

Office of the Superintendent of Financial Institutions Canada

Office of the Chief Actuary

Bureau du surintendant des institutions financières Canada

Bureau de l'actuaire en chef







Finland, France, Italy, Japan, Québec, Sweden, Switzerland, United Kingdom, United States

Presentation to the World Social Security Forum 29th ISSA General Assembly, Moscow, Russia









12 September 2007



Presentation Background

- Prepared by Charles Cossette, François Boulanger and Gilbert Ouellet of the Québec Pensions Board
- Originally presented at International Conference of Social Security Actuaries and Statisticians, ISSA in Helsinki, Finland on 23 May 2007
- Presenter: Jean-Claude Ménard, OSFI, Canada



CONTEXT OF THE STUDY



★ Population aging

- Falling birthrate
- Increased life expectancy

★ Subject of the study

- Interdependence between the demographic environment and the labour market
- Additional reference for choice of assumptions

PARTICIPANTS

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OUTLINE

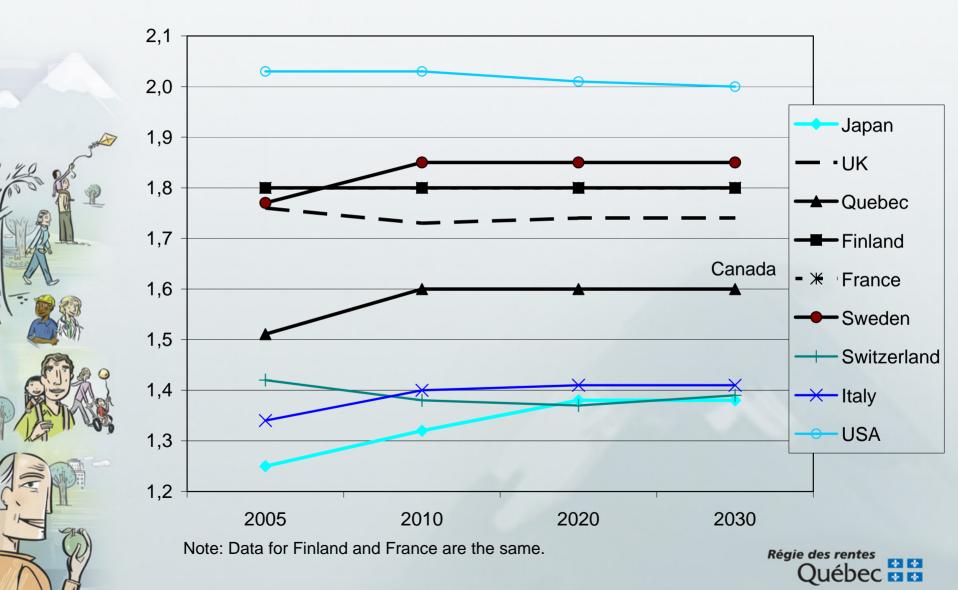


★Demographic environment

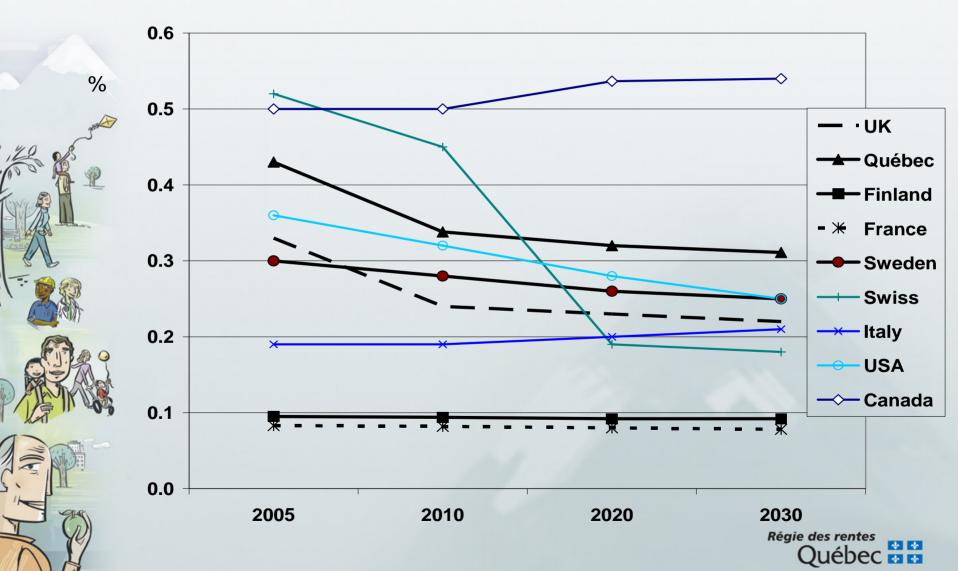
★Participation in labour market

★Other economic variables

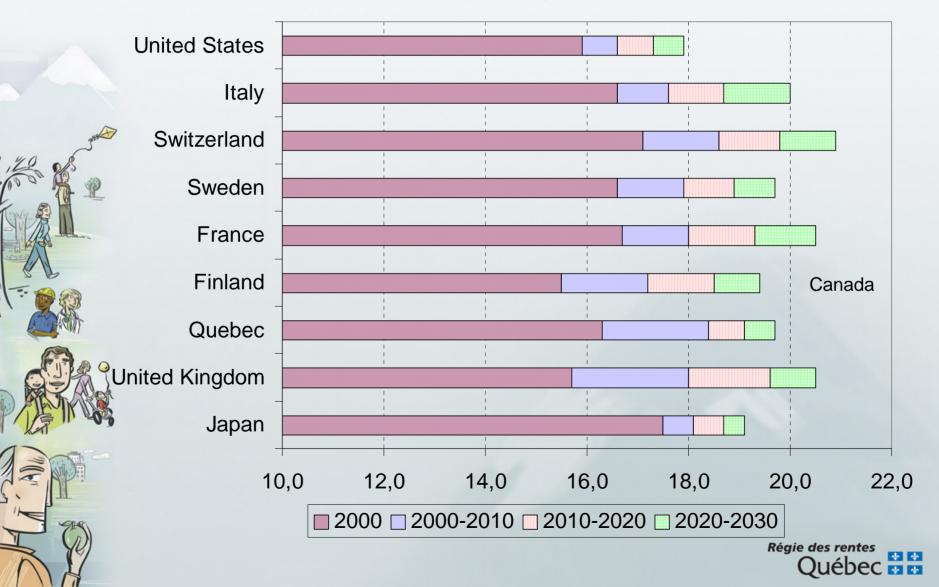
Total fertility rate projections, 2005-2030



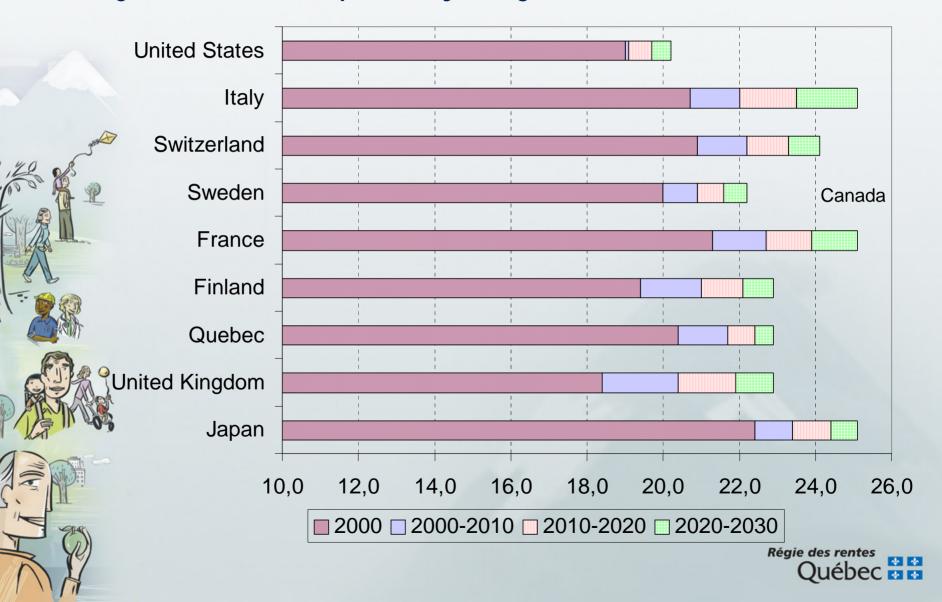
Projected net migration as a percentage of the population, 2005-2030



