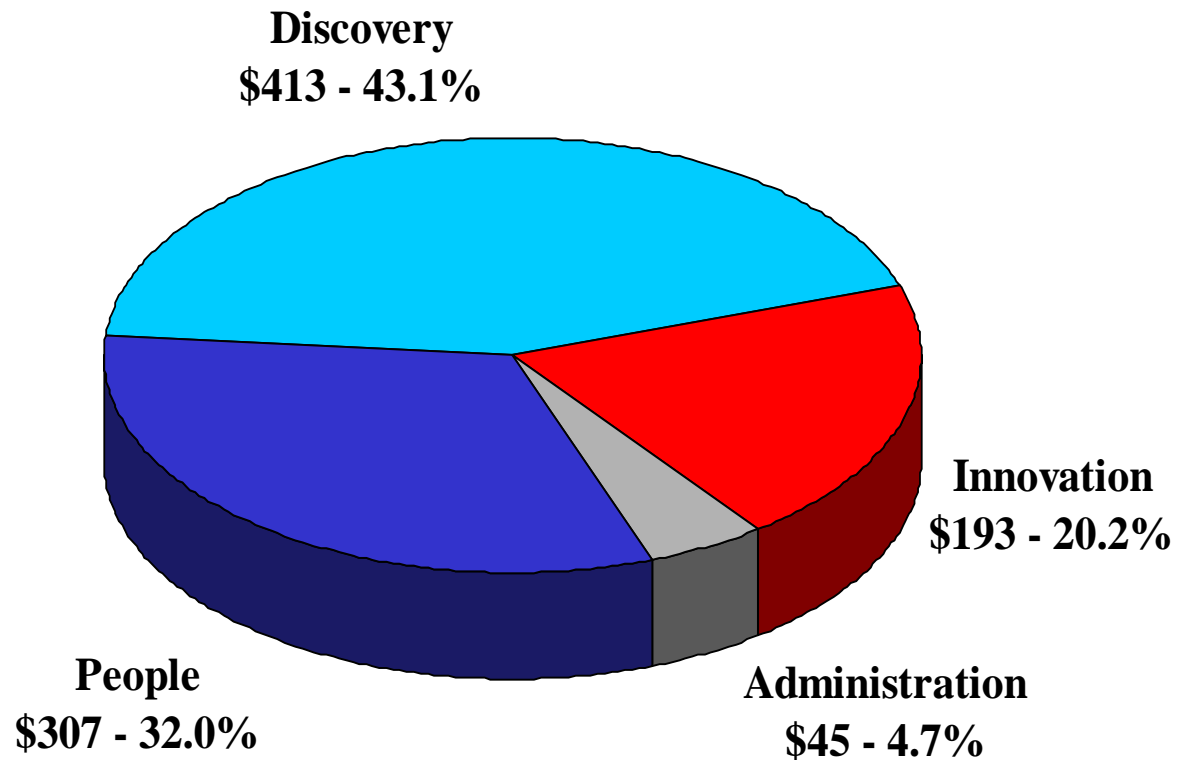
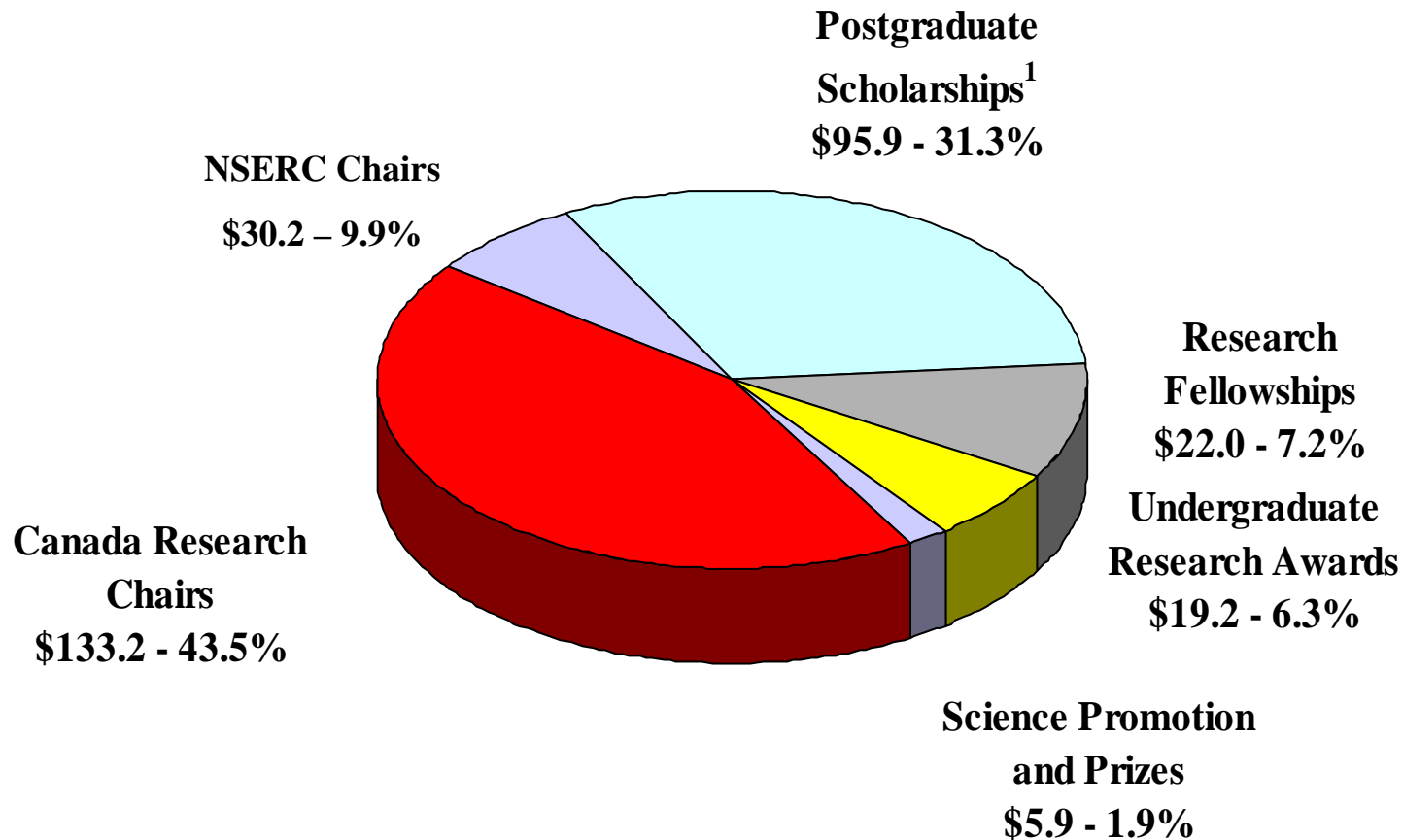


# NSERC Budget 2007-08 (millions of dollars)



**Total: \$958**

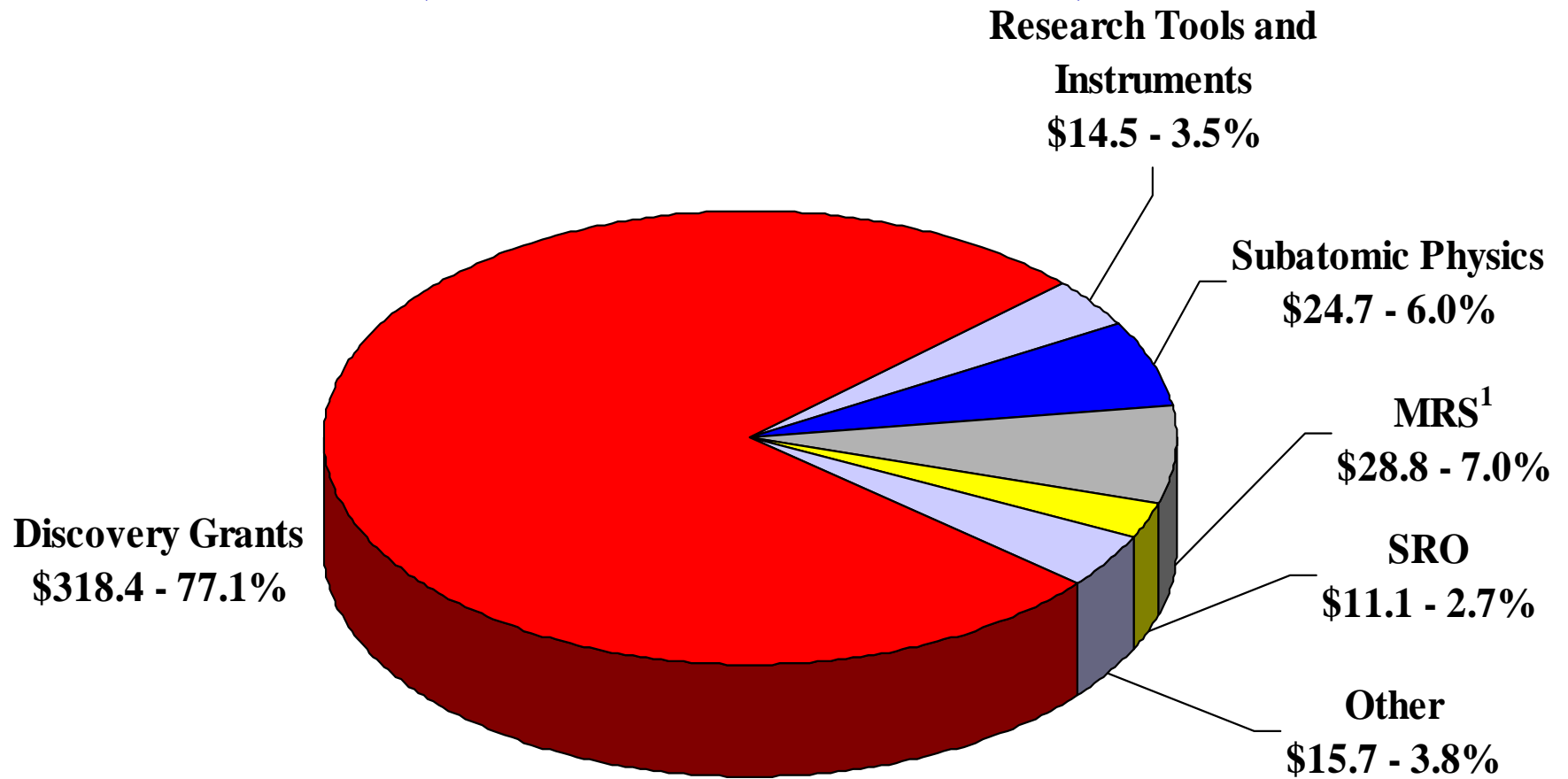
# People Programs Budget 2007-08 (millions of dollars)



**Total: \$307**

1. Includes Canada Graduate Scholarships (\$37.5).

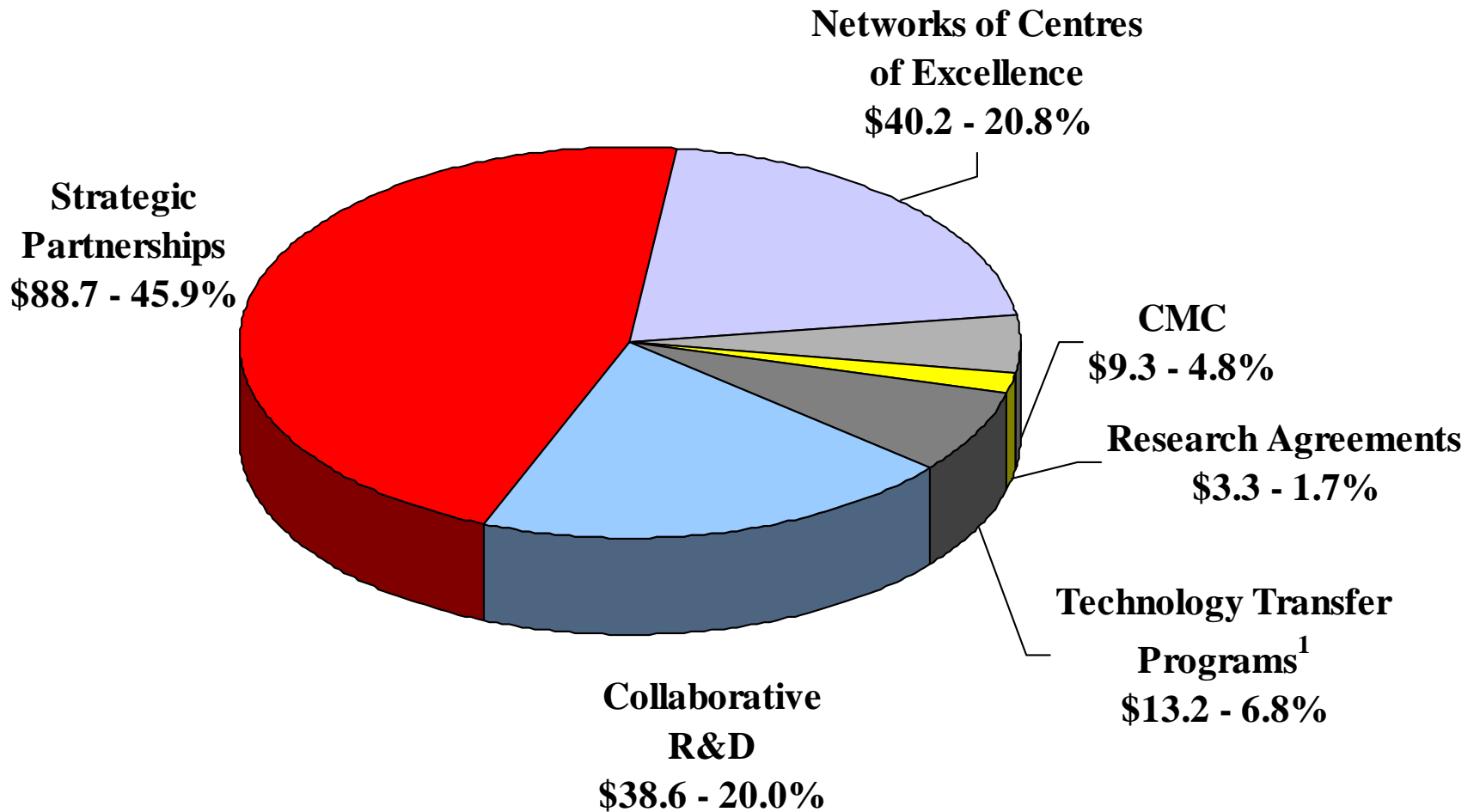
# Discovery Programs Budget 2007-08 (millions of dollars)



**Total: \$413**

1. Includes Canadian Light Source funding from NRC (\$3M) and Budget 2004 (\$6M).

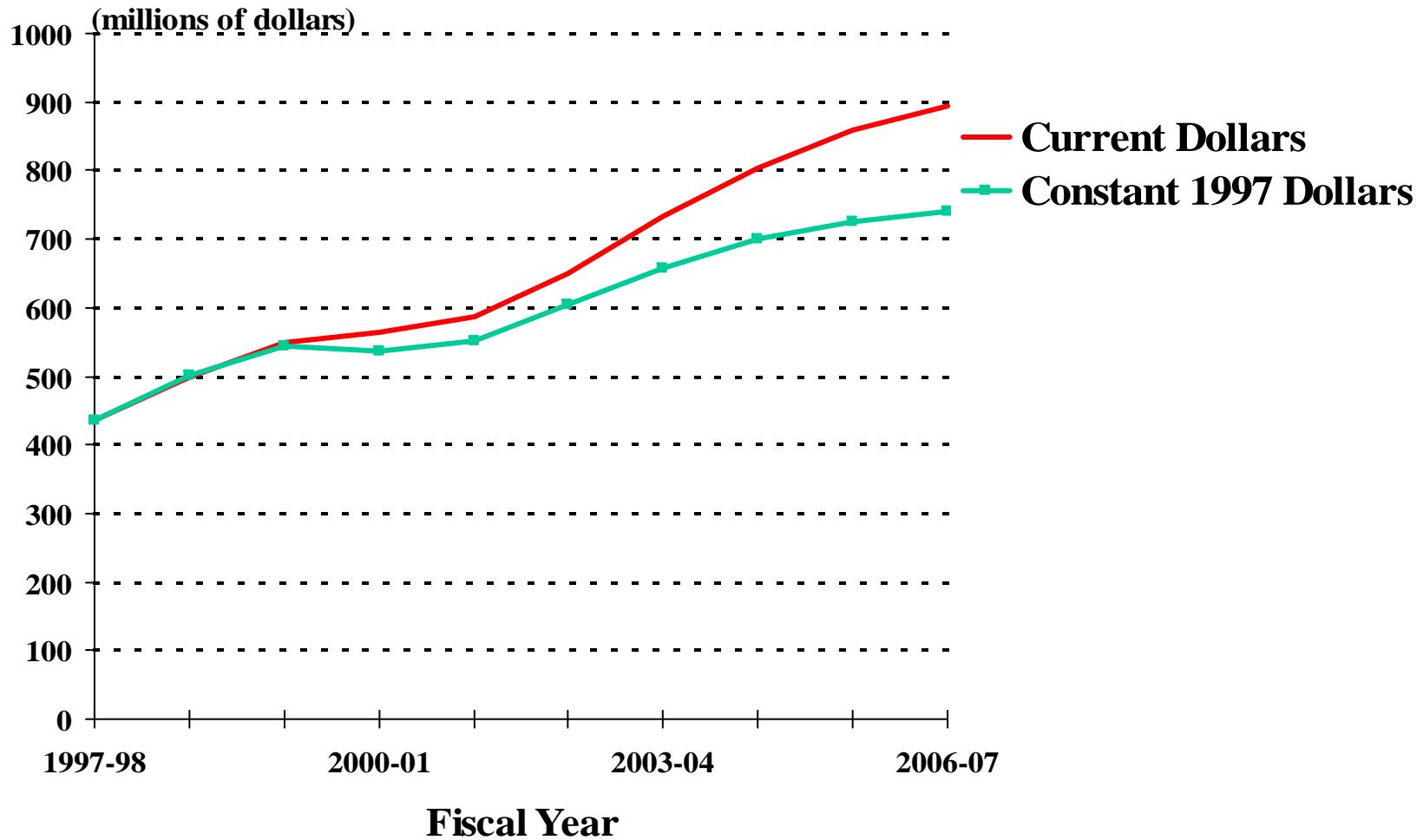
# Innovation Programs Budget 2007-08 (millions of dollars)



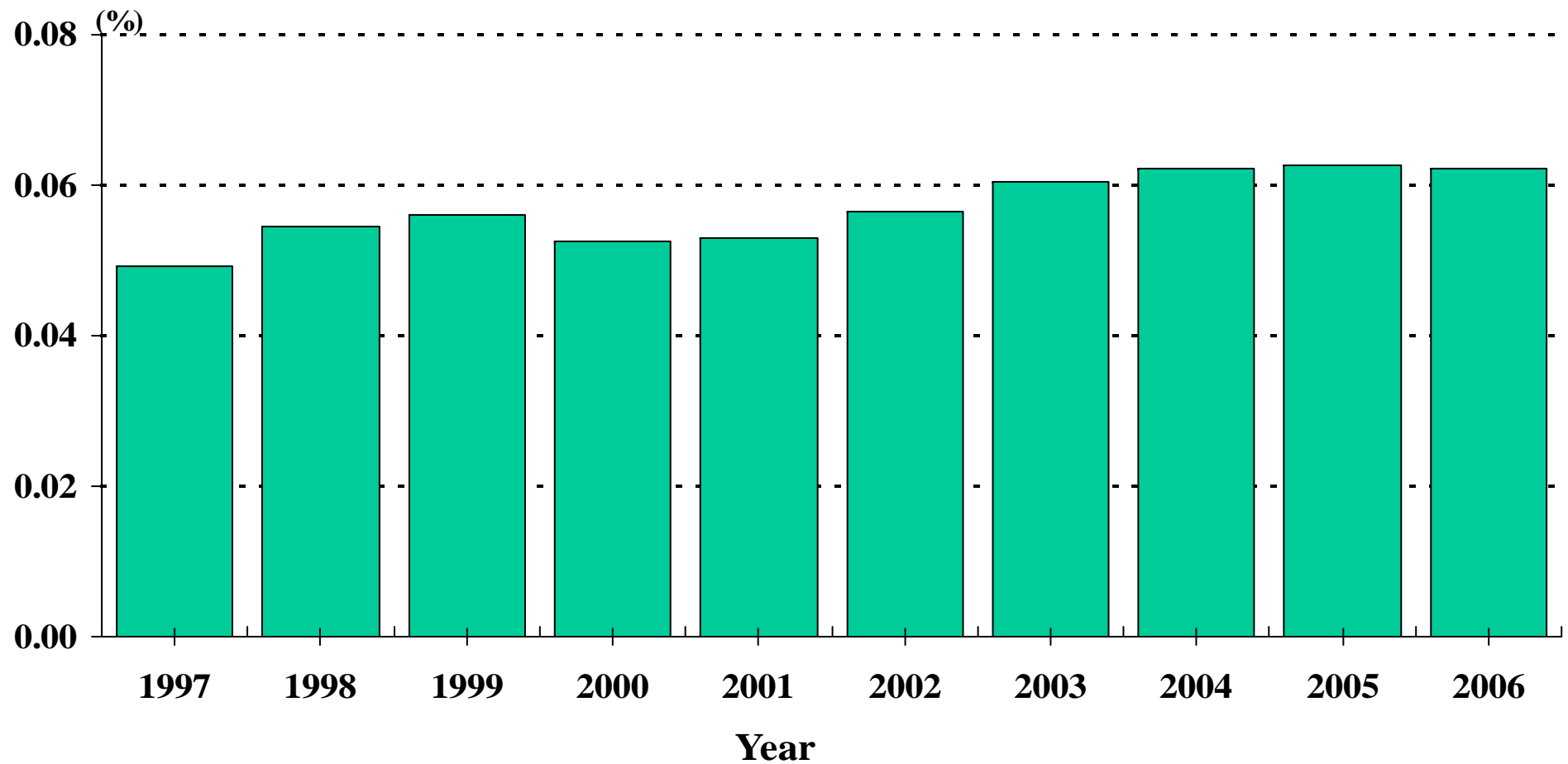
**Total: \$193**

1. Includes College and Community Innovation Program (\$0.3M).

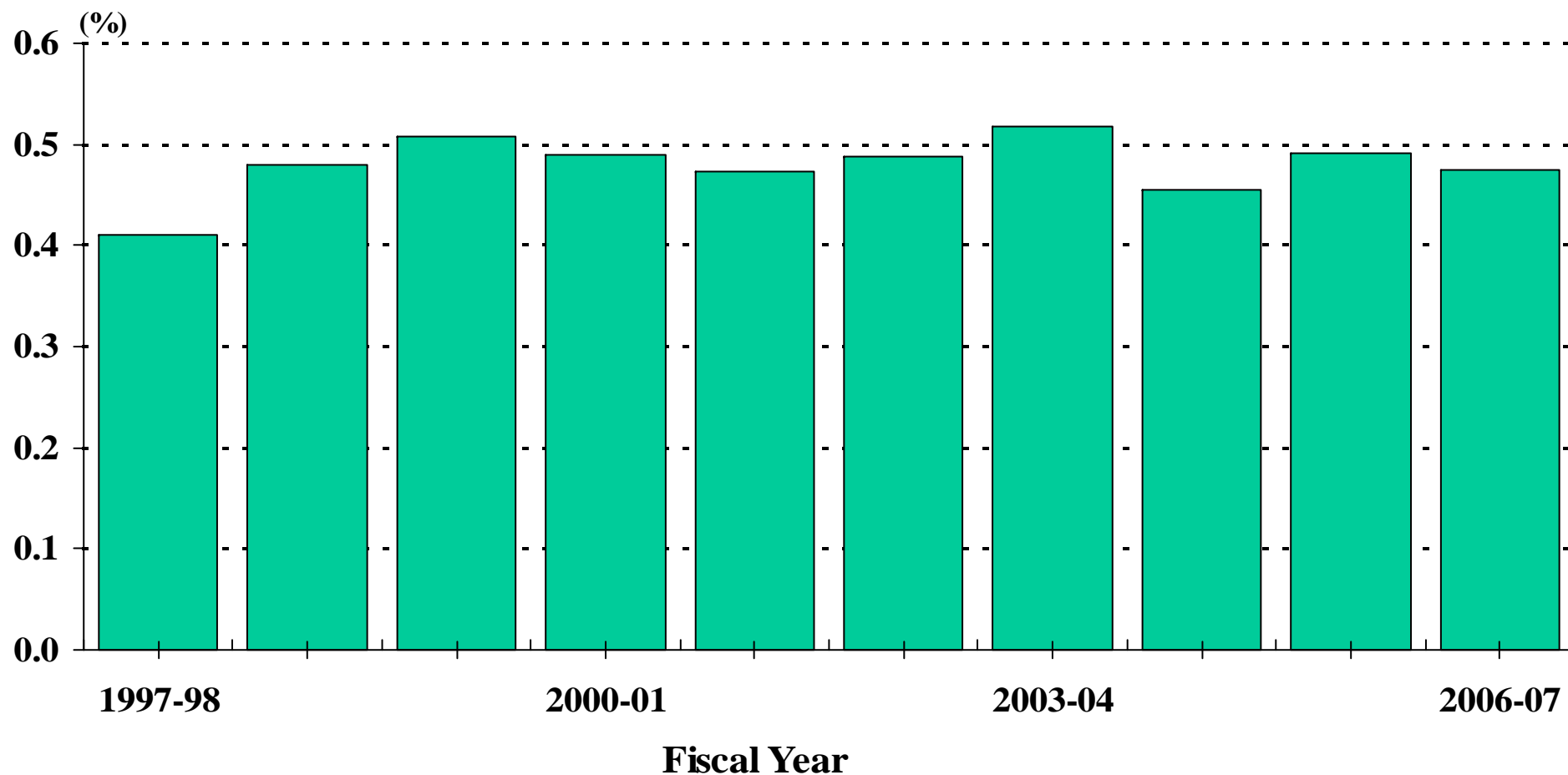
# NSERC Expenditures



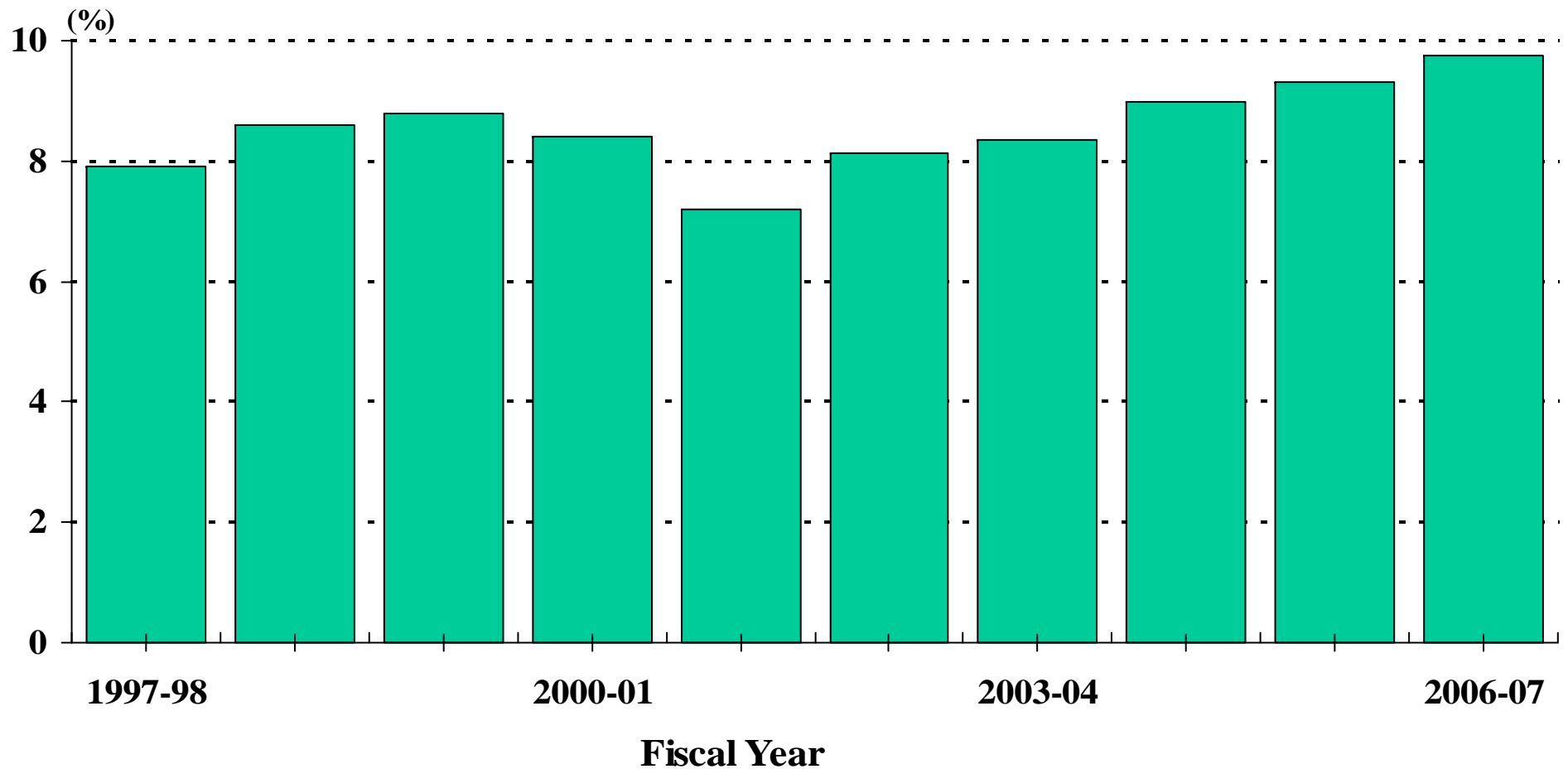
# NSERC Expenditures as a % of GDP



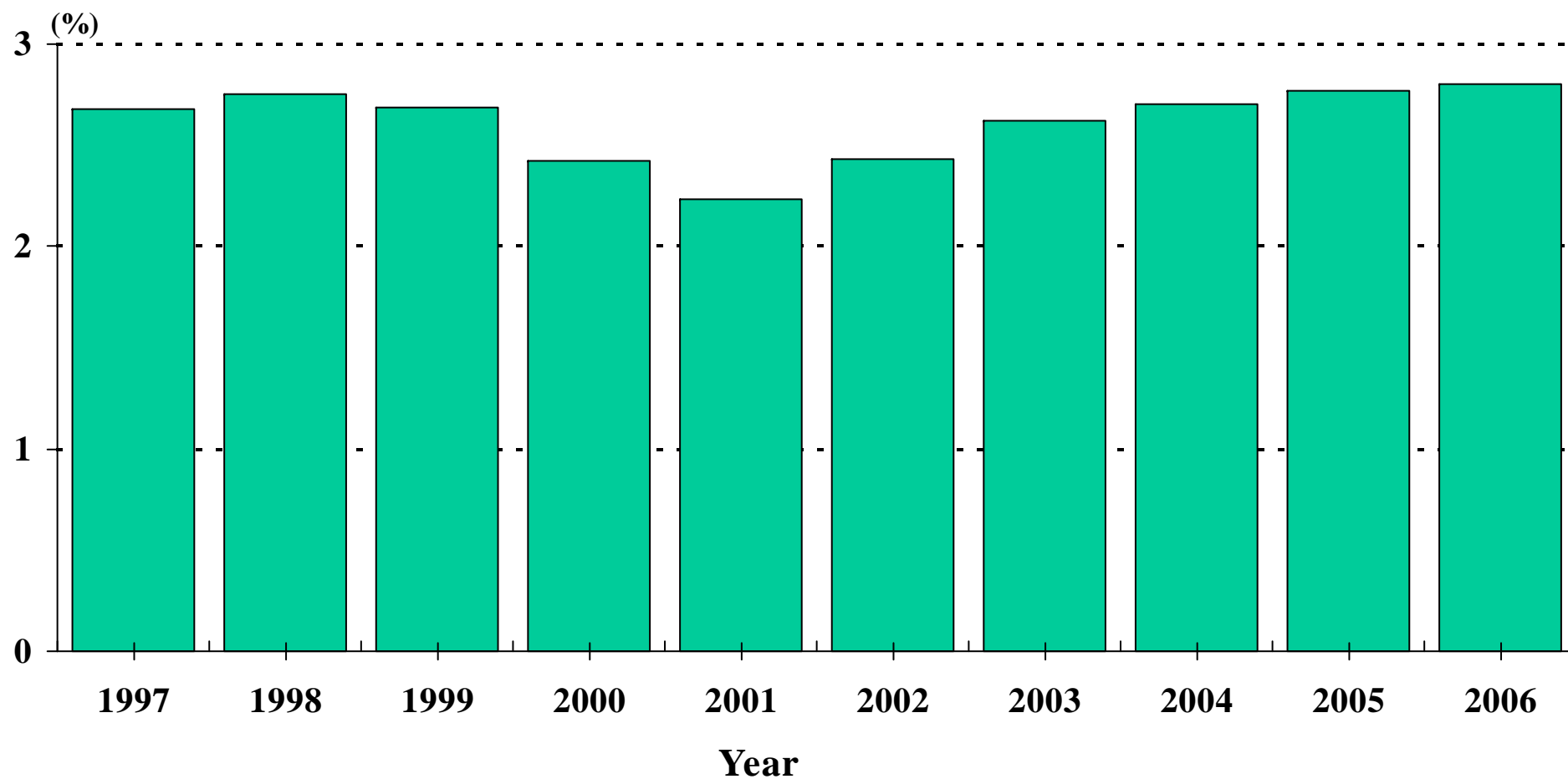
# NSERC Expenditures as a % of Federal Government Program Spending



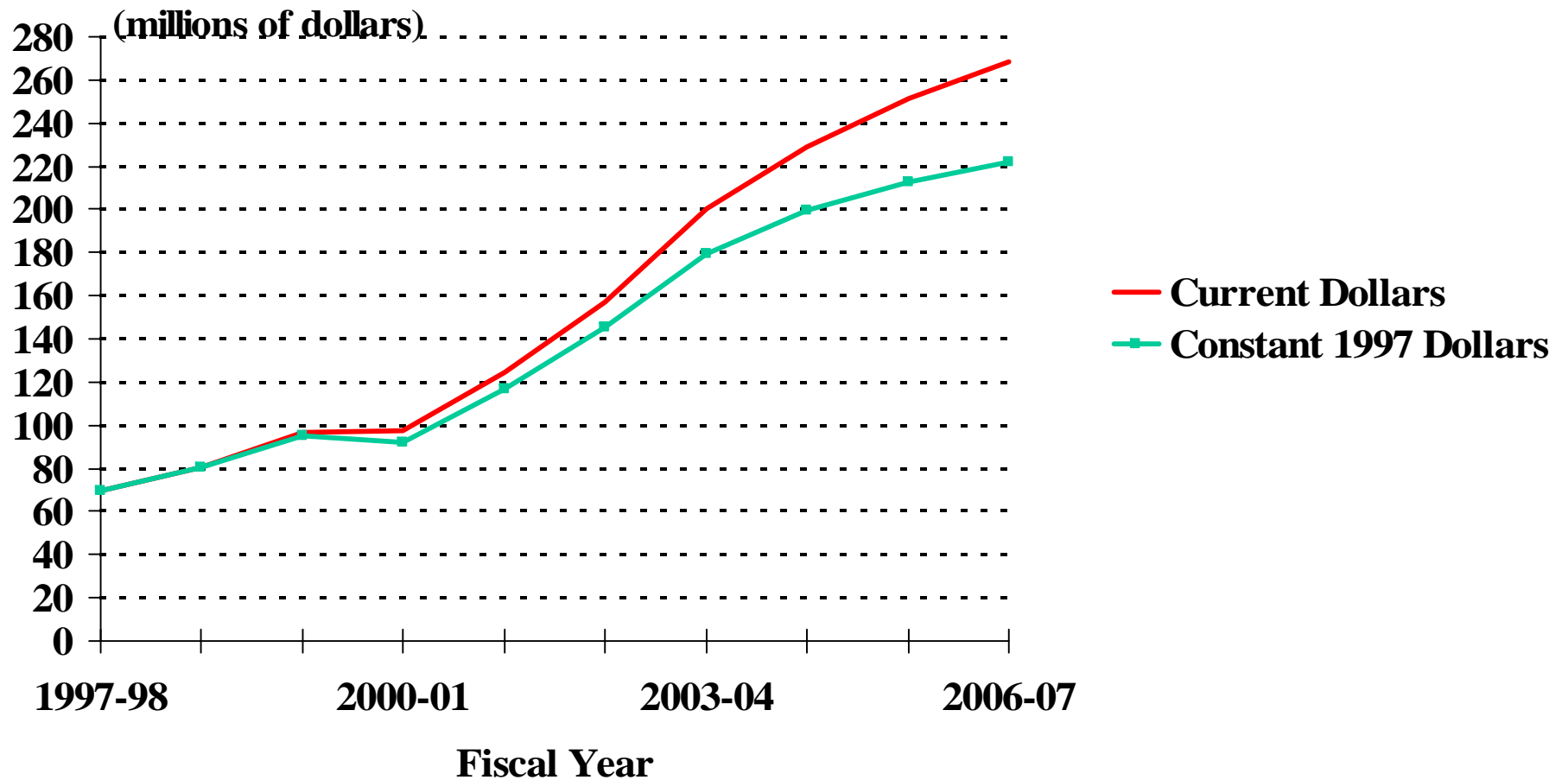
# NSERC Expenditures as a % of Federal Government Expenditures on Scientific Activities



