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Prepared by: Janet Thompson and  
Alfred Traurig

Science, Technology and Capital  
Stock Division

Statistics Canada

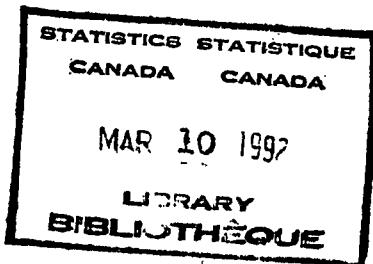
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Division des sciences, de la  
technologie et du stock de  
capital  
Statistique Canada

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| - nil or zero  |      |
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| -- nombres infimes   |      |
| - néant ou zéro  |      |
| <b>NOTA</b>  |      |
| La somme des colonnes ne correspond pas nécessairement aux totaux indiqués parce que les chiffres ont été arrondis.                    |      |



## Introduction

This document presents, for the fiscal year 1986-87, a regional representation of expenditures at federal government scientific establishments.

This is the second year that the report includes both natural and social science data. Previous reports on this topic provided statistics only on natural science activities, thus they cannot be compared.

The regionally distributed expenditures do not sum to expenditures reported in other Statistics Canada publications, however, they should be a reasonable approximation.

In addition to this paper, a description of the activities of natural science establishments that fund or perform scientific and technological activities can be found in the publication titled Directory of Federal Government Scientific and Technological Establishments, 1987, Catalogue No. 88-206.

We are grateful to the departments and agencies who completed our questionnaires. Without their co-operation a representation such as this could not be prepared.

Please forward any comments or questions regarding these tables to :  
Bert Plaus  
Project Leader, Public Sector  
Science, Technology and Capital Stock Division  
Ottawa, Ontario  
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## Introduction

Le présent rapport renferme une représentation régionale des dépenses des établissements scientifiques de l'administration fédérale pour l'année financière 1986-87.

C'est la deuxième année que le rapport comprend les données des sciences naturelles et des sciences sociales. Les rapports antérieurs à ce sujet fournissaient seulement des statistiques sur les activités des sciences naturelles, donc ils ne peuvent être comparés à ces données.

Bien que le total des dépenses ne correspond pas avec les chiffres parus dans d'autres publications de Statistique Canada, il devrait s'en rapprocher passablement.

En addition à ce rapport, on peut trouver une description des activités des établissements scientifiques en sciences naturelles qui exécutent ou financent les activités scientifiques ou technologiques dans une publication intitulée Répertoire des établissements scientifiques et technologiques de l'administration fédérale, 1987 no 88-206 au catalogue.

Nous désirons remercier les ministères et organismes fédéraux qui ont rempli les questionnaires. Sans leur coopération, une représentation comme celle-là ne peut être réalisée.

Veuillez adresser vos commentaires ou vos questions concernant ces tableaux à :  
Bert Plaus  
Chef de projet, secteur public  
Division des sciences, de la technologie  
et du stock de capital  
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**DEPARTMENT/PROGRAM NAMES AND ABBREVIATIONS**

**AGR - AGRICULTURE**

AGR ADM Administration  
AGR FOR Canadian Forestry Service  
AGR CGC Canadian Grains Commission  
AGR AFD Agri-Food Development Program

**AECB - ATOMIC ENERGY CONTROL BOARD**

**AECL - ATOMIC ENERGY OF CANADA LIMITED**

**CC - CANADA COUNCIL**

**CMHC - CANADA MORTGAGE & HOUSING CORPORATION**

**CBC - CANADIAN BROADCASTING CORPORATION**

**CHRC - CANADIAN HUMAN RIGHTS COMMISSION**

**CIDA - CANADIAN INTERNATIONAL DEVELOPMENT AGENCY**

**CLFB - CANADIAN LIVESTOCK FEED BOARD**

**CTC - CANADIAN TRANSPORT COMMISSION**

**COL - COMMISSIONER OF OFFICIAL LANGUAGES**

**COMM - COMMUNICATIONS**

COMM CC Communications and Culture

**CCA - CONSUMER AND CORPORATE AFFAIRS**

CCA ADM Administration  
CCA CON Consumer Affairs  
CCA COR Corporate Affairs

**ECC - ECONOMIC COUNCIL OF CANADA**

**E&I - EMPLOYMENT & IMMIGRATION**

E&I ADM Administration  
E&I CEIC Canada Employment and Immigration  
Commission

**EMR - ENERGY, MINES AND RESOURCES**

EMR ADM Administration  
EMR ENER Energy  
EMR MES Minerals and Earth Sciences

**ENV - ENVIRONMENT**

ENV ADM Administration  
ENV AES Atmospheric Environment Services  
ENV C&P Conservation and Protection Services  
ENV PC Parks Canada

**LES ABBREVIATIONS DES MINISTERES/PROGRAMMES**

**AGR - AGRICULTURE**

AGR ADM Administration  
AGR FOR Service canadien des forêts  
AGR CCG Commission canadienne des grains  
AGR DAA Développement du secteur agro-alimentaire

**CCEA - COMMISSION DE CONTROLE DE L'ENERGIE ATOMIQUE**

**EACL - ENERGIE ATOMIQUE DU CANADA LIMITÉE**

**CA - CONSEIL DES ARTS DU CANADA**

**SCHL - SOCIETE CANADIENNE D'HYPOTHEQUES ET DE LOGEMENT**

**SRC - SOCIETE RADIO-CANADA**

**CCDP - COMMISSION CANADIENNE DES DROITS DE LA PERSONNE**

**ACDI - AGENCE CANADIENNE DE DEVELOPPEMENT INTERNATIONAL**

**OCP - OFFICE CANADIEN DES PROVENDES**

**CCT - COMMISSION CANADIENNE DES TRANSPORTS**

**CLO - COMMISSAIRE AUX LANGUES OFFICIELLES**

**COMM - COMMUNICATIONS**

COMM CC Communications et culture

**CC - CONSOMMATION ET CORPORATIONS**

CC ADM Administration  
CC CON Consommation  
CC COR Bureau des corporations

**CEC - CONSEIL ÉCONOMIQUE DU CANADA**

**E&I - EMPLOI ET IMMIGRATION**

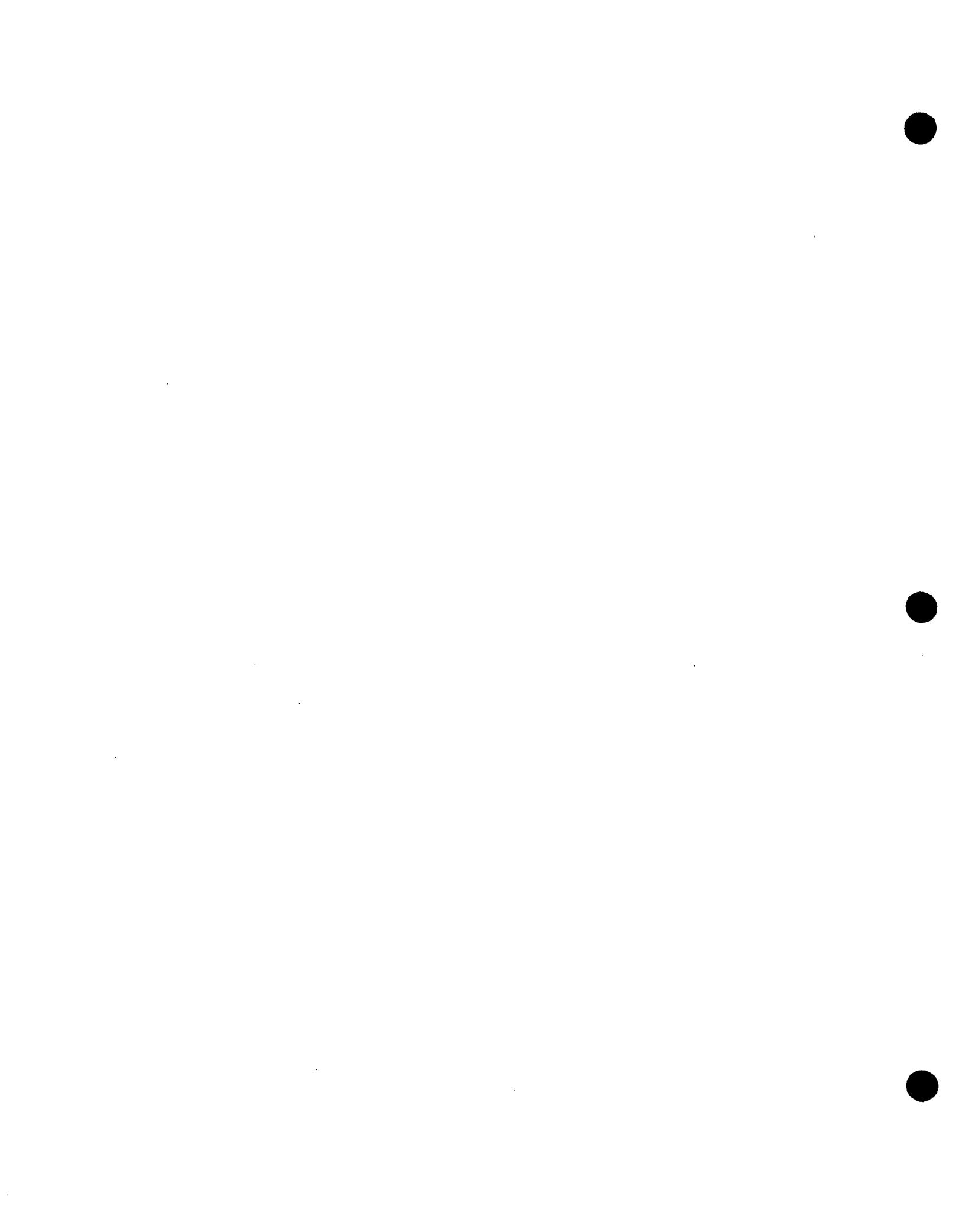
E&I ADM Administration  
E&I CEIC Commission de l'emploi et de l'immigration  
du Canada

**EMR - ENERGIE, MINES ET RESSOURCES,**

EMR ADM Administration  
EMR ENER Energie  
EMR MSG Minéraux et services de la terre

**ENV - ENVIRONNEMENT**

ENV ADM Administration  
ENV SEA Services de l'environnement atmosphérique  
ENV CP Conservation et protection  
ENV PC Parcs Canada



EA - EXTERNAL AFFAIRS  
EA CIA Canadian Interests Abroad

FIN - FINANCE  
FIN FEP Financial and Economic Policies

F&O - FISHERIES & OCEANS  
F&O FM Fisheries and Marine Services

IAND - INDIAN AFFAIRS & NORTHERN DEVELOPMENT  
IAND NA Northern Affairs

IDRC - INTERNATIONAL DEVELOPMENT RESEARCH CENTRE

IJC - INTERNATIONAL JOINT COMMISSION

JUST - JUSTICE  
JUST ADM Administration  
JUST LRC Law Reform Commission

LAB - LABOUR

MRC - MEDICAL RESEARCH COUNCIL

NCC - NATIONAL CAPITAL COMMISSION

NDEF - NATIONAL DEFENCE  
NDEF SER Defence Services

NEB - NATIONAL ENERGY BOARD

NFB - NATIONAL FILM BOARD

NHW - NATIONAL HEALTH AND WELFARE  
NHW ADM Administration  
NHW HP Health Protection  
NHW HSS Health Services and Promotion  
NHW IS Income Security  
NHW MS Medical Services  
NHW SS Social Services

NLC - NATIONAL LIBRARY CANADA

NMC - NATIONAL MUSEUMS CANADA

NRC - NATIONAL RESEARCH COUNCIL  
NRC SIR Scientific and Industrial Research

NREV - NATIONAL REVENUE  
NREV TAX Taxation

NSERC - NATURAL SCIENCES & ENGINEERING RESEARCH COUNCIL

PA - PUBLIC ARCHIVES

PW - PUBLIC WORKS  
PW PTS Professional and Technical Services

AE - AFFAIRES EXTERIEURS  
AE ICE Intérêts du Canada à l'étranger

FIN - FINANCES  
FIN PFE Politiques financières et économiques

F&O - PECHEES ET OCEANS  
F&O PM Service des pêches et de la mer

AIN - AFFAIRES INDIENNES ET NORD CANADIEN  
AIN AN Affaires du Nord

CRDI - CENTRE DE RECHERCHES POUR LE DEVELOPPEMENT  
INTERNATIONAL

CMI - COMMISSION MIXTE INTERNATIONALE

JUST - JUSTICE  
JUST ADM Administration  
JUST CRD Commission de réforme du droit du Canada

TRAV - TRAVAIL

CRM - CONSEIL DE RECHERCHES MEDICALES

CCN - COMMISSION DE LA CAPITALE NATIONALE

DEFN - DEFENSE NATIONALE  
DEFN SER Services de défense

ONE - OFFICE NATIONAL DE L'ENERGIE

ONF - OFFICE NATIONAL DU FILM

SNBS - SANTE NATIONALE ET BIEN-ETRE SOCIAL  
SNBS ADM Administration  
SNBS PS Protection de la santé  
SNBS SSSS Soins de santé et services sociaux  
SNBS SR Sécurité du revenu  
SNBS SM Services médicaux  
SNBS SP Services sociaux

BNC - BIBLIOTHEQUE NATIONALE DU CANADA

MNC - MUSEES NATIONAUX DU CANADA

CNR - CONSEIL NATIONAL DE RECHERCHES DU CANADA  
CNR RSI Recherches scientifiques et industrielles

REVN - REVENU NATIONAL  
REVN IMP Impôt

CRSNG - CONSEIL DE RECHERCHES EN SCIENCES NATURELLES ET EN  
GENIE

AP - ARCHIVES PUBLIQUES

TP - TRAVAUX PUBLICS  
TP SPT Services professionnels et techniques



RIE - REGIONAL INDUSTRIAL EXPANSION

RCMP - ROYAL CANADIAN MOUNTED POLICE

ST - SCIENCE AND TECHNOLOGY

SC - SCIENCE COUNCIL OF CANADA

SECS - SECRETARY OF STATE

SECS ADM Administration

SECS CIT Citizenship

SECS ES Education Support

SECS OL Official Languages

SSHRC - SOCIAL SCIENCES & HUMANITIES RESEARCH COUNCIL

SGEN - SOLICITOR GENERAL

SGEN ADM Administration

STCAN - STATISTICS CANADA

SS - SUPPLY AND SERVICES

SS SUPP Supply

TPT - TRANSPORT

TPT ADM Administration

TPT AIR Air Transportation

TPT APT Airports Authority Group

TPT MAR Marine Transportation

TPT SUR Surface Transportation

TB - TREASURY BOARD

TB ADM Administration

EIR - EXPANSION INDUSTRIELLE REGIONALE

GRC - GENDARMERIE ROYALE DU CANADA

ST - SCIENCE ET TECHNOLOGIE

CS - CONSEIL DES SCIENCES DU CANADA

SE - SECRETARIAT D'ETAT

SE ADM Administration

SE CIT Citoyenneté

SE AE Aide à l'éducation

SE LO Langues officielles

CRSH - CONSEIL DE RECHERCHES EN SCIENCES HUMAINES

SGEN - SOLICITEUR GENERAL

SGEN ADM Administration

STCAN - STATISTIQUE CANADA

ASC - APPROVISIONNEMENTS ET SERVICES

ASC APPR Approvisionnements

TPT - TRANSPORTS

TPT ADM Administration

TPT AER Transports aériens

TPT APT Gestion des aéroports

TPT MAR Transports maritimes

TPT SUR Transports de surface

CT - CONSEIL DU TRESOR

CT ADM Administration

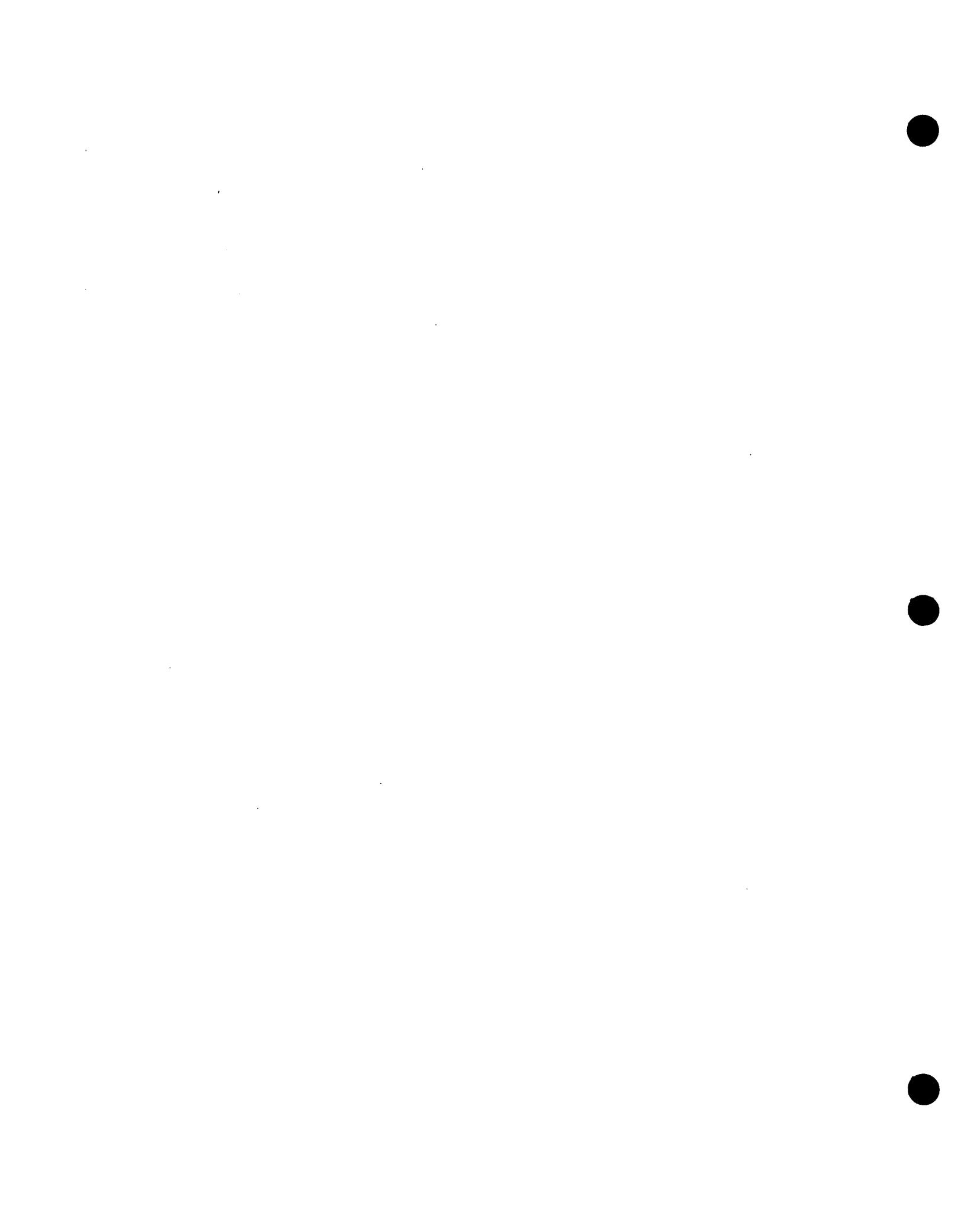


Table 1. Staff and Expenditures of Scientific Establishments, by Region, 1986-87  
 Tableau 1. Personnel et dépenses des établissements scientifiques, par région, 1986-87

| Region   | Natural sciences - Sciences naturelles |               |  |                | Social sciences - Sciences sociales |              |  |              |
|--|--|---------------|--|----------------|-------------------------------------|--------------|--|--------------|
|  | Staff Personnel                        |               | Intramural expenditures Dépenses intra-muros |                | Staff Personnel                     |              | Intramural expenditures Dépenses intra-muros |              |
|  | R&D R-D                                | Total         | R&D R-D                                      | Total          | R&D R-D                             | Total        | R&D R-D                                      | Total        |
| Région   | Person years Années-personnes          | \$ millions   | Person years Années-personnes                | \$ millions    | Person years Années-personnes       | \$ millions  | Person years Années-personnes                | \$ millions  |
| Newfoundland - Terre-Neuve .....   | 280                                    | 453           | 22.5   | 42.1           | 0                                   | 133          | 0.0  | 8.5          |
| Prince Edward Island - Ile-du-Prince-Edouard .....                             | 120                                    | 132           | 7.8  | 8.5            | 0                                   | 10           | 0.0  | 0.3          |
| Nova Scotia - Nouvelle-Ecosse ....   | 1,099                                  | 1,614         | 79.2   | 110.5          | 0                                   | 114          | 0.0  | 7.2          |
| New Brunswick - Nouveau-Brunswick ..   | 330                                    | 480           | 22.6   | 30.2           | 1                                   | 29           | 0.1  | 1.7          |
| Quebec - Québec (excl. Hull) .....   | 1,494                                  | 2,127         | 147.4  | 208.0          | 4                                   | 316          | 0.3  | 21.6         |
| Ontario (excl. Ottawa) .....   | 3,296                                  | 4,447         | 193.0  | 330.0          | 31                                  | 304          | 1.6  | 20.7         |
| National Capital Region - Région de la capitale nationale ..                   | 5,938                                  | 9,433         | 483.6  | 730.9          | 746                                 | 7,725        | 45.6   | 526.9        |
| Manitoba .....   | 1,282                                  | 1,648         | 77.9   | 98.3           | 1                                   | 170          | 0.1  | 12.6         |
| Saskatchewan .....   | 558                                    | 671           | 37.0   | 46.7           | 4                                   | 13           | 0.2  | 1.2          |
| Alberta .....  | 919                                    | 1,401         | 67.6   | 94.2           | 0                                   | 94           | 0.0  | 6.7          |
| British Columbia - Colombie-Britannique .....                                  | 1,067                                  | 1,609         | 94.2   | 135.4          | 2                                   | 189          | 0.1  | 12.9         |
| Yukon and Northwest Territories - Yukon et les Territoires du Nord-Ouest ..... | 19                                     | 155           | 1.3  | 22.5           | 0                                   | 5            | --   | 0.2          |
| <b>TOTAL .....</b>   | <b>16,402</b>                          | <b>24,170</b> | <b>1,234.3</b>                               | <b>1,857.3</b> | <b>789</b>                          | <b>9,102</b> | <b>48.0</b>                                  | <b>620.9</b> |



