

12.5 Federal scientific expenditures by application area (million dollars) (concluded)

Area and department or agency	1979-80	1980-81	1981-82	1982-83	1983-84	1984-85
Space science and satellite technology						
Communications	36.6	36.7	45.7	52.0	64.8	55.9
Environment	2.0	2.0	2.3	5.1	5.5	6.0
National Research Council	18.7	18.5	17.4	17.8	24.2	31.0
Others	0.5	1.8	2.3	2.0	2.5	2.7
Total	57.8	59.0	67.7	76.9	97.0	95.6
Transportation						
Energy, Mines and Resources	1.9	2.1	0.8	2.1	2.1	1.8
Fisheries and Oceans	23.1	23.9	31.2	46.8	43.8	63.3
National Research Council	17.3	18.4	26.2	34.0	48.5	51.0
Transport Canada	24.0	16.1	21.7	20.8	24.8	26.4
Canada Transport Commission	2.7	2.8	2.7	3.2	3.4	3.4
Statistics Canada	2.6	3.0	3.1	3.2	3.6	3.9
Others	0.9	1.2	1.5	0.7	0.8	1.4
Total	72.5	67.5	87.2	110.8	127.0	151.2
Other						
Energy, Mines and Resources	30.7	37.8	47.5	54.0	54.4	50.1
Environment	102.3	115.3	127.5	154.4	169.6	181.4
Regional Industrial Expansion	79.1	94.4	131.1	122.0	165.1	161.3
National Research Council	57.2	64.6	88.0	101.5	139.6	154.6
Natural Sciences and Engineering Research Council	—	1.1	2.6	5.4	7.0	8.2
Others	154.9	155.6	181.5	181.5	204.1	232.5
Total	424.2	468.8	578.2	618.8	739.8	788.1

12.6 Federal employees engaged in R&D and RSA in the natural sciences by major department or agency (person years)

Department or agency	1979-80	1980-81	1981-82	1982-83	1983-84	1984-85
R&D						
Agriculture	3,811.0	3,788.0	3,887.0	3,916.0	3,860.0	3,712.0
Atomic Energy of Canada Ltd.	2,206.0	2,260.0	2,340.0	2,451.0	2,495.0	2,526.0
Communications	538.0	559.0	575.0	639.0	613.0	596.0
Energy, Mines and Resources	1,374.0	1,376.0	1,381.0	1,468.0	1,491.0	1,541.0
Environment	1,599.0	1,612.0	1,616.0	1,632.0	1,644.0	1,651.0
Fisheries and Oceans	1,207.0	1,228.0	1,384.0	1,486.0	1,487.0	1,526.0
National Defence	1,760.0	1,730.0	1,795.0	1,776.0	1,783.0	1,814.0
National Health and Welfare	145.0	218.0	227.0	188.0	195.0	187.0
National Research Council	2,437.0	2,404.0	2,435.0	2,715.0	2,767.0	2,817.0
Other	235.0	103.0	112.0	141.0	131.0	138.0
Total	15,312.0	15,278.0	15,752.0	16,412.0	16,466.0	16,508.0
RSA						
Agriculture	219.0	203.0	219.0	218.0	229.0	226.0
Atomic Energy of Canada Ltd.	116.0	134.0	146.0	156.0	157.0	160.0
Energy, Mines and Resources	852.0	862.0	845.0	872.0	853.0	840.0
Environment	3,019.0	2,996.0	2,974.0	2,966.0	2,968.0	2,978.0
Fisheries and Oceans	815.0	815.0	1,042.0	1,027.0	1,040.0	1,062.0
National Defence	30.0	31.0	30.0	29.0	32.0	34.0
National Health and Welfare	867.0	942.0	852.0	975.0	999.0	996.0
National Research Council	584.0	603.0	607.0	499.0	504.0	515.0
Other	820.0	843.0	823.0	776.0	759.0	757.0
Total	7,322.0	7,429.0	7,538.0	7,518.0	7,541.0	7,568.0