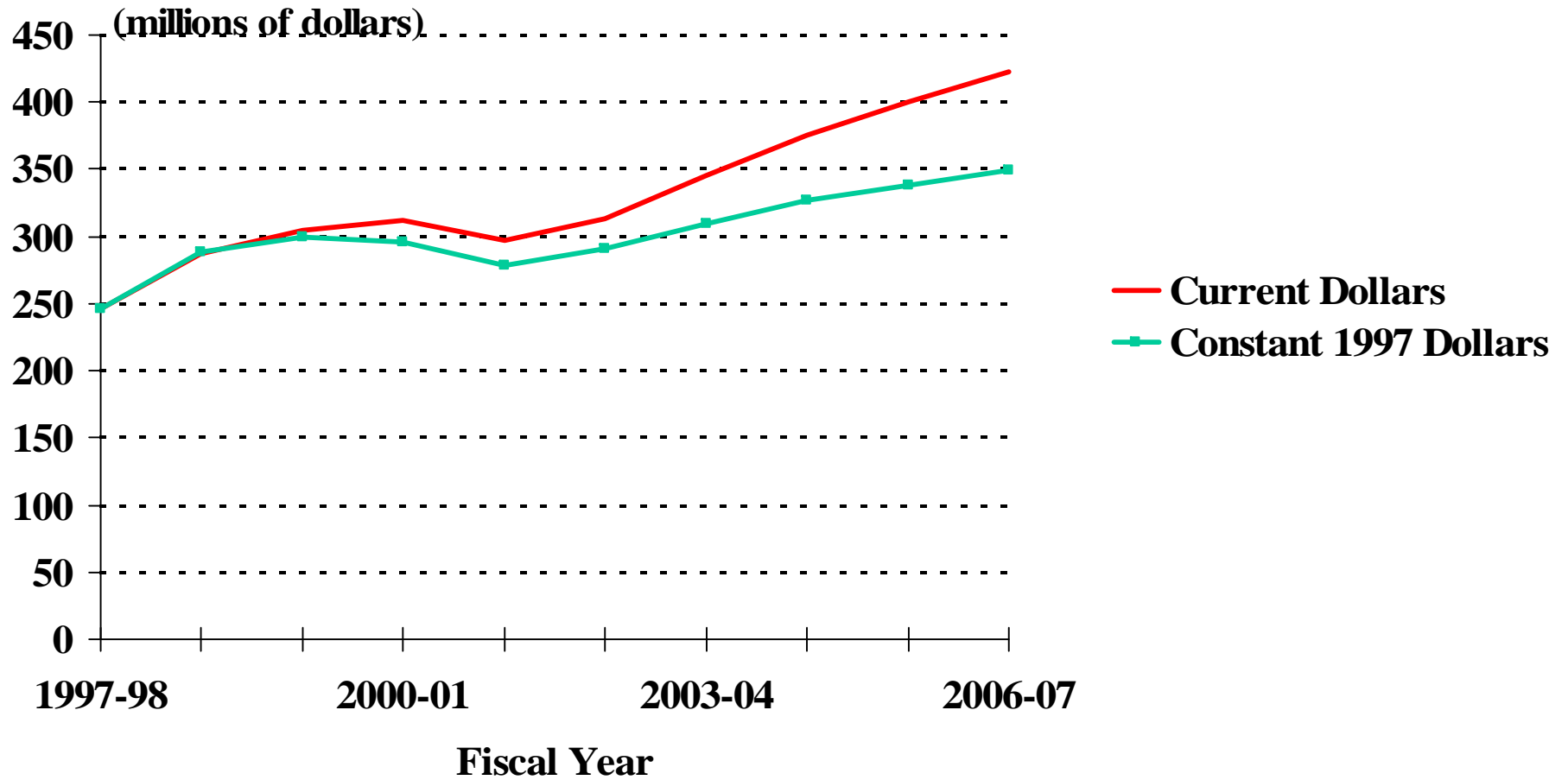
# NSERC R&D Expenditures as a % of GERD



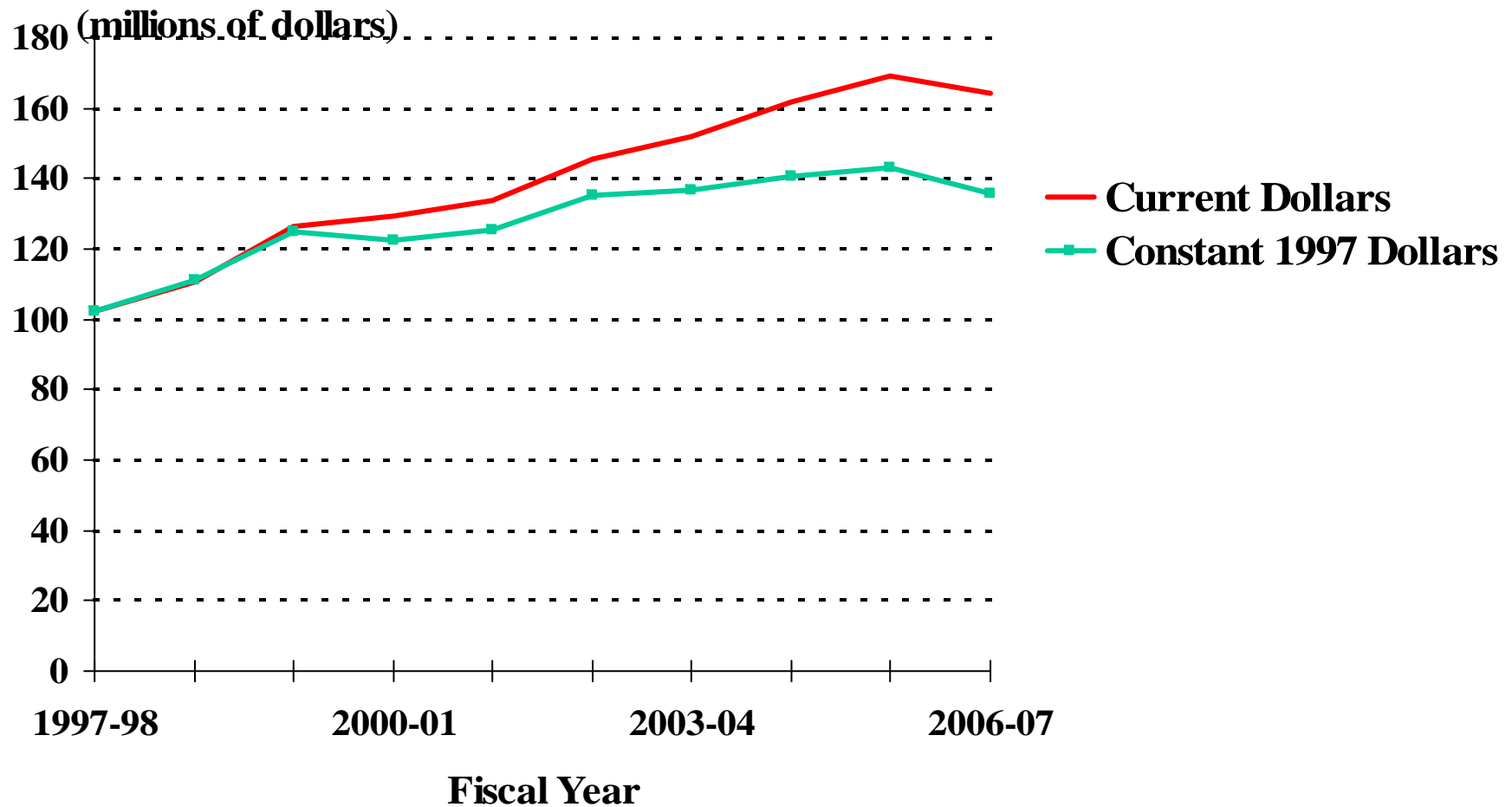
# People Programs Expenditures



# Discovery Programs Expenditures

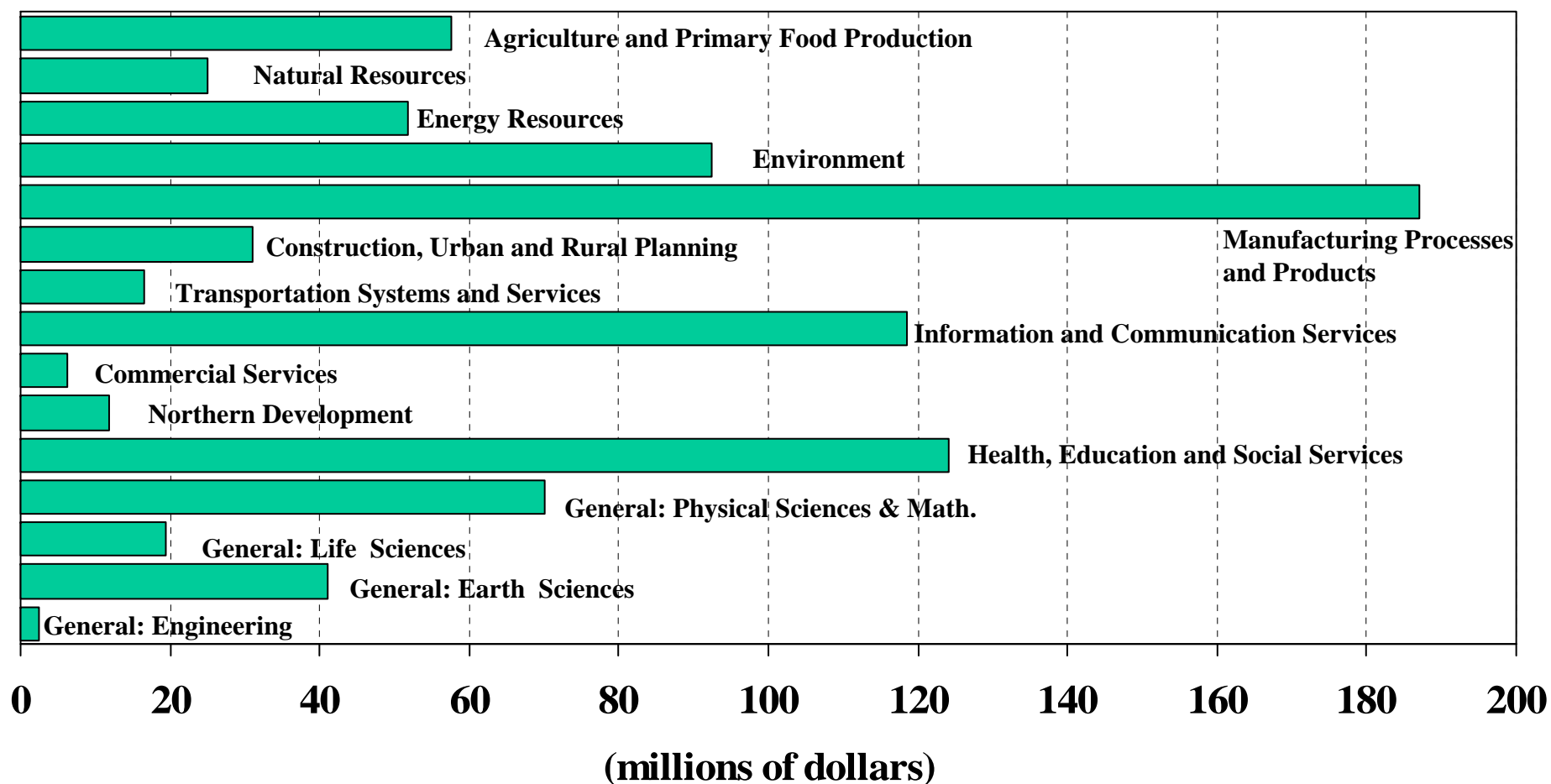


# Innovation Programs Expenditures<sup>1</sup>

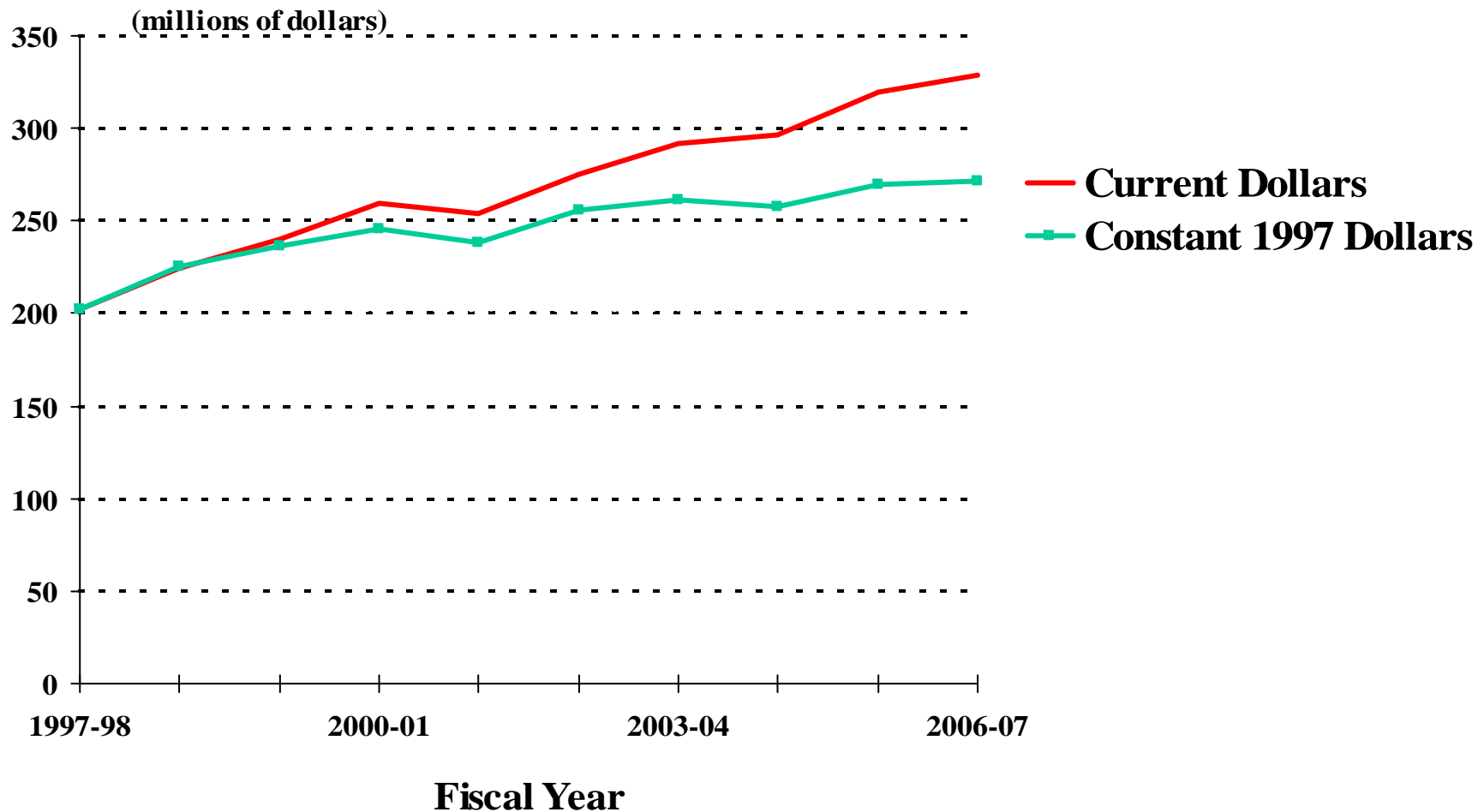


1. Excludes N.C.E.'s.

# Grants & Scholarships Expenditures by Area of Application 2006-07

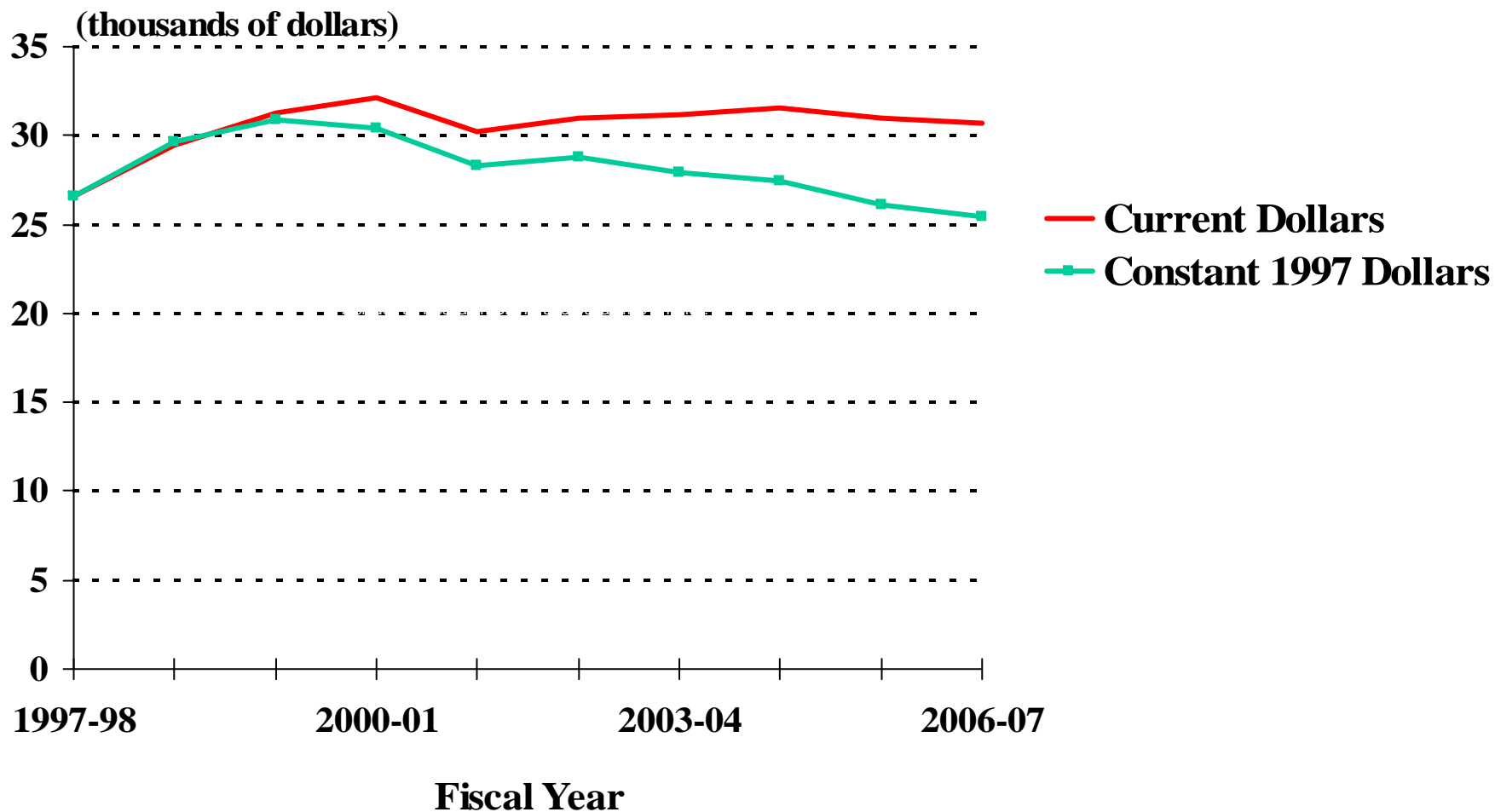


# Discovery Grants<sup>1</sup> Expenditures



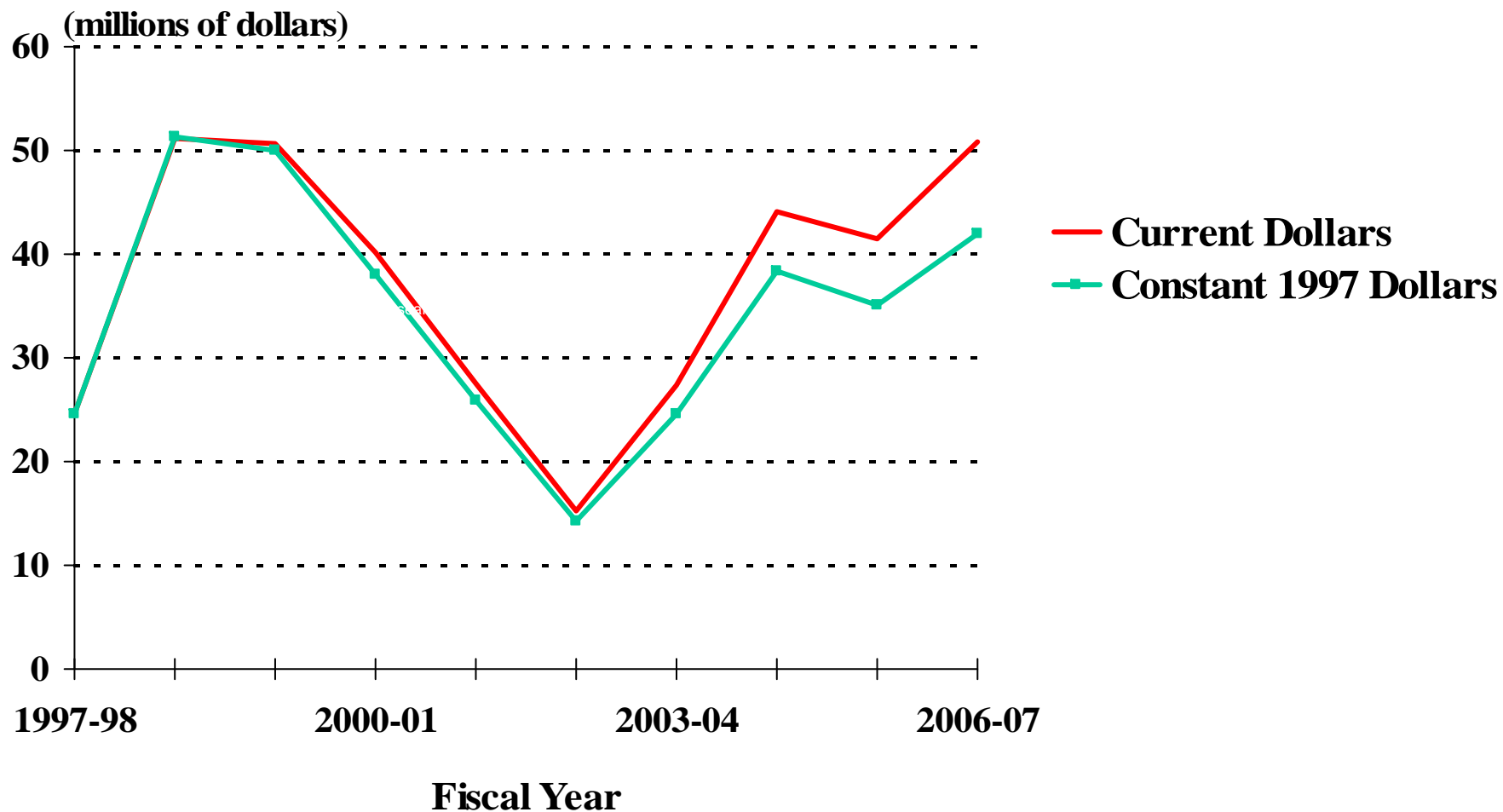
1. Includes all Discovery Grants and Subatomic Physics Discovery Grants.

# Average Discovery Grant<sup>1</sup>



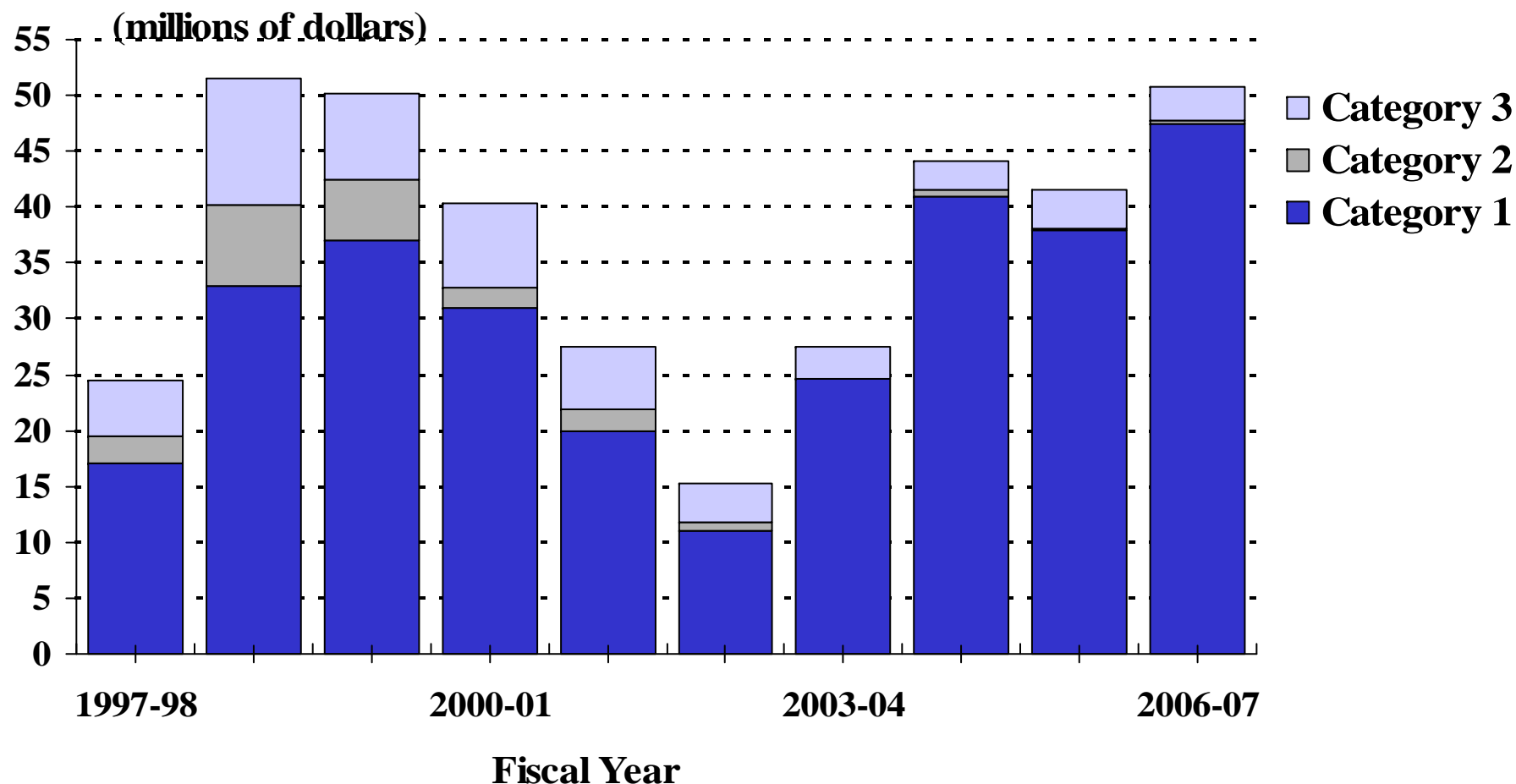
1. Individual Discovery Grants including Subatomic Physics Individual Discovery Grants.

# Research Tools and Instruments<sup>1</sup> Expenditures



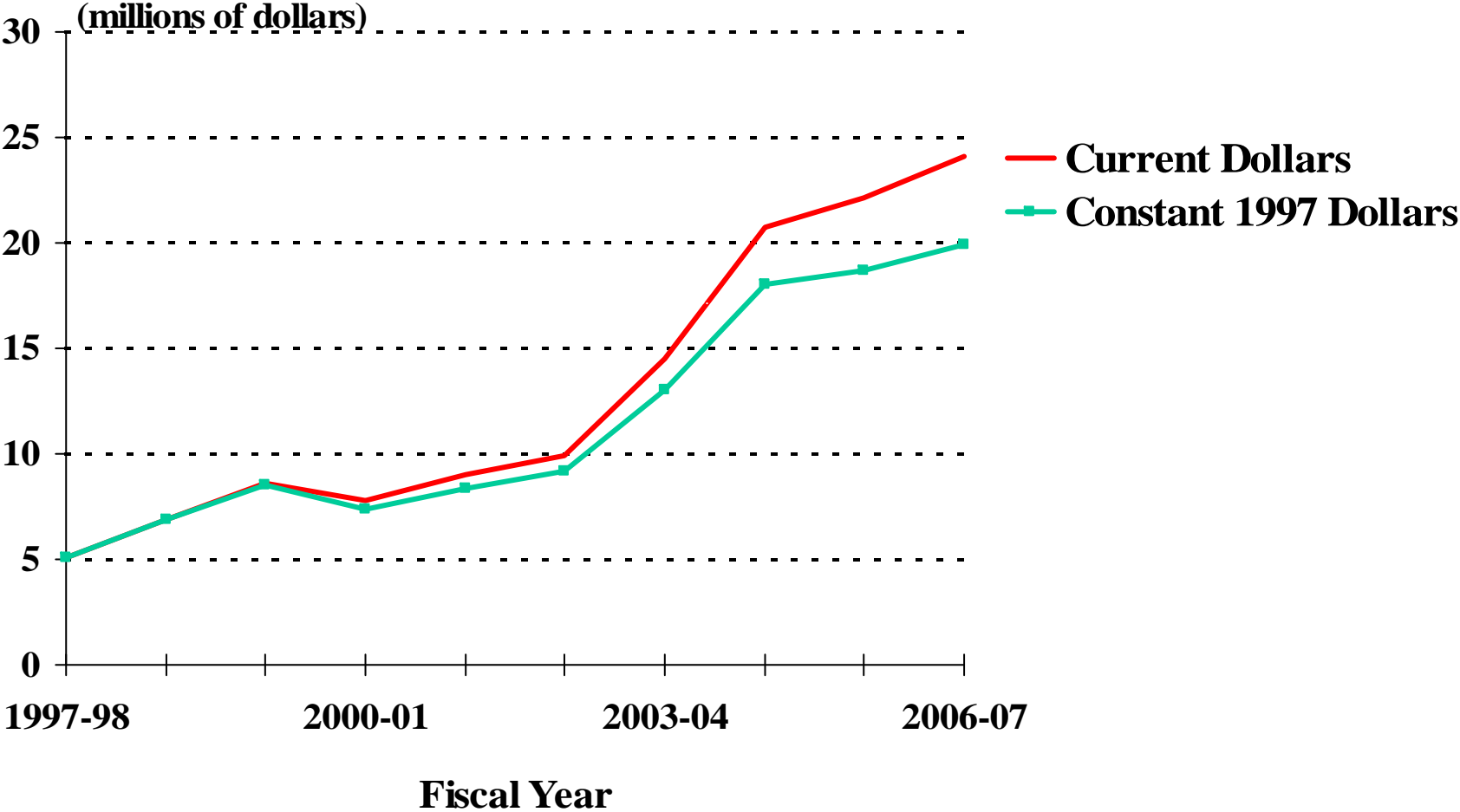
1. Includes Subatomic Physics Research Tools and Instruments grants.

# Research Tools and Instruments<sup>1</sup> Expenditures by Grant Type



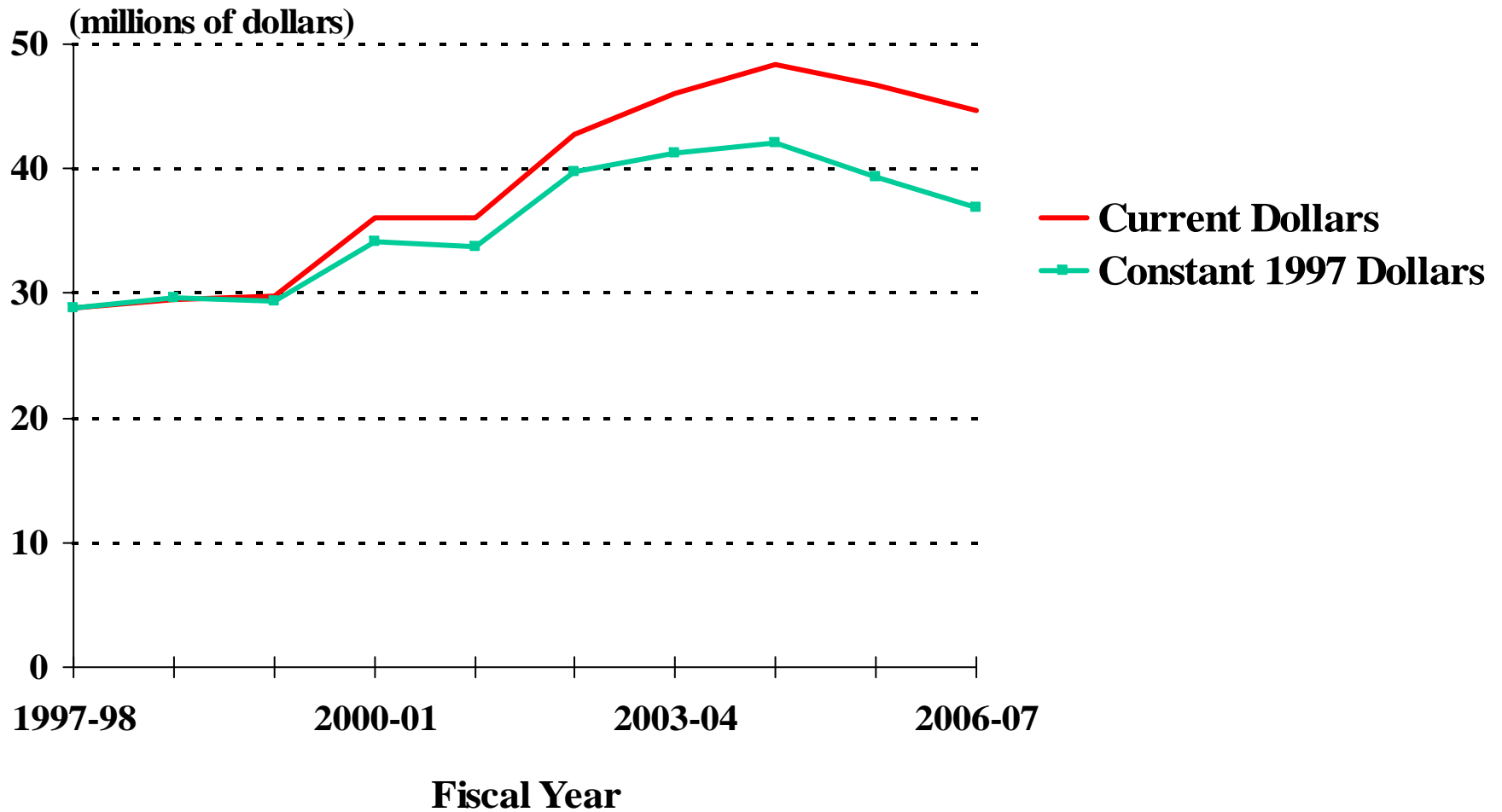
1. Category 1 (\$7,000 - \$150,000), Category 2 (\$150,000 - \$325,000), Category 3 (>\$325,000), and Subatomic Physics Research Tools and Instruments grants. Since 2003-04 only Subatomic Physics Category 2 and 3 are included.

# Major Resources Support<sup>1</sup> Expenditures

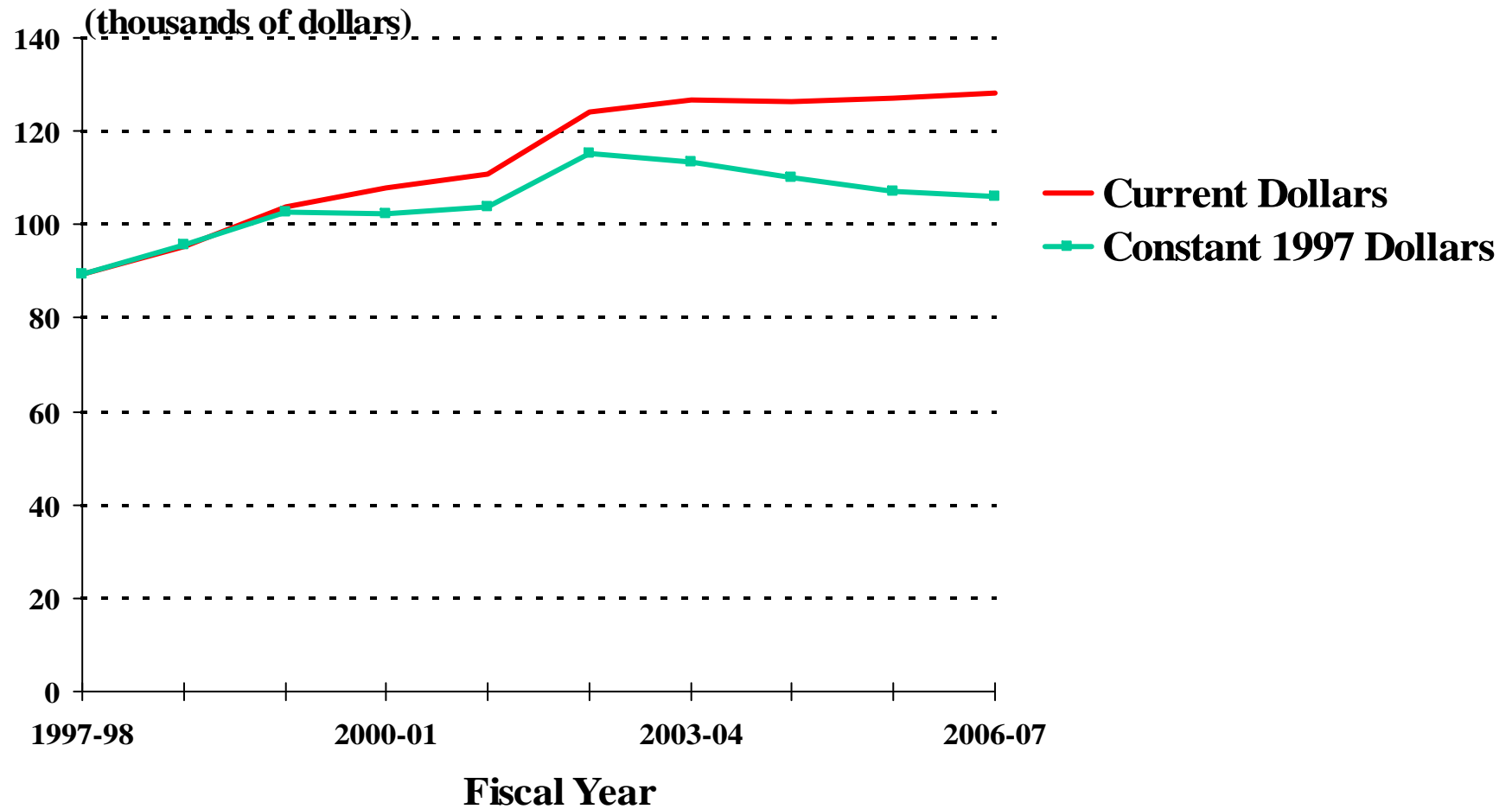


1. Formerly known as Major Facilities Access grants. Includes Subatomic Physics Major Resources Support grants.

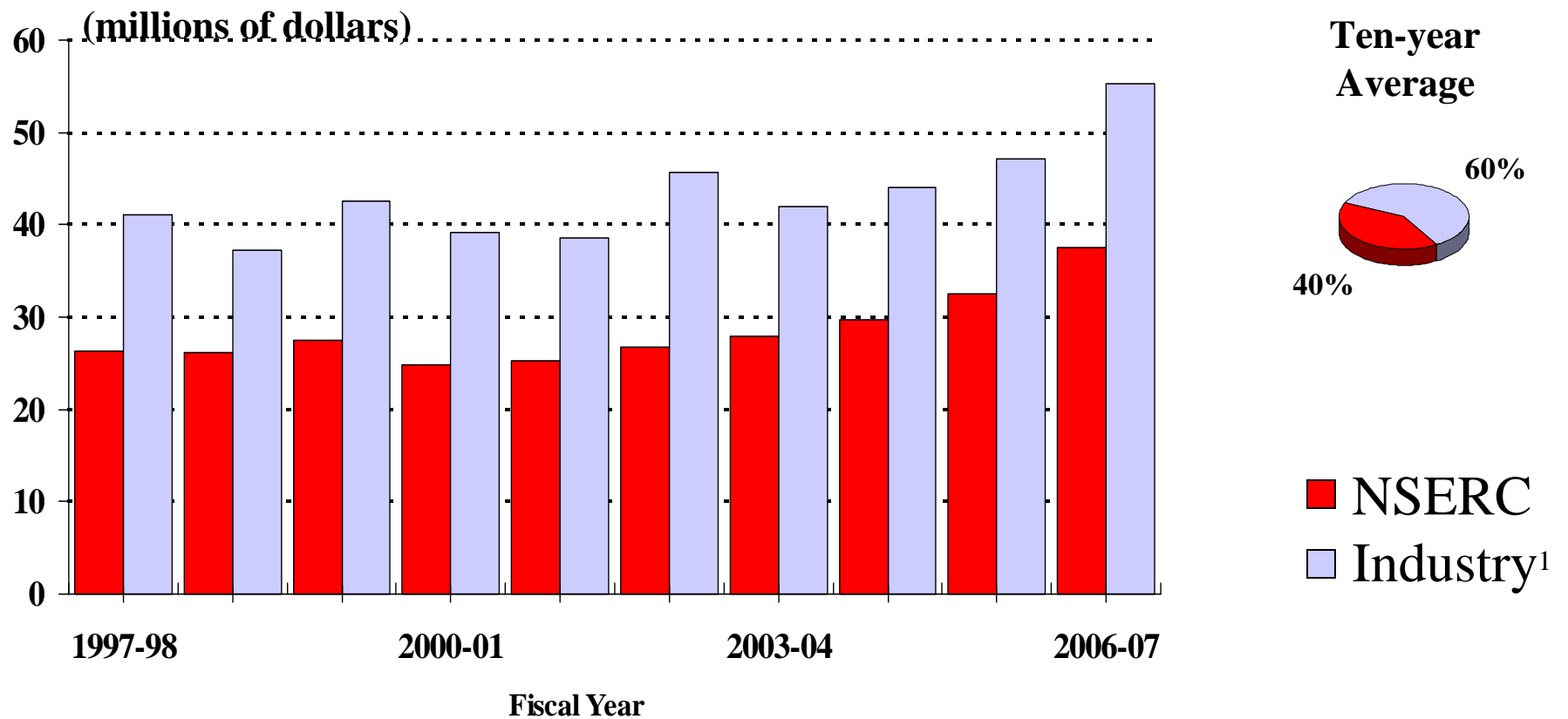
# Strategic Projects Expenditures



# Average Strategic Project

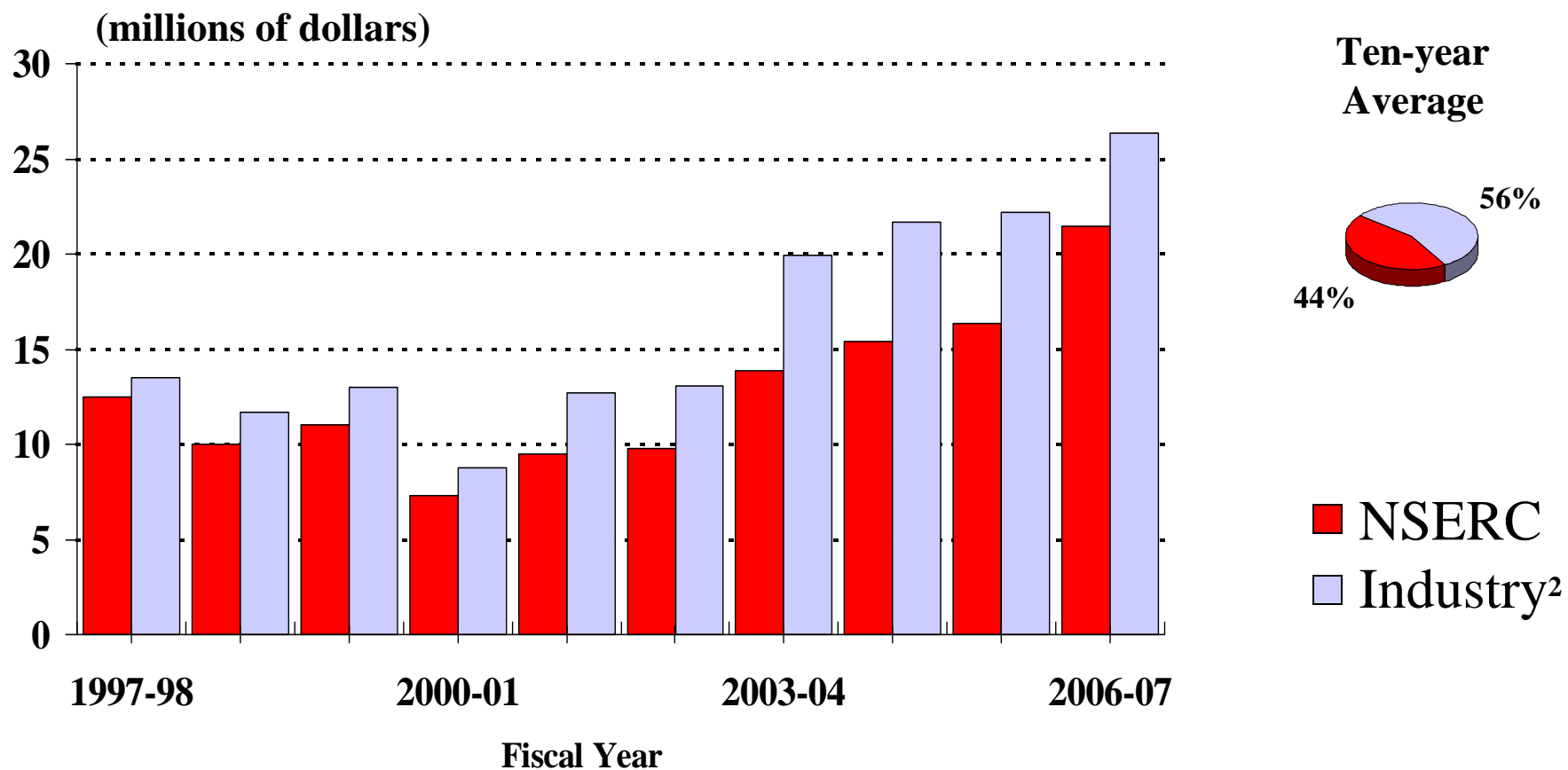


# Collaborative R&D Grants Expenditures



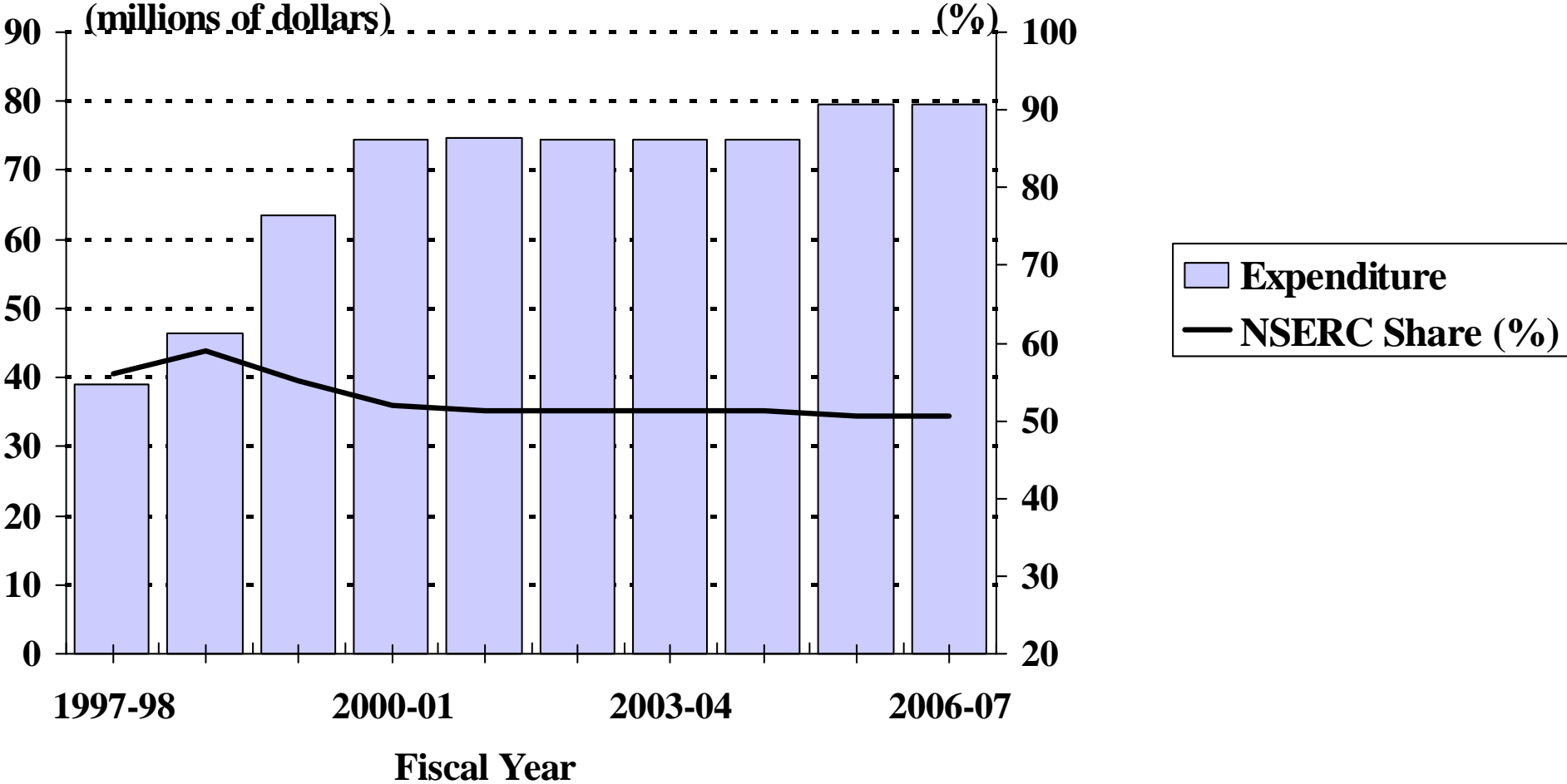
1. Best estimate.

