

12.5 Federal scientific expenditures by application area (million dollars)

Area and department or agency	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87
Advancement of science						
National Research Council	65.9	82.9	94.9	94.2	101.2	112.9
Natural Sciences and Engineering Research Council	179.6	217.8	252.2	278.6	277.6	289.2
Social Sciences and Humanities Research Council	46.6	56.4	60.0	62.9	63.7	70.0
Others	2.8	1.7	2.0	5.4	10.9	15.4
Total	294.9	358.8	409.1	441.1	453.4	487.5
Communications						
Communications	41.6	47.8	44.5	71.4	74.4	55.6
National Research Council	3.1	4.4	4.2	—	—	—
Natural Sciences and Engineering Research Council	2.9	3.6	3.6	5.5	5.9	5.6
Supply and Services (unsolicited proposals)	1.8	4.0	3.0	3.4	2.3	3.0
Others	5.2	6.2	6.4	7.8	9.7	6.6
Total	54.6	66.0	61.7	88.1	92.3	70.8
Developing nations						
Canadian International Development Agency	41.7	48.4	54.2	49.3	53.6	71.2
International Development Research Centre	45.9	53.6	61.3	75.7	80.7	82.3
Others	—	—	—	0.2	0.2	—
Total	87.6	102.0	115.5	125.2	134.5	153.5
Energy						
Energy, Mines and Resources	94.4	84.3	138.3	121.2	139.9	138.5
Atomic Energy of Canada Ltd.	91.9	122.5	132.3	143.0	132.1	152.3
Environment	10.2	8.5	12.4	5.1	5.4	5.9
Fisheries and Oceans	1.3	3.5	6.5	13.8	11.0	10.2
Regional Industrial Expansion	0.6	2.7	3.0	—	—	—
National Research Council	39.6	56.8	77.9	65.7	42.4	18.4
Natural Sciences and Engineering Research Council	6.7	7.6	8.1	5.0	3.8	4.2
Public Works	4.6	3.5	3.8	3.2	2.4	2.5
Transport	1.3	5.8	10.8	9.2	6.9	6.3
Others	6.1	9.5	15.8	14.0	14.9	13.0
Total	256.7	304.7	408.9	380.2	358.8	351.3
Environment issues						
Energy, Mines and Resources	4.5	5.3	5.7	5.7	7.5	8.8
Environment	43.6	46.0	52.0	53.8	56.7	55.8
Fisheries and Oceans	14.2	14.6	15.5	18.7	22.3	19.6
National Research Council	5.4	7.0	7.3	6.1	8.3	5.8
Natural Sciences and Engineering Research Council	3.1	3.5	3.2	2.8	2.8	2.9
Others	5.7	4.9	4.7	4.0	6.5	5.3
Total	76.5	81.3	88.4	91.1	104.1	98.2
Food science						
Agriculture	159.5	175.0	199.2	280.2	307.5	300.9
Fisheries and Oceans	58.5	82.1	92.3	113.8	133.3	118.5
National Research Council	13.3	19.6	26.8	38.6	40.4	34.9
Natural Sciences and Engineering Research Council	4.1	3.5	4.4	5.0	5.2	5.5
Statistics Canada	9.0	6.1	4.6	9.1	10.0	14.4
Others	4.9	4.9	5.1	5.7	6.8	5.4
Total	249.3	291.2	332.4	452.4	503.2	479.6
Health science						
Energy, Mines and Resources	1.1	1.1	1.4	1.1	2.9	2.3
Atomic Energy of Canada Ltd.	5.6	7.1	7.1	7.3	8.0	8.5
National Health and Welfare	65.9	69.3	78.5	86.5	87.7	92.3
Medical Research Council	100.2	113.3	140.8	156.8	161.4	164.9
National Research Council	14.4	17.4	21.7	24.6	32.2	27.9
Statistics Canada	5.1	5.2	5.2	3.9	4.0	4.2
Others	0.1	0.4	0.5	2.1	1.3	1.0
Total	192.4	213.8	255.2	282.3	297.5	301.1