

# SOUTHAM MEDICAL DATABASE



SUPPLY, DISTRIBUTION  
AND MIGRATION  
OF CANADIAN  
PHYSICIANS, 1999



Canadian Institute  
for Health Information

# **Supply, Distribution and Migration of Canadian Physicians, 1999**

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## Introduction

Since the 1970s, the Southam Medical Database (SMDB) has been used by the federal and provincial governments, medical stakeholder groups, and various private organizations and researchers as a data source on the supply, distribution and migration of physicians.

The SMDB is useful for physician resource planning because it captures almost all physicians in Canada and due to the longevity of the data series, provides a useful historical perspective of physician supply and migration. While general counts, distributions and trends are of value, they only provide a part of the picture. It is important that these figures be used in conjunction with information on the activity levels of physicians. The SMDB does not have information on the activity levels of physicians, however the National Physician Database (NPDB) at CIHI can be used for this purpose.

The focus of *Supply, Distribution and Migration of Canadian Physicians, 1999* is to provide summary and detailed tables reflecting the status of physicians in 1999.

Similar in format to previous SMDB reports, this publication includes:

- A section containing a brief descriptive analysis of the 1999 data with references to historical trends; and
- Detailed 1999 data tables on supply, distribution and migration of Canadian physicians.

Comprehensive historical data are available in five previously released publications:

- *Supply and Distribution of Physicians, Canada, Selected Years, 1961 to 1995*;
- *International and Inter-provincial Migration of Physicians, Canada, 1970 to 1995*;
- *Supply, Distribution and Migration of Canadian Physicians, 1996*;
- *Supply, Distribution and Migration of Canadian Physicians, 1997*; and
- *Supply, Distribution and Migration of Canadian Physicians, 1998*.

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## Methodological Notes

### Background

The Southam Medical Database (SMDB) contains information on physicians in Canada and is maintained by Southam Business Lists (Scarborough, Ontario). Southam Business Lists uses the database to produce the Canadian Medical Directory and mailing lists for commercial purposes. CIHI purchases copies of this database annually and uses the data to produce publications, handle ad hoc requests for information, and fulfil special client requested projects.

The SMDB at CIHI contains information on the physician's name, gender, year of birth, province of residence, postal code, activity status, place and year of graduation from medical school, specialty, primary interest, medical appointment, hospital affiliation/hospital appointment, and prescribing information.

### Data Sources and Collection

#### *SMDB Data*

All data collection is done by Southam Business Lists and is collected from organizations and institutions such as the provincial registrars, medical schools, the Royal College of Physicians and Surgeons of Canada, the College of Family Physicians of Canada, and Canadian hospitals. An annual questionnaire is sent to all "active" physicians on the database and all new medical school graduates in order to confirm and/or update the information that is on record for the physician.

Southam Business Lists processes updates, such as changes and additions received from physicians and clients, weekly. Those from the provincial registers, except Ontario (which is done weekly), are done monthly. Deletions to the database are only done at the request of the database manager. The two reasons for deletions are (1) if a physician has died and, (2) if duplicate records for a physician have been identified. After a notification of death has been received, a physician's record will remain on the database for three years with their activity status flagged as deceased.

Prior to the transfer of the SMDB from Health Canada to CIHI, data files from 1968 to 1993 were received quarterly. Since 1993, data files have been received bi-annually (June and December). All files are maintained on a mainframe system. Modified versions of the December files from 1970 to 1999 are maintained on a network database (SQL) which is used for producing standard reports, ad hoc queries and special projects.

### *Population Data*

All population data used in this publication are from the Demography Division, Statistics Canada and their various publications. Population estimates for January 1 of a given year are obtained by CIHI when Statistics Canada releases the figures at the end of March of the same year. Appropriate revisions to population data are done on an annual basis by CIHI upon publication of the most recent year's SMDb data. All population sources are noted on the tables. See Appendix 1 for population data used to generate physician/population ratios.