# Industrial Research Chairs<sup>1</sup> Expenditures



1. University-Industry Program
2. Best estimate.

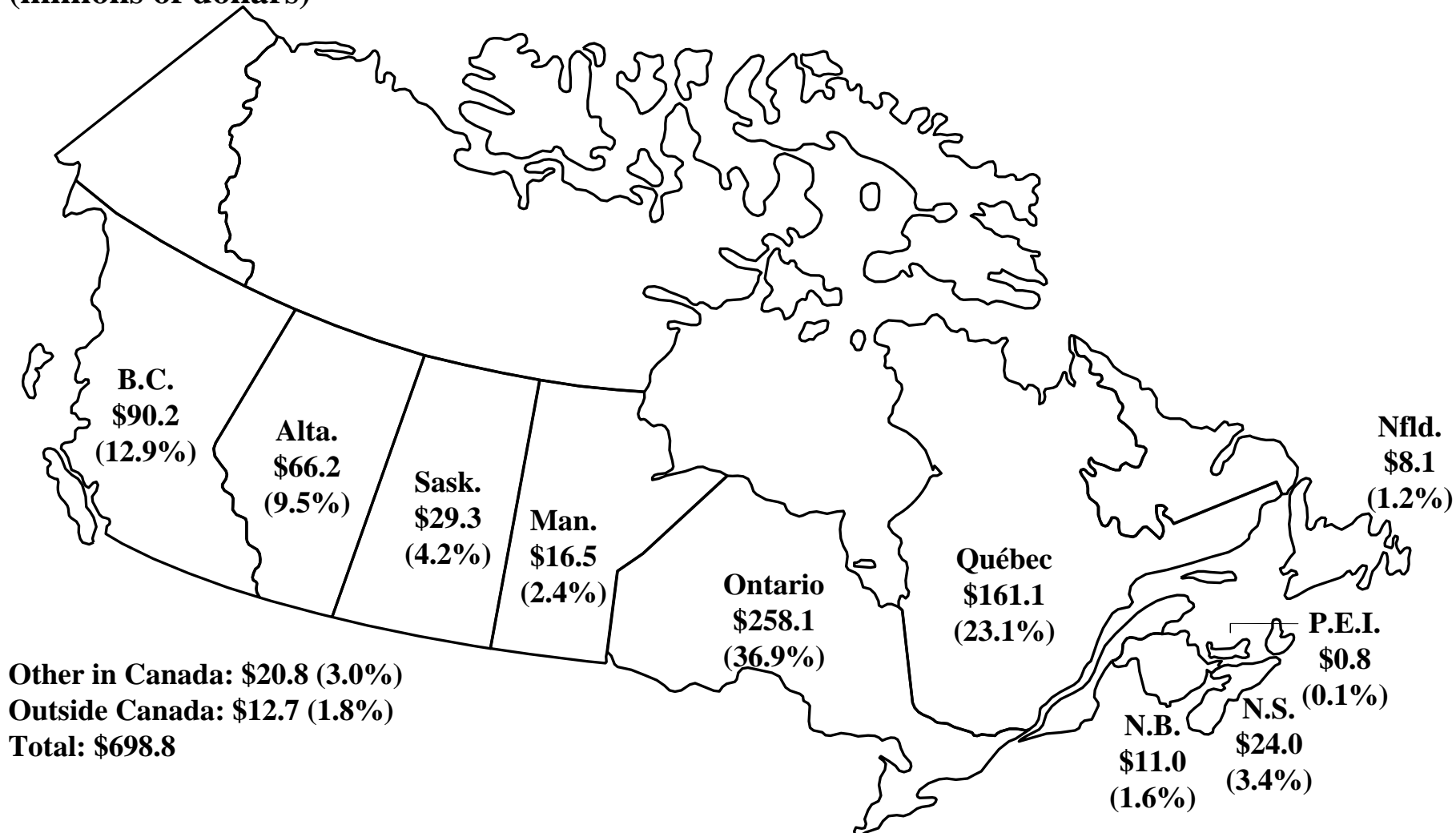
# Networks of Centres of Excellence Expenditures<sup>1</sup>



1. Includes expenditures by NSERC, CIHR and SSHRC.

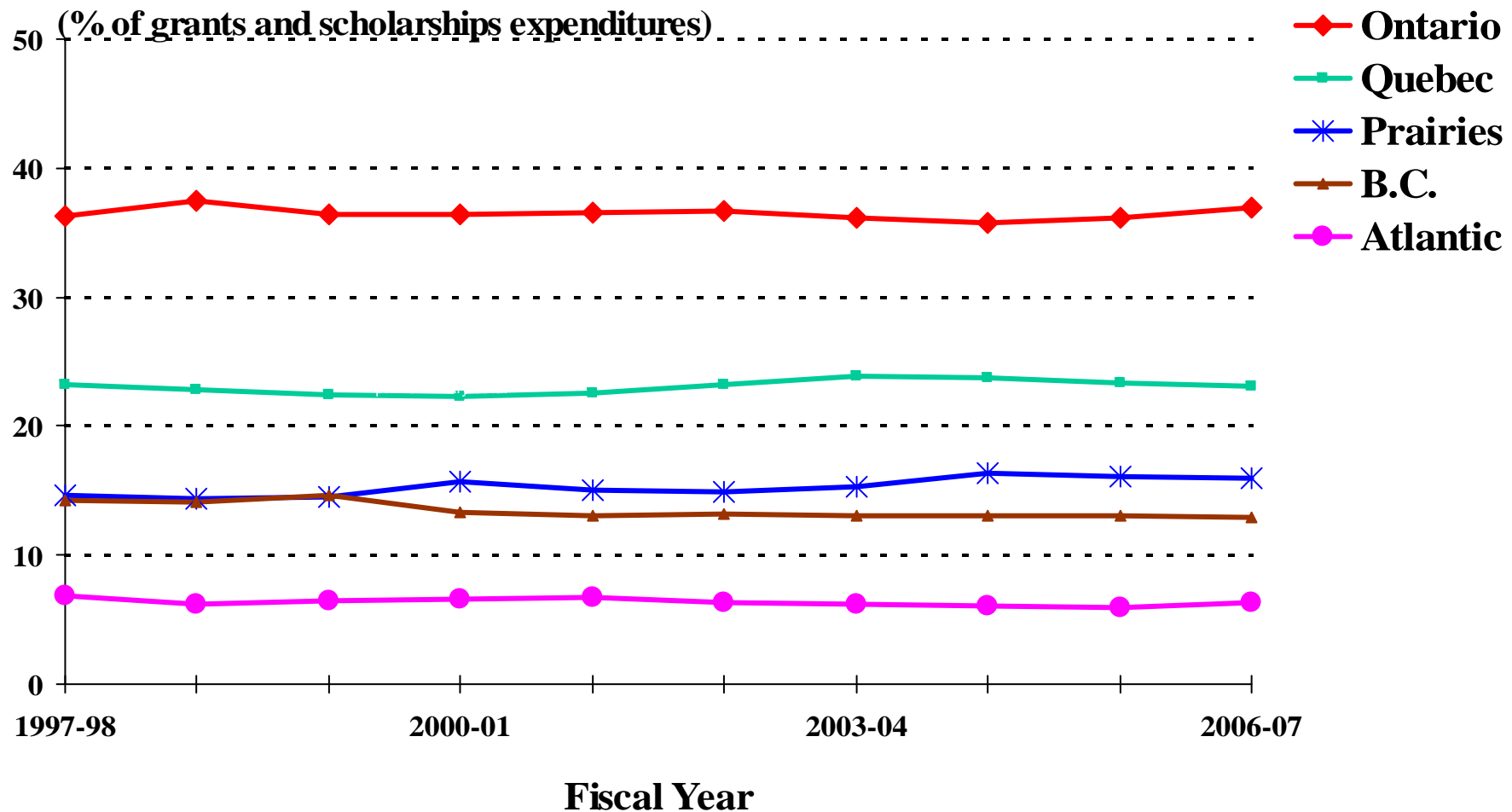
# Grants and Scholarships Expenditures<sup>1</sup> by Province 2006-07

(millions of dollars)



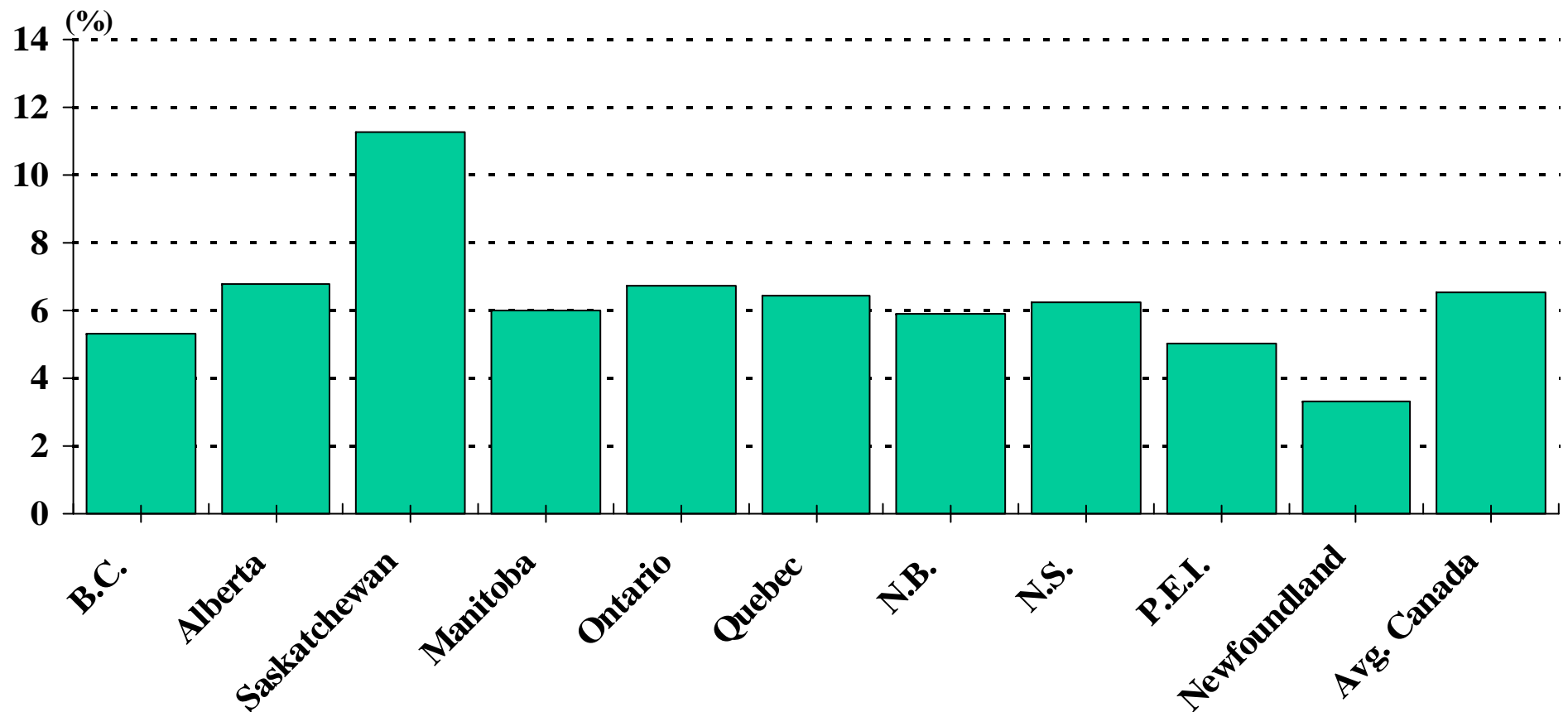
1. Excludes N.C.E., Canada Research Chairs and Perimeter Institute.

# Regional Dimension of Expenditures<sup>1</sup>



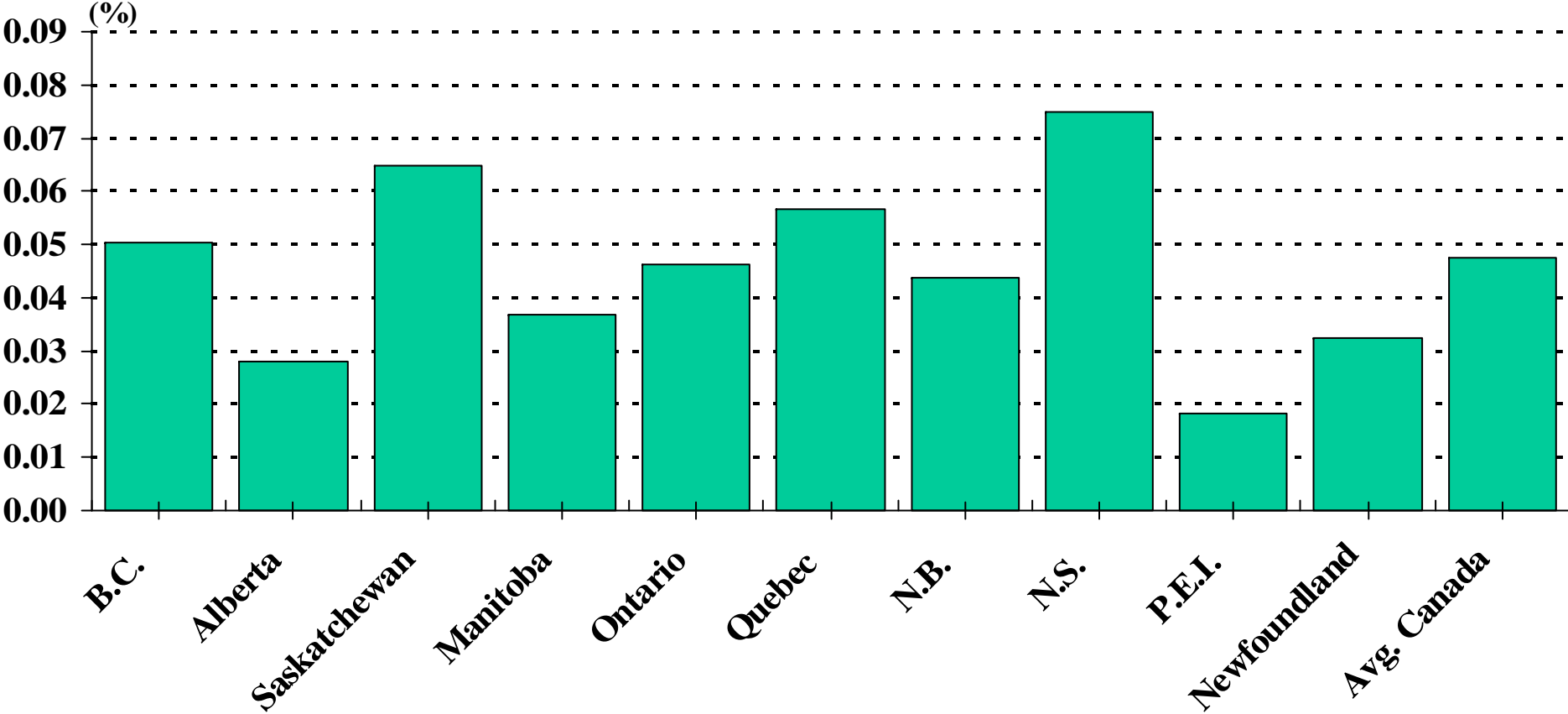
1. Excludes N.C.E., Canada Research Chairs and Perimeter Institute.

# Average Annual Growth of NSERC Grants & Scholarships Expenditures<sup>1</sup> by Province 1997-2006



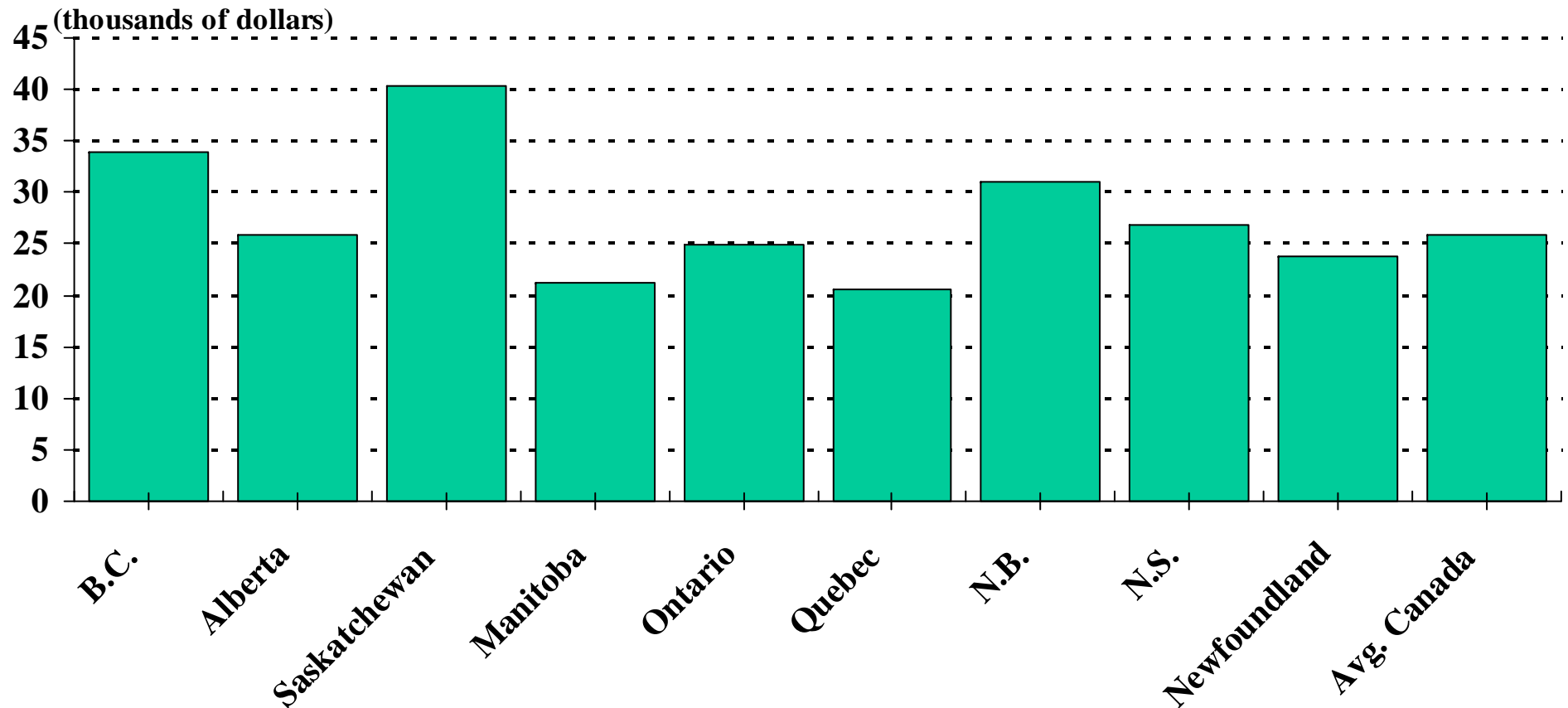
1. Excludes N.C.E., Canada Research Chairs and Perimeter Institute.

# Distribution of NSERC Expenditures<sup>1</sup> by Province as a % of Provincial GDP 2006



1. Excludes N.C.E., Canada Research Chairs and Perimeter Institute.

# Distribution of NSERC Grants & Scholarships Expenditures<sup>1</sup> by Province<sup>2</sup> Per Provincial Full-time NSE Graduate Enrolment<sup>3</sup>

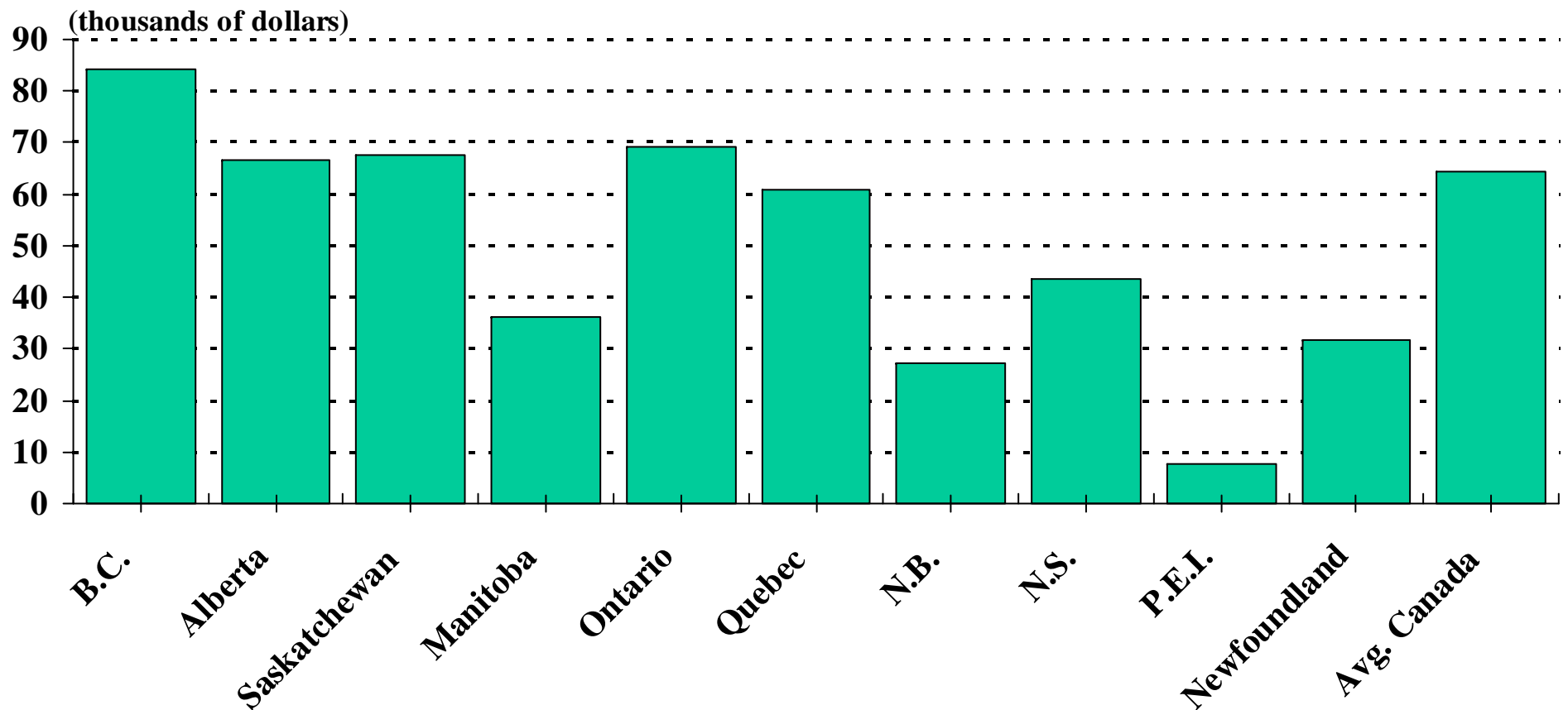


1. 2006-07 expenditures, excludes N.C.E., Canada Research Chairs and Perimeter Institute.

2. Excludes P.E.I. due to low enrolment numbers.

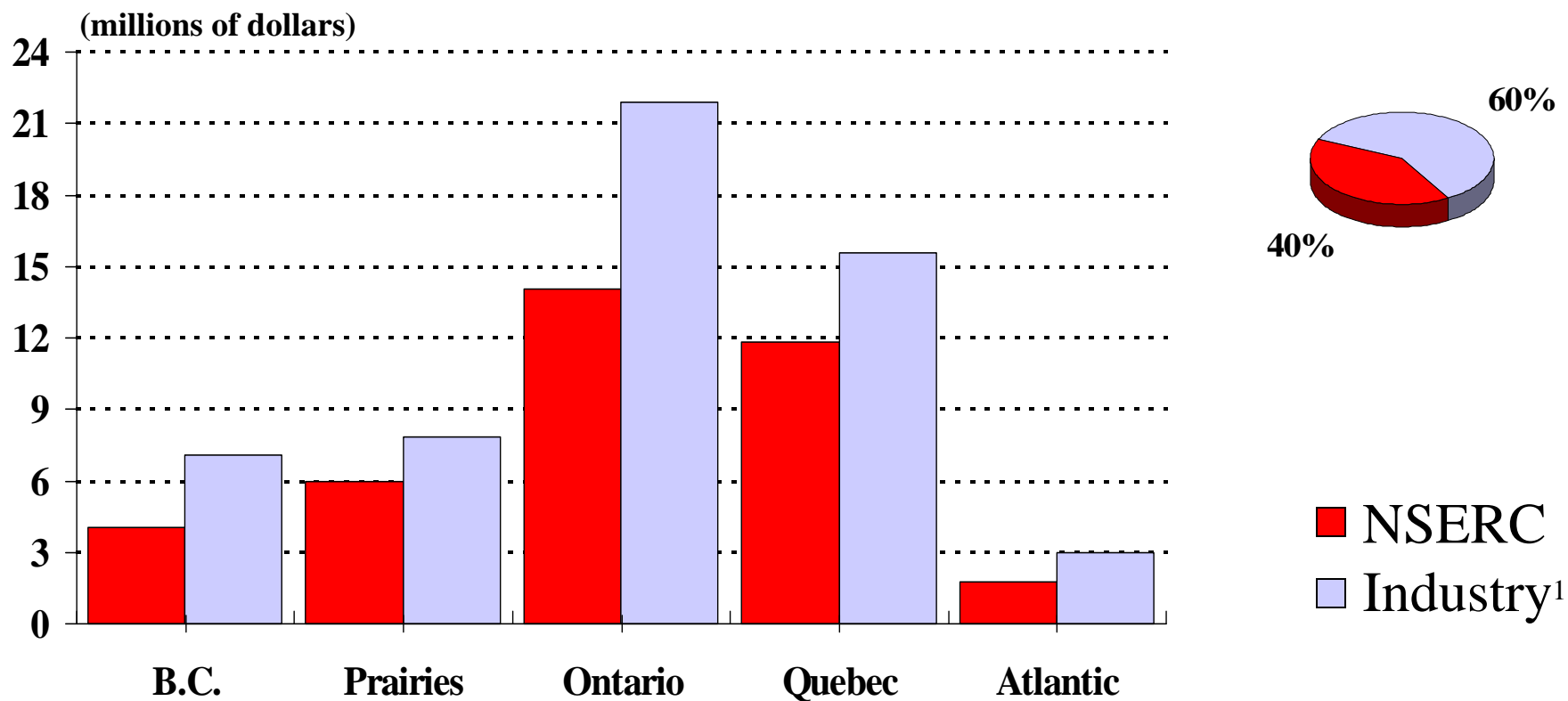
3. 2001-02 enrolment.

# Distribution of NSERC Grants & Scholarships Expenditures<sup>1</sup> by Province Per Provincial Full-time NSE Faculty<sup>2</sup>



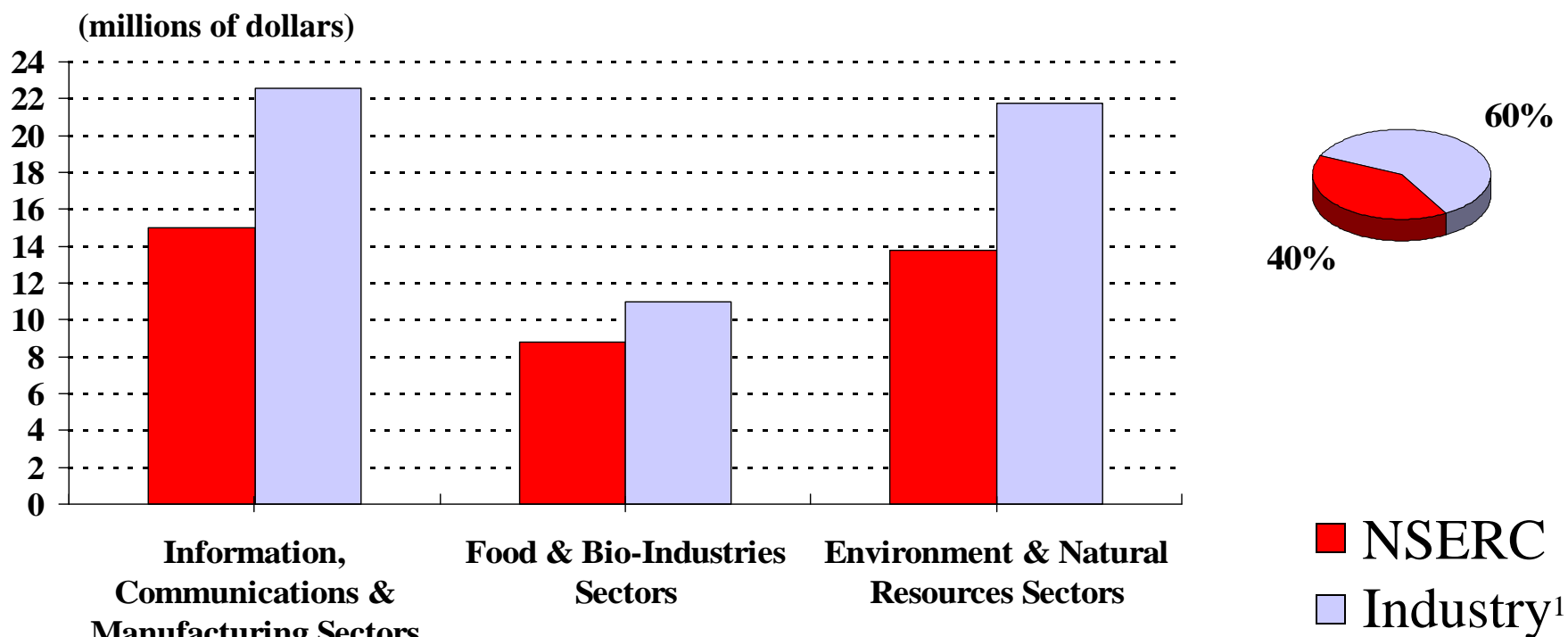
1. 2006-07 expenditures, excludes N.C.E., Canada Research Chairs and Perimeter Institute.
2. 2001-02 faculty.

# Collaborative R&D Grants Expenditures by Region 2006-07



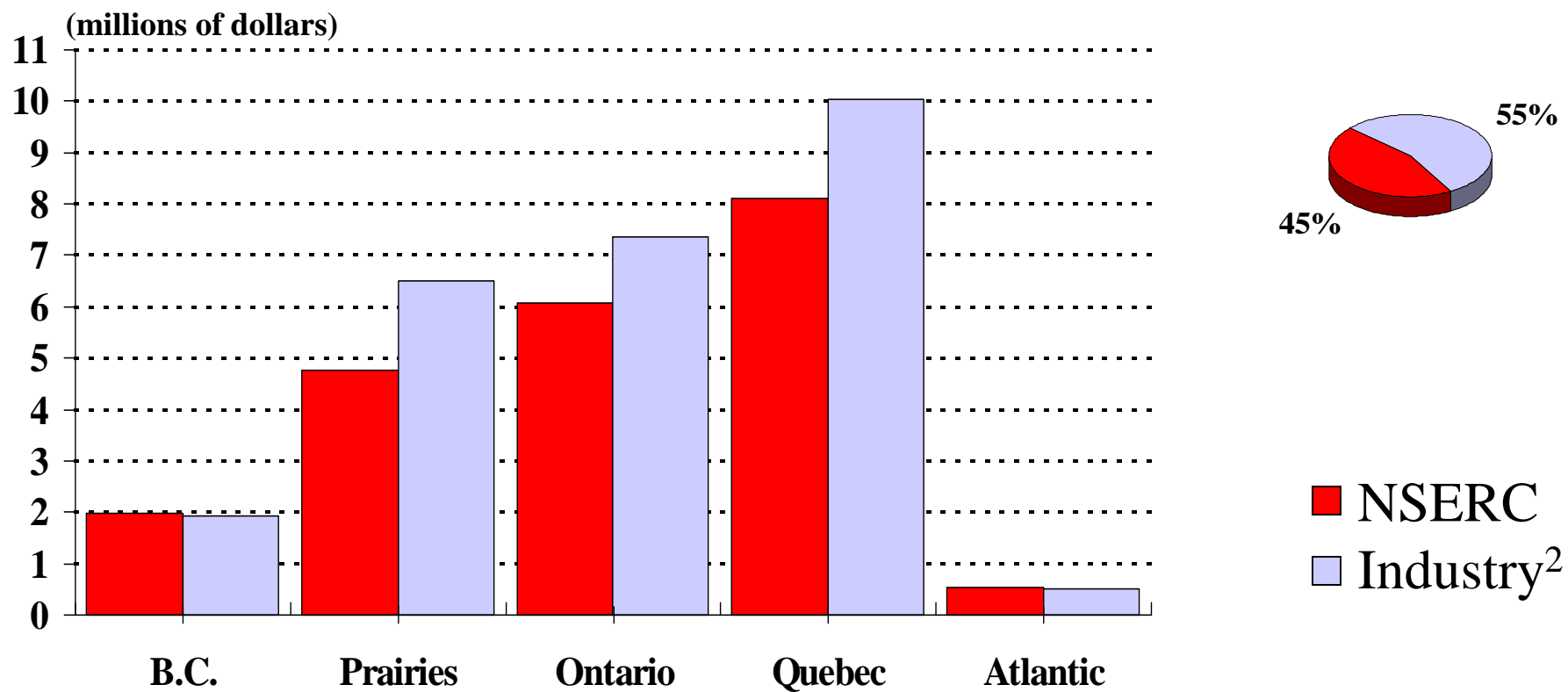
1. Best estimate.

# Collaborative R&D Grants Expenditures by RPP Sector 2006-07



1. Best estimate.

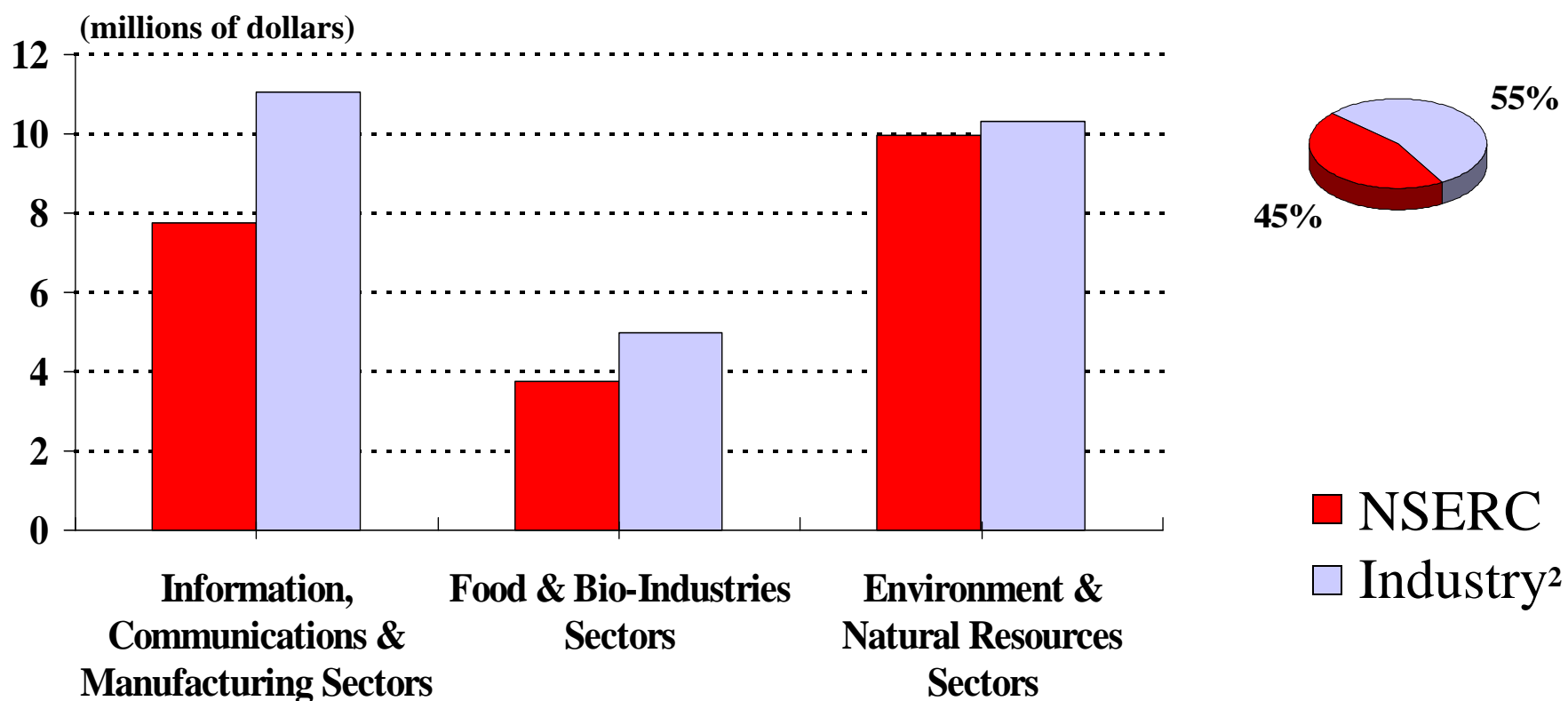
# Industrial Research Chairs<sup>1</sup> Expenditures by Region 2006-07



1. University-Industry Program.

2. Best estimate.

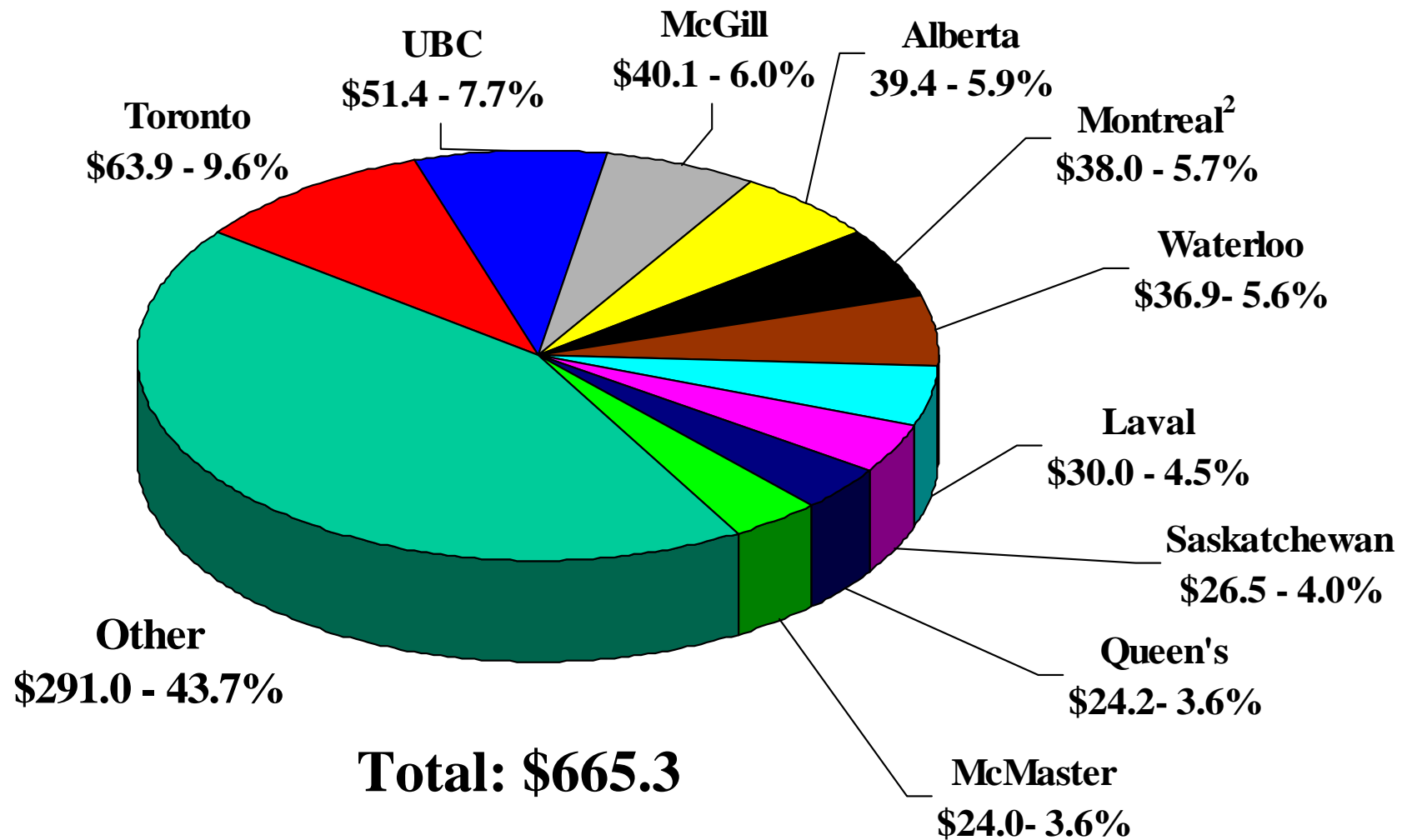
# Industrial Research Chairs<sup>1</sup> Expenditures by RPP Sector 2006-07



1. University-Industry Program.

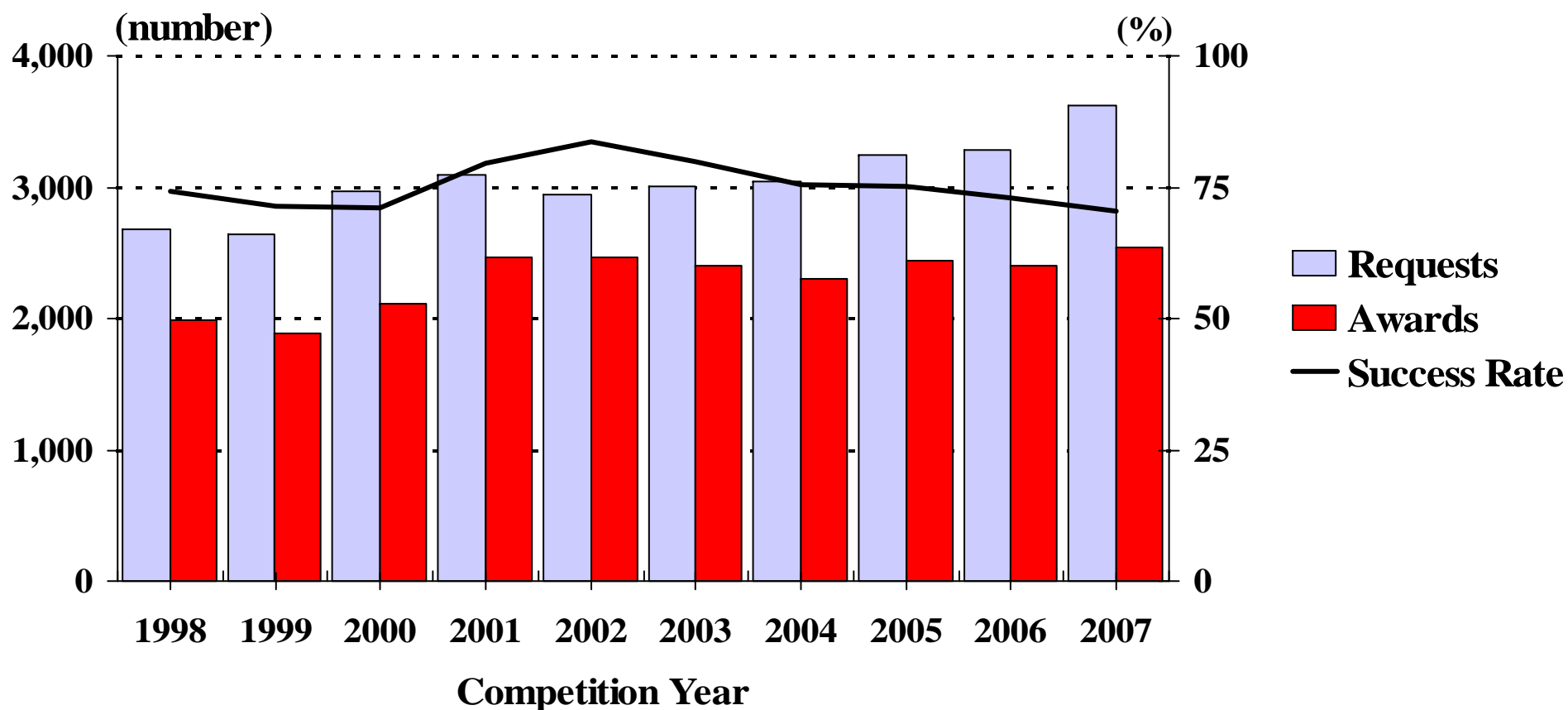
2. Best estimate.

