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LISTING OF FEDERAL
SCIENTIFIC ESTABLISHMENTS
1979-80

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Listing of Federal Scientific Establishments, 1979-80

This is a list of all federal establishments engaged in activities in the natural sciences and engineering as reported in mid-1980 by departments and agencies of the Federal Government. A scientific establishment is considered to be a unit or group of units, with a budget and at one location, which perform scientific activities.

The sum of the expenditures of the establishments may not equal the total federal intramural scientific expenditures reported in publications of Statistics Canada or the Ministry of State for Science and Technology. However, they should be a reasonable approximation.

This type of listing is meant to serve as an updated inventory base facilitating future surveys, detailed studies or other projects (e.g., directories of scientific establishments, regional scientific activities, etc.). Statistics on the regional performance of scientific activities by other sectors are also available from the Centre.

We would be grateful for notification of errors and omissions, as well as suggestions concerning the questionnaire. The form used in 1980 is reproduced at the end of the listing.

Please forward any comments to:

Bert Plaus,
Project Leader, Public Sector,
Science Statistics Centre,
270 Albert Street, Room 916,
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ABBREVIATIONS

AGR - Agriculture
AECB - Atomic Energy Control Board
AECL - Atomic Energy of Canada Limited
CAL - Canadian Arsenals Limited
CCA - Consumer and Corporate Affairs
CIDA - Canadian International Development Agency
CMHC - Canada Mortgage and Housing Corporation
COMM - Communications
EMR - Energy, Mines and Resources
ENV - Environment
F & O - Fisheries and Oceans
IAND - Indian Affairs and Northern Development
IDRC - International Development Research Centre
ITC - Industry, Trade and Commerce
MRC - Medical Research Council
ND - National Defence
NEB - National Energy Board
NFB - National Film Board
NHW - National Health and Welfare
NM - National Museums
NRC - National Research Council
NSERC - Natural Sciences and Engineering Research Council
PW - Public Works
SLSA - St. Lawrence Seaway Authority
TPT - Transport

R & D - Research and Development
RSA - Related Scientific Activities

TABLE 1. Federal Natural Science Establishments, Staff and Expenditures by Region, 1979-80

Province	Staff			Intramural scientific expenditures		
	Scientific & professional	Other	Total	Current	Capital	Total
	person-years				\$000,000	
British Columbia	438	1,166	1,604	66	4	70
Yukon and North West Territories	20	11	31	1	--	1
Alberta	392	894	1,286	41	3	44
Saskatchewan	196	492	688	21	2	23
Manitoba	399	1,098	1,497	50	3	53
Ontario (excluding Ottawa)	1,300	2,794	4,094	132	13	145
Quebec (excluding Hull)	407	1,115	1,522	47	7	54
New Brunswick	110	279	389	23	1	24
Nova Scotia	385	1,107	1,492	50	16	66
Prince, Edward Island	19	73	92	3	--	3
Newfoundland	103	197	300	15	1	16
National Capital Region	3,404	6,376	9,780	350	37	387
TOTAL	7,173	15,602	22,775	799	87	886

TABLE 2.1 Staff of Federal Natural Science Establishments, by Department or Agency and by Region, 1979-80

Department or agency	B.C.	Alberta	Sask.	Man.	Ontario (excl. Ottawa)	Québec (excl. Hull)	N.B.	N.S.	P.E.I.	Nfld.	N.C.R.	Total (1)
	person-years											
AGR	275	493	380	338	345	333	142	143	92	34	1,314	3,889
AECB	-	-	-	-	-	-	-	-	-	-	7	7
AECL	-	-	-	709	1,584	-	-	-	-	-	50	2,343
CAL	-	-	-	-	-	6	-	-	-	-	-	6
CCA	-	-	-	-	-	-	-	-	-	-	397	397
CIDA	-	-	-	-	-	-	-	-	-	-	16	16
CMHC	-	-	-	-	-	-	-	-	-	-	37	37
COMM	-	-	-	-	-	-	-	-	-	-	538	538
EMR	65	177	1	1	23	-	-	100	-	4	1,868	2,245
ENV	487	442	193	279	1,588	361	134	278	-	56	433	4,267
F & O	519	-	-	145	203	40	113	665	-	202	270	2,157
LAND	-	-	-	-	-	-	-	-	-	-	44	53
IDRC	-	-	-	-	-	-	-	-	-	-	54	54
ITC	-	-	-	-	-	-	-	-	-	-	264	264
MRC	-	-	-	-	-	-	-	-	-	-	40	40
ND	140	171	-	-	241	630	-	208	-	-	445	1,835
NEB	-	-	-	-	-	-	-	-	-	-	47	47
NFB	-	-	-	-	-	16	-	-	-	-	-	16
NHW	26	3	-	22	73	52	-	15	-	2	688	881
NM	-	-	-	-	-	-	-	-	-	-	329	329
NRC	92	-	114	3	37	27	-	83	-	2	2,749	3,107
NSERC	-	-	-	-	-	-	-	-	-	-	61	61
PW	-	-	-	-	-	-	-	-	-	-	52	52
SLSA	-	-	-	-	-	-	-	-	-	-	-	-
TPT	-	-	-	-	-	57	-	-	-	-	77	134
TOTAL	1,604	1,286	688	1,497	4,094	1,522	389	1,492	92	300	9,780	22,775

(1) Includes Yukon and North West Territories

TABLE 2.2 Intramural Scientific Expenditures of Federal Natural Science Establishments, by Department or Agency, and by Region, 1979-80

Department or agency	B.C.	Alberta	Sask.	Man.	Ontario (excl. Ottawa)	Québec (excl. Hull)	N.B.	N.S.	P.E.I.	Nfld.	N.C.R.	Total (1)
	\$000,000											
AGR	9	16	11	11	11	10	5	16	3	1	39	132
AECB	--	--	--	--	--	--	--	--	--	--	--	--
AECL	--	--	--	23	44	--	--	--	--	--	2	69
CAL	--	--	--	--	--	--	--	--	--	--	--	--
CCA	--	--	--	--	--	--	--	--	--	--	11	11
CIDA	--	--	--	--	--	--	--	--	--	--	1	1
CMHC	--	--	--	--	--	--	--	--	--	--	2	2
COMM	--	--	--	--	--	--	--	--	--	--	38	38
EMR	3	7	1	--	1	--	--	4	--	--	71	87
ENV	21	14	7	11	69	13	3	9	--	2	18	168
F & O	28	--	--	5	9	2	16	26	--	13	5	104
IAND	--	--	--	--	--	--	--	--	--	--	1	1
IDRC	--	--	--	--	--	--	--	--	--	--	2	2
ITC	--	--	--	--	--	--	--	--	--	--	6	6
MRC	--	--	--	--	--	--	--	--	--	--	1	1
ND	4	7	--	--	8	22	--	7	--	--	16	64
NEB	--	--	--	--	--	--	--	--	--	--	1	1
NFB	--	--	--	--	--	1	--	--	--	--	--	1
NHW	1	--	--	1	2	1	--	--	--	--	22	27
NM	--	--	--	--	--	--	--	--	--	--	14	14
NRC	4	--	4	2	1	1	--	4	--	--	122	138
NSERC	--	--	--	--	--	--	--	--	--	--	2	2
PW	--	--	--	--	--	--	--	--	--	--	3	3
SLSA	--	--	--	--	--	--	--	--	--	--	1	1
TPT	--	--	--	--	--	4	--	--	--	--	9	13
TOTAL	70	44	23	53	145	54	24	66	3	16	387	886

(1) Includes Yukon and North West Territories.

-- Amount too small to be expressed.