**Note to Readers:** *Statistics Canada information is used with the permission of the Minister of Industry, as Minister responsible for Statistics Canada. Information on the availability of the wide range of data from Statistics Canada can be obtained from Statistics Canada's Regional Offices, its World Wide Web site at <http://www.statscan.ca>, or its toll-free access number 1-800-263-1136.*

### **Canadian Immigration Data**

Counts of physicians who have entered Canada as landed immigrants are obtained from Citizenship and Immigration Canada. Landed immigrants can enter with prearranged employment, which means employment has been prearranged for them through Citizenship and Immigration, or without prearranged employment. Physicians entering without prearranged employment by Citizenship and Immigration may or may not have employment opportunities already established.

### **U.S.A. Immigration Data**

The number of physicians whose last country of permanent residence was Canada, and who have been granted permanent residence status in the U.S.A., are supplied by the U.S.A. Immigration Service. The year the physician obtained permanent residence status is not necessarily the same year in which the physician moved to the U.S.A.. The physician may have been in the U.S.A. for numerous years before they requested, and were granted, permanent resident status. The 1997 U.S.A. Immigration data was most recent available data the time of printing.

### **Data Quality**

Southam Business Lists uses multiple sources to confirm the accuracy of their data. The database is also externally audited annually and must maintain a 97 percent accuracy rate. This audit is based on a sample of active records and not the entire database (active and inactive records are present on the database).

At CIHI, once the file has been received from Southam Business Lists, it is processed through a series of edit checks on the mainframe and an edit/verification report is produced. Edit checks are done on all records in the database—active and inactive. A copy of this report is forwarded to Southam Business Lists and is used by the database manager to update any identified coding errors.

Error rates for the inactive files are higher than those for the active files. Because Southam Business Lists uses only the active records for their main products and services, there is a greater effort to ensure the data in the active records are accurate and up to date. CIHI error rates are based on whether the particular value recorded in a field is defined in the code tables and therefore an appropriate response. Non-responses are also classified as errors. For the active records, error rates are almost non-existent for all variables. The error rates on the inactive records are higher especially for the specialty, primary interest and postal code variables. The more recent the data file, the less chance of higher error rates. As part of CIHI quality assurance policies, a complete review of the SMDB at CIHI was conducted. The SMDB Quality Assurance Report, which includes a description of the edit routines and error rates, is available from Health Human Resources at CIHI.

## Data Definitions

Each of the data elements listed correspond to a field on the physician's record. Only data elements used in the creation of *Supply, Distribution and Migration of Canadian Physicians, 1999* are described below. For a complete list of data elements present in SMDB please see Appendix 2.

### *Province of Residence*

Province of residence is the province where the physician receives mail. This address is updated by Southam Business Lists using data supplied by the provincial registrar's office.

### *Physician Type*

Intern  
Resident  
General Practitioners  
Specialist

The physician type "intern" is valid for the historical records. Even though two year pre licensure has replaced one year pre licensure, Southam Business Lists still lists physicians who are in their first year of residency, either family medicine or one of the other certified specialties, as interns. Unless otherwise noted, CIHI publications use the term Family Medicine Physician (FMP) which includes general practitioners (physicians, excluding interns and residents, without a current medical specialty) and family medicine and emergency family medicine specialists.

### *Medical Activity Code*

Active  
Active - Not in private practise  
Abroad  
U.S.A.

Southam defines a physician as "active" if they have an M.D. degree and a valid address (mail sent to the physician is not returned). "Active, Not in private practise", includes active physicians who are administrators, teachers etc. but do not engage in any private clinical practise. The "Active, Not in private practise" is reported by the physician to Southam Business Lists on the annual questionnaire. Southam will change

a physician's medical activity code from "Active, Not in private practise" to "Active" upon request of that physician. These two categories are combined by CIHI and are used to calculate the number of physicians.

The code "abroad" is used for a physician who has moved to an address outside the country.

In 1992, Southam added an additional code that indicates whether the physician has moved to the United States. The "abroad" category is combined with the "U.S.A." category to produce statistics on physicians moving abroad.

### *Current Medical Specialty/Medical Specialty 2–4*

Four fields for listing specialties (Certified)

Categories for the specialty certification variable are assigned according to designations defined by the Royal College of Physicians and Surgeons, the College of Family Physicians of Canada, and the College des médecins du Québec. Specialty codes are grouped into various categories for use in this publication. The individual physician record allows for a maximum of four specialties to be coded. If more than one specialty is listed, the specialist is tabulated under the most recently acquired certified specialty on the assumption that it most accurately reflects the current field of practise.