# NSERC Support<sup>1</sup> of Canadian Universities 2006-07 (millions of dollars)



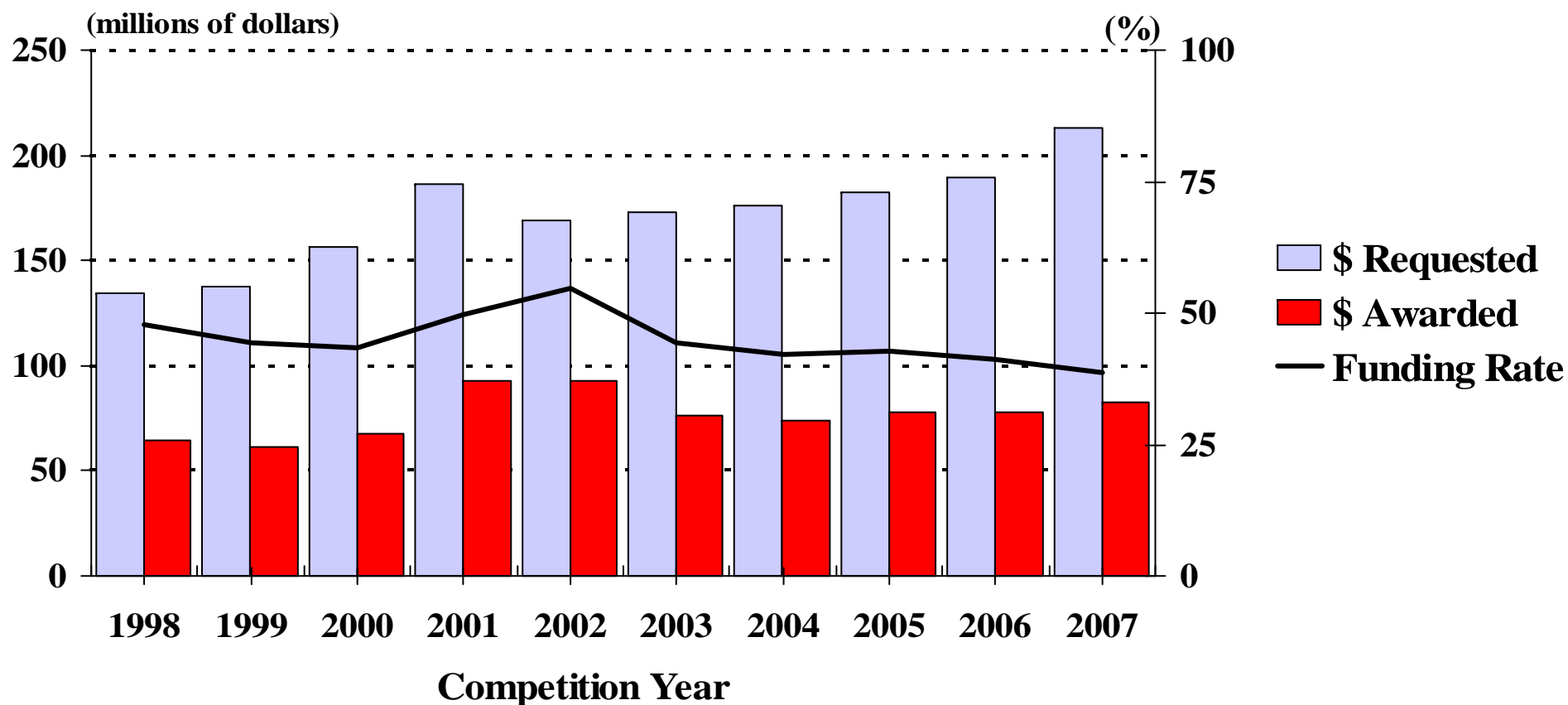
1. Excludes N.C.E., Canada Research Chairs and Perimeter Institute.
2. Includes École Polytechnique & H.É.C.

# Discovery Grants<sup>1</sup> Competition Results (Number of Applications and Awards)



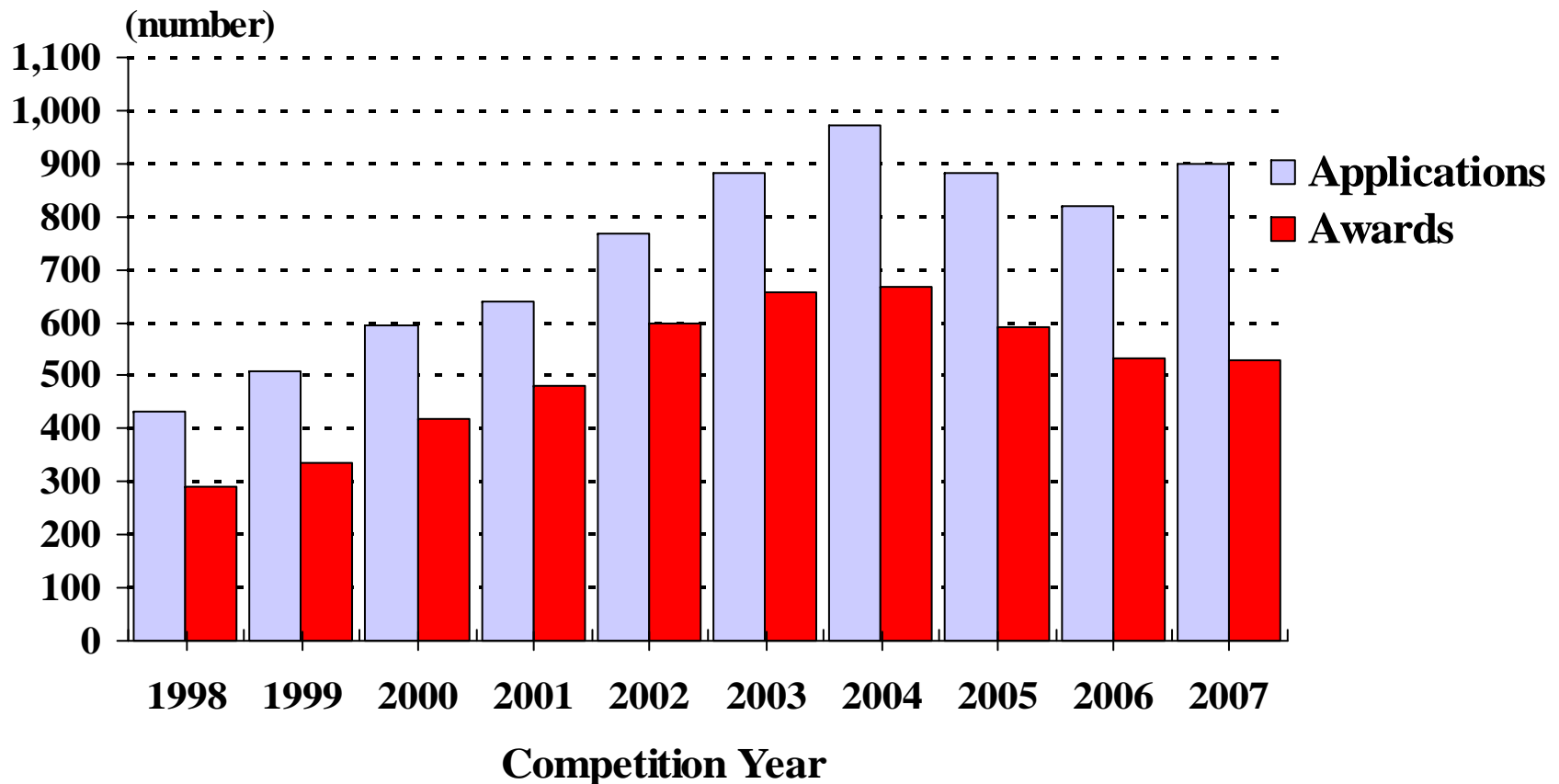
1. Individual, team, project, EWR Steacie supplement and Subatomic Physics Discovery Grants. Changed from 3 year grant to 4 year grant cycle in 1995 and to 5 year grant cycle in 2003.

# Discovery Grants<sup>1</sup> Competition Results (Dollars Requested and Awarded)



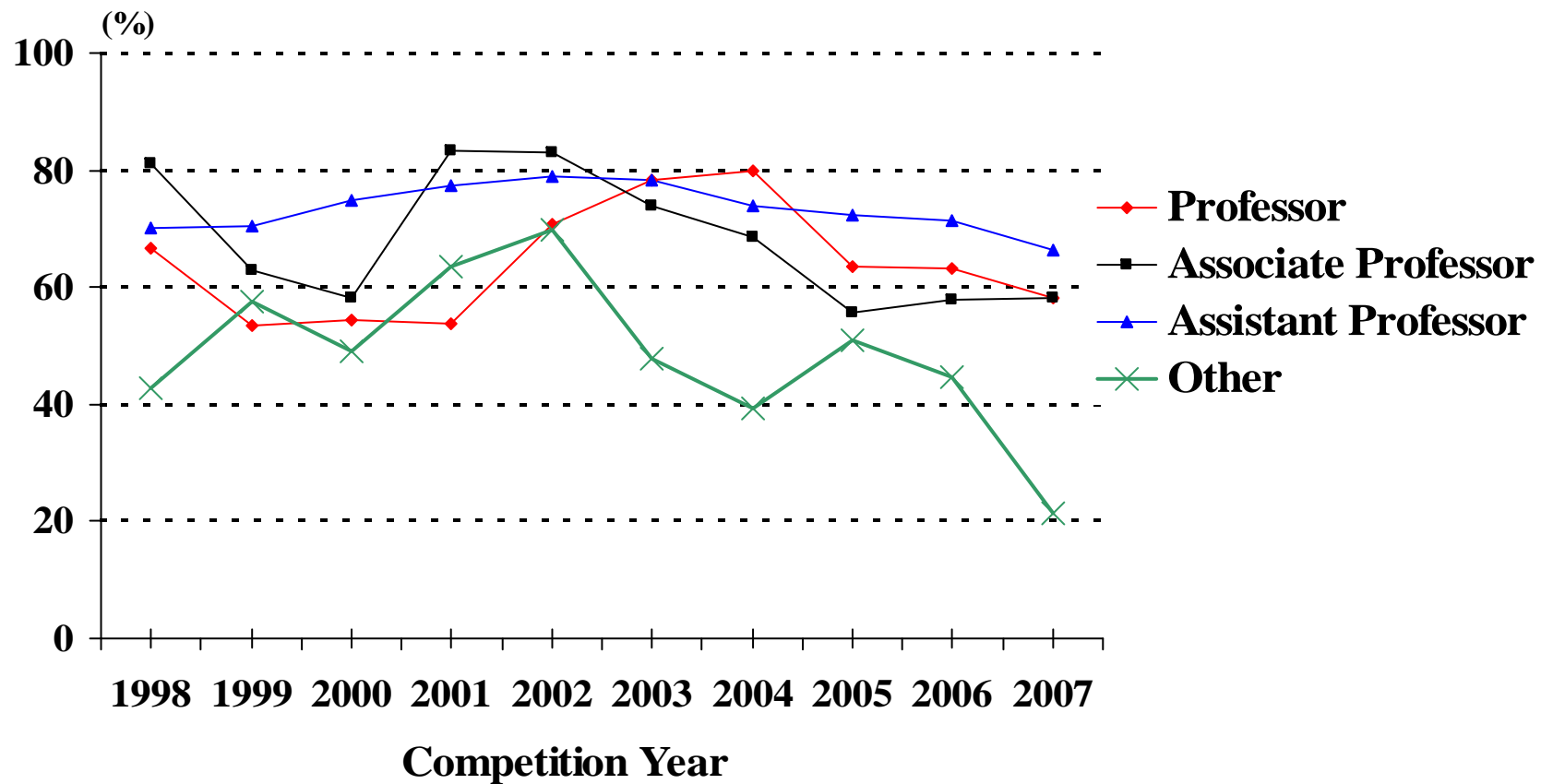
1. Individual, team, project, EWR Steacie supplement and Subatomic Physics Discovery Grants. Changed from 3 year grant to 4 year grant cycle in 1995 and to 5 year grant cycle in 2003.

# New Applicants<sup>1</sup> to the Discovery Grants Program



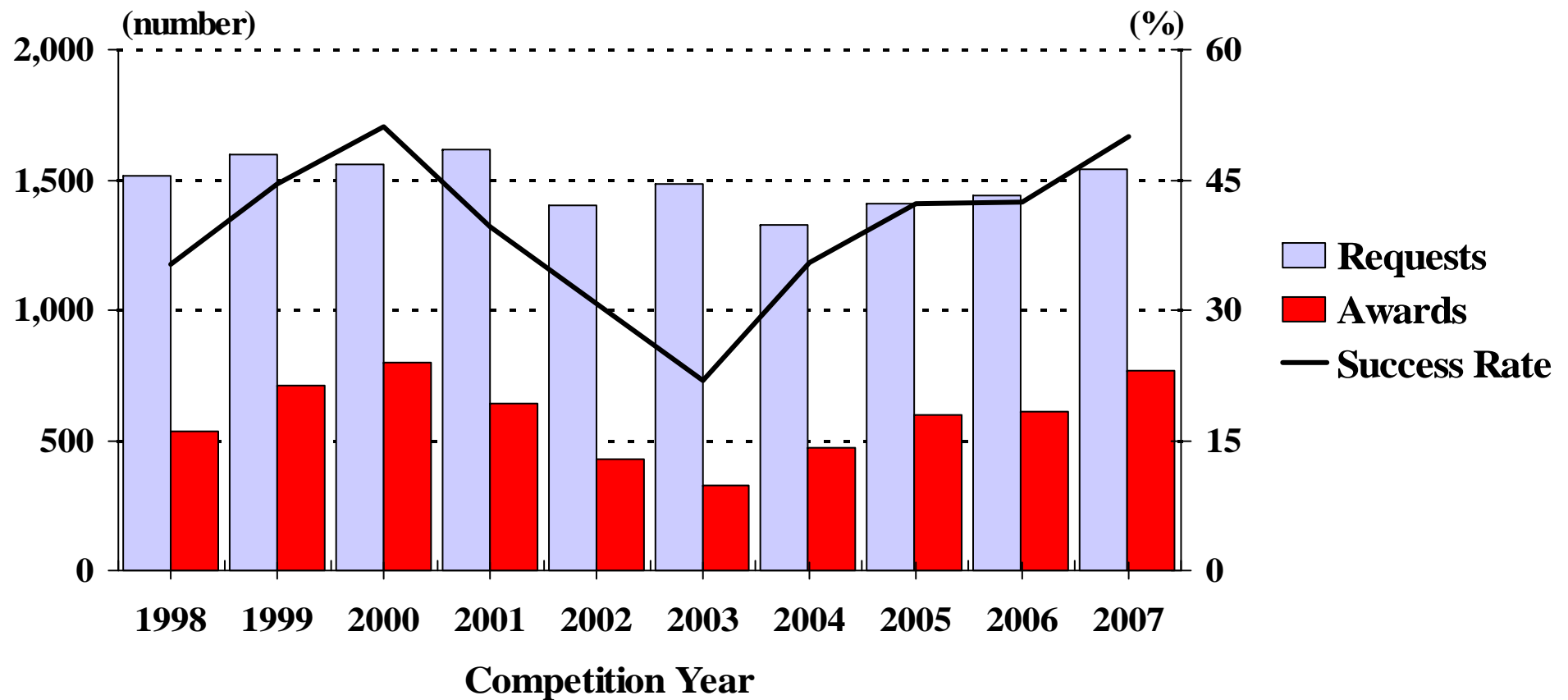
1. Researchers who have not previously held grants. Definition of new applicant changed in 1995. New applicants includes Subatomic Physics Discovery Grants individual and team since 2005.

# New Applicants<sup>1</sup> to the Discovery Grants Program - Success Rate<sup>2</sup> by Rank



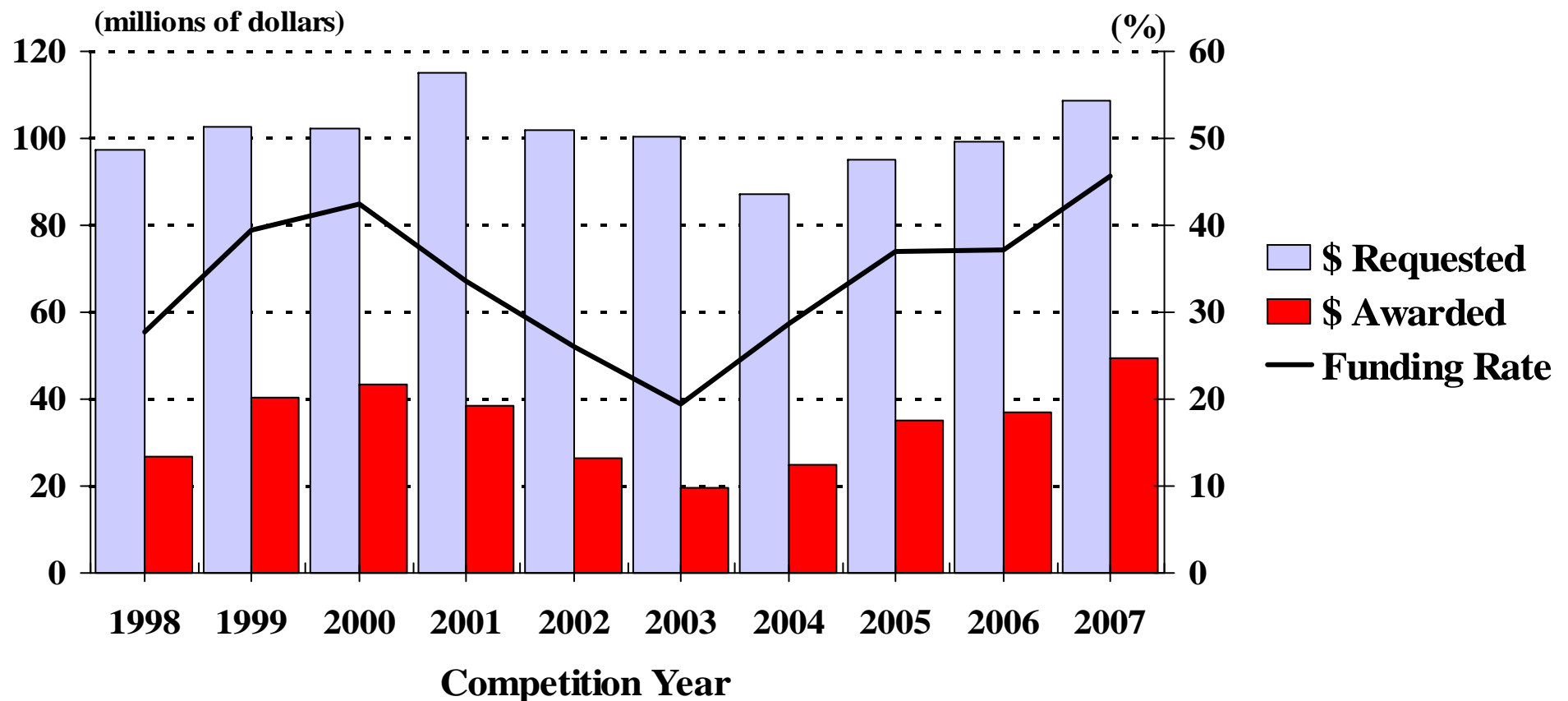
1. Researchers who have not previously held grants. Definition of new applicant changed in 1995. New applicants includes Subatomic Physics Discovery Grants individual and team since 2005.
2. No. of Awards/No. of Applications.

# Research Tools and Instruments Grants<sup>1</sup> Competition Results (Number of Applications and Awards)



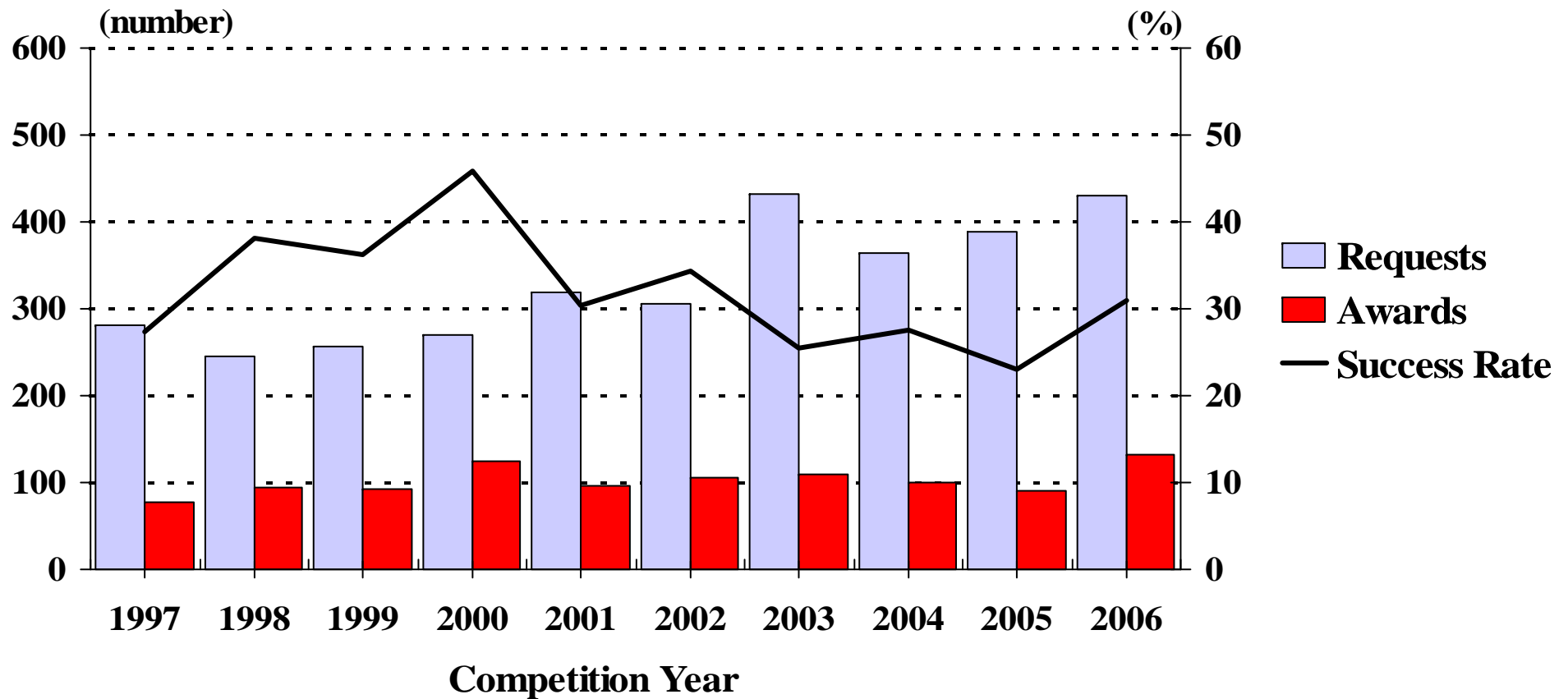
1. Category 1 (\$7,000 - \$150,000), Category 2 (\$150,000 - \$325,000), Category 3 (>\$325,000), and Subatomic Physics Research Tools and Instruments grants.

# Research Tools and Instruments Grants<sup>1</sup> Competition Results (Dollars Requested and Awarded)

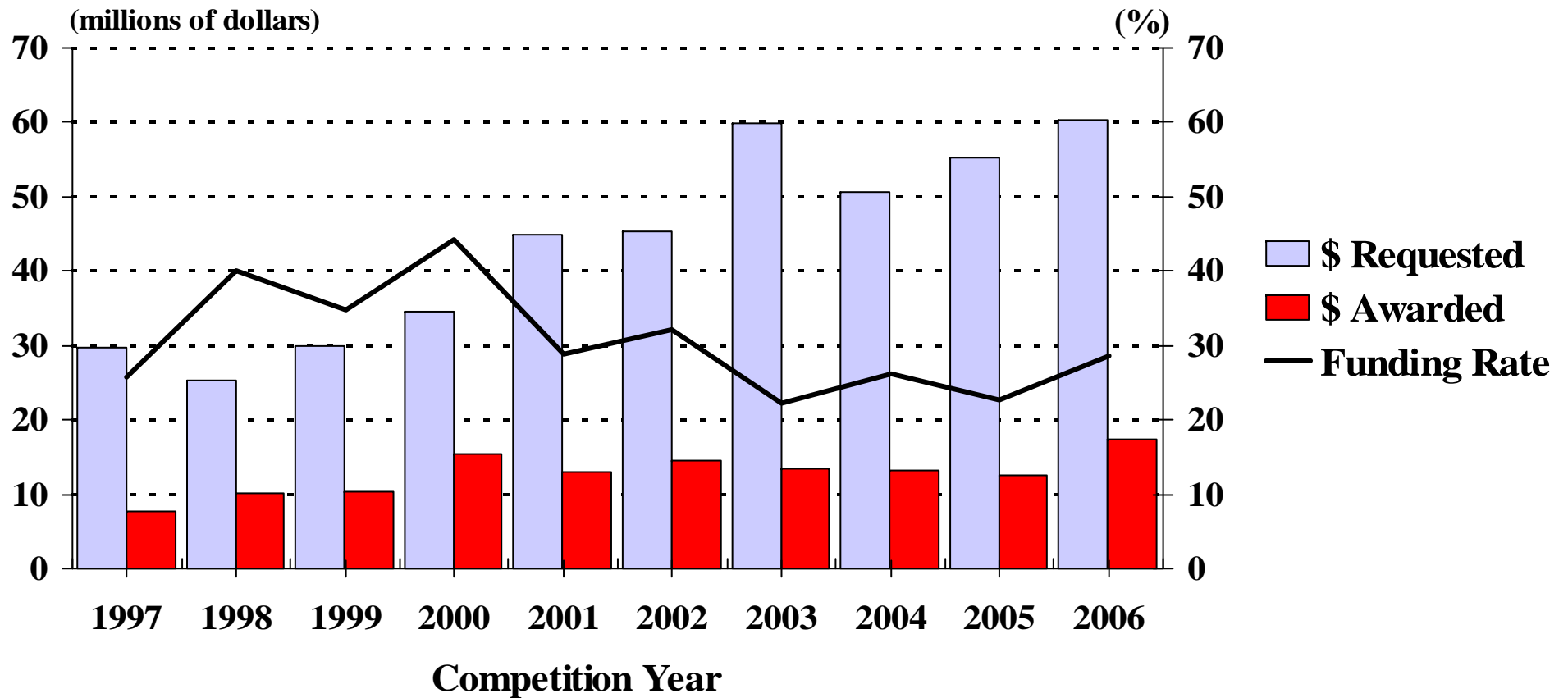


1. Category 1 (\$7,000 - \$150,000), Category 2 (\$150,000 - \$325,000), Category 3 (>\$325,000), and Subatomic Physics Research Tools and Instruments grants.

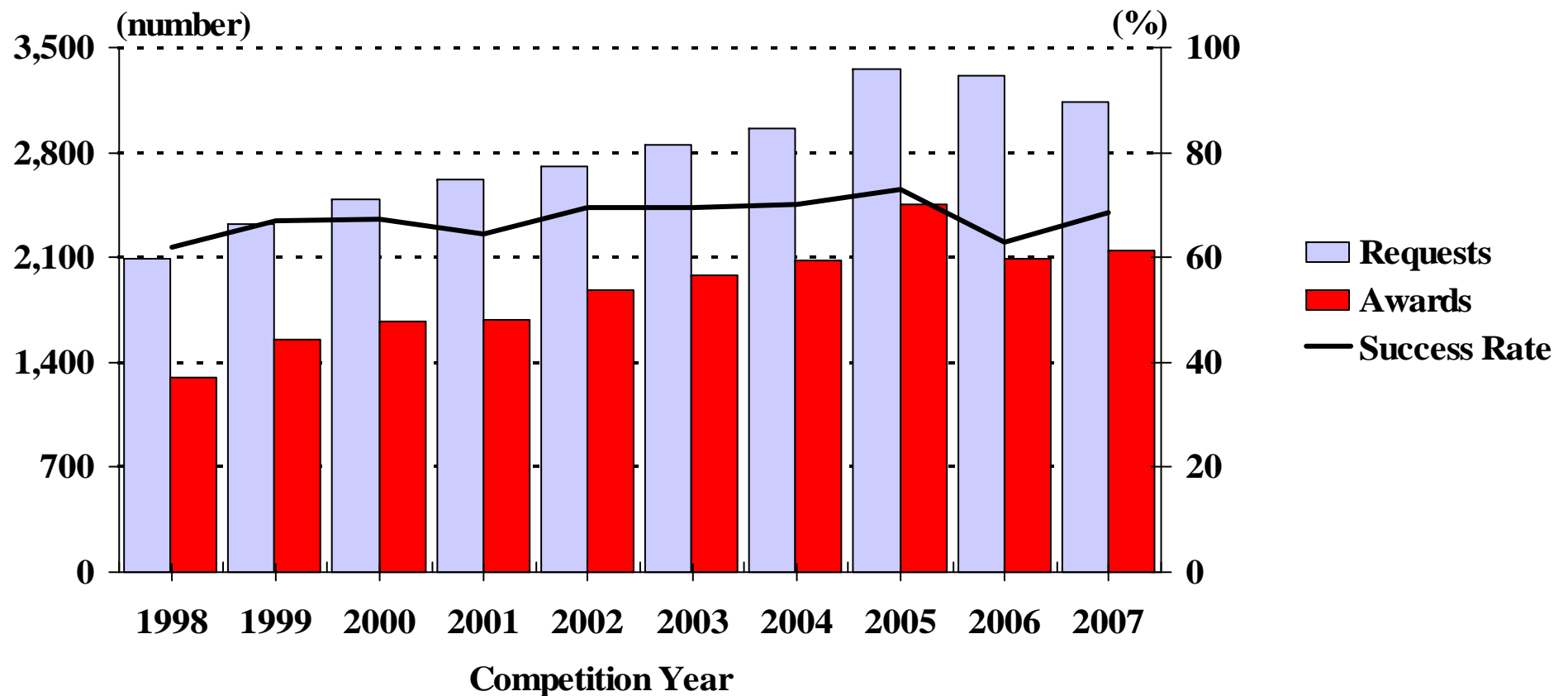
# Strategic Projects Competition Results (Number of Applications and Awards)



# Strategic Projects Competition Results (Dollars Requested and Awarded)

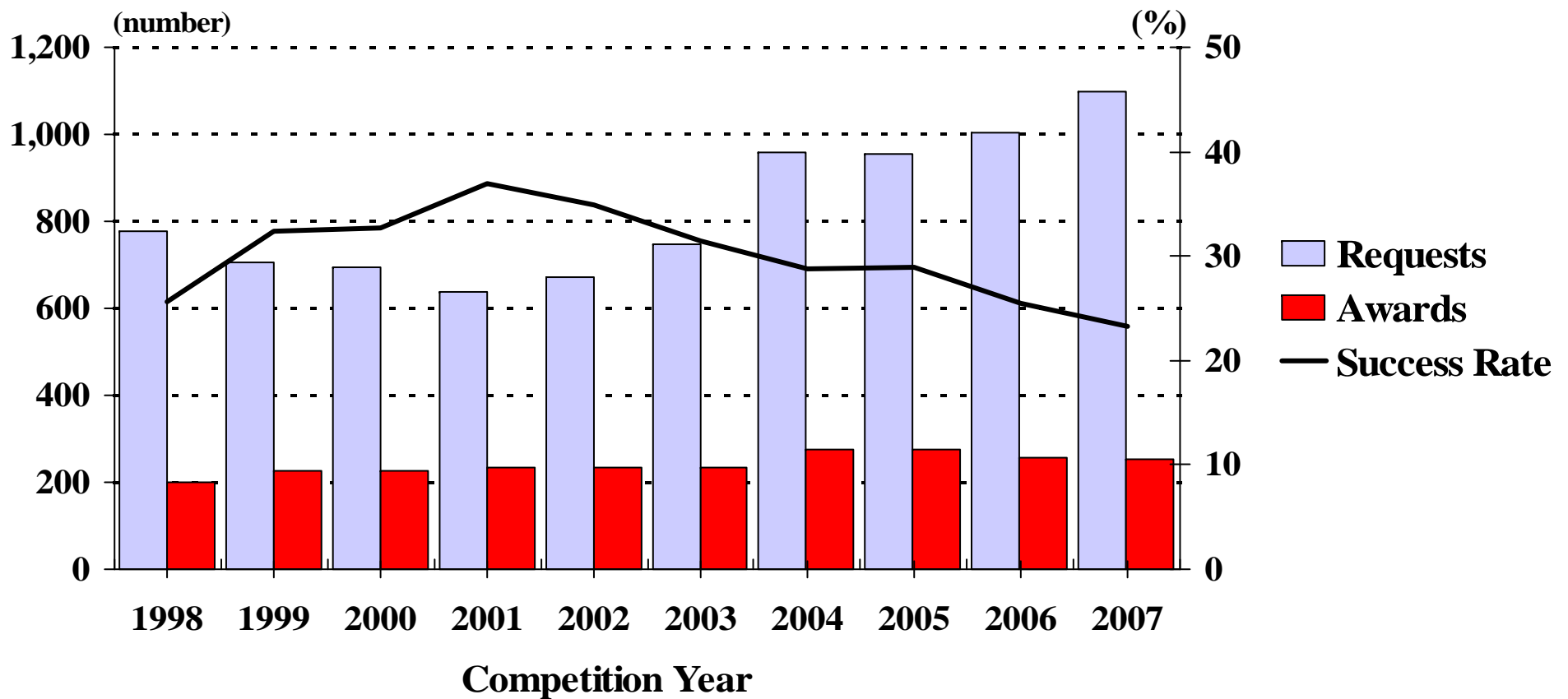


# Postgraduate Scholarships<sup>1</sup> Competition Results (Number of Applications and Awards)



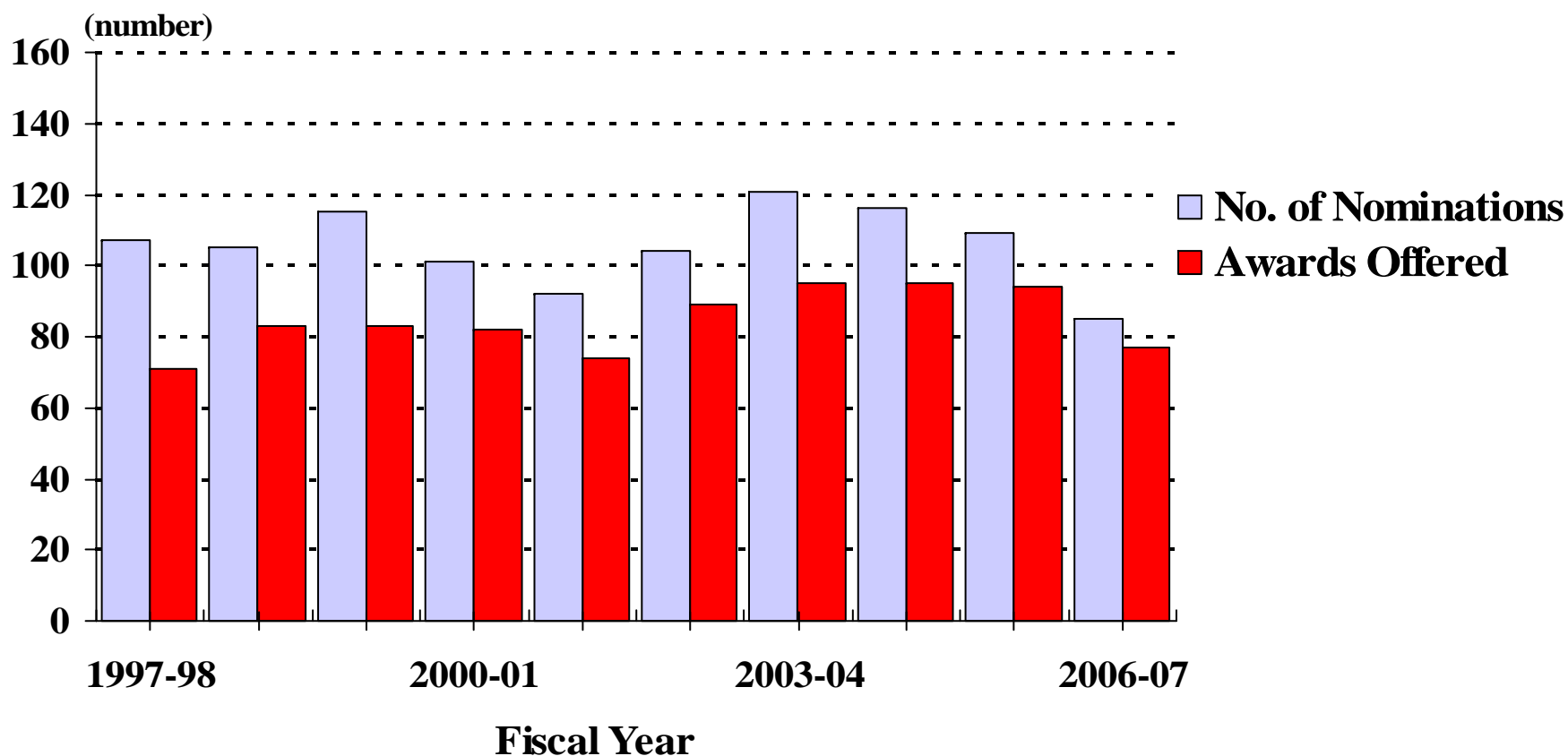
1. Includes PGS-M, PGS-D and Canada Graduate scholarships.