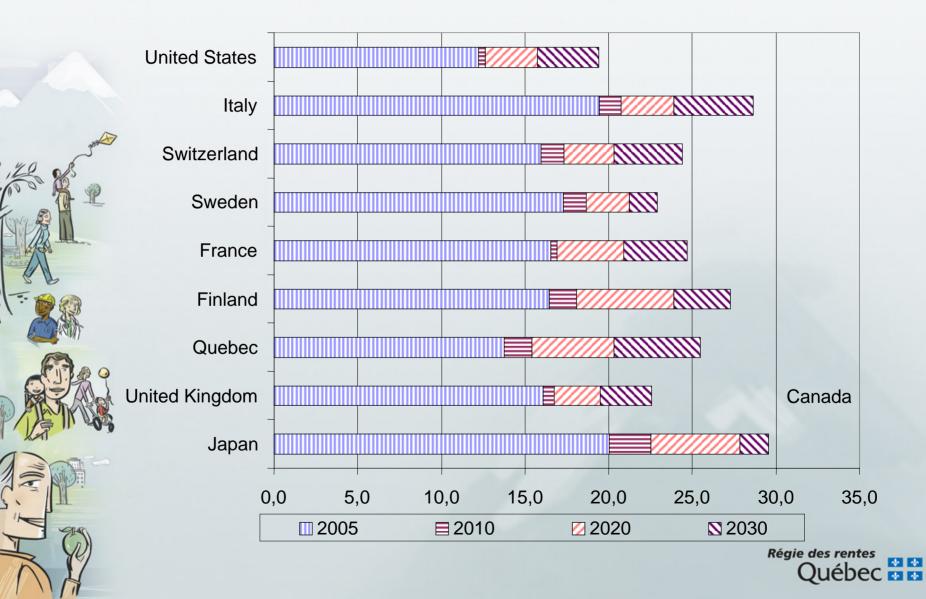
Projection of life expectancy at age 65 for men, 2000-2030



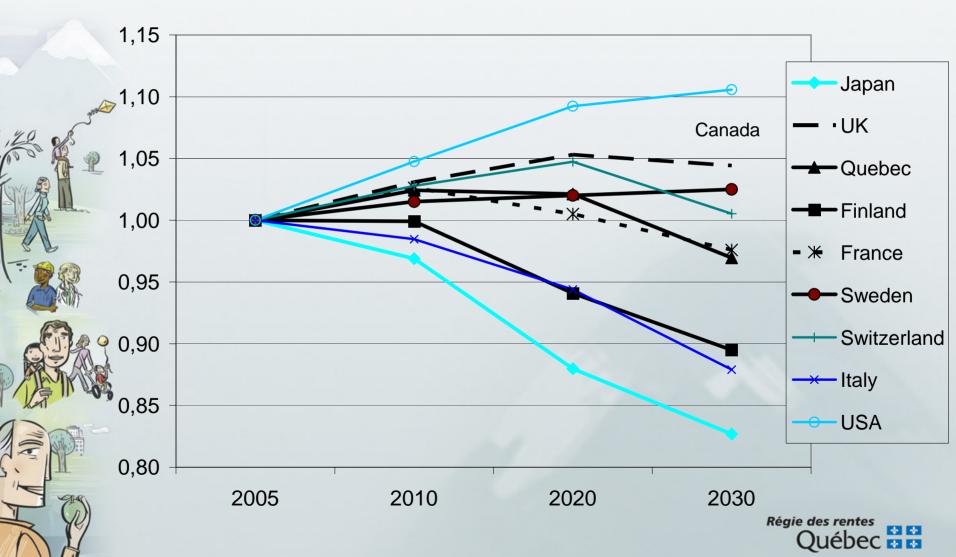
Projection of life expectancy at age 65 for women, 2000-2030



