



Moving Forward

CIHR Performance Across the Spectrum: From Research Investments to Knowledge Translation

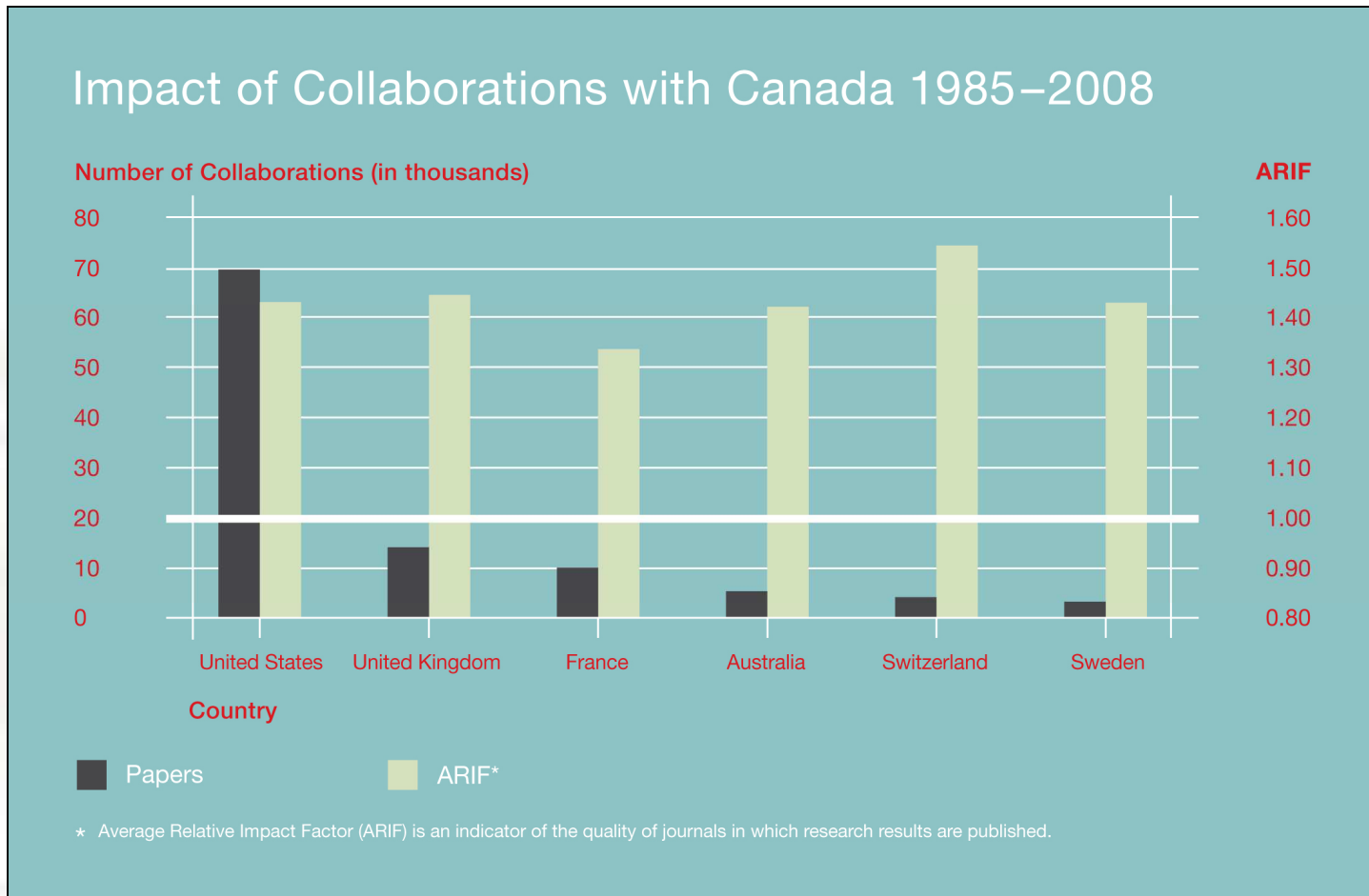


Canadian Institutes
of Health Research