Table 2. Staff of Scientific Establishments Performing Natural Science Activities, by Department and by Region, 1986-87  
 Tableau 2. Personnel des établissements scientifiques exécutant des activités en sciences naturelles, par ministère et par région, 1986-87

| Department or agency<br>Ministère ou organisme | Nfld.<br>T.-N.                  | P.E.I.<br>I.-P.-E. | N.S.<br>N.-E. | N.B.<br>N.-B. | Que.<br>Qc<br>(excl.<br>Hull) | Ont.<br>(excl.<br>Ottawa) | N.C.R.<br>R.C.N. | Man.<br>Sask. | Alta.<br>Alb. | B.C.<br>C.-B. | W.W.T.<br>Yuk.<br>T.H.-O. | Total      |               |
|--|---------------------------------|--------------------|---------------|---------------|-------------------------------|---------------------------|------------------|---------------|---------------|---------------|---------------------------|------------|---------------|
|  | Person years - Années-personnes |                    |               |               |                               |                           |                  |               |               |               |                           | Y.T. 6     |               |
| AGR  | 96                              | 110                | 149           | 290           | 509                           | 726                       | 1,377            | 359           | 372           | 581           | 411                       | 0          | 4,980         |
| AECB - CCEA                                    | 0                               | 0                  | 0             | 0             | 0                             | 0                         | 14               | 0             | 0             | 0             | 0                         | 0          | 14            |
| AECL - EACL                                    | 0                               | 0                  | 0             | 0             | 0                             | 1,692                     | 0                | 911           | 0             | 0             | 0                         | 0          | 2,603         |
| CMHC - SCHL                                    | 0                               | 0                  | 0             | 0             | 3                             | 3                         | 24               | 0             | 0             | 1             | 2                         | 0          | 33            |
| CIDA - ACDI                                    | 0                               | 0                  | 0             | 0             | 0                             | 0                         | 16               | 0             | 0             | 0             | 0                         | 0          | 16            |
| COMM   | 0                               | 0                  | 0             | 0             | 55                            | 0                         | 332              | 0             | 0             | 0             | 0                         | 0          | 387           |
| CCA - CC                                       | 0                               | 0                  | 0             | 0             | 0                             | 0                         | 254              | 0             | 0             | 0             | 0                         | 0          | 254           |
| EMR  | 0                               | 0                  | 141           | 1             | 1                             | 28                        | 2,225            | 3             | 6             | 212           | 75                        | 21         | 2,713         |
| ENV  | 67                              | 11                 | 225           | 90            | 530                           | 1,284                     | 88               | 234           | 179           | 419           | 353                       | 113        | 3,593         |
| EFO - P&O                                      | 219                             | 7                  | 792           | 91            | 142                           | 180                       | 157              | 123           | 0             | 0             | 528                       | 0          | 2,239         |
| IAND - AIN                                     | 0                               | 0                  | 0             | 0             | 0                             | 0                         | 0                | 0             | 0             | 0             | 0                         | 0          | 135           |
| IDRC - CRDI                                    | 0                               | 0                  | 0             | 0             | 0                             | 0                         | 132              | 0             | 0             | 0             | 0                         | 0          | 45            |
| IJC - CMI                                      | 0                               | 0                  | 0             | 0             | 0                             | 23                        | 22               | 0             | 0             | 0             | 0                         | 0          | 53            |
| MRC - CRM                                      | 0                               | 0                  | 0             | 0             | 0                             | 0                         | 53               | 0             | 0             | 0             | 0                         | 0          | 10            |
| NCC - CCN                                      | 0                               | 0                  | 0             | 0             | 0                             | 0                         | 10               | 0             | 0             | 0             | 0                         | 0          | 0             |
| NDEF - DEFN                                    | 0                               | 0                  | 210           | 0             | 579                           | 456                       | 269              | 0             | 0             | 183           | 136                       | 0          | 1,033         |
| NEB - ONE                                      | 0                               | 0                  | 0             | 0             | 0                             | 0                         | 6                | 0             | 0             | 0             | 0                         | 0          | 6             |
| NFB - ONF                                      | 0                               | 0                  | 0             | 0             | 8                             | 0                         | 0                | 0             | 0             | 0             | 0                         | 0          | 8             |
| NHW - SNBS                                     | 0                               | 0                  | 0             | 0             | 0                             | 3                         | 1,108            | 0             | 0             | 0             | 0                         | 0          | 1,111         |
| NMC - MNC                                      | 0                               | 0                  | 0             | 0             | 0                             | 0                         | 367              | 0             | 0             | 0             | 0                         | 0          | 367           |
| NRC - CNR                                      | 60                              | 1                  | 89            | 3             | 214                           | 27                        | 2,645            | 9             | 110           | 2             | 96                        | 0          | 3,256         |
| NSERC - CRSNG                                  | 0                               | 0                  | 0             | 0             | 0                             | 0                         | 143              | 0             | 0             | 0             | 0                         | 0          | 143           |
| PW - TP  | 0                               | 0                  | 0             | 0             | 0                             | 0                         | 52               | 0             | 0             | 0             | 0                         | 0          | 52            |
| RIE - EIR                                      | 11                              | 3                  | 8             | 5             | 28                            | 21                        | 66               | 9             | 4             | 3             | 5                         | 2          | 165           |
| RCMP - GRC                                     | 0                               | 0                  | 0             | 0             | 0                             | 0                         | 4                | 0             | 0             | 0             | 0                         | 0          | 4             |
| ST   | 0                               | 0                  | 0             | 0             | 0                             | 0                         | 11               | 0             | 0             | 0             | 0                         | 0          | 11            |
| SS - ASC                                       | 0                               | 0                  | 0             | 0             | 0                             | 0                         | 5                | 0             | 0             | 0             | 0                         | 0          | 5             |
| TPT  | 0                               | 0                  | 0             | 0             | 58                            | 4                         | 53               | 0             | 0             | 0             | 0                         | 0          | 115           |
| <b>TOTAL</b>                                   | <b>453</b>                      | <b>132</b>         | <b>1,614</b>  | <b>480</b>    | <b>2,127</b>                  | <b>4,447</b>              | <b>9,433</b>     | <b>1,648</b>  | <b>671</b>    | <b>1,401</b>  | <b>1,689</b>              | <b>155</b> | <b>24,170</b> |

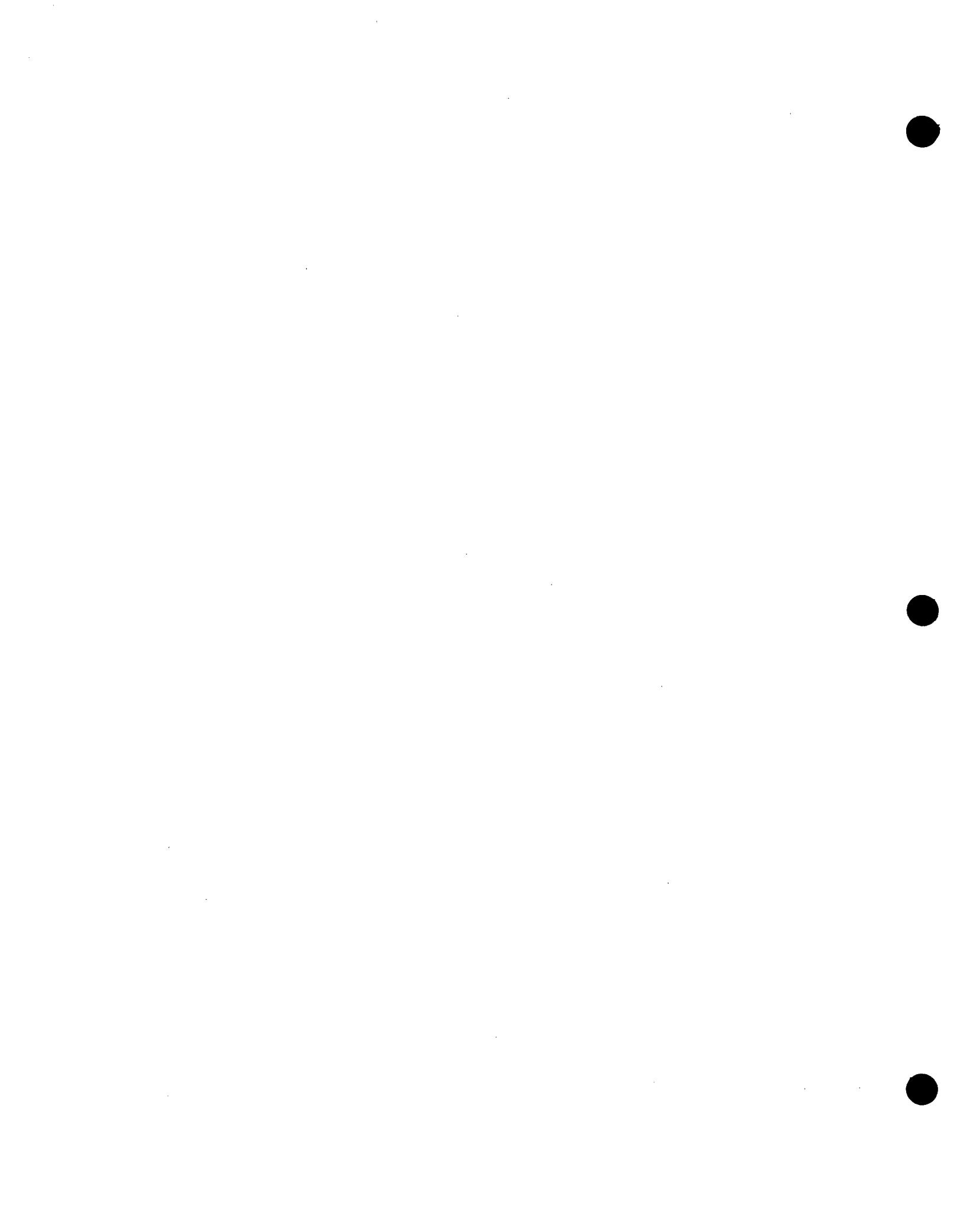


Table 3. Expenditures of Scientific Establishments Performing Natural Science Activities, by Department and by Region, 1986-87  
 Tableau 3. Dépenses des établissements scientifiques exécutant des activités en sciences naturelles, par ministère et par région, 1986-87

| Department or agency<br>Ministère ou organisme | Nfld.<br>T.-N. | P.E.I.<br>I.-P.-E. | N.S.<br>N.-E. | N.B.<br>N.-B. | Que.<br>Qc   | Ont.<br>(excl.<br>Hull) | N.C.R.<br>R.C.N.<br>(excl.<br>Ottawa) | Man.        | Sask.       | Alta.<br>Alb. | B.C.<br>C.-B. | Y.T.<br>N.W.T.<br>T.N.-O. | Total          |
|--|----------------|--------------------|---------------|---------------|--------------|-------------------------|---------------------------------------|-------------|-------------|---------------|---------------|---------------------------|----------------|
|  | \$ millions    |                    |               |               |              |                         |                                       |             |             |               |               |                           |                |
| AGR  | 5.4            | 7.1                | 8.7           | 16.7          | 38.8         | 45.1                    | 81.8                                  | 20.0        | 21.9        | 37.5          | 32.6          | 0.0                       | 315.6          |
| AECB - CCEA                                    | 0.0            | 0.0                | 0.0           | 0.0           | 0.0          | 0.0                     | 1.1                                   | 0.0         | 0.0         | 0.0           | 0.0           | 0.0                       | 1.1            |
| AECL - EACL                                    | 0.0            | 0.0                | 0.0           | 0.0           | 0.0          | 91.2                    | 0.0                                   | 49.1        | 0.0         | 0.0           | 0.0           | 0.0                       | 140.3          |
| CMHC - SCHL                                    | 0.0            | --                 | --            | --            | 0.2          | 0.2                     | 1.4                                   | --          | --          | 0.1           | --            | --                        | 1.9            |
| CIDA - ACDI                                    | 0.0            | 0.0                | 0.0           | 0.0           | 0.0          | 0.0                     | 1.0                                   | 0.0         | 0.0         | 0.0           | 0.0           | 0.0                       | 1.0            |
| COMM   | 0.0            | 0.0                | 0.0           | 0.0           | 6.7          | 0.0                     | 31.8                                  | 0.0         | 0.0         | 0.0           | 0.0           | 0.0                       | 38.5           |
| CCA - CC                                       | 0.0            | 0.0                | 0.0           | 0.0           | 0.0          | 0.0                     | 12.7                                  | 0.0         | 0.0         | 0.0           | 0.0           | 0.0                       | 12.7           |
| EMR  | 0.0            | 0.0                | 11.6          | --            | 8.4          | 1.7                     | 186.2                                 | 0.1         | 2.9         | 20.6          | 8.3           | 6.5                       | 246.3          |
| ENV  | 5.7            | 0.6                | 10.5          | 6.1           | 41.6         | 145.3                   | 14.3                                  | 13.8        | 11.3        | 22.5          | 24.9          | 14.5                      | 311.1          |
| PEO - PEO                                      | 22.5           | 0.5                | 58.1          | 6.5           | 30.0         | 12.4                    | 10.2                                  | 8.5         | 0.0         | 0.0           | 49.3          | 0.0                       | 198.0          |
| IAND - AIN                                     | 0.0            | 0.0                | 0.0           | 0.0           | 0.0          | 0.0                     | 0.0                                   | 0.0         | 0.0         | 0.0           | 0.0           | 0.0                       | 16.3           |
| IDRC - CRDI                                    | 0.0            | 0.0                | 0.0           | 0.0           | 0.0          | 0.0                     | 16.0                                  | 0.0         | 0.0         | 0.0           | 0.0           | 0.0                       | 3.2            |
| IJC - CMI                                      | 0.0            | 0.0                | 0.0           | 0.0           | 0.0          | 1.8                     | 1.4                                   | 0.0         | 0.0         | 0.0           | 0.0           | 0.0                       | 3.9            |
| MRC - CRM                                      | 0.0            | 0.0                | 0.0           | 0.0           | 0.0          | 0.0                     | 3.9                                   | 0.0         | 0.0         | 0.0           | 0.0           | 0.0                       | 0.4            |
| NCC - CCN                                      | 0.0            | 0.0                | 0.0           | 0.0           | 0.0          | 0.0                     | 0.4                                   | 0.0         | 0.0         | 0.0           | 0.0           | 0.0                       | 0.4            |
| NDEF - DEFN                                    | 0.0            | 0.0                | 13.2          | 0.0           | 41.7         | 25.7                    | 22.1                                  | 0.0         | 0.0         | 13.0          | 10.4          | 0.0                       | 126.1          |
| NEB - ONE                                      | 0.0            | 0.0                | 0.0           | 0.0           | 0.0          | 0.0                     | 0.3                                   | 0.0         | 0.0         | 0.0           | 0.0           | 0.0                       | 0.3            |
| NFB - ONF                                      | 0.0            | 0.0                | 0.0           | 0.0           | 1.3          | 0.0                     | 0.0                                   | 0.0         | 0.0         | 0.0           | 0.0           | 0.0                       | 1.3            |
| NHW - SNBS                                     | 0.0            | 0.0                | 0.0           | 0.0           | 0.0          | 0.2                     | 63.2                                  | 0.0         | 0.0         | 0.0           | 0.0           | 0.0                       | 63.4           |
| NMC - MNC                                      | 0.0            | 0.0                | 0.0           | 0.0           | 0.0          | 0.0                     | 28.4                                  | 0.0         | 0.0         | 0.0           | 0.0           | 0.0                       | 28.4           |
| NRC - CNR                                      | 7.2            | 0.1                | 7.6           | 0.3           | 32.4         | 3.6                     | 223.9                                 | 5.6         | 10.1        | 0.2           | 8.9           | 0.0                       | 299.9          |
| NSERC - CRNSG                                  | 0.0            | 0.0                | 0.0           | --.0          | 0.0          | 0.0                     | 11.7                                  | 0.0         | 0.0         | 0.0           | 0.0           | 0.0                       | 11.7           |
| PW - TP  | 0.0            | 0.0                | 0.0           | 0.0           | 0.0          | 0.0                     | 4.2                                   | 0.0         | 0.0         | 0.0           | 0.0           | 0.0                       | 4.2            |
| RIE - EIR                                      | 1.3            | 0.3                | 0.9           | 0.5           | 3.2          | 2.4                     | 7.5                                   | 1.1         | 0.4         | 0.3           | 0.6           | 0.2                       | 18.8           |
| RCMP - GRC                                     | 0.0            | 0.0                | 0.0           | 0.0           | 0.0          | 0.0                     | 0.2                                   | 0.0         | 0.0         | 0.0           | 0.0           | 0.0                       | 0.2            |
| ST   | 0.0            | 0.0                | 0.0           | 0.0           | 0.0          | 0.0                     | 0.9                                   | 0.0         | 0.0         | 0.0           | 0.0           | 0.0                       | 0.9            |
| SS - ASC                                       | 0.0            | 0.0                | 0.0           | 0.0           | 0.0          | 0.0                     | 0.2                                   | 0.0         | 0.0         | 0.0           | 0.0           | 0.0                       | 0.2            |
| TPT  | 0.0            | 0.0                | 0.0           | 0.0           | 3.7          | 0.5                     | 6.0                                   | 0.0         | 0.0         | 0.0           | 0.0           | 0.0                       | 10.2           |
| <b>TOTAL</b>                                   | <b>42.1</b>    | <b>8.5</b>         | <b>110.5</b>  | <b>30.2</b>   | <b>208.0</b> | <b>330.0</b>            | <b>730.9</b>                          | <b>98.3</b> | <b>46.7</b> | <b>94.2</b>   | <b>135.4</b>  | <b>22.5</b>               | <b>1,857.3</b> |



Table 4. Staff of Scientific Establishments Performing Social Science Activities, by Department and by Region, 1986-87  
 Tableau 4. Personnel des établissements scientifiques exécutant des activités en sciences sociales, par ministère et par région, 1986-87

| Department or agency<br>Ministère ou organisme | Nfld.<br>T.-N. | P.E.I.<br>I.-P.-E. | N.S.<br>N.-E. | N.B.<br>N.-B. | Que.<br>Qc<br>(excl.<br>Hull) | Ont.<br>(excl.<br>Ottawa) | N.C.R.<br>R.C.N. | Man.       | Sask.     | Alta.     | B.C.<br>C.-B. | Yuk.<br>T.N.-O. | Total        |
|--|----------------|--------------------|---------------|---------------|-------------------------------|---------------------------|------------------|------------|-----------|-----------|---------------|-----------------|--------------|
| Person years - Années-personnes                |                |                    |               |               |                               |                           |                  |            |           |           |               |                 |              |
| AGR  | 0              | 0                  | 0             | 0             | 0                             | 0                         | 51               | 0          | 0         | 0         | 0             | 0               | 51           |
| CC - CA  | 0              | 0                  | 0             | 0             | 0                             | 0                         | 7                | 0          | 0         | 0         | 0             | 0               | 7            |
| CMHC - SCHL                                    | 0              | 0                  | 1             | 1             | 12                            | 11                        | 98               | 0          | 1         | 3         | 6             | 1               | 134          |
| CBC - SRC                                      | 0              | 0                  | 0             | 0             | 12                            | 16                        | 21               | 0          | 0         | 0         | 0             | 0               | 8            |
| CHRC - CCDP                                    | 0              | 0                  | 0             | 0             | 0                             | 0                         | 8                | 0          | 0         | 0         | 0             | 0               | 41           |
| CIDA - ACDI                                    | 0              | 0                  | 0             | 0             | 0                             | 0                         | 41               | 0          | 0         | 0         | 0             | 0               | 2            |
| CLFB - OCP                                     | 0              | 0                  | 0             | 0             | 2                             | 0                         | 0                | 46         | 0         | 0         | 0             | 0               | 46           |
| CTC - CCT                                      | 0              | 0                  | 0             | 0             | 0                             | 0                         | 61               | 0          | 0         | 0         | 0             | 0               | 61           |
| COL - CLO                                      | 0              | 0                  | 0             | 0             | 0                             | 0                         | 8                | 0          | 0         | 0         | 0             | 0               | 8            |
| COMM   | 0              | 0                  | 0             | 0             | 0                             | 0                         | 108              | 0          | 0         | 0         | 0             | 0               | 108          |
| CCA - CC                                       | 0              | 0                  | 0             | 0             | 0                             | 0                         | 128              | 0          | 0         | 0         | 0             | 0               | 128          |
| ECC - CEC                                      | 0              | 0                  | 0             | 0             | 0                             | 0                         | 235              | 6          | 3         | 10        | 19            | 0               | 386          |
| E&I  | 19             | 9                  | 8             | 7             | 39                            | 31                        | 169              | 2          | 9         | 12        | 5             | 0               | 229          |
| ENV  | 0              | 0                  | 2             | 3             | 10                            | 17                        | 107              | 0          | 0         | 0         | 0             | 0               | 107          |
| EA - AE  | 0              | 0                  | 0             | 0             | 0                             | 0                         | 283              | 0          | 0         | 0         | 0             | 0               | 283          |
| FIN  | 0              | 0                  | 0             | 0             | 0                             | 0                         | 50               | 4          | 0         | 0         | 26            | 0               | 197          |
| F&O - P&O                                      | 38             | 1                  | 39            | 18            | 19                            | 2                         | 0                | 0          | 0         | 0         | 0             | 4               | 4            |
| IAND - AIN                                     | 0              | 0                  | 0             | 0             | 0                             | 0                         | 154              | 0          | 0         | 0         | 0             | 0               | 154          |
| IDRC - CRDI                                    | 0              | 0                  | 0             | 0             | 3                             | 0                         | 64               | 0          | 0         | 0         | 0             | 0               | 67           |
| JUST   | 0              | 0                  | 0             | 0             | 0                             | 0                         | 67               | 0          | 0         | 0         | 0             | 0               | 67           |
| LAB - TRAV                                     | 0              | 0                  | 0             | 0             | 0                             | 0                         | 11               | 0          | 0         | 0         | 0             | 0               | 11           |
| NCC - CCN                                      | 0              | 0                  | 0             | 0             | 0                             | 26                        | 42               | 0          | 0         | 0         | 0             | 0               | 68           |
| NDEF - DEPN                                    | 0              | 0                  | 0             | 0             | 0                             | 0                         | 36               | 0          | 0         | 0         | 0             | 0               | 36           |
| NEB - ONE                                      | 0              | 0                  | 0             | 0             | 0                             | 0                         | 202              | 0          | 0         | 0         | 0             | 0               | 202          |
| NHW - SNBS                                     | 0              | 0                  | 0             | 0             | 0                             | 0                         | 530              | 0          | 0         | 0         | 0             | 0               | 530          |
| NLC - BNC                                      | 0              | 0                  | 0             | 0             | 0                             | 0                         | 706              | 0          | 0         | 0         | 0             | 0               | 706          |
| NMC - MNC                                      | 0              | 0                  | 0             | 0             | 0                             | 0                         | 64               | 0          | 0         | 0         | 0             | 0               | 64           |
| NREV - REVN                                    | 0              | 0                  | 0             | 0             | 0                             | 0                         | 284              | 0          | 0         | 0         | 0             | 0               | 284          |
| PA - AP  | 0              | 0                  | 0             | 0             | 0                             | 0                         | 2                | 0          | 0         | 0         | 0             | 0               | 2            |
| RIE - EIR                                      | 0              | 0                  | 0             | 0             | 0                             | 0                         | 136              | 0          | 0         | 0         | 0             | 0               | 136          |
| ST   | 0              | 0                  | 0             | 0             | 0                             | 0                         | 30               | 0          | 0         | 0         | 0             | 0               | 30           |
| SC - CS  | 0              | 0                  | 0             | 0             | 0                             | 0                         | 55               | 0          | 0         | 0         | 0             | 0               | 55           |
| SECS - SE                                      | 0              | 0                  | 0             | 0             | 0                             | 0                         | 93               | 0          | 0         | 0         | 0             | 0               | 93           |
| SSHRC - CRSH                                   | 0              | 0                  | 0             | 0             | 0                             | 0                         | 100              | 0          | 0         | 0         | 0             | 0               | 100          |
| SGEN   | 0              | 0                  | 0             | 0             | 0                             | 0                         | 0                | 0          | 0         | 0         | 0             | 0               | 4,416        |
| STCAN  | 76             | 0                  | 64            | 0             | 218                           | 199                       | 3,499            | 158        | 0         | 69        | 133           | 0               | 3            |
| TPT  | 0              | 0                  | 0             | 0             | 1                             | 2                         | 0                | 0          | 0         | 0         | 0             | 0               | 0            |
| TB - CT  | 0              | 0                  | 0             | 0             | 0                             | 0                         | 229              | 0          | 0         | 0         | 0             | 0               | 229          |
| <b>TOTAL</b>                                   | <b>133</b>     | <b>10</b>          | <b>114</b>    | <b>29</b>     | <b>316</b>                    | <b>304</b>                | <b>7,725</b>     | <b>170</b> | <b>13</b> | <b>94</b> | <b>189</b>    | <b>5</b>        | <b>9,102</b> |

