

Ontario Confederation of University Faculty Associations
Financing Higher Education in the Current Economic Climate
Toronto, ON
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Trends in Higher Education Finance: The International Experience

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PENNSTATE



COLLEGE of EDUCATION

CENTER FOR THE STUDY OF HIGHER EDUCATION

Overview

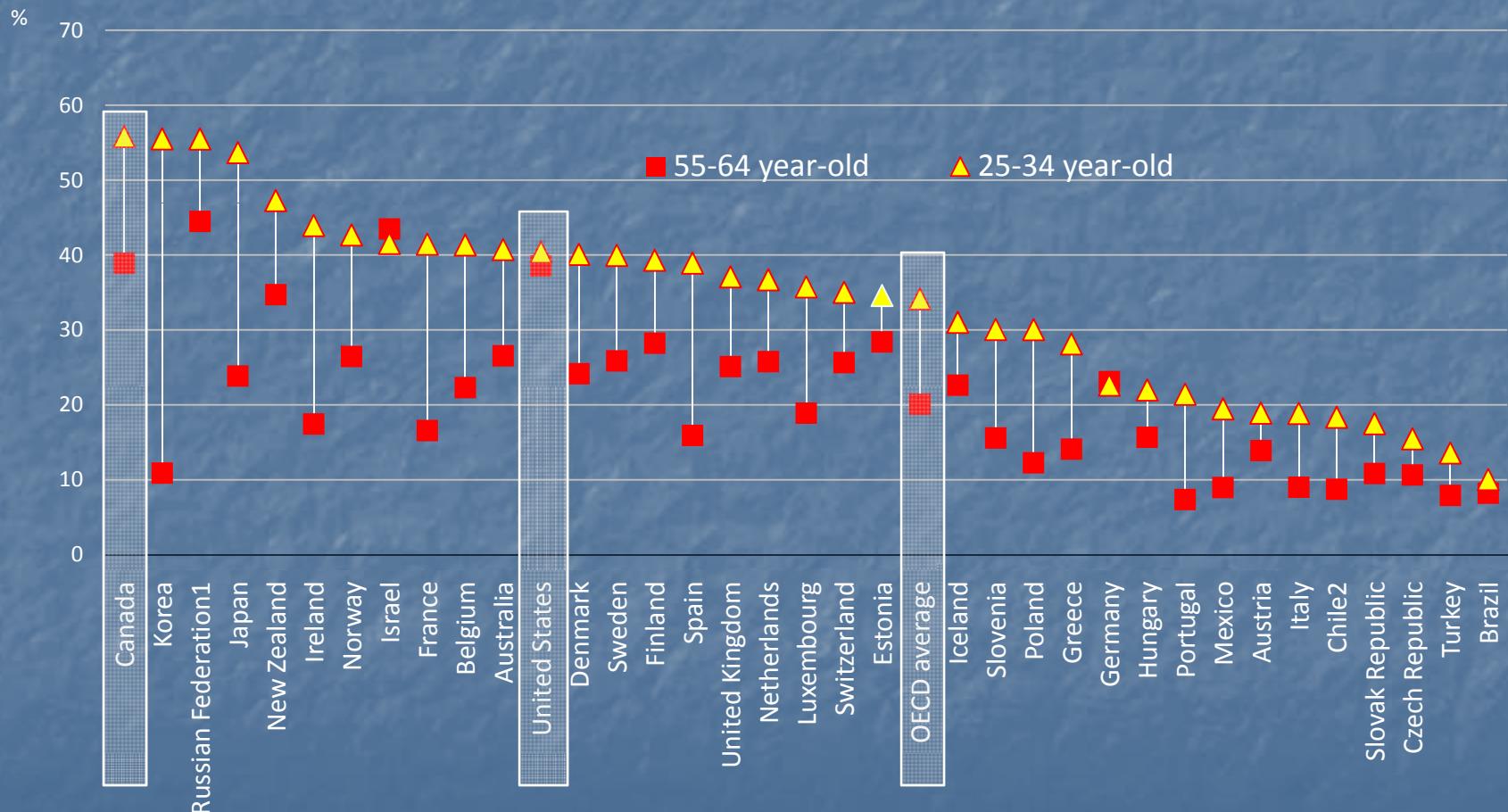
- International trends
- Comparative international data on higher education
- Challenges
- Questions and discussion

International trends in higher education

- Massification
- Shift from public to private sources of funding
- Focus on quality assurance and the role of higher education in serving society and the economy

Tertiary attainment rates

Population that has attained at least tertiary education (2007)
Percentage, by age group



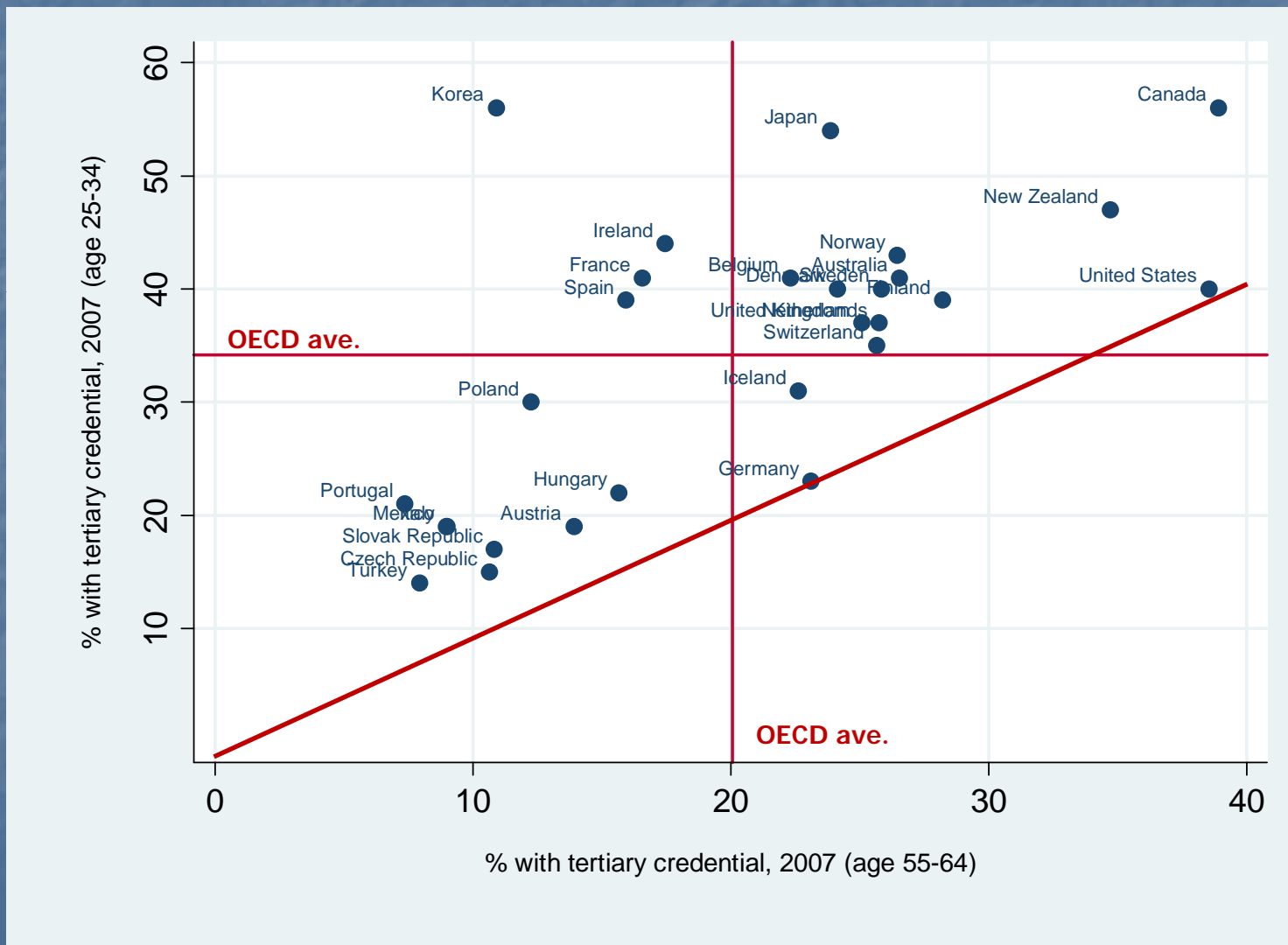
1. Year of reference 2002

2. Year of reference 2004

Countries are ranked in descending order of the percentage of 25-34 year-olds who have attained at least tertiary education.

