

Table 7
Capital intramural research and development expenditures, by industry

	2007 ^r	2008 ^r	2009 ^p	2010 ^p	2011 ^p
	millions of dollars				
Total	1,105	1,046^A	835^A	884^A	881^B
Agriculture, forestry, fishing and hunting	7	4^B	4^A	x	x
Agriculture	6	4 ^B	3 ^A	2 ^A	2 ^A
Forestry and logging	0 ^s	0 ^C	0 ^A	0 ^A	x
Fishing, hunting and trapping	1	F	1 ^A	x	x
Mining and oil and gas extraction	129	165^B	106^A	77^B	73^D
Oil and gas extraction	122	161 ^B	x	x	x
Mining	6	4 ^B	x	x	x
Utilities	92	32^A	19^A	x	x
Electric power	x	x	x	x	x
Other utilities	x	x	x	x	x
Construction	3	4^D	2^D	2^B	2^B
Manufacturing	405	444^A	361^A	423^A	418^B
Food	8	9 ^A	8 ^A	4 ^B	5 ^B
Beverage and tobacco	0 ^s	0 ^A	0 ^A	0 ^C	0 ^A
Textile	2	3 ^A	1 ^A	1 ^B	1 ^B
Wood products	2	x	1 ^C	1 ^A	1 ^A
Paper	3	F	2 ^A	x	2 ^C
Printing	2	1 ^B	1 ^B	1 ^A	1 ^A
Petroleum and coal products	58	x	x	x	x
Pharmaceutical and medicine	45	37 ^A	39 ^A	28 ^D	F
Other chemicals	10	12 ^C	18 ^D	18 ^E	19 ^E
Plastic products	6	6 ^A	6 ^D	10 ^D	6 ^D
Rubber products	x	0 ^B	F	F	0 ^D
Non-metallic mineral products	1	4 ^B	1 ^A	1 ^C	1 ^E
Primary metal (ferrous)	2	F	0 ^E	F	0 ^D
Primary metal (non-ferrous)	26	33 ^A	2 ^A	F	F
Fabricated metal products	6	7 ^D	8 ^B	7 ^B	9 ^A
Machinery	12	16 ^B	10 ^C	11 ^B	10 ^D
Computer and peripheral equipment	4	5 ^A	1 ^C	1 ^C	1 ^C
Communications equipment	94	96 ^A	110 ^A	98 ^B	146 ^A
Semiconductor and other electronic components	35	21 ^A	14 ^A	16 ^C	11 ^C
Navigational, measuring, medical and control instruments	12	14 ^A	10 ^A	11 ^B	11 ^D
Other computer and electronic products	1	F	0 ^A	F	F
Electrical equipment, appliance and components	11	7 ^C	3 ^B	2 ^D	2 ^C
Motor vehicle and parts	19	11 ^C	13 ^A	28 ^C	F
Aerospace products and parts	22	x	x	x	x
All other transportation equipment	x	2 ^A	8 ^A	F	F
Furniture and related products	0 ^s	2 ^E	0 ^S	0 ^A	0 ^B
Other manufacturing industries	14	F	8 ^A	15 ^D	10 ^E
Services	470	397^A	341^A	364^A	371^B
Wholesale trade	66	68 ^A	61 ^A	74 ^B	70 ^B
Retail trade	1	1 ^C	1 ^A	1 ^B	1 ^B
Transportation and warehousing	2	7 ^D	2 ^A	F	F
Information and cultural industries	158	80 ^A	97 ^A	103 ^A	105 ^A
Finance, insurance and real estate	12	33 ^D	49 ^D	44 ^B	38 ^C
Architectural, engineering and related services	28	13 ^C	8 ^B	9 ^C	11 ^D
Computer system design and related services	44	34 ^B	26 ^A	31 ^C	30 ^C
Management, scientific and technical consulting services	3	3 ^B	2 ^C	4 ^E	F
Scientific research and development services	118	127 ^A	79 ^A	81 ^B	81 ^B
Health care and social assistance	13	12 ^A	6 ^C	4 ^D	19 ^D
All other services	26	18 ^A	10 ^B	12 ^C	12 ^D

Note(s): Components may not add to totals due to rounding.