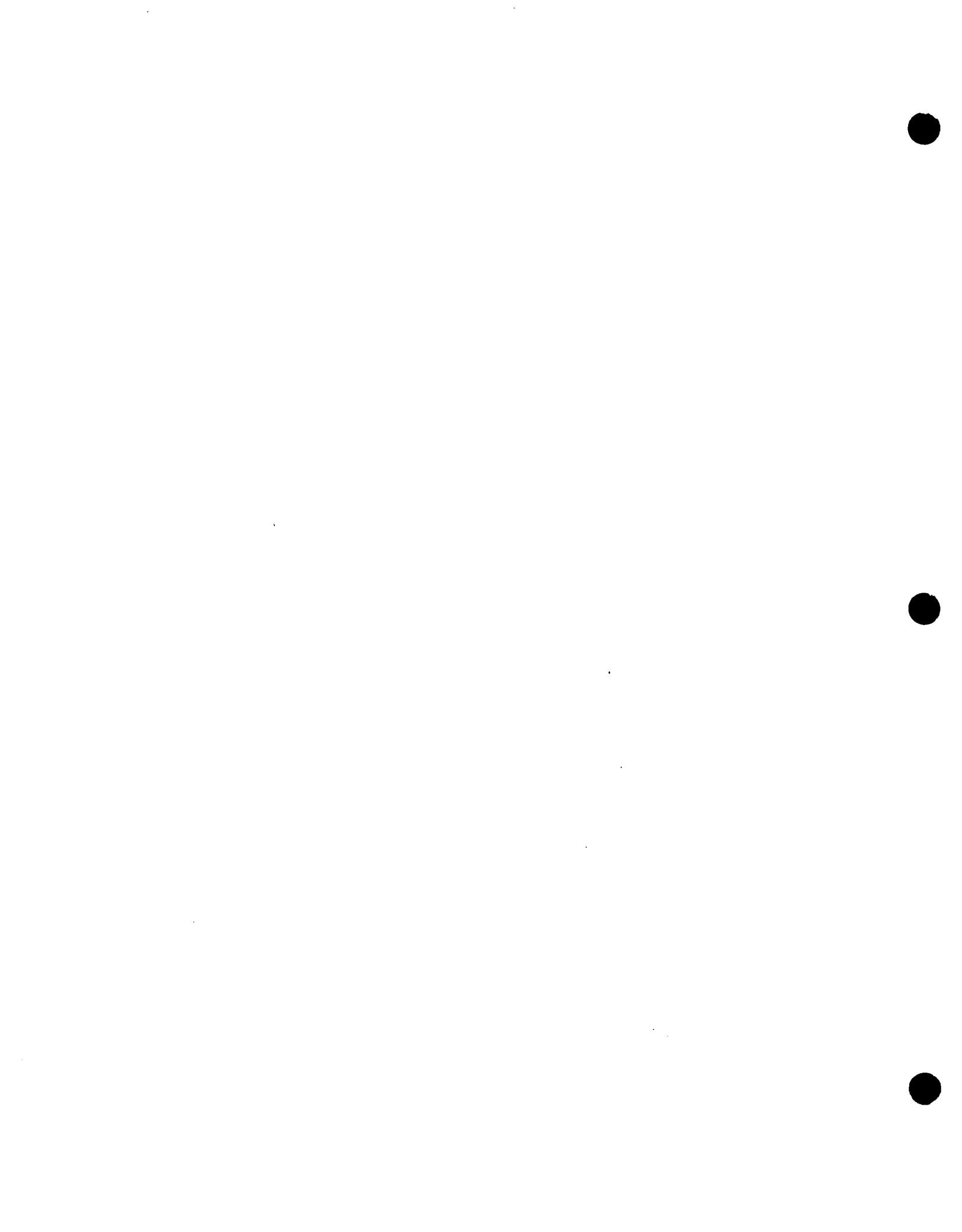


Table 5. Expenditures of Scientific Establishments Performing Social Science Activities, by Department and by Region, 1986-87  
 Tableau 5. Dépenses des établissements scientifiques exécutant des activités en sciences sociales, par ministère et par région, 1986-87

| Department or agency<br>Ministère ou organisme | Nfld.<br>T.-N. | P.E.I.<br>I.-P.-E. | N.S.<br>N.-E. | N.B.<br>N.-B. | Que.<br>Qc  | Ont.<br>(excl.<br>(excl.<br>Hull) | N.C.R.<br>R.C.N.<br>Ottawa) | Man.<br>Sask. | Alta.<br>Alb. | B.C.<br>C.-B. | Y.T.<br>Yuk. | N.W.T.<br>T.N.-O. | Total        |
|--|----------------|--------------------|---------------|---------------|-------------|-----------------------------------|-----------------------------|---------------|---------------|---------------|--------------|-------------------|--------------|
| \$ millions                                    |                |                    |               |               |             |                                   |                             |               |               |               |              |                   |              |
| AGR  | 0.0            | 0.0                | 0.0           | 0.0           | 0.0         | 0.0                               | 2.6                         | 0.0           | 0.0           | 0.0           | 0.0          | 0.0               | 2.6          |
| CC - CA  | 0.0            | 0.0                | 0.0           | 0.0           | 0.0         | 0.0                               | 0.3                         | 0.0           | 0.0           | 0.0           | 0.0          | 0.0               | 0.3          |
| CMHC - SCHL                                    | --             | --                 | --            | --            | 0.7         | 0.6                               | 5.7                         | --            | 0.1           | 0.2           | 0.3          | --                | 7.8          |
| CBC - SRC                                      | 0.0            | 0.0                | 0.0           | 0.0           | 0.6         | 0.4                               | 1.2                         | 0.0           | 0.0           | 0.0           | 0.0          | 0.0               | 2.2          |
| CHRC - CCDP                                    | 0.0            | 0.0                | 0.0           | 0.0           | 0.0         | 0.0                               | 0.5                         | 0.0           | 0.0           | 0.0           | 0.0          | 0.0               | 0.5          |
| CIDA - ACDI                                    | 0.0            | 0.0                | 0.0           | 0.0           | 0.0         | 0.0                               | 3.2                         | 0.0           | 0.0           | 0.0           | 0.0          | 0.0               | 3.2          |
| CLFB - OCP                                     | 0.0            | 0.0                | 0.0           | 0.0           | 0.1         | 0.0                               | 0.0                         | 0.0           | 0.0           | 0.0           | 0.0          | 0.0               | 0.1          |
| CTC - CCT                                      | 0.0            | 0.0                | 0.0           | 0.0           | --          | --                                | 2.3                         | --            | 0.0           | 0.0           | 0.0          | 0.0               | 2.3          |
| COL - CLO                                      | 0.0            | 0.0                | 0.0           | 0.0           | 0.0         | 0.0                               | 2.9                         | 0.0           | 0.0           | 0.0           | 0.0          | 0.0               | 2.9          |
| COMM   | 0.0            | 0.0                | 0.0           | 0.0           | 0.0         | 0.0                               | 0.4                         | 0.0           | 0.0           | 0.0           | 0.0          | 0.0               | 0.4          |
| CCA - CC                                       | 0.0            | 0.0                | 0.0           | 0.0           | 0.0         | 0.0                               | 4.8                         | 0.0           | 0.0           | 0.0           | 0.0          | 0.0               | 4.8          |
| ECC - CEC                                      | 0.0            | 0.0                | 0.0           | 0.0           | 0.0         | 0.0                               | 8.5                         | 0.0           | 0.0           | 0.0           | 0.0          | 0.0               | 8.5          |
| E&I  | 0.7            | 0.2                | 0.3           | 0.2           | 1.6         | 1.3                               | 18.6                        | 0.2           | 0.1           | --            | 0.7          | 0.0               | 24.1         |
| ENV  | 0.0            | 0.0                | 0.2           | 0.3           | 1.1         | 1.8                               | 6.4                         | 0.2           | 1.0           | 1.2           | 0.6          | 0.0               | 12.9         |
| EA - AE  | 0.0            | 0.0                | 0.0           | 0.0           | 0.0         | 0.0                               | 7.9                         | 0.0           | 0.0           | 0.0           | 0.0          | 0.0               | 7.9          |
| FIM  | 0.0            | 0.0                | 0.0           | 0.0           | 0.0         | 0.0                               | 16.8                        | 0.0           | 0.0           | 0.0           | 0.0          | 0.0               | 16.8         |
| FEO - PEO                                      | 2.0            | 0.0                | 1.9           | 1.1           | 0.9         | 0.1                               | 3.3                         | 0.2           | 0.0           | 0.0           | 1.4          | 0.0               | 10.9         |
| LAND - AIN                                     | 0.0            | 0.0                | 0.0           | 0.0           | 0.0         | 0.0                               | 0.0                         | 0.0           | 0.0           | 0.0           | 0.0          | 0.2               | 0.2          |
| IDRC - CRDI                                    | 0.0            | 0.0                | 0.0           | 0.0           | 0.0         | 0.0                               | 11.2                        | 0.0           | 0.0           | 0.0           | 0.0          | 0.0               | 11.2         |
| JUST   | 0.0            | 0.0                | 0.0           | 0.0           | 0.2         | 0.0                               | 2.5                         | 0.0           | 0.0           | 0.0           | 0.0          | 0.0               | 2.7          |
| LAB - TRAV                                     | 0.0            | 0.0                | 0.0           | 0.0           | 0.0         | 0.0                               | 4.0                         | 0.0           | 0.0           | 0.0           | 0.0          | 0.0               | 4.0          |
| NCC - CCN                                      | 0.0            | 0.0                | 0.0           | 0.0           | 0.0         | 0.0                               | 0.5                         | 0.0           | 0.0           | 0.0           | 0.0          | 0.0               | 0.5          |
| NDEF - DEFN                                    | 0.0            | 0.0                | 0.0           | 0.0           | 0.0         | 1.4                               | 2.0                         | 0.0           | 0.0           | 0.0           | 0.0          | 0.0               | 3.4          |
| NEB - ONE                                      | 0.0            | 0.0                | 0.0           | 0.0           | 0.0         | 0.0                               | 2.0                         | 0.0           | 0.0           | 0.0           | 0.0          | 0.0               | 2.0          |
| NHW - SNBS                                     | 0.0            | 0.0                | 0.0           | 0.0           | 0.0         | 0.0                               | 11.2                        | 0.0           | 0.0           | 0.0           | 0.0          | 0.0               | 11.2         |
| NLC - BNC                                      | 0.0            | 0.0                | 0.0           | 0.0           | 0.0         | 0.0                               | 36.1                        | 0.0           | 0.0           | 0.0           | 0.0          | 0.0               | 36.1         |
| NMC - MNC                                      | 0.0            | 0.0                | 0.0           | 0.0           | 0.0         | 0.0                               | 47.4                        | 0.0           | 0.0           | 0.0           | 0.0          | 0.0               | 47.4         |
| NREV - REVN                                    | 0.0            | 0.0                | 0.0           | 0.0           | 0.0         | 0.0                               | 3.0                         | 0.0           | 0.0           | 0.0           | 0.0          | 0.0               | 3.0          |
| PA - AP  | 0.0            | 0.0                | 0.0           | 0.0           | 0.0         | 0.0                               | 22.2                        | 0.0           | 0.0           | 0.0           | 0.0          | 0.0               | 22.2         |
| RIE - EIR                                      | 0.0            | 0.0                | 0.0           | 0.0           | 0.0         | 0.0                               | 0.1                         | 0.0           | 0.0           | 0.0           | 0.0          | 0.0               | 0.1          |
| ST   | 0.0            | 0.0                | 0.0           | 0.0           | 0.0         | 0.0                               | 11.6                        | 0.0           | 0.0           | 0.0           | 0.0          | 0.0               | 11.6         |
| SC - CS  | 0.0            | 0.0                | 0.0           | 0.0           | 0.0         | 0.0                               | 2.3                         | 0.0           | 0.0           | 0.0           | 0.0          | 0.0               | 2.3          |
| SECS - SE                                      | 0.0            | 0.0                | 0.0           | 0.0           | 0.0         | 0.0                               | 2.5                         | 0.0           | 0.0           | 0.0           | 0.0          | 0.0               | 2.5          |
| SSHRC - CRSH                                   | 0.0            | 0.0                | 0.0           | 0.0           | 0.0         | 0.0                               | 5.4                         | 0.0           | 0.0           | 0.0           | 0.0          | 0.0               | 5.4          |
| SGEN   | 0.0            | 0.0                | 0.0           | 0.0           | 0.0         | 0.0                               | 4.7                         | 0.0           | 0.0           | 0.0           | 0.0          | 0.0               | 4.7          |
| STCAN  | 5.7            | 0.0                | 4.8           | 0.0           | 16.3        | 15.0                              | 254.5                       | 11.9          | 0.0           | 5.2           | 10.0         | 0.0               | 323.4        |
| TPT  | 0.0            | 0.0                | 0.0           | 0.0           | 0.1         | 0.1                               | 0.0                         | 0.0           | 0.0           | 0.0           | 0.0          | 0.0               | 0.2          |
| TB - CT  | 0.0            | 0.0                | 0.0           | 0.0           | 0.0         | 0.0                               | 18.3                        | 0.0           | 0.0           | 0.0           | 0.0          | 0.0               | 18.3         |
| <b>TOTAL</b>                                   | <b>8.5</b>     | <b>0.3</b>         | <b>7.2</b>    | <b>1.7</b>    | <b>21.6</b> | <b>20.7</b>                       | <b>526.9</b>                | <b>12.6</b>   | <b>1.2</b>    | <b>6.7</b>    | <b>12.9</b>  | <b>0.2</b>        | <b>620.5</b> |



Table 6. Staff and Expenditures of Scientific Establishments, by Département and Program, 1986-87: Newfoundland  
 Tableau 6. Personnel et dépenses des établissements scientifiques, par ministère et programme, 1986-87: Terre-Neuve

| Program and department or agency<br><br>Programme et ministère ou organisme | Natural sciences - Sciences naturelles |            |   |             | Social sciences - Sciences sociales |            |   |            |
|---|--|------------|---|-------------|-------------------------------------|------------|---|------------|
|   | Staff<br>Personnel                     |            | Intramural expenditures<br>Dépenses intra-muros |             | Staff<br>Personnel                  |            | Intramural expenditures<br>Dépenses intra-muros |            |
|   | R&D<br>R-D                             | Total      | R&D<br>R-D                                      | Total       | R&D<br>R-D                          | Total      | R&D<br>R-D                                      | Total      |
|   | Person years<br>Années-personnes       |            |   |             | \$ millions                         |            |   |            |
| AGR FOR   | 64                                     | 64         | 3.7   | 3.7         | 0                                   | 0          | 0.0   | 0.0        |
| AGR AFD - AGR DAA   | 32                                     | 32         | 1.7   | 1.7         | 0                                   | 0          | 0.0   | 0.0        |
| <b>TOTAL AGR - TOTAL</b>  | <b>96</b>                              | <b>96</b>  | <b>5.4</b>                                      | <b>5.4</b>  | <b>0</b>                            | <b>0</b>   | <b>0.0</b>                                      | <b>0.0</b> |
| CMHC - SCHL   | 0                                      | 0          | 0.0   | --          | 0                                   | 0          | 0.0   | —          |
| E&I CEIC  | 0                                      | 0          | 0.0   | 0.0         | 0                                   | 19         | 0.0   | 0.7        |
| ENV AES - ENV SEA   | 0                                      | 58         | 0.0   | 5.0         | 0                                   | 0          | 0.0   | 0.0        |
| ENV C&P - ENV CP  | 2                                      | 9          | 0.2   | 0.7         | 0                                   | 0          | 0.0   | 0.0        |
| <b>TOTAL ENV - TOTAL</b>  | <b>2</b>                               | <b>67</b>  | <b>0.2</b>                                      | <b>5.7</b>  | <b>0</b>                            | <b>0</b>   | <b>0.0</b>                                      | <b>0.0</b> |
| P&O - P&O   | 120                                    | 219        | 9.5   | 22.5        | 0                                   | 38         | 0.0   | 2.0        |
| NRC SIR - CNR RSI   | 51                                     | 60         | 6.1   | 7.2         | 0                                   | 0          | 0.0   | 0.0        |
| RIE - EIR   | 11                                     | 11         | 1.3   | 1.3         | 0                                   | 0          | 0.0   | 0.0        |
| STCAN   | 0                                      | 0          | 0.0   | 0.0         | 0                                   | 76         | 0.0   | 5.7        |
| <b>REGION TOTAL - TOTAL REGIONAL</b>  | <b>280</b>                             | <b>453</b> | <b>22.5</b>                                     | <b>42.1</b> | <b>0</b>                            | <b>133</b> | <b>0.0</b>                                      | <b>0.5</b> |



Table 6. Staff and Expenditures of Scientific Establishments, by Department and Program, 1986-87: Prince Edward Island  
 Tableau 6. Personnel et dépenses des établissements scientifiques, par ministère et programme, 1986-87: Île-du-Prince-Édouard

| Program and department or agency<br><br>Programme et ministère ou organisme | Natural sciences - Sciences naturelles |              |   |       | Social sciences - Sciences sociales |       |   |       |
|---|--|--------------|---|-------|-------------------------------------|-------|---|-------|
|   | Staff<br>Personnel                     |              | Intramural expenditures<br>Dépenses intra-muros |       | Staff<br>Personnel                  |       | Intramural expenditures<br>Dépenses intra-muros |       |
|   | R&D<br>R-D                             | Total<br>R-D | R&D<br>R-D                                      | Total | R&D<br>R-D                          | Total | R&D<br>R-D                                      | Total |
|   | Person years<br>Années-personnes       |              |   |       | \$ millions                         |       |   |       |
| AGR ADM   | 0                                      | 1            | 0.0   | --    | 0                                   | 0     | 0.0   | 0.0   |
| AGR AFD - AGR DAA   | 109                                    | 109          | 7.0   | 7.0   | 0                                   | 0     | 0.0   | 0.0   |
| TOTAL AGR - TOTAL   | 109                                    | 110          | 7.0   | 7.1   | 0                                   | 0     | 0.0   | 0.0   |
| CMHC - SCHL   | 0                                      | 0            | 0.0   | --    | 0                                   | 0     | 0.0   | 0.0   |
| E&I CEIC  | 0                                      | 0            | 0.0   | 0.0   | 0                                   | 9     | 0.0   | 0.2   |
| ENV AES - ENV SEA   | 0                                      | 5            | 0.0   | 0.2   | 0                                   | 0     | 0.0   | 0.0   |
| ENV C&P - ENV CP  | 2                                      | 6            | 0.1   | 0.4   | 0                                   | 0     | 0.0   | 0.0   |
| TOTAL ENV - TOTAL   | 2                                      | 11           | 0.1   | 0.6   | 0                                   | 0     | 0.0   | 0.0   |
| FEO - PFO   | 6                                      | 7            | 0.4   | 0.5   | 0                                   | 1     | 0.0   | --    |
| NRC SIR - CNR RSI   | 0                                      | 1            | 0.0   | 0.1   | 0                                   | 0     | 0.0   | 0.0   |
| RIE - EIR   | 3                                      | 3            | 0.3   | 0.3   | 0                                   | 0     | 0.0   | 0.0   |
| REGION TOTAL - TOTAL REGIONAL   | 120                                    | 132          | 7.8   | 8.5   | 0                                   | 10    | 0.0   | 0.3   |



Table 6. Staff and Expenditures of Scientific Establishments, by Department and Program, 1986-87: Nova Scotia  
 Tableau 6. Personnel et dépenses des établissements scientifiques, par ministère et programme, 1986-87: Nouvelle-Écosse

| Program and department or agency     | Natural sciences - Sciences naturelles |              |  |             | Social sciences - Sciences sociales |          |  |             |            |
|--------------------------------------|--|--------------|--|-------------|-------------------------------------|----------|--|-------------|------------|
|                                      | Staff Personnel                        |              | Intramural expenditures Dépenses intra-muros |             | Staff Personnel                     |          | Intramural expenditures Dépenses intra-muros |             |            |
|                                      | R&D R-D                                | Total        | R&D R-D                                      | Total       | R&D R-D                             | Total    | R&D R-D                                      | Total       |            |
| Person years Années-personnes        |  |              |  | \$ millions |                                     |          |  | \$ millions |            |
| Années-personnes                     |  |              |  |             |                                     |          |  |             |            |
| AGR ADM                              | 0                                      | 2            | 0.0  |             | 0.1                                 | 0        | 0  | 0.0         | 0.0        |
| AGR AFD - AGR DAA                    | 147                                    | 147          | 8.6  |             | 8.6                                 | 0        | 0  | 0.0         | 0.0        |
| <b>TOTAL AGR - TOTAL</b>             | <b>147</b>                             | <b>149</b>   | <b>8.6</b>                                   |             | <b>8.7</b>                          | <b>0</b> | <b>0</b>                                     | <b>0.0</b>  | <b>0.0</b> |
| CMHC - SCHL                          | 0                                      | 0            | 0.0  |             | --                                  | 0        | 1  | 0.0         | --         |
| E&I CEIC                             | 0                                      | 0            | 0.0  |             | 0.0                                 | 0        | 8  | 0.0         | 0.3        |
| EMR MES - EMR MSG                    | 136                                    | 141          | 11.1   |             | 11.6                                | 0        | 0  | 0.0         | 0.0        |
| ENV ADM                              | 0                                      | 0            | --   |             | --                                  | 0        | 0  | 0.0         | 0.0        |
| ENV AES - ENV SEA                    | 0                                      | 182          | 0.0  |             | 7.4                                 | 0        | 0  | 0.0         | 0.0        |
| ENV C&P - ENV CP                     | 12                                     | 43           | 0.8  |             | 3.0                                 | 0        | 2  | 0.0         | 0.2        |
| <b>TOTAL ENV - TOTAL</b>             | <b>12</b>                              | <b>225</b>   | <b>0.9</b>                                   |             | <b>10.5</b>                         | <b>0</b> | <b>2</b>                                     | <b>0.0</b>  | <b>0.2</b> |
| F&O - P&O                            | 508                                    | 792          | 38.1   |             | 58.1                                | 0        | 39   | 0.0         | 1.9        |
| MDEF - DEFN                          | 210                                    | 210          | 13.2   |             | 13.2                                | 0        | 0  | 0.0         | 0.0        |
| NRC SIR - CNR RSI                    | 78                                     | 89           | 6.5  |             | 7.6                                 | 0        | 0  | 0.0         | 0.0        |
| RIE - EIR                            | 8                                      | 8            | 0.9  |             | 0.9                                 | 0        | 0  | 0.0         | 0.0        |
| STCAN                                | 0                                      | 0            | 0.0  |             | 0.0                                 | 0        | 64   | 0.0         | 4.8        |
| <b>REGION TOTAL - TOTAL REGIONAL</b> | <b>1,099</b>                           | <b>1,614</b> | <b>79.2</b>                                  |             | <b>110.5</b>                        | <b>0</b> | <b>114</b>                                   | <b>0.0</b>  | <b>7.2</b> |