Instituts de recherche
en santé du Canada

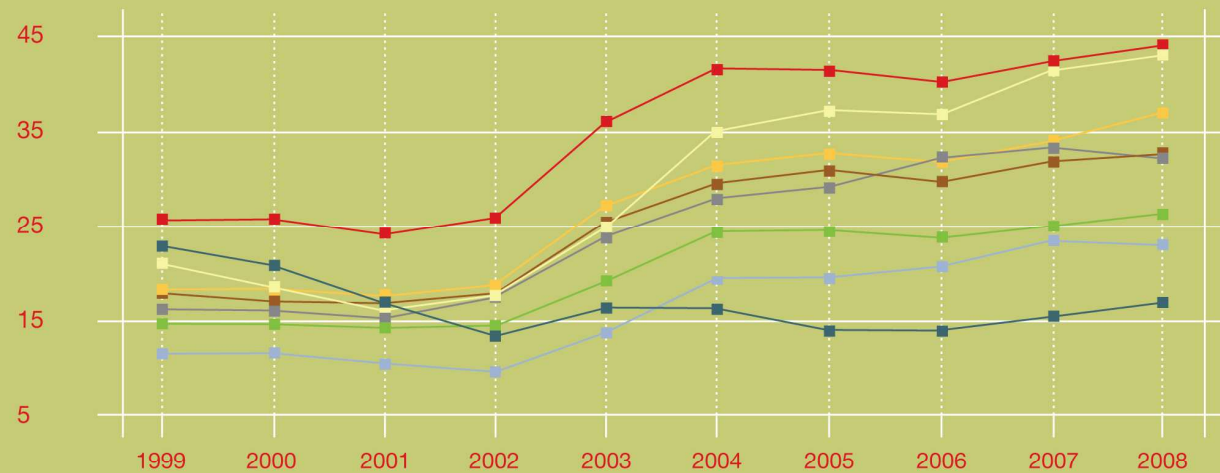
Canada

KNOWLEDGE CREATION



Foreign Collaborations: Percentage of Papers from Each Country with Co-authors from Another Country

