

Table 4.15
Federal government research and development expenditures by socio-economic objective

	Intramural ¹									
	1997/1998	1998/1999	1999/2000	2000/2001	2001/2002	2002/2003	2003/2004	2004/2005	2005/2006	2006/2007
	millions of dollars									
Total	1,588	1,627	1,734	1,957	2,000	2,075	1,976	1,983	2,298	2,391
Exploration and exploitation of the earth	178	179	186	207	125	141	85	98	110	98
Infrastructure and general planning of land use										
Transport	34	38	42	37	71	65	56	53	58	50
Telecommunications	33	32	24	28	44	37	35	43	52	51
Other	54	50	42	48	30	39	38	38	46	40
Control and care of the environment	97	98	122	143	142	174	178	181	216	188
Protection and improvement of human health	80	87	103	116	152	186	196	203	210	217
Production, distribution and rational utilization of energy	209	170	171	187	248	214	245	199	229	339
Agricultural production and technology										
Agriculture	317	308	334	333	345	287	275	269	336	340
Fishing	30	42	43	51	47	55	42	44	47	47
Forestry	73	74	77	83	75	74	72	71	75	76
Industrial production and technology	119	123	137	165	164	189	189	174	198	196
Social structures and relationships	110	125	50	53	47	61	60	62	59	81
Exploration and exploitation of space	59	92	68	187	175	179	121	125	162	163
Non-oriented research	51	54	150	150	181	202	206	208	219	219
Other civil research	15	13	14	16	15	14	14	15	23	24
Defence	127	136	167	150	134	152	157	191	245	261
Other	3	4	4	3	5	6	6	10	13	0

	Extramural ²									
	1997/1998	1998/1999	1999/2000	2000/2001	2001/2002	2002/2003	2003/2004	2004/2005	2005/2006	2006/2007
	millions of dollars									
Total	1,659	1,835	2,030	2,070	2,887	2,737	3,379	3,371	3,628	3,577
Exploration and exploitation of the earth	25	29	99	46	69	59	75	55	78	58
Infrastructure and general planning of land use										
Transport	32	28	23	20	24	25	19	27	28	26
Telecommunications	21	35	34	15	23	24	27	30	31	21
Other	13	15	16	20	25	28	31	28	29	29
Control and care of the environment	73	83	88	112	148	141	171	155	185	175
Protection and improvement of human health	282	318	390	519	709	866	960	988	1,106	1,160
Production, distribution and rational utilization of energy	57	65	68	64	117	75	210	181	103	89
Agricultural production and technology										
Agriculture	37	44	67	70	75	90	86	79	102	130
Fishing	8	10	13	14	15	16	23	26	25	19
Forestry	24	24	43	27	27	41	56	49	44	46
Industrial production and technology	429	406	398	518	741	657	778	732	884	831
Social structures and relationships	31	90	87	106	130	149	170	189	203	196
Exploration and exploitation of space	190	270	269	154	193	179	197	190	164	179
Non-oriented research	237	229	256	188	365	213	376	428	496	535
Other civil research	1	2	1	17	17	2	1	2	4	10
Defence	124	120	121	119	142	100	116	94	93	72
Other	74	68	57	62	67	72	82	119	54	0

1. The research and development intramural expenditures are managed and carried out primarily by federal government employees. Non-program (indirect costs) are excluded.

2. The management and conduct of the research and development extramural expenditures are entrusted to a non-federal organization.

Source(s): Statistics Canada, Science, Innovation and Electronic Information Division, *Science Statistics*, Catalogue no. 88-001-X, various issues.