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CCA	-	-	-	-	-	-	-	-	-	-	397	397
CIDA	-	-	-	-	-	-	-	-	-	-	16	16
CMHC	-	-	-	-	-	-	-	-	-	-	37	37
COMM	-	-	-	-	-	-	-	-	-	-	538	538
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F & O	519	-	-	145	203	40	113	665	-	202	270	2,157
LAND	-	-	-	-	-	-	-	-	-	-	44	53
IDRC	-	-	-	-	-	-	-	-	-	-	54	54
ITC	-	-	-	-	-	-	-	-	-	-	264	264
MRC	-	-	-	-	-	-	-	-	-	-	40	40
ND	140	171	-	-	241	630	-	208	-	-	445	1,835
NEB	-	-	-	-	-	-	-	-	-	-	47	47
NFB	-	-	-	-	-	16	-	-	-	-	-	16
NHW	26	3	-	22	73	52	-	15	-	2	688	881
NM	-	-	-	-	-	-	-	-	-	-	329	329
NRC	92	-	114	3	37	27	-	83	-	2	2,749	3,107
NSERC	-	-	-	-	-	-	-	-	-	-	61	61
PW	-	-	-	-	-	-	-	-	-	-	52	52
SLSA	-	-	-	-	-	-	-	-	-	-	-	-
TPT	-	-	-	-	-	57	-	-	-	-	77	134
TOTAL	1,604	1,286	688	1,497	4,094	1,522	389	1,492	92	300	9,780	22,775

(1) Includes Yukon and North West Territories

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\$000,000												
AGR	9	16	11	11	11	10	5	16	3	1	39	132
AECB	-	-	-	-	-	-	-	-	-	-	-	-
AECL	-	-	-	23	44	-	-	-	-	-	2	69
CAL	-	-	-	-	-	-	-	-	-	-	-	-
CCA	-	-	-	-	-	-	-	-	-	-	11	11
CIDA	-	-	-	-	-	-	-	-	-	-	1	1
CMHC	-	-	-	-	-	-	-	-	-	-	2	2
COMM	-	-	-	-	-	-	-	-	-	-	38	38
EMR	3	7	1	-	1	-	-	4	-	-	71	87
ENV	21	14	7	11	69	13	3	9	-	2	18	168
F & O	28	-	-	5	9	2	16	26	-	13	5	104
IAND	-	-	-	-	-	-	-	-	-	-	1	1
IDRC	-	-	-	-	-	-	-	-	-	-	2	2
ITC	-	-	-	-	-	-	-	-	-	-	6	6
MRC	-	-	-	-	-	-	-	-	-	-	1	1
ND	4	7	-	-	8	22	-	7	-	-	16	64
NEB	-	-	-	-	-	-	-	-	-	-	1	1
NFB	-	-	-	-	-	1	-	-	-	-	-	1
NHW	1	-	-	1	2	1	-	-	-	-	22	27
NM	-	-	-	-	-	-	-	-	-	-	14	14
NRC	4	-	4	2	1	1	-	4	-	-	122	138
NSERC	-	-	-	-	-	-	-	-	-	-	2	2
PW	-	-	-	-	-	-	-	-	-	-	3	3
SLSA	-	-	-	-	-	-	-	-	-	-	1	1
TPT	-	-	-	-	-	4	-	-	-	-	9	13
TOTAL	70	44	23	53	145	54	24	66	3	16	387	886

(1) Includes Yukon and North West Territories.

-- Amount too small to be expressed.

TABLE 3.1 Federal Natural Science Establishments in British Columbia, Staff and Expenditures, by Department or Agency, by Program and by Activity, 1979-80

Department or agency and program	Staff			Intramural scientific expenditures			Activity	
	Scientific & professional	Other	Total	Current	Capital	Total	R & D	R.S.A.
	person-years			\$000,000			%	
AGRICULTURE	72	203	275	8.5	0.4	8.9	99	1
<u>Administration</u>	5	1	6	0.1	-	0.1		100
Summerland	1	-	1	--	-	--		100
Sidney	1	-	1	--	-	--		100
Vancouver	3	1	4	0.1	-	0.1		100
<u>Research</u>	66	199	265	8.3	0.4	8.7	100	
Agassiz	11	43	54	1.8	0.1	1.9	100	
Kamloops	5	23	28	0.8	--	0.8	100	
Prince George	2	11	13	0.4	--	0.4	100	
Sidney	6	19	25	0.7	0.1	0.8	100	
Summerland	22	70	92	2.8	0.1	2.9	100	
Vancouver	20	33	53	1.8	0.1	1.9	100	
<u>Food Production & Inspection</u>	1	3	4	0.1	--	0.1	100	
Vancouver	1	3	4	0.1	--	0.1	100	
ENERGY, MINES & RESOURCES	40	25	65	2.4	0.2	2.6	77	23
<u>Earth Sciences</u>	40	25	65	2.4	0.2	2.6	77	23
Penticton	-	1	1	--	-	--	60	40
Sidney	12	8	20	0.6	0.1	0.7	60	40
Vancouver	28	16	44	1.8	0.1	1.9	83	17

TABLE 3.1 Federal Natural Science Establishments in British Columbia, Staff and Expenditures, by Department or Agency, by Program and by Activity, 1979-80 - continued

Department or agency and program	Staff			Intramural scientific expenditures			Activity	
	Scientific & professional person-years	Other	Total	Current \$000,000	Capital	Total	R & D %	R.S.A.
ENVIRONMENT	138	349	487	20.7	0.8	21.5	16	84
<u>Atmospheric Environment</u>	30	158	188	12.0	0.1	12.1		100
Vancouver	30	158	188	12.0	0.1	12.1		100
<u>Environment Conservation</u>	48	90	138	4.3	0.6	4.9	7	93
Vancouver	24	79	103	3.1	0.5	3.6	10	90
Delta	24	11	35	1.2	0.1	1.3		100
<u>Canadian Forestry Services</u>	54	101	155	4.2	0.1	4.3	70	30
Victoria	54	101	155	4.2	0.1	4.3	70	30
<u>Parks Canada</u>	6	-	6	0.2	--	0.2		100
Pacific Rim	2	-	2	0.1	-	0.1		100
Kootenay	2	-	2	0.1	-	0.1		100
Mt. Revelstoke	1	-	1	--	--	--		100
Yoho	1	-	1	--	--	--		100
FISHERIES & OCEANS	84	435	519	26.4	1.4	27.8	44	56
Nanaimo	30	150	180	5.0	0.1	5.1	40	60
Sidney	38	253	291	20.0	1.2	21.2	45	55
West Vancouver	8	12	20	0.7	0.1	0.8	45	55
Vancouver	8	20	28	0.7	-	0.7	50	50

TABLE 3.1 Federal Natural Science Establishments in British Columbia, Staff and Expenditures, by Department or Agency, by Program and by Activity, 1979-80 - concluded

Department or agency and program	Staff			Intramural scientific expenditures			Activity	
	Scientific & professional person-years	Other	Total	Current \$000,000	Capital	Total	R & D %	R.S.A.
NATIONAL DEFENCE	52	88	140	4.5	--	4.5	100	
Esquimalt	52	88	140	4.5	--	4.5	100	
NATIONAL HEALTH & WELFARE	12	14	26	0.7	--	0.7		100
<u>Health Protection</u>	12	14	26	0.7	--	0.7		100
Vancouver	11	14	25	0.7	--	0.7		100
Victoria	1	-	1	--	-	--		100
NATIONAL RESEARCH COUNCIL	40	52	92	3.2	0.5	3.7	97	3
<u>Scientific & Industrial Research</u>	40	52	92	3.2	0.5	3.7	97	3
Penticton	9	11	20	0.7	0.1	0.8	100	
Revelstoke	1	3	4	0.1	--	0.1	100	
Vancouver	6	12	18	0.6	0.1	0.7	87	13
Victoria	24	26	50	1.8	0.3	2.1	100	
TOTAL	438	1,166	1,604	66.4	3.3	69.7	50	50

TABLE 3.2 Federal Natural Science Establishments in Yukon and North West Territories, Staff and Expenditures, by Department or Agency, by Program and by Activity, 1979-80