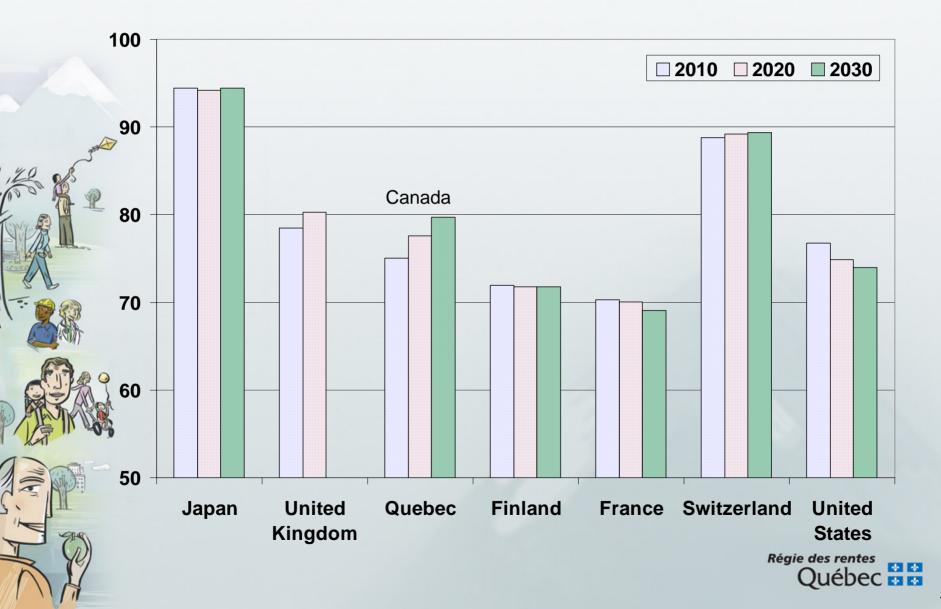
Changes in the proportion of population aged 65 and over (in %)



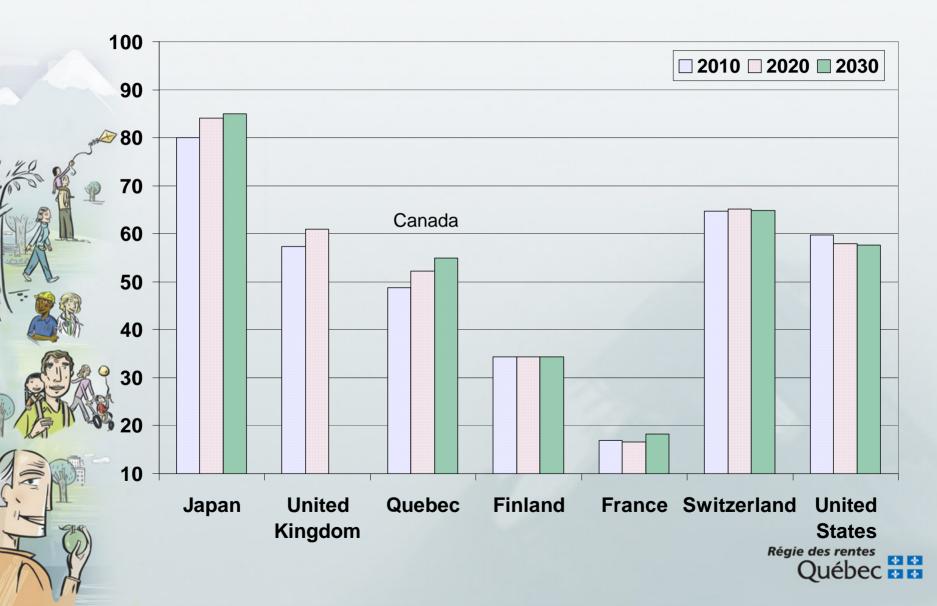
Changes in the working-age population (ages 20-64) compared to 2005 (2005=1.0)



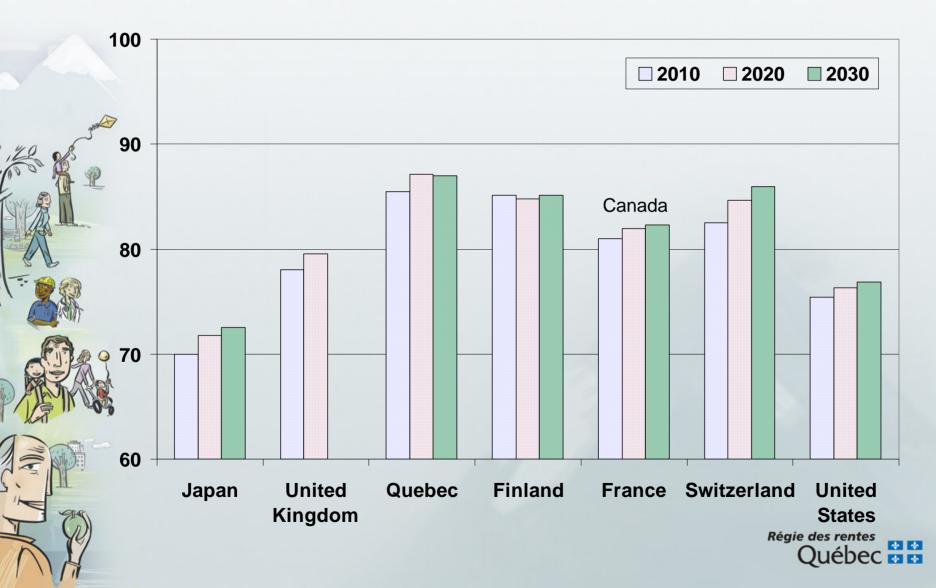
Activity rates for men aged 55 to 59 (in percentage)



