

Table 7-1
Current intramural research and development expenditures — By industry

	2004 ^r	2005 ^r	2006 ^p	2007 ^p	2008 ^p
	millions of dollars				
Total	14,220	14,696	15,028	15,159	15,349^E
Agriculture, forestry, fishing and hunting	98	x	111	x	x
Agriculture	x	x	x	87 ^E	78 ^E
Forestry and logging	x	19	x	x	x
Fishing, hunting and trapping	5	x	4	F	F
Mining and oil and gas extraction	x	x	x	x	x
Oil and gas extraction	x	280	x	x	x
Mining	53	x	61	F	F
Utilities	x	x	x	x	x
Electric power	x	x	x	x	x
Other utilities	12	12	16	F	F
Construction	55	69	68	F	F
Manufacturing	7,939	7,965	8,130	8,047	8,200
Food	128	131	137	138 ^E	139 ^E
Beverage and tobacco	18	18	17	F	F
Textile	55	53	53	48 ^E	48 ^E
Wood products	71	99	121	104 ^E	90
Paper	411	337	372	308	311 ^E
Printing	35	39	38	F	F
Petroleum and coal products	174	174	184	205	189
Pharmaceutical and medicine	1,133	1,121	1,035	1,050	1,018
Other chemicals	206	190	183	202 ^E	192 ^E
Plastic products	121	125	129	F	F
Rubber products	26	31	32	25	24
Non-metallic mineral products	43	72	74	80 ^E	65 ^E
Primary metal (ferrous)	45	34	33	23	26
Primary metal (non-ferrous)	189	169	186	189	221
Fabricated metal products	196	211	234	F	F
Machinery	486	543	575	517 ^E	607 ^E
Computer and peripheral equipment	160	150	138	136 ^E	113 ^E
Communications equipment	1,437	1,335	1,406	1,460 ^E	1,524 ^E
Semiconductor and other electronic components	761	792	781	835	851
Navigational, measuring, medical and control instruments	363	463	431	400	418
Other computer and electronic products	21	27	15	18 ^E	17 ^E
Electrical equipment, appliance and components	144	138	154	155 ^E	153 ^E
Motor vehicle and parts	616	616	581	544	570
Aerospace products and parts	858	818	916	886	922
All other transportation equipment	44	58	61	75 ^E	F
Furniture and related products	30	31	35	F	F
Other manufacturing industries	167	189	209	215 ^E	206 ^E
Services	5,725	6,074	6,083	6,330	6,372
Wholesale trade	748	798	775	814	782 ^E
Retail trade	30	39	43	F	F
Transportation and warehousing	50	56	55	63	60
Information and cultural industries	1,258	1,452	1,485	1,607 ^E	1,595 ^E
Finance, insurance and real estate	318	395	417	362	F
Architectural, engineering and related services	451	408	403	395	418
Computer system design and related services	1,117	1,089	1,121	1,155 ^E	F
Management, scientific and technical consulting services	66	69	53	F	F
Scientific research and development services	1,124	1,133	1,086	1,154	1,285
Health care and social assistance	332	375	365	408	408 ^E
All other services	230	260	280	281 ^E	262 ^E

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