Table 6. Staff and Expenditures of Scientific Establishments, by Department and Program, 1986-87: New Brunswick  
 Tableau 6. Personnel et dépenses des établissements scientifiques, par ministère et programme, 1986-87: Nouveau-Brunswick

| Program and department or agency<br>Programme et ministère ou organisme | Natural sciences - Sciences naturelles |              |   |             | Social sciences - Sciences sociales |              |   |            |
|---|--|--------------|---|-------------|-------------------------------------|--------------|---|------------|
|   | Staff<br>Personnel                     |              | Intramural expenditures<br>Dépenses intra-muros |             | Staff<br>Personnel                  |              | Intramural expenditures<br>Dépenses intra-muros |            |
|   | R&D<br>R-D                             | Total<br>R-D | R&D<br>R-D                                      | Total       | R&D<br>R-D                          | Total<br>R-D | R&D<br>R-D                                      | Total      |
|   | Person years<br>Années-personnes       |              |   |             | \$ millions                         |              |   |            |
| AGR ADM   | 0                                      | 3            | 0.0   | 0.1         | 0                                   | 0            | 0.0   | 0.0        |
| AGR FOR   | 105                                    | 144          | 7.5   | 7.5         | 0                                   | 0            | 0.0   | 0.0        |
| AGR APD - AGR DAA   | 142                                    | 143          | 9.0   | 9.1         | 0                                   | 0            | 0.0   | 0.0        |
| <b>TOTAL AGR - TOTAL</b>  | <b>247</b>                             | <b>290</b>   | <b>16.5</b>                                     | <b>16.7</b> | <b>0</b>                            | <b>0</b>     | <b>0.0</b>                                      | <b>0.0</b> |
| CMHC - SCHL   | 0                                      | 0            | 0.0   | --          | 0                                   | 1            | 0.0   | --         |
| E&I CEIC  | 0                                      | 0            | 0.0   | 0.0         | 0                                   | 7            | 0.0   | 0.2        |
| EMR ADM   | 0                                      | 1            | 0.0   | --          | 0                                   | 0            | 0.0   | 0.0        |
| EMR MES - EMR MSG   | 0                                      | 0            | 0.0   | --          | 0                                   | 0            | 0.0   | 0.0        |
| <b>TOTAL EMR - TOTAL</b>  | <b>0</b>                               | <b>1</b>     | <b>0.0</b>                                      | <b>--</b>   | <b>0</b>                            | <b>0</b>     | <b>0.0</b>                                      | <b>0.0</b> |
| ENV ADM   | 0                                      | 0            | --  | --          | 0                                   | 0            | 0.0   | 0.0        |
| ENV AES - ENV SEA   | 0                                      | 19           | 0.0   | 1.1         | 0                                   | 0            | 0.0   | 0.0        |
| ENV C&P - ENV CP  | 28                                     | 71           | 1.8   | 5.0         | 1                                   | 3            | 0.1   | 0.3        |
| <b>TOTAL ENV - TOTAL</b>  | <b>28</b>                              | <b>90</b>    | <b>1.8</b>                                      | <b>6.1</b>  | <b>1</b>                            | <b>3</b>     | <b>0.1</b>                                      | <b>0.3</b> |
| FEO - P&O   | 50                                     | 91           | 3.8   | 6.5         | 0                                   | 18           | 0.0   | 1.1        |
| NRC SIR - CNR RSI   | 0                                      | 3            | 0.0   | 0.3         | 0                                   | 0            | 0.0   | 0.0        |
| RIE - EIR   | 5                                      | 5            | 0.5   | 0.5         | 0                                   | 0            | 0.0   | 0.0        |
| <b>REGION TOTAL - TOTAL REGIONAL</b>                                    | <b>330</b>                             | <b>480</b>   | <b>22.6</b>                                     | <b>30.2</b> | <b>1</b>                            | <b>29</b>    | <b>0.1</b>                                      | <b>1.7</b> |



Table 6. Staff and Expenditures of Scientific Establishments, by Department and Program, 1986-87: Quebec (excl. Hull)  
 Tableau 6. Personnel et dépenses des établissements scientifiques, par ministère et programme, 1986-87: Québec (excl. Hull)

| Program and department or agency<br>Programme et ministère ou organisme | Natural sciences - Sciences naturelles |              |   |              | Social sciences - Sciences sociales |            |   |             |
|---|--|--------------|---|--------------|-------------------------------------|------------|---|-------------|
|   | Staff<br>Personnel                     |              | Intramural expenditures<br>Dépenses intra-muros |              | Staff<br>Personnel                  |            | Intramural expenditures<br>Dépenses intra-muros |             |
|   | R&D<br>R-D                             | Total        | R&D<br>R-D                                      | Total        | R&D<br>R-D                          | Total      | R&D<br>R-D                                      | Total       |
|   | Person years<br>Années-personnes       |              |   |              | \$ millions                         |            |   |             |
| AGR ADM   | 0                                      | 5            | 0.0   | 0.2          | 0                                   | 0          | 0.0   | 0.0         |
| AGR FOR   | 94                                     | 101          | 5.9   | 6.4          | 0                                   | 0          | 0.0   | 0.0         |
| AGR AFD - AGR DAA   | 402                                    | 403          | 32.0  | 32.2         | 0                                   | 0          | 0.0   | 0.0         |
| <b>TOTAL AGR - TOTAL</b>  | <b>496</b>                             | <b>509</b>   | <b>37.9</b>                                     | <b>38.8</b>  | <b>0</b>                            | <b>0</b>   | <b>0.0</b>                                      | <b>0.0</b>  |
| CMHC - SCHL   | 0                                      | 3            | 0.0   | 0.2          | 0                                   | 12         | 0.0   | 0.7         |
| CBC - SRC   | 0                                      | 0            | 0.0   | 0.0          | 0                                   | 12         | 0.0   | 0.6         |
| CLFB - OCP  | 0                                      | 0            | 0.0   | 0.0          | 1                                   | 2          | 0.1   | 0.1         |
| CTC - CCT   | 0                                      | 0            | 0.0   | 0.0          | 0                                   | 0          | --  | --          |
| COMM  | 33                                     | 55           | 5.6   | 6.7          | 0                                   | 0          | 0.0   | 0.0         |
| E&I CEIC  | 0                                      | 0            | 0.0   | 0.0          | 0                                   | 39         | 0.0   | 1.6         |
| EMR ADM   | 0                                      | 1            | 0.0   | --           | 0                                   | 0          | 0.0   | 0.0         |
| EMR MES - EMR MSG   | 0                                      | 0            | 6.4   | 8.4          | 0                                   | 0          | 0.0   | 0.0         |
| <b>TOTAL EMR - TOTAL</b>  | <b>0</b>                               | <b>1</b>     | <b>6.4</b>                                      | <b>8.4</b>   | <b>0</b>                            | <b>0</b>   | <b>0.0</b>                                      | <b>0.0</b>  |
| ENV ADM   | 0                                      | 0            | --  | --           | 0                                   | 0          | 0.0   | 0.0         |
| ENV AES - ENV SEA   | 23                                     | 359          | 1.1   | 29.7         | 0                                   | 0          | 0.0   | 0.0         |
| ENV C&P - ENV CP  | 35                                     | 171          | 2.3   | 11.9         | 2                                   | 10         | 0.1   | 1.1         |
| <b>TOTAL ENV - TOTAL</b>  | <b>58</b>                              | <b>530</b>   | <b>3.4</b>                                      | <b>41.6</b>  | <b>2</b>                            | <b>10</b>  | <b>0.1</b>                                      | <b>1.1</b>  |
| P&O - P&O   | 76                                     | 142          | 17.4  | 30.0         | 0                                   | 19         | 0.0   | 0.9         |
| JUST LRC - JUST CRD   | 0                                      | 0            | 0.0   | 0.0          | 1                                   | 3          | 0.1   | 0.2         |
| NDEF SER - DEPN SER   | 579                                    | 579          | 41.7  | 41.7         | 0                                   | 0          | 0.0   | 0.0         |
| NFB - ONF   | 7                                      | 8            | 0.9   | 1.3          | 0                                   | 0          | 0.0   | 0.0         |
| NRC SIR - CNR RSI   | 167                                    | 214          | 27.6  | 32.4         | 0                                   | 0          | 0.0   | 0.0         |
| RIE - EIR   | 28                                     | 28           | 3.2   | 3.2          | 0                                   | 0          | 0.0   | 0.0         |
| STCAN   | 0                                      | 0            | 0.0   | 0.0          | 0                                   | 218        | 0.0   | 16.3        |
| TPT ADM   | 47                                     | 55           | 2.9   | 3.3          | 0                                   | 1          | 0.0   | 0.1         |
| TPT MAR   | 3                                      | 3            | 0.4   | 0.4          | 0                                   | 0          | 0.0   | 0.0         |
| <b>TOTAL TPT - TOTAL</b>  | <b>50</b>                              | <b>58</b>    | <b>3.3</b>                                      | <b>3.7</b>   | <b>0</b>                            | <b>1</b>   | <b>0.0</b>                                      | <b>0.1</b>  |
| <b>REGION TOTAL - TOTAL REGIONAL</b>                                    | <b>1,494</b>                           | <b>2,127</b> | <b>147.4</b>                                    | <b>208.0</b> | <b>4</b>                            | <b>316</b> | <b>0.3</b>                                      | <b>21.6</b> |



Table 6. Staff and Expenditures of Scientific Establishments, by Department and Program, 1986-87: Ontario (excl. Ottawa)  
 Tableau 6. Personnel et dépenses des établissements scientifiques, par ministère et programme, 1986-87: Ontario (excl. Ottawa)

| Program and department or agency<br>Programme et ministère ou organisme | Natural sciences - Sciences naturelles |       |   |       | Social sciences - Sciences sociales |       |   |       |
|---|--|-------|---|-------|-------------------------------------|-------|---|-------|
|   | Staff<br>Personnel                     |       | Intramural expenditures<br>Dépenses intra-muros |       | Staff<br>Personnel                  |       | Intramural expenditures<br>Dépenses intra-muros |       |
|   | R&D<br>R-D                             | Total | R&D<br>R-D                                      | Total | R&D<br>R-D                          | Total | R&D<br>R-D                                      | Total |
|   | Person years<br>Années-personnes       |       | \$ millions                                     |       | Person years<br>Années-personnes    |       | \$ millions                                     |       |
| AGR ADM   | 0                                      | 4     | 0.0   | 0.1   | 0                                   | 0     | 0.0   | 0.0   |
| AGR FOR   | 317                                    | 385   | 21.5  | 24.3  | 0                                   | 0     | 0.0   | 0.0   |
| AGR AFD - AGR DAA   | 335                                    | 337   | 20.5  | 20.7  | 0                                   | 0     | 0.0   | 0.0   |
| TOTAL AGR - TOTAL   | 652                                    | 726   | 42.0  | 45.1  | 0                                   | 0     | 0.0   | 0.0   |
| AECL - EACL   | 1,593                                  | 1,692 | 84.9  | 91.2  | 0                                   | 0     | 0.0   | 0.0   |
| CMHC - SCHL   | 0                                      | 3     | 0.0   | 0.2   | 0                                   | 11    | 0.0   | 0.6   |
| CBC - SRC   | 0                                      | 0     | 0.0   | 0.0   | 0                                   | 16    | 0.0   | 0.4   |
| CTC - CCT   | 0                                      | 0     | 0.0   | 0.0   | 0                                   | 0     | --  | --    |
| EAI CEIC  | 0                                      | 0     | 0.0   | 0.0   | 0                                   | 31    | 0.0   | 1.3   |
| EMR ADM   | 0                                      | 2     | 0.0   | 0.1   | 0                                   | 0     | 0.0   | 0.0   |
| EMR MES - EMR MSG   | 19                                     | 26    | 1.1   | 1.6   | 0                                   | 0     | 0.0   | 0.0   |
| TOTAL EMR - TOTAL   | 19                                     | 28    | 1.1   | 1.7   | 0                                   | 0     | 0.0   | 0.0   |
| ENV ADM   | 1                                      | 0--   | 0.1   | 0.1   | 0                                   | 0     | 0.0   | 0.0   |
| ENV AES - ENV SEA   | 265                                    | 978   | 17.9  | 123.8 | 0                                   | 0     | 0.0   | 0.0   |
| ENV C&P - ENV CP  | 192                                    | 306   | 12.7  | 21.4  | 11                                  | 17    | 0.6   | 1.8   |
| TOTAL ENV - TOTAL   | 458                                    | 1,284 | 30.7  | 145.3 | 11                                  | 17    | 0.6   | 1.8   |
| P&O - P&O   | 74                                     | 180   | 3.4   | 12.4  | 0                                   | 2     | --  | 0.1   |
| IJC - CMI   | 0                                      | 23    | 0.0   | 1.8   | 0                                   | 0     | 0.0   | 0.0   |
| MDEF SER - DEPM SER   | 456                                    | 456   | 25.7  | 25.7  | 18                                  | 26    | 0.9   | 1.4   |
| NHW MS - SNBS SM  | 3                                      | 3     | 0.2   | 0.2   | 0                                   | 0     | 0.0   | 0.0   |
| NRC SIR - CNR RSI   | 17                                     | 27    | 2.2   | 3.6   | 0                                   | 0     | 0.0   | 0.0   |
| RIE - EIR   | 21                                     | 21    | 2.4   | 2.4   | 0                                   | 0     | 0.0   | 0.0   |
| STCAN   | 0                                      | 0     | 0.0   | 0.0   | 0                                   | 199   | 0.0   | 15.0  |
| TPT ADM   | 0                                      | 0     | --  | --    | 0                                   | 0     | 0.0   | 0.0   |
| TPT MAR   | 2                                      | 2     | 0.3   | 0.3   | 0                                   | 0     | 0.0   | 0.0   |
| TPT SUR   | 1                                      | 2     | --  | 0.1   | 2                                   | 2     | 0.1   | 0.1   |
| TOTAL TPT - TOTAL   | 3                                      | 4     | 0.3   | 0.5   | 2                                   | 2     | 0.1   | 0.1   |
| REGION TOTAL - TOTAL REGIONAL   | 3,296                                  | 4,447 | 193.0   | 330.0 | 31                                  | 304   | 1.6   | 20.7  |



Table 6. Staff and Expenditures of Scientific Establishments, by Department and Program, 1986-87: National Capital Region  
 Tableau 6. Personnel et dépenses des établissements scientifiques, par ministère et programme, 1986-87: Région de la capitale nationale

| Program and department or agency<br><br>Programme et ministère ou organisme | Natural sciences - Sciences naturelles |              |   |              | Social sciences - Sciences sociales |            |   |             |
|---|--|--------------|---|--------------|-------------------------------------|------------|---|-------------|
|   | Staff<br>Personnel                     |              | Intramural expenditures<br>Dépenses intra-muros |              | Staff<br>Personnel                  |            | Intramural expenditures<br>Dépenses intra-muros |             |
|   | R&D<br>R-D                             | Total        | R&D<br>R-D                                      | Total        | R&D<br>R-D                          | Total      | R&D<br>R-D                                      | Total       |
|   | Person years<br>Années-personnes       |              | \$ millions                                     |              | Person years<br>Années-personnes    |            | \$ millions                                     |             |
| AGR ADM   | 0                                      | 57           | 0.0   | 4.3          | 0                                   | 0          | 0.0   | 0.0         |
| AGR FOR   | 12                                     | 32           | 2.6   | 2.8          | 0                                   | 0          | 0.0   | 0.0         |
| AGR AFD - AGR DAA   | 1,128                                  | 1,288        | 65.0  | 74.7         | 0                                   | 51         | 0.0   | 2.6         |
| <b>TOTAL AGR - TOTAL</b>  | <b>1,140</b>                           | <b>1,377</b> | <b>67.6</b>                                     | <b>81.8</b>  | <b>0</b>                            | <b>51</b>  | <b>0.0</b>                                      | <b>2.6</b>  |
| AECB - CCEA   | 14                                     | 14           | 1.1   | 1.1          | 0                                   | 0          | 0.0   | 0.0         |
| CC - CA   | 0                                      | 0            | 0.0   | 0.0          | 3                                   | 7          | 0.2   | 0.3         |
| CMHC - SCHL   | 19                                     | 24           | 1.1   | 1.4          | 37                                  | 98         | 2.2   | 5.7         |
| CBC - SRC   | 0                                      | 0            | 0.0   | 0.0          | 0                                   | 21         | 0.0   | 1.2         |
| CHRC - CCDP   | 0                                      | 0            | 0.0   | 0.0          | 0                                   | 8          | 0.0   | 0.5         |
| CIDA -ACDI  | 6                                      | 16           | 0.3   | 1.0          | 7                                   | 41         | 0.4   | 3.2         |
| CTC - CCT   | 0                                      | 0            | 0.0   | 0.0          | 24                                  | 46         | 1.1   | 2.3         |
| COL - CLO   | 0                                      | 0            | 0.0   | 0.0          | 0                                   | 61         | 0.0   | 2.9         |
| COMM  | 325                                    | 332          | 30.7  | 31.8         | 5                                   | 8          | 0.3   | 0.4         |
| CCA ADM - CC ADM  | 0                                      | 0            | 0.0   | 0.0          | 36                                  | 44         | 1.2   | 1.6         |
| CCA CON - CC CON  | 0                                      | 0            | 0.0   | 0.0          | 0                                   | 64         | 0.0   | 3.2         |
| CCA COR - CC COR  | 0                                      | 254          | 0.0   | 12.7         | 0                                   | 0          | 0.0   | 0.0         |
| <b>TOTAL CCA - TOTAL CC</b>   | <b>0</b>                               | <b>254</b>   | <b>0.0</b>                                      | <b>12.7</b>  | <b>36</b>                           | <b>108</b> | <b>1.2</b>                                      | <b>4.8</b>  |
| E&I - CEC   | 0                                      | 0            | 0.0   | 0.0          | 109                                 | 128        | 7.1   | 8.5         |
| E&I ADM   | 0                                      | 0            | 0.0   | 0.0          | 0                                   | 203        | 0.0   | 16.9        |
| E&I CBIC  | 0                                      | 0            | 0.0   | 0.0          | 0                                   | 32         | 0.0   | 1.7         |
| <b>TOTAL E&amp;I - TOTAL</b>  | <b>0</b>                               | <b>0</b>     | <b>0.0</b>                                      | <b>0.0</b>   | <b>0</b>                            | <b>235</b> | <b>0.0</b>                                      | <b>18.6</b> |
| EMR ADM   | 0                                      | 93           | 0.0   | 12.1         | 0                                   | 0          | 0.0   | 0.0         |
| EMR ENER  | 8                                      | 45           | 1.1   | 4.1          | 0                                   | 0          | 0.0   | 0.0         |
| EMR MES - EMR MSG   | 1,184                                  | 2,087        | 113.2   | 170.0        | 0                                   | 0          | 0.0   | 0.0         |
| <b>TOTAL EMR - TOTAL</b>  | <b>1,192</b>                           | <b>2,225</b> | <b>114.3</b>                                    | <b>186.2</b> | <b>0</b>                            | <b>0</b>   | <b>0.0</b>                                      | <b>0.0</b>  |
| ENV ADM   | 5                                      | 8            | 0.5   | 0.5          | 0                                   | 0          | 0.0   | 0.0         |
| ENV AES - ENV SEA   | 0                                      | 42           | 0.0   | 6.8          | 0                                   | 0          | 0.0   | 0.0         |
| ENV C&P - ENV CP  | 8                                      | 11           | 0.5   | 0.8          | 0                                   | 0          | 0.0   | 0.0         |
| ENV PC  | 0                                      | 27           | 0.1   | 6.2          | 0                                   | 169        | 0.0   | 6.4         |
| <b>TOTAL ENV - TOTAL</b>  | <b>13</b>                              | <b>88</b>    | <b>1.1</b>                                      | <b>14.3</b>  | <b>0</b>                            | <b>169</b> | <b>0.0</b>                                      | <b>6.4</b>  |



Table 6. Staff and Expenditures of Scientific Establishments, by Department and Program, 1986-87: National Capital Region - Continued  
 Tableau 6. Personnel et dépenses des établissements scientifiques, par ministère et programme, 1986-87: Région de la capitale nationale - Suite

| Program and department or agency<br>Programme et ministère ou organisme | Natural sciences - Sciences naturelles |       |   |       | Social sciences - Sciences sociales |       |   |       |
|---|--|-------|---|-------|-------------------------------------|-------|---|-------|
|   | Staff<br>Personnel                     |       | Intramural expenditures<br>Dépenses intra-muros |       | Staff<br>Personnel                  |       | Intramural expenditures<br>Dépenses intra-muros |       |
|   | R&D<br>R-D                             | Total | R&D<br>R-D                                      | Total | R&D<br>R-D                          | Total | R&D<br>R-D                                      | Total |
|   | Person years<br>Années-personnes       |       | \$ millions                                     |       | Person years<br>Années-personnes    |       | \$ millions                                     |       |
| EA CIA - AE ICE   | 0                                      | 0     | 0.0   | 0.0   | 0                                   | 107   | 0.0   | 7.9   |
| FIN PEP - FIN PPE   | 0                                      | 0     | 0.0   | 0.0   | 0                                   | 283   | 0.0   | 16.8  |
| P&O - P&O   | 19                                     | 157   | 1.2   | 10.2  | 0                                   | 50    | 0.0   | 3.3   |
| IDRC - CRDI   | 87                                     | 132   | 11.4  | 16.0  | 104                                 | 154   | 7.1   | 11.2  |
| IJC - CMI   | 0                                      | 22    | 0.0   | 1.4   | 0                                   | 0     | 0.0   | 0.0   |
| JUST ADM  | 0                                      | 0     | 0.0   | 0.0   | 0                                   | 38    | 0.0   | 1.6   |
| JUST LRC - JUST CRD   | 0                                      | 0     | 0.0   | 0.0   | 10                                  | 26    | 0.4   | 0.7   |
| TOTAL JUST - TOTAL  | 0                                      | 0     | 0.0   | 0.0   | 10                                  | 64    | 0.4   | 2.5   |
| LAB - TRAV  | 0                                      | 0     | 0.0   | 0.0   | 0                                   | 67    | 0.0   | 4.0   |
| MRC - CRM   | 51                                     | 53    | 3.8   | 3.9   | 0                                   | 0     | 0.0   | 0.0   |
| NCC - CCN   | 0                                      | 10    | 0.0   | 0.4   | 0                                   | 11    | 0.0   | 0.5   |
| NDEF SER - DEPN SER   | 235                                    | 269   | 20.5  | 22.1  | 11                                  | 42    | 0.4   | 2.0   |
| NED - ONE   | 0                                      | 6     | 0.0   | 0.3   | 0                                   | 36    | 0.0   | 2.0   |
| NHW ADM - SNBS ADM  | 0                                      | 0     | 0.0   | 0.0   | 0                                   | 139   | 0.0   | 7.5   |
| NHW HP - SNBS PS  | 254                                    | 1,067 | 13.3  | 60.6  | 0                                   | 0     | 0.0   | 0.0   |
| NHW HSS - SNBS SSSS   | 8                                      | 12    | 0.5   | 0.8   | 12                                  | 15    | 0.7   | 0.9   |
| NHW IS - SNBS SR  | 0                                      | 0     | 0.0   | 0.0   | 0                                   | 27    | 0.0   | 1.3   |
| NHW MS - SNBS SM  | 1                                      | 29    | 0.2   | 1.8   | 0                                   | 0     | 0.0   | 0.0   |
| NHW SS - SNBS SP  | 0                                      | 0     | 0.0   | 0.0   | 7                                   | 21    | 0.5   | 1.5   |
| TOTAL NHW - TOTAL SNBS  | 263                                    | 1,108 | 14.0  | 63.2  | 19                                  | 202   | 1.2   | 11.2  |
| NLC - BMC   | 0                                      | 0     | 0.0   | 0.0   | 0                                   | 530   | 0.0   | 36.1  |
| NMC - MNC   | 41                                     | 367   | 3.3   | 28.4  | 85                                  | 706   | 6.0   | 47.4  |
| NRC SIR - CNR RSI   | 2,286                                  | 2,645 | 189.3   | 223.9 | 0                                   | 0     | 0.0   | 0.0   |
| NREV TAX - REVN IMP   | 0                                      | 0     | 0.0   | 0.0   | 6                                   | 64    | 0.3   | 3.0   |
| NSERC - CRSNG   | 126                                    | 143   | 10.3  | 11.7  | 0                                   | 0     | 0.0   | 0.0   |



