we wrote the paper