Department or agency and program	Staff			Intramural scientific expenditures			Activity	
	Scientific & professional person-years	Other	Total	Current \$000,000	Capital	Total	R & D %	R.S.A.
ENERGY, MINES & RESOURCES	-	6	6	0.3	-	0.3		100
<u>Earth Sciences</u>	-	6	6	0.3	-	0.3		100
Alert	-	1	1	0.1	-	0.1		100
Mould Bay	-	1	1	0.1	-	0.1		100
Resolute	-	1	1	-	-	-		100
Yellowknife	-	3	3	0.1	-	0.1		100
ENVIRONMENT	16	-	16	0.6	--	0.6		100
<u>Environment Conservation</u>	16	-	16	0.6	--	0.6		100
Yellowknife	16	-	16	0.6	--	0.6		100
INDIAN AFFAIRS & NORTHERN DEVELOPMENT	4	5	9	0.3	--	0.3	100	
Igloolik	2	2	4	0.1	--	0.1	100	
Inuvik	2	3	5	0.2	--	0.2	100	
TOTAL	20	11	31	1.2	--	1.2	29	71

TABLE 3.3 Federal Natural Science Establishments in Alberta, Staff and Expenditures, by Department or Agency, by Program and by Activity, 1979-80

Department or agency and program	Staff			Intramural scientific expenditures			Activity	
	Scientific & professional	Other	Total	Current	Capital	Total	R & D	R.S.A.
	person-years			\$000,000			%	
AGRICULTURE	116	377	493	15.4	0.8	16.2	99	1
<u>Administration</u>	2	2	4	0.1	-	0.1		100
Lethbridge	2	2	4	0.1	-	0.1		100
<u>Research</u>	104	357	461	14.3	0.7	15.0	100	
Beaverlodge	14	46	60	1.5	0.1	1.6	100	
Fort Vermillion	1	9	10	0.3	-	0.3	100	
Lacombe	19	70	89	3.0	0.1	3.1	100	
Lethbridge	70	232	302	9.5	0.5	10.0	100	
<u>Food Production & Inspection</u>	10	18	28	1.0	0.1	1.1	100	
Lethbridge	10	18	28	1.0	0.1	1.1	100	
ENERGY, MINES & RESOURCES	87	90	177	6.6	0.3	6.9	87	13
<u>Earth Sciences</u>	58	71	129	4.7	0.2	4.9	82	18
Calgary	56	70	126	4.6	0.2	4.8	83	17
Meanook	1	-	1	--	-	-		100
Priddis	1	1	2	0.1	-	0.1	10	90
<u>Energy</u>	29	19	48	1.9	0.1	2.0	100	
Calgary	21	5	26	1.2	--	1.2	100	
Edmonton	8	14	22	0.7	0.1	0.8	100	

TABLE 3.3 Federal Natural Science Establishments in Alberta, Staff and Expenditures, by Department or Agency, by Program and by Activity, 1979-80 - concluded

Department or agency and program	Staff			Intramural scientific expenditures			Activity	
	Scientific & professional	Other	Total	Current	Capital	Total	R & D	R.S.A.
	person-years			\$000,000			%	
ENVIRONMENT	140	302	442	14.3	0.2	14.5	31	69
<u>Atmospheric Environment</u>	50	229	279	9.3	0.1	9.4		100
Edmonton	50	229	279	9.3	0.1	9.4		100
<u>Environment Conservation</u>	36	1	37	1.5	--	1.5	75	25
Edmonton	36	1	37	1.5	--	1.5	75	25
<u>Canadian Forestry Services</u>	46	72	118	3.3	0.1	3.4	100	
Edmonton	46	72	118	3.3	0.1	3.4	100	
<u>Parks Canada</u>	8	-	8	0.2	-	0.2		100
Banff	4	-	4	0.1	-	0.1		100
Elk Island	1	-	1	--	-	--		100
Jasper	1	-	1	--	-	--		100
Waterton	2	-	2	0.1	-	0.1		100
NATIONAL DEFENCE	47	124	171	4.9	1.8	6.7	100	
Ralston	47	124	171	4.9	1.8	6.7	100	
NATIONAL HEALTH & WELFARE	2	1	3	0.1	-	0.1	100	
<u>Medical Services</u>	2	1	3	0.1	-	0.1	100	
Edmonton	2	1	3	0.1	-	0.1	100	
TOTAL	392	894	1,286	41.3	3.1	44.4	75	25

TABLE 3.4 Federal Natural Science Establishments in Saskatchewan, Staff and Expenditures, by Department or Agency, by Program and by Activity, 1979-80

Department or agency and program	Staff			Intramural scientific expenditures			Activity	
	Scientific & professional	Other	Total	Current	Capital	Total	R & D	R.S.A.
	person-years			\$000,000			%	
AGRICULTURE	95	285	380	10.8	0.6	11.4	93	7
<u>Administration</u>	3	2	5	0.1	-	0.1		100
Regina	-	1	1	--	-	--		100
Saskatoon	2	1	3	--	-	--		100
Swift Current	1	-	1	--	-	--		100
<u>Research</u>	90	283	373	10.6	0.6	11.2	94	6
Indian Head	2	21	23	0.5	--	0.5	100	
Melfort	11	34	45	1.2	0.1	1.3	100	
Regina	14	34	48	1.4	0.1	1.5	100	
Saskatoon	37	99	136	4.2	0.3	4.5	85	15
Swift Current	26	95	121	3.3	0.1	3.4	100	
<u>Food Production & Inspection</u>	2	-	2	0.1	-	0.1	100	
Saskatoon	2	-	2	0.1	-	0.1	100	
ENERGY, MINES & RESOURCES	1	-	1	0.5	0.6	1.1	100	
<u>Earth Sciences</u>	1	-	1	0.5	0.6	1.1	100	
Prince Albert	1	-	1	0.5	0.6	1.1	100	

TABLE 3.4 Federal Natural Science Establishments in Saskatchewan, Staff and Expenditures, by Department or Agency, by Program and by Activity, 1979-80 - concluded

Department or agency and program	Staff			Intramural scientific expenditures			Activity	
	Scientific & professional	Other	Total	Current	Capital	Total	R & D	R.S.A.
	person-years			\$000,000			%	
ENVIRONMENT	54	139	193	6.3	0.6	6.9	4	96
<u>Environment Conservation</u>	54	139	193	6.3	0.6	6.9	4	96
Regina	32	135	167	5.4	0.6	6.0	5	95
Saskatoon	21	2	23	0.7	--	0.7	100	
Webb	1	2	3	0.2	--	0.2	100	
NATIONAL RESEARCH COUNCIL	46	68	114	3.4	0.6	4.0	91	9
<u>Scientific & Industrial Research</u>	46	68	114	3.4	0.6	4.0	91	9
Saskatoon	46	68	114	3.4	0.6	4.0	91	9
TOTAL	196	492	688	21.0	2.4	23.4	67	33

TABLE 3.5 Federal Natural Science Establishments in Manitoba, Staff and Expenditures, by Department or Agency, by Program and by Activity, 1979-80

Department or agency and program	Staff			Intramural scientific expenditures			Activity	
	Scientific & professional person-years	Other	Total	Current \$000,000	Capital	Total	R & D %	R.S.A.
AGRICULTURE	91	247	338	10.6	0.4	11.0	85	15
<u>Administration</u>	2	2	4	0.1	-	0.1		100
Winnipeg	2	2	4	0.1	-	0.1		100
<u>Canadian Grain Commission</u>	18	67	85	2.9	0.1	3.0	48	52
Winnipeg	18	67	85	2.9	0.1	3.0	48	52
<u>Research</u>	71	178	249	7.6	0.3	7.9	100	
Brandon	13	61	74	2.3	0.1	2.4	100	
Morden	16	41	57	1.6	0.1	1.7	100	
Winnipeg	42	76	118	3.7	0.1	3.8	100	
ATOMIC ENERGY OF CANADA LTD.	206	503	709	20.8	2.3	23.1	94	6
Pinawa	206	503	709	20.8	2.3	23.1	94	6
ENERGY, MINES & RESOURCES	-	1	1	--	-	--		100
<u>Earth Sciences</u>	-	1	1	--	-	--		100
Flin Flon	-	1	1	--	-	--		100

TABLE 3.5 Federal Natural Science Establishments in Manitoba, Staff and Expenditures, by Department or Agency, by Program and by Activity, 1979-80 - concluded