Table 6. Staff and Expenditures of Scientific Establishments, by Department and Program, 1986-87: National Capital Region - Concluded  
 Tableau 6. Personnel et dépenses des établissements scientifiques, par ministère et programme, 1986-87: Région de la capitale nationale - Fin

| Program and department or agency<br>Programme et ministère ou organisme | Natural sciences - Sciences naturelles |              |   |              | Social sciences - Sciences sociales |              |   |              |
|---|--|--------------|---|--------------|-------------------------------------|--------------|---|--------------|
|   | Staff<br>Personnel                     |              | Intramural expenditures<br>Dépenses intra-muros |              | Staff<br>Personnel                  |              | Intramural expenditures<br>Dépenses intra-muros |              |
|   | R&D<br>R-D                             | Total        | R&D<br>R-D                                      | Total        | R&D<br>R-D                          | Total        | R&D<br>R-D                                      | Total        |
|   | Person years<br>Années-personnes       | \$ millions  |   |              | Person years<br>Années-personnes    | \$ millions  |   |              |
| PA - AP   | 0                                      | 0            | 0.0   | 0.0          | 0                                   | 284          | 0.0   | 22.2         |
| PW - TP   | 11                                     | 52           | 1.5   | 4.2          | 0                                   | 0            | 0.0   | 0.0          |
| RIE - EIR   | 66                                     | 66           | 7.5   | 7.5          | 0                                   | 2            | 0.0   | 0.1          |
| RCMP - GRC  | 4                                      | 4            | 0.2   | 0.2          | 0                                   | 0            | 0.0   | 0.0          |
| ST  | 9                                      | 11           | 0.8   | 0.9          | 0                                   | 136          | 0.0   | 11.6         |
| SC - CS   | 0                                      | 0            | 0.0   | 0.0          | 13                                  | 30           | 1.1   | 2.3          |
| SECS ADM - SE ADM   | 0                                      | 0            | 0.0   | 0.0          | 0                                   | 7            | 0.0   | 0.3          |
| SECS CIT - SE CIT   | 0                                      | 0            | 0.0   | 0.0          | 7                                   | 7            | 0.4   | 0.4          |
| SECS ES - SE AE   | 0                                      | 0            | 0.0   | 0.0          | 2                                   | 2            | 0.2   | 0.2          |
| SECS OL - SE LO   | 0                                      | 0            | 0.0   | 0.0          | 39                                  | 39           | 1.6   | 1.6          |
| <b>TOTAL SECS - TOTAL SE</b>  | <b>0</b>                               | <b>0</b>     | <b>0.0</b>                                      | <b>0.0</b>   | <b>48</b>                           | <b>55</b>    | <b>2.2</b>                                      | <b>2.5</b>   |
| SSHRC - CRSH  | 0                                      | 0            | 0.0   | 0.0          | 48                                  | 93           | 2.8   | 5.4          |
| SGEN  | 0                                      | 0            | 0.0   | 0.0          | 66                                  | 100          | 3.3   | 4.7          |
| STCAN   | 0                                      | 0            | 0.0   | 0.0          | 115                                 | 3,499        | 8.3   | 254.5        |
| SS - ASC  | 4                                      | 5            | 0.2   | 0.2          | 0                                   | 0            | 0.0   | —            |
| TPT ADM   | 8                                      | 9            | 0.7   | 1.3          | 0                                   | 0            | 0.0   | 0.0          |
| TPT AIR - TPT AER   | 10                                     | 30           | 2.2   | 3.9          | 0                                   | 0            | 0.0   | 0.0          |
| TPT APT   | 0                                      | 5            | 0.0   | 0.3          | 0                                   | 0            | 0.0   | 0.0          |
| TPT MAR   | 9                                      | 9            | 0.5   | 0.5          | 0                                   | 0            | 0.0   | 0.0          |
| <b>TOTAL TPT - TOTAL</b>  | <b>27</b>                              | <b>53</b>    | <b>3.4</b>                                      | <b>6.0</b>   | <b>0</b>                            | <b>0</b>     | <b>0.0</b>                                      | <b>0.0</b>   |
| TB - CT   | 0                                      | 0            | 0.0   | 0.0          | 0                                   | 229          | 0.0   | 18.3         |
| <b>REGION TOTAL - TOTAL REGIONAL</b>                                    | <b>5,938</b>                           | <b>9,433</b> | <b>483.6</b>                                    | <b>730.9</b> | <b>746</b>                          | <b>7,725</b> | <b>45.6</b>                                     | <b>936.9</b> |



Table 6. Staff and Expenditures of Scientific Establishments, by Department and Program, 1986-87: Manitoba  
 Tableau 6. Personnel et dépenses des établissements scientifiques, par ministère et programme, 1986-87: Manitoba

| Program and department or agency<br>Programme et ministère ou organisme | Natural sciences - Sciences naturelles |              |   |             | Social sciences - Sciences sociales |              |   |             |
|---|--|--------------|---|-------------|-------------------------------------|--------------|---|-------------|
|   | Staff<br>Personnel                     |              | Intramural expenditures<br>Dépenses intra-muros |             | Staff<br>Personnel                  |              | Intramural expenditures<br>Dépenses intra-muros |             |
|   | R&D<br>R-D                             | Total<br>R-D | R&D<br>R-D                                      | Total       | R&D<br>R-D                          | Total<br>R-D | R&D<br>R-D                                      | Total       |
|   | Person years<br>Années-personnes       |              |   |             | \$ millions<br>Années-personnes     |              |   |             |
| AGR ADM   | 0                                      | 4            | 0.0   | 0.1         | 0                                   | 0            | 0.0   | 0.0         |
| AGR CGC - AGR CCG   | 48                                     | 114          | 3.6   | 6.2         | 0                                   | 0            | 0.0   | 0.0         |
| AGR AFD - AGR DAA   | 240                                    | 241          | 13.6  | 13.7        | 0                                   | 0            | 0.0   | 0.0         |
| <b>TOTAL AGR - TOTAL</b>  | <b>288</b>                             | <b>359</b>   | <b>17.2</b>                                     | <b>20.0</b> | <b>0</b>                            | <b>0</b>     | <b>0.0</b>                                      | <b>0.0</b>  |
| AECL - EACL   | 858                                    | 911          | 45.7  | 49.1        | 0                                   | 0            | 0.0   | 0.0         |
| CMHC - SCHL   | 0                                      | 0            | 0.0   | --          | 0                                   | 0            | 0.0   | --          |
| CTC - CCT   | 0                                      | 0            | 0.0   | 0.0         | 0                                   | 0            | --  | --          |
| E&I CEIC  | 0                                      | 0            | 0.0   | 0.0         | 0                                   | 6            | 0.0   | 0.2         |
| EMR ADM   | 0                                      | 1            | 0.0   | --          | 0                                   | 0            | 0.0   | 0.0         |
| EMR MES - EMR MSG   | 0                                      | 2            | 0.0   | 0.1         | 0                                   | 0            | 0.0   | 0.0         |
| <b>TOTAL EMR - TOTAL</b>  | <b>0</b>                               | <b>3</b>     | <b>0.0</b>                                      | <b>0.1</b>  | <b>0</b>                            | <b>0</b>     | <b>0.0</b>                                      | <b>0.0</b>  |
| ENV AES - ENV SEA   | 0                                      | 179          | 0.0   | 10.0        | 0                                   | 0            | 0.0   | 0.0         |
| ENV C&P - ENV CP  | 9                                      | 55           | 0.6   | 3.8         | 1                                   | 2            | 0.1   | 0.2         |
| <b>TOTAL ENV - TOTAL</b>  | <b>9</b>                               | <b>234</b>   | <b>0.6</b>                                      | <b>13.8</b> | <b>1</b>                            | <b>2</b>     | <b>0.1</b>                                      | <b>0.2</b>  |
| P&O - P&O   | 111                                    | 123          | 7.8   | 8.5         | 0                                   | 4            | 0.0   | 0.2         |
| NRC SIR - CNR RSI   | 7                                      | 9            | 5.4   | 5.6         | 0                                   | 0            | 0.0   | 0.0         |
| RIE - EIR   | 9                                      | 9            | 1.1   | 1.1         | 0                                   | 0            | 0.0   | 0.0         |
| STCAN   | 0                                      | 0            | 0.0   | 0.0         | 0                                   | 158          | 0.0   | 11.9        |
| <b>REGION TOTAL - TOTAL REGIONAL</b>                                    | <b>1,282</b>                           | <b>1,648</b> | <b>77.9</b>                                     | <b>98.3</b> | <b>1</b>                            | <b>170</b>   | <b>0.1</b>                                      | <b>12.6</b> |



Table 6. Staff and Expenditures of Scientific Establishments, by Department and Program, 1986-87: Saskatchewan  
 Tableau 6. Personnel et dépenses des établissements scientifiques, par ministère et programme, 1986-87: Saskatchewan

| Program and department or agency<br><br>Programme et ministère ou organisme | Natural sciences - Sciences naturelles |              |   |             | Social sciences - Sciences sociales |              |   |            |
|---|--|--------------|---|-------------|-------------------------------------|--------------|---|------------|
|   | Staff<br>Personnel                     |              | Intramural expenditures<br>Dépenses intra-muros |             | Staff<br>Personnel                  |              | Intramural expenditures<br>Dépenses intra-muros |            |
|   | R&D<br>R-D                             | Total<br>R-D | R&D<br>R-D                                      | Total       | R&D<br>R-D                          | Total<br>R-D | R&D<br>R-D                                      | Total      |
|   | Person years<br>Années-personnes       |              |   |             | \$ millions                         |              |   |            |
| AGR ADM   | 0                                      | 5            | 0.0   | 0.2         | 0                                   | 0            | 0.0   | 0.0        |
| AGR AFD - AGR DAA   | 364                                    | 367          | 21.5  | 21.7        | 0                                   | 0            | 0.0   | 0.0        |
| <b>TOTAL AGR - TOTAL</b>  | <b>364</b>                             | <b>372</b>   | <b>21.5</b>                                     | <b>21.9</b> | <b>0</b>                            | <b>0</b>     | <b>0.0</b>                                      | <b>0.0</b> |
| CMHC - SCHL   | 0                                      | 0            | 0.0   | --          | 0                                   | 1            | 0.0   | 0.1        |
| E&I CEIC  | 0                                      | 0            | 0.0   | 0.0         | 0                                   | 3            | 0.0   | 0.1        |
| EMR ADM   | 0                                      | 1            | 0.0   | --          | 0                                   | 0            | 0.0   | 0.0        |
| EMR MES - EMR MSG   | 5                                      | 5            | 0.7   | 2.9         | 0                                   | 0            | 0.0   | 0.0        |
| <b>TOTAL EMR - TOTAL</b>  | <b>5</b>                               | <b>6</b>     | <b>0.7</b>                                      | <b>2.9</b>  | <b>0</b>                            | <b>0</b>     | <b>0.0</b>                                      | <b>0.0</b> |
| ENV ADM   | 0                                      | 0            | --  | --          | 0                                   | 0            | 0.0   | 0.0        |
| ENV AES - ENV SEA   | 0                                      | 51           | 0.0   | 2.4         | 0                                   | 0            | 0.0   | 0.0        |
| ENV C&P - ENV CP  | 87                                     | 128          | 5.7   | 8.9         | 4                                   | 9            | 0.2   | 1.0        |
| <b>TOTAL ENV - TOTAL</b>  | <b>87</b>                              | <b>179</b>   | <b>5.7</b>                                      | <b>11.3</b> | <b>4</b>                            | <b>9</b>     | <b>0.2</b>                                      | <b>1.0</b> |
| NRC SIR - CNR RSI   | 98                                     | 110          | 8.7   | 10.1        | 0                                   | 0            | 0.0   | 0.0        |
| RIE - EIR   | 4                                      | 4            | 0.4   | 0.4         | 0                                   | 0            | 0.0   | 0.0        |
| <b>REGION TOTAL - TOTAL REGIONAL</b>  | <b>558</b>                             | <b>671</b>   | <b>37.0</b>                                     | <b>46.7</b> | <b>4</b>                            | <b>13</b>    | <b>0.2</b>                                      | <b>1.2</b> |

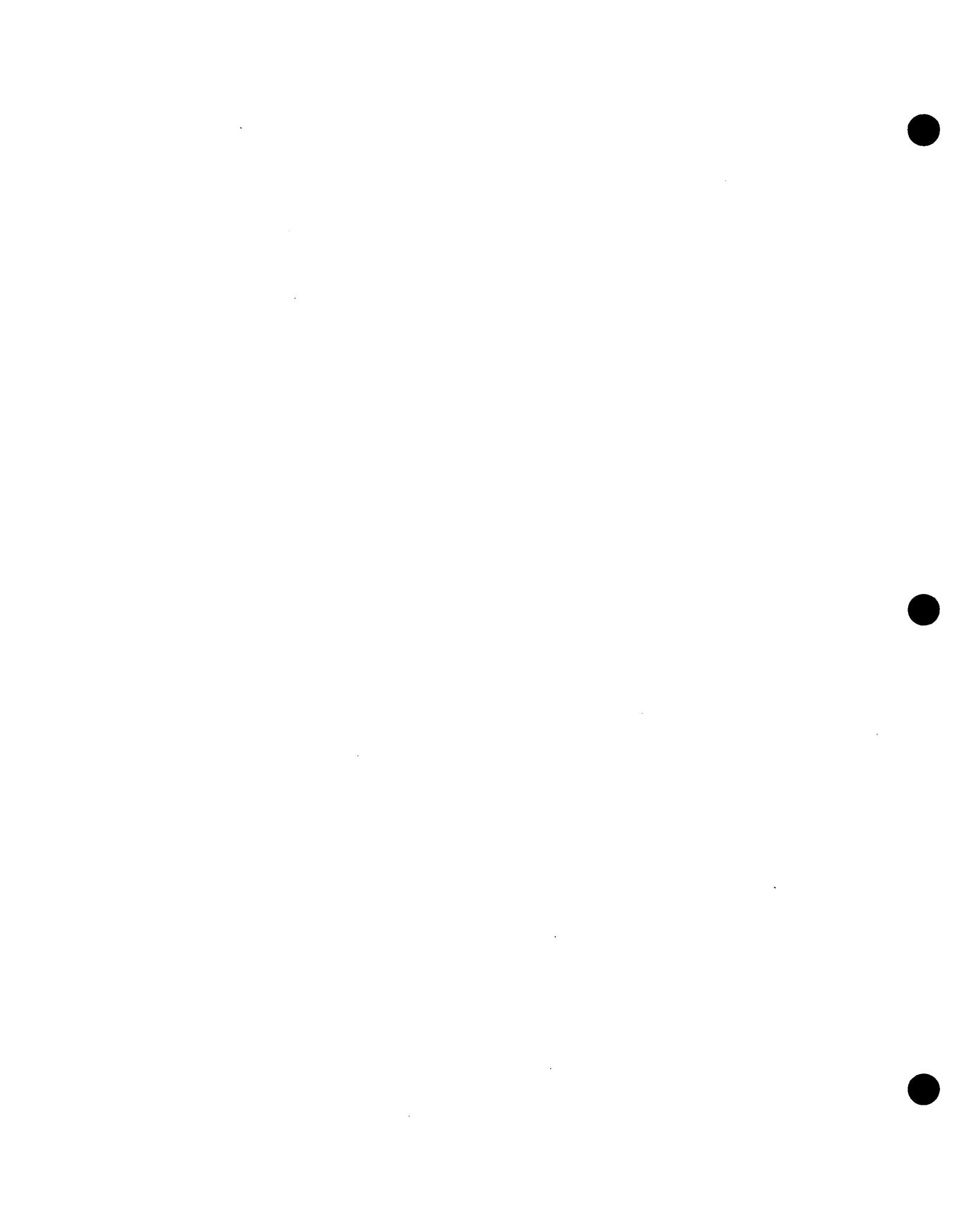


Table 6. Staff and Expenditures of Scientific Establishments, by Department and Program, 1986-87: Alberta  
 Tableau 6. Personnel et dépenses des établissements scientifiques, par ministère et programme, 1986-87: Alberta

| Program and department or agency<br><br>Programme et ministère ou organisme | Natural sciences - Sciences naturelles |              |   |             | Social sciences - Sciences sociales |              |   |            |
|---|--|--------------|---|-------------|-------------------------------------|--------------|---|------------|
|   | Staff<br>Personnel                     |              | Intramural expenditures<br>Dépenses intra-muros |             | Staff<br>Personnel                  |              | Intramural expenditures<br>Dépenses intra-muros |            |
|   | R&D<br>R-D                             | Total<br>R-D | R&D<br>R-D                                      | Total       | R&D<br>R-D                          | Total<br>R-D | R&D<br>R-D                                      | Total      |
|   | Person years<br>Années-personnes       |              |   |             | \$ millions                         |              |   |            |
| AGR ADM   | 0                                      | 6            | 0.0   | 0.2         | 0                                   | 0            | 0.0   | 0.0        |
| AGR FOR   | 83                                     | 93           | 5.8   | 7.0         | 0                                   | 0            | 0.0   | 0.0        |
| AGR AFD - AGR DAA   | 451                                    | 482          | 28.3  | 30.3        | 0                                   | 0            | 0.0   | 0.0        |
| <b>TOTAL AGR - TOTAL</b>  | <b>534</b>                             | <b>581</b>   | <b>34.1</b>                                     | <b>37.5</b> | <b>0</b>                            | <b>0</b>     | <b>0.0</b>                                      | <b>0.0</b> |
| CMHC - SCHL   | 0                                      | 1            | 0.0   | --          | 0                                   | 3            | 0.0   | 0.2        |
| E&I CEIC  | 0                                      | 0            | 0.0   | 0.0         | 0                                   | 10           | 0.0   | --         |
| EMR ADM   | 0                                      | 1            | 0.0   | --          | 0                                   | 0            | 0.0   | 0.0        |
| EMR MES - EMR MSG   | 167                                    | 211          | 18.0  | 20.6        | 0                                   | 0            | 0.0   | 0.0        |
| <b>TOTAL EMR - TOTAL</b>  | <b>167</b>                             | <b>212</b>   | <b>18.0</b>                                     | <b>20.6</b> | <b>0</b>                            | <b>0</b>     | <b>0.0</b>                                      | <b>0.0</b> |
| ENV ADM   | 0                                      | 0            | --  | --          | 0                                   | 0            | 0.0   | 0.0        |
| ENV AES - ENV SEA   | 0                                      | 230          | 0.0   | 9.2         | 0                                   | 0            | 0.0   | 0.0        |
| ENV C&P - ENV CP  | 32                                     | 189          | 2.1   | 13.3        | 0                                   | 12           | 0.0   | 1.2        |
| <b>TOTAL ENV - TOTAL</b>  | <b>32</b>                              | <b>419</b>   | <b>2.1</b>                                      | <b>22.5</b> | <b>0</b>                            | <b>12</b>    | <b>0.0</b>                                      | <b>1.2</b> |
| NDEF SER - DEFN SER   | 183                                    | 183          | 13.0  | 13.0        | 0                                   | 0            | 0.0   | 0.0        |
| NRC SIR - CNR RSI   | 0                                      | 2            | 0.0   | 0.2         | 0                                   | 0            | 0.0   | 0.0        |
| RIB - EIR   | 3                                      | 3            | 0.3   | 0.3         | 0                                   | 0            | 0.0   | 0.0        |
| STCAN   | 0                                      | 0            | 0.0   | 0.0         | 0                                   | 69           | 0.0   | 5.2        |
| <b>REGION TOTAL - TOTAL REGIONAL</b>  | <b>919</b>                             | <b>1,401</b> | <b>67.6</b>                                     | <b>94.2</b> | <b>0</b>                            | <b>94</b>    | <b>0.0</b>                                      | <b>6.7</b> |

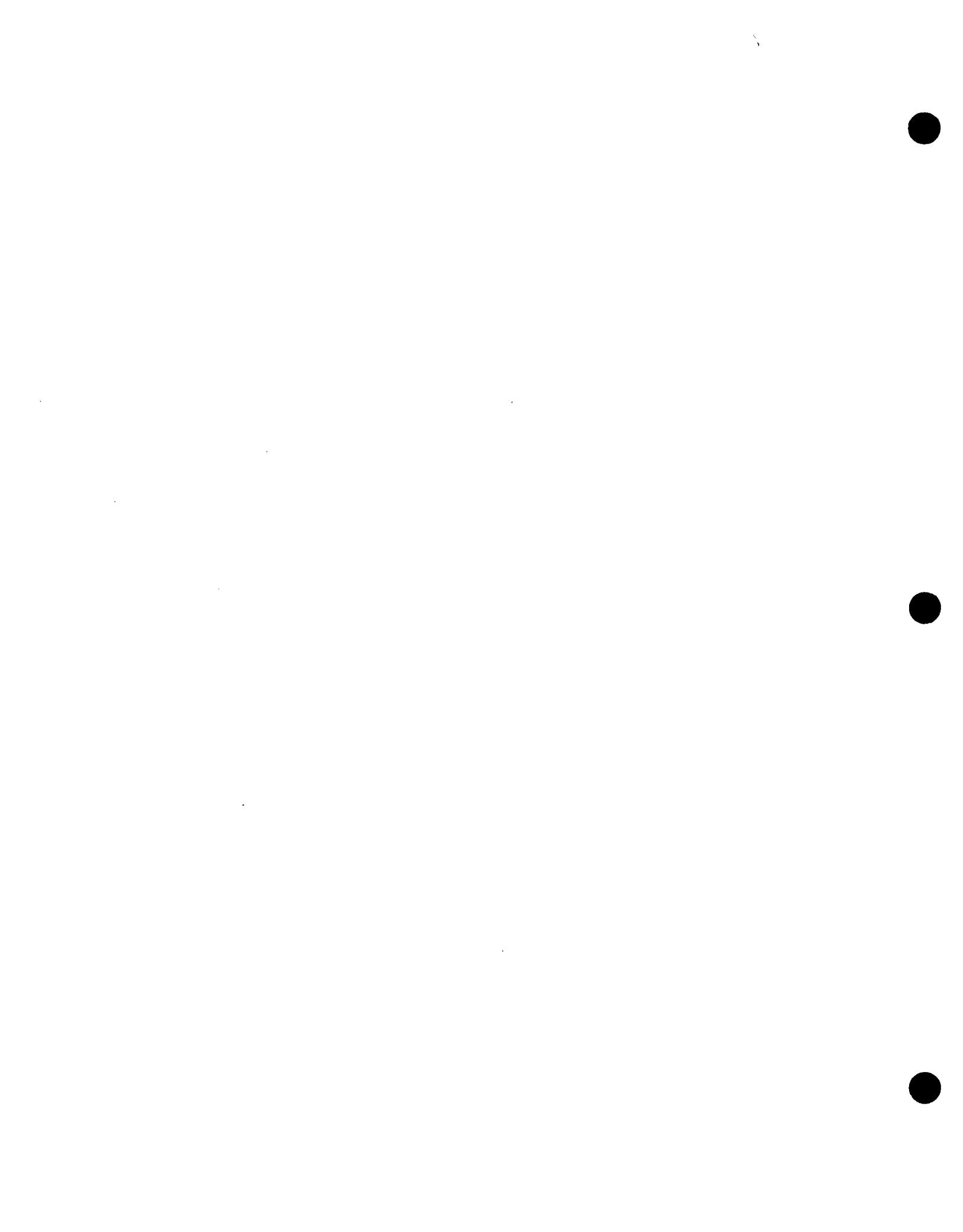


Table 6. Staff and Expenditures of Scientific Establishments, by Department and Program, 1986-87: British Columbia  
 Tableau 6. Personnel et dépenses des établissements scientifiques, par ministère et programme, 1986-87: Colombie-Britannique