# Postdoctoral Fellowships<sup>1</sup> Competition Results (Number of Applications and Awards)

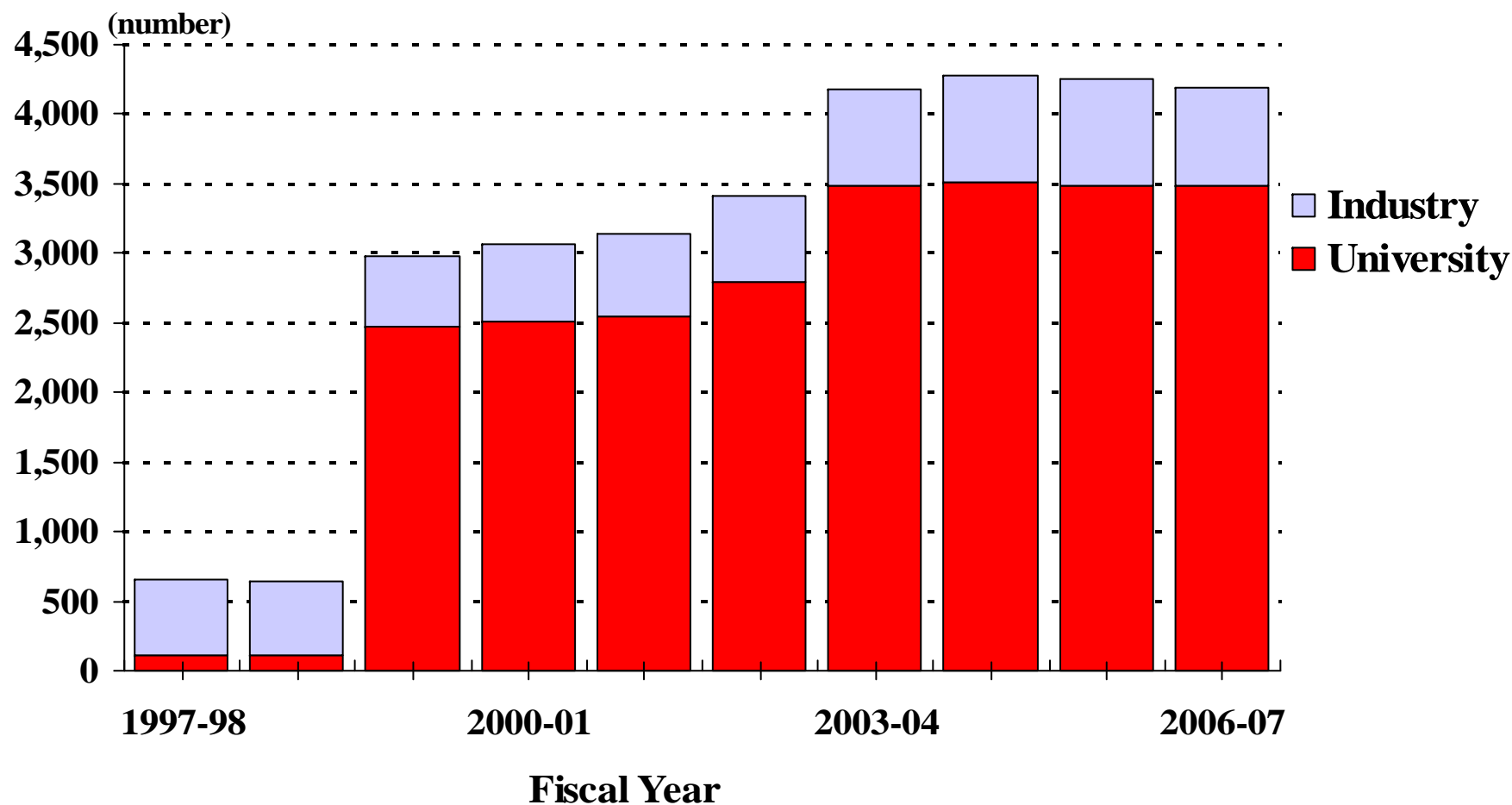


1. Excludes NATO Fellowships.

# Industrial R&D Fellowship Nominations and Awards Offered

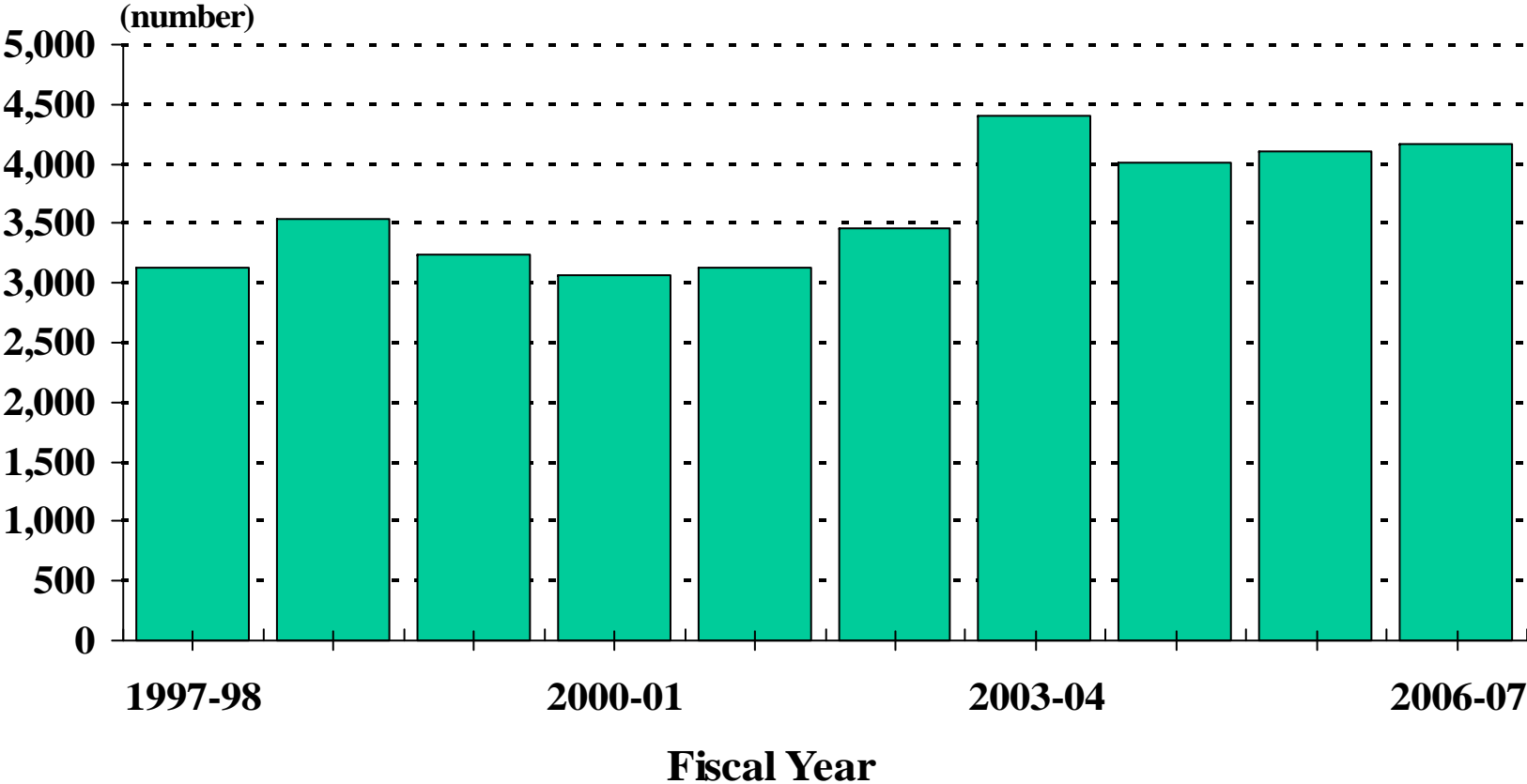


# Undergraduate Student Research Awards<sup>1</sup>



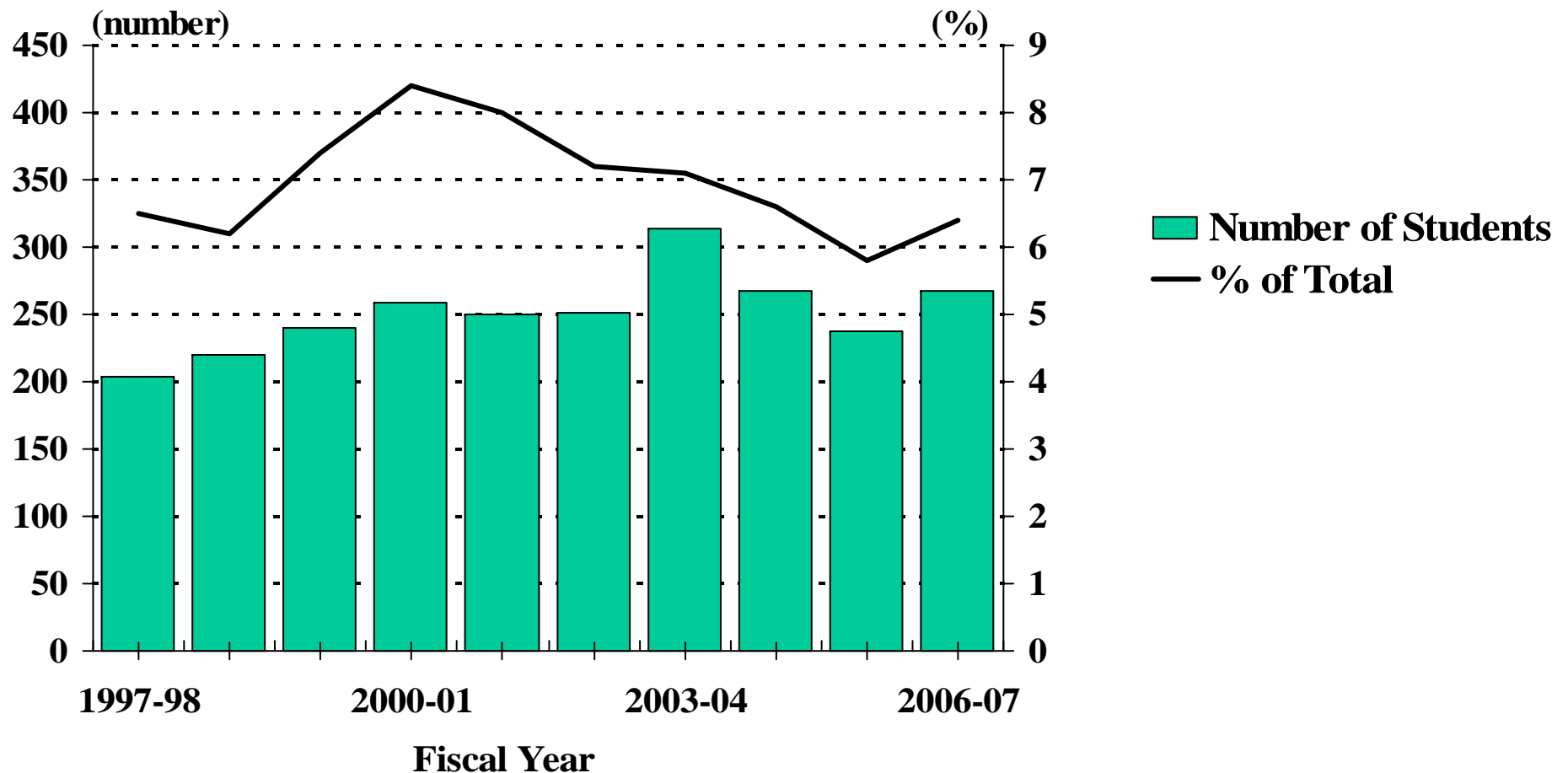
1. From 1995-96 to 1998-99 the University Undergraduate Student Research Awards were only given to small universities.

# Postgraduate Students Supported Through Scholarships<sup>1</sup>



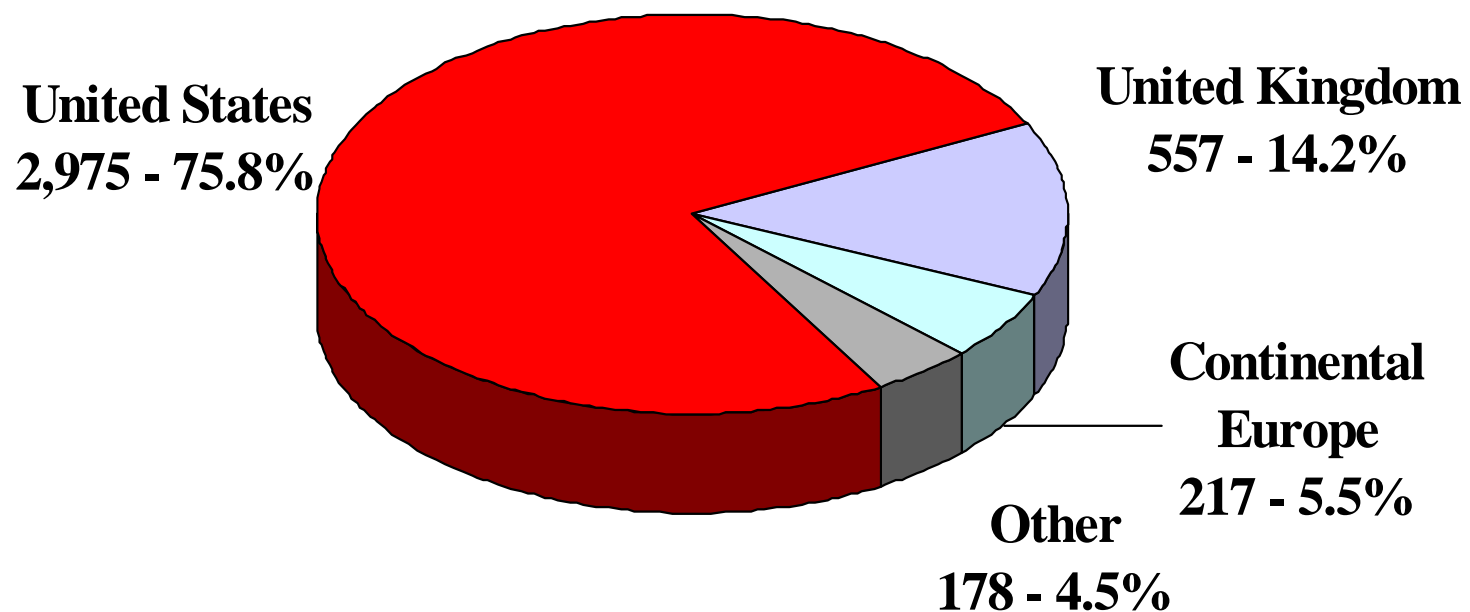
1. Includes all Postgraduate Scholarships and Canada Graduate Scholarships.

# Postgraduate Students Supported Through Scholarships<sup>1</sup> Who Held Their Award Outside Canada



1. Includes all Postgraduate Scholarships and Canada Graduate Scholarships.

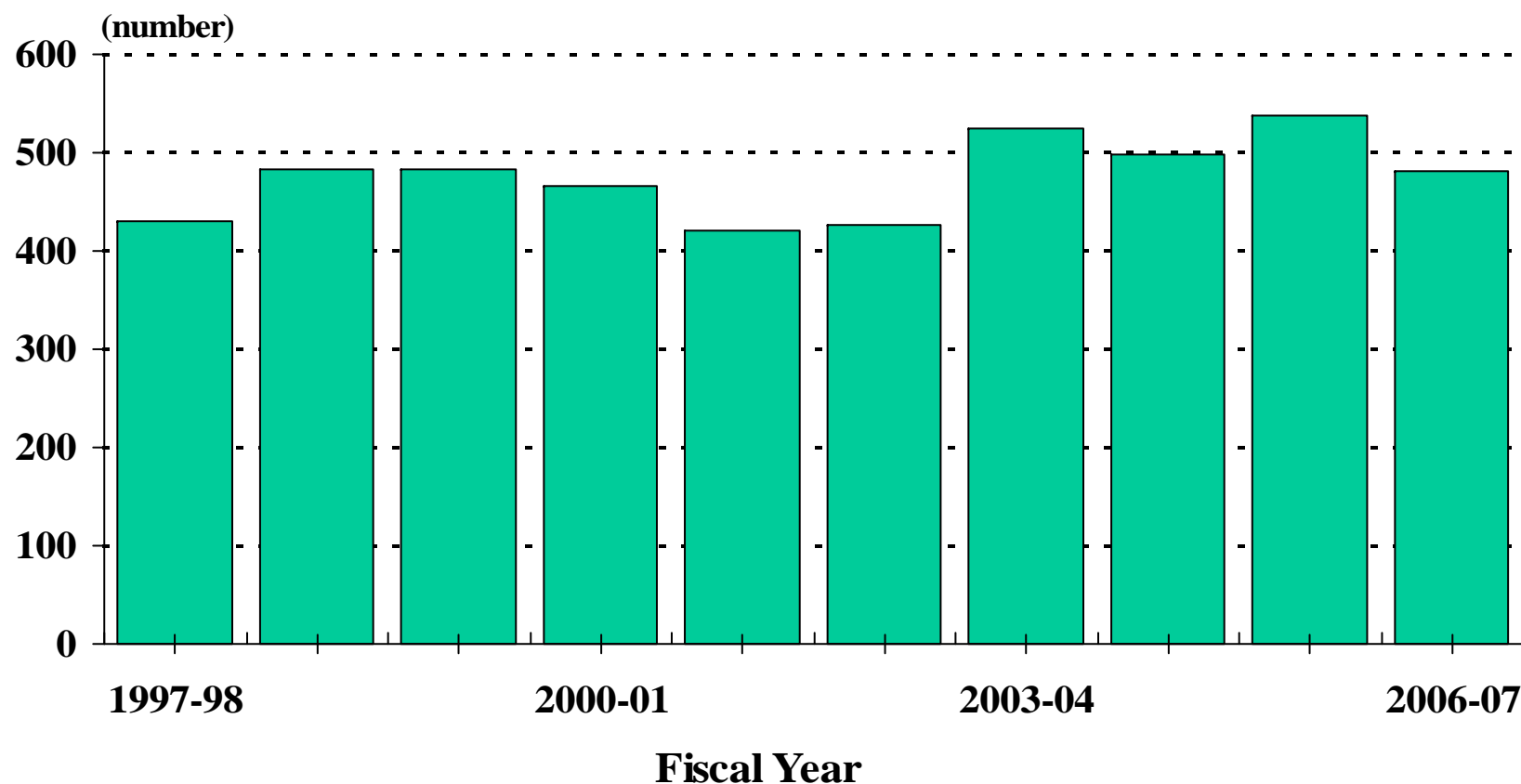
# Foreign Study Destination of NSERC Postgraduate Students Supported Through Scholarships<sup>1</sup>, 1987-88 to 2006-07



**Total: 3,927**

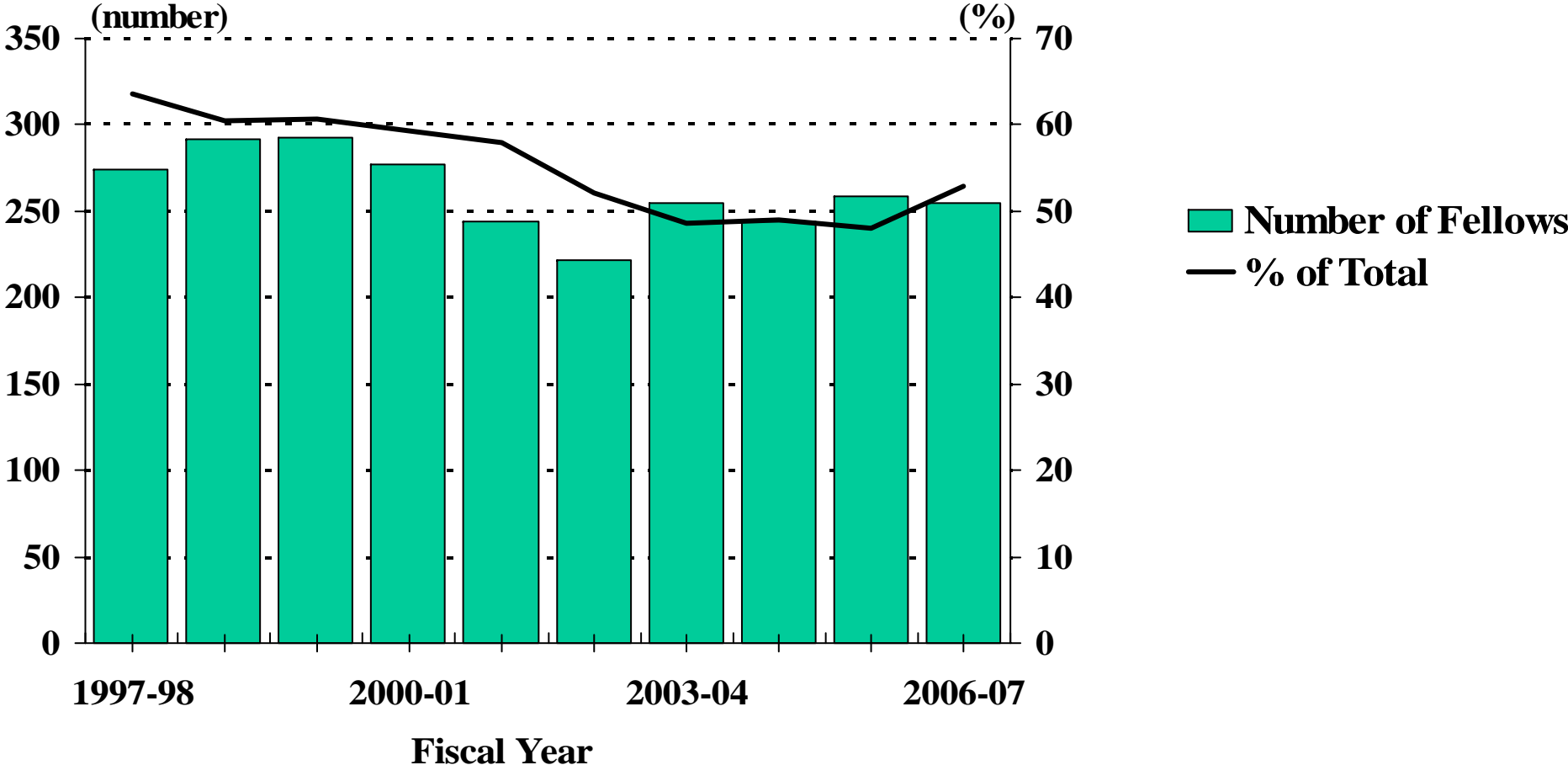
1. Includes all Postgraduate Scholarships.

# Postdoctoral Fellows Supported<sup>1</sup> Through Postdoctoral Fellowship Program



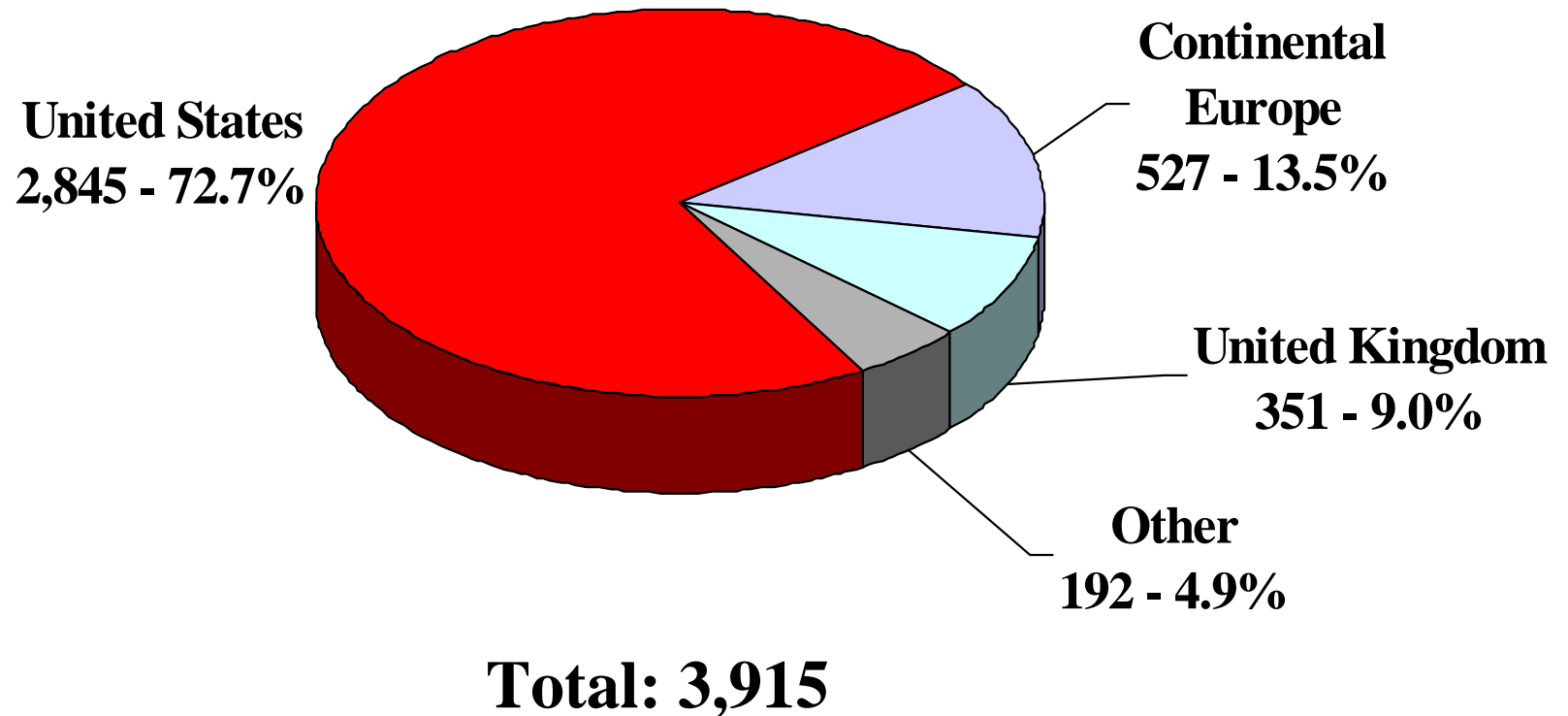
1. Excludes NATO awards.

# Postdoctoral Fellows Supported<sup>1</sup> Who Held Their Award Outside Canada



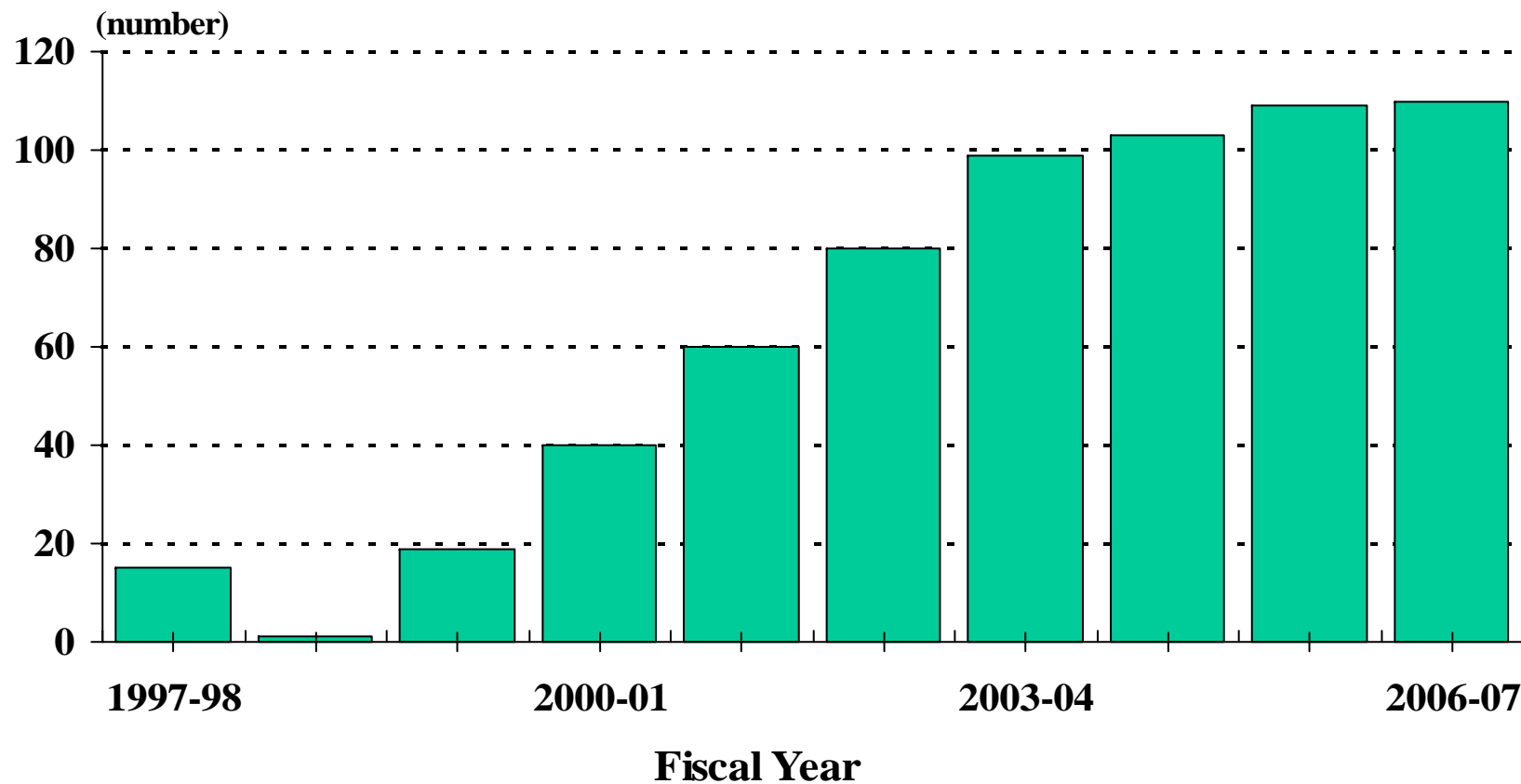
1. Excludes NATO awards.

# Foreign Study Destinations of NSERC Postdoctoral Fellows Supported<sup>1</sup>, 1987-88 to 2006-07



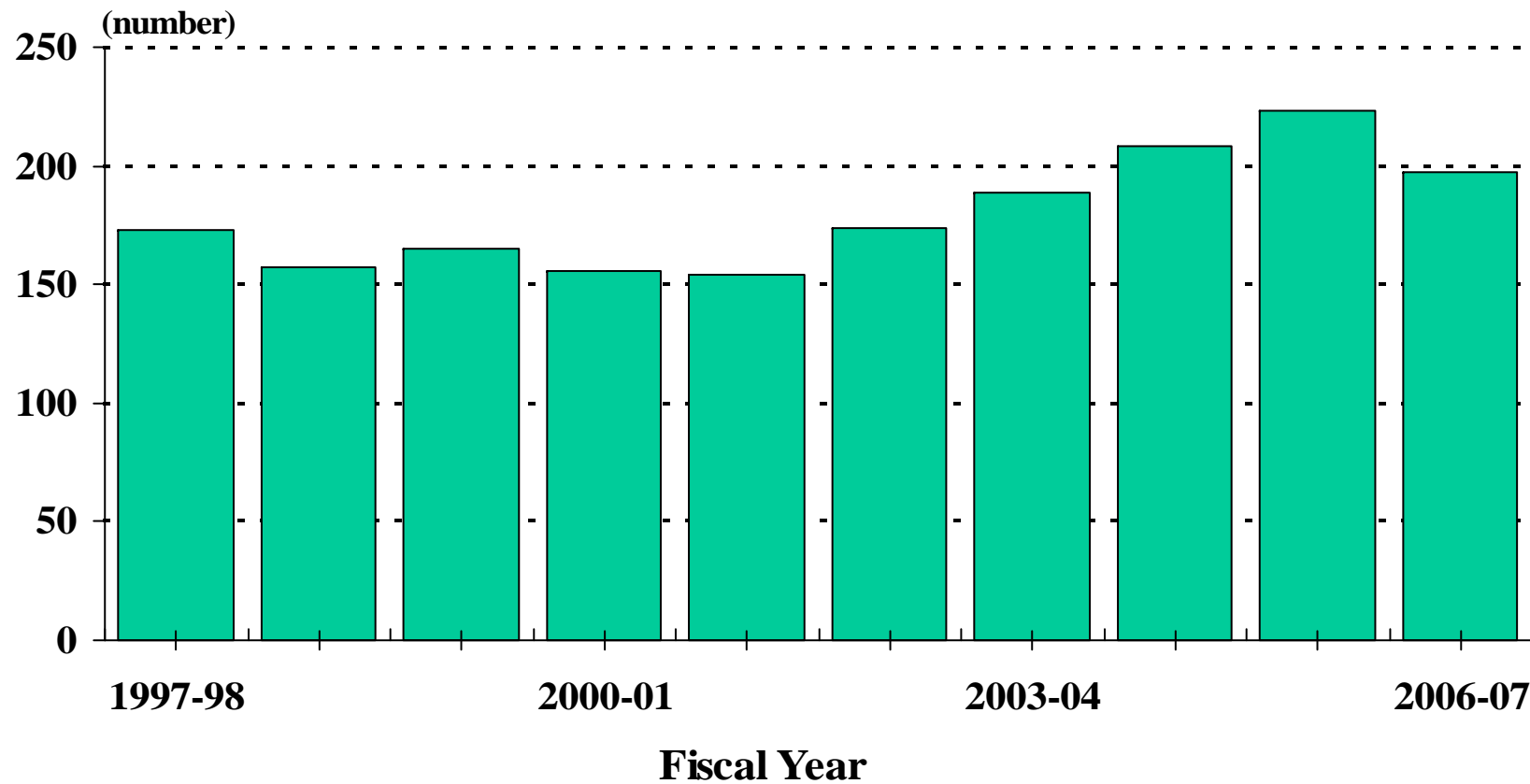
1. Excludes NATO awards.

# Women<sup>1</sup>/University Faculty Awards Held

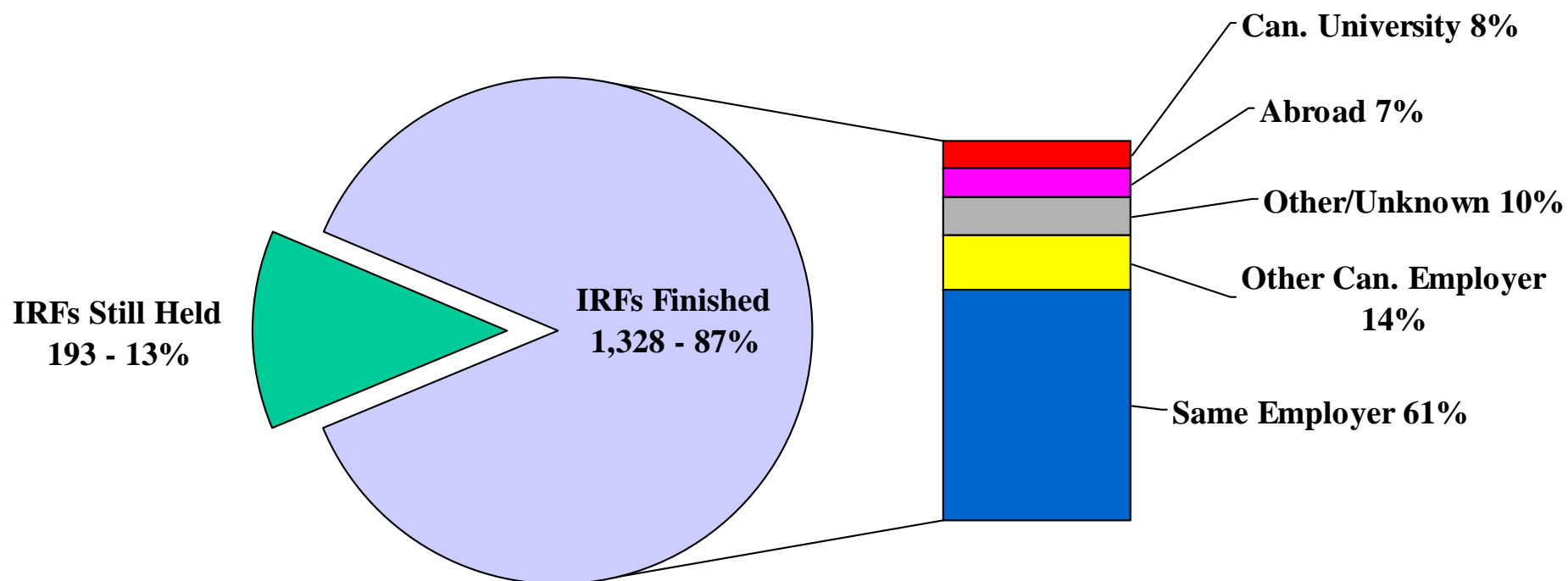


1. Program was cancelled in 1995 and reinstated with modifications in 1999.

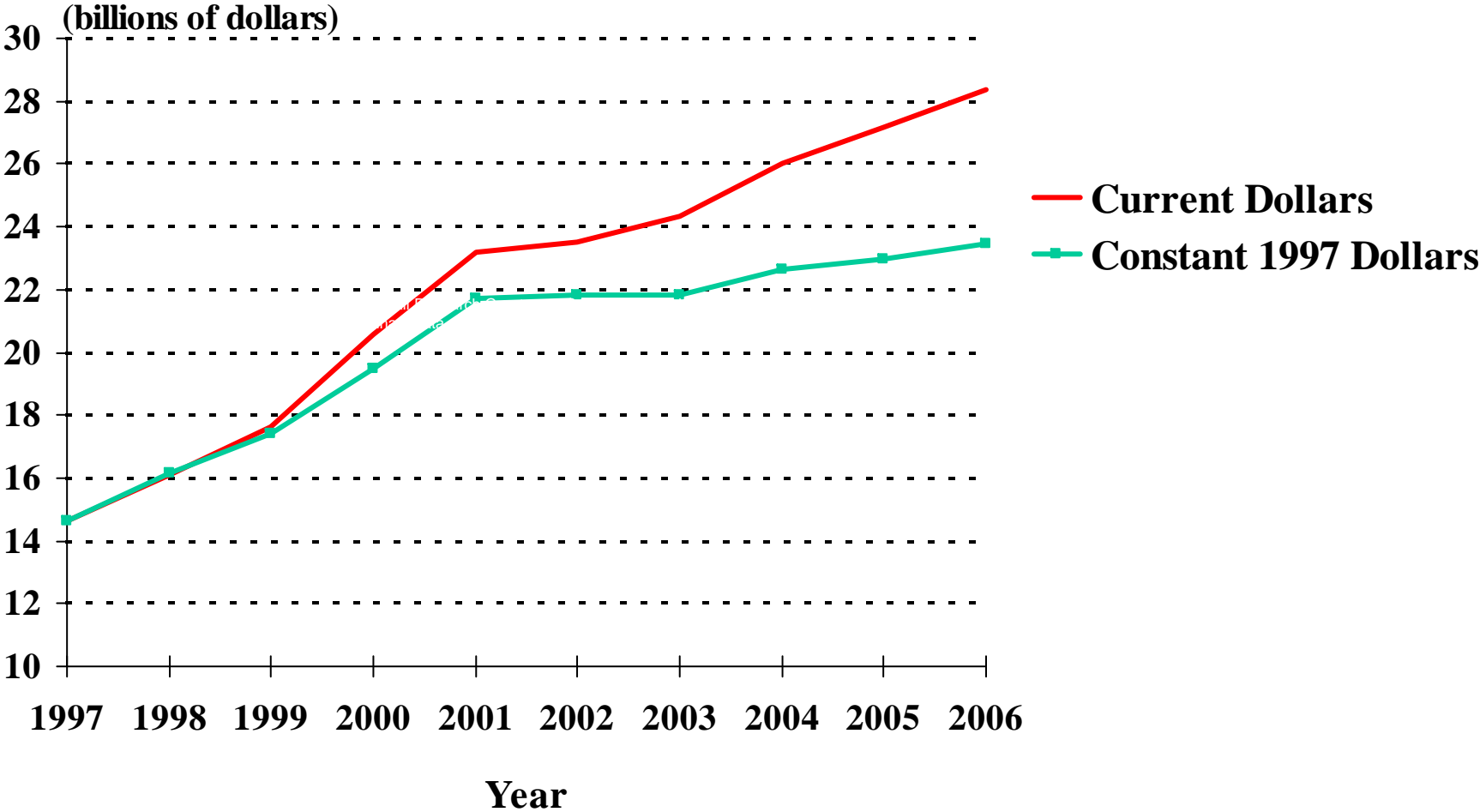
# Industrial R&D Fellowship Awards Held



# Employment of Industrial R&D Fellows 1980-2005

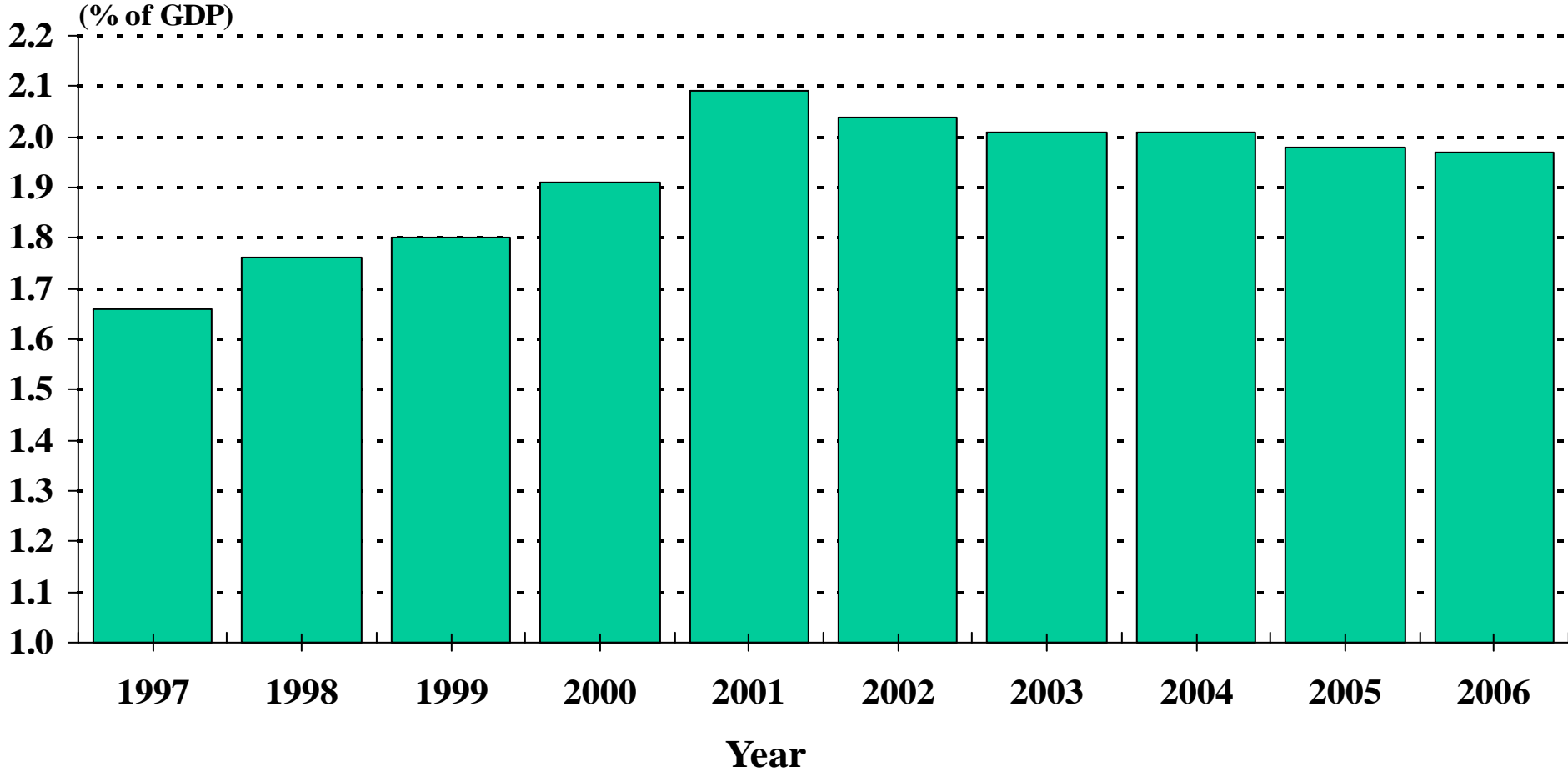


# Gross Expenditures on R&D (GERD) in Canada



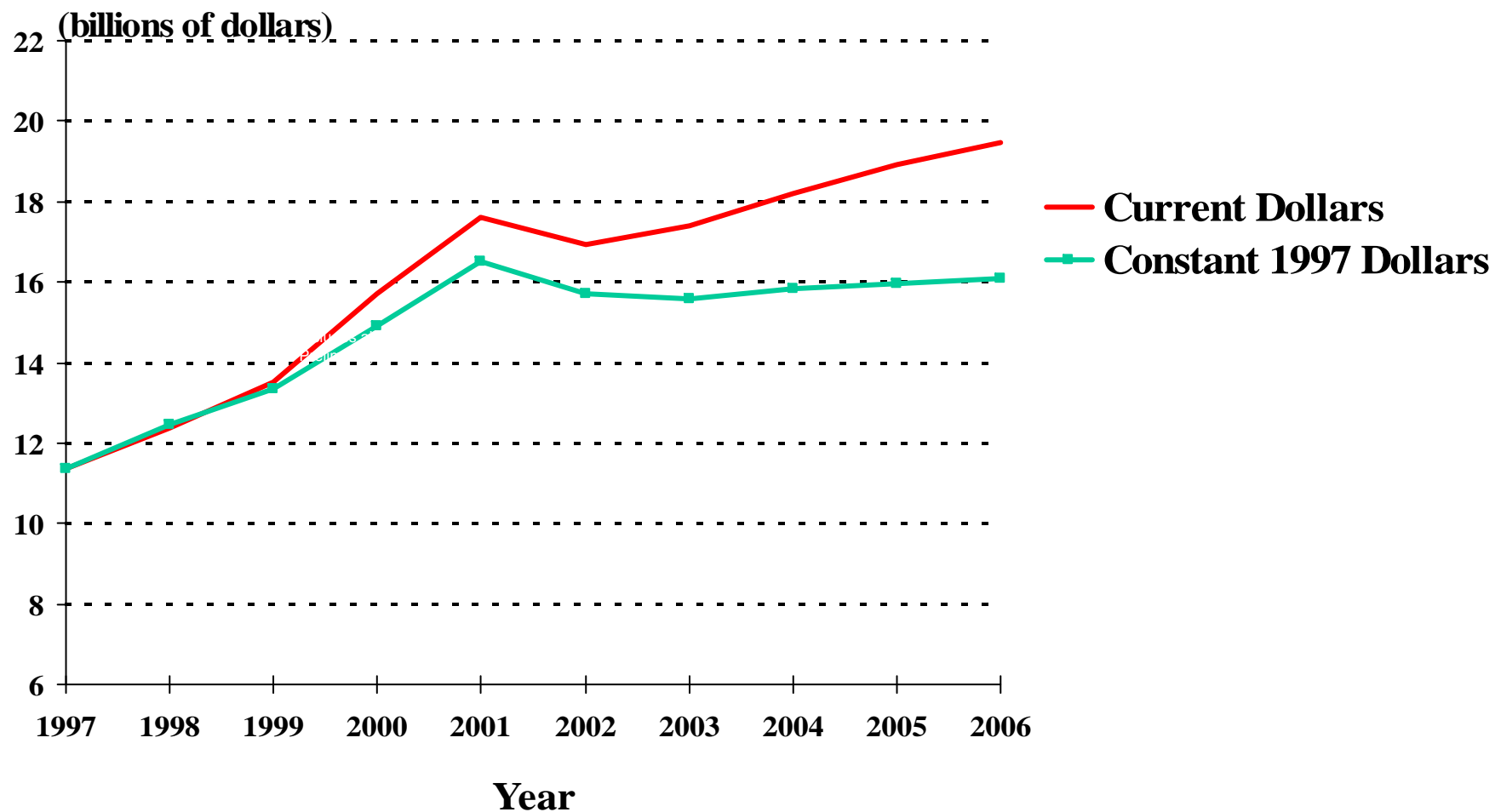
Source: Statistics Canada.