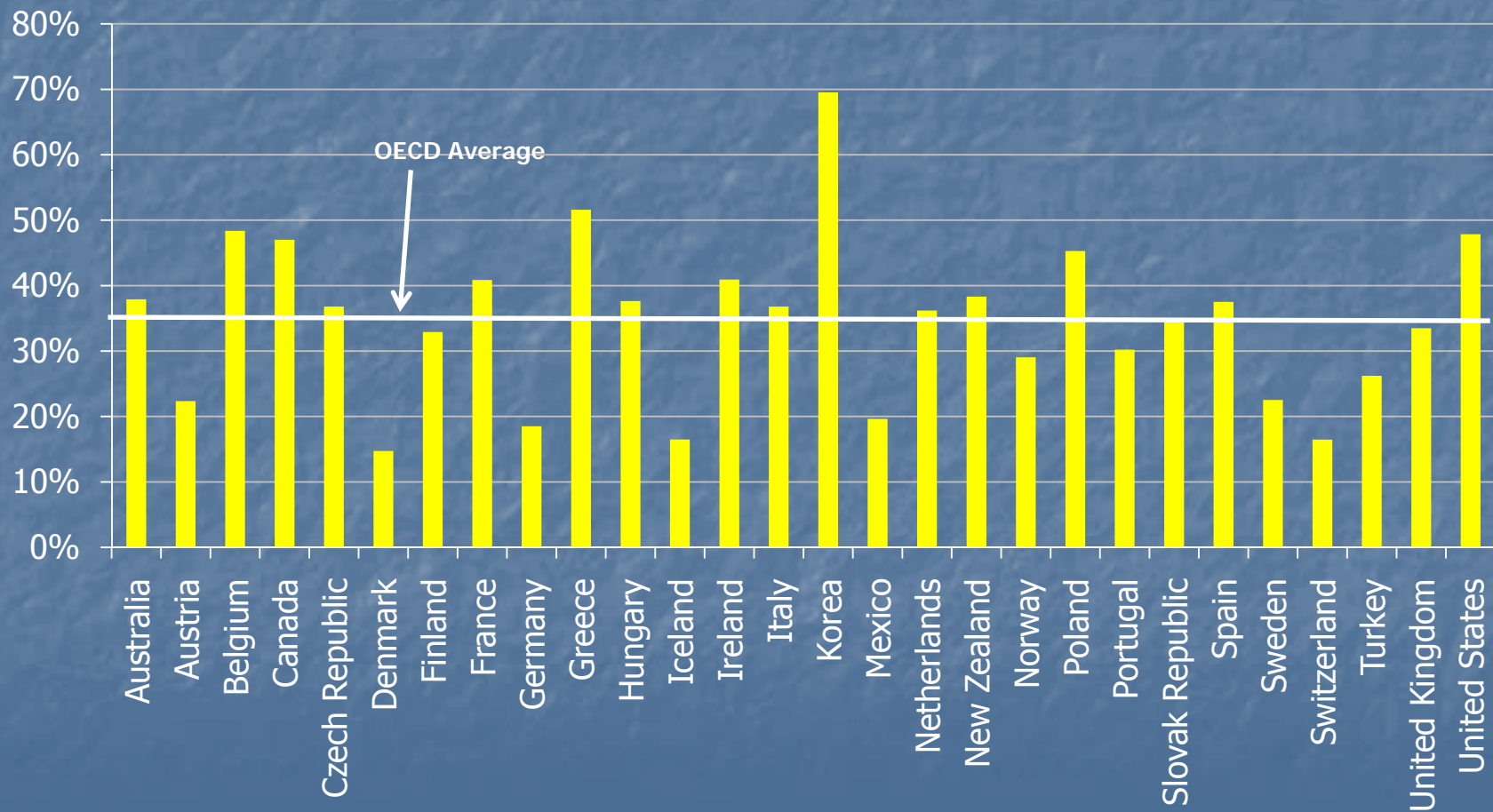
Source: OECD. Table A1.3a. See Annex 3 for notes (www.oecd.org/edu/eag2009).