| Program and department or agency    | Natural sciences - Sciences naturelles |             |                         |       | Social sciences - Sciences sociales |             |                         |       |
|-------------------------------------|--|-------------|-------------------------|-------|-------------------------------------|-------------|-------------------------|-------|
|                                     | Staff                                  |             | Intramural expenditures |       | Staff                               |             | Intramural expenditures |       |
|                                     | Personnel                              |             | Dépenses intra-muros    |       | Personnel                           |             | Dépenses intra-muros    |       |
| Programme et ministère ou organisme | R&D                                    | Total       | R&D                     | Total | R&D                                 | Total       | R&D                     | Total |
|                                     | R-D                                    | R-D         | R-D                     | R-D   | R-D                                 | R-D         | R-D                     | Total |
|                                     | Person years                           | \$ millions |                         |       | Person years                        | \$ millions |                         |       |
|                                     | Années-personnes                       |             |                         |       | Années-personnes                    |             |                         |       |
| AGR ADM                             | 0                                      | 4           | 0.0                     | 0.1   | 0                                   | 0           | 0.0                     | 0.0   |
| AGR FOR                             | 104                                    | 136         | 6.5                     | 8.6   | 0                                   | 0           | 0.0                     | 0.0   |
| AGR APD - AGR DAA                   | 271                                    | 271         | 23.9                    | 23.9  | 0                                   | 0           | 0.0                     | 0.0   |
| TOTAL AGR - TOTAL                   | 375                                    | 411         | 30.4                    | 32.6  | 0                                   | 0           | 0.0                     | 0.0   |
| CMHC - SCHL                         | 0                                      | 2           | 0.0                     | 0.1   | 0                                   | 6           | 0.0                     | 0.3   |
| E&I CEIC                            | 0                                      | 0           | 0.0                     | 0.0   | 0                                   | 19          | 0.0                     | 0.7   |
| EMR ADM                             | 0                                      | 0           | 0.0                     | --    | 0                                   | 0           | 0.0                     | 0.0   |
| EMR MES - EMR MSG                   | 72                                     | 75          | 8.1                     | 8.3   | 0                                   | 0           | 0.0                     | 0.0   |
| TOTAL EMR - TOTAL                   | 72                                     | 75          | 8.1                     | 8.3   | 0                                   | 0           | 0.0                     | 0.0   |
| ENV ADM                             | 0                                      | 0           | --                      | --    | 0                                   | 0           | 0.0                     | 0.0   |
| ENV AES - ENV SEA                   | 0                                      | 211         | 0.0                     | 15.0  | 0                                   | 0           | 0.0                     | 0.0   |
| ENV C&P - ENV CP                    | 16                                     | 142         | 1.0                     | 9.9   | 2                                   | 5           | 0.1                     | 0.6   |
| TOTAL ENV - TOTAL                   | 16                                     | 353         | 1.0                     | 24.9  | 2                                   | 5           | 0.1                     | 0.6   |
| P&O - P&O                           | 382                                    | 528         | 36.6                    | 49.3  | 0                                   | 26          | 0.0                     | 1.4   |
| IDRC - CRDI                         | 2                                      | 3           | 0.2                     | 0.3   | 0                                   | 0           | 0.0                     | 0.0   |
| NDEF SER - DEFN SER                 | 136                                    | 136         | 10.4                    | 10.4  | 0                                   | 0           | 0.0                     | 0.0   |
| NRC SIR - CNR RSI                   | 79                                     | 96          | 6.9                     | 8.9   | 0                                   | 0           | 0.0                     | 0.0   |
| RIE - EIR                           | 5                                      | 5           | 0.6                     | 0.6   | 0                                   | 0           | 0.0                     | 0.0   |
| STCAN                               | 0                                      | 0           | 0.0                     | 0.0   | 0                                   | 133         | 0.0                     | 10.0  |
| TPT ADM                             | 0                                      | 0           | --                      | --    | 0                                   | 0           | 0.0                     | 0.0   |
| REGION TOTAL - TOTAL REGIONAL       | 1,067                                  | 1,609       | 94.2                    | 135.4 | 2                                   | 189         | 0.1                     | 12.9  |



Table 6. Staff and Expenditures of Scientific Establishments, by Department and Program, 1986-87: Yukon and Northwest Territories

Tableau 6. Personnel et dépenses des établissements scientifiques, par ministère et programme, 1986-87: Yukon et Territoires du Nord-Ouest

| Program and department or agency<br>Programme et ministère ou organisme | Natural sciences - Sciences naturelles |              |   |             | Social sciences - Sciences sociales |              |   |            |
|---|--|--------------|---|-------------|-------------------------------------|--------------|---|------------|
|   | Staff<br>Personnel                     |              | Intramural expenditures<br>Dépenses intra-muros |             | Staff<br>Personnel                  |              | Intramural expenditures<br>Dépenses intra-muros |            |
|   | R&D<br>R-D                             | Total<br>R-D | R&D<br>R-D                                      | Total       | R&D<br>R-D                          | Total<br>R-D | R&D<br>R-D                                      | Total      |
|   | Person years<br>Années-personnes       |              | \$ millions                                     |             | Person years<br>Années-personnes    |              | \$ millions                                     |            |
| CMHC - SCHL   | 0                                      | 0            | 0.0   | --          | 0                                   | 1            | 0.0   | --         |
| EMR MES - EMR MSG   | 0                                      | 21           | 0.0   | 6.5         | 0                                   | 0            | 0.0   | 0.0        |
| ENV ADM   | 0                                      | 0            | --  | --          | 0                                   | 0            | 0.0   | 0.0        |
| ENV AES - ENV SEA   | 0                                      | 106          | 0.0   | 14.0        | 0                                   | 0            | 0.0   | 0.0        |
| ENV C&P - ENV CP  | 2                                      | 7            | 0.1   | 0.5         | 0                                   | 0            | 0.0   | 0.0        |
| <b>TOTAL ENV - TOTAL</b>  | <b>2</b>                               | <b>113</b>   | <b>0.1</b>                                      | <b>14.5</b> | <b>0</b>                            | <b>0</b>     | <b>0.0</b>                                      | <b>0.0</b> |
| IAND NA - AIN AN  | 15                                     | 19           | 1.0   | 1.3         | 0                                   | 4            | --  | 0.2        |
| RIE - EIR   | 2                                      | 2            | 0.2   | 0.2         | 0                                   | 0            | 0.0   | 0.0        |
| <b>REGION TOTAL - TOTAL REGIONAL</b>                                    | <b>19</b>                              | <b>155</b>   | <b>1.3</b>                                      | <b>22.5</b> | <b>0</b>                            | <b>5</b>     | <b>--</b>                                       | <b>0.2</b> |



Table 6. Staff and Expenditures of Scientific Establishments, by Department and Program, 1986-87: Canada  
 Tableau 6. Personnel et dépenses des établissements scientifiques, par ministère et programme, 1986-87: Canada

| Program and department or agency<br>Programme et ministère ou organisme | Natural sciences - Sciences naturelles |              |   |              | Social sciences - Sciences sociales |              |   |             |
|---|--|--------------|---|--------------|-------------------------------------|--------------|---|-------------|
|   | Staff<br>Personnel                     |              | Intramural expenditures<br>Dépenses intra-muros |              | Staff<br>Personnel                  |              | Intramural expenditures<br>Dépenses intra-muros |             |
|   | R&D<br>R-D                             | Total<br>R-D | R&D<br>R-D                                      | Total        | R&D<br>R-D                          | Total<br>R-D | R&D<br>R-D                                      | Total       |
|   | Person years<br>Années-personnes       |              |   |              | \$ millions                         |              |   |             |
| AGR ADM   | 0                                      | 91           | 0.0   | 5.4          | 0                                   | 0            | 0.0   | 0.0         |
| AGR FOR   | 779                                    | 955          | 53.4  | 60.3         | 0                                   | 0            | 0.0   | 0.0         |
| AGR CGC - AGR CCG   | 48                                     | 114          | 3.6   | 6.2          | 0                                   | 0            | 0.0   | 0.0         |
| AGR AFD - AGR DAA   | 3,621                                  | 3,820        | 231.2   | 243.7        | 0                                   | 51           | 0.0   | 2.6         |
| <b>TOTAL AGR - TOTAL</b>  | <b>4,448</b>                           | <b>4,980</b> | <b>288.2</b>                                    | <b>315.6</b> | <b>0</b>                            | <b>51</b>    | <b>0.0</b>                                      | <b>2.6</b>  |
| AECB - CCEA   | 14                                     | 14           | 1.1   | 1.1          | 0                                   | 0            | 0.0   | 0.0         |
| AECL - EACL   | 2,451                                  | 2,603        | 130.6   | 140.3        | 0                                   | 0            | 0.0   | 0.0         |
| CC - CA   | 0                                      | 0            | 0.0   | 0.0          | 3                                   | 7            | 0.2   | 0.3         |
| CMHC - SCHL   | 19                                     | 33           | 1.1   | 1.9          | 37                                  | 134          | 2.2   | 7.8         |
| CBC - SRC   | 0                                      | 0            | 0.0   | 0.0          | 0                                   | 49           | 0.0   | 2.2         |
| CHRC - CCDP   | 0                                      | 0            | 0.0   | 0.0          | 0                                   | 8            | 0.0   | 0.5         |
| CIDA - ACDI   | 6                                      | 16           | 0.3   | 1.0          | 7                                   | 41           | 0.4   | 3.2         |
| CLFB - OCP  | 0                                      | 0            | 0.0   | 0.0          | 1                                   | 2            | 0.1   | 0.1         |
| CTC - CCT   | 0                                      | 0            | 0.0   | 0.0          | 24                                  | 46           | 1.2   | 2.3         |
| COL - CLO   | 0                                      | 0            | 0.0   | 0.0          | 0                                   | 61           | 0.0   | 2.9         |
| COMM  | 358                                    | 387          | 36.3  | 38.5         | 5                                   | 8            | 0.3   | 0.4         |
| CCA ADM - CC ADM  | 0                                      | 0            | 0.0   | 0.0          | 36                                  | 44           | 1.2   | 1.6         |
| CCA CON - CC CON  | 0                                      | 0            | 0.0   | 0.0          | 0                                   | 64           | 0.0   | 3.2         |
| CCA COR - CC COR  | 0                                      | 254          | 0.0   | 12.7         | 0                                   | 0            | 0.0   | 0.0         |
| <b>TOTAL CCA - TOTAL CC</b>   | <b>0</b>                               | <b>254</b>   | <b>0.0</b>                                      | <b>12.7</b>  | <b>36</b>                           | <b>108</b>   | <b>1.2</b>                                      | <b>4.8</b>  |
| ECC - CEC   | 0                                      | 0            | 0.0   | 0.0          | 109                                 | 128          | 7.1   | 8.5         |
| E&I ADM   | 0                                      | 0            | 0.0   | 0.0          | 0                                   | 203          | 0.0   | 16.9        |
| E&I CEIC  | 0                                      | 0            | 0.0   | 0.0          | 0                                   | 183          | 0.0   | 7.2         |
| <b>TOTAL E&amp;I - TOTAL</b>  | <b>0</b>                               | <b>0</b>     | <b>0.0</b>                                      | <b>0.0</b>   | <b>0</b>                            | <b>386</b>   | <b>0.0</b>                                      | <b>24.1</b> |
| EMR ADM   | 0                                      | 100          | 0.0   | 12.3         | 0                                   | 0            | 0.0   | 0.0         |
| EMR ENER  | 8                                      | 45           | 1.1   | 4.1          | 0                                   | 0            | 0.0   | 0.0         |
| EMR MES - EMR MSG   | 1,583                                  | 2,568        | 158.6   | 229.9        | 0                                   | 0            | 0.0   | 0.0         |
| <b>TOTAL EMR - TOTAL</b>  | <b>1,591</b>                           | <b>2,713</b> | <b>159.7</b>                                    | <b>246.3</b> | <b>0</b>                            | <b>0</b>     | <b>0.0</b>                                      | <b>0.0</b>  |



Table 6. Staff and Expenditures of Scientific Establishments, by Department and Program, 1986-87: Canada - Continued  
 Tableau 6. Personnel et dépenses des établissements scientifiques, par ministère et programme, 1986-87: Canada - Suite

| Program and department or agency | Natural sciences - Sciences naturelles |              |  |              | Social sciences - Sciences sociales |              |  |             |  |
|----------------------------------|--|--------------|--|--------------|-------------------------------------|--------------|--|-------------|--|
|                                  | Staff Personnel                        |              | Intramural expenditures Dépenses intra-muros |              | Staff Personnel                     |              | Intramural expenditures Dépenses intra-muros |             |  |
|                                  | R&D<br>R-D                             | Total<br>R-D | R&D<br>R-D                                   | Total        | R&D<br>R-D                          | Total<br>R-D | R&D<br>R-D                                   | Total       |  |
| Person years Années-personnes    |  |              |  | \$ millions  |                                     |              |  | \$ millions |  |
| ENV ADM                          | 6                                      | 8            | 0.7  | 0.8          | 0                                   | 0            | 0.0  | 0.0         |  |
| ENV AES - ENV SEA                | 288                                    | 2,420        | 19.0   | 224.5        | 0                                   | 0            | 0.0  | 0.0         |  |
| ENV C&P - ENV CP                 | 425                                    | 1,138        | 28.0   | 79.6         | 21                                  | 60           | 1.1  | 6.5         |  |
| ENV PC                           | 0                                      | 27           | 0.1  | 6.2          | 0                                   | 169          | 0.0  | 6.4         |  |
| <b>TOTAL ENV - TOTAL</b>         | <b>719</b>                             | <b>3,593</b> | <b>47.8</b>                                  | <b>311.1</b> | <b>21</b>                           | <b>229</b>   | <b>1.1</b>                                   | <b>12.9</b> |  |
| EA CIA - AE ICE                  | 0                                      | 0            | 0.0  | 0.0          | 0                                   | 107          | 0.0  | 7.9         |  |
| FIN PEP - FIN PFE                | 0                                      | 0            | 0.0  | 0.0          | 0                                   | 283          | 0.0  | 16.8        |  |
| FEO - PFO                        | 1,346                                  | 2,239        | 118.2  | 198.0        | 0                                   | 197          | --   | 10.9        |  |
| IAND NA - AIN AN                 | 15                                     | 19           | 1.0  | 1.3          | 0                                   | 4            | --   | 0.2         |  |
| IDRC - CRDI                      | 89                                     | 135          | 11.6   | 16.3         | 104                                 | 154          | 7.1  | 11.2        |  |
| IJC - CMI                        | 0                                      | 45           | 0.0  | 3.2          | 0                                   | 0            | 0.0  | 0.0         |  |
| JUST ADM                         | 0                                      | 0            | 0.0  | 0.0          | 0                                   | 38           | 0.0  | 1.8         |  |
| JUST LRC - JUST CRD              | 0                                      | 0            | 0.0  | 0.0          | 11                                  | 29           | 0.5  | 0.9         |  |
| <b>TOTAL JUST - TOTAL</b>        | <b>0</b>                               | <b>0</b>     | <b>0.0</b>                                   | <b>0.0</b>   | <b>11</b>                           | <b>67</b>    | <b>0.5</b>                                   | <b>2.7</b>  |  |
| LAB - TRAV                       | 0                                      | 0            | 0.0  | 0.0          | 0                                   | 67           | 0.0  | 4.0         |  |
| MRC - CRM                        | 51                                     | 53           | 3.8  | 3.9          | 0                                   | 0            | 0.0  | 0.0         |  |
| NCC - CCN                        | 0                                      | 10           | 0.0  | 0.4          | 0                                   | 11           | 0.0  | 0.5         |  |
| NDEF SER - DEPN SER              | 1,799                                  | 1,833        | 124.5  | 126.1        | 29                                  | 68           | 1.3  | 3.4         |  |
| NEB - ONE                        | 0                                      | 6            | 0.0  | 0.3          | 0                                   | 36           | 0.0  | 2.0         |  |
| NFB - ONF                        | 7                                      | 8            | 0.9  | 1.3          | 0                                   | 0            | 0.0  | 0.0         |  |
| NHW ADM - SNBS ADM               | 0                                      | 0            | 0.0  | 0.0          | 0                                   | 139          | 0.0  | 7.5         |  |
| NHW HP - SNBS PS                 | 254                                    | 1,067        | 13.3   | 60.6         | 0                                   | 0            | 0.0  | 0.0         |  |
| NHW HSS - SNBS SSSS              | 8                                      | 12           | 0.5  | 0.8          | 12                                  | 15           | 0.7  | 0.9         |  |
| NHW IS - SNBS SR                 | 0                                      | 0            | 0.0  | 0.0          | 0                                   | 27           | 0.0  | 1.3         |  |
| NHW MS - SNBS SM                 | 4                                      | 32           | 0.4  | 2.0          | 0                                   | 0            | 0.0  | 0.0         |  |
| NHW SS - SNBS SP                 | 0                                      | 0            | 0.0  | 0.0          | 7                                   | 21           | 0.5  | 1.5         |  |
| <b>TOTAL NHW - TOTAL SNBS</b>    | <b>266</b>                             | <b>1,111</b> | <b>14.2</b>                                  | <b>63.4</b>  | <b>19</b>                           | <b>202</b>   | <b>1.2</b>                                   | <b>11.2</b> |  |
| NLC - BNC                        | 0                                      | 0            | 0.0  | 0.0          | 0                                   | 530          | 0.0  | 36.1        |  |



Table 6. Staff and Expenditures of Scientific Establishments, by Department and Program, 1986-87: Canada - Concluded  
 Tableau 6. Personnel et dépenses des établissements scientifiques, par ministère et programme, 1986-87: Canada - Fin

| Program and department or agency<br>Programme et ministère ou organisme | Natural sciences - Sciences naturelles |              |   |         | Social sciences - Sciences sociales |              |   |       |
|---|--|--------------|---|---------|-------------------------------------|--------------|---|-------|
|   | Staff<br>Personnel                     |              | Intramural expenditures<br>Dépenses intra-muros |         | Staff<br>Personnel                  |              | Intramural expenditures<br>Dépenses intra-muros |       |
|   | R&D<br>R-D                             | Total<br>R-D | R&D<br>R-D                                      | Total   | R&D<br>R-D                          | Total<br>R-D | R&D<br>R-D                                      | Total |
|   | Person years<br>Années-personnes       |              | \$ millions                                     |         | Person years<br>Années-personnes    |              | \$ millions                                     |       |
| NMC - MNC   | 41                                     | 367          | 3.3   | 28.4    | 85                                  | 706          | 6.0   | 47.4  |
| NRC SIR - CNR RSI   | 2,783                                  | 3,256        | 252.7   | 299.9   | 0                                   | 0            | 0.0   | 0.0   |
| NREV TAX - REVN IMP   | 0                                      | 0            | 0.0   | 0.0     | 6                                   | 64           | 0.3   | 3.0   |
| NSERC - CRSNG   | 126                                    | 143          | 10.3  | 11.7    | 0                                   | 0            | 0.0   | 0.0   |
| PA - AP   | 0                                      | 0            | 0.0   | 0.0     | 0                                   | 284          | 0.0   | 22.2  |
| PW - TP   | 11                                     | 52           | 1.5   | 4.2     | 0                                   | 0            | 0.0   | 0.0   |
| RIE - EIR   | 165                                    | 165          | 18.8  | 18.8    | 0                                   | 2            | 0.0   | 0.1   |
| RCMP - GRC  | 4                                      | 4            | 0.2   | 0.2     | 0                                   | 0            | 0.0   | 0.0   |
| ST  | 9                                      | 11           | 0.8   | 0.9     | 0                                   | 136          | 0.0   | 11.6  |
| SC - CS   | 0                                      | 0            | 0.0   | 0.0     | 13                                  | 30           | 1.1   | 2.3   |
| SECS ADM - SE ADM   | 0                                      | 0            | 0.0   | 0.0     | 0                                   | 7            | 0.0   | 0.3   |
| SECS CIT - SE CIT   | 0                                      | 0            | 0.0   | 0.0     | 7                                   | 7            | 0.4   | 0.4   |
| SECS ES - SE AE   | 0                                      | 0            | 0.0   | 0.0     | 2                                   | 2            | 0.2   | 0.2   |
| SECS OL - SE LO   | 0                                      | 0            | 0.0   | 0.0     | 39                                  | 39           | 1.6   | 1.6   |
| TOTAL SECS - TOTAL SE   | 0                                      | 0            | 0.0   | 0.0     | 48                                  | 55           | 2.2   | 2.5   |
| SSHRC - CRSH  | 0                                      | 0            | 0.0   | 0.0     | 48                                  | 93           | 2.8   | 5.4   |
| SGEN  | 0                                      | 0            | 0.0   | 0.0     | 66                                  | 100          | 3.3   | 4.7   |
| STCAN   | 0                                      | 0            | 0.0   | 0.0     | 115                                 | 4,416        | 8.3   | 323.4 |
| SS - ASC  | 4                                      | 5            | 0.2   | 0.2     | 0                                   | 0            | 0.0   | —     |
| TPT ADM   | 55                                     | 64           | 3.7   | 4.7     | 0                                   | 1            | 0.0   | 0.1   |
| TPT AIR - TPT AER   | 10                                     | 30           | 2.2   | 3.9     | 0                                   | 0            | 0.0   | 0.0   |
| TPT APT   | 0                                      | 5            | 0.0   | 0.3     | 0                                   | 0            | 0.0   | 0.0   |
| TPT MAR   | 14                                     | 14           | 1.2   | 1.2     | 0                                   | 0            | 0.0   | 0.0   |
| TPT SUR   | 1                                      | 2            | —   | 0.1     | 2                                   | 2            | 0.1   | 0.1   |
| TOTAL TPT - TOTAL   | 80                                     | 115          | 7.1   | 10.2    | 2                                   | 3            | 0.1   | 0.2   |
| TS - CT   | 0                                      | 0            | 0.0   | 0.0     | 0                                   | 229          | 0.0   | 18.3  |
| CANADA TOTAL - TOTAL CANADA   | 16,402                                 | 24,170       | 1,234.3   | 1,857.3 | 789                                 | 9,102        | 48.0  | 620.5 |