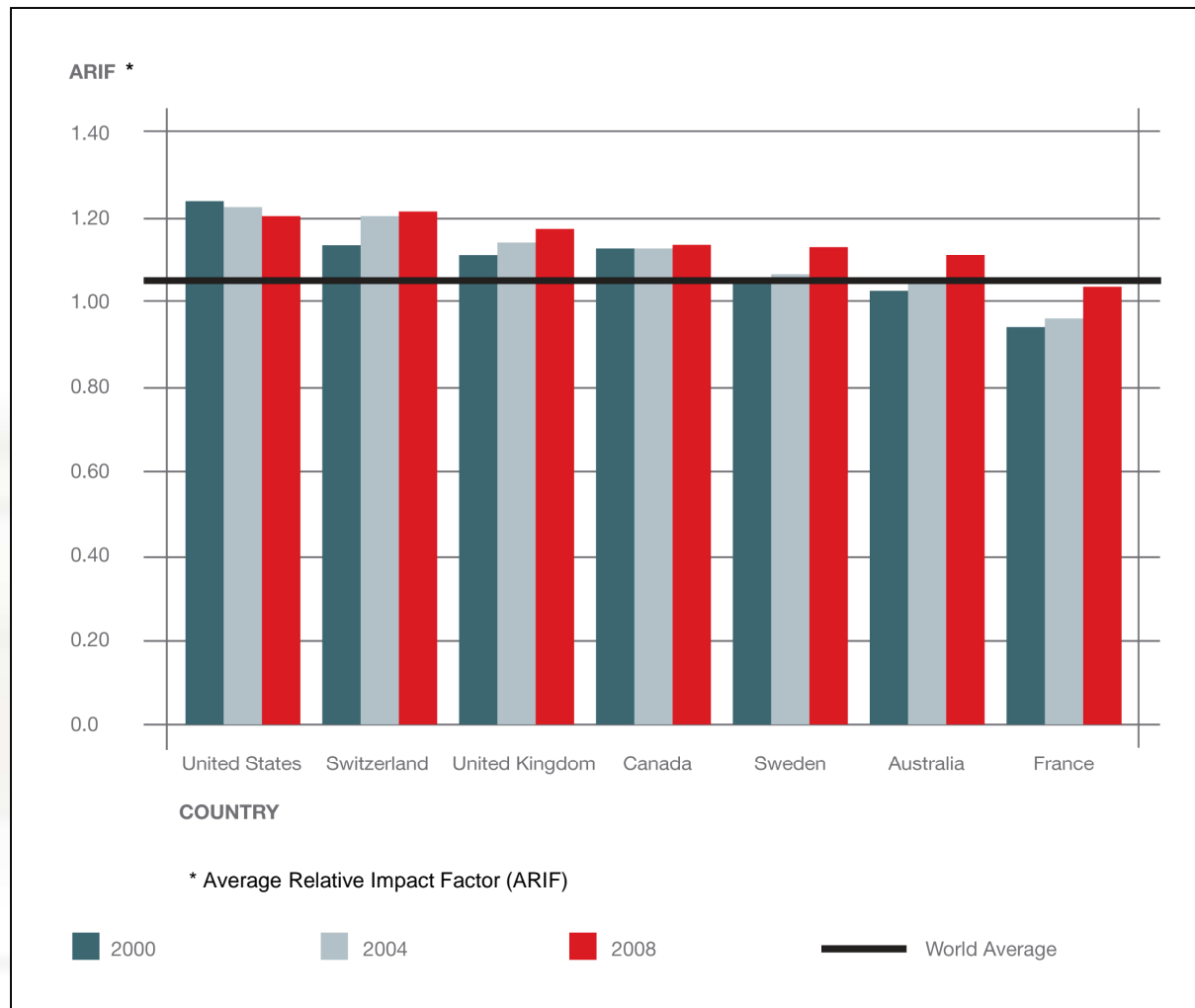
Percentage



Year



Canada – Among the World’s Best



RESEARCH INVESTMENT

SPENDING BY THEME

475

Biomedical: \$475 million (up from \$161 million in 2000–01)

129

Clinical: \$129 million (up from \$27 million in 2000–01)