# Canada: GERD as a % of GDP



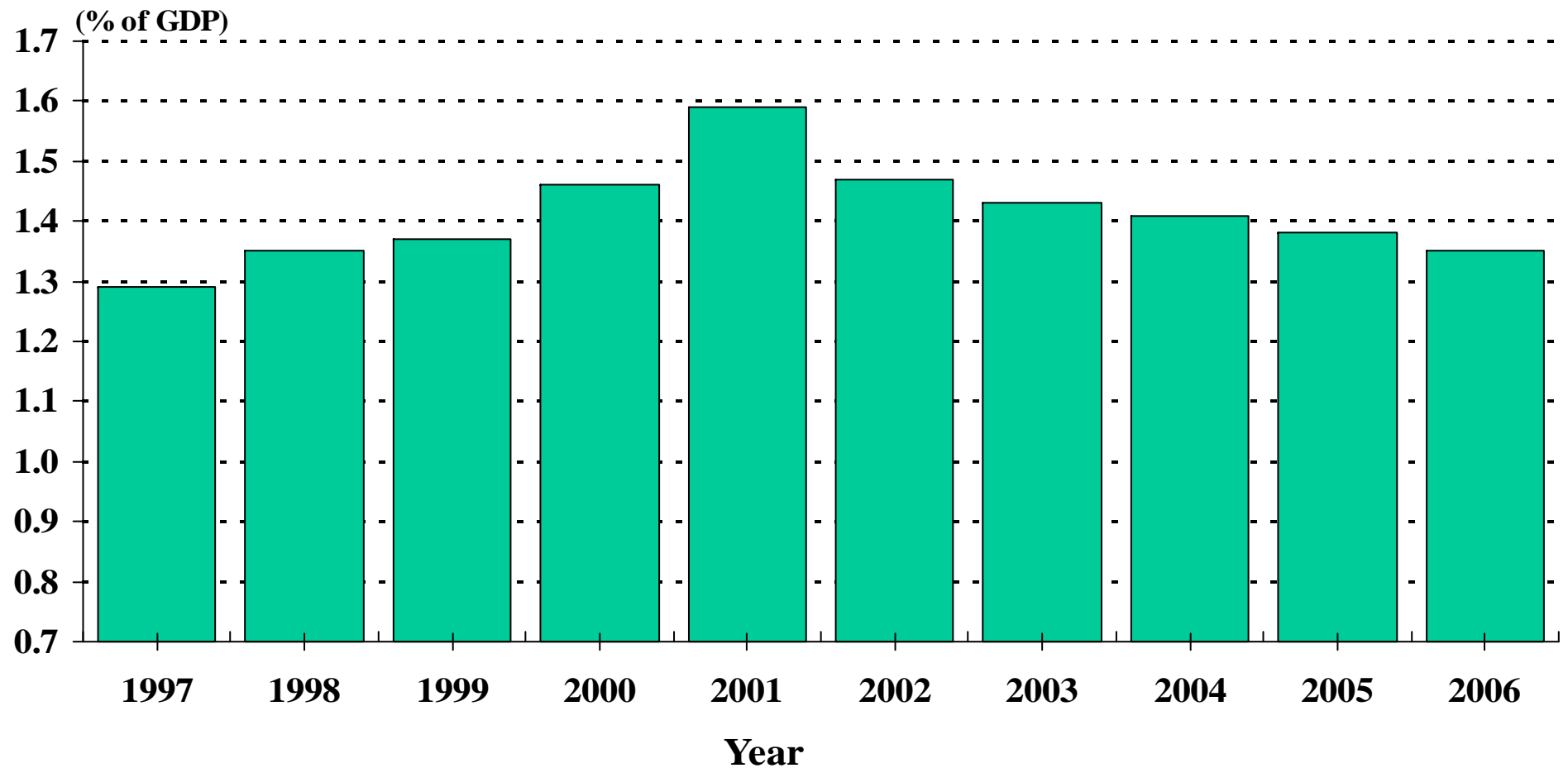
Source: Statistics Canada.

# Gross Expenditures on R&D (NSE) in Canada



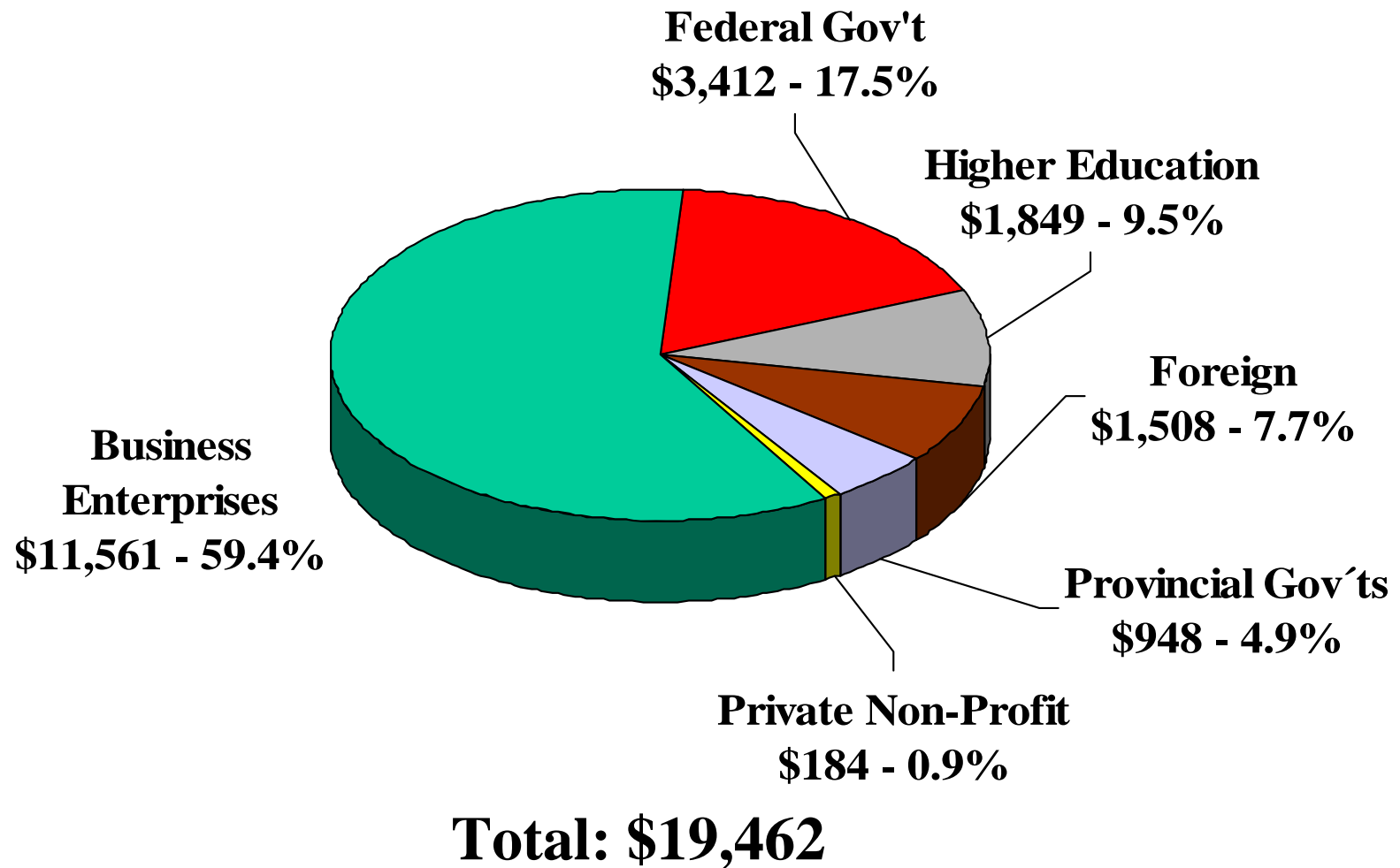
Source: Statistics Canada.

# Canada: GERD in the NSE as a % of GDP



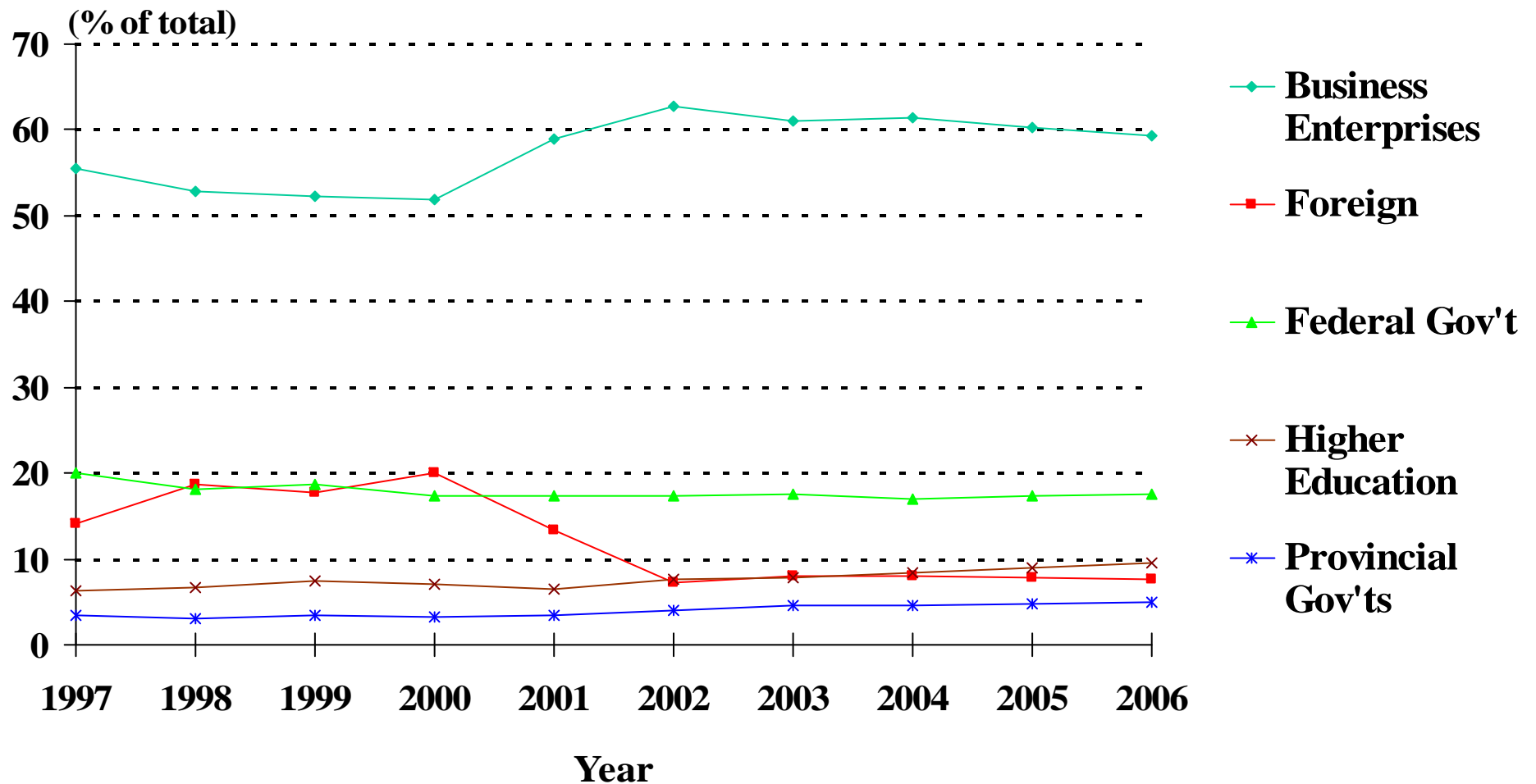
Source: Statistics Canada.

# GERD (NSE) by Funding Sector 2006 (millions of dollars)



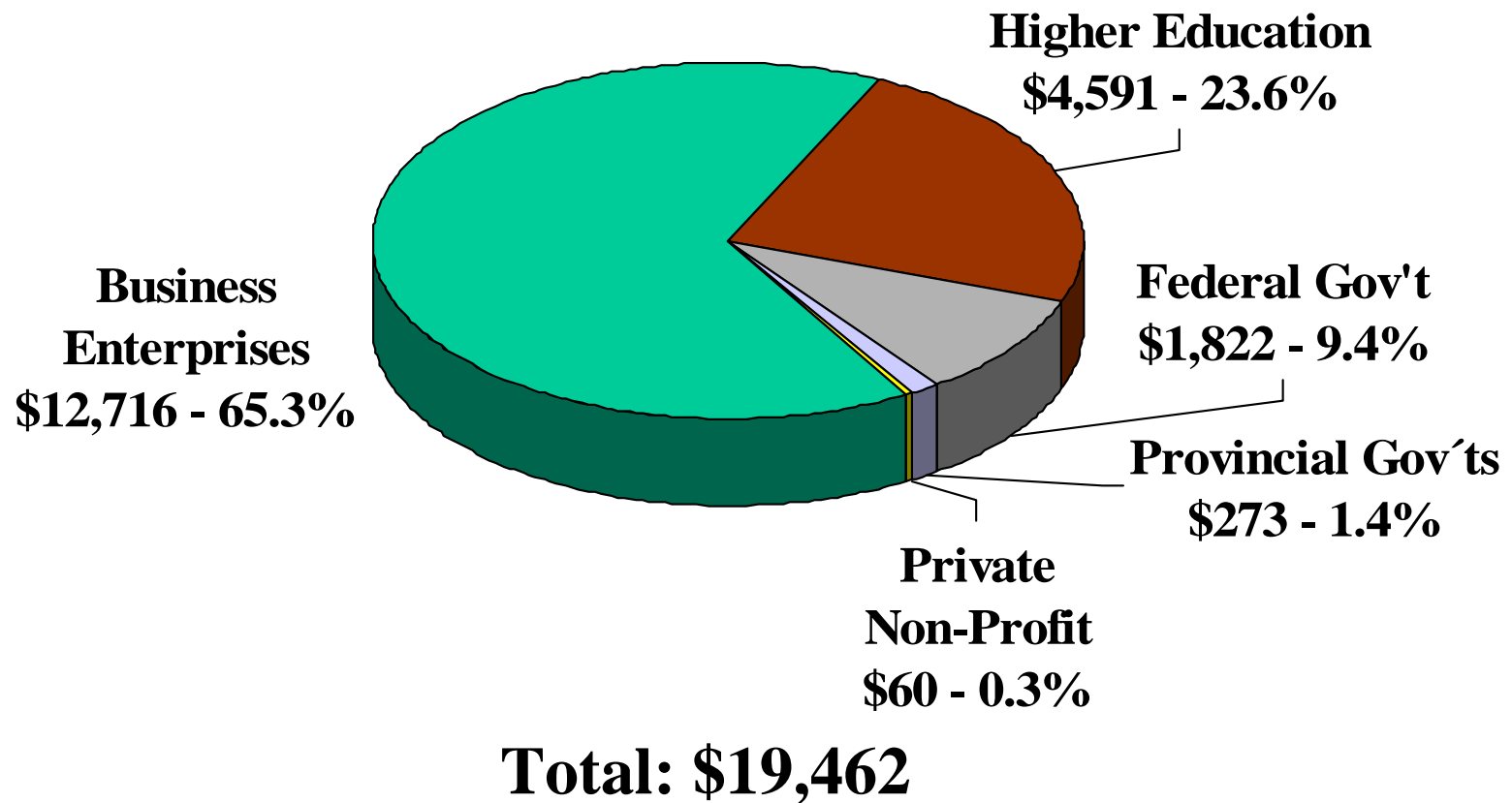
Source: Statistics Canada.

# GERD (NSE) by Funding Sector



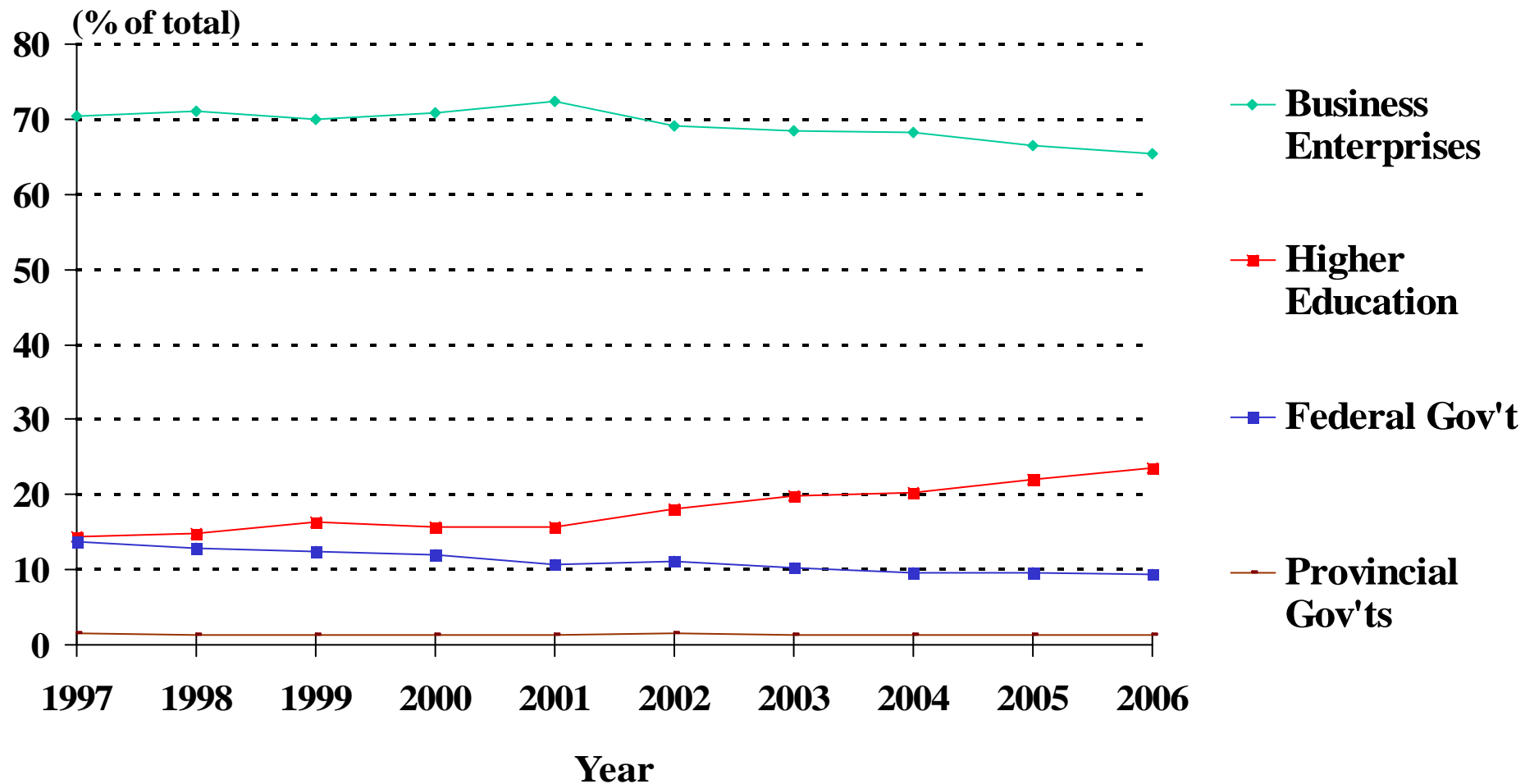
Source: Statistics Canada.

# GERD (NSE) by Performing Sector 2006 (millions of dollars)



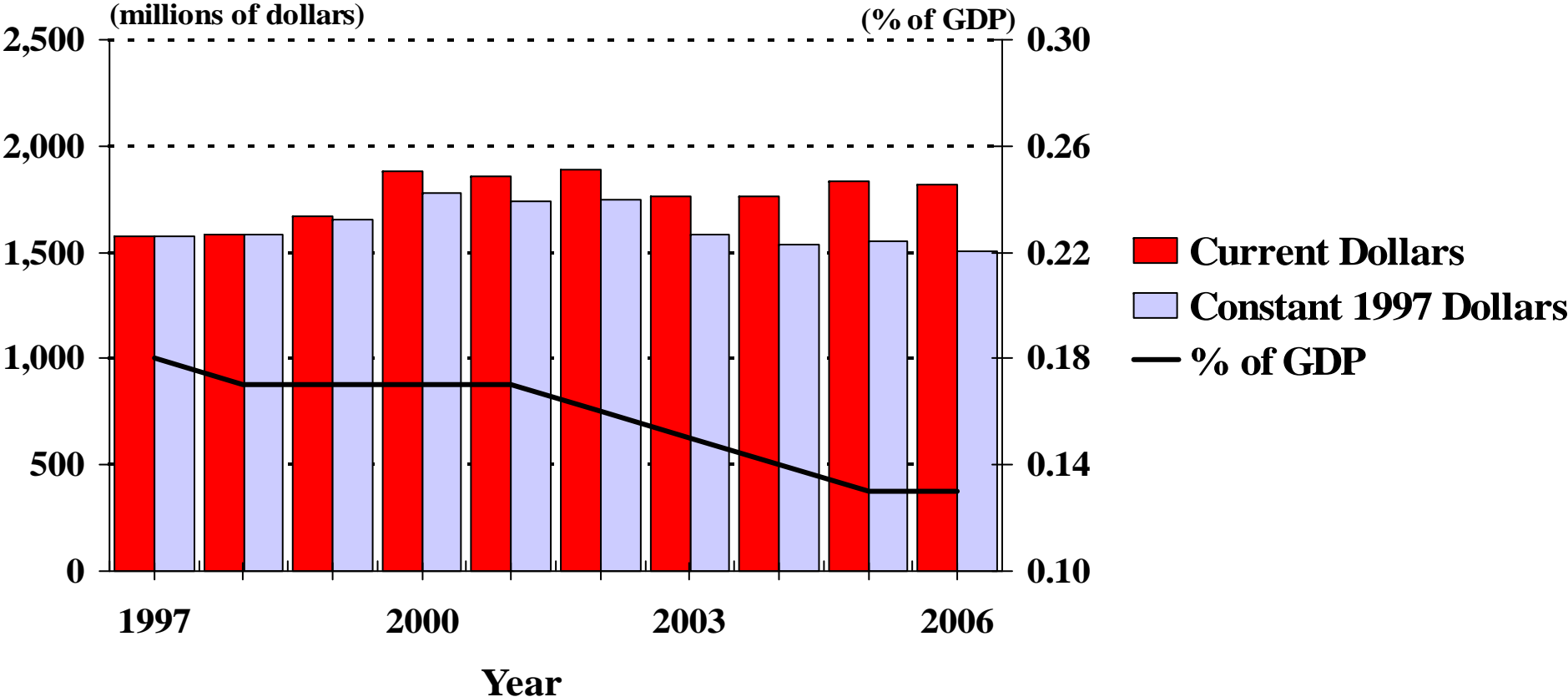
Source: Statistics Canada.

# GERD (NSE) by Performing Sector



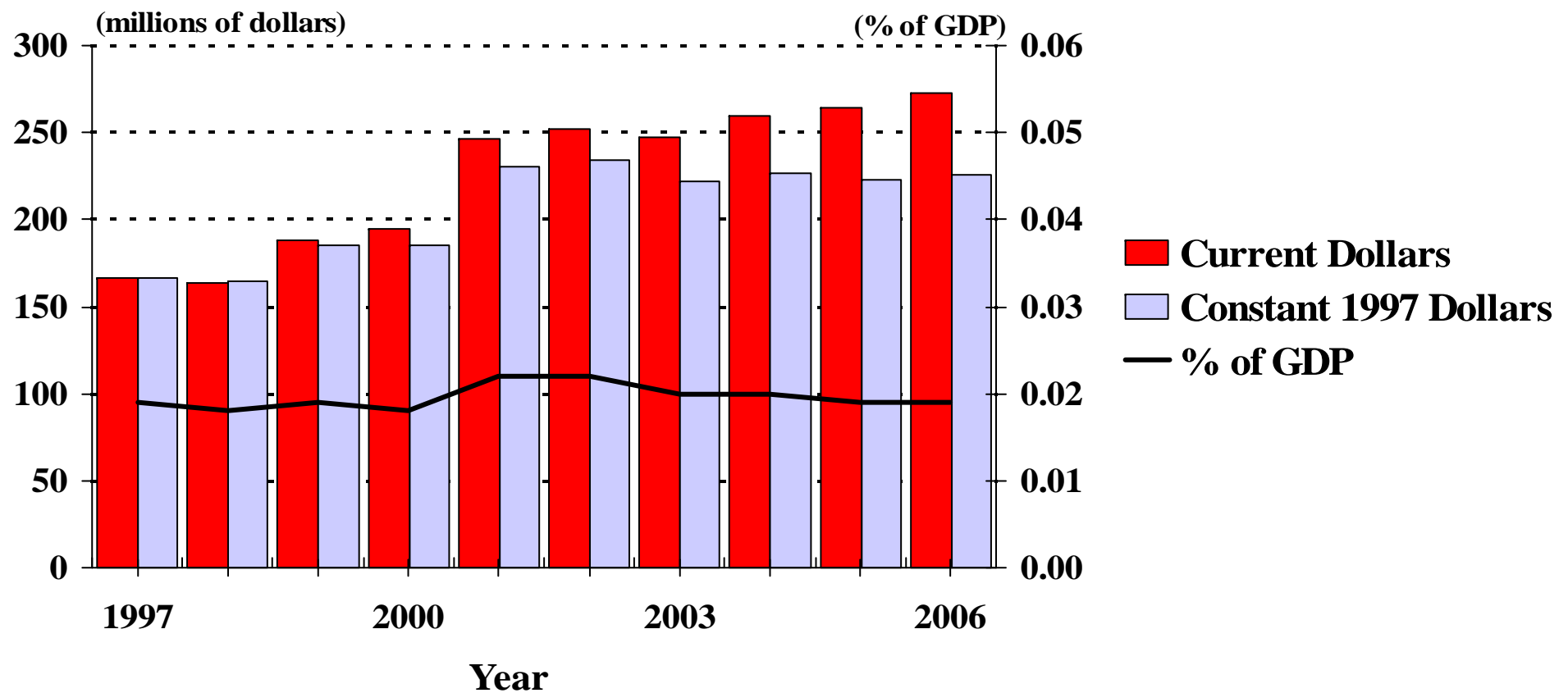
Source: Statistics Canada.

# GERD (NSE) by Performer - Federal Government



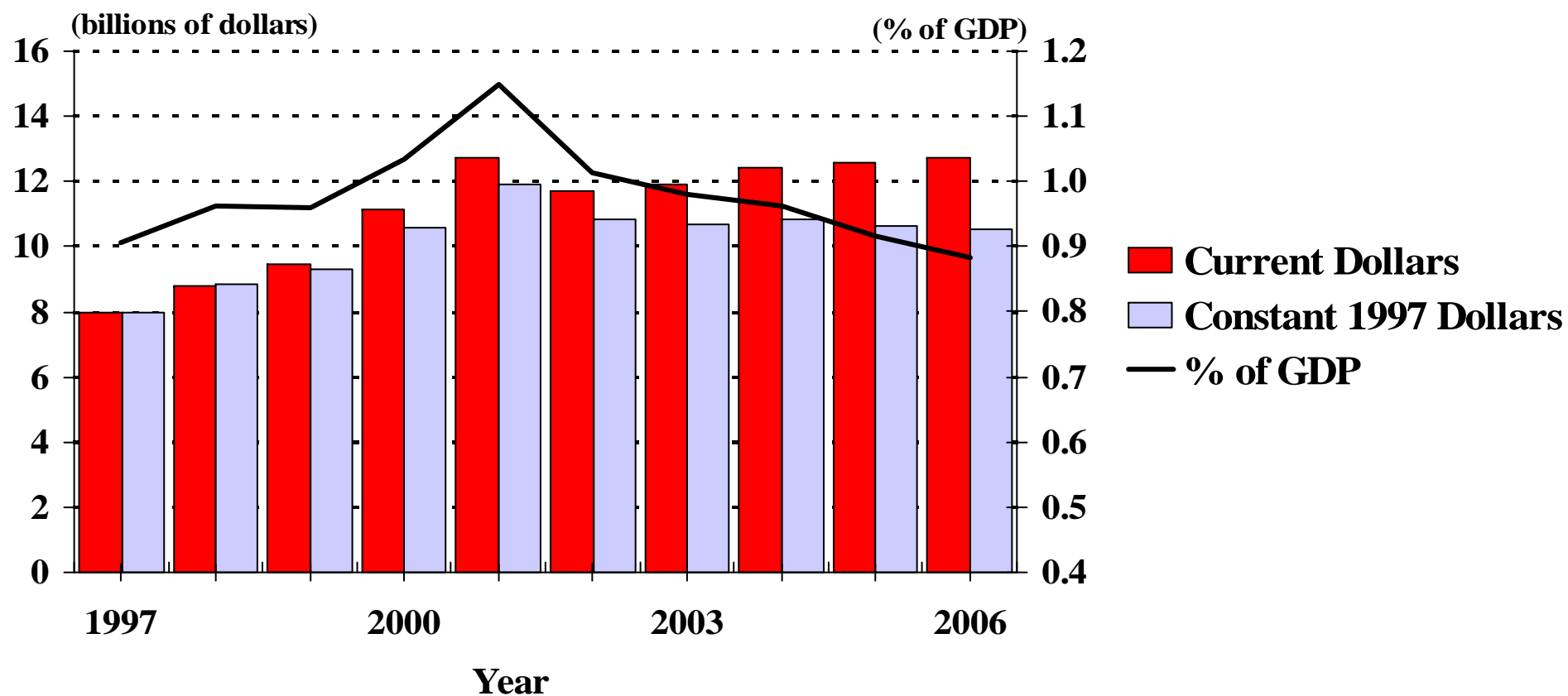
Source : Statistics Canada.

# GERD (NSE) by Performer - Provincial Governments



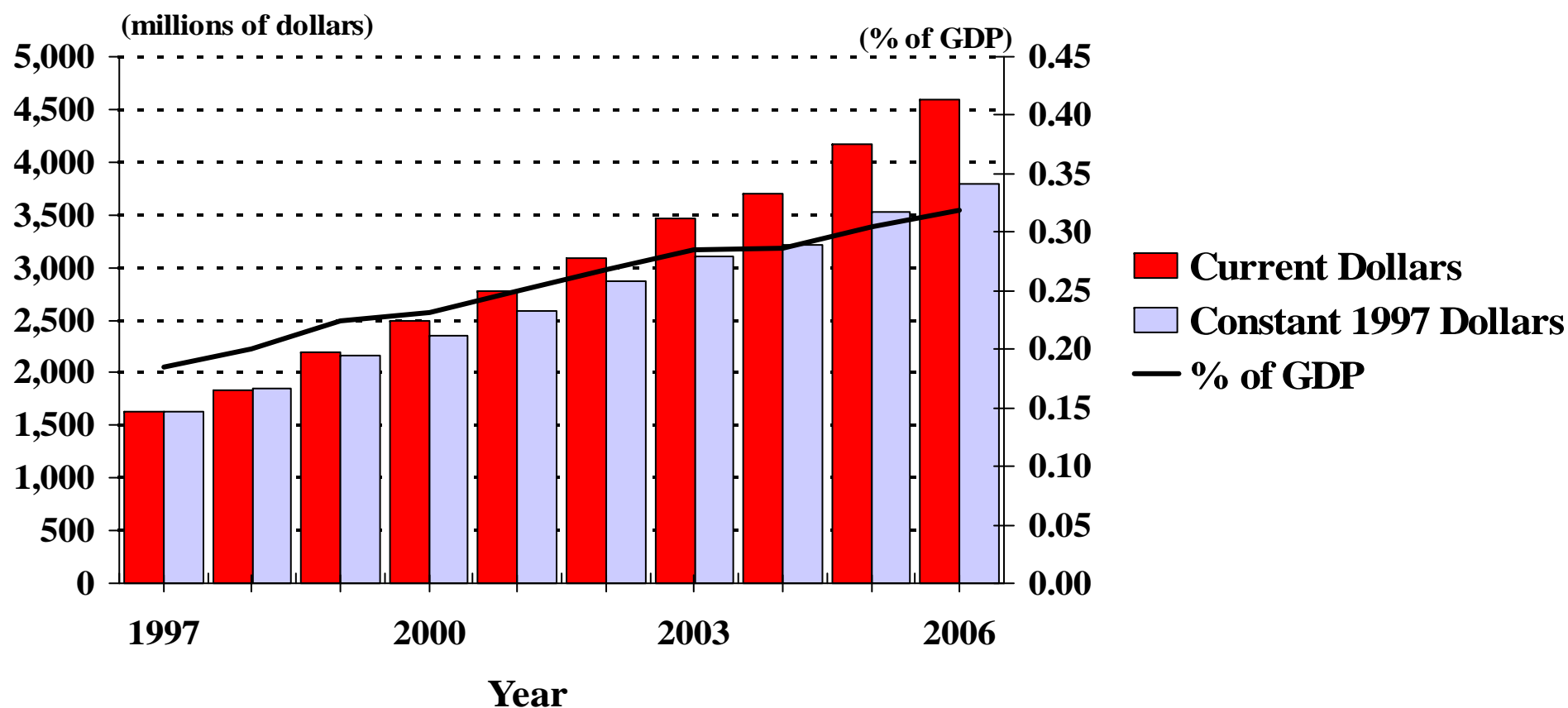
Source : Statistics Canada.

# GERD (NSE) by Performer - Business Enterprises



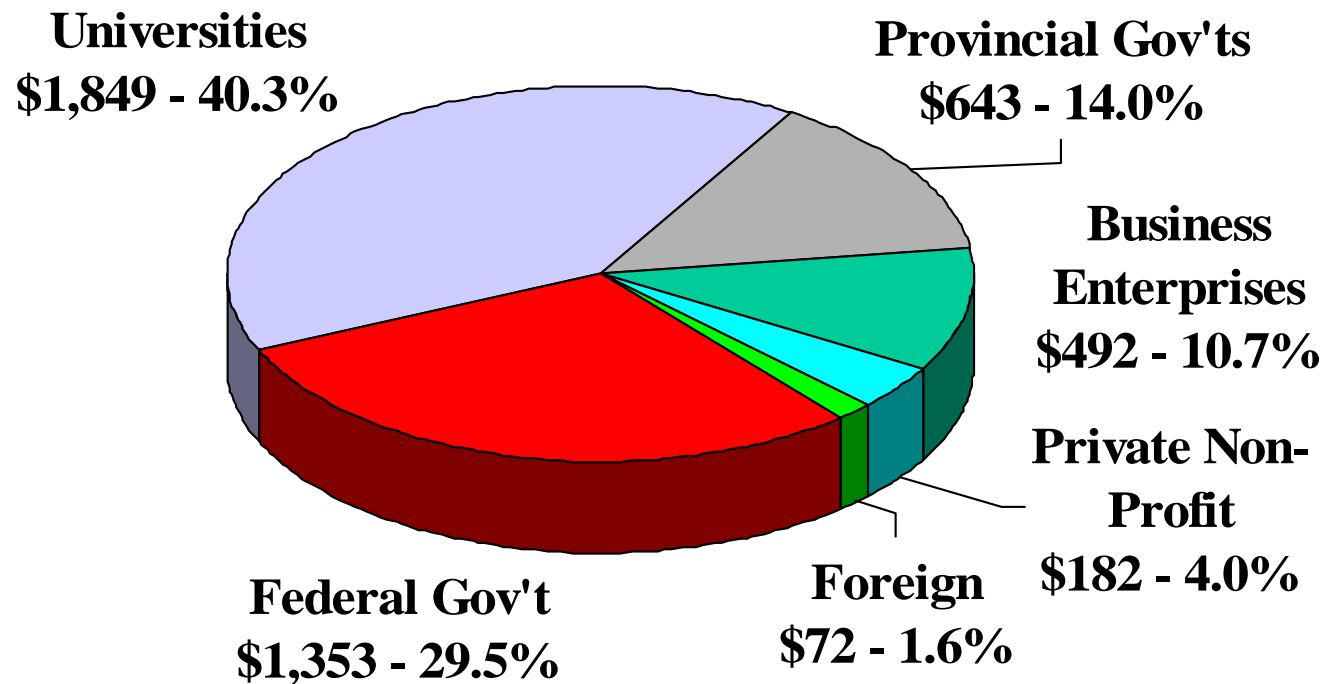
Source : Statistics Canada.

# GERD (NSE) by Performer - Higher Education



Source : Statistics Canada.

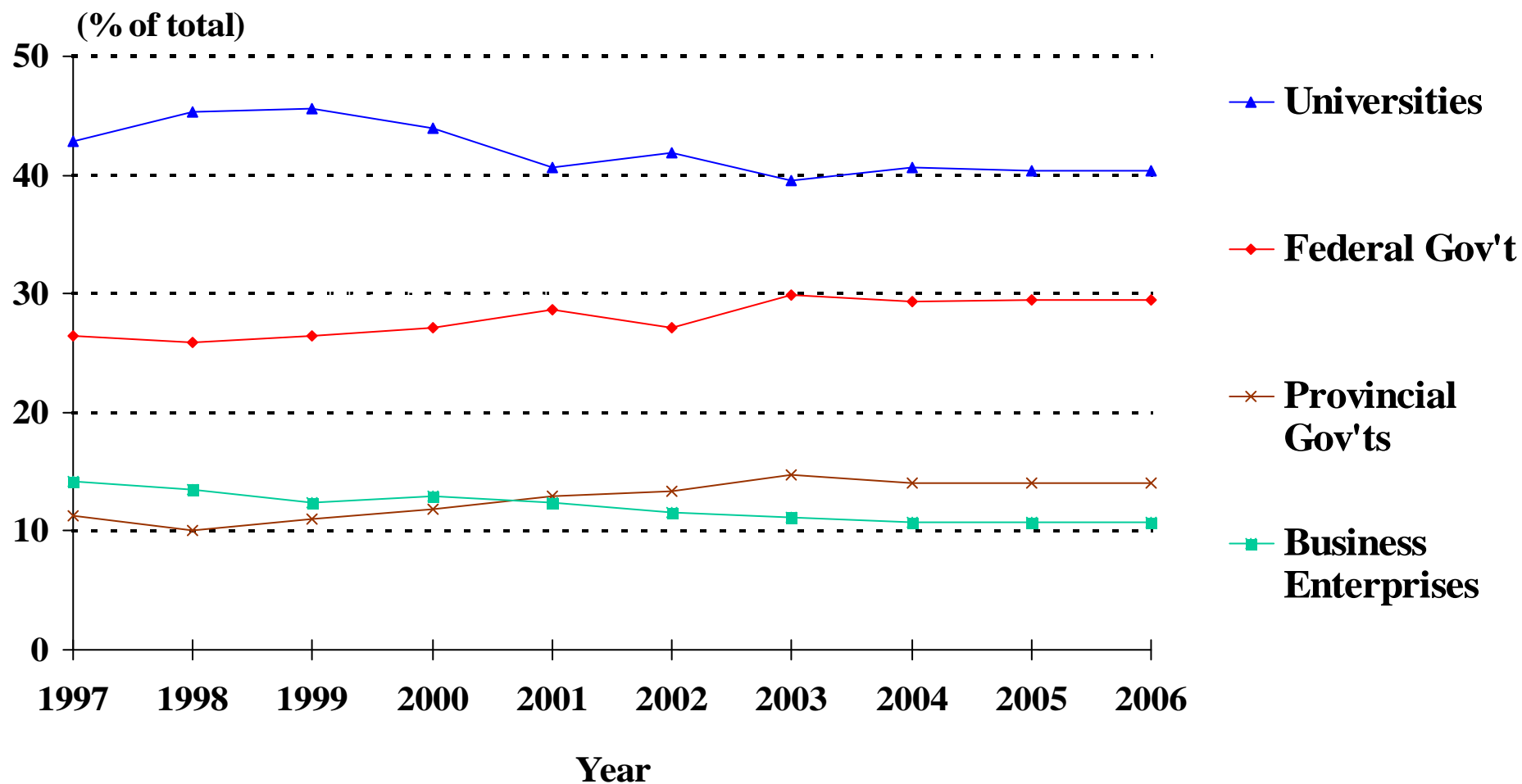
# Canadian University R&D (NSE) Funding 2006 (millions of dollars)



**Total: \$4,591**

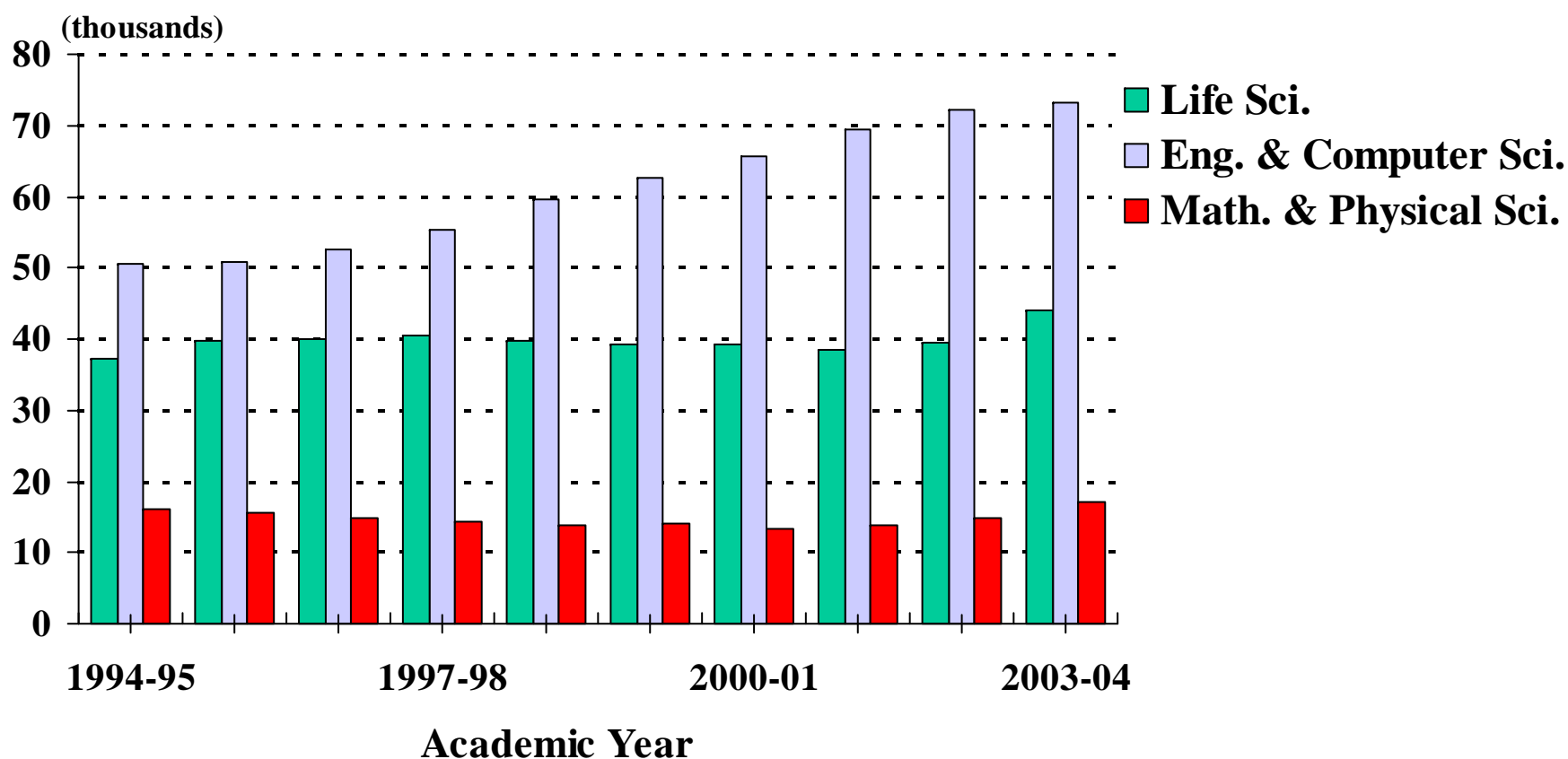
Source: Statistics Canada.

# Canadian University R&D (NSE) Funding



Source: Statistics Canada.