Table 7. Staff and Expenditures of Scientific Establishments, by Department and by Region, 1986-87  
 Tableau 7. Personnel et dépenses des établissements scientifiques, par ministère et par région, 1986-87

| Department or agency and region | Natural sciences - Sciences naturelles |              |  |              | Social sciences - Sciences sociales |            |  |            |
|---------------------------------|--|--------------|--|--------------|-------------------------------------|------------|--|------------|
|                                 | Staff Personnel                        |              | Intramural expenditures Dépenses intra-muros |              | Staff Personnel                     |            | Intramural expenditures Dépenses intra-muros |            |
|                                 | R&D R-D                                | Total        | R&D R-D                                      | Total        | R&D R-D                             | Total      | R&D R-D                                      | Total      |
|                                 | Person years Années-personnes          |              | \$ millions                                  |              | Person years Années-personnes       |            | \$ millions                                  |            |
| <b>AGR</b>                      |  |              |  |              |                                     |            |  |            |
| Nfld. - T.-N.                   | 96                                     | 96           | 5.4  | 5.4          | 0                                   | 0          | 0.0  | 0.0        |
| P.E.I. - I.-P.-E.               | 109                                    | 110          | 7.0  | 7.1          | 0                                   | 0          | 0.0  | 0.0        |
| N.S. - N.-E.                    | 147                                    | 149          | 8.6  | 8.7          | 0                                   | 0          | 0.0  | 0.0        |
| N.B. - N.-B.                    | 247                                    | 290          | 16.5   | 16.7         | 0                                   | 0          | 0.0  | 0.0        |
| Quebec - Québec (excl. Hull)    | 496                                    | 509          | 37.9   | 38.8         | 0                                   | 0          | 0.0  | 0.0        |
| Ontario (excl. Ottawa)          | 652                                    | 726          | 42.0   | 45.1         | 0                                   | 0          | 0.0  | 0.0        |
| N.C.R. - R.C.N.                 | 1,140                                  | 1,377        | 67.6   | 81.8         | 0                                   | 51         | 0.0  | 2.6        |
| Manitoba                        | 288                                    | 359          | 17.2   | 20.0         | 0                                   | 0          | 0.0  | 0.0        |
| Saskatchewan                    | 364                                    | 372          | 21.5   | 21.9         | 0                                   | 0          | 0.0  | 0.0        |
| Alberta                         | 534                                    | 581          | 34.1   | 37.5         | 0                                   | 0          | 0.0  | 0.0        |
| B.C. - C.-B.                    | 375                                    | 411          | 30.4   | 32.6         | 0                                   | 0          | 0.0  | 0.0        |
| <b>TOTAL AGR - TOTAL</b>        | <b>4,448</b>                           | <b>4,980</b> | <b>288.2</b>                                 | <b>315.6</b> | <b>0</b>                            | <b>51</b>  | <b>0.0</b>                                   | <b>2.6</b> |
| <b>AECL - CCEA</b>              |  |              |  |              |                                     |            |  |            |
| N.C.R. - R.C.N.                 | 14                                     | 14           | 1.1  | 1.1          | 0                                   | 0          | 0.0  | 0.0        |
| <b>AECL - EACL</b>              |  |              |  |              |                                     |            |  |            |
| Ontario (excl. Ottawa)          | 1,593                                  | 1,692        | 84.9   | 91.2         | 0                                   | 0          | 0.0  | 0.0        |
| Manitoba                        | 858                                    | 911          | 45.7   | 49.1         | 0                                   | 0          | 0.0  | 0.0        |
| <b>TOTAL AECL - TOTAL EACL</b>  | <b>2,451</b>                           | <b>2,603</b> | <b>130.6</b>                                 | <b>140.3</b> | <b>0</b>                            | <b>0</b>   | <b>0.0</b>                                   | <b>0.0</b> |
| <b>CC - CA</b>                  |  |              |  |              |                                     |            |  |            |
| N.C.R. - R.C.N.                 | 0                                      | 0            | 0.0  | 0.0          | 3                                   | 7          | 0.2  | 0.3        |
| <b>CWNC - SCHL</b>              |  |              |  |              |                                     |            |  |            |
| Nfld. - T.-N.                   | 0                                      | 0            | 0.0  | --           | 0                                   | 0          | 0.0  | --         |
| P.E.I. - I.-P.-E.               | 0                                      | 0            | 0.0  | --           | 0                                   | 0          | 0.0  | --         |
| N.S. - N.-E.                    | 0                                      | 0            | 0.0  | --           | 0                                   | 1          | 0.0  | --         |
| N.B. - N.-B.                    | 0                                      | 0            | 0.0  | --           | 0                                   | 1          | 0.0  | --         |
| Quebec - Québec (excl. Hull)    | 0                                      | 3            | 0.0  | 0.2          | 0                                   | 12         | 0.0  | 0.7        |
| Ontario (excl. Ottawa)          | 0                                      | 3            | 0.0  | 0.2          | 0                                   | 11         | 0.0  | 0.6        |
| N.C.R. - R.C.N.                 | 19                                     | 24           | 1.1  | 1.4          | 37                                  | 98         | 2.2  | 5.7        |
| Manitoba                        | 0                                      | 0            | 0.0  | --           | 0                                   | 0          | 0.0  | --         |
| Saskatchewan                    | 0                                      | 0            | 0.0  | --           | 0                                   | 1          | 0.0  | 0.1        |
| Alberta                         | 0                                      | 1            | 0.0  | --           | 0                                   | 3          | 0.0  | 0.3        |
| B.C. - C.-B.                    | 0                                      | 2            | 0.0  | 0.1          | 0                                   | 6          | 0.0  | 0.3        |
| Y.T. & N.W.T. - Yukon & T.N.-O. | 0                                      | 0            | 0.0  | --           | 0                                   | 1          | 0.0  | 0.3        |
| <b>TOTAL CWNC - TOTAL SCHL</b>  | <b>19</b>                              | <b>33</b>    | <b>1.1</b>                                   | <b>1.9</b>   | <b>37</b>                           | <b>134</b> | <b>2.2</b>                                   | <b>7.8</b> |
| <b>CBC - SRC</b>                |  |              |  |              |                                     |            |  |            |
| Quebec - Québec (excl. Hull)    | 0                                      | 0            | 0.0  | 0.0          | 0                                   | 12         | 0.0  | 0.6        |
| Ontario (excl. Ottawa)          | 0                                      | 0            | 0.0  | 0.0          | 0                                   | 16         | 0.0  | 0.4        |
| N.C.R. - R.C.N.                 | 0                                      | 0            | 0.0  | 0.0          | 0                                   | 21         | 0.0  | 1.2        |
| <b>TOTAL CBC - TOTAL SRC</b>    | <b>0</b>                               | <b>0</b>     | <b>0.0</b>                                   | <b>0.0</b>   | <b>0</b>                            | <b>49</b>  | <b>0.0</b>                                   | <b>2.2</b> |



Table 7. Staff and Expenditures of Scientific Establishments, by Department and by Region, 1986-87 - Continued  
 Tableau 7. Personnel et dépenses des établissements scientifiques, par ministère et par région, 1986-87 - Suite

| Department or agency and region<br>Ministère ou organisme et région  | Natural sciences - Sciences naturelles |              |   |       | Social sciences - Sciences sociales |       |   |       |
|--|--|--------------|---|-------|-------------------------------------|-------|---|-------|
|  | Staff<br>Personnel                     |              | Intramural expenditures<br>Dépenses intra-muros |       | Staff<br>Personnel                  |       | Intramural expenditures<br>Dépenses intra-muros |       |
|  | R&D<br>R-D                             | Total<br>R-D | R&D<br>R-D                                      | Total | R&D<br>R-D                          | Total | R&D<br>R-D                                      | Total |
|  | Person years<br>Années-personnes       |              | \$ millions                                     |       | Person years<br>Années-personnes    |       | \$ millions                                     |       |
| CHRC - CCDP<br>N.C.R. - R.C.N.   | 0                                      | 0            | 0.0   | 0.0   | 0                                   | 8     | 0.0   | 0.5   |
| CIDA - ACDI<br>N.C.R. - R.C.N.   | 6                                      | 16           | 0.3   | 1.0   | 7                                   | 41    | 0.4   | 3.2   |
| CLFB - OCP<br>Quebec - Québec (excl. Hull)   | 0                                      | 0            | 0.0   | 0.0   | 1                                   | 2     | 0.1   | 0.1   |
| CFC - CCT<br>Quebec - Québec (excl. Hull)<br>Ontario (excl. Ottawa)<br>N.C.R. - R.C.N.<br>Manitoba<br>TOTAL CFC - TOTAL CCT  | 0                                      | 0            | 0.0   | 0.0   | 0                                   | 0     | --  | --    |
| 0  | 0                                      | 0.0          | 0.0   | 0     | 0                                   | 0     | --  | --    |
| 0  | 0                                      | 0.0          | 0.0   | 24    | 46                                  | 1.1   | 2.3   | 2.3   |
| 0  | 0                                      | 0.0          | 0.0   | 0     | 0                                   | --    | --  | --    |
| 0  | 0                                      | 0.0          | 0.0   | 24    | 46                                  | 1.2   | 2.3   | 2.3   |
| COL - CLO<br>N.C.R. - R.C.N.   | 0                                      | 0            | 0.0   | 0.0   | 0                                   | 61    | 0.0   | 2.9   |
| COMM<br>Quebec - Québec (excl. Hull)<br>N.C.R. - R.C.N.<br>TOTAL COMM - TOTAL  | 33                                     | 55           | 5.6   | 6.7   | 0                                   | 0     | 0.0   | 0.0   |
| 325  | 332                                    | 30.7         | 31.8  | 5     | 8                                   | 0.3   | 0.4   | 0.4   |
| 358  | 387                                    | 36.3         | 38.5  | 5     | 8                                   | 0.3   | 0.4   | 0.4   |
| CCA - CC<br>N.C.R. - R.C.N.  | 0                                      | 254          | 0.0   | 12.7  | 36                                  | 108   | 1.2   | 4.8   |
| ECC - CEC<br>N.C.R. - R.C.N.   | 0                                      | 0            | 0.0   | 0.0   | 109                                 | 128   | 7.1   | 8.5   |
| E&I  |  |              |   |       |                                     |       |   |       |
| Nfld - t.-N.<br>P.E.I. - I.-P.-E.<br>N.S. - N.-E.<br>N.B. - N.-B.<br>Quebec - Québec (excl. Hull)<br>Ontario (excl. Ottawa)<br>N.C.R. - R.C.N.<br>Manitoba<br>Saskatchewan<br>Alberta<br>B.C. - C.-B.<br>TOTAL E&I - TOTAL | 0                                      | 0            | 0.0   | 0.0   | 0                                   | 19    | 0.0   | 0.7   |
| 0  | 0                                      | 0.0          | 0.0   | 0     | 9                                   | 0.0   | 0.2   | 0.2   |
| 0  | 0                                      | 0.0          | 0.0   | 0     | 8                                   | 0.0   | 0.3   | 0.3   |
| 0  | 0                                      | 0.0          | 0.0   | 0     | 7                                   | 0.0   | 0.2   | 0.2   |
| 0  | 0                                      | 0.0          | 0.0   | 0     | 39                                  | 0.0   | 1.6   | 1.6   |
| 0  | 0                                      | 0.0          | 0.0   | 0     | 31                                  | 0.0   | 1.3   | 1.3   |
| 0  | 0                                      | 0.0          | 0.0   | 0     | 235                                 | 0.0   | 18.6  | 18.6  |
| 0  | 0                                      | 0.0          | 0.0   | 0     | 6                                   | 0.0   | 0.2   | 0.2   |
| 0  | 0                                      | 0.0          | 0.0   | 0     | 3                                   | 0.0   | 0.1   | 0.1   |
| 0  | 0                                      | 0.0          | 0.0   | 0     | 10                                  | 0.0   | —   | —     |
| 0  | 0                                      | 0.0          | 0.0   | 0     | 19                                  | 0.0   | 0.7   | 0.7   |
| 0  | 0                                      | 0.0          | 0.0   | 0     | 386                                 | 0.0   | 24.1  | 24.1  |



Table 7. Staff and Expenditures of Scientific Establishments, by Department and by Region, 1986-87 - Continued  
 Tableau 7. Personnel et dépenses des établissements scientifiques, par ministère et par région, 1986-87 - Suite

| Department or agency and region<br>Ministère ou organisme et région | Natural sciences - Sciences naturelles |              |   |              | Social sciences - Sciences sociales |              |   |             |
|---|--|--------------|---|--------------|-------------------------------------|--------------|---|-------------|
|   | Staff<br>Personnel                     |              | Intramural expenditures<br>Dépenses intra-muros |              | Staff<br>Personnel                  |              | Intramural expenditures<br>Dépenses intra-muros |             |
|   | R&D<br>R-D                             | Total<br>R-D | R&D<br>R-D                                      | Total        | R&D<br>R-D                          | Total<br>R-D | R&D<br>R-D                                      | Total       |
|   | Person years<br>Années-personnes       |              | \$ millions                                     |              | Person years<br>Années-personnes    |              | \$ millions                                     |             |
| <b>EMR</b>  |  |              |   |              |                                     |              |   |             |
| N.S. - N.-E.  | 136                                    | 141          | 11.1  | 11.6         | 0                                   | 0            | 0.0   | 0.0         |
| N.B. - N.-B.  | 0                                      | 1            | 0.0   | --           | 0                                   | 0            | 0.0   | 0.0         |
| Quebec - Québec (excl. Hull)  | 0                                      | 1            | 6.4   | 8.4          | 0                                   | 0            | 0.0   | 0.0         |
| Ontario (excl. Ottawa)  | 19                                     | 28           | 1.1   | 1.7          | 0                                   | 0            | 0.0   | 0.0         |
| N.C.R. - R.C.N.   | 1,192                                  | 2,225        | 114.3   | 186.2        | 0                                   | 0            | 0.0   | 0.0         |
| Manitoba  | 0                                      | 3            | 0.0   | 0.1          | 0                                   | 0            | 0.0   | 0.0         |
| Saskatchewan  | 5                                      | 6            | 0.7   | 2.9          | 0                                   | 0            | 0.0   | 0.0         |
| Alberta   | 167                                    | 212          | 18.0  | 20.6         | 0                                   | 0            | 0.0   | 0.0         |
| B.C. - C.-B.  | 72                                     | 75           | 8.1   | 8.3          | 0                                   | 0            | 0.0   | 0.0         |
| Y.T. & N.W.T. - Yukon & T.N.-O.                                     | 0                                      | 21           | 0.0   | 6.5          | 0                                   | 0            | 0.0   | 0.0         |
| <b>TOTAL EMR - TOTAL</b>  | <b>1,591</b>                           | <b>2,713</b> | <b>159.7</b>                                    | <b>246.3</b> | <b>0</b>                            | <b>0</b>     | <b>0.0</b>                                      | <b>0.0</b>  |
| <b>ENV</b>  |  |              |   |              |                                     |              |   |             |
| Nfld - T.-N.  | 2                                      | 67           | 0.2   | 5.7          | 0                                   | 0            | 0.0   | 0.0         |
| P.E.I. - I.-P.-E.   | 2                                      | 11           | 0.1   | 0.6          | 0                                   | 0            | 0.0   | 0.0         |
| N.S. - N.-E.  | 12                                     | 225          | 0.9   | 10.5         | 0                                   | 2            | 0.0   | 0.2         |
| N.B. - N.-B.  | 28                                     | 90           | 1.8   | 6.1          | 1                                   | 3            | 0.1   | 0.3         |
| Quebec - Québec (excl. Hull)  | 58                                     | 530          | 3.4   | 41.6         | 2                                   | 10           | 0.1   | 1.1         |
| Ontario (excl. Ottawa)  | 458                                    | 1,284        | 30.7  | 145.3        | 11                                  | 17           | 0.6   | 1.8         |
| N.C.R. - R.C.N.   | 13                                     | 88           | 1.1   | 14.3         | 0                                   | 169          | 0.0   | 6.4         |
| Manitoba  | 9                                      | 234          | 0.6   | 13.8         | 1                                   | 2            | 0.1   | 0.2         |
| Saskatchewan  | 87                                     | 179          | 5.7   | 11.3         | 4                                   | 9            | 0.2   | 1.0         |
| Alberta   | 32                                     | 419          | 2.1   | 22.5         | 0                                   | 12           | 0.0   | 1.2         |
| B.C. - C.-B.  | 16                                     | 353          | 1.0   | 24.9         | 2                                   | 5            | 0.1   | 0.6         |
| Y.T. & N.W.T. - Yukon & T.N.-O.                                     | 2                                      | 113          | 0.1   | 14.5         | 0                                   | 0            | 0.0   | 0.0         |
| <b>TOTAL ENV - TOTAL</b>  | <b>719</b>                             | <b>3,593</b> | <b>47.8</b>                                     | <b>311.1</b> | <b>21</b>                           | <b>229</b>   | <b>1.1</b>                                      | <b>12.9</b> |
| <b>EA - AK</b>  |  |              |   |              |                                     |              |   |             |
| N.C.R. - R.C.N.   | 0                                      | 0            | 0.0   | 0.0          | 0                                   | 107          | 0.0   | 7.9         |
| <b>FIM</b>  |  |              |   |              |                                     |              |   |             |
| N.C.R. - R.C.N.   | 0                                      | 0            | 0.0   | 0.0          | 0                                   | 283          | 0.0   | 16.8        |
| <b>F&amp;O - P&amp;O</b>  |  |              |   |              |                                     |              |   |             |
| Nfld. - T.-N.   | 120                                    | 219          | 9.5   | 22.5         | 0                                   | 38           | 0.0   | 2.0         |
| P.E.I. - I.-P.-E.   | 6                                      | 7            | 0.4   | 0.5          | 0                                   | 1            | 0.0   | —           |
| N.S. - N.-E.  | 508                                    | 792          | 38.1  | 58.1         | 0                                   | 39           | 0.0   | 1.9         |
| N.B. - N.-B.  | 50                                     | 91           | 3.8   | 6.5          | 0                                   | 18           | 0.0   | 1.1         |
| Quebec - Québec (excl. Hull)  | 76                                     | 142          | 17.4  | 30.0         | 0                                   | 19           | 0.0   | 0.9         |
| Ontario (excl. Ottawa)  | 74                                     | 180          | 3.4   | 12.4         | 0                                   | 2            | —   | 0.1         |
| N.C.R. - R.C.N.   | 19                                     | 157          | 1.2   | 10.2         | 0                                   | 50           | 0.0   | 3.3         |
| Manitoba  | 111                                    | 123          | 7.8   | 8.5          | 0                                   | 4            | 0.0   | 0.2         |
| B.C. - C.-B.  | 382                                    | 528          | 36.6  | 49.3         | 0                                   | 26           | 0.0   | 1.4         |
| <b>TOTAL F&amp;O - TOTAL P&amp;O</b>                                | <b>1,346</b>                           | <b>2,239</b> | <b>118.2</b>                                    | <b>198.0</b> | <b>0</b>                            | <b>197</b>   | <b>—</b>  | <b>10.9</b> |

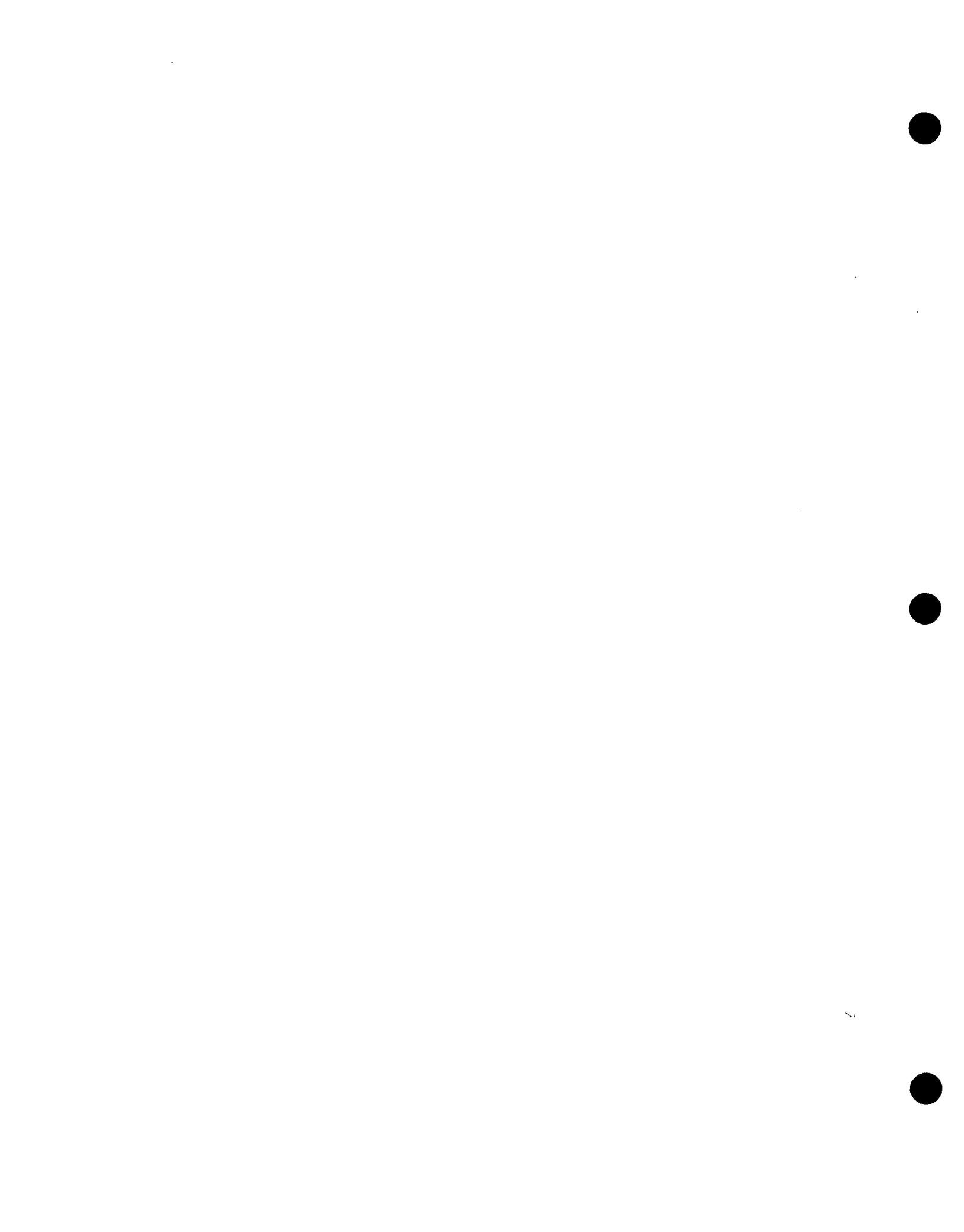


Table 7. Staff and Expenditures of Scientific Establishments, by Department and by Region, 1986-87 - Continued  
 Tableau 7. Personnel et dépenses des établissements scientifiques, par ministère et par région, 1986-87 - Suite

| Department or agency and region<br>Ministère ou organisme et région | Natural sciences - Sciences naturelles |              |   |              | Social sciences - Sciences sociales |              |   |              |
|---|--|--------------|---|--------------|-------------------------------------|--------------|---|--------------|
|   | Staff<br>Personnel                     |              | Intramural expenditures<br>Dépenses intra-muros |              | Staff<br>Personnel                  |              | Intramural expenditures<br>Dépenses intra-muros |              |
|   | R&D<br>R-D                             | Total<br>R-D | R&D<br>R-D                                      | Total<br>R-D | R&D<br>R-D                          | Total<br>R-D | R&D<br>R-D                                      | Total<br>R-D |
|   | Person years<br>Années-personnes       |              | \$ millions                                     |              | Person years<br>Années-personnes    |              | \$ millions                                     |              |
| <b>XAND - AIN</b>   |  |              |   |              |                                     |              |   |              |
| Y.T. & N.W.T. - Yukon & T.N.-O.                                     | 15                                     | 19           | 1.0   | 1.3          | 0                                   | 4            | --  | 0.2          |
| <b>IDRC - CRDI</b>  |  |              |   |              |                                     |              |   |              |
| N.C.R. - R.C.N.   | 87                                     | 132          | 11.4  | 16.0         | 104                                 | 154          | 7.1   | 11.2         |
| B.C. - C.-B.  | 2                                      | 3            | 0.2   | 0.3          | 0                                   | 0            | 0.0   | 0.0          |
| <b>TOTAL IDRC - TOTAL CRDI</b>                                      | <b>89</b>                              | <b>135</b>   | <b>11.6</b>                                     | <b>16.3</b>  | <b>104</b>                          | <b>154</b>   | <b>7.1</b>                                      | <b>11.2</b>  |
| <b>IJC - CMI</b>  |  |              |   |              |                                     |              |   |              |
| Ontario (excl. Ottawa)  | 0                                      | 23           | 0.0   | 1.8          | 0                                   | 0            | 0.0   | 0.0          |
| N.C.R. - R.C.N.   | 0                                      | 22           | 0.0   | 1.4          | 0                                   | 0            | 0.0   | 0.0          |
| <b>TOTAL IJC - TOTAL CMI</b>  | <b>0</b>                               | <b>45</b>    | <b>0.0</b>                                      | <b>3.2</b>   | <b>0</b>                            | <b>0</b>     | <b>0.0</b>                                      | <b>0.0</b>   |
| <b>JUST</b>   |  |              |   |              |                                     |              |   |              |
| Quebec - Québec (excl. Hull)  | 0                                      | 0            | 0.0   | 0.0          | 1                                   | 3            | 0.1   | 0.2          |
| N.C.R. - R.C.N.   | 0                                      | 0            | 0.0   | 0.0          | 10                                  | 64           | 0.4   | 2.5          |
| <b>TOTAL JUST - TOTAL</b>   | <b>0</b>                               | <b>0</b>     | <b>0.0</b>                                      | <b>0.0</b>   | <b>11</b>                           | <b>67</b>    | <b>0.5</b>                                      | <b>2.7</b>   |
| <b>LAB - TRAV</b>   |  |              |   |              |                                     |              |   |              |
| N.C.R. - R.C.N.   | 0                                      | 0            | 0.0   | 0.0          | 0                                   | 67           | 0.0   | 4.0          |
| <b>MRC - CRM</b>  |  |              |   |              |                                     |              |   |              |
| N.C.R. - R.C.N.   | 51                                     | 53           | 3.8   | 3.9          | 0                                   | 0            | 0.0   | 0.0          |
| <b>MCC - CCM</b>  |  |              |   |              |                                     |              |   |              |
| N.C.R. - R.C.N.   | 0                                      | 10           | 0.0   | 0.4          | 0                                   | 11           | 0.0   | 0.5          |
| <b>HDEF - DEPN</b>  |  |              |   |              |                                     |              |   |              |
| N.S. - N.-E.  | 210                                    | 210          | 13.2  | 13.2         | 0                                   | 0            | 0.0   | 0.0          |
| Quebec - Québec (excl. Hull)  | 579                                    | 579          | 41.7  | 41.7         | 0                                   | 0            | 0.0   | 0.0          |
| Ontario (excl. Ottawa)  | 456                                    | 456          | 25.7  | 25.7         | 18                                  | 26           | 0.9   | 1.4          |
| N.C.R. - R.C.N.   | 235                                    | 269          | 20.5  | 22.1         | 11                                  | 42           | 0.4   | 2.0          |
| Alberta   | 183                                    | 183          | 13.0  | 13.0         | 0                                   | 0            | 0.0   | 0.0          |
| B.C. - C.-B.  | 136                                    | 136          | 10.4  | 10.4         | 0                                   | 0            | 0.0   | 0.0          |
| <b>TOTAL HDEF - TOTAL DEPN</b>                                      | <b>1,799</b>                           | <b>1,833</b> | <b>124.5</b>                                    | <b>126.1</b> | <b>29</b>                           | <b>68</b>    | <b>1.3</b>                                      | <b>3.4</b>   |
| <b>HEB - ONE</b>  |  |              |   |              |                                     |              |   |              |
| N.C.R. - R.C.N.   | 0                                      | 6            | 0.0   | 0.3          | 0                                   | 36           | 0.0   | 2.0          |
| <b>HFD - OFY</b>  |  |              |   |              |                                     |              |   |              |
| Quebec - Québec (excl. Hull)  | 7                                      | 8            | 0.9   | 1.3          | 0                                   | 0            | 0.0   | 0.0          |