Changes in attainment rates



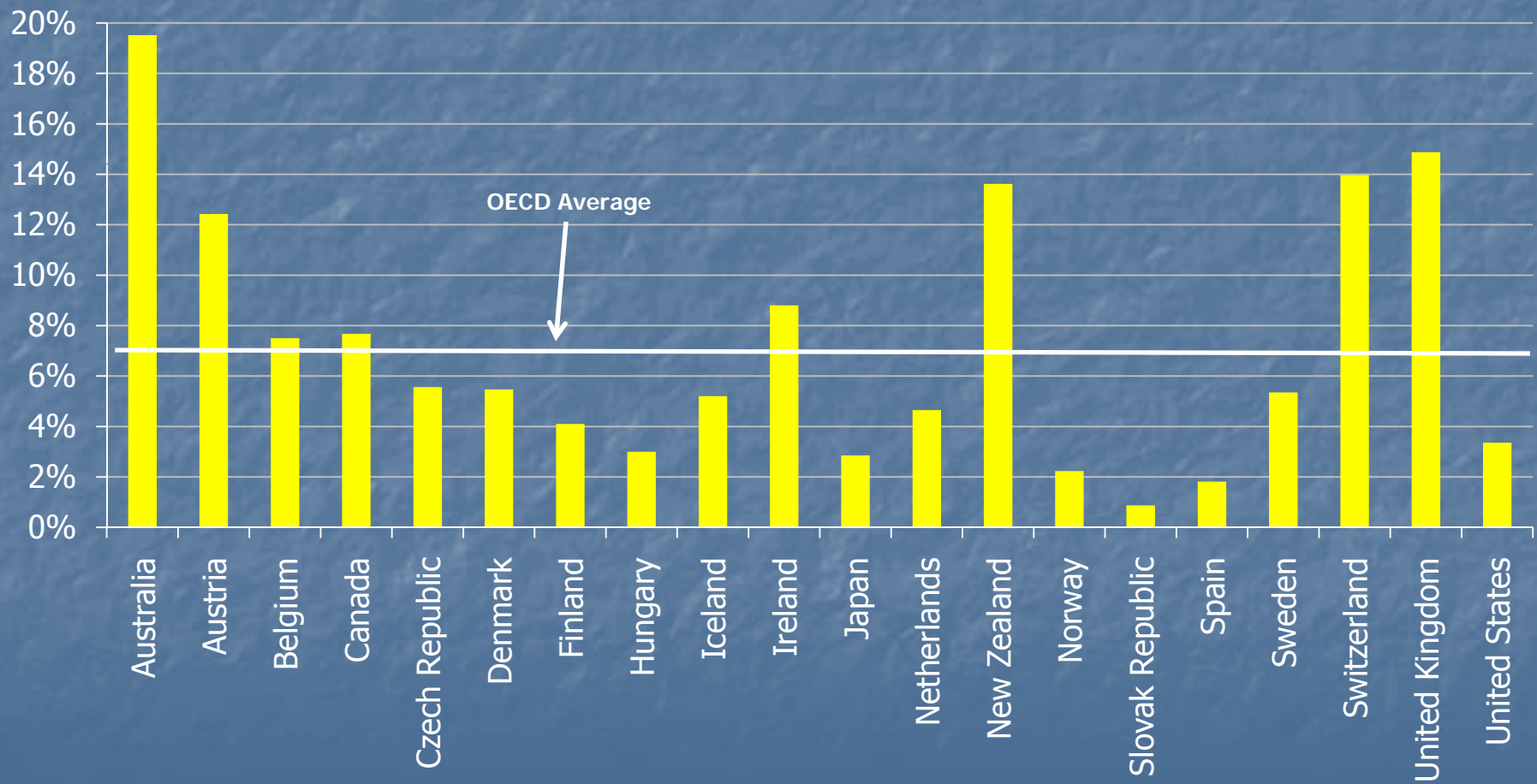
Tertiary enrolment rates

Enrolment rates of 20 year-olds in tertiary education, 2007



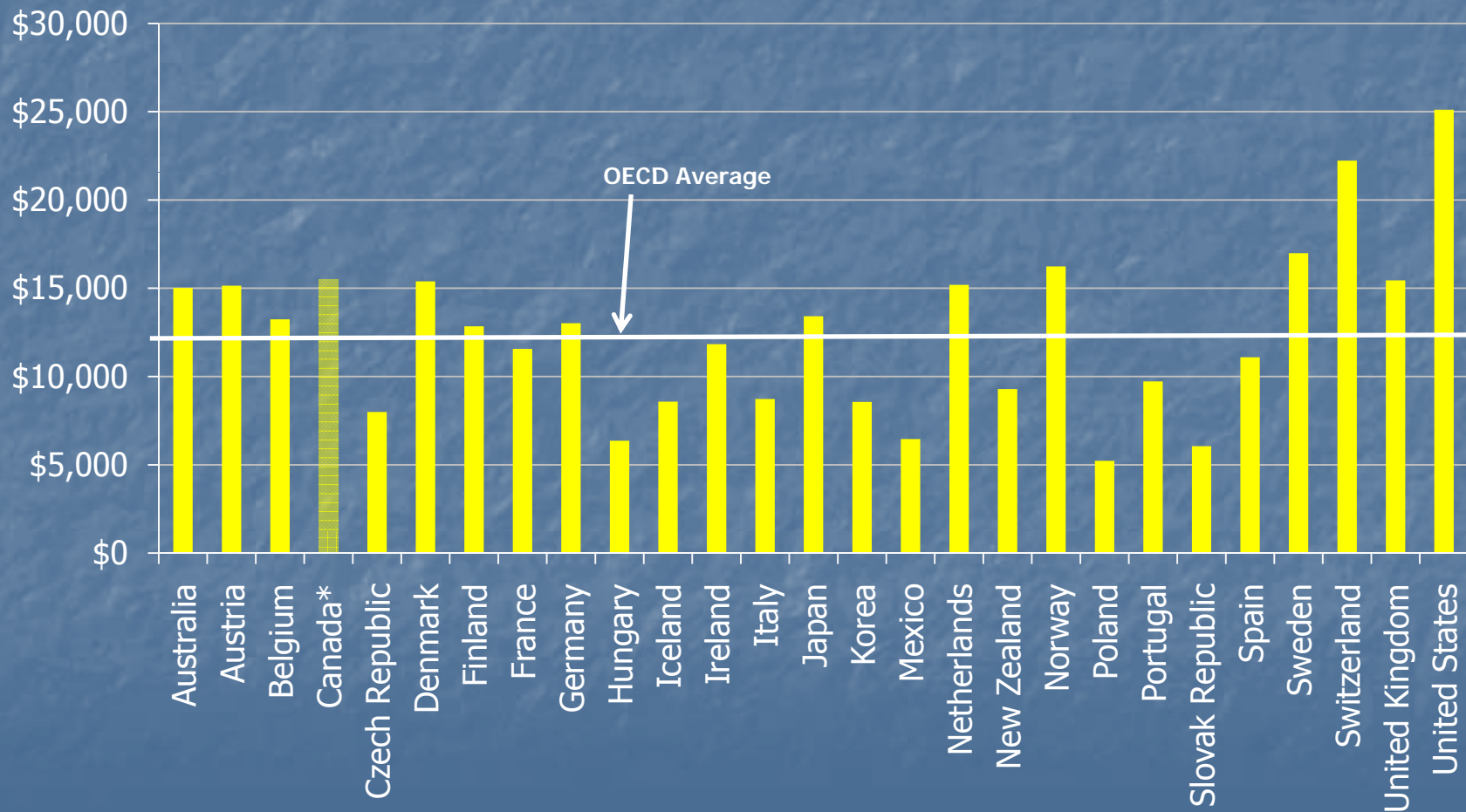
International students

Proportion of international students in tertiary education, 2007

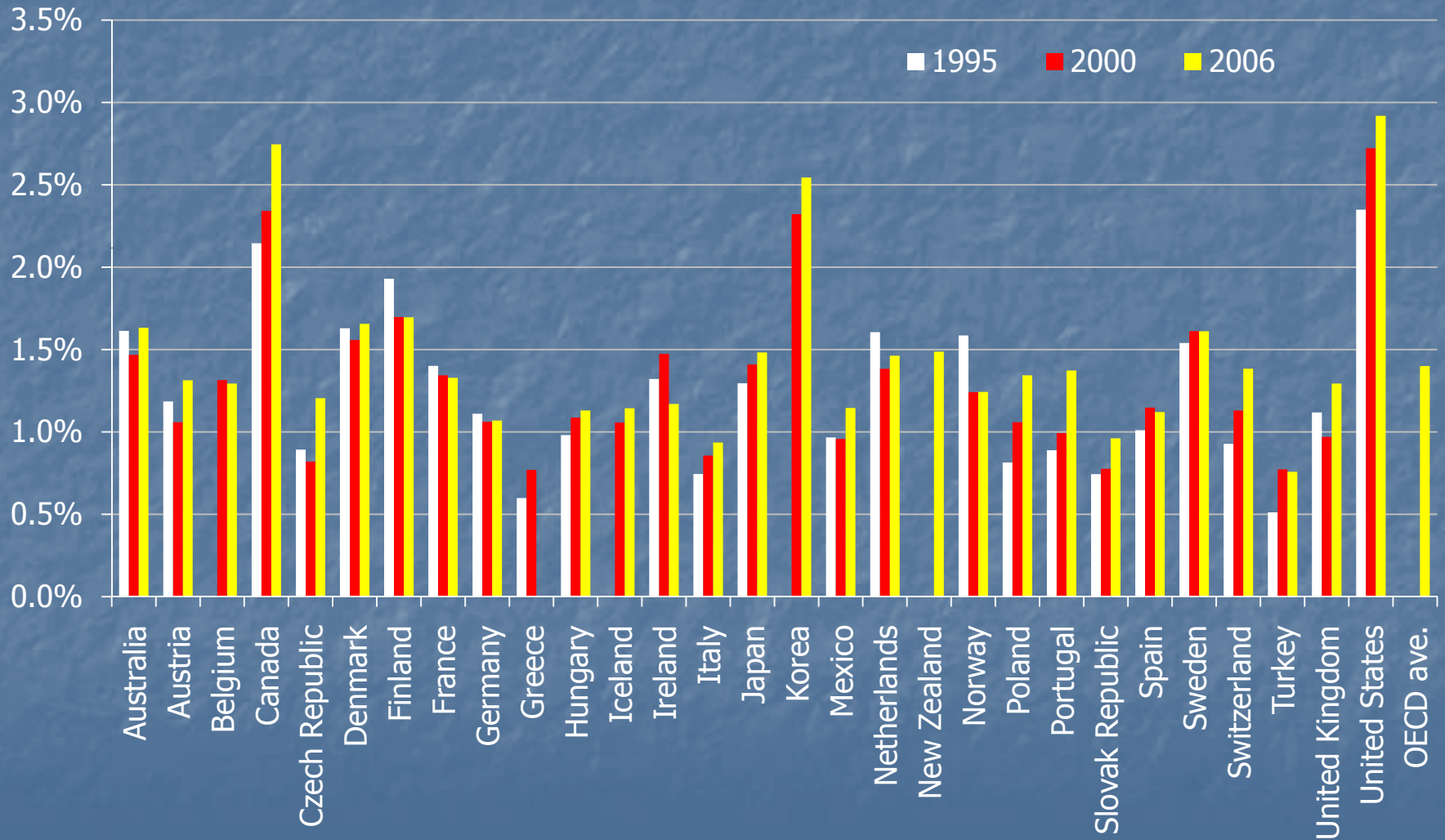


Spending on tertiary education

Tertiary education spending per student, 2006 (\$US PPP)