Department or agency and program	Staff			Intramural scientific expenditures			Activity	
	Scientific & professional person-years	Other	Total	Current \$000,000	Capital	Total	R & D %	R.S.A.
ENVIRONMENT	47	232	279	11.3	0.2	11.5	1	99
<u>Atmospheric Environment</u>	40	232	272	11.1	0.2	11.3		100
Winnipeg	40	232	272	11.1	0.2	11.3		100
<u>Environment Conservation</u>	7	-	7	0.2	--	0.2	25	75
Winnipeg	7	-	7	0.2	--	0.2	25	75
FISHERIES & OCEANS	45	100	145	4.9	0.3	5.2	45	55
Winnipeg	45	100	145	4.9	0.3	5.2	45	55
NATIONAL HEALTH & WELFARE	9	13	22	0.6	--	0.6		100
<u>Health Protection</u>	9	13	22	0.6	--	0.6		100
Winnipeg	9	13	22	0.6	--	0.6		100
NATIONAL RESEARCH COUNCIL	1	2	3	1.8	0.1	1.9	98	2
<u>Scientific & Industrial Research</u>	1	2	3	1.8	0.1	1.9	98	2
Gimli	-	1	1	1.7	0.1	1.9	100	
Thompson	-	1	1	0.1	-	1.8	100	
Winnipeg	1	-	1	--	-	0.1		100
TOTAL	399	1,098	1,497	50.0	3.3	53.3	66	34

TABLE 3.6 Federal Natural Science Establishments in Ontario (excluding Ottawa), Staff and Expenditures, by Department or Agency, by Program and by Activity, 1979-80

Department or agency and program	Staff			Intramural scientific expenditures			Activity	
	Scientific & professional person-years	Other	Total	Current \$000,000	Capital	Total	R & D %	R.S.A.
AGRICULTURE	92	253	345	10.5	0.5	11.0	99	1
<u>Administration</u>	3	2	5	0.1	-	0.1		100
Harrow	1	-	1	-	-	-		100
London	2	1	3	0.1	-	0.1		100
Vineland	-	1	1	-	-	-		100
<u>Research</u>	88	251	339	10.4	0.5	10.9	100	
Delhi	10	31	41	1.2	0.1	1.3	100	
Harrow	32	85	117	3.5	0.1	3.6	100	
Kapskasing	1	22	23	0.7	0.1	0.8	100	
London	25	49	74	2.3	0.1	2.4	100	
Thunder Bay	-	6	6	0.2	-	0.2	100	
Trenton	2	22	24	0.7	-	0.7	100	
Vineland Station	18	36	54	1.8	0.1	1.9	100	
<u>Food Production & Inspection</u>	1	-	1	-	-	-	100	
Guelph	1	-	1	-	-	-	100	
ATOMIC ENERGY OF CANADA LTD.	415	1,169	1,584	39.5	4.0	43.5	95	5
Chalk River	415	1,169	1,584	39.5	4.0	43.5	95	5

TABLE 3.6 Federal Natural Science Establishments in Ontario (excluding Ottawa), Staff and Expenditures, by Department or Agency, by Program and by Activity, 1979-80 - continued

Department or agency and program	Staff			Intramural scientific expenditures			Activity	
	Scientific & professional person-years	Other	Total	Current \$000,000	Capital	Total	R & D %	R.S.A.
ENERGY, MINES & RESOURCES	13	10	23	0.7	--	0.7	100	
<u>Energy</u>	1	-	1	--	-	--	100	
Elliot Lake	1	-	1	--	-	--	100	
<u>Minerals</u>	12	10	22	0.7	--	0.7	100	
Elliot Lake	12	10	22	0.7	--	0.7	100	
ENVIRONMENT	658	930	1,588	64.3	5.3	69.6	20	80
<u>Atmospheric Environment</u>	441	711	1,152	51.0	4.3	55.3	9	91
Toronto	30	143	173	5.0	0.1	5.1		100
Downsview	411	568	979	46.0	4.2	50.2	10	90
<u>Environment Conservation</u>	93	67	160	5.5	0.4	5.9	41	59
Burlington	93	67	160	5.5	0.4	5.9	41	59
<u>Environment Protection</u>	25	20	45	1.4	0.2	1.6	80	20
Burlington	25	20	45	1.4	0.2	1.6	80	20
<u>Canadian Forestry Services</u>	99	132	231	6.4	0.4	6.8	75	25
Chalk River	23	5	28	0.9	0.2	1.1	75	25
Saulte Ste. Marie	76	127	203	5.5	0.2	5.7	75	25
FISHERIES & OCEANS	37	166	203	6.7	2.0	8.7	45	55
Burlington	37	166	203	6.7	2.0	8.7	45	55

TABLE 3.6 Federal Natural Science Establishments in Ontario (excluding Ottawa), Staff and Expenditures, by Department or Agency, by Program and by Activity, 1979-80 - concluded

Department or agency and program	Staff			Intramural scientific expenditures			Activity	
	Scientific & professional person-years	Other	Total	Current \$000,000	Capital	Total	R & D %	R.S.A.
NATIONAL DEFENCE	43	198	241	6.5	1.2	7.7	100	
Downsview	43	198	241	6.5	1.2	7.7	100	
NATIONAL HEALTH & WELFARE	32	41	73	2.0	--	2.0		100
<u>Health Protection</u>	32	41	73	2.0	--	2.0		100
Scarborough	31	41	72	1.9	--	1.9		100
Toronto	1	-	1	0.1	--	0.1		100
NATIONAL RESEARCH COUNCIL	10	27	37	1.3	0.2	1.5	81	19
<u>Scientific & Industrial Research</u>	10	27	37	1.3	0.2	1.5	81	19
Don Mills	4	1	5	0.2	-	0.2		100
Kingston	1	-	1	-	-	-		100
Lake Traverse	2	21	23	0.8	0.1	0.9	100	
London	1	-	1	--	-	--		100
Thorold	1	-	1	0.1	-	0.1		100
Toronto	1	5	6	0.2	0.1	0.3	100	
TOTAL	1,300	2,794	4,094	131.5	13.2	144.7	55	45

TABLE 3.7 Federal Natural Science Establishments in Quebec (excluding Hull), Staff and Expenditures, by Department or Agency, by Program and by Activity, 1979-80

Department or agency and program	Staff			Intramural scientific expenditures			Activity	
	Scientific & professional	Other	Total	Current	Capital	Total	R & D	R.S.A.
	person-years			\$000,000			%	
AGRICULTURE	69	264	333	9.6	0.5	10.1	94	6
<u>Administration</u>	2	1	3	0.1	-	0.1		100
Ste. Foy	1	1	2	0.1	-	0.1		100
St. Jean	1	-	1	--	-	--		100
<u>Research</u>	66	261	327	9.4	0.5	9.9	94	6
Kamouraska	4	36	40	1.0	--	1.0	100	
L'Assomption	5	24	29	0.7	0.1	0.8	100	
Lennoxville	13	67	80	2.3	0.1	2.4	100	
Normandin	2	22	24	0.6	--	0.6	100	
Québec	1	18	19	0.6	--	0.6		100
Ste. Foy	22	47	69	2.3	0.1	2.4	100	
St. Jean	19	47	66	1.9	0.2	2.1	100	
<u>Food Production & Inspection</u>	1	2	3	0.1	-	0.1	100	
St.-Hyacinthe	1	2	3	0.1	-	0.1	100	
CANADIAN ARSENALS LTD.	4	2	6	0.1	-	0.1	88	12
St. Paul l'Ermite	4	2	6	0.1	-	0.1	88	12

TABLE 3.7 Federal Natural Science Establishments in Quebec (excluding Hull), Staff and Expenditures, by Department or Agency, by Program and by Activity, 1979-80 - continued