For the purposes of the publication, various specialties have been grouped into categories for reporting purposes e.g. internal medicine sub-specialties have been aggregated into the category of Internal Medicine. Specialties have been aggregated according to the groupings of the Royal College of Physician and Surgeon's groupings and cross-checked with groupings used by the Canadian Medical Association. For example, in Data Table 5.0, the sub-specialties of Internal Medicine are listed. For a listing of the grouping categories and the specialties included in each grouping, please see Appendices 3 and 4.

### *Graduating Country Indicator*

Canada

U.S.A.

Foreign

Used in conjunction with country of graduation field and university of graduation field. If graduating country indicator is "U.S.A.", country of graduation indicates the state. If graduating country indicator is "Foreign" then country of graduation is coded according to country code list.

### *Year of Graduation*

Year of M.D. Graduation

### *Gender*

Male, Female, Unknown

### *Date of Birth*

Year, Month, Day

## Computations

### *Counts*

All counts are based on “active” and “active, not in private practise” physicians. Military and semi-retired physicians are excluded. Except where noted, interns and residents are excluded from counts and indicators e.g. physician/population ratios. These figures represent the physician supply available to practise or re-enter practise. It is possible, using the “Registration Indicator” field to determine how many of the physicians are licensed to practise medicine in Canada. For example, in 1999, of the 56,990 physicians in Canada, 55,874 were provincially registered. For a more detailed description of this issue please see the SMDB Quality Assurance Report available from Health Human Resources, CIHI.

### *Physician/Population Ratios*

Physician/population ratios are computed for each province and also by province and specialty (grouped data). The numerator is the number of physicians in a province (by specialty) and the denominator is the number of people in the province. General population estimates are used. Population data are updated annually based on estimates from Statistics Canada. All ratios are per 100,000 population.

### *Population/Physician Ratios*

Population/physician ratios are calculated for each province and also by province and specialty (grouped data). The numerator is the number of people in the province and the denominator is the number of physicians for that province (by specialty). General population estimates are used. Population data are updated annually based on estimates from Statistics Canada.

### *Age and Mean Age*

For those physicians for whom date of birth was not available, age is calculated using year of M.D. graduation with age at M.D. graduation equal to 25 years. In 1999, there were 2,898 physicians (1,187 residents, 1,094 family medicine physicians and 617 specialists) for whom date of birth was unknown. Average (Mean) age is calculated by dividing the sum of ages over the number of physicians.

### *Interns and Residents*

Given the limitations of the intern and residents data on SMDB, only Data Tables 8–8.2, 12, 16, 19 and Appendix 5 include intern and residents data. Counts for interns and residents for 1961 to 1987 were provided by the provincial and territorial ministries of health. After 1987, the counts originated from the Canadian Post—M.D. Education Registry (CAPER)<sup>1</sup>.

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<sup>1</sup> Annual Census of Post-M.D. Trainees. Versions 1988/89 to 1998/99. Canadian Post-M.D. Education Registry (CAPER).

Counts for interns and residents are added to the counts for physicians to determine the total number of physicians. These counts will be an over estimate of the number of physicians because the CAPER data for interns and residents include physicians that could be recorded on SMDB as physicians. For example, a physician that was working as a Family Medicine Physician for a period of time and then returned for further training in a residency program, would appear on SMDB as a physician and in the CAPER database as a resident.

According to CAPER publications in 1997/1998 and 1999/2000, there were 189 and 98 respectively, re-entries of Canadian M.D. graduates to postgraduate training positions. Although this gives an indication of the level of double counting, it is not exact. Without doing a linkage between the two databases, it is impossible to know if the physicians who were counted as re-entries to postgraduate training in the CAPER data, were actually "active" on SMDB. See Appendix 5 for counts by provinces including interns and residents, 1961 to 1999.

### *Inter-provincial Migration*

The inter-provincial migration tables are derived by comparing the activity status and province of mailing address of the physicians in the previous year with their activity status and province in the current year, e.g. previous year = 1998, current year = 1999.