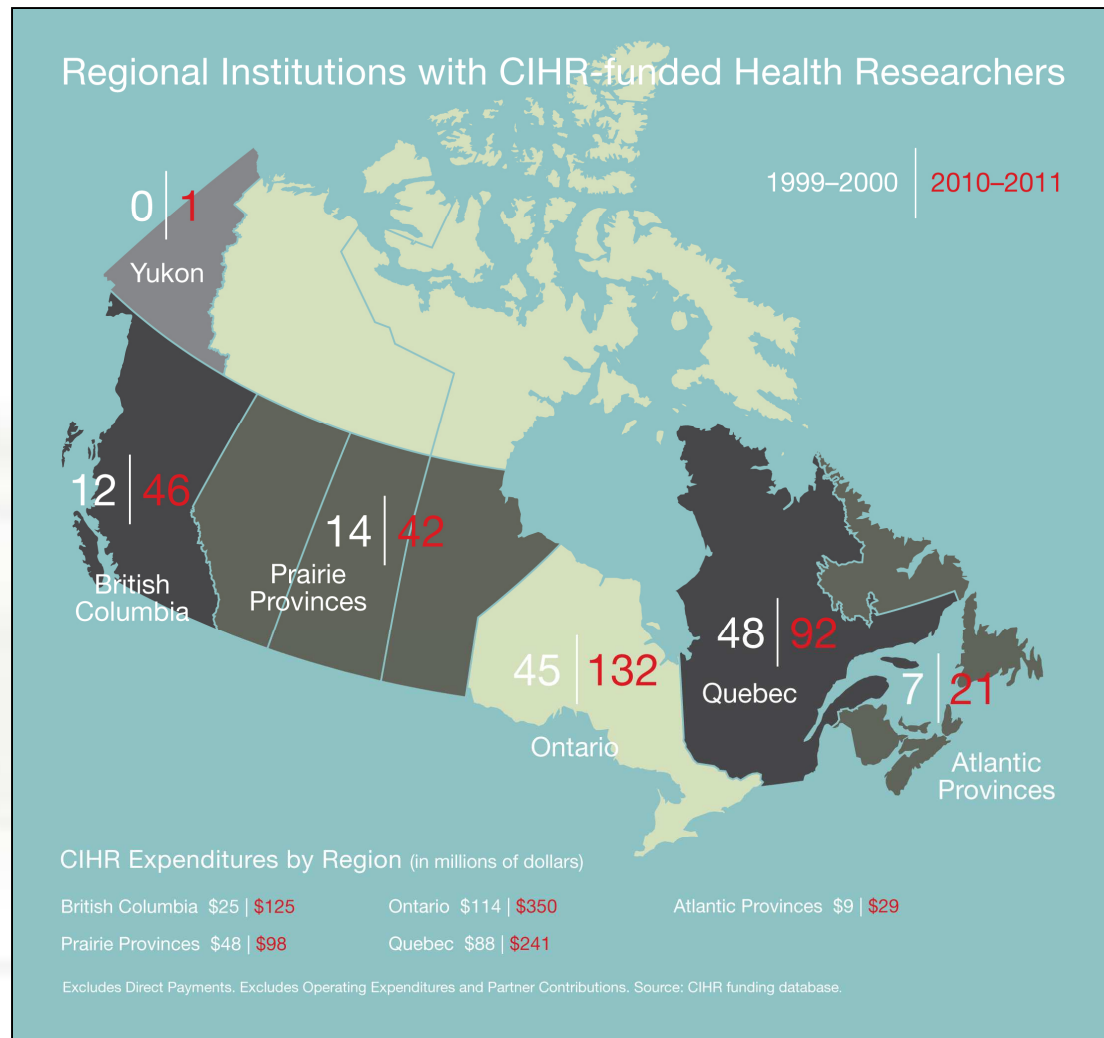
58

Health systems / services: \$58 million (up from \$5 million in 2000–01)

91

Social / cultural / environmental / population health: \$91 million
(up from \$9 million in 2000–01)