Department or agency and program	Staff			Intramural scientific expenditures			Activity	
	Scientific & professional	Other	Total	Current	Capital	Total	R & D	R.S.A.
	person-years			\$000,000			%	
ENVIRONMENT	89	272	361	12.3	0.3	12.6	21	79
<u>Environment Conservation</u>	16	17	33	1.0	--	1.0		100
Ste.-Foy	16	17	33	1.0	--	1.0		100
<u>Atmospheric Environment</u>	35	174	209	7.9	0.1	8.0		100
Ville St. Laurent	35	174	209	7.9	0.1	8.0		100
<u>Canadian Forestry Services</u>	38	81	119	3.4	0.1	3.5	75	25
Ste.-Foy	38	81	119	3.4	0.1	3.5	75	25
FISHERIES & OCEANS	15	25	40	1.8	0.1	1.9	45	55
Ste. Anne de Bellevue	15	25	40	1.8	0.1	1.9	45	55
NATIONAL DEFENCE	129	501	630	19.5	2.6	22.1	100	
Courcellette	129	501	630	19.5	2.6	22.1	100	
NATIONAL HEALTH & WELFARE	24	28	52	1.4	--	1.4		100
<u>Health Protection</u>	24	28	52	1.4	--	1.4		100
Longueuil	23	28	51	1.4	--	1.4		100
Quebec	1	-	1	--	-	--		100

TABLE 3.7 Federal Natural Science Establishments in Quebec (excluding Hull), Staff and Expenditures, by Department or Agency, by Program and by Activity, 1979-80 - concluded

Department or agency and program	Staff			Intramural scientific expenditures			Activity	
	Scientific & professional	Other	Total	Current	Capital	Total	R & D	R.S.A.
	person-years			\$000,000			%	
NATIONAL FILM BOARD	6	10	16	0.5	--	0.5	60	40
Montreal	6	10	16	0.5	--	0.5	60	40
NATIONAL RESEARCH COUNCIL	17	10	27	0.9	0.2	1.1	67	33
<u>Scientific & Industrial Research</u>	17	10	27	0.9	0.2	1.1	67	33
Montreal	15	8	23	0.8	0.2	1.0	76	24
Quebec	2	2	4	0.1	-	0.1		100
TRANSPORT	54	3	57	0.8	3.6	4.4	17	83
<u>Administration</u>	54	1	55	0.6	0.1	0.7	86	14
Montreal	54	1	55	0.6	0.1	0.7	86	14
<u>Marine</u>	-	2	2	0.2	-	0.2	100	
Lasalle	-	2	2	0.2	-	0.2	100	
<u>Surface</u>	-	-	-	-	3.5	3.5		100
Blainville	-	-	-	-	3.5	3.5		100
TOTAL	407	1,115	1,522	46.9	7.3	54.2	68	32

TABLE 3.8 Federal Natural Science Establishments in New Brunswick, Staff and Expenditures, by Department or Agency, by Program and by Activity, 1979-80

Department or agency and program	Staff			Intramural scientific expenditures			Activity	
	Scientific & professional	Other	Total	Current	Capital	Total	R & D	R.S.A.
	person-years			\$000,000			%	
AGRICULTURE	35	107	142	4.3	0.2	4.5	98	2
<u>Administration</u>	2	1	3	0.1	-	0.1		100
Fredericton	2	1	3	0.1	-	0.1		100
<u>Research</u>	28	99	127	3.9	0.2	4.1	100	
Buctouche	1	-	1	-	0.1	0.1	100	
Fredericton	27	99	126	3.9	0.1	4.0	100	
<u>Food Production & Inspection</u>	5	7	12	0.3	--	0.3	100	
Sackville	5	7	12	0.3	--	0.3	100	
ENVIRONMENT	38	96	134	3.4	0.1	3.5	63	37
<u>Canadian Forestry Services</u>	38	96	134	3.4	0.1	3.5	63	37
Fredericton	38	96	134	3.4	0.1	3.5	63	37
FISHERIES & OCEANS	37	76	113	15.7	0.2	15.9	60	40
St. Andrews	37	76	113	15.7	0.2	15.9	60	40
TOTAL	110	279	389	23.4	0.5	23.9	68	32

TABLE 3.9 Federal Natural Science Establishments in Nova Scotia, Staff and Expenditures, by Department or Agency, by Program and by Activity, 1979-80

Department or agency and program	Staff			Intramural scientific expenditures			Activity	
	Scientific & professional person-years	Other	Total	Current \$000,000	Capital	Total	R & D %	R.S.A.
AGRICULTURE	32	111	143	4.2	12.0	16.2	100	
<u>Administration</u>	1	1	2	--	-	--		100
Kentville	1	1	2	--	-	--		100
<u>Research</u>	31	110	141	4.2	12.0	16.2	100	
Kentville	28	78	106	3.2	11.9	15.1	100	
Nappan	3	32	35	1.0	0.1	1.1	100	
ENERGY, MINES & RESOURCES	55	45	100	4.0	0.4	4.4	83	17
<u>Earth Sciences</u>	51	44	95	4.0	0.4	4.4	83	17
Dartmouth	51	44	95	4.0	0.4	4.4	83	17
<u>Energy</u>	4	1	5	0.1	-	0.1	100	
Dartmouth	1	-	1	--	-	--	100	
Sydney	3	1	4	0.1	-	0.1	100	
ENVIRONMENT	55	223	278	8.3	0.2	8.5		100
<u>Atmospheric Environment</u>	44	194	238	7.3	0.1	7.4		100
Bedford	44	194	238	7.3	0.1	7.4		100
<u>Environment Conservation</u>	11	29	40	1.0	0.1	1.1		100
Halifax	11	29	40	1.0	0.1	1.1		100

TABLE 3.9 Federal Natural Science Establishments in Nova Scotia, Staff and Expenditures, by Department or Agency, by Program and by Activity, 1979-80 - concluded

Department or agency and program	Staff			Intramural scientific expenditures			Activity	
	Scientific & professional person-years	Other	Total	Current \$000,000	Capital	Total	R & D %	R.S.A.
FISHERIES & OCEANS	135	530	665	24.2	1.9	26.1	44	56
Dartmouth	112	494	606	21.6	1.8	23.4	45	55
Halifax	23	36	59	2.6	0.1	2.7	40	60
NATIONAL DEFENCE	63	145	208	6.0	1.0	7.0	100	
Dartmouth	63	145	208	6.0	1.0	7.0	100	
NATIONAL HEALTH & WELFARE	6	9	15	0.4	—	0.4		100
<u>Health Protection</u>	6	9	15	0.4	—	0.4		100
Halifax	6	9	15	0.4	—	0.4		100
NATIONAL RESEARCH COUNCIL	39	44	83	3.2	0.4	3.6	96	4
<u>Scientific & Industrial Research</u>	39	44	83	3.2	0.4	3.6	96	4
Halifax	39	44	83	3.2	0.4	3.6	96	4
TOTAL	385	1,107	1,492	50.4	15.9	66.3	63	37

TABLE 3.10 Federal Natural Science Establishments in Prince Edward Island, Staff and Expenditures, by Department or Agency, by Program and by Activity, 1979-80

Department or agency and program	Staff			Intramural scientific expenditures			Activity	
	Scientific & professional person-years	Other	Total	Current \$000,000	Capital	Total	R & D %	R.S.A.
AGRICULTURE	19	73	92	2.7	0.1	2.8	99	1
<u>Administration</u>	1	1	2	--	-	--		100
Charlottetown	1	1	2	--	-	--		100
<u>Research</u>	18	72	90	2.7	0.1	2.8	100	
Charlottetown	18	72	90	2.7	0.1	2.8	100	
TOTAL	19	73	92	2.7	0.1	2.8	99	1

TABLE 3.11 Federal Natural Science Establishments in Newfoundland, Staff and Expenditures, by Department or Agency, by Program and by Activity, 1979-80