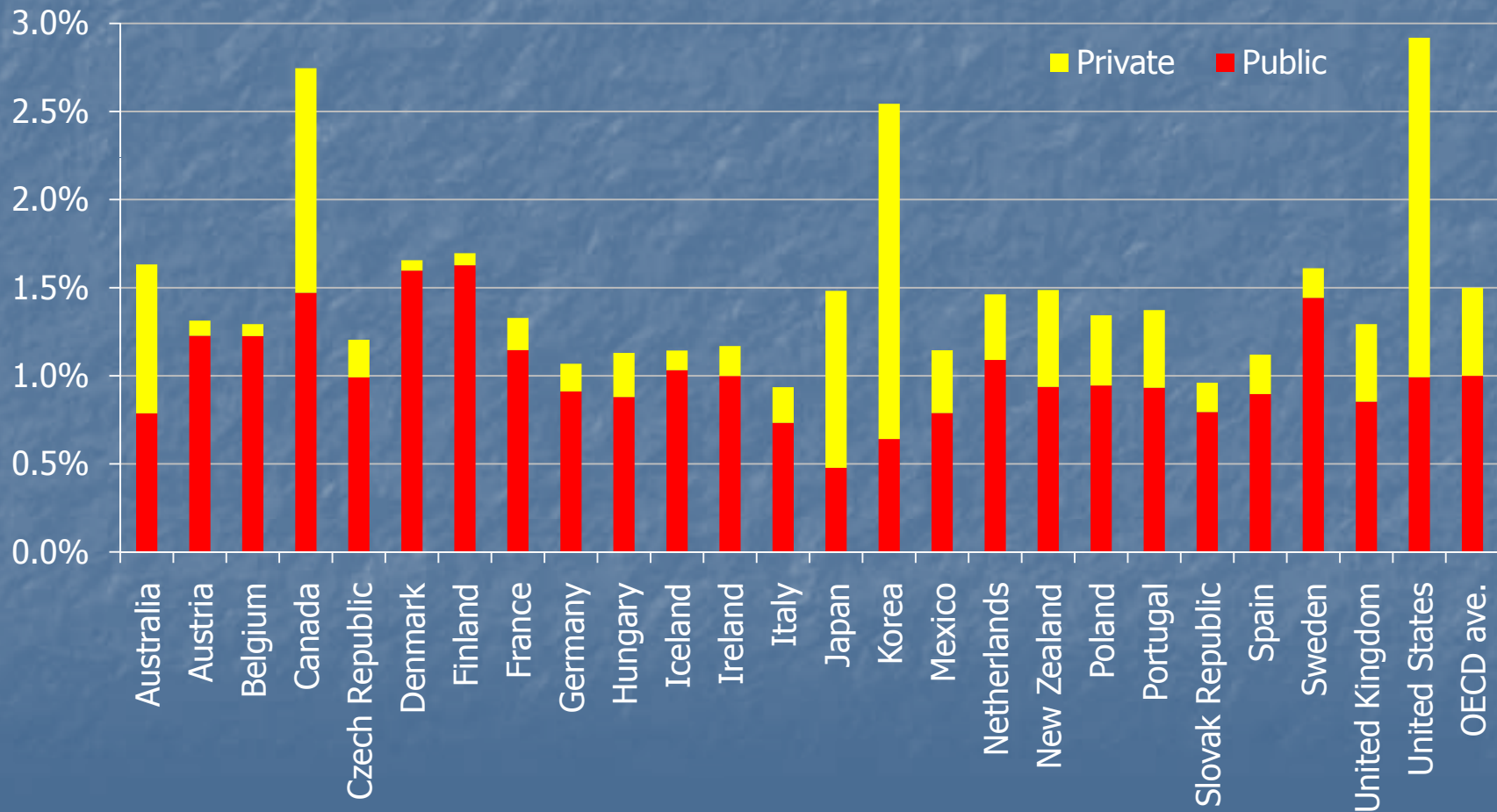


Tertiary education spending as % of GDP

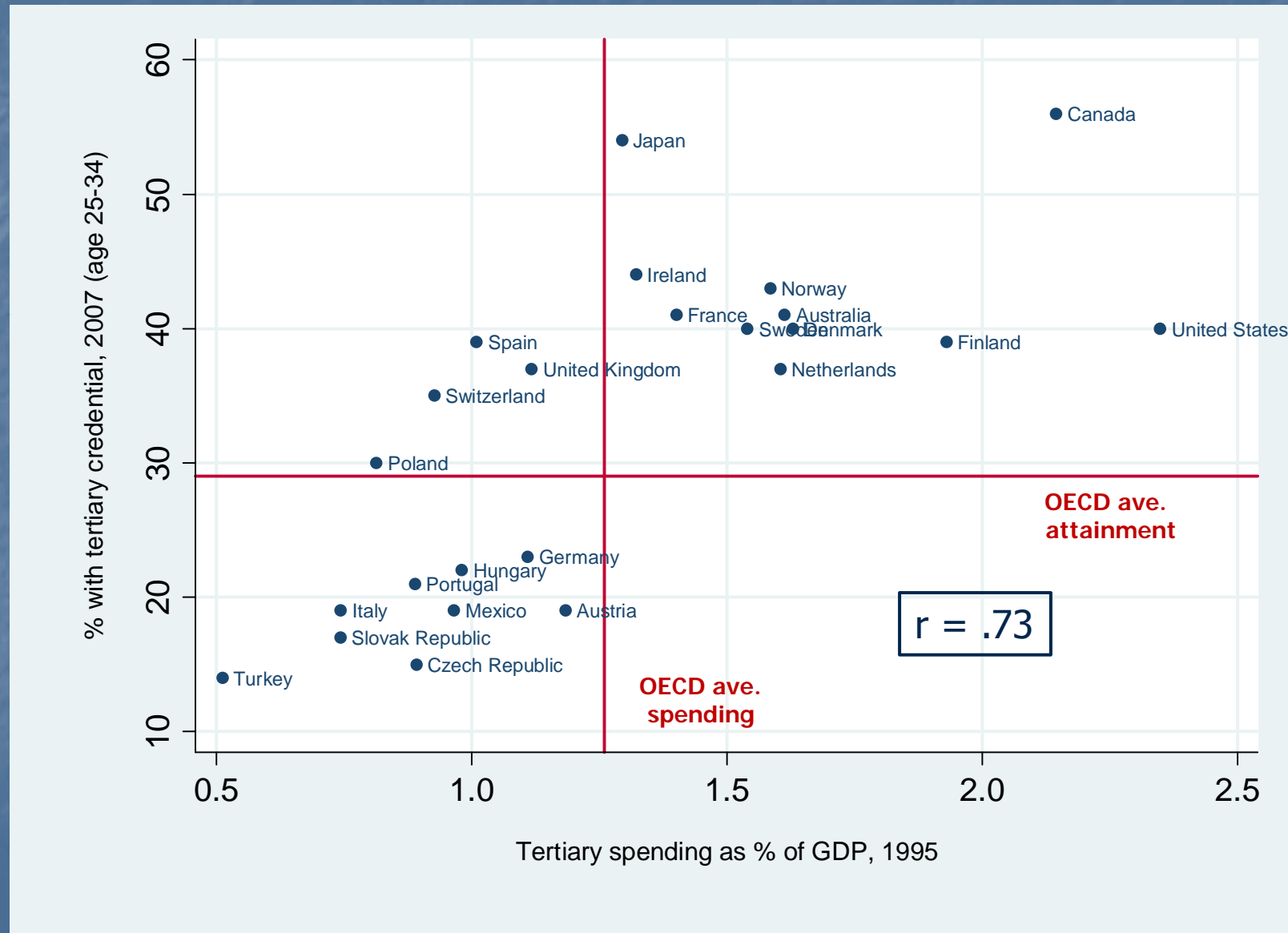


Public and private investment in tertiary education

Public and private expenditures on tertiary education as % of GDP, 2006

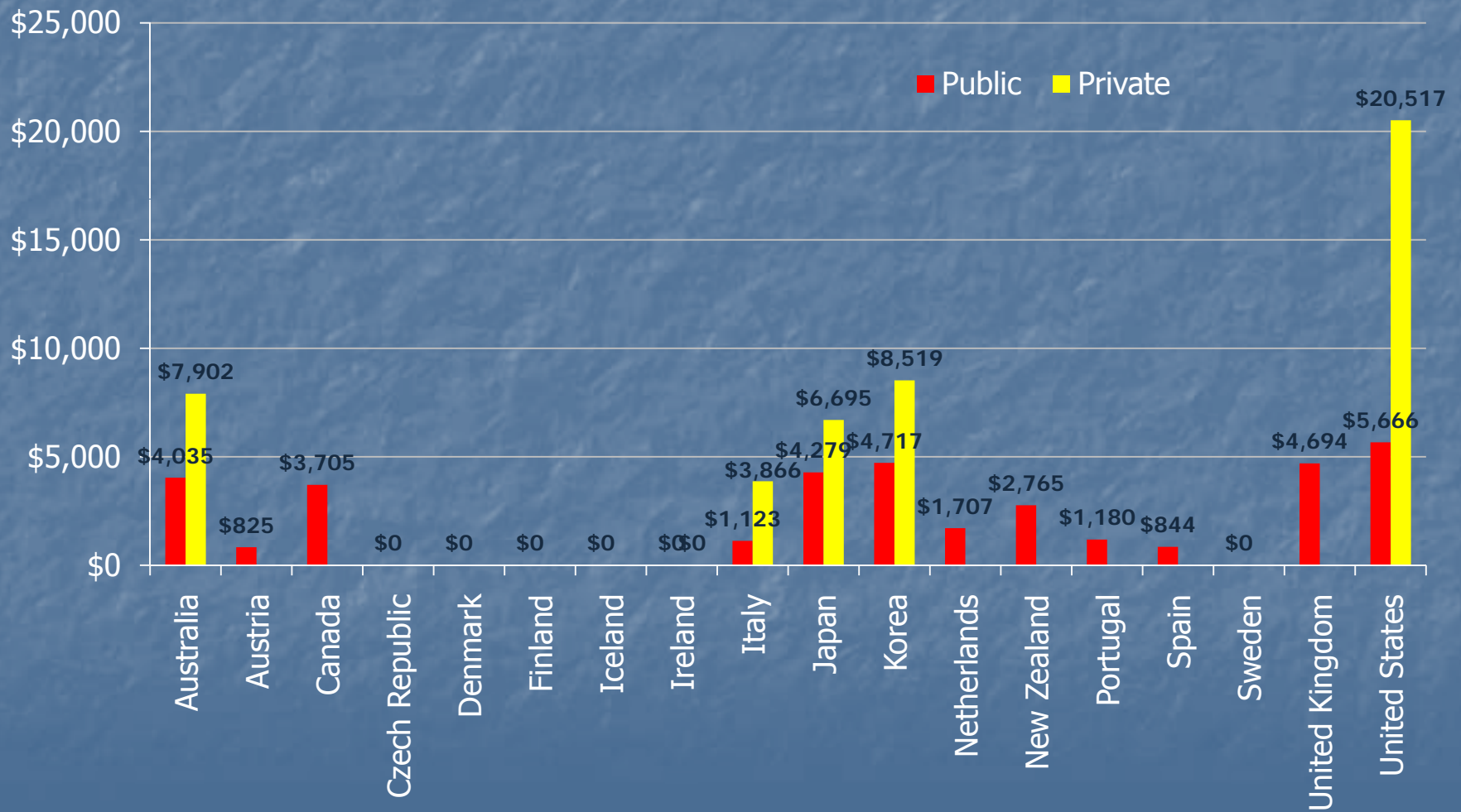


