

Table 10-1
Business enterprise research and development extramural payments by industry — And by year

	2009	2010	2011 ^r	2012 ^r	2013 ^p
	millions of dollars				
Total all industries	3,681^A	2,928^A	2,994^A	3,169^A	3,310^A
Agriculture, forestry, fishing and hunting	21^A	18^A	x	13^A	x
Agriculture	13 ^A	13 ^A	x	10 ^A	8 ^A
Forestry, logging and support activities for forestry	4 ^A	x	x	2 ^A	x
Fishing, hunting, trapping and animal aquaculture	3 ^A	x	1 ^A	2 ^A	1 ^A
Mining, quarrying, and oil and gas extraction	98^A	155^B	140^C	210^A	192^B
Oil and gas extraction, contract drilling and related services	65 ^A	127 ^B	104 ^D	172 ^A	158 ^C
Mining and quarrying, contract drilling and related support activities	33 ^A	28 ^D	36 ^A	38 ^A	35 ^A
Utilities	106^A	99^D	112^A	130^A	x
Electric power generation, transmission and distribution	100 ^A	91 ^D	105 ^A	x	x
Other utilities	7 ^A	8 ^A	6 ^A	x	x
Construction	25^D	20^A	x	16^A	x
Manufacturing	1,193^A	822^A	935^A	755^A	992^B
Food manufacturing	26 ^A	26 ^A	19 ^D	19 ^A	x
Beverage and tobacco product manufacturing	4 ^A	3 ^A	2 ^A	4 ^A	1 ^A
Textile mills and textile product mills	3 ^A	2 ^A	x	x	1 ^A
Wood product manufacturing	21 ^A	12 ^A	x	x	13 ^A
Paper manufacturing	15 ^A	13 ^A	x	18 ^A	18 ^A
Printing and related support activities	3 ^A	2 ^A	3 ^A	2 ^C	2 ^A
Petroleum and coal products manufacturing	12 ^A	10 ^A	x	x	x
Pharmaceutical and medicine manufacturing	457 ^A	170 ^A	107 ^A	158 ^A	182 ^A
Other chemicals manufacturing	107 ^B	88 ^A	x	75 ^A	59 ^E
Plastic product manufacturing	19 ^C	16 ^A	15 ^A	15 ^A	x
Rubber product manufacturing	3 ^A	3 ^A	1 ^A	4 ^A	3 ^A
Non-metallic mineral product manufacturing	7 ^E	10 ^A	6 ^A	5 ^A	5 ^A
Primary metal (ferrous) manufacturing	5 ^B	x	x	x	x
Primary metal (non-ferrous) manufacturing	17 ^A	21 ^A	x	x	x
Fabricated metal product manufacturing	26 ^A	24 ^A	x	x	x
Machinery manufacturing	59 ^A	x	x	55 ^A	x
Computer and peripheral equipment manufacturing	4 ^A	4 ^A	x	9 ^A	x
Communications equipment manufacturing	144 ^A	86 ^A	103 ^D	43 ^A	x
Semiconductor and other electronic component manufacturing	14 ^A	15 ^A	x	x	x
Navigational, measuring, medical and control instrument manufacturing	32 ^A	43 ^A	84 ^A	28 ^A	56 ^A
Other computer and electronic products manufacturing	2 ^E	2 ^A	2 ^A	3 ^A	3 ^A
Electrical equipment, appliance and component manufacturing	21 ^A	16 ^A	10 ^A	x	x
Motor vehicle and parts manufacturing	79 ^C	69 ^C	84 ^A	x	x
Aerospace products and parts manufacturing	70 ^B	97 ^A	162 ^A	x	x
All other transportation equipment manufacturing	13 ^D	11 ^A	7 ^A	x	x
Furniture and related product manufacturing	5 ^A	5 ^A	3 ^A	2 ^A	1 ^A
Other manufacturing industries	25 ^A	23 ^A	30 ^A	39 ^A	x
Services	2,238^A	1,814^A	1,750^A	2,044^A	1,879^A
Wholesale trade	611 ^A	408 ^A	308 ^A	444 ^A	407 ^A
Retail trade	15 ^A	x	16 ^A	15 ^A	10 ^A
Transportation and warehousing	49 ^A	x	27 ^A	29 ^B	42 ^A
Information and cultural industries	553 ^B	536 ^A	462 ^A	394 ^A	387 ^A
Finance, insurance and real estate	123 ^A	94 ^A	91 ^D	304 ^B	279 ^A
Architectural, engineering and related services	84 ^A	x	73 ^A	70 ^A	65 ^A
Computer systems design and related services	154 ^C	152 ^A	275 ^A	276 ^A	151 ^A
Management, scientific and technical consulting services	21 ^A	x	27 ^A	29 ^A	30 ^A
Scientific research and development services	511 ^A	347 ^A	336 ^A	365 ^A	353 ^A
Health care and social assistance	36 ^A	29 ^A	36 ^A	36 ^A	47 ^A
All other services	81 ^A	x	98 ^A	81 ^A	110 ^A

Note(s): Extramural payments are expenditures made for R&D performed by other organizations in Canada and/or in other countries. Other organizations include parent, affiliated and subsidiary companies, other non-related companies, private non-profit organizations, universities, hospitals, industrial research institutes or associations, provincial research organizations, and other organizations including governments and individuals. Extramural R&D payments include expenditures by companies that performed R&D and companies that only made payments for R&D to other organizations. Components may not add to totals due to rounding. Tax data include extramural payments for R&D in Canada only; extramural payments for R&D outside of Canada were imputed for these records (see Survey Methodology).