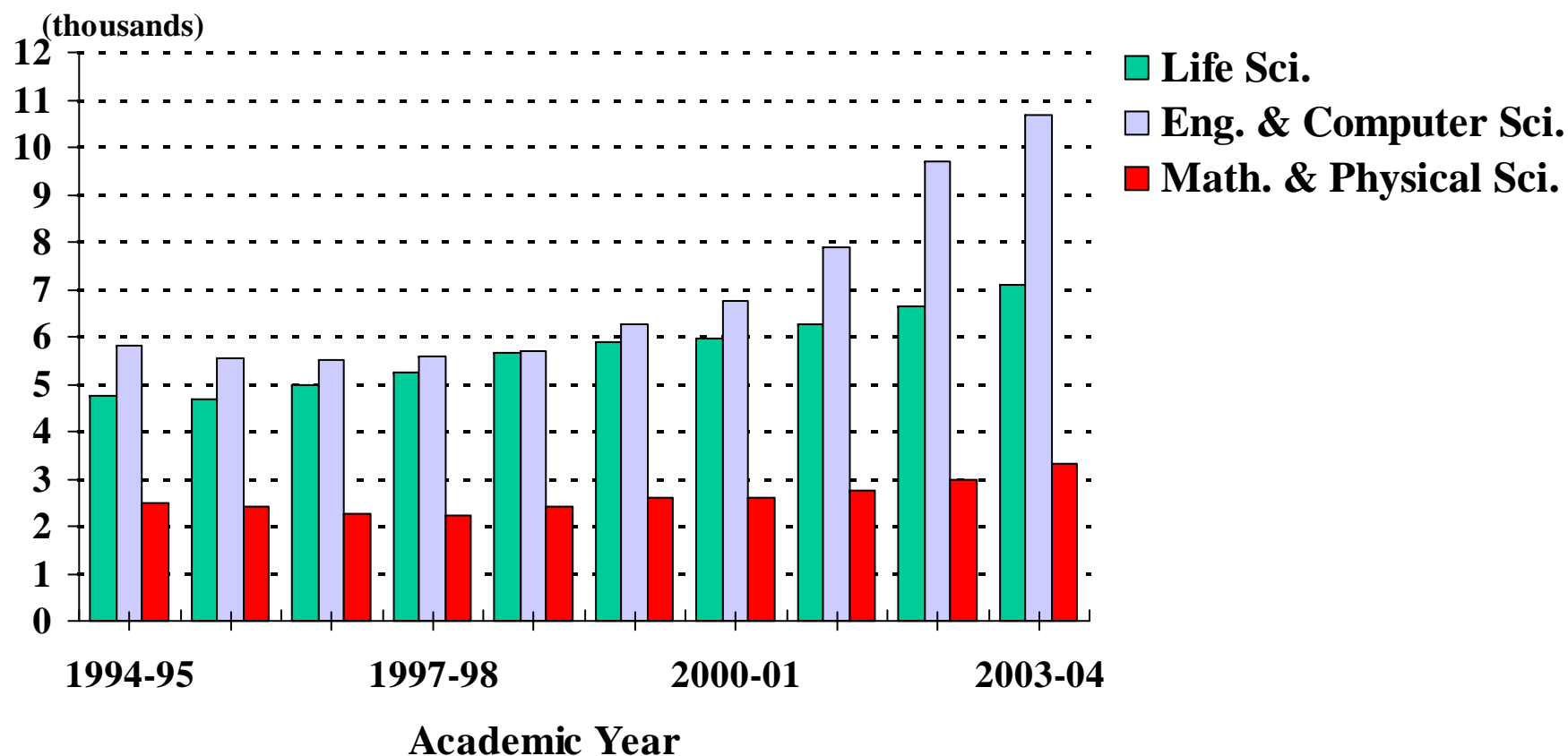
# Bachelor's & First Professional Degree Enrolment<sup>1</sup>



1. Full-Time.

Source: Statistics Canada.

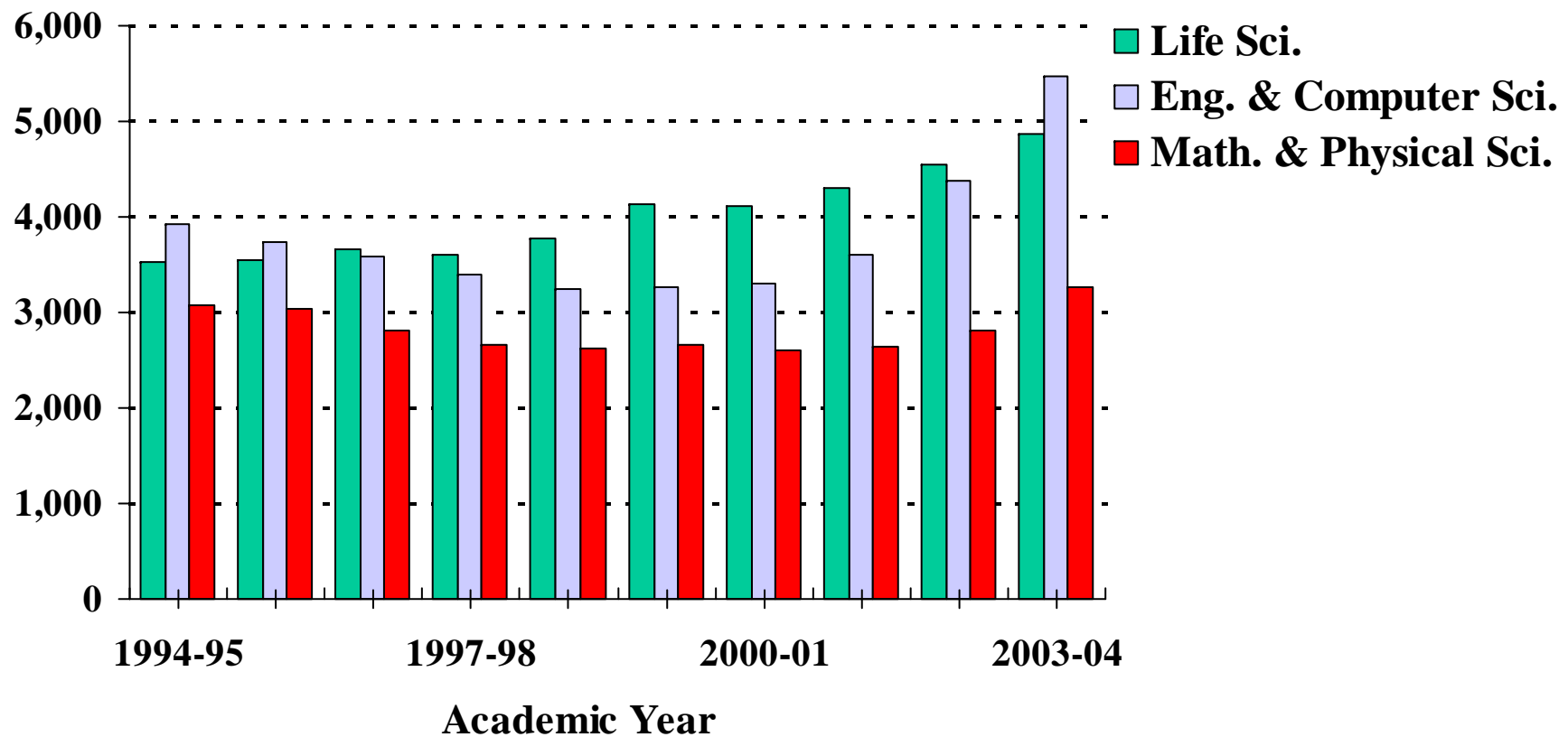
# Master's Enrolment<sup>1</sup>



1. Full-Time.

Source: Statistics Canada.

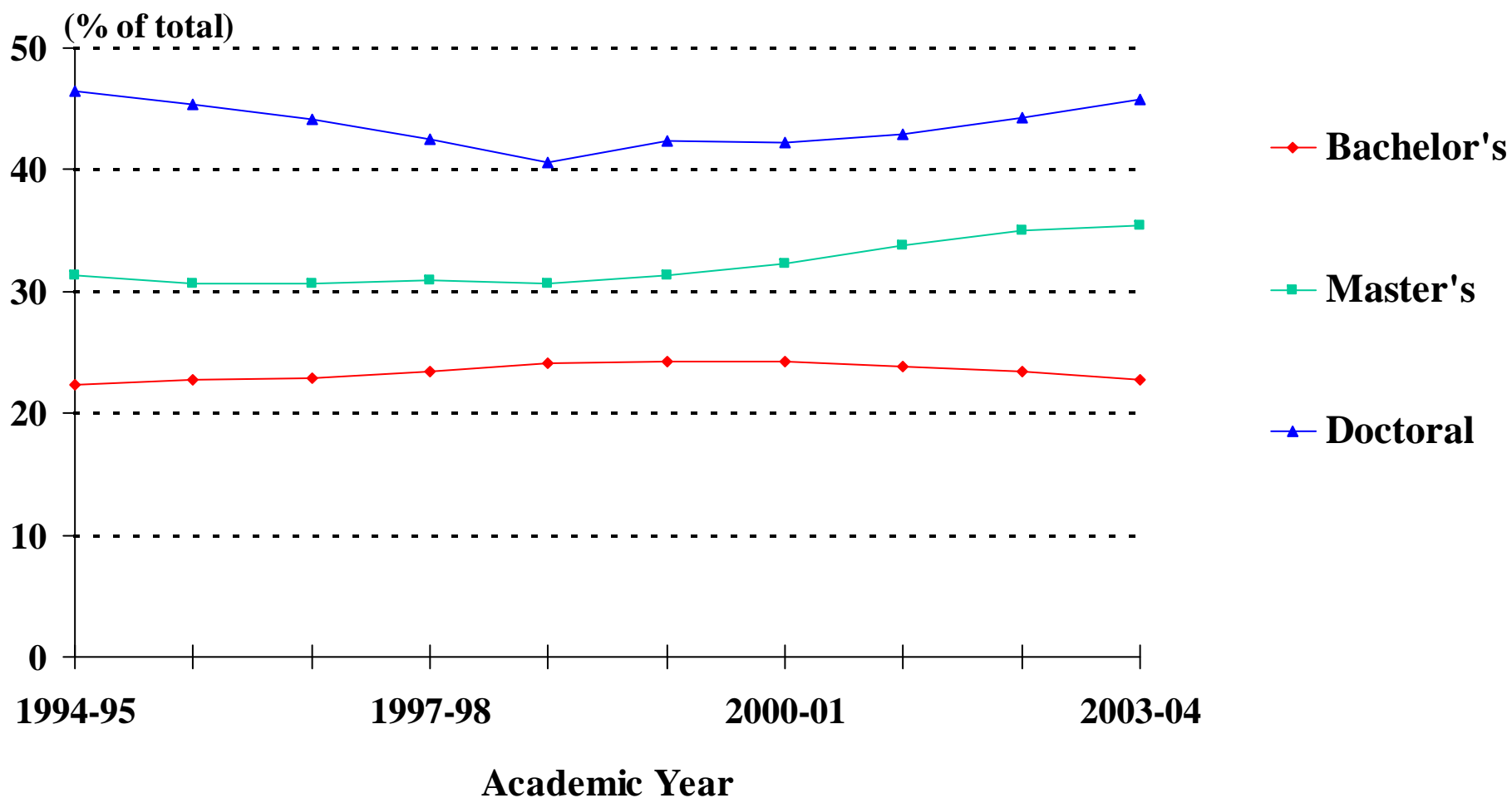
# Doctoral Enrolment<sup>1</sup>



1. Full-Time.

Source: Statistics Canada.

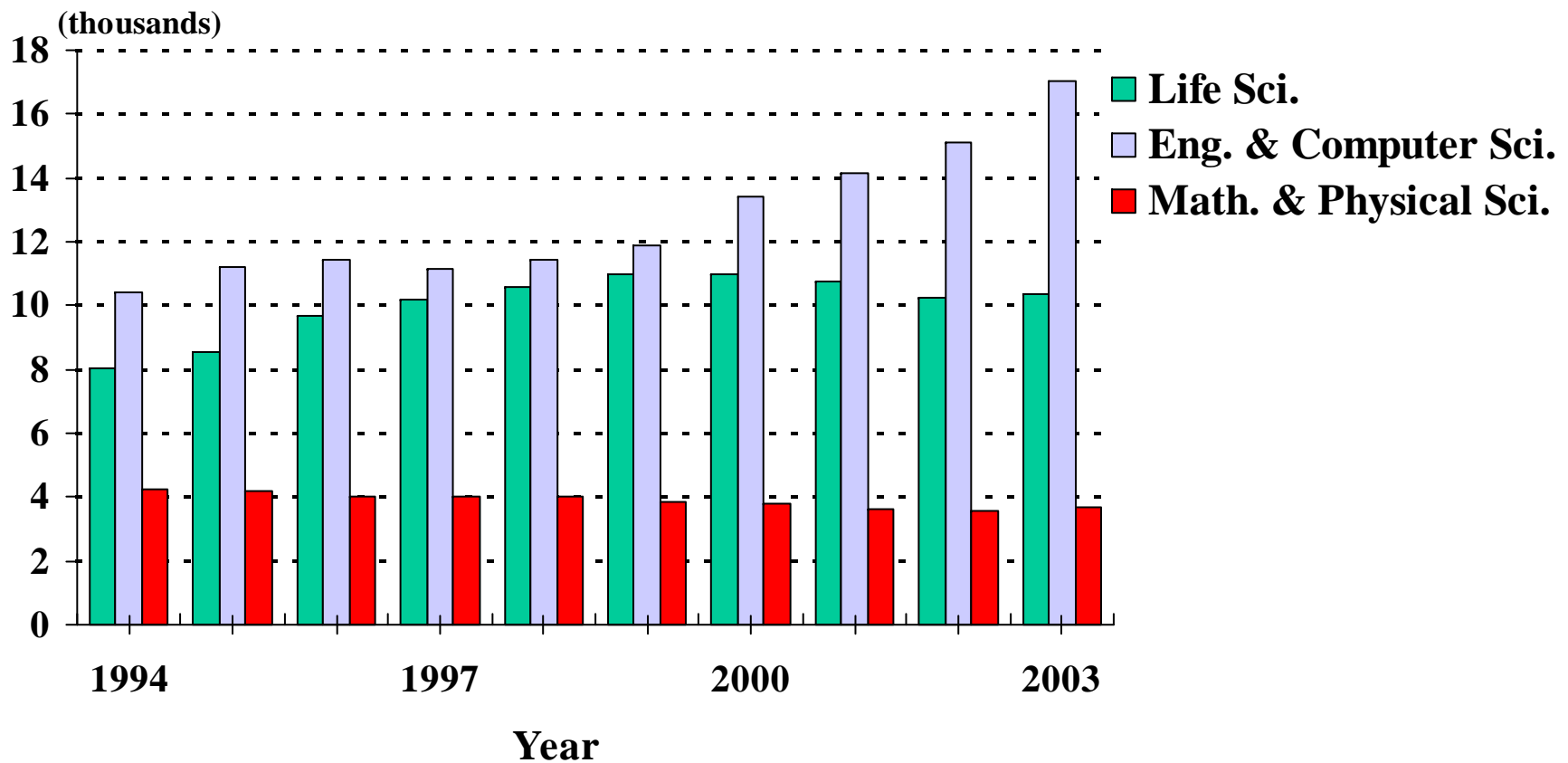
# Enrolment<sup>1</sup> in the Natural Sciences & Engineering as a % of Total Enrolment



1. Full-Time.

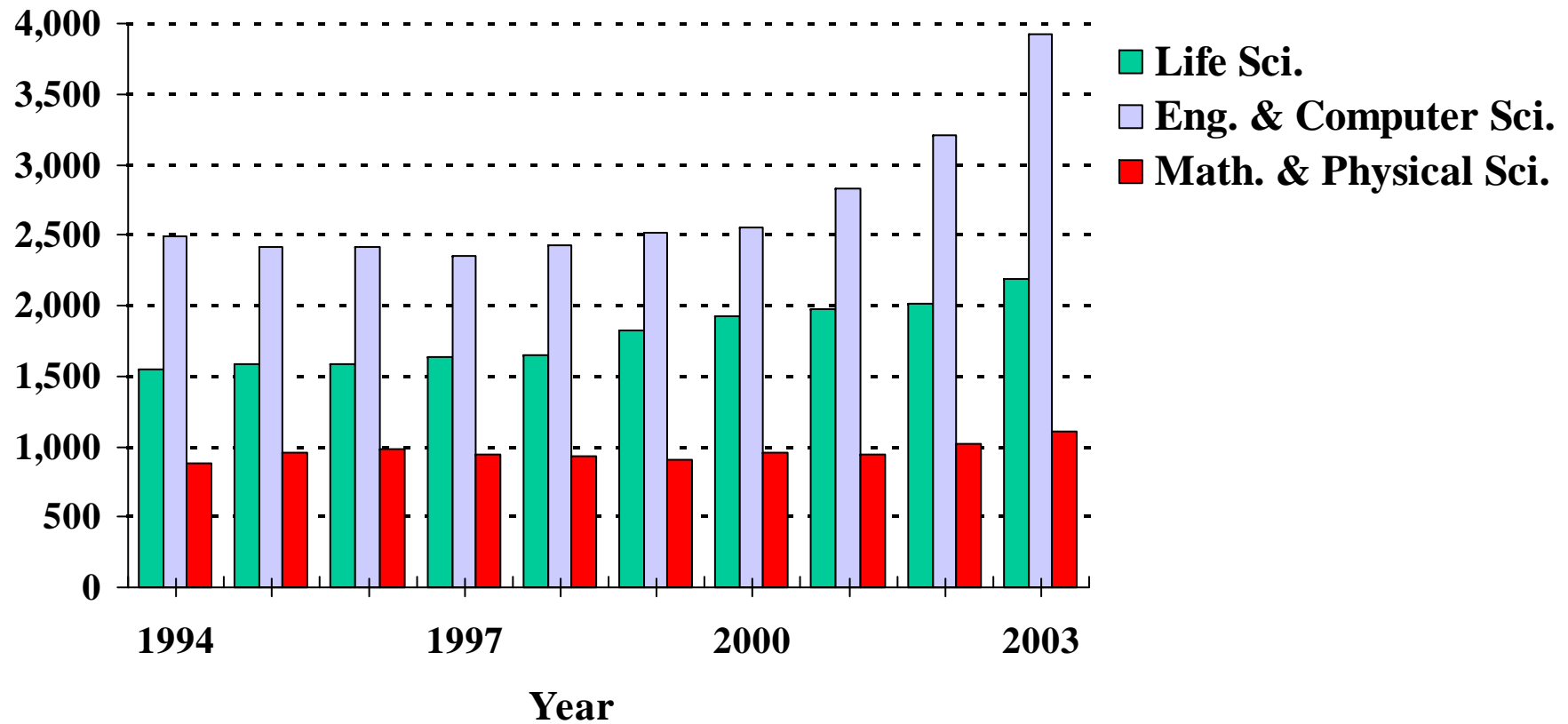
Source: Statistics Canada.

# Bachelor's & First Professional Degrees Granted



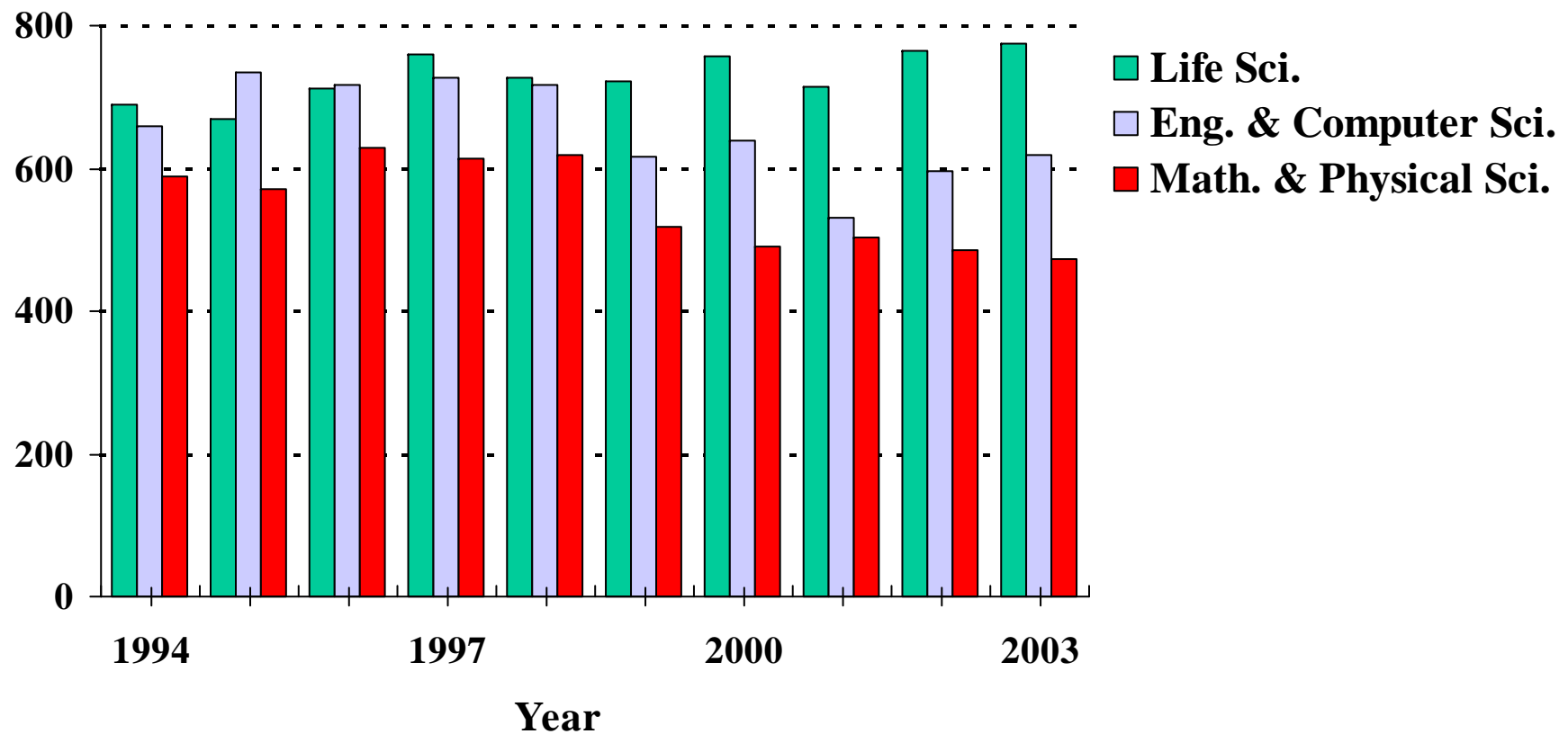
Source: Statistics Canada.

# Master's Degrees Granted



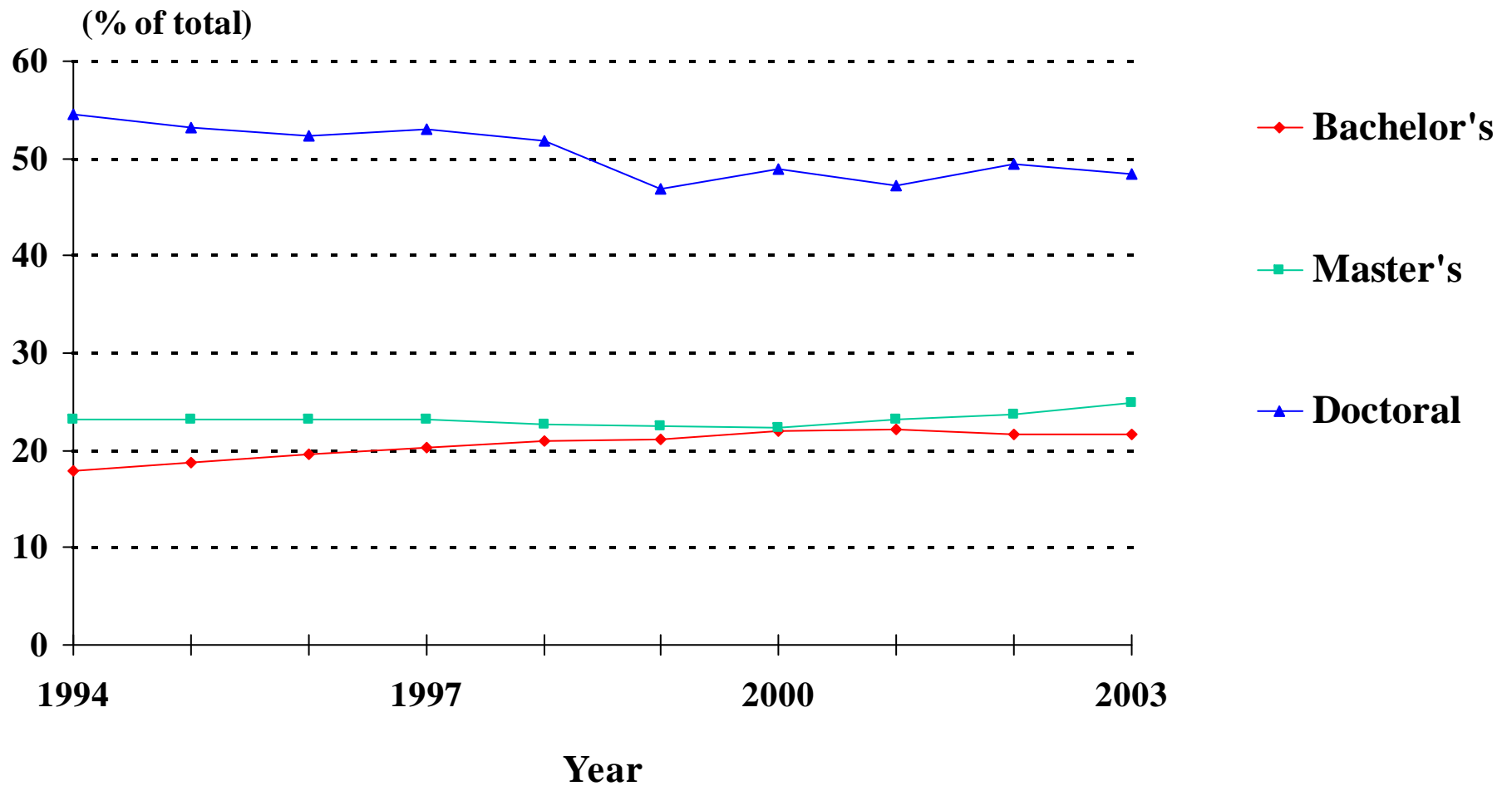
Source: Statistics Canada.

# Doctoral Degrees Granted



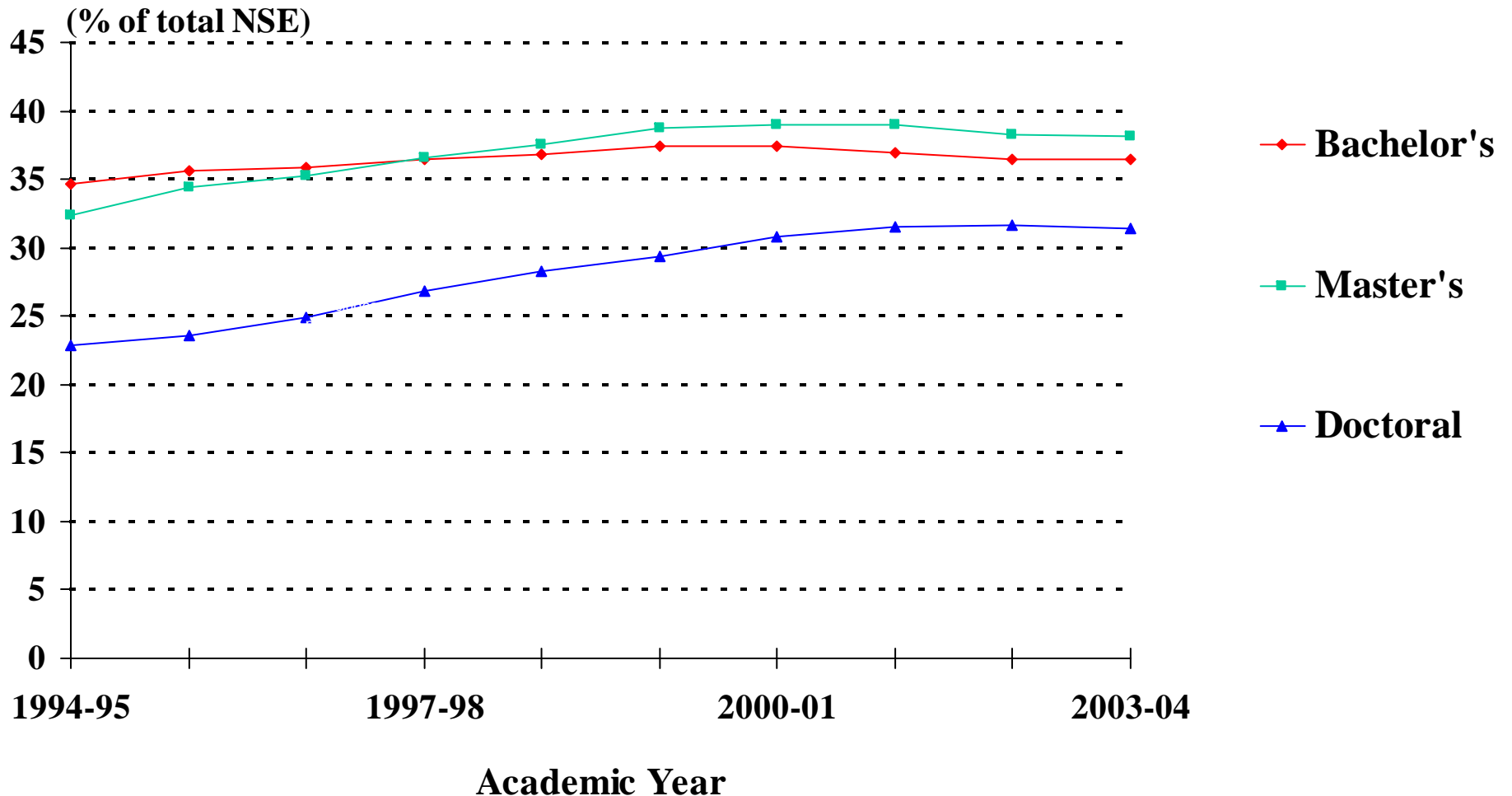
Source: Statistics Canada.

# Degrees Granted in the Natural Sciences & Engineering as a % of Total Granted



Source: Statistics Canada.

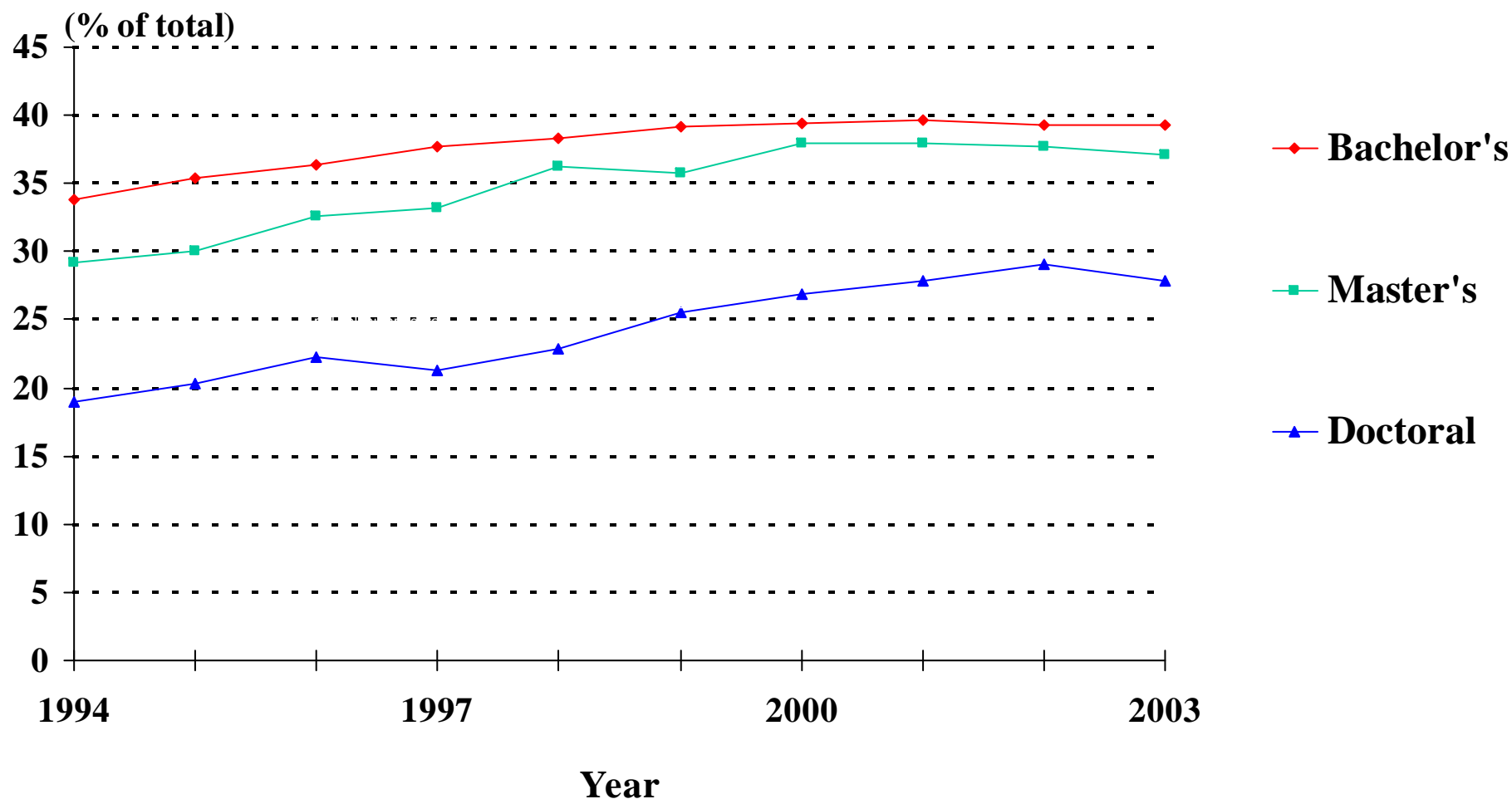
# Female Enrolment<sup>1</sup> in the Natural Sciences & Engineering as a % of Total NSE Enrolment



1. Full-Time.

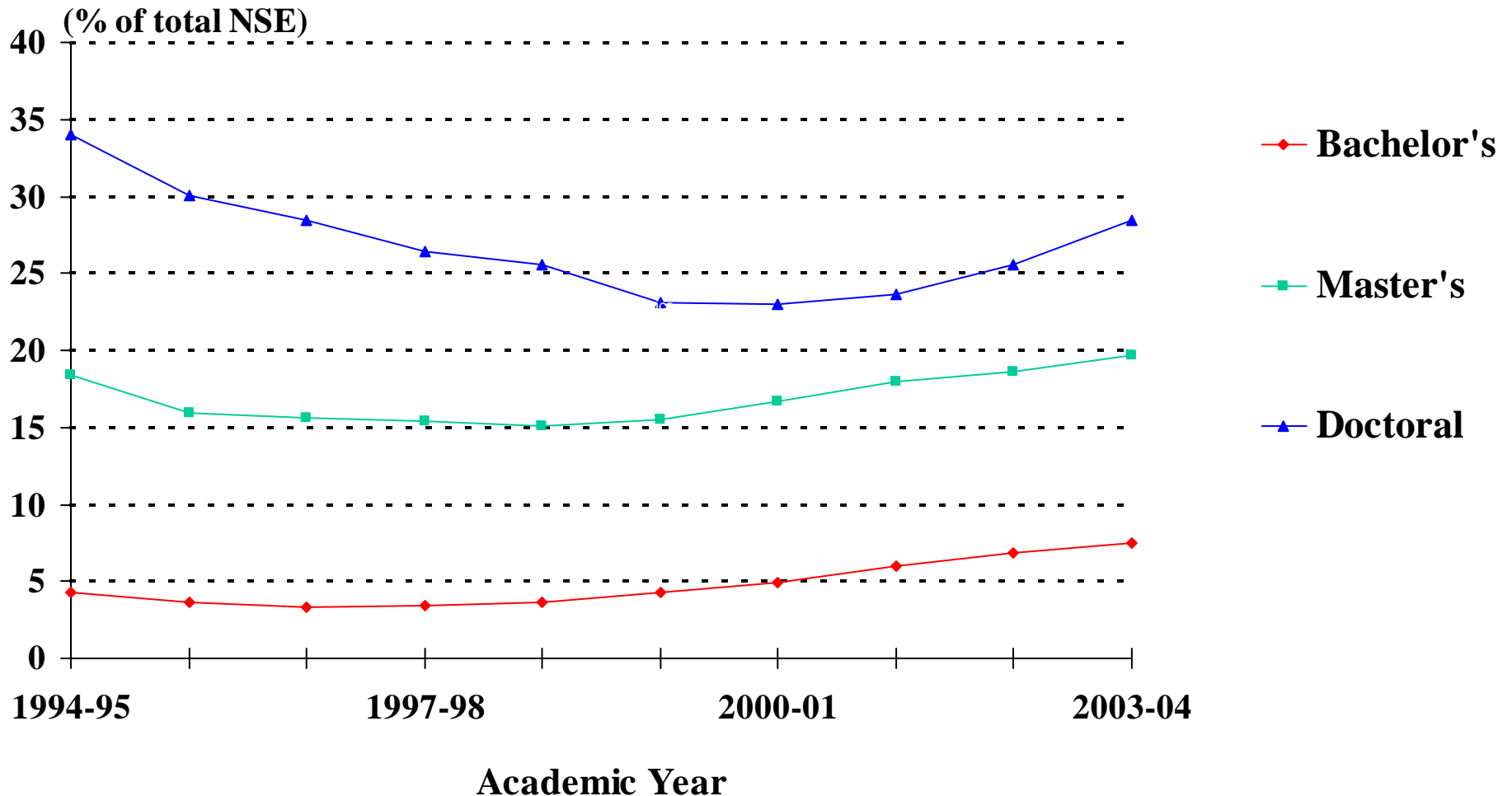
Source: Statistics Canada.

# Degrees Granted to Females in the Natural Sciences & Engineering as a % of Total Granted in the NSE



Source: Statistics Canada.

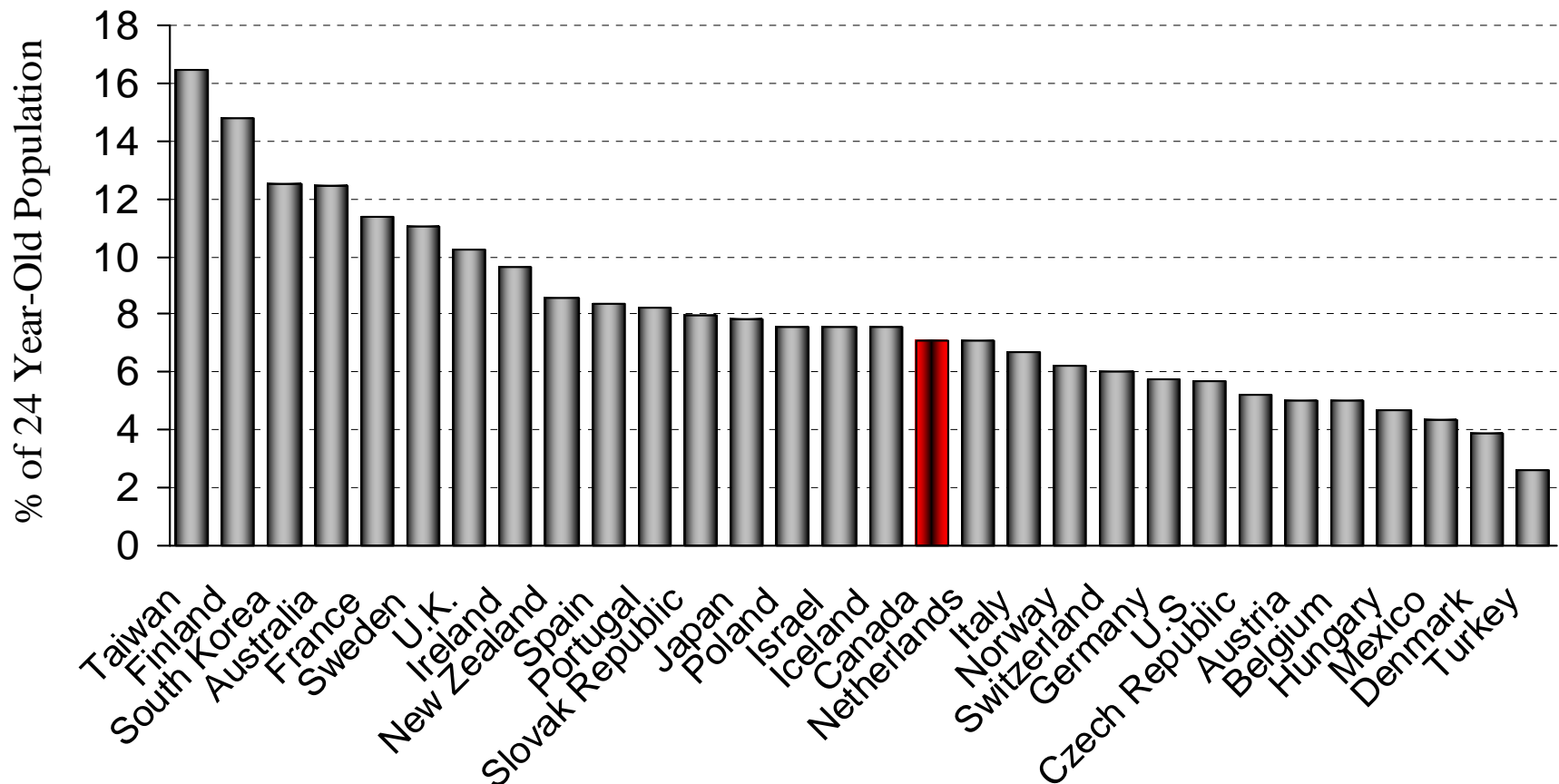
# International Student Enrolment<sup>1</sup> in the Natural Sciences & Engineering as a % of Total NSE Enrolment



1. Full-Time.

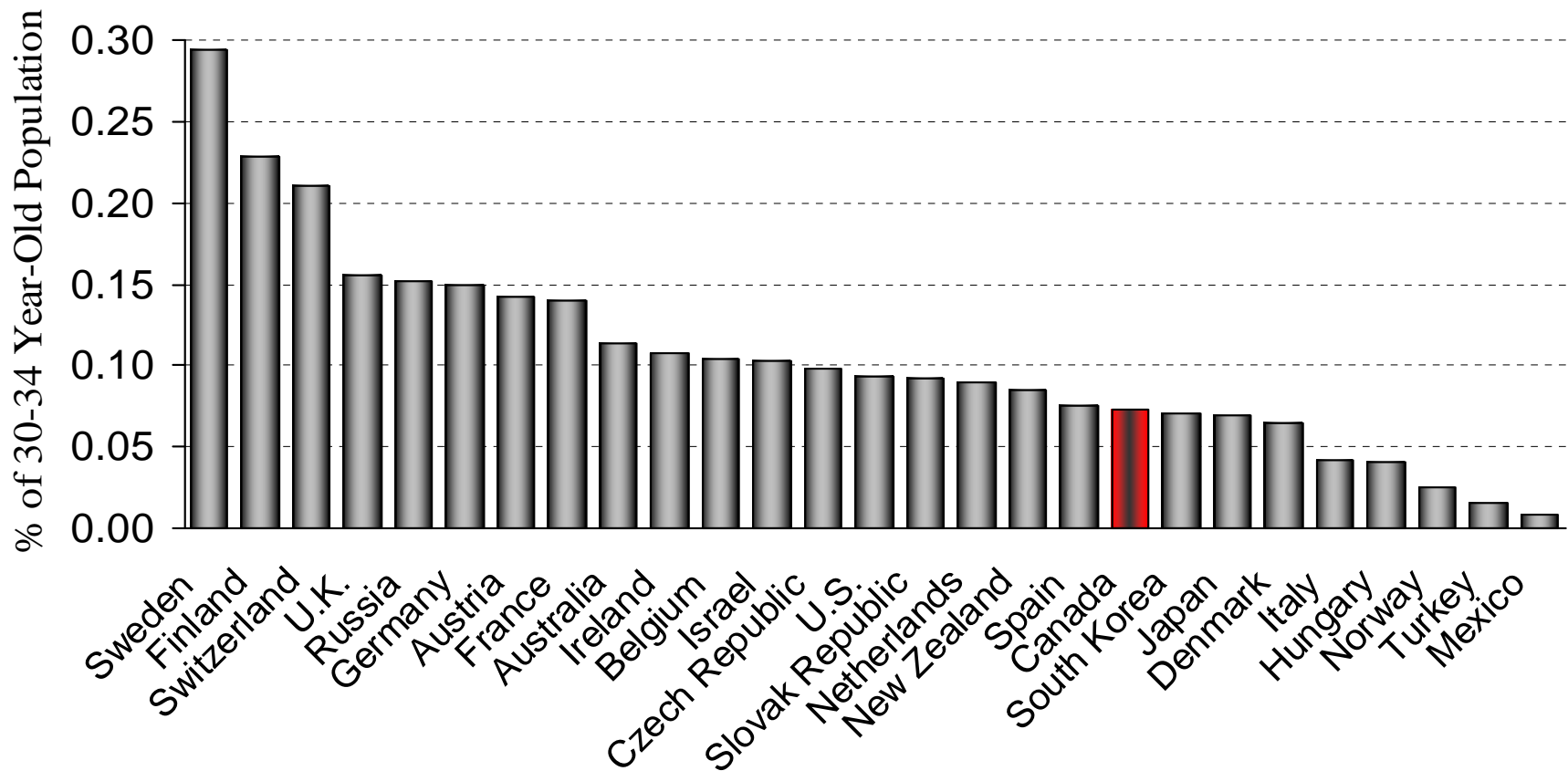
Source: Statistics Canada.