Relationship between spending and attainment



Tuition charges

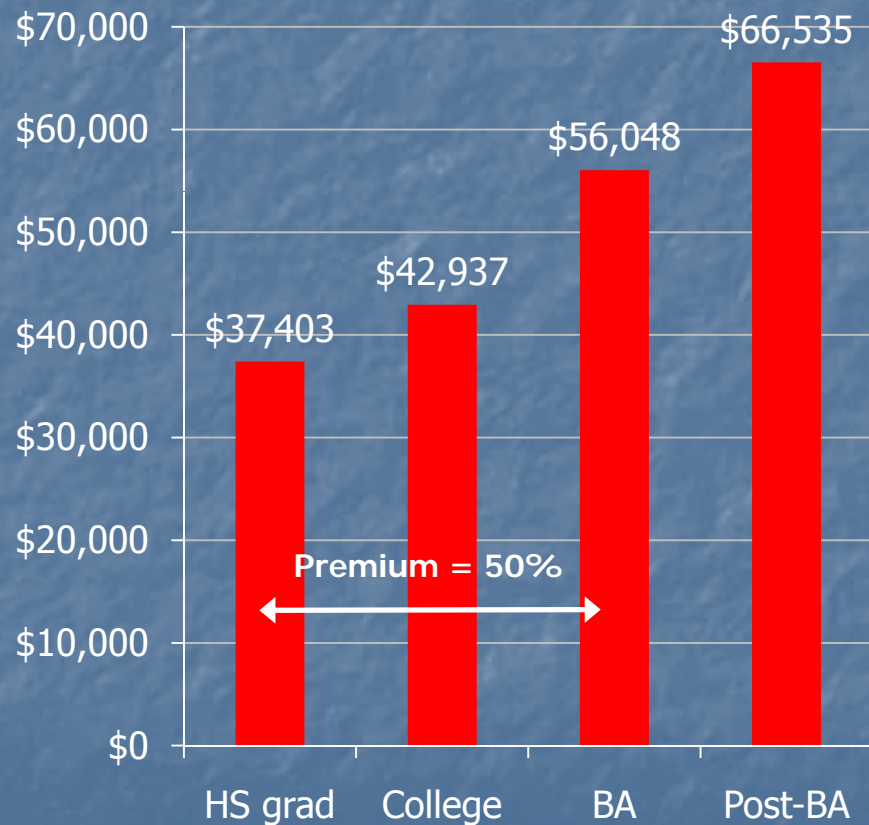
Average university tuition fee charges, 2006 (\$US PPP)



The importance of education

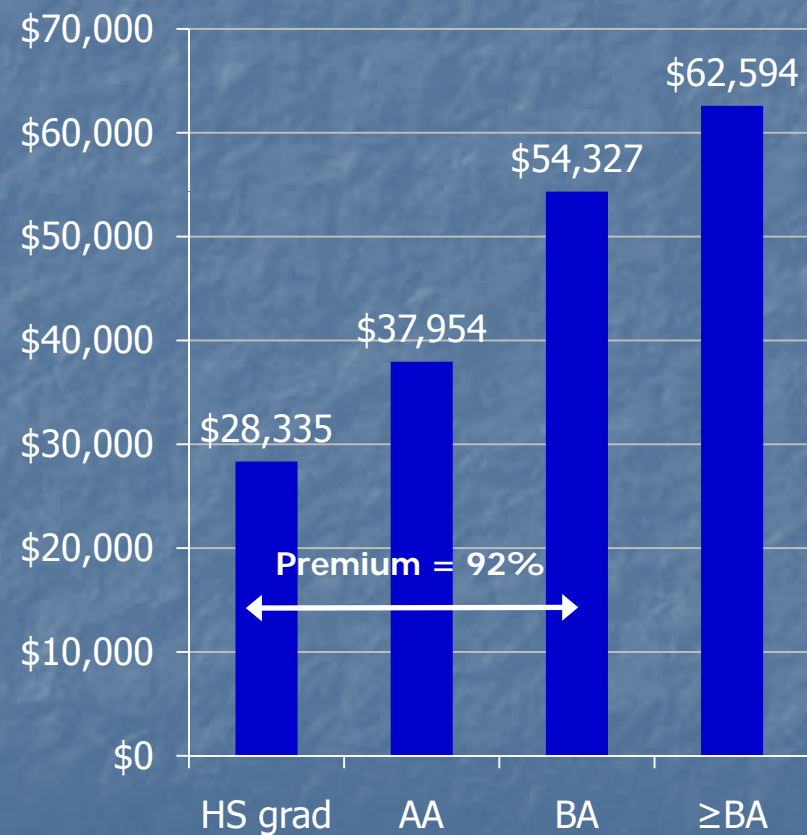
Earnings by educational attainment, 2005