Department or agency and program	Staff			Intramural scientific expenditures			Activity	
	Scientific & professional person-years	Other	Total	Current \$000,000	Capital	Total	R & D %	R.S.A.
AGRICULTURE	6	28	34	0.9	--	0.9	100	
<u>Research</u>	6	28	34	0.9	--	0.9	100	
St. John's	6	28	34	0.9	--	0.9	100	
ENERGY, MINES & RESOURCES	-	4	4	0.2	--	0.2	100	
<u>Earth Sciences</u>	-	4	4	0.2	--	0.2	100	
Shoe Cove	-	4	4	0.2	--	0.2	100	
ENVIRONMENT	25	31	56	1.5	0.1	1.6	70	30
<u>Canadian Forestry Services</u>	25	31	56	1.5	0.1	1.6	70	30
St. John's	25	31	56	1.5	0.1	1.6	70	30
FISHERIES & OCEANS	69	133	202	11.8	0.4	12.2	45	55
St. John's	69	133	202	11.8	0.4	12.2	45	55
NATIONAL HEALTH & WELFARE	2	-	2	0.1	-	0.1		100
<u>Health Protection</u>	2	-	2	0.1	-	0.1		100
St. John's	2	-	2	0.1	-	0.1		100
NATIONAL RESEARCH COUNCIL	1	1	2	0.1	0.3	0.4	87	13
<u>Scientific & Industrial Research</u>	1	1	2	0.1	0.3	0.4	87	13
St. John's	1	1	2	0.1	0.3	0.4	87	13
TOTAL	103	197	300	14.6	0.8	15.4	53	47

TABLE 3.12 Federal Natural Science Establishments in the National Capital Region, Staff and Expenditures, by Department or Agency, by Program and by Activity, 1979-80

Department or agency and program	Staff			Intramural scientific expenditures			Activity	
	Scientific & professional	Other	Total	Current	Capital	Total	R & D	R.S.A.
	person-years			\$000,000			%	
AGRICULTURE	335	979	1,314	37.6	1.3	38.9	91	9
<u>Administration</u>	16	44	60	1.9	-	1.9		100
<u>Research</u>	283	873	1,156	33.0	1.0	34.0	95	5
<u>Food Production & Inspection</u>	36	62	98	2.7	0.3	3.0	100	
ATOMIC ENERGY CONTROL BOARD	6	1	7	0.2	-	0.2	100	
ATOMIC ENERGY OF CANADA LTD.	24	26	50	2.0	-	2.0	100	
CANADIAN INTERNATIONAL DEVELOPMENT AGENCY	-	16	16	0.5	-	0.5	26	74
CANADIAN MORTGAGE & HOUSING CORPORATION	10	27	37	1.6	-	1.6	65	35
COMMUNICATIONS	195	343	538	21.8	15.7	37.5	100	
CONSUMER & CORPORATE AFFAIRS	212	185	397	9.9	0.6	10.5		100
<u>Consumer Affairs</u>	35	11	46	1.6	0.4	2.0		100
<u>Intellectual Property</u>	177	174	351	8.3	0.2	8.5		100
ENERGY, MINES & RESOURCES	652	1,216	1,868	67.0	3.7	70.7	71	29
<u>Earth Sciences</u>	390	794	1,184	45.8	2.2	48.0	59	41
<u>Energy</u>	117	196	313	10.0	1.2	11.2	97	3
<u>Minerals</u>	145	226	371	11.2	0.3	11.5	98	2

TABLE 3.12 Federal Natural Science Establishments in the National Capital Region, Staff and Expenditures, by Department or Agency, by Program and by Activity, 1979-80 - continued

Department or agency and program	Staff			Intramural scientific expenditures			Activity	
	Scientific & professional person-years	Other	Total	Current \$000,000	Capital	Total	R & D %	R.S.A.
ENVIRONMENT	246	187	433	17.2	1.2	18.4	50	50
<u>Environment Administration</u>	12	33	45	1.3	-	1.3	32	68
<u>Environment Conservation</u>	145	68	213	8.9	0.3	9.2	52	48
<u>Atmospheric Environment</u>	18	5	23	0.8	-	0.8		100
<u>Environmental Protection</u>	31	49	80	2.5	0.5	3.0	80	20
<u>Canadian Forestry Services</u>	31	32	63	3.5	--	3.5	38	62
<u>Parks Canada</u>	9	-	9	0.2	0.4	0.6	16	84
FISHERIES & OCEANS	101	169	270	5.1	0.1	5.2	45	55
INDIAN AFFAIRS & NORTHERN DEVELOPMENT	35	9	44	1.2	-	1.2	61	39
INDUSTRY, TRADE & COMMERCE	-	264	264	6.4	-	6.4	100	
<u>Grains & Oilseeds</u>	-	3	3	0.1	-	0.1	100	
<u>Trade - Industrial</u>	-	261	261	6.3	-	6.3	100	
INTERNATIONAL DEVELOPMENT RESEARCH CENTRE	25	29	54	2.4	-	2.4	93	7
MEDICAL RESEARCH COUNCIL	2	38	40	1.4	--	1.4	97	3
NATIONAL DEFENCE	187	258	445	14.4	1.4	15.8	84	16
NATIONAL ENERGY BOARD	27	20	47	1.3	-	1.3		100

TABLE 3.12 Federal Natural Science Establishments in the National Capital Region, Staff and Expenditures, by Department or Agency, by Program and by Activity, 1979-80 - concluded

Department or agency and program	Staff			Intramural scientific expenditures			Activity	
	Scientific & professional	Other	Total	Current	Capital	Total	R & D	R.S.A.
	person-years			\$000,000			%	
NATIONAL HEALTH & WELFARE	318	370	688	20.9	1.0	21.9	46	54
<u>Health & Social Services</u>	6	13	19	0.6	-	0.6	77	23
<u>Health Protection</u>	312	357	669	20.2	1.0	21.2	45	55
NATIONAL MUSEUMS	29	300	329	13.9	0.2	14.1	15	85
NATIONAL RESEARCH COUNCIL	919	1,830	2,749	111.6	10.6	122.2	77	23
<u>Scientific & Industrial Research</u>	867	1,667	2,534	98.1	10.5	108.6	87	13
<u>Scientific & Technical Information</u>	52	163	215	13.5	0.1	13.6		100
NATURAL SCIENCES & ENGINEERING RESEARCH COUNCIL	2	59	61	2.3	--	2.3	80	20
PUBLIC WORKS	30	22	52	2.5	0.1	2.6	54	46
ST. LAWRENCE SEAWAY AUTHORITY	-	-	-	0.2	0.6	0.8	100	
TRANSPORT	49	28	77	8.5	0.5	9.0	10	90
<u>Air</u>	48	28	76	2.1	0.4	2.5	34	66
<u>Marine</u>	1	-	1	6.4	0.1	6.5	1	99
<u>Surface</u>	-	-	-	--	-	--	83	17
TOTAL	3,404	6,376	9,780	349.9	37.0	386.9	71	29

TABLE 4. Federal Natural Science Establishments, Staff and Expenditures, by Department or Agency, by Program, by Activity, by Region, 1979-80

Department or agency and program	Staff			Intramural scientific expenditures			Activity	
	Scientific & professional	Other	Total	Current	Capital	Total	R & D	R.S.A.
	person-years			\$000,000			%	
AGRICULTURE	962	2,927	3,889	115.1	16.9	132.0	95	5
<u>Administration</u>	37	57	94	2.7	-	2.7		100
British Columbia	5	1	6	0.1	-	0.1		100
Alberta	2	2	4	0.1	-	0.1		100
Saskatchewan	3	2	5	0.1	-	0.1		100
Manitoba	2	2	4	0.1	-	0.1		100
Ontario (excluding Ottawa)	3	2	5	0.1	-	0.1		100
Quebec (excluding Hull)	2	1	3	0.1	-	0.1		100
New Brunswick	2	1	3	0.1	-	0.1		100
Nova Scotia	1	1	2	-	-	-		100
Prince Edward Island	1	1	2	0.1	-	0.1		100
National Capital Region	16	44	60	1.9	-	1.9		100
<u>Research</u>	851	2,711	3,562	105.3	16.3	121.6	98	2
British Columbia	66	199	265	8.3	0.4	8.7	100	
Alberta	104	357	461	14.3	0.7	15.0	100	
Saskatchewan	90	283	373	10.7	0.6	11.3	94	6
Manitoba	71	178	249	7.6	0.3	7.9	100	
Ontario (excluding Ottawa)	88	251	339	10.3	0.5	10.8	100	
Quebec (excluding Hull)	66	261	327	9.4	0.5	9.9	94	6
New Brunswick	28	99	127	3.9	0.2	4.1	100	
Nova Scotia	31	110	141	4.1	12.0	16.1	100	
Prince Edward Island	18	72	90	2.7	0.1	2.8	100	
Newfoundland	6	28	34	1.0	-	1.0	100	
National Capital Region	283	873	1,156	33.0	1.0	34.0	95	5