CIHR – Reach and Impact Across Canada

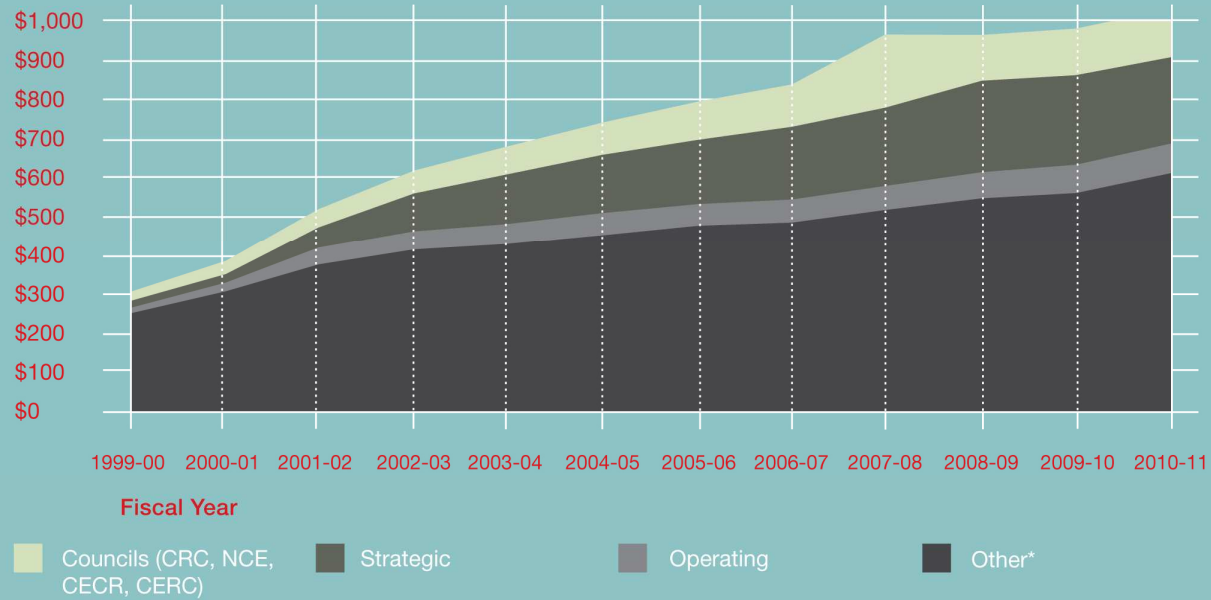


Balanced Research Investment on Behalf of Canada

Funding by Program Type 1999–2000 / 2010–11

Including CRC, CECE, and NCE (in millions of dollars)

Expenditures



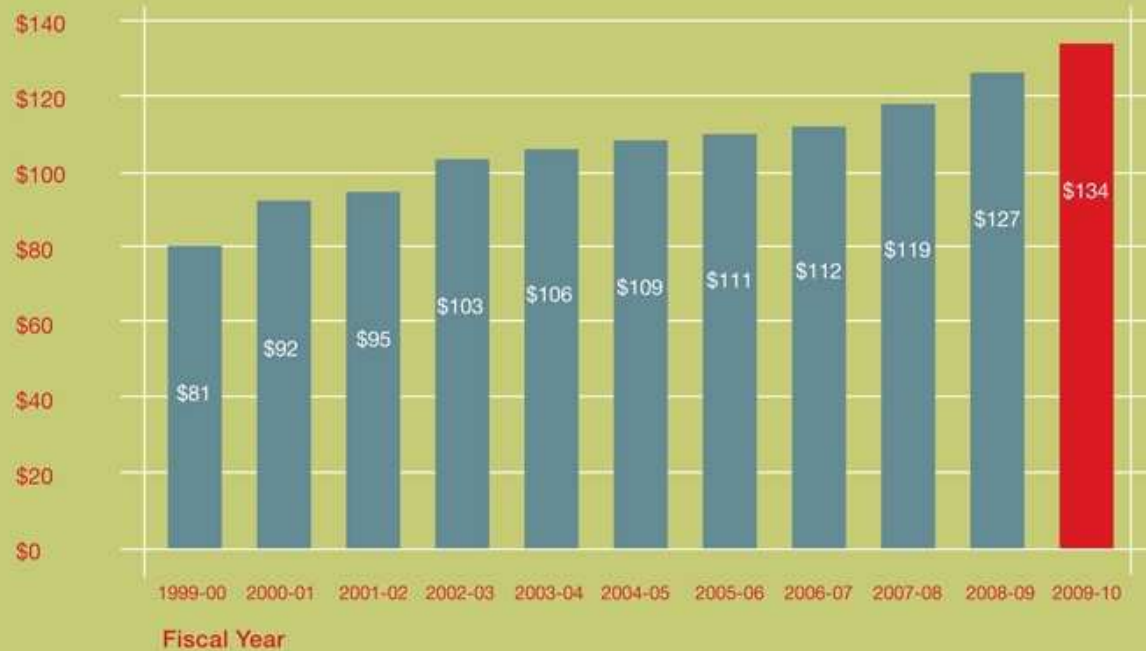
* Other includes: Open Competitions, Ethics, and Knowledge Synthesis and Exchange.