Canada



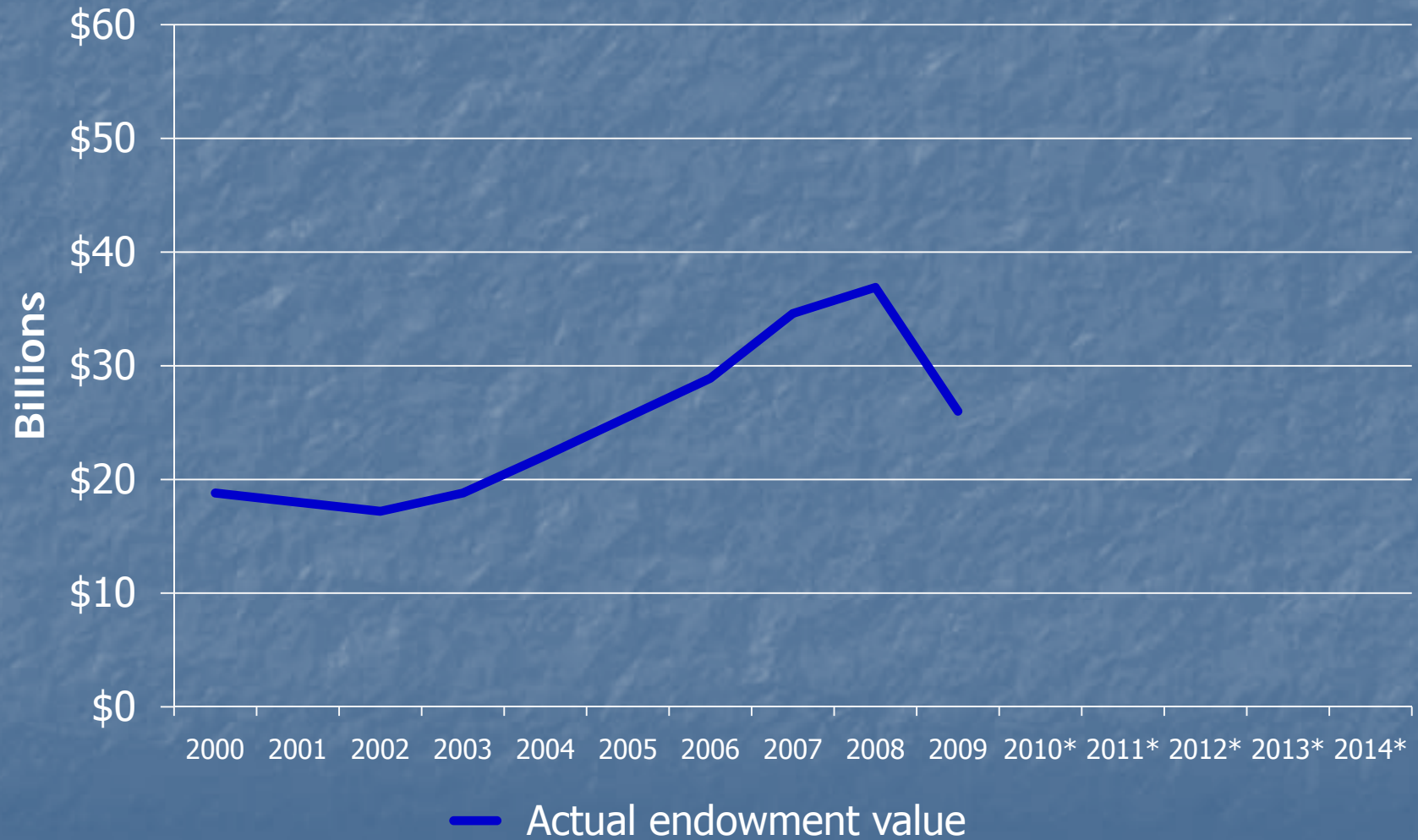
Individuals 25 – 64, CAN\$

US



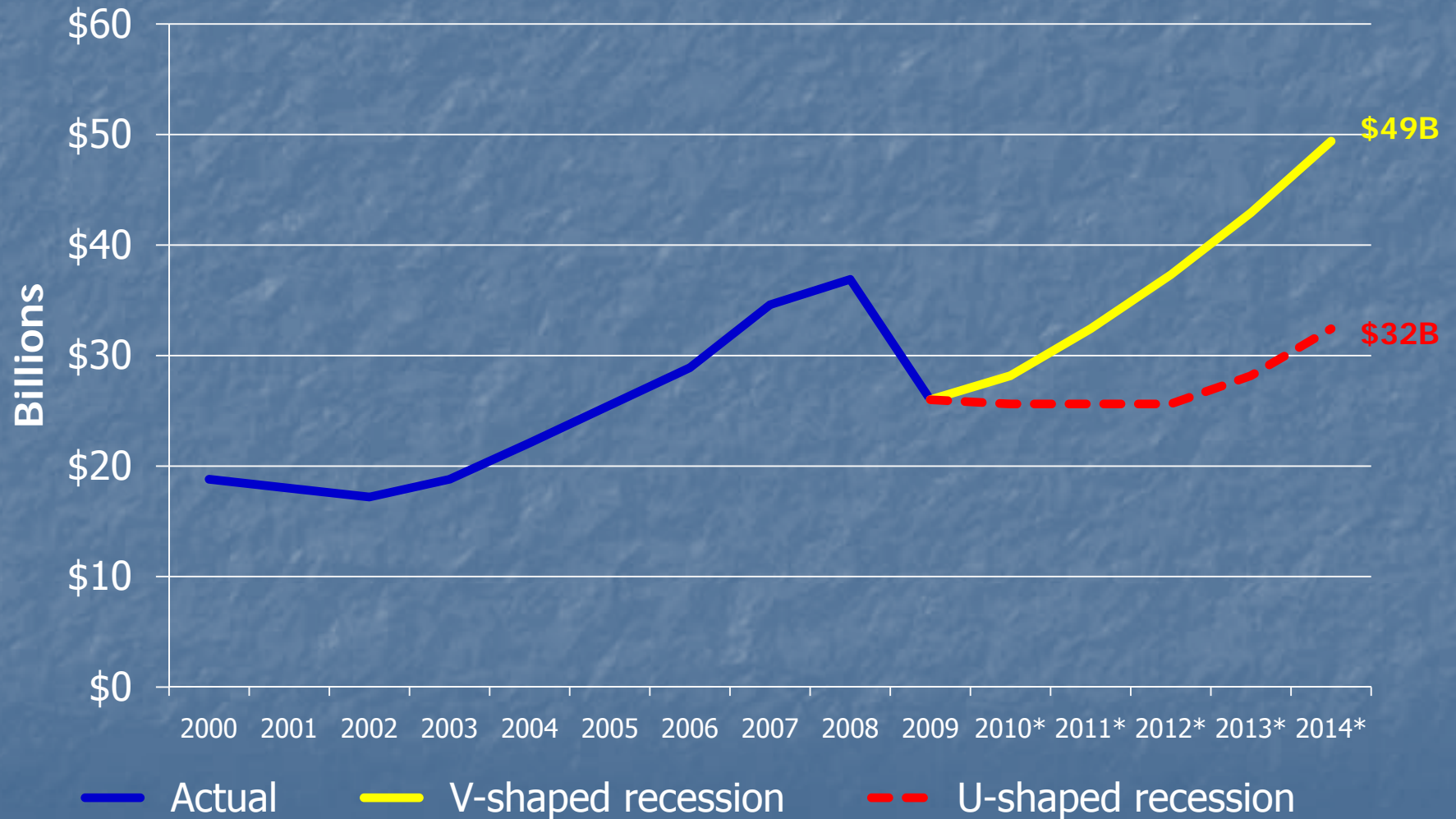
Individuals 25 and over, US\$

Endowment value – Harvard University



