

Spending on research and development, 2014 (intentions)

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Canada's gross domestic expenditures on research and development (R&D) are expected to total \$30.6 billion for 2014. This is virtually unchanged from total R&D expenditures in 2013 of \$30.7 billion.

The business enterprise sector has historically been the largest contributing sector to gross domestic expenditures in both performing and funding R&D. For 2014, business enterprises performing R&D expect to spend \$15.4 billion, down 0.9% from the previous year. For R&D funding, the business enterprise sector is expected to finance \$14.1 billion in 2014, down 1.1% from the previous year.

The higher education sector's R&D performing intentions for 2014 are \$12.4 billion and \$5.5 billion for funding intentions.

The federal government funds more R&D than it performs. This sector anticipates performing \$2.3 billion in R&D, down 6.9% from 2013. Federal government funding of R&D is expected to decline 1.9% to \$5.8 billion in 2014.

Provincial governments, similar to their federal counterpart, also fund more R&D than they perform. For 2014, provincial government performance of R&D activities is predicted to be \$304 million, while provincial governments expect to increase R&D funding by 1.1% from 2013 to \$2.1 billion. Provincial research organizations, although often combined with provincial government data, actually perform more R&D activities than they fund. Provincial research organizations are projected to perform \$34 million in R&D activity and fund \$5 million.

The private non-profit sector anticipates a 5.0% increase in its R&D performance to \$169 million. This sector expects to increase R&D funding by 1.2%.

R&D funding also includes the foreign sector, which anticipates financing \$1.8 billion in 2014, relatively unchanged from 2013.

Note to readers

Data for gross domestic expenditures on research and development (R&D) are available in current and constant dollars for both performing and funding sectors by science type, province, territory and region in CANSIM table 358-0001.

Gross domestic expenditures on research and development (GERD) data presented are performance based. This means funding sector data are derived from the source of funds indicated by the performing sectors. As a result, GERD funding sector values will not equal funding data collected and released by individual sectors.

National level data are released to intentions year 2014. Data by province and territory are available to year reference year 2012. Data for the provincial government performing sector is currently modelled based on responses from the 2010 Provincial Scientific Activities Survey. However, this release includes 2012 data on R&D activities performed by the provincial governments of Alberta and Quebec as they conducted their own survey and provided this information to Statistics Canada. Provincial research organization data are collected through a Statistics Canada survey.



Table 1
Research and development spending intentions

	2013	2014	2013 to 2014
	millions of dollars		% change
Total, performing sector	30,748	30,572	-0.6
Business enterprises	15,535	15,401	-0.9
Higher education	12,237	12,360	1.0
Federal government	2,475	2,305	-6.9
Provincial government and provincial research organizations	339	338	-0.3
Private non-profit	161	169	5.0
Total, funding sector	30,748	30,572	-0.6
Business enterprises	14,282	14,119	-1.1
Federal government	5,920	5,806	-1.9
Higher education	5,478	5,533	1.0
Provincial government and provincial research organizations	2,043	2,066	1.1
Foreign	1,831	1,842	0.6
Private non-profit	1,193	1,207	1.2

Note(s): Components may not add up to totals because of rounding. Performing and funding sectors are ranked separately from highest to lowest expenditures.

Available in CANSIM: table [358-0001](#).

Definitions, data sources and methods: survey number [5198](#).

The publication *Gross Domestic Expenditures on Research and Development in Canada (GERD) and the Provinces (88-221-X)* will soon be available. This publication includes national estimates for 2004 to 2014 and provincial estimates for 2008 to 2012.

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