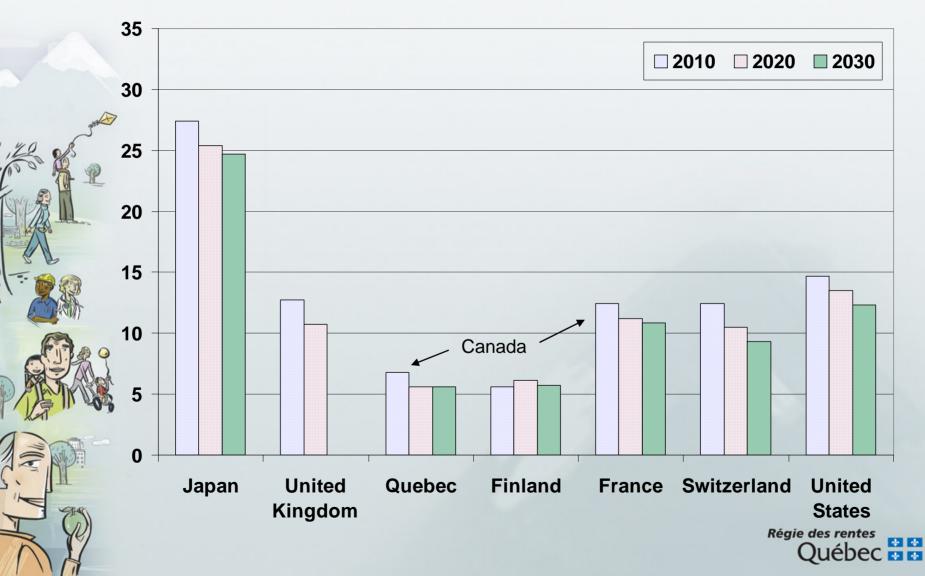
Activity rates for men aged 60-64 (in percentage)



Activity rates for women aged 25-54 (in percentage)



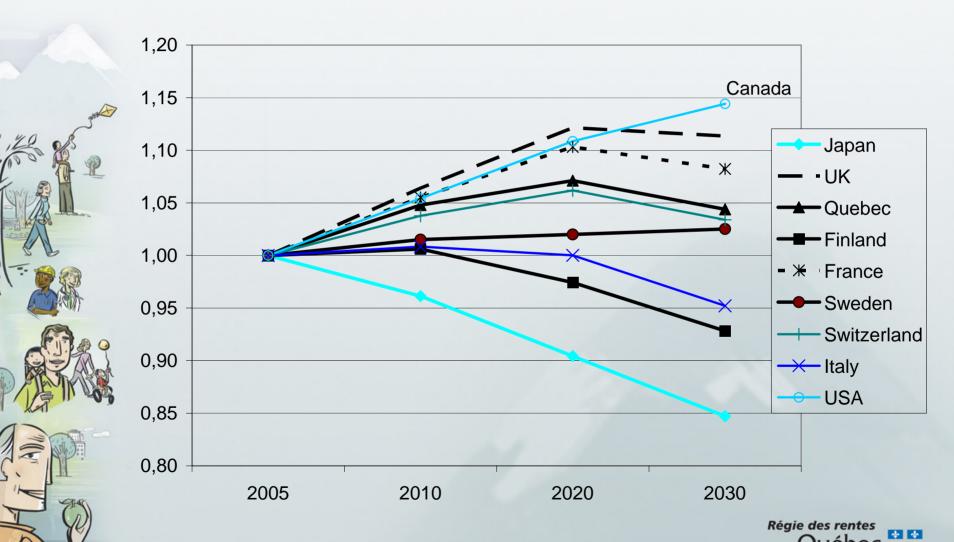
Difference in the activity rates of men and women (aged 25-54) (in percentage points)