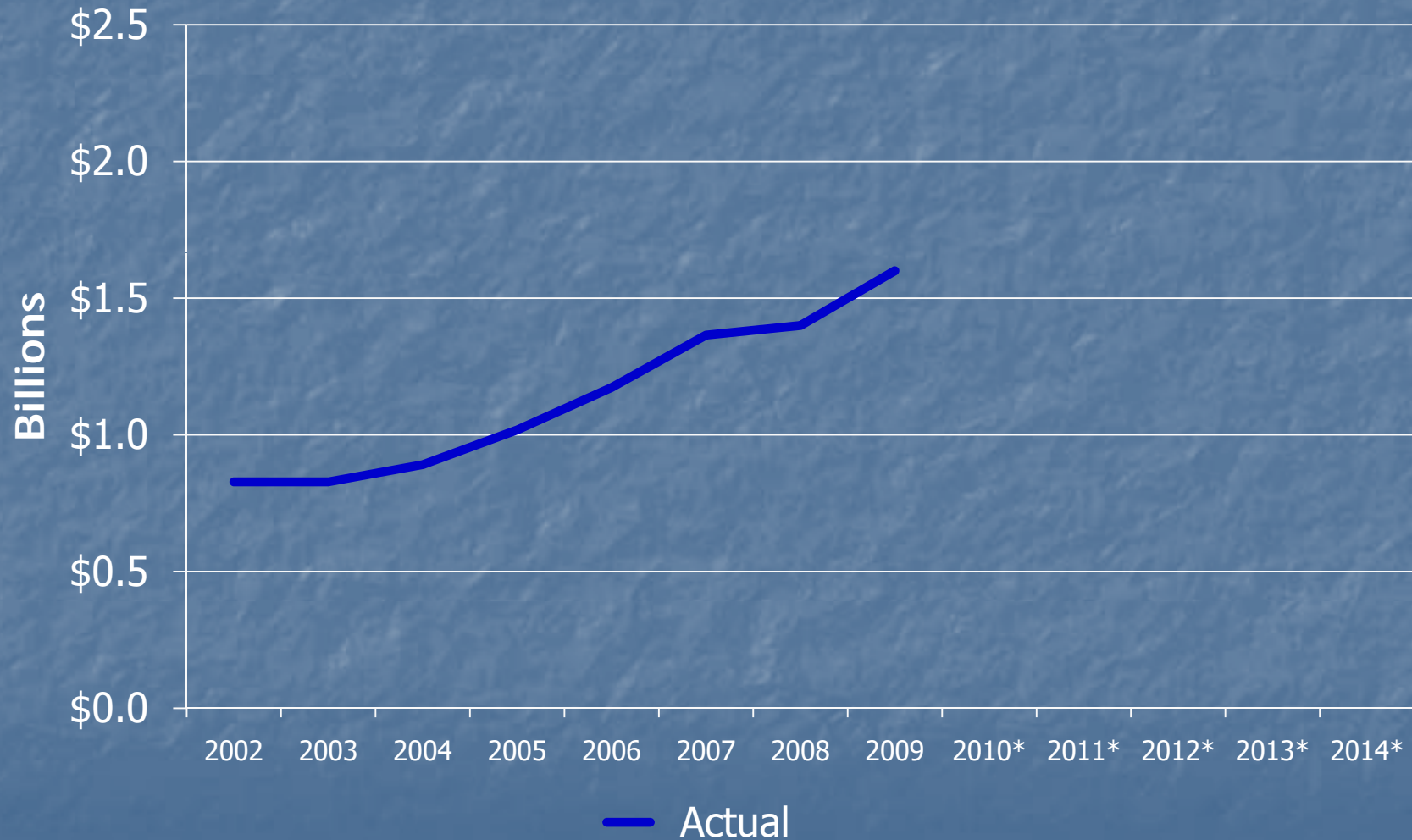
*Projected

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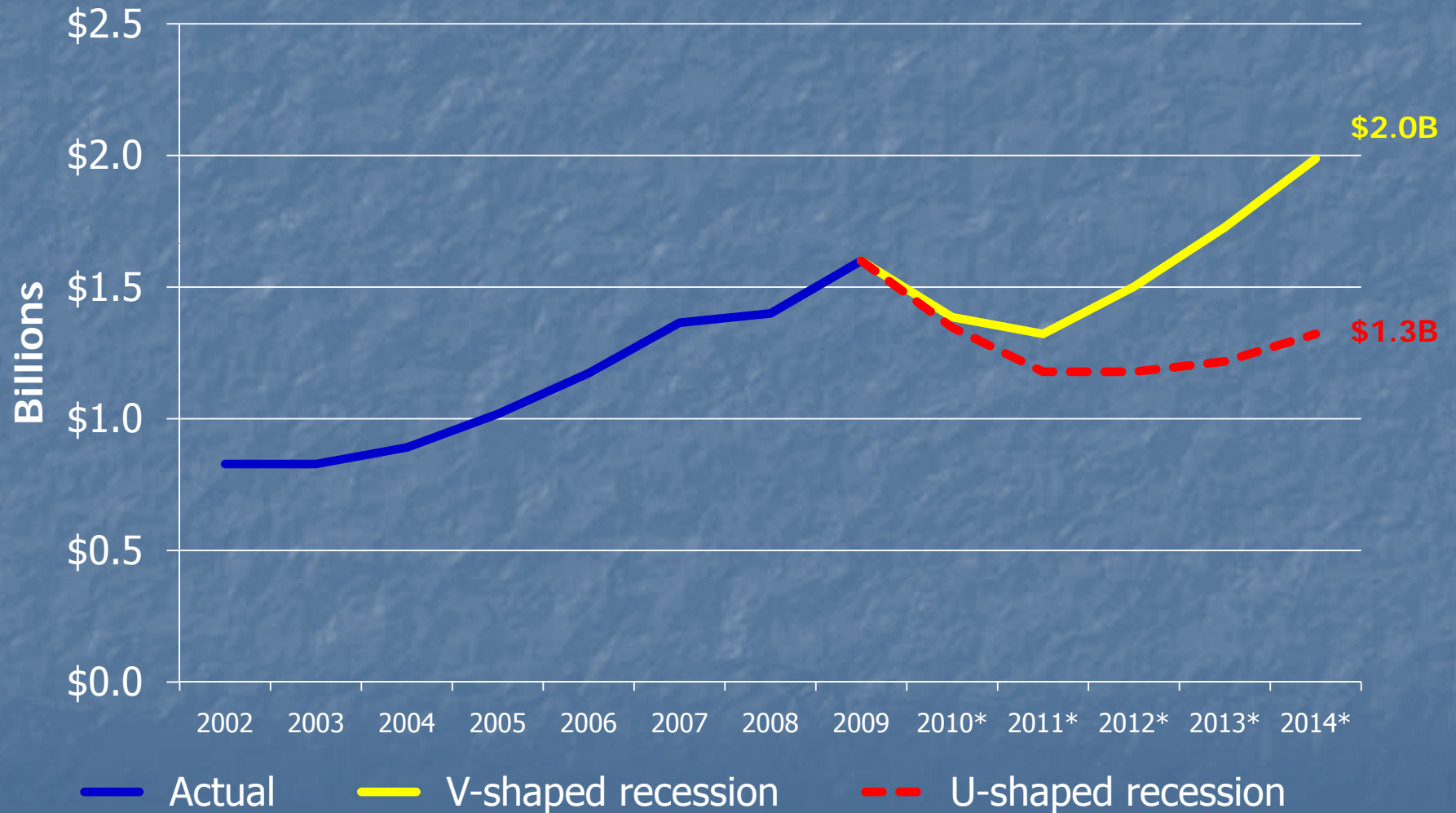
Endowment payout – Harvard University