### *International Migration*

International migration is determined by comparing the activity status of physicians in the previous year with their activity status in the current year. Only physicians who were physicians in the previous year and had a change in activity status to "abroad" or "U.S.A." in the current year are counted as emigrants (moved abroad). International immigration is when the physician has an activity status in the previous year of "abroad" or "U.S.A." and has an "active" status in the current year (returned from abroad).

Counts by specialty, province, place of M.D. graduation and year of M.D. graduation are based on the physician's record in the current year.

## **Data Limitations**

The SMDB maintained by Southam Business Lists, was designed to produce mailing lists and for marketing purposes. Because of this, there are limitations that should be kept in mind when using the data. Data from the SMDB are used for determining supply, distribution and migration patterns at a national and/or provincial level. Over the last decade, advances in technology have improved the response time for reporting and the accuracy of the data.

It is important to note when using these data for physician resource planning, that there are advantages and disadvantages to using SMDB. The data provide information on the level of physician supply and migration in Canada but should also be used in conjunction with other physician databases that identify and define physician workload. Counts in SMDB will differ from other existing provincial and national systems, however, the difference is less than 5%

nationally and in some specialty groupings provincial figures are almost identical.<sup>2</sup> The strengths of SMDB are that it is historical in nature, which allows for analysis of time trends, and it is the only national system that monitors inter-provincial and international migration. The following limitations influence the accuracy of the data in the SMDB: the time delay in reporting changes to the physician's record, the recording of physicians moving abroad, the interns and residents data and the use of specialty designations.

The time delay in recording changes to the system will influence the accuracy of the data at any given point in time. For example, a physician may move out of country in November of a given year but the notification of the change may not reach Southam Business Lists for six months. This limitation has remained relatively constant over time. Technological advances and an increased effort to update physician information on a regular basis, have contributed to a decrease in the time delay between notification and when the physician's record is updated.

The number of physicians who are abroad could be under-reported in the SMDB. This is because any physician record that does not have a valid address e.g. mail sent to the physician is returned (three attempts are made), is coded as "removed" until a valid address for the physician can be located. When the activity status of a physician's record is changed to "removed", Southam attempts to locate the physician but if the physician cannot be located, the physician's record will continue to be classified as "removed". Some of the physicians who have records flagged as "removed" may therefore actually have moved abroad.

Additionally, the number of physicians who move abroad upon graduation from medical school and who have not "actively" practised medicine in Canada, may not be included in the numbers of physicians moving abroad. Physicians just graduating from medical school are entered on the SMDB upon graduation as Southam Business Lists receives the list of graduates from all Canadian medical schools. However the physician's record does not become "active" until Southam obtains a valid mailing address for the physician. The associated time delay is usually six months. Southam Business Lists obtains this address from any one of the above listed sources as the physician enters into residency training in Canada. If however, the physician moves abroad to take residency training, it is difficult to track those physicians and even though the name is on the database, the record would be flagged as "removed". This can result in the under counting of the number of physicians moving abroad.

For physicians who moved abroad from 1992 to 1999, it is possible to determine the number who reported that they were moving to the "U.S.A.". However, this would be an under-representation of those who actually went to the "U.S.A." because some physicians may not have indicated to which country they were going. For those physicians who left prior to 1992, they may also be in the "U.S.A." but Southam may have them listed as abroad.

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<sup>2</sup> See SMDB Quality Assurance Report, Health Human Resources, CIHI.



Numbers for interns and residents included in Figures 6 and 7 and Data Tables 8.0–8.2, 12, 16, 19, and Appendix 5 are for “active” interns and residents. On Southam “active” means the physician has a medical degree and a valid address. The numbers therefore, will be an under count of the total number of interns and residents. Depending on how mobile the physician is after graduation, e.g. some go abroad or move to a different city or province for post M.D. training, it can take Southam Business Lists awhile to establish a valid address for the intern or resident. For physicians moving inter-provincially, the effect of the undercount will not be as great as for physicians moving internationally.

This is because the physicians moving abroad after graduation are usually abroad for at least a year, and in many cases, much longer. Once they are abroad their record becomes inactive on Southam Business Lists file. The record will not become active until the physician returns to Canada and begins to practise medicine.

For this reason, the international migration tables exclude interns and residents. Physicians who move within Canada are more likely to be located within a few months after their name has been added to the Southam Business Lists file. Certain tables on inter-provincial migration therefore will include information on interns and residents.