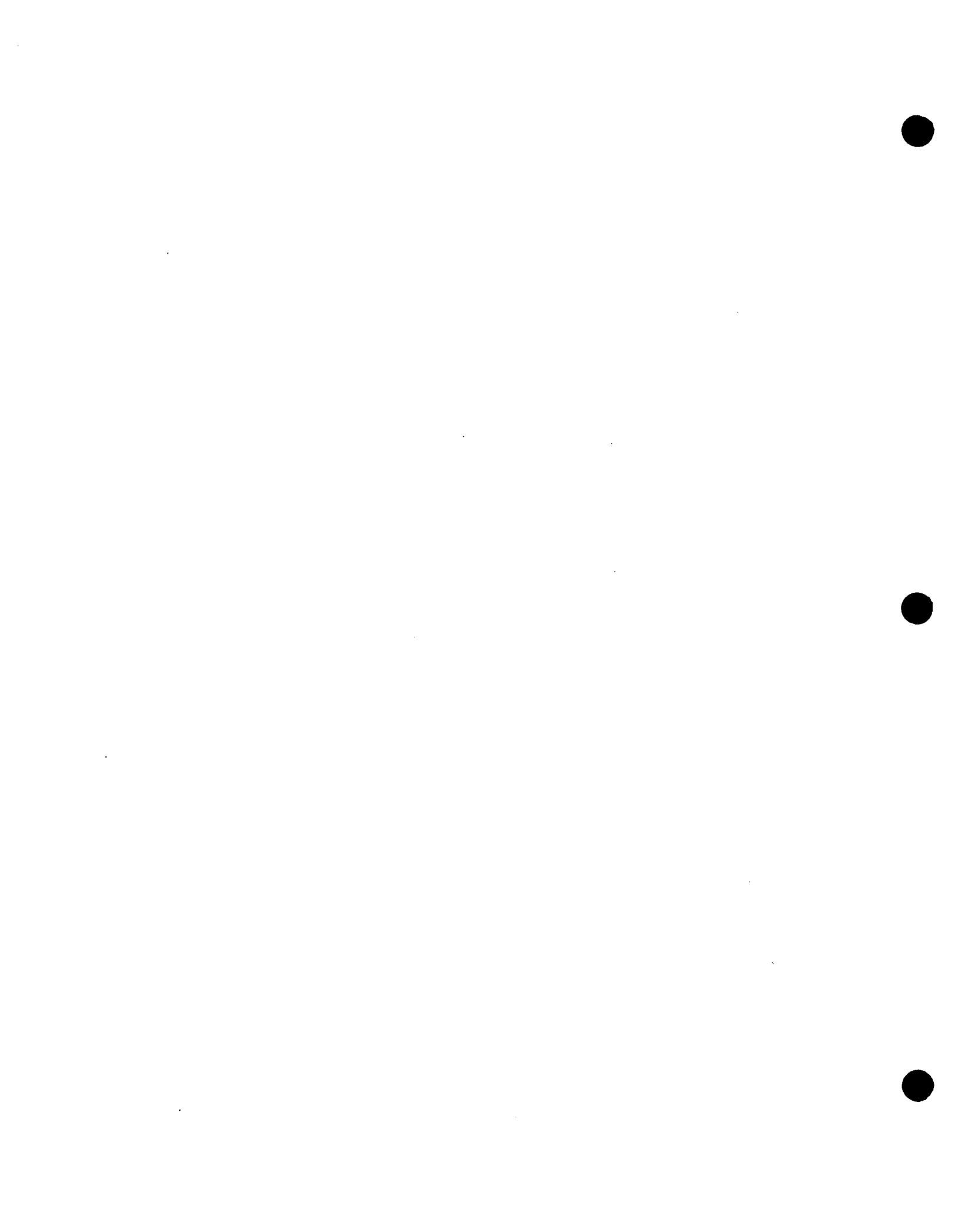


Table 7. Staff and Expenditures of Scientific Establishments, by Department and by Region, 1986-87 - Continued  
 Tableau 7. Personnel et dépenses des établissements scientifiques, par ministère et par région, 1986-87 - Suite

| Department or agency and region<br>Ministère ou organisme et région  | Natural sciences - Sciences naturelles |              |   |       | Social sciences - Sciences sociales |              |   |       |
|--|--|--------------|---|-------|-------------------------------------|--------------|---|-------|
|  | Staff<br>Personnel                     |              | Intramural expenditures<br>Dépenses intra-muros |       | Staff<br>Personnel                  |              | Intramural expenditures<br>Dépenses intra-muros |       |
|  | R&D<br>R-D                             | Total<br>R-D | R&D<br>R-D                                      | Total | R&D<br>R-D                          | Total<br>R-D | R&D<br>R-D                                      | Total |
|  | Person years<br>Années-personnes       |              |   |       | \$ millions                         |              |   |       |
| <b>MEB - ONE</b><br>N.C.R. - R.C.N.  | 0                                      | 6            | 0.0   | 0.3   | 0                                   | 36           | 0.0   | 2.0   |
| <b>MFB - ONF</b><br>Quebec - Québec (excl. Hull)   | 7                                      | 8            | 0.9   | 1.3   | 0                                   | 0            | 0.0   | 0.0   |
| <b>MHW - SWBS</b><br>Ontario (excl. Ottawa)<br>N.C.R. - R.C.N.<br><b>TOTAL MHW - TOTAL SWBS</b>  | 3                                      | 3            | 0.2   | 0.2   | 0                                   | 0            | 0.0   | 0.0   |
|  | 263                                    | 1,108        | 14.0  | 63.2  | 19                                  | 202          | 1.2   | 11.2  |
|  | 266                                    | 1,111        | 14.2  | 63.4  | 19                                  | 202          | 1.2   | 11.2  |
| <b>MIC - BMC</b><br>N.C.R. - R.C.N.  | 0                                      | 0            | 0.0   | 0.0   | 0                                   | 530          | 0.0   | 36.1  |
| <b>MNC - MHC</b><br>N.C.R. - R.C.N.  | 41                                     | 367          | 3.3   | 28.4  | 85                                  | 706          | 6.0   | 47.4  |
| <b>MRC - CNR</b><br>Nfld. - T.-N.<br>P.E.I. - I.-P.-E.<br>N.S. - N.-E.<br>N.B. - N.-B.<br>Quebec - Québec (excl. Hull)<br>Ontario (excl. Ottawa)<br>N.C.R. - R.C.N.<br>Manitoba<br>Saskatchewan<br>Alberta<br>B.C. - C.-B.<br><b>TOTAL MRC - TOTAL CNR</b> | 51                                     | 60           | 6.1   | 7.2   | 0                                   | 0            | 0.0   | 0.0   |
|  | 0                                      | 1            | 0.0   | 0.1   | 0                                   | 0            | 0.0   | 0.0   |
|  | 78                                     | 89           | 6.5   | 7.6   | 0                                   | 0            | 0.0   | 0.0   |
|  | 0                                      | 3            | 0.0   | 0.3   | 0                                   | 0            | 0.0   | 0.0   |
|  | 167                                    | 214          | 27.6  | 32.4  | 0                                   | 0            | 0.0   | 0.0   |
|  | 17                                     | 27           | 2.2   | 3.6   | 0                                   | 0            | 0.0   | 0.0   |
|  | 2,286                                  | 2,645        | 189.3   | 223.9 | 0                                   | 0            | 0.0   | 0.0   |
|  | 7                                      | 9            | 5.4   | 5.6   | 0                                   | 0            | 0.0   | 0.0   |
|  | 98                                     | 110          | 8.7   | 10.1  | 0                                   | 0            | 0.0   | 0.0   |
|  | 0                                      | 2            | 0.0   | 0.2   | 0                                   | 0            | 0.0   | 0.0   |
|  | 79                                     | 96           | 6.9   | 8.9   | 0                                   | 0            | 0.0   | 0.0   |
|  | 2,783                                  | 3,256        | 252.7   | 299.9 | 0                                   | 0            | 0.0   | 0.0   |
| <b>MREV - REVN</b><br>N.C.R. - R.C.N.  | 0                                      | 0            | 0.0   | 0.0   | 6                                   | 64           | 0.3   | 3.0   |
| <b>NSERC - CRSENG</b><br>N.C.R. - R.C.N.   | 126                                    | 143          | 10.3  | 11.7  | 0                                   | 0            | 0.0   | 0.0   |
| <b>PA - AP</b><br>N.C.R. - R.C.N.  | 0                                      | 0            | 0.0   | 0.0   | 0                                   | 284          | 0.0   | 22.2  |
| <b>PW - TP</b><br>N.C.R. - R.C.N.  | 11                                     | 52           | 1.5   | 4.2   | 0                                   | 0            | 0.0   | 0.0   |
| <b>RIE - EIR</b><br>Nfld. - T.-N.<br>P.E.I. - I.-P.-E.   | 11                                     | 11           | 1.3   | 1.3   | 0                                   | 0            | 0.0   | 0.0   |
|  | 3                                      | 3            | 0.3   | 0.3   | 0                                   | 0            | 0.0   | 0.0   |

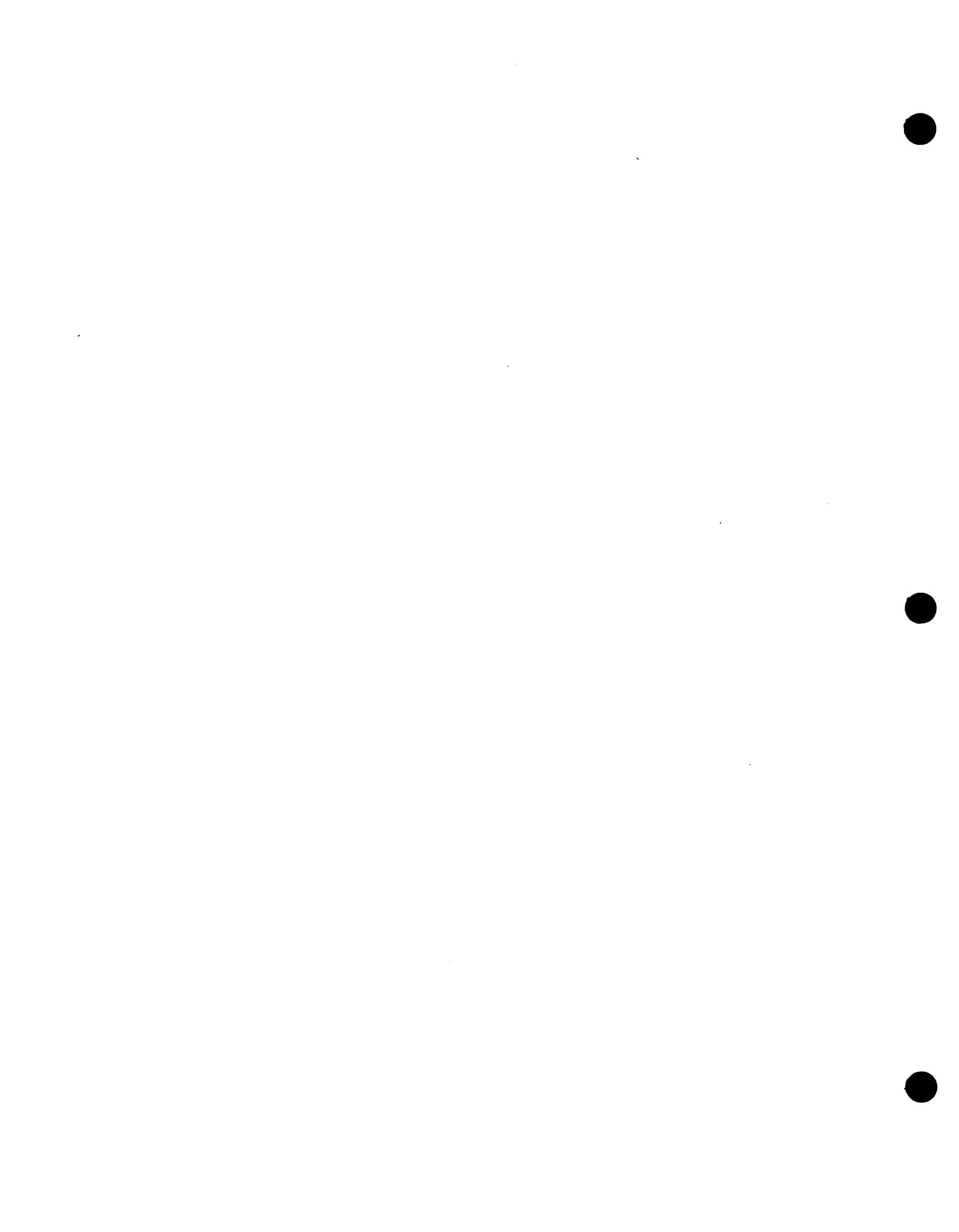


Table 7. Staff and Expenditures of Scientific Establishments, by Department and by Region, 1986-87 - Continued  
 Tableau 7. Personnel et dépenses des établissements scientifiques, par ministère et par région, 1986-87 - Suite

| Department or agency and region<br>Ministère ou organisme et région | Natural sciences - Sciences naturelles |              |   |             | Social sciences - Sciences sociales |              |   |              |
|---|--|--------------|---|-------------|-------------------------------------|--------------|---|--------------|
|   | Staff<br>Personnel                     |              | Intramural expenditures<br>Dépenses intra-muros |             | Staff<br>Personnel                  |              | Intramural expenditures<br>Dépenses intra-muros |              |
|   | R&D<br>R-D                             | Total<br>R-D | R&D<br>R-D                                      | Total       | R&D<br>R-D                          | Total<br>R-D | R&D<br>R-D                                      | Total        |
|   | Person years<br>Années-personnes       |              | \$ millions                                     |             | Person years<br>Années-personnes    |              | \$ millions                                     |              |
| <b>RIE (Cont'd) - EIR (Suite)</b>                                   |  |              |   |             |                                     |              |   |              |
| N.S. - N.-E.  | 8                                      | 8            | 0.9   | 0.9         | 0                                   | 0            | 0.0   | 0.0          |
| N.B. - N.-B.  | 5                                      | 5            | 0.5   | 0.5         | 0                                   | 0            | 0.0   | 0.0          |
| Quebec - Québec (excl. Hull)  | 28                                     | 28           | 3.2   | 3.2         | 0                                   | 0            | 0.0   | 0.0          |
| Ontario (excl. Ottawa)  | 21                                     | 21           | 2.4   | 2.4         | 0                                   | 0            | 0.0   | 0.0          |
| N.C.R. - R.C.N.   | 66                                     | 66           | 7.5   | 7.5         | 0                                   | 2            | 0.0   | 0.1          |
| Manitoba  | 9                                      | 9            | 1.1   | 1.1         | 0                                   | 0            | 0.0   | 0.0          |
| Saskatchewan  | 4                                      | 4            | 0.4   | 0.4         | 0                                   | 0            | 0.0   | 0.0          |
| Alberta   | 3                                      | 3            | 0.3   | 0.3         | 0                                   | 0            | 0.0   | 0.0          |
| B.C. - C.-B.  | 5                                      | 5            | 0.6   | 0.6         | 0                                   | 0            | 0.0   | 0.0          |
| Y.T. & N.W.T. - Yukon & T.N.-O.                                     | 2                                      | 2            | 0.2   | 0.2         | 0                                   | 0            | 0.0   | 0.0          |
| <b>TOTAL RIE - TOTAL EIR</b>  | <b>165</b>                             | <b>165</b>   | <b>18.8</b>                                     | <b>18.8</b> | <b>0</b>                            | <b>2</b>     | <b>0.0</b>                                      | <b>0.1</b>   |
| <b>RCMP - GRC</b>   |  |              |   |             |                                     |              |   |              |
| N.C.R. - R.C.N.   | 4                                      | 4            | 0.2   | 0.2         | 0                                   | 0            | 0.0   | 0.0          |
| <b>ST</b>   |  |              |   |             |                                     |              |   |              |
| N.C.R. - R.C.N.   | 9                                      | 11           | 0.8   | 0.9         | 0                                   | 136          | 0.0   | 11.6         |
| <b>SC - CS</b>  |  |              |   |             |                                     |              |   |              |
| N.C.R. - R.C.N.   | 0                                      | 0            | 0.0   | 0.0         | 13                                  | 30           | 1.1   | 2.3          |
| <b>SECS - SE</b>  |  |              |   |             |                                     |              |   |              |
| N.C.R. - R.C.N.   | 0                                      | 0            | 0.0   | 0.0         | 48                                  | 55           | 2.2   | 2.5          |
| <b>SSERC - CRSE</b>   |  |              |   |             |                                     |              |   |              |
| N.C.R. - R.C.N.   | 0                                      | 0            | 0.0   | 0.0         | 48                                  | 93           | 2.8   | 5.4          |
| <b>SGEN</b>   |  |              |   |             |                                     |              |   |              |
| N.C.R. - R.C.N.   | 0                                      | 0            | 0.0   | 0.0         | 66                                  | 100          | 3.3   | 4.7          |
| <b>STCAN</b>  |  |              |   |             |                                     |              |   |              |
| Nfld. - T.-N.   | 0                                      | 0            | 0.0   | 0.0         | 0                                   | 76           | 0.0   | 5.7          |
| N.S. - N.-E.  | 0                                      | 0            | 0.0   | 0.0         | 0                                   | 64           | 0.0   | 4.8          |
| Quebec - Québec (excl. Hull)  | 0                                      | 0            | 0.0   | 0.0         | 0                                   | 218          | 0.0   | 16.3         |
| Ontario (excl. Ottawa)  | 0                                      | 0            | 0.0   | 0.0         | 0                                   | 199          | 0.0   | 15.0         |
| N.C.R. - R.C.N.   | 0                                      | 0            | 0.0   | 0.0         | 115                                 | 3,499        | 8.3   | 254.5        |
| Manitoba  | 0                                      | 0            | 0.0   | 0.0         | 0                                   | 158          | 0.0   | 11.9         |
| Alberta   | 0                                      | 0            | 0.0   | 0.0         | 0                                   | 69           | 0.0   | 5.2          |
| B.C. - C.-B.  | 0                                      | 0            | 0.0   | 0.0         | 0                                   | 133          | 0.0   | 10.0         |
| <b>TOTAL STCAN - TOTAL</b>  | <b>0</b>                               | <b>0</b>     | <b>0.0</b>                                      | <b>0.0</b>  | <b>115</b>                          | <b>4,416</b> | <b>8.3</b>                                      | <b>323.4</b> |
| <b>SS - ASC</b>   |  |              |   |             |                                     |              |   |              |
| N.C.R. - R.C.N.   | 4                                      | 5            | 0.2   | 0.2         | 0                                   | 0            | 0.0   | 0.0          |



Table 7. Staff and Expenditures of Scientific Establishments, by Department and by Region, 1986-87 - Concluded  
 Tableau 7. Personnel et dépenses des établissements scientifiques, par ministère et par région, 1986-87 - Fin

| Department or agency and region<br>Ministère ou organisme et région | Natural sciences - Sciences naturelles |               |   |                | Social sciences - Sciences sociales |              |   |              |
|---|--|---------------|---|----------------|-------------------------------------|--------------|---|--------------|
|   | Staff<br>Personnel                     |               | Intramural expenditures<br>Dépenses intra-muros |                | Staff<br>Personnel                  |              | Intramural expenditures<br>Dépenses intra-muros |              |
|   | R&D<br>R-D                             | Total<br>R-D  | R&D<br>R-D                                      | Total          | R&D<br>R-D                          | Total<br>R-D | R&D<br>R-D                                      | Total        |
| Person years<br>Années-personnes                                    |  |               |   | \$ millions    | Person years<br>Années-personnes    |              |   |              |
| <b>TPT</b>  |  |               |   |                |                                     |              |   |              |
| Quebec - Québec (excl. Hull)  | 50                                     | 58            | 3.3   | 3.7            | 0                                   | 1            | 0.0   | 0.1          |
| Ontario (excl. Ottawa)  | 3                                      | 4             | 0.3   | 0.4            | 2                                   | 2            | 0.1   | 0.1          |
| N.C.R. - R.C.N.   | 27                                     | 53            | 3.4   | 6.0            | 0                                   | 0            | 0.0   | 0.0          |
| B.C. - C.-B.  | 0                                      | 0             | --  | --             | 0                                   | 0            | 0.0   | 0.0          |
| <b>TOTAL TPT - TOTAL</b>  | <b>80</b>                              | <b>115</b>    | <b>7.1</b>                                      | <b>10.2</b>    | <b>2</b>                            | <b>3</b>     | <b>0.1</b>                                      | <b>0.2</b>   |
| <b>TS - CT</b>  |  |               |   |                |                                     |              |   |              |
| N.C.R. - R.C.N.   | 0                                      | 0             | 0.0   | 0.0            | 0                                   | 229          | 0.0   | 18.3         |
| <b>TOTAL</b>  | <b>16,402</b>                          | <b>24,170</b> | <b>1,234.3</b>                                  | <b>1,857.3</b> | <b>789</b>                          | <b>9,102</b> | <b>48.0</b>                                     | <b>620.5</b> |



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