Projection of average annual employment growth

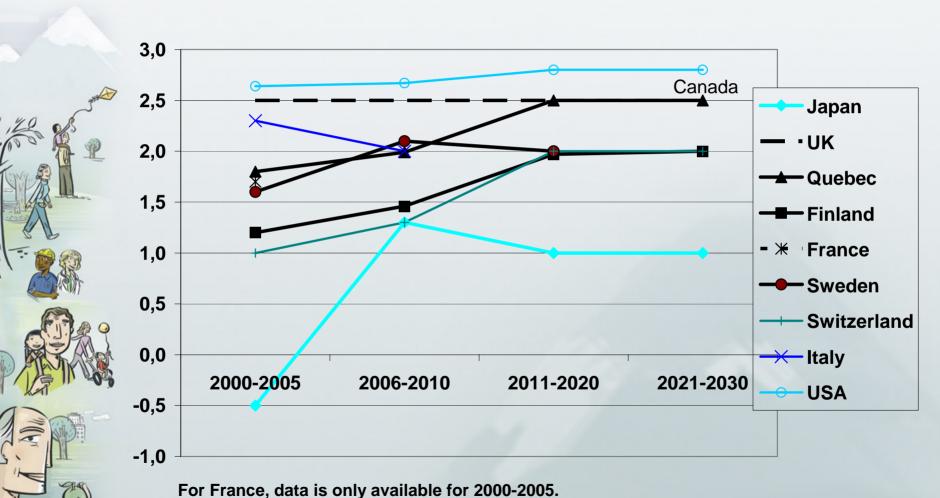
		2006-2010 %	2011-2020 %	2021-2030 %	2006-2030 %
	Japan	-0,4	-0,5	-0,6	-0,5
	United Kingdom	-0,1	0,0	-0,2	-0,1
	Québec	0,6	0,0	-0,4	0,1
	France	0,7	0,2	-0,3	0,1
	Finland	0,2	0,1	0,0	0,1
	Sweden	0,5	0,0	0,0	0,2
THE REAL PROPERTY.	Italy	0,6	n/a	n/a	n/a
	United States Canada	1,1	0,5	0,3	0,5
	Janada				

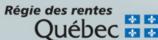
Changes in the number of contributors compared to 2005 (2005=1.0)



OTHER ECONOMIC VARIABLES

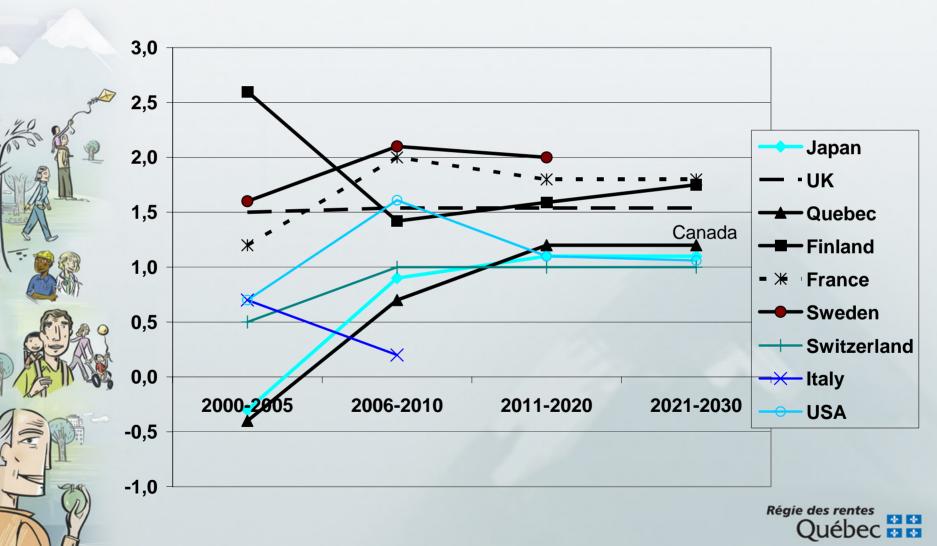
Average inflation rates for the period 2000-2005 and projected inflation rates for 2006-2030





OTHER ECONOMIC VARIABLES

Average real rate of increase in employment earnings



CONCLUSION

- * Significant ageing of the population
- * For most of the participants, between now and 2030, a stagnation or reduction in the labour force
- * Most project a stability in participation of workers aged 55 to 64
- ★ Difference in participation between men and women will continue to decrease
- Low rates of unemployment and job creation expected
- * Low inflation will continue
- * Higher real rate of increase in salaries is expected





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Spasibo спасибо









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