4.6% payout rate, 3-year average

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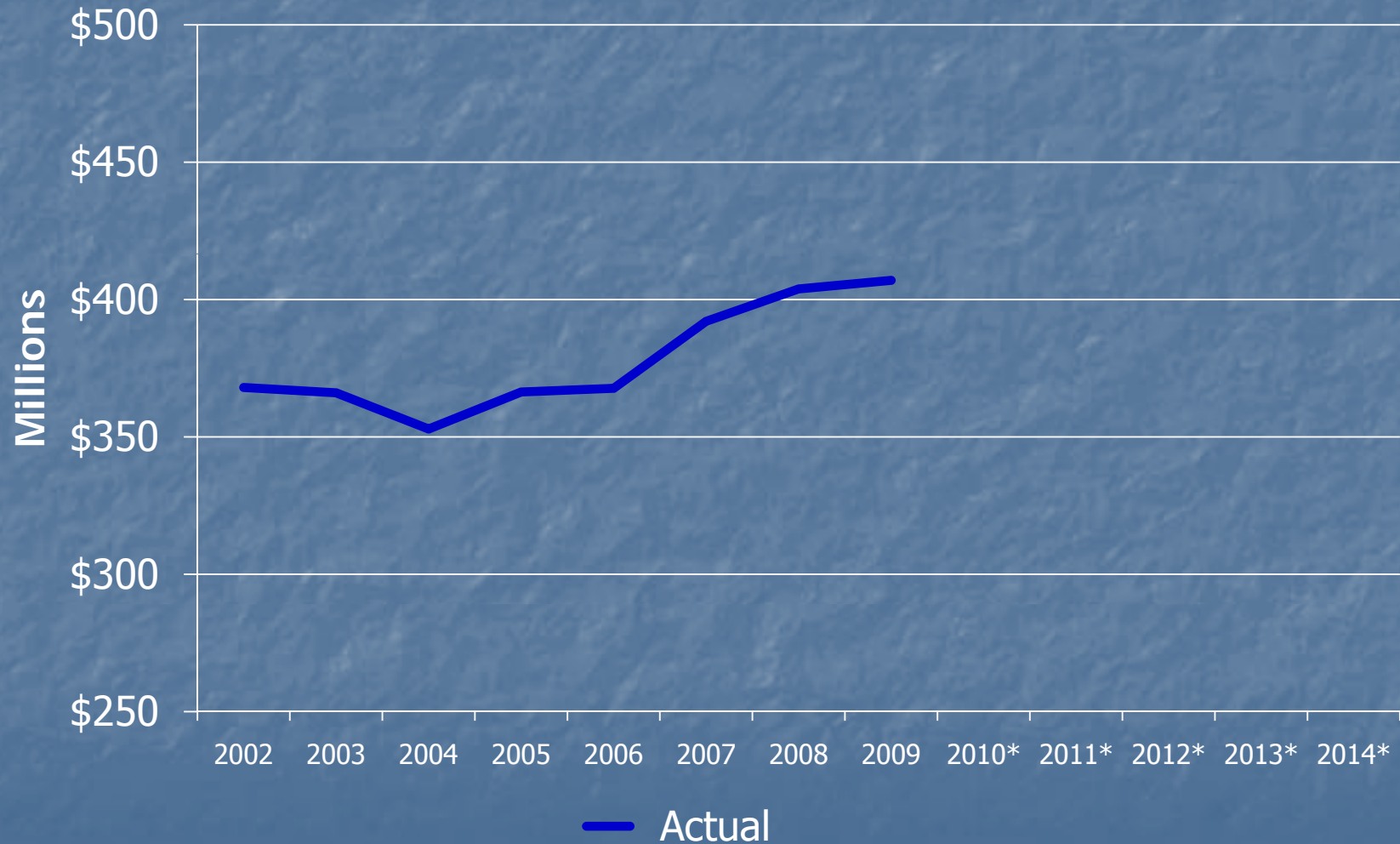
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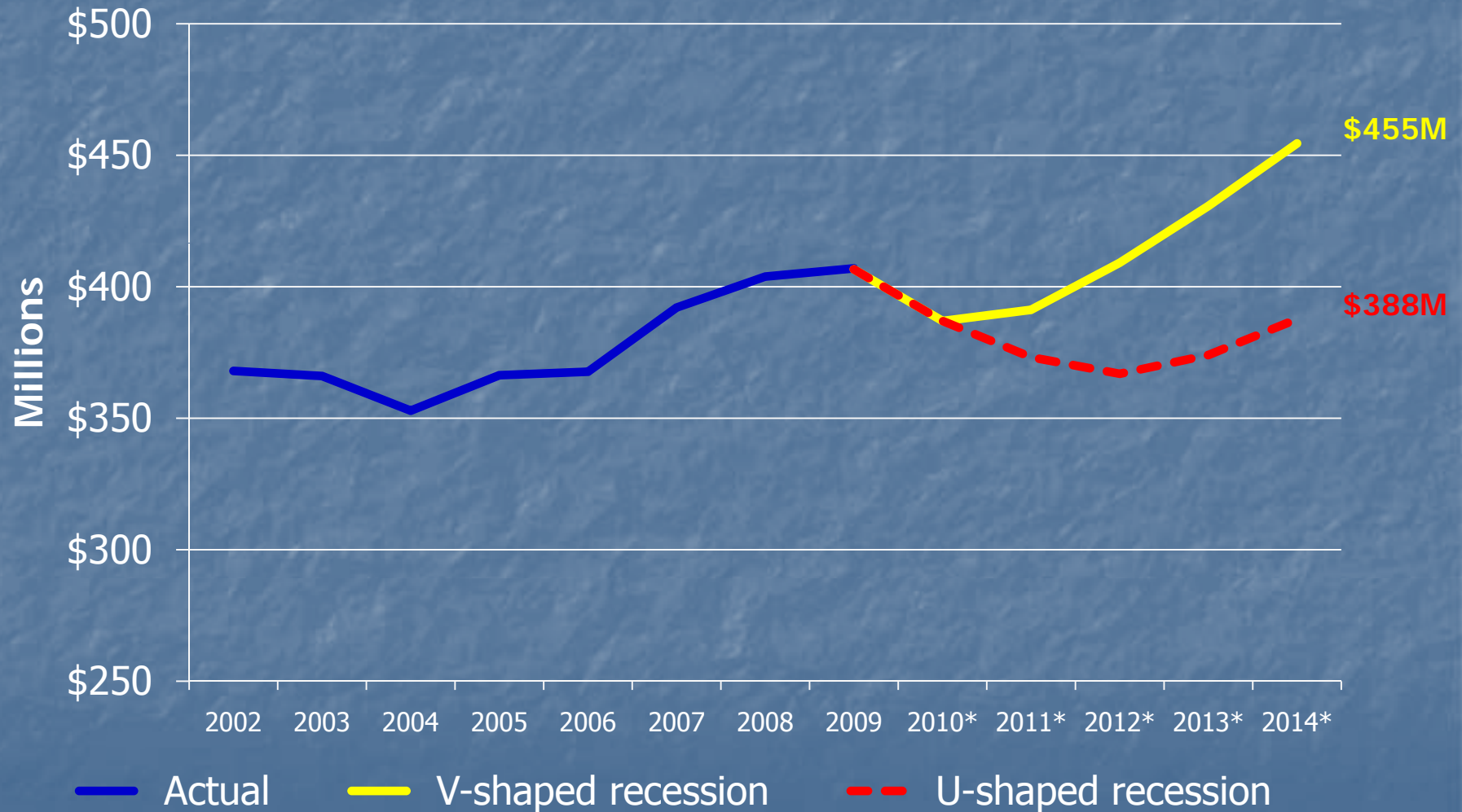
*Projected

Endowment payout & appropriations – Penn State



*Projected

Endowment payout & appropriations – Penn State



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Public funding for higher education in three countries

	U.S.	England	Canada
Public/private funding mix (2006)	34%/66%	65%/35% (UK)	53%/47%

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Grants	Federal/state/ institutional	Federal/ institutional	Federal/ Provincial institutional

The challenges of affecting access and attainment through public policy levers are quite different in the three countries

Challenges

- Continuing demands for public support of higher education
 - Expansion – access *and* completion
 - Maintaining (or increasing) quality
- The role of private funding
 - Increasing tuition fees
 - Private, philanthropic support
 - Business support
- Ensuring equity
 - Financial, academic, and cultural barriers
- Managing the migration of students
 - Spaces
 - Revenue implications
 - Quality

Questions and discussion

<http://www.personal.psu.edu/deh29>