Steady Increase in Funds Invested

Average Grant Amount 1999–2000 / 2009–10*

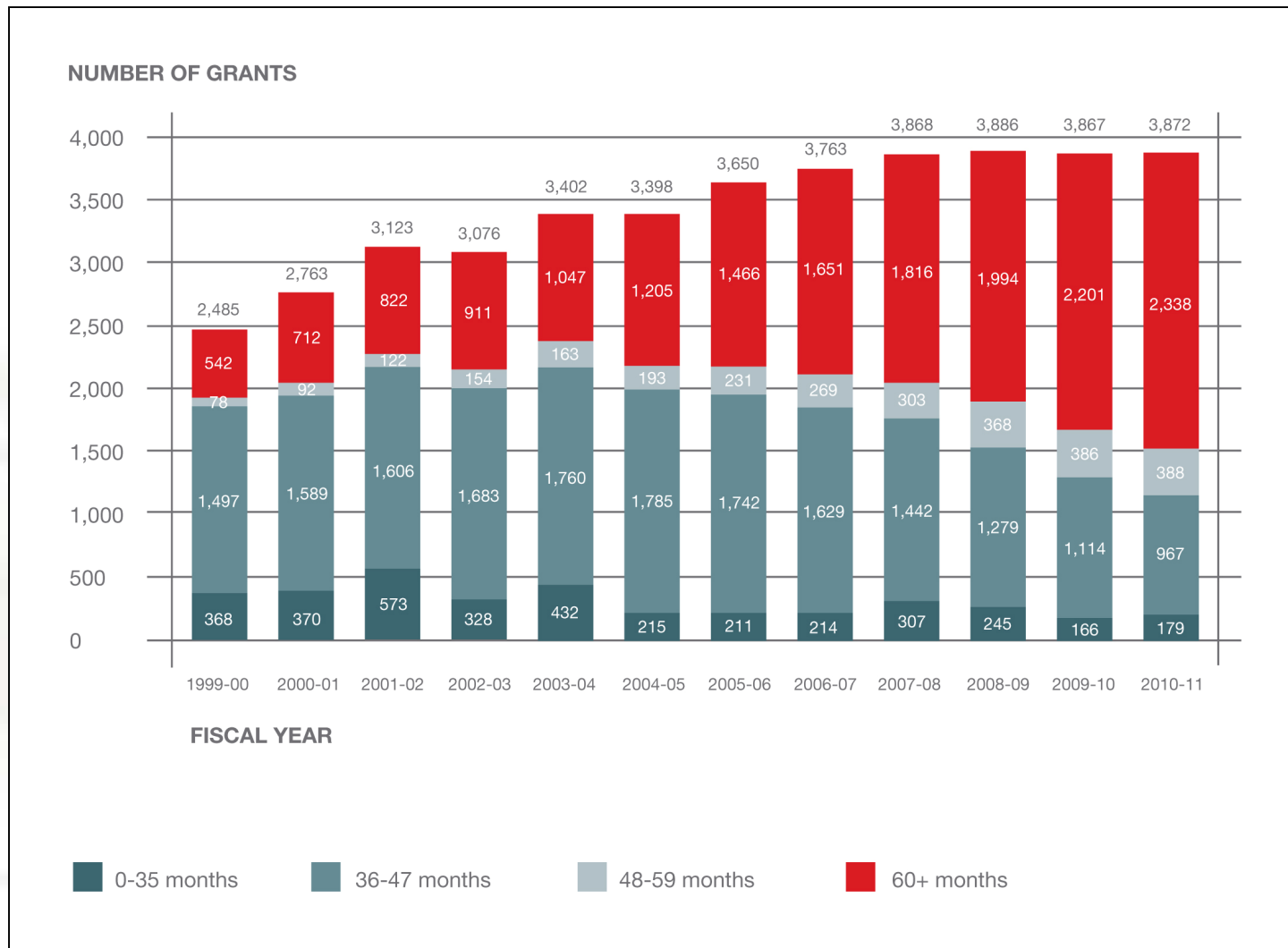
Open Operating Grant Program (in thousands)

Average Grant Amount



* Average amounts based on the average funding for the first fiscal year of grants awarded (at the time the results are adjudicated by Research and Knowledge Translation Committee / Scientific Council).

