

Table 10-1
Total extramural payments for research and development, by industry and by year

	2005	2006	2007 ^r	2008 ^r	2009 ^p
	millions of dollars				
Total	4,025	4,201	4,424	3,789^A	3,126^A
Agriculture, forestry, fishing and hunting	13	16	26	16^D	13^A
Agriculture	11	14	9	9 ^C	9 ^B
Forestry and logging	1	2	x	F	2 ^A
Fishing, hunting and trapping	1	1	x	2 ^B	2 ^A
Mining and oil and gas extraction	55	80	54	67^A	88^B
Oil and gas extraction	32	55	40	47 ^B	58 ^B
Mining	23	25	14	19 ^D	30 ^C
Utilities	43	90	101	105^A	104^A
Electric power	41	82	91	100 ^A	99 ^A
Other utilities	3	8	10	6 ^A	4 ^A
Construction	15	13	13	14^D	15^A
Manufacturing	1,868	2,108	1,910	1,252^A	921^B
Food	22	24	20	114 ^A	22 ^A
Beverage and tobacco	7	x	8	3 ^C	2 ^A
Textile	6	x	3	2 ^B	2 ^A
Wood products	32	27	21	21 ^A	19 ^A
Paper	32	29	19	16 ^C	16 ^A
Printing	x	2	x	x ^D	3 ^A
Petroleum and coal products	42	69	60	x ^D	7 ^A
Pharmaceutical and medicine	510	527	557	393 ^A	236 ^E
Other chemicals	40	55	70	61 ^B	102 ^A
Plastic products	12	13	11	12 ^C	14 ^B
Rubber products	x	x	10	F	3 ^A
Non-metallic mineral products	x	8	7	5 ^B	5 ^A
Primary metal (ferrous)	6	9	x	4 ^A	F
Primary metal (non-ferrous)	56	71	53	35 ^B	16 ^A
Fabricated metal products	23	23	21	23 ^A	22 ^A
Machinery	54	63	56	54 ^B	52 ^B
Computer and peripheral equipment	9	15	6	8 ^C	3 ^A
Communications equipment	142	212	127	162 ^A	143 ^C
Semiconductor and other electronic components	x	x	x	17 ^D	14 ^B
Navigational, measuring, medical and control instruments	34	46	45	48 ^D	31 ^C
Other computer and electronic products	x	2	x	x ^A	F
Electrical equipment, appliance and components	13	13	21	16 ^B	19 ^A
Motor vehicle and parts	496	459	372	100 ^B	77 ^A
Aerospace products and parts	15	103	97	59 ^A	68 ^A
All other transportation equipment	x	x	x	11 ^E	12 ^A
Furniture and related products	x	x	3	4 ^B	4 ^A
Other manufacturing industries	20	21	17	22 ^D	21 ^B
Services	2,031	1,895	2,320	2,336^A	1,986^A
Wholesale trade	217	258	301	580 ^A	601 ^A
Retail trade	29	16	17	18 ^B	9 ^A
Transportation and warehousing	19	36	63	46 ^A	40 ^B
Information and cultural industries	865	714	706	585 ^A	541 ^A
Finance, insurance and real estate	98	109	127	109 ^B	112 ^A
Architectural, engineering and related services	40	62	64	57 ^D	73 ^A
Computer system design and related services	128	150	175	F	137 ^A
Management, scientific and technical consulting services	17	18	19	14 ^D	16 ^A
Scientific research and development services	416	406	709	669 ^A	355 ^A
Health care and social assistance	114	71	72	43 ^B	39 ^A
All other services	86	54	66	72 ^A	62 ^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 or affiliated companies, other non-related companies, private non-profit organizations, universities, hospitals, industrial and 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.