

## Uncertainty of future investment returns and market shocks could hurt pension levels

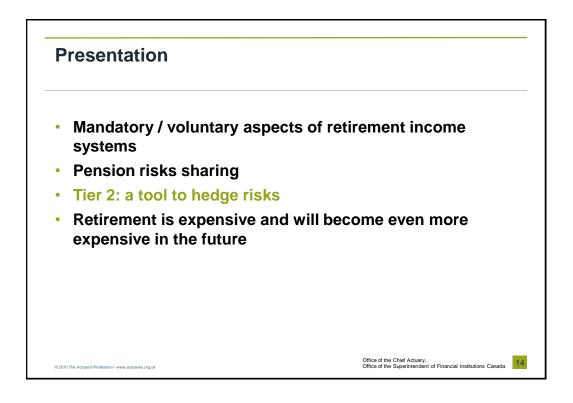
 The impact of investment risk on retirement income depends on the structure of retirement package

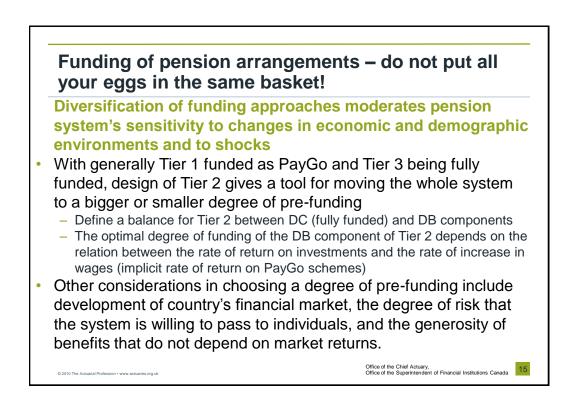
	Net F (% of indiv	Impact of investment risk			
Country	Public	Mandatory DC	Voluntary DC	on retirement income	
Chile	4.6%	59.7%	-	Very High	
Australia	14.8%	44.1%	-	High	
Ireland**	31.3%	-	40.7%	Moderate	
Norway	52.4%	8.0%	13.6%	Low	

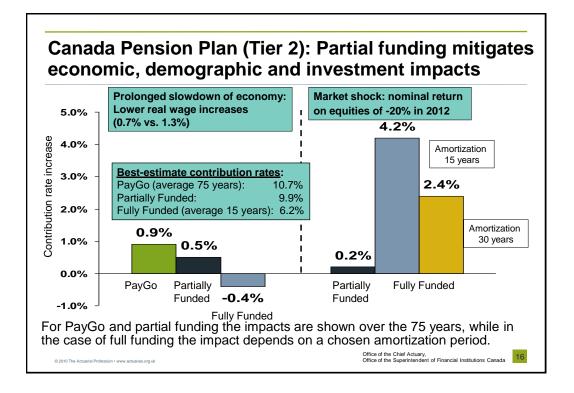
 Assets allocation for funded plans should reflect risk tolerance of plans' stakeholders (e.g. life-cycle plans).

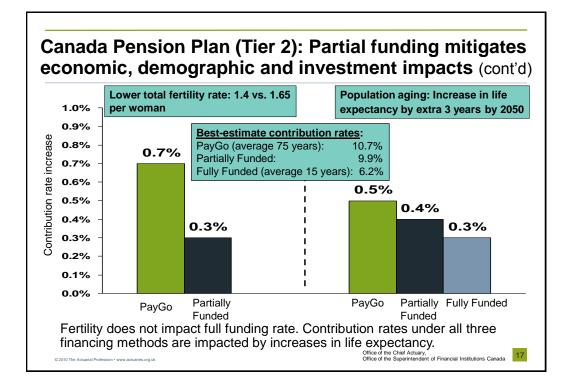
\* Estimates from OECD, Pensions at a Glance 2011 \*\* Irish voluntary occupational pension schemes cover over half of employees

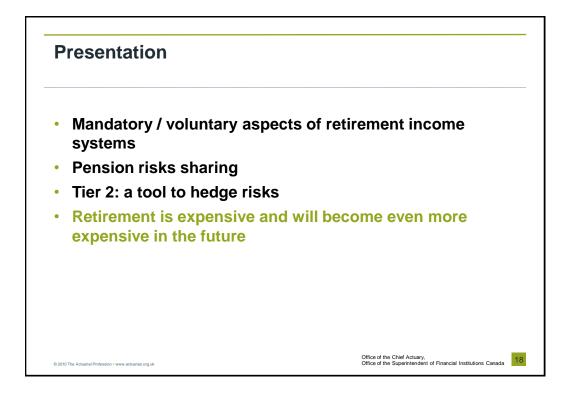
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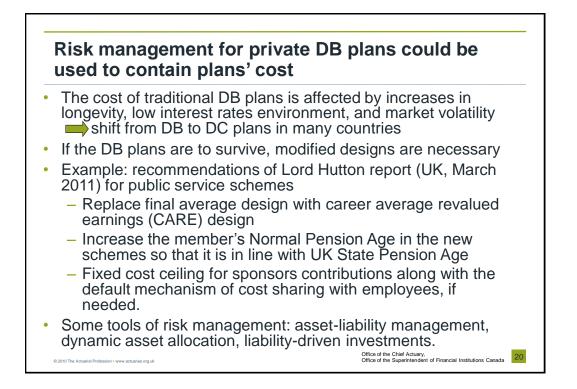




## If we live longer, does it mean we should work longer?

- No matter if it is a fully funded or a PayGo plan, no matter if it is a DB or a DC solution, no matter if it is a national public scheme or a private pension plan, the fact is that increased longevity will continue to put pressure on the financing of pension plans
- Challenges also come from uncertainty in projection of future mortality rates, differences in mortality between countries as well as within the same country.

	Baseline	Projection for 2050 by percentile of distribution of projected mortality rate		
	2010	25th	Median	75th
Men OECD	16.9	20.4	21.0	21.6
CPP25	18.8	20.3	21.9	23.4
Diff.	1.9	-0.1	0.9	1.8
Women OECD	20.5	24.3	24.9	25.5
CPP25	21.6	22.0	23.9	25.8
Diff.	1.1	-2.3	-1.0	0.3



## OECD: work longer, help the most vulnerable, and save more

- Future uncertainty regarding major pension risks as well as recent financial and economic crisis force us to re-examine current pension solutions and search for new ones
  - Extensive pension system reviews, debates and reforms in many countries (e.g. UK, Canada, France)
- There is no magical recipe and designs will vary depending on countries' objectives, as well as demographic and cultural profiles
- "Taking the long view, a *diversified* pension system mixing public and private provision, and pay-as-you-go and pre-funding as sources of finances is not only the most realistic prospect but the best policy." *OECD, Pensions at a Glance 2011*

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