Increasing Size, Scope and Complexity of Funded Research



Canadian HIV Vaccine Initiative

CIHR/CIDA Large Team Grant – \$17 million

Global Alliance for Chronic Disease

Canadian commitment of \$5 million

CIHR investment of \$2.5 million

\$22 million total research budget

Global Health Research Initiative

\$22 million invested by 2015

Grand Challenges in Global Health Initiative

CIHR investment of \$5.65 million
\$458 million total research budget

International Research Initiative on Adaptation to Climate Change

CIHR investment of up to \$3 million

Canada-HOPE Scholarship Program

CIHR investment of \$1.7 million, matching grant from Sanofi-Aventis

\$71M

invested by all partners for approved research programs (2001–15)

10+

research programs (such as Teasdale-Corti) funded since 2001

129

research projects funded

1,000+

research networks established (including 257 Canadian researchers)

62

Canadian research institutions and universities participating

67

countries involved

339

research settings in Canada, Africa, Asia, the Middle East, Latin America and the Caribbean

2009

Government of Canada announces funding for Drug Safety and Effectiveness Network (DSEN)

\$32M

over first five years

\$10M

annually in subsequent funding

14

one-year “Catalyst” research projects launched

\$1.3M

investment in Catalyst projects

2010

Collaborative research agreement: CIHR, the German Centre of Neurodegenerative Diseases and UK Medical Research Council

\$8M

for collaborative research projects: partners in United Kingdom, Germany, Belgium and Italy

\$1.6M

CIHR share of the investment

\$1.5M

Phase II of Alzheimer's Disease Neuroimaging Initiative

\$5M

France-Quebec-Canada collaboration

\$1.4M

CIHR share of the investment

PARTNERSHIP AND COLLABORATION

279 NUMBER OF PARTNERS IN 2010–11

47

Academic

45

International

9

Private

117

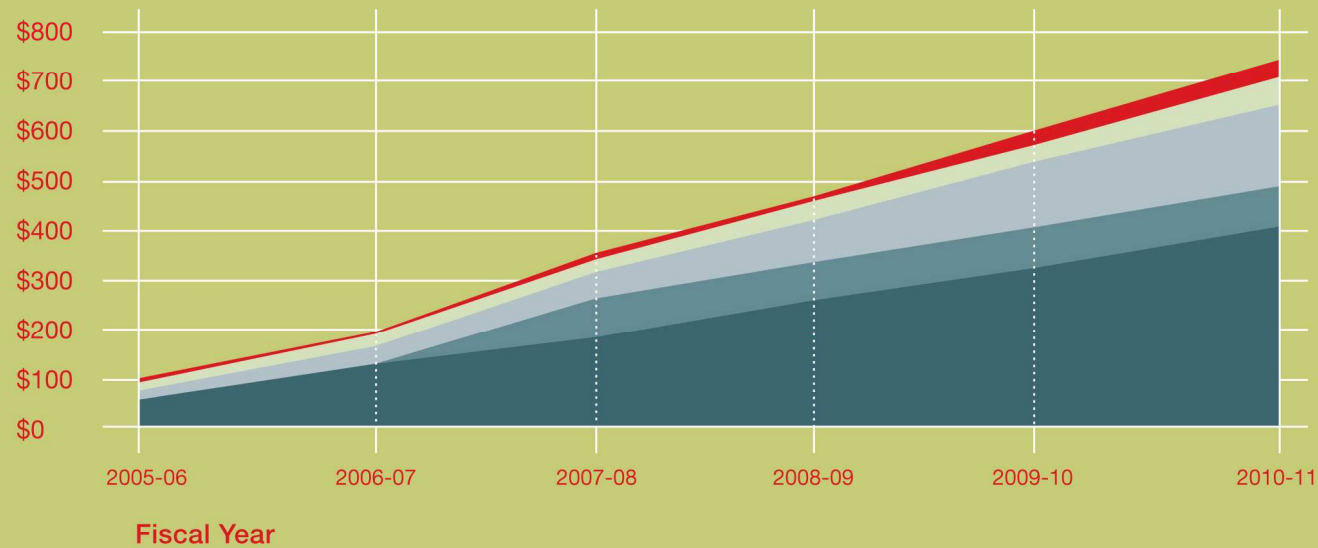
Volunteer

61

Public

Initial Investment Has Leverage

Cumulative Total Funds Directly Leveraged by CIHR Investments Since 2005-06 (in millions of dollars)