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TABLE 4. Federal Natural Science Establishments, Staff and Expenditures, by Department or Agency, by Program, by Activity, by Region, 1979-80 - continued

Department or agency and program	Staff			Intramural scientific expenditures			Activity	
	Scientific & professional person-years	Other	Total	Current \$000,000	Capital	Total	R & D %	R.S.A.
<u>Food Production & Inspection</u>	56	92	148	4.3	0.4	4.7	100	
British Columbia	1	3	4	0.1	--	0.1	100	
Alberta	10	18	28	1.0	0.1	1.1	100	
Saskatchewan	2	-	2	0.1	-	0.1	100	
Ontario (excluding Ottawa)	1	-	1	--	-	--	100	
Quebec (excluding Hull)	1	2	3	0.1	-	0.1	100	
New Brunswick	5	7	12	0.3	--	0.3	100	
National Capital Region	36	62	98	2.7	0.3	3.0	100	
<u>Canadian Grain Commission</u>	18	67	85	2.8	0.2	3.0	48	52
Manitoba	18	67	85	2.8	0.2	3.0	48	52
ATOMIC ENERGY CONTROL BOARD	6	1	7	0.2	-	0.2	100	
National Capital Region	6	1	7	0.2	-	0.2	100	
ATOMIC ENERGY OF CANADA LTD.	645	1,698	2,343	62.3	6.3	68.6	95	5
Manitoba	206	503	709	20.8	2.3	23.1	94	6
Ontario (excluding Ottawa)	415	1,169	1,584	39.5	4.0	43.5	95	5
National Capital Region	24	26	50	2.0	-	2.0	100	
CANADIAN ARSENALS LTD.	4	2	6	0.2	-	0.2	88	12
Quebec	4	2	6	0.2	-	0.2	88	12

TABLE 4. Federal Natural Science Establishments, Staff and Expenditures, by Department or Agency, by Program, by Activity, by Region, 1979-80 - continued

Department or agency and program	Staff			Intramural scientific expenditures			Activity	
	Scientific & professional person-years	Other	Total	Current \$000,000	Capital	Total	R & D %	R.S.A.
CONSUMER & CORPORATE AFFAIRS	212	185	397	9.9	0.6	10.5		100
<u>Consumer Affairs</u>	35	11	46	1.6	0.4	2.0		100
National Capital Region	35	11	46	1.6	0.4	2.0		100
<u>Intellectual Property</u>	177	174	351	8.3	0.2	8.5		100
National Capital Region	177	174	351	8.3	0.2	8.5		100
CANADIAN INTERNATIONAL DEVELOPMENT AGENCY	-	16	16	0.5	-	0.5	26	74
National Capital Region	-	16	16	0.5	-	0.5	26	74
CANADA MORTGAGE & HOUSING CORPORATION	10	27	37	1.6	-	1.6	65	35
National Capital Region	10	27	37	1.6	-	1.6	65	35
COMMUNICATIONS	195	343	538	21.8	15.7	37.5	100	
National Capital Region	195	343	538	21.8	15.7	37.5	100	
ENERGY, MINES & RESOURCES	848	1,397	2,245	81.7	5.1	86.8	74	26

TABLE 4. Federal Natural Science Establishments, Staff and Expenditures, by Department or Agency, by Program, by Activity, by Region, 1979-80 - continued

Department or agency and program	Staff			Intramural scientific expenditures			Activity	
	Scientific & professional	Other	Total	Current	Capital	Total	R & D	R.S.A.
	person-years			\$000,000			%	
<u>Earth Sciences</u>	540	945	1,485	57.9	3.5	61.4	64	36
British Columbia	40	25	65	2.5	0.1	2.6	76	24
Yukon & Northwest Territories	-	6	6	0.3	-	0.3		100
Alberta	58	71	129	4.7	0.2	4.9	82	18
Saskatchewan	1	-	1	0.5	0.6	1.1	100	
Manitoba	-	1	1	--	-	--		100
Nova Scotia	51	44	95	3.9	0.4	4.3	83	17
Newfoundland	-	4	4	0.1	0.1	0.2	100	
National Capital Region	390	794	1,184	45.9	2.1	48.0	59	41
<u>Energy</u>	151	216	367	12.0	1.3	13.3	98	2
Alberta	29	19	48	1.9	0.1	2.0	100	
Ontario (excluding Ottawa)	1	-	1	--	-	--	100	
Nova Scotia	4	1	5	0.1	-	0.1	100	
National Capital Region	117	196	313	10.0	1.2	11.2	97	3
<u>Minerals</u>	157	236	393	11.8	0.3	12.1	98	2
Ontario	12	10	22	0.6	--	0.6	100	
National Capital Region	145	226	371	11.2	0.3	11.5	98	2
ENVIRONMENT	1,506	2,761	4,267	160.3	9.0	169.3	21	79
<u>Atmospheric Environment</u>	658	1,703	2,361	99.3	4.9	104.2	5	95
British Columbia	30	158	188	12.0	0.1	12.1		100
Alberta	50	229	279	9.3	0.1	9.4		100
Manitoba	40	232	272	11.0	0.2	11.2		100
Ontario (excluding Ottawa)	441	711	1,152	51.0	4.3	55.3	9	91
Quebec (excluding Hull)	35	174	209	7.9	0.1	8.0		100
Nova Scotia	44	194	238	7.3	0.1	7.4		100
National Capital Region	18	5	23	0.8	-	0.8		100

TABLE 4. Federal Natural Science Establishments, Staff and Expenditures, by Department or Agency, by Program, by Activity, by Region, 1979-80 - continued

Department or agency and program	Staff			Intramural scientific expenditures			Activity	
	Scientific & professional	Other	Total	Current	Capital	Total	R & D	R.S.A.
	person-years			\$000,000			%	
<u>Environmental Protection</u>	56	69	125	4.0	0.7	4.7	80	20
Ontario (excluding Ottawa)	25	20	45	1.4	0.2	1.6	80	20
National Capital Region	31	49	80	2.6	0.5	3.1	80	20
<u>Environment Administration</u>	12	33	45	1.3	-	1.3	32	68
National Capital Region	12	33	45	1.3	-	1.3	32	68
<u>Environment Conservation</u>	426	411	837	29.4	2.2	31.6	29	71
British Columbia	48	90	138	4.3	0.6	4.9	7	93
Yukon & Northwest Territories	16	-	16	0.6	--	0.6		100
Alberta	36	1	37	1.5	0.1	1.6	75	25
Saskatchewan	54	139	193	6.3	0.6	6.9	4	96
Manitoba	7	-	7	0.2	--	0.2	25	75
Ontario	93	67	160	5.6	0.4	6.0	41	59
Quebec	16	17	33	1.0	0.1	1.1		100
Nova Scotia	11	29	40	1.0	0.1	1.1		100
National Capital Region	145	68	213	8.9	0.3	9.2	52	48
<u>Canadian Forestry Services</u>	331	545	876	25.7	0.8	26.5	66	34
British Columbia	54	101	155	4.2	0.1	4.3	70	30
Alberta	46	72	118	3.3	0.1	3.4	100	
Ontario (excluding Ottawa)	99	132	231	6.4	0.3	6.7	75	25
Quebec (excluding Hull)	38	81	119	3.4	0.1	3.5	75	25
New Brunswick	38	96	134	3.4	0.1	3.5	63	37
Newfoundland	25	31	56	1.5	0.1	1.6	70	30
National Capital Region	31	32	63	3.5	--	3.5	38	62