# Bachelor's Degrees Awarded in the NSE as a Percentage of 24 Year-Old Population, 2002 or Most Recent Year



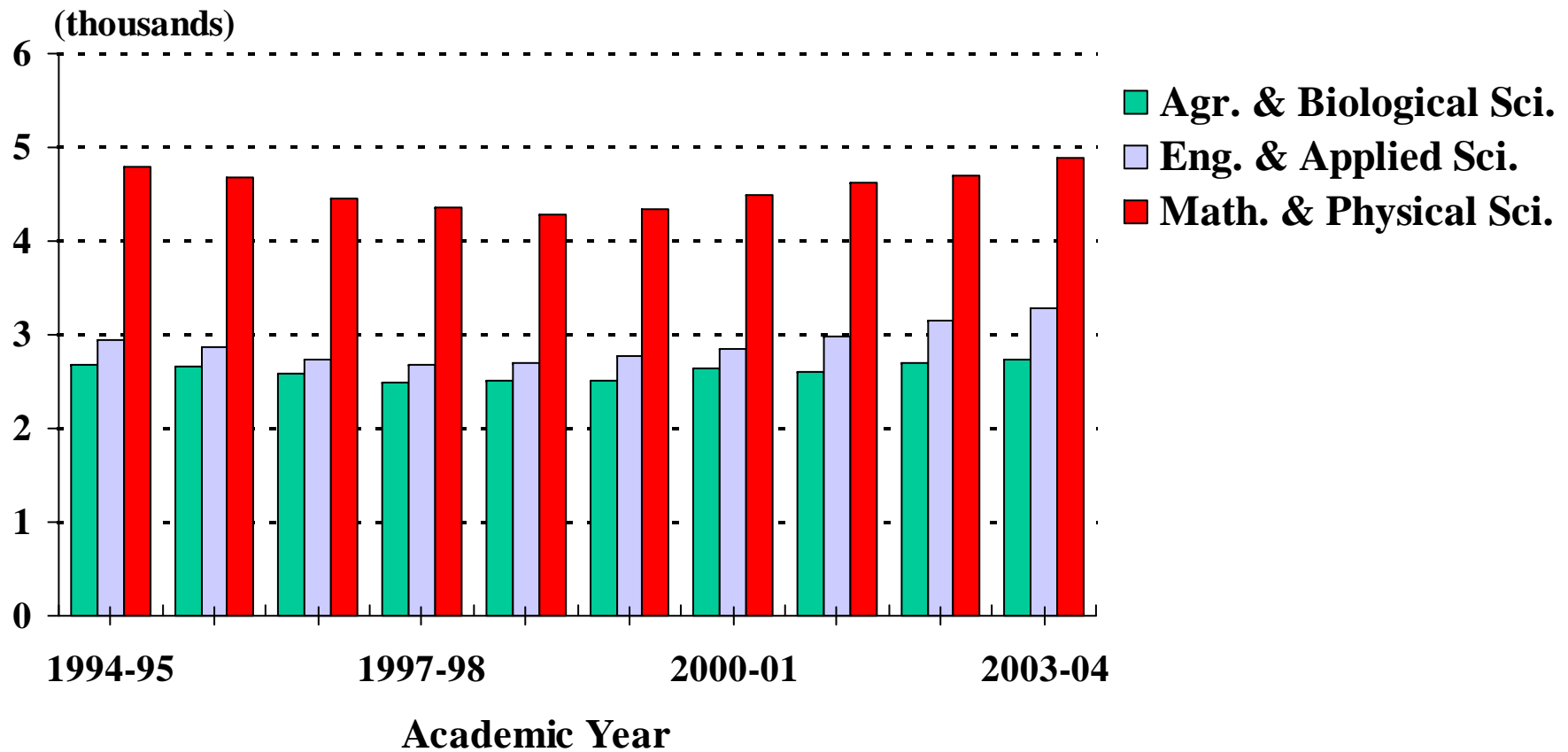
Source: National Science Foundation, OECD.

# Doctoral Degrees Awarded in the NSE as a Percentage of 30-34 Year-Old Population, 2002 or Most Recent Year



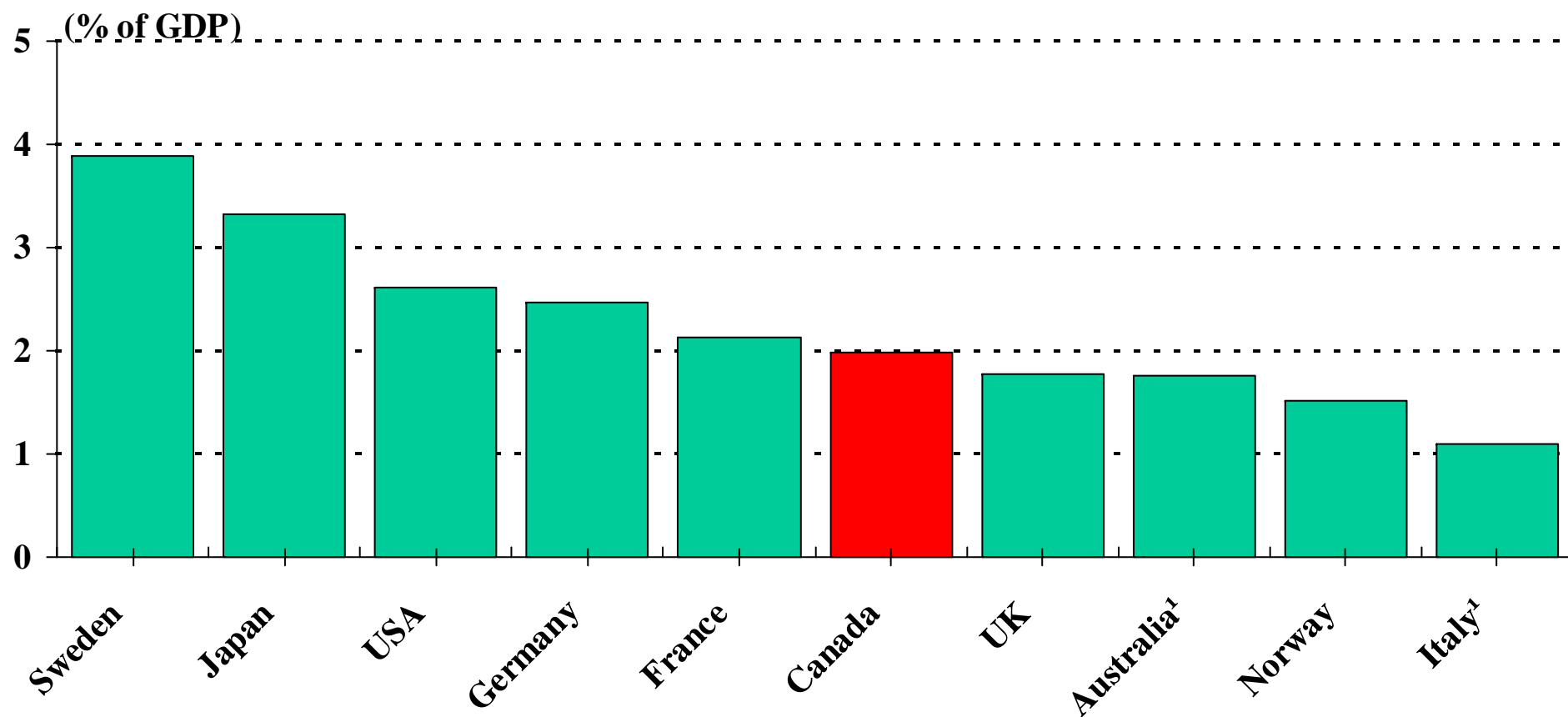
Source: National Science Foundation, OECD.

# Full-time Faculty



Source: Statistics Canada.

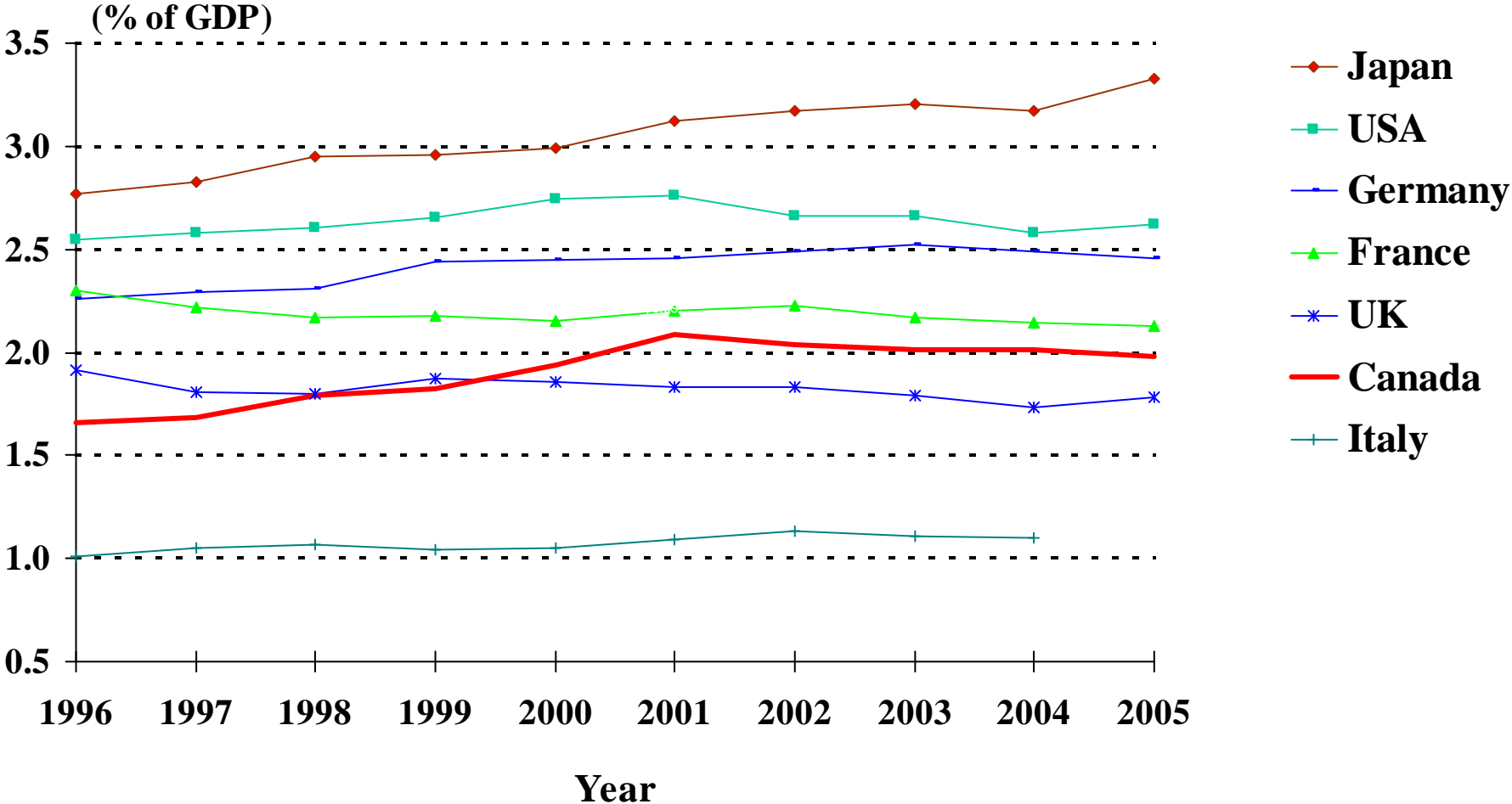
# GERD as a % of GDP for Selected OECD Countries 2005



Source: OECD-STIID Database.

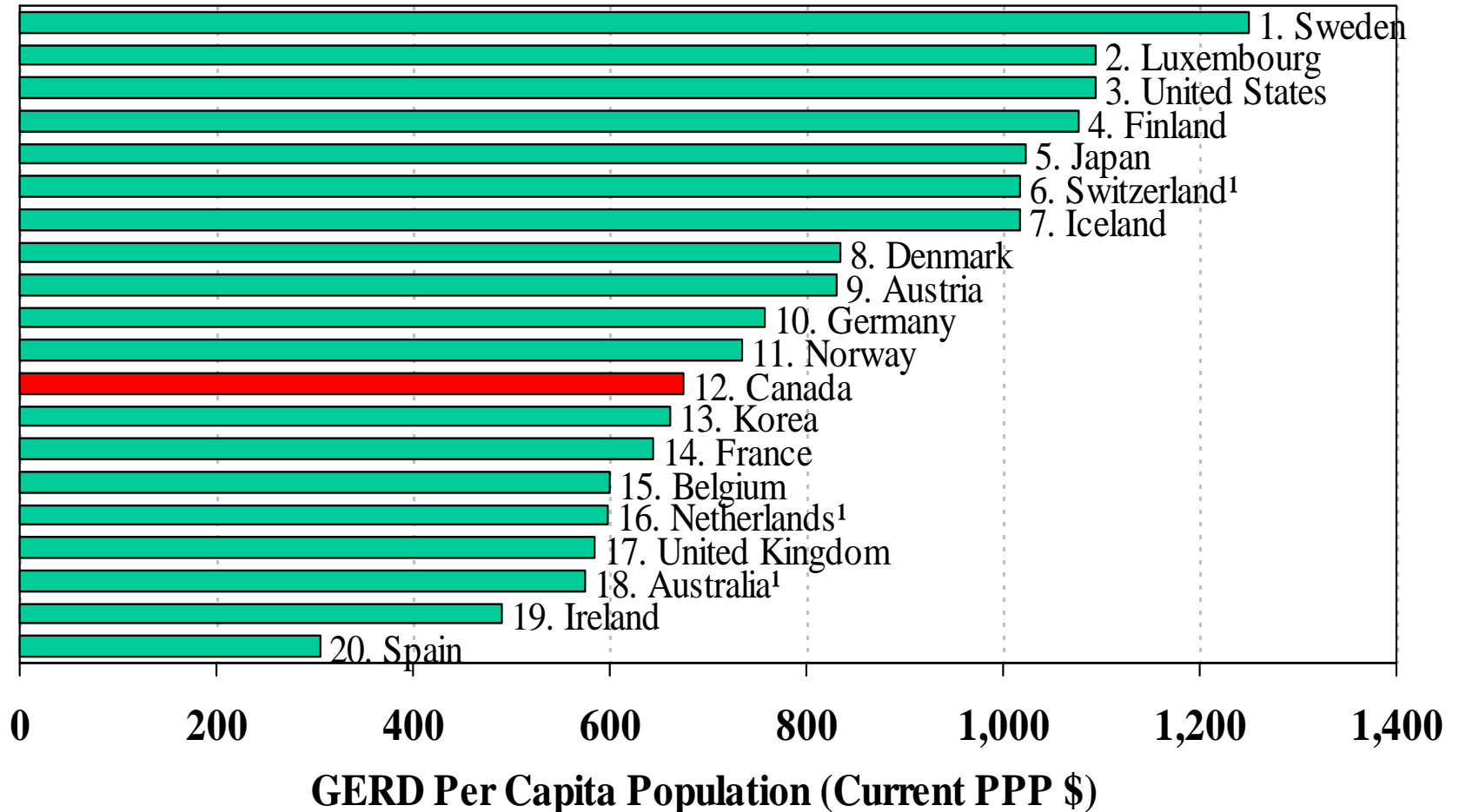
1. Data for 2004.

# GERD as a % of GDP for Selected OECD Countries



Source: OECD-STIID Database.

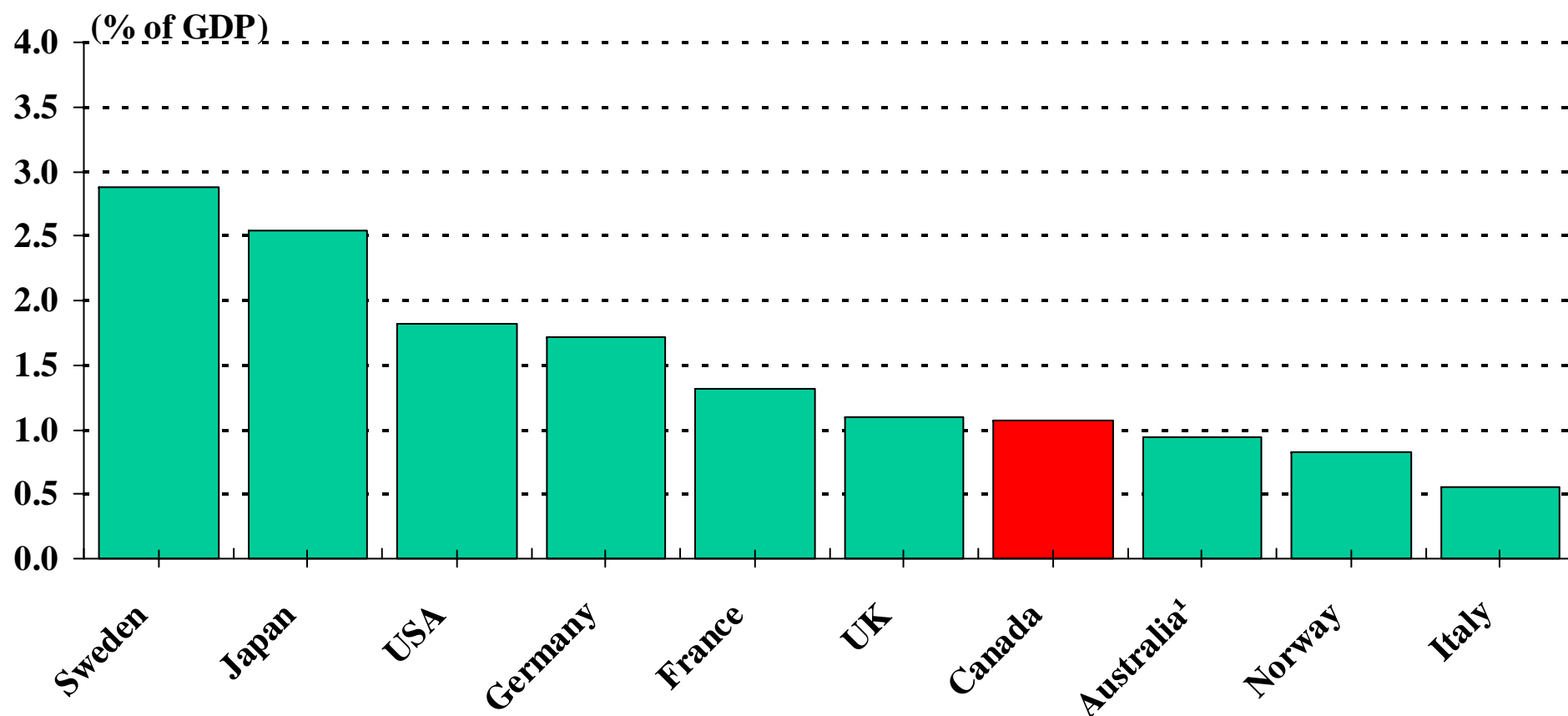
# GERD Per Capita Population for Top 20 OECD Countries 2005



Source: OECD-STIID Database.

1. Data for 2004.

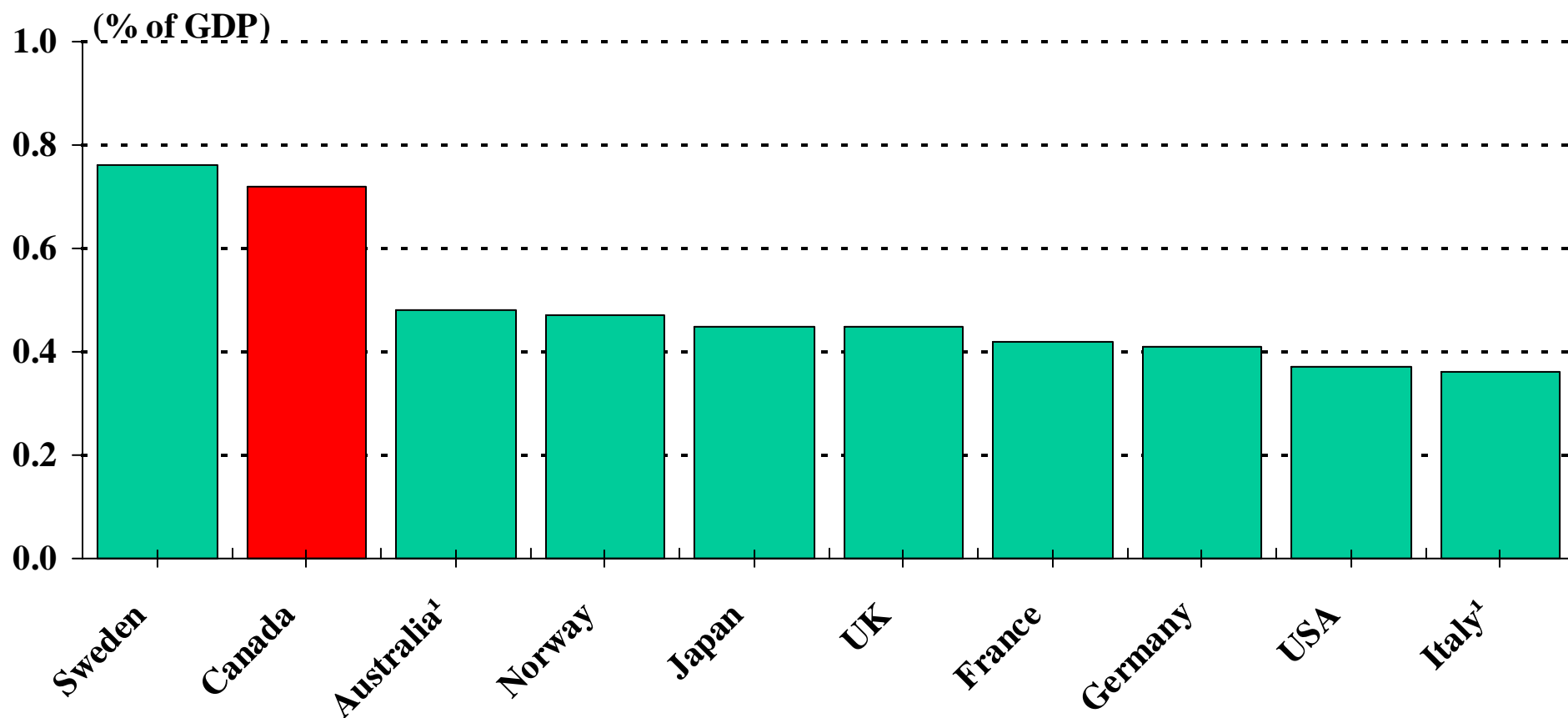
# Industrial R&D Expenditures as a % of GDP for Selected OECD Countries 2005



Source: OECD-STIID Database.

1. Data for 2004.

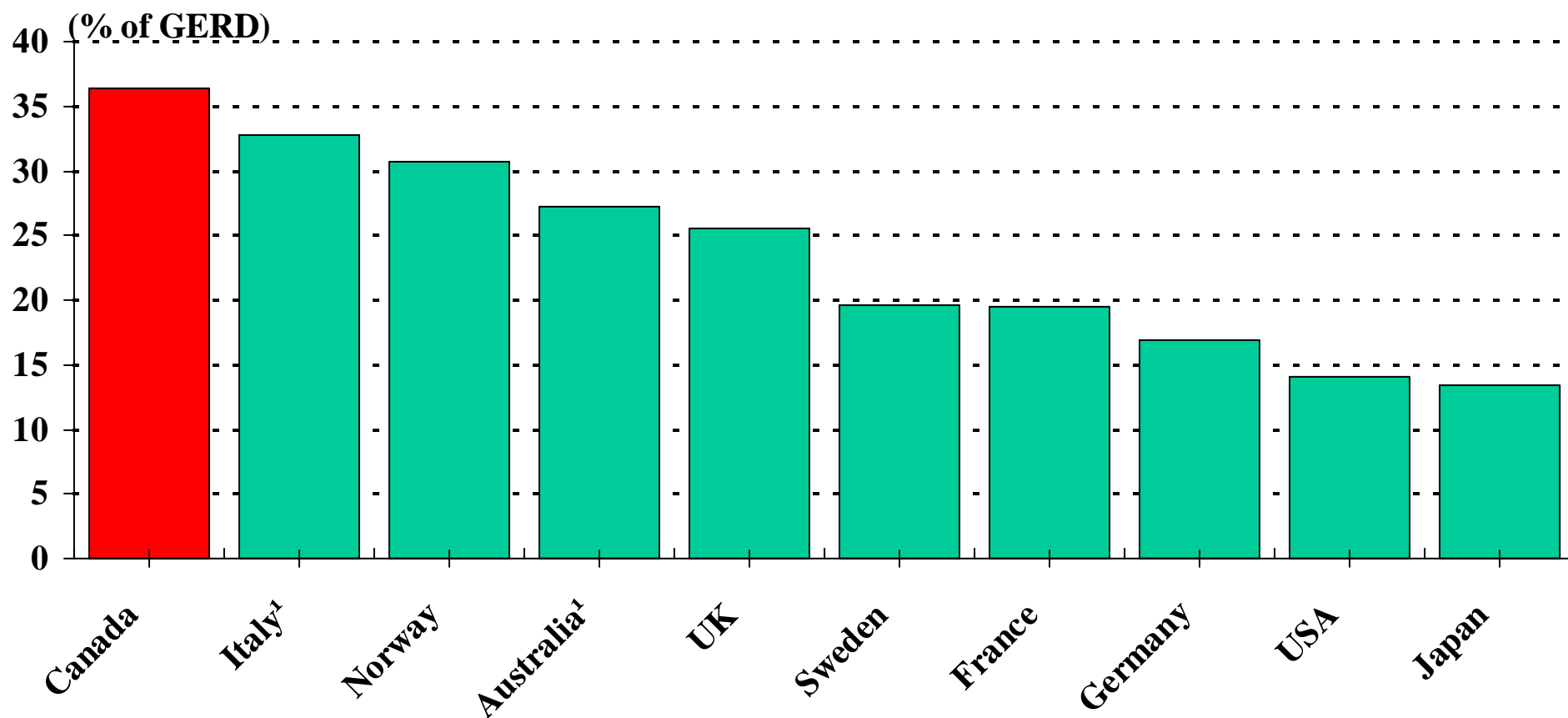
# Higher Education R&D Expenditures as a % of GDP for Selected OECD Countries 2005



Source: OECD-STIID Database.

1. Data for 2004.

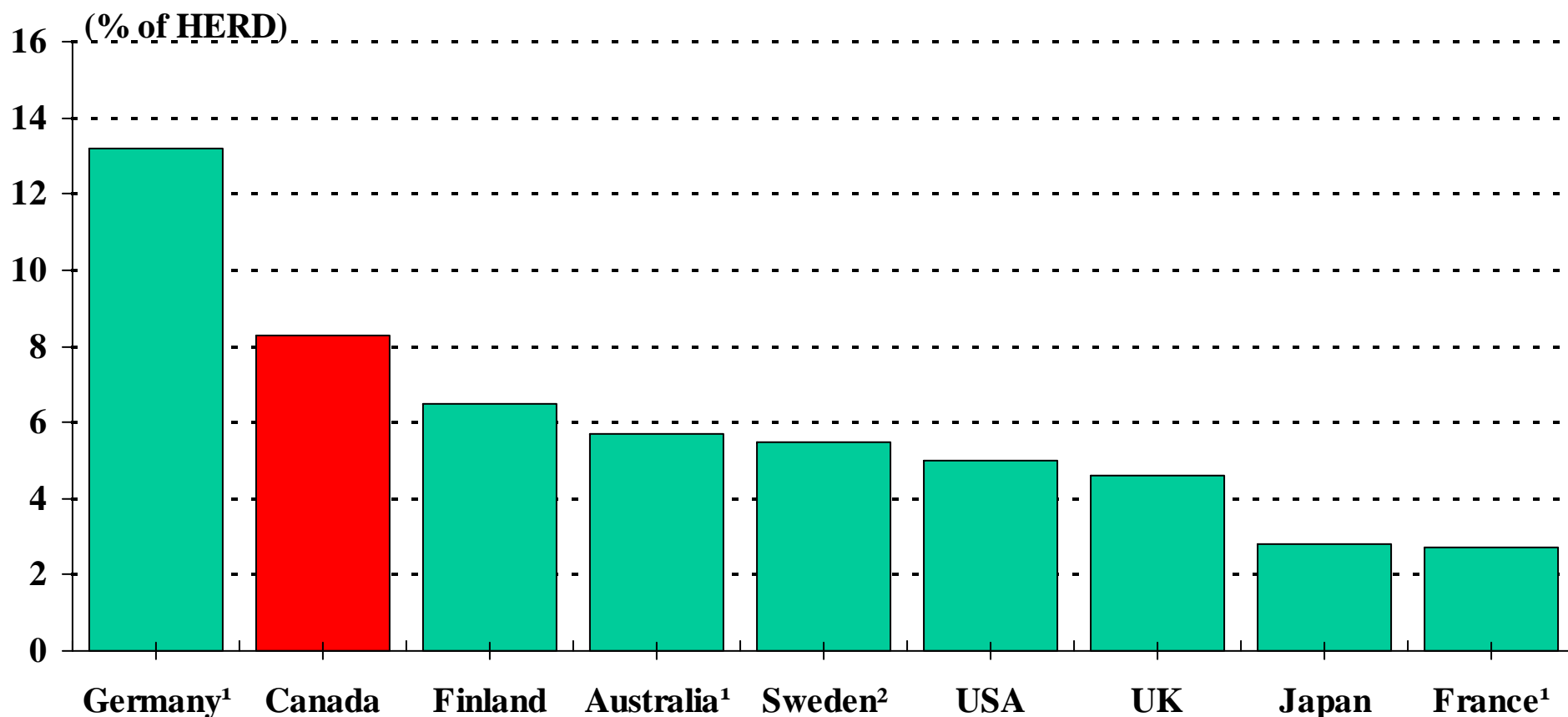
# Percentage of GERD Performed by Higher Education Sector for Selected OECD Countries 2005



Source: OECD-STIID Database.

1. Data for 2004.

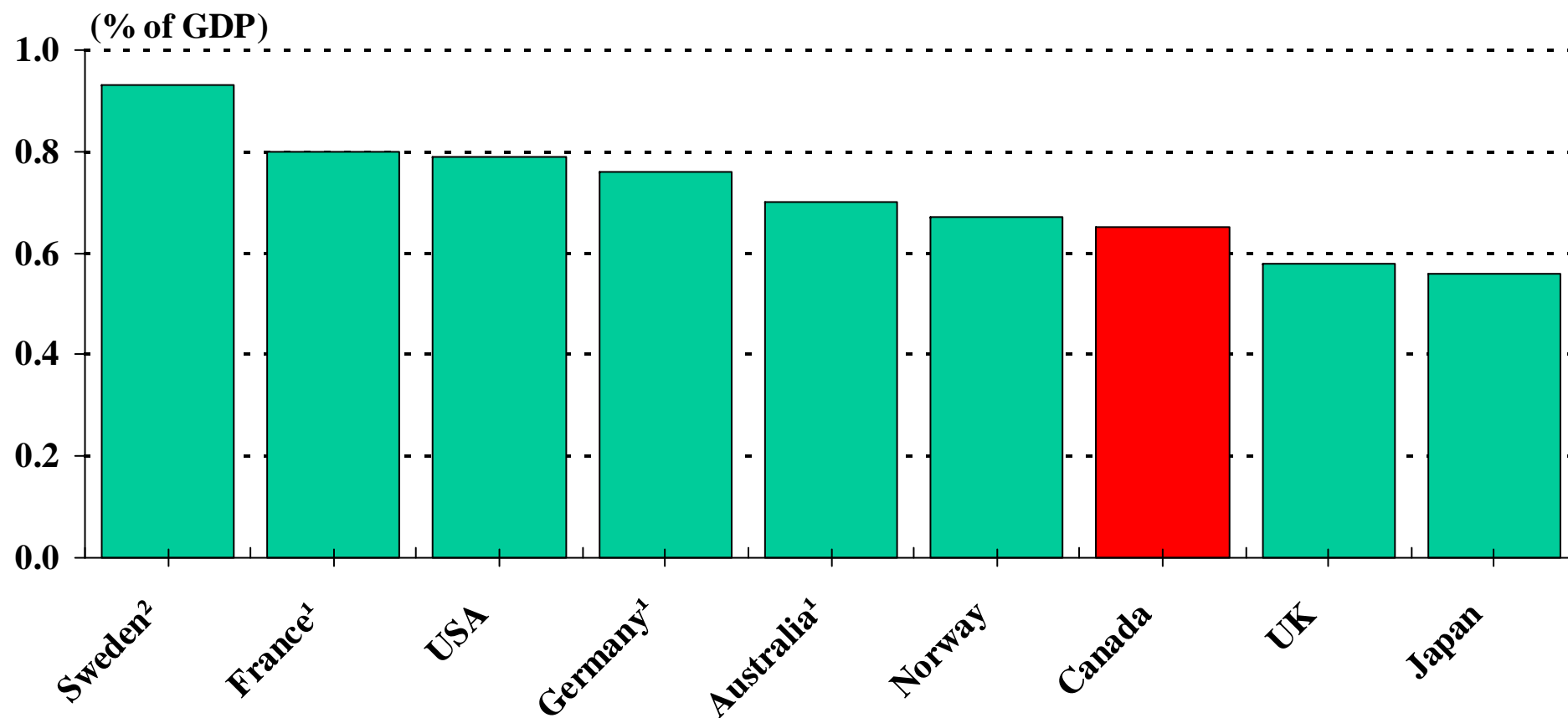
# Percentage of Higher Education R&D Financed by Industry for Selected OECD Countries 2005



Source: OECD-STIID Database.

1. Data for 2004.
2. Data for 2003.

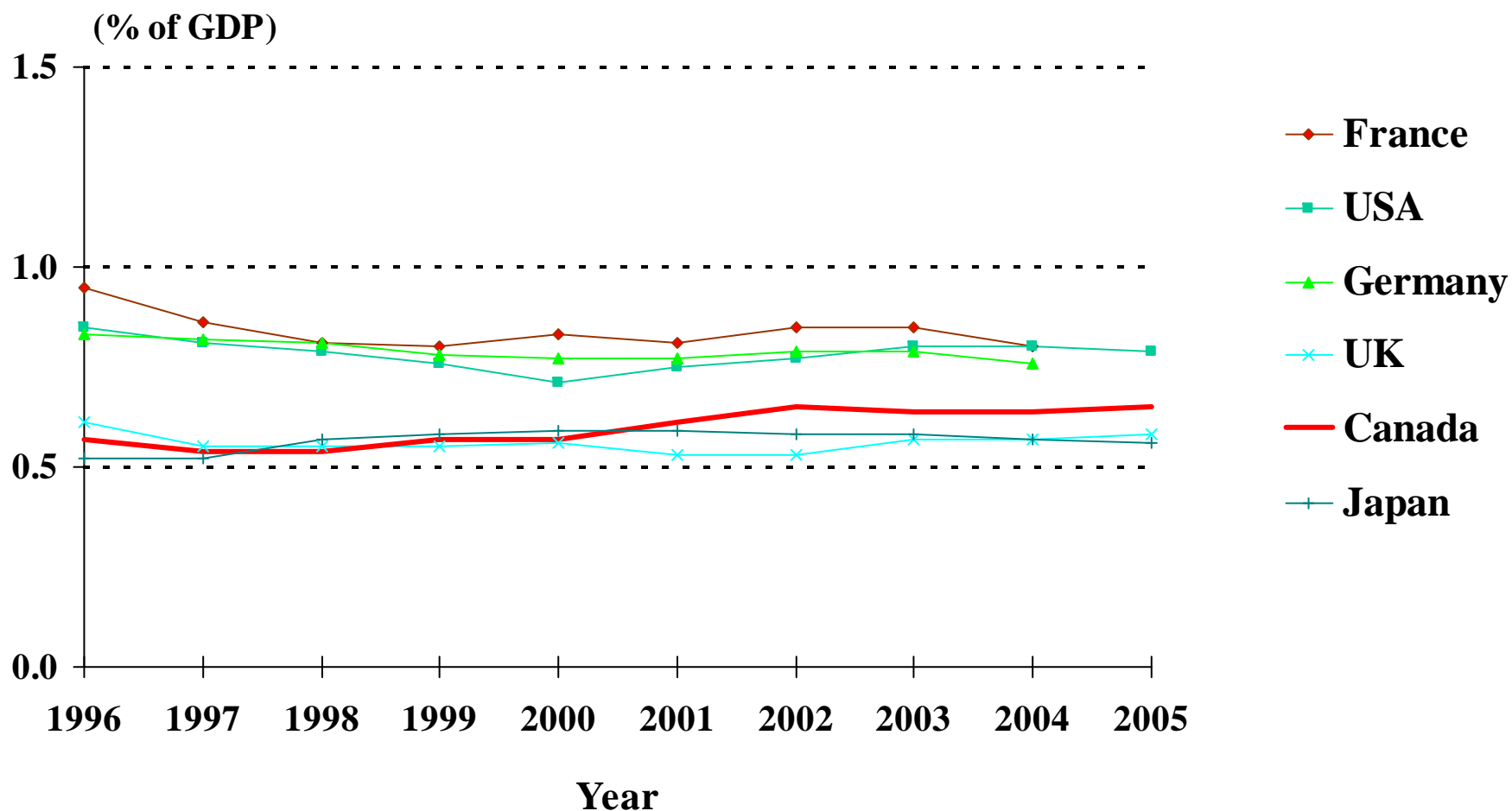
# Government R&D Funding as a % of GDP for Selected OECD Countries 2005



Source: OECD-STIID Database.

1. Data for 2004.
2. Data for 2003.

# Government R&D Funding as a % of GDP for Selected OECD Countries



Source: OECD-STIID Database.

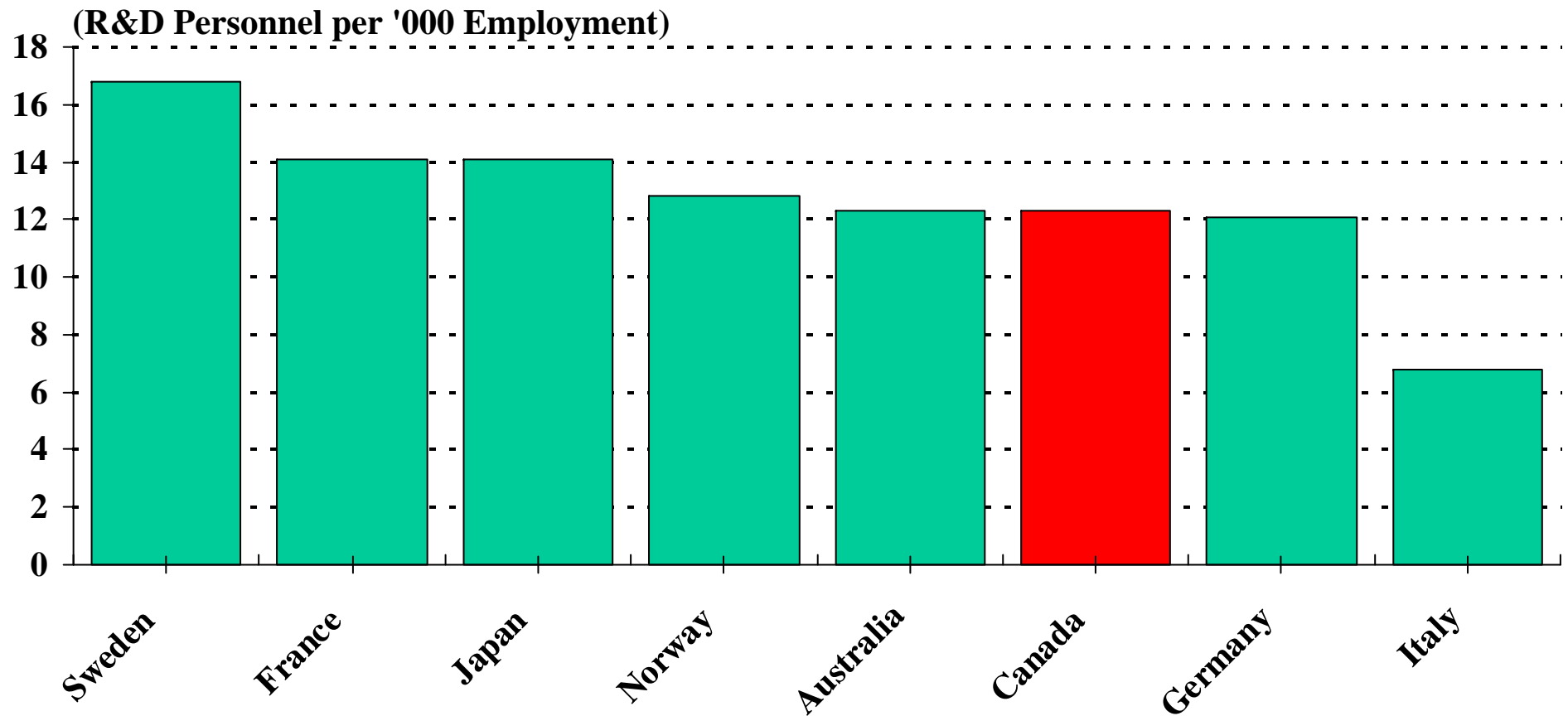
# Researchers Per Thousand Total Employment for Selected OECD Countries 2004



Source: OECD-STIID Database.

1. Data for 1995.

# R&D Personnel Per Thousand Total Employment for Selected OECD Countries 2004



Source: OECD-STIID Database. R&D personnel includes researchers, technicians and support staff.