Strategic
 CECR
 NCE
 Other
 OGD*

* The other government department OGD partner contributions* are contributions from federal government departments/agencies and are included in CIHR's expenditure budget. The OGD contributions are transferred to CIHR's appropriation through Annual Reference Level Update (ARLU) and the Supplementary Estimates processes.

Partner Contributions on flow-through fund programs (Networks of Centres of Excellence, Centres of Excellence for Commercialization and Research) are not leveraged funds.

Canada-China Partnership Agreements Have Produced Results

89

Canada–China joint health research projects funded since 2005 which will result in a total of almost \$11 million in CIHR investment

6

Canada–China collaborative teams in health research funded during 2010–11, for a total of \$2.9 million in CIHR investment

150+

journal articles published by Canadian and Chinese researchers during 2005–11, arising from collaboratively funded projects

International expenditures have grown twofold, from

5.5% to 10%

of the total CIHR budget since 2000.

Approximately

3,300

grants and awards with international linkages have been funded

RESEARCH TALENT

14,139

NUMBER OF RESEARCHERS / TRAINEES
SUPPORTED IN 2010–11

2005 Lasker Award for Basic Medical Research

James Edgar Till and **Ernest Armstrong McCulloch**, Ontario Cancer Institute

2008 Kyoto Prize in Basic Sciences

Anthony Pawson, the Samuel Lunenfeld Research Institute

Gairdner International and Wightman Award Recipients

2011 – Michael Hayden, University of British Columbia

2010 – Calvin Stiller, University of Western Ontario/ Ontario Cancer Research Institute

2009 – David Sackett, McMaster University

2008 – Alan Bernstein, Global HIV Vaccine Enterprise

2008 – Samuel Weiss, University of Calgary

2008 – Nahum Sonenberg, McGill University

2006 – Allan R. Ronald

2005 – Endel Tulving, Rotman Research Institute of Baycrest Centre, Toronto

2005 – Brenda Milner, McGill University

2001 – Henry Friesen, University of Manitoba

2000 – Jack Hirsh, McMaster University

750

new and existing CIHR postdoctoral fellowships supported through direct awards

1,200

postdoctoral fellowships supported indirectly, through grants

170

postdoctoral fellowships to be awarded in 2011–12, up from the previous level of 140

658

eligible applications received in 2010 for 70 Banting Postdoctoral Fellowships awards

\$21M

budgeted for postdoctoral fellowships over five years in 2010–11, up from \$12 million in 2007–08

KNOWLEDGE TRANSLATION

801

submissions to PubMed Central (PMC) Canada

312

submissions published on PMC Canada

169

links to CIHR grants in PMC Canada

1,318,198

downloads

196,961

unique visits (from individual IP addresses)

10

percentage of the Cochrane Library's 4,432 reviews contributed by Canadian groups

18

Cochrane-connected regional sites at Canadian universities, and 1 regional authority

26

partner organizations across Canada

2,300

number of Canadians actively involved

3,869

number of accesses of the full text of Cochrane Musculoskeletal Group's review *Glucosamine therapy for treating osteoarthritis* in 2009

May 2010, Fredericton

Primary Care

October 2010, Regina

Developing and Implementing a Framework for Patient and Family-Centred Care

February 2011, Ottawa

Health Science and Research in Canada's Arctic – Building the Evidence Base

March 2011, Ottawa

Health Inequalities, Health Policy and the Social Determinants of Health of First Nations Communities

March 2011, Halifax

Governance Models to Support an Integrated System of Care for Mental Health and Addictions Services