TABLE 4. Federal Natural Science Establishments, Staff and Expenditures, by Department or Agency, by Program, by Activity, by Region, 1979-80 - continued

Department or agency and program	Staff			Intramural scientific expenditures			Activity	
	Scientific & professional person-years	Other	Total	Current \$000,000	Capital	Total	R & D %	R.S.A.
<u>Parks Canada</u>	23	-	23	0.6	0.4	1.0	10	90
British Columbia	6	-	6	0.2	--	0.2		100
Alberta	8	-	8	0.2	-	0.2		100
National Capital Region	9	-	9	0.2	0.4	0.6	16	84
FISHERIES & OCEANS	523	1,634	2,157	96.7	6.4	103.1	47	53
British Columbia	84	435	519	26.4	1.4	27.8	44	56
Manitoba	45	100	145	4.9	0.3	5.2	45	55
Ontario (excluding Ottawa)	37	166	203	6.7	2.0	8.7	45	55
Quebec (excluding Hull)	15	25	40	1.8	0.1	1.9	45	55
New Brunswick	37	76	113	15.7	0.2	15.9	60	40
Nova Scotia	135	530	665	24.3	1.9	26.2	44	56
Newfoundland	69	133	202	11.8	0.4	12.2	45	55
National Capital Region	101	169	270	5.1	0.1	5.2	45	55
INDIAN AFFAIRS & NORTHERN DEVELOPMENT	39	14	53	1.5	--	1.5	70	30
Yukon & Northwest Territories	4	5	9	0.3	--	0.3	100	
National Capital Region	35	9	44	1.2	-	1.2	61	39
INTERNATIONAL DEVELOPMENT RESEARCH CENTRE	25	29	54	2.4	-	2.4	93	7
National Capital Region	25	29	54	2.4	-	2.4	93	7

TABLE 4. Federal Natural Science Establishments, Staff and Expenditures, by Department or Agency, by Program, by Activity, by Region, 1979-80 - continued

Department or agency and program	Staff			Intramural scientific expenditures			Activity	
	Scientific & professional	Other	Total	Current	Capital	Total	R & D	R.S.A.
	person-years			\$000,000			%	
INDUSTRY, TRADE & COMMERCE	-	264	264	6.4	-	6.4	100	
<u>Grains & Oilseeds</u>	-	3	3	0.1	-	0.1	100	
National Capital Region	-	3	3	0.1	-	0.1	100	
<u>Trade Industrial</u>	-	261	261	6.3	-	6.3	100	
National Capital Region	-	261	261	6.3	-	6.3	100	
MEDICAL RESEARCH COUNCIL	2	38	40	1.4	--	1.4	97	3
National Capital Region	2	38	40	1.4	--	1.4	97	3
NATIONAL DEFENCE	521	1,314	1,835	55.8	8.0	63.8	96	4
British Columbia	52	88	140	4.5	--	4.5	100	
Alberta	47	124	171	4.9	1.8	6.7	100	
Ontario (excluding Ottawa)	43	198	241	6.5	1.2	7.7	100	
Quebec (excluding Hull)	129	501	630	19.5	2.6	22.1	100	
Nova Scotia	63	145	208	6.0	1.0	7.0	100	
National Capital Region	187	258	445	14.4	1.4	15.8	84	16
NATIONAL ENERGY BOARD	27	20	47	1.3	-	1.3		100
National Capital Region	27	20	47	1.3	-	1.3		100
NATIONAL FILM BOARD	6	10	16	0.5	--	0.5	60	40
Quebec	6	10	16	0.5	--	0.5	60	40

TABLE 4. Federal Natural Science Establishments, Staff and Expenditures, by Department or Agency, by Program, by Activity, by Region, 1979-80 - continued

Department or agency and program	Staff			Intramural scientific expenditures			Activity	
	Scientific & professional	Other	Total	Current	Capital	Total	R & D	R.S.A.
	person-years			\$000,000			%	
NATIONAL HEALTH & WELFARE	405	476	881	26.0	1.1	27.1	37	63
<u>Health & Social Services</u>	6	13	19	0.6	-	0.6	77	23
National Capital Region	6	13	19	0.6	-	0.6	77	23
<u>Health Protection</u>	397	462	859	25.3	1.1	26.4	36	64
British Columbia	12	14	26	0.7	--	0.7		100
Manitoba	9	13	22	0.6	--	0.6		100
Ontario (excluding Ottawa)	32	41	73	1.9	0.1	2.0		100
Quebec (excluding Hull)	24	28	52	1.4	--	1.4		100
Nova Scotia	6	9	15	0.4	--	0.4		100
Newfoundland	2	-	2	--	-	--		100
National Capital Region	312	357	669	20.3	1.0	21.3	45	55
<u>Medical Services</u>	2	1	3	0.1	-	0.1	100	
Alberta	2	1	3	0.1	-	0.1	100	
NATIONAL MUSEUMS	29	300	329	13.9	0.2	14.1	15	85
National Capital Region	29	300	329	13.9	0.2	14.1	15	85

TABLE 4. Federal Natural Science Establishments, Staff and Expenditures, by Department or Agency, by Program, by Activity, by Region, 1979-80 - continued

Department or agency and program	Staff			Intramural scientific expenditures			Activity	
	Scientific & professional	Other	Total	Current	Capital	Total	R & D	R.S.A.
	person-years			\$000,000			%	
NATIONAL RESEARCH COUNCIL	1,073	2,034	3,107	125.6	12.8	138.4	79	21
<u>Scientific & Industrial Research</u>	1,021	1,871	2,892	112.1	12.7	124.8	88	12
British Columbia	40	52	92	3.2	0.5	3.7	97	3
Saskatchewan	46	68	114	3.4	0.6	4.0	91	9
Manitoba	1	2	3	1.8	0.1	1.9	98	2
Ontario (excluding Ottawa)	10	27	37	1.3	0.1	1.4	81	19
Quebec (excluding Hull)	17	10	27	0.9	0.2	1.1	67	33
Nova Scotia	39	44	83	3.3	0.4	3.7	96	4
Newfoundland	1	1	2	0.1	0.3	0.4	87	13
National Capital Region	867	1,667	2,534	98.1	10.5	108.6	87	13
<u>Scientific & Technical Information</u>	52	163	215	13.5	0.1	13.6		100
National Capital Region	52	163	215	13.5	0.1	13.6		100
NATURAL SCIENCES AND ENGINEERING RESEARCH COUNCIL	2	59	61	2.3	--	2.3	80	20
National Capital Region	2	59	61	2.3	--	2.3	80	20
PUBLIC WORKS	30	22	52	2.5	0.1	2.6	54	46
National Capital Region	30	22	52	2.5	0.1	2.6	54	46
ST. LAWRENCE SEAWAY AUTHORITY	-	-	-	0.2	0.6	0.8	100	
National Capital Region	-	-	-	0.2	0.6	0.8	100	

TABLE 4. Federal Natural Science Establishments, Staff and Expenditures, by Department or Agency, by Program, by Activity, by Region, 1979-80 - concluded

Department or agency and program	Staff			Intramural scientific expenditures			Activity	
	Scientific & professional person-years	Other	Total	Current \$000,000	Capital	Total	R & D %	R.S.A.
TRANSPORT	103	31	134	9.2	4.1	13.3	12	88
<u>Administration</u>	54	1	55	0.6	0.1	0.7	86	14
Quebec (excluding Hull)	54	1	55	0.6	0.1	0.7	86	14
<u>Air</u>	48	28	76	2.1	0.4	2.5	34	66
National Capital Region	48	28	76	2.1	0.4	2.5	34	66
<u>Marine</u>	1	2	3	6.5	0.1	6.6	3	97
Quebec (excluding Hull)	-	2	2	0.1	-	0.1	100	
National Capital Region	1	-	1	6.4	0.1	6.5	1	99
<u>Surface</u>	-	-	-	--	3.5	3.5	--	100
Quebec (excluding Hull)	-	-	-	-	3.5	3.5		100
National Capital Region	-	-	-	--	-	--	83	17
TOTAL	7,173	15,602	22,775	799.3	86.9	886.2	65	35