Specialty codes are grouped into various categories for use in this publication. The individual physician record allows for a maximum of four specialties to be coded. The physician specialty for publication purposes is the latest acquired specialty on the assumption that it most accurately reflects the current field of practise. Although certified specialty is useful, functional specialty of the physician is a more appropriate measure to be used for physician resource planning.

## **Products and Services**

There are three types of products that are generated from the SMDB—ad hoc requests, publications and special projects. Ad hoc requests are generally short queries that do not require major programming resources. Most ad hoc requests can be handled through standard reports that are generated annually. Publications already produced include:

- *Supply and Distribution of Physicians, Canada, Selected Years, 1961 to 1995;*
- *International and Inter-provincial Migration of Physicians, Canada, 1970 to 1995;*
- *Supply, Distribution and Migration of Canadian Physicians, 1996;*
- *Supply, Distribution and Migration of Canadian Physicians, 1997; and*
- *Supply, Distribution and Migration of Canadian Physicians, 1998.*

Special projects require project planning and the commitment of extra resources. Please contact Health Human Resources at CIHI for costs associated with these products and services. Contact information can be found on page 1.

## Descriptive Analysis: Supply, Distribution, and Migration of Physicians in Canada, 1999

Unless otherwise noted, "physicians" refers to physicians who practise in clinical and/or non-clinical practise, excluding interns and/or residents. The terms GP/FPs and family medicine physicians are used synonymously, unless otherwise noted.

### Number of Physicians

Table 1 shows the number of physicians by type of physician and province from 1995 to 1999. After a slight decline between 1995 and 1996, the total number of physicians practising medicine in Canada has steadily increased. Since 1995, the number of physicians has grown from 55,006 to 56,990 (3.6%), due primarily to an increase in the number of specialists. While the number of family medicine physicians has remained stable since 1995, the number of specialists practising in Canada has increased by 6.7%.

**Table 1. Number of Physicians by Physician Type and Province/Territory, Canada, 1995 to 1999**

	Family Medicine						Specialists						Total Physicians					
	1995	1996	1997	1998	1999	% change (95-99)	1995	1996	1997	1998	1999	% change (95-99)	1995	1996	1997	1998	1999	% change (95-99)
Nfld.	606	569	569	560	558	(7.9)	334	359	363	366	369	10.5	940	928	932	926	927	(1.4)
P.E.I.	100	99	95	100	103	3.0	76	71	70	75	77	1.3	176	170	165	175	180	2.3
N.S.	931	924	924	947	956	2.7	802	822	842	883	915	14.1	1,733	1,746	1,766	1,830	1,871	8.0
N.B.	660	662	657	675	687	4.1	448	460	470	477	477	6.5	1,108	1,122	1,127	1,152	1,164	5.1
Que.	7,528	7,561	7,559	7,685	7,755	3.0	7,631	7,682	7,756	7,796	7,839	2.7	15,159	15,243	15,315	15,481	15,594	2.9
Ont.	10,230	9,903	9,773	9,802	9,811	(4.1)	10,217	10,313	10,429	10,667	10,914	6.8	20,447	20,216	20,202	20,469	20,725	1.4
Man.	1,012	992	1,004	1,011	1,047	3.5	971	981	1,009	1,007	1,008	3.8	1,983	1,973	2,013	2,018	2,055	3.6
Sask.	932	879	868	896	947	1.6	595	596	606	634	625	5.0	1,527	1,475	1,474	1,530	1,572	2.9
Alta.	2,453	2,399	2,375	2,516	2,627	7.1	2,032	2,073	2,136	2,246	2,344	15.4	4,485	4,472	4,511	4,762	4,971	10.8
B.C.	4,080	4,144	4,189	4,263	4,266	4.6	3,261	3,361	3,433	3,489	3,559	9.1	7,341	7,505	7,622	7,752	7,825	6.6
Y.T.	39	40	43	40	36	(7.7)	5	7	7	6	6	20.0	44	47	50	46	42	(4.5)
N.W.T.	48	49	52	47	45	(6.3)	15	12	14	15	19	26.7	63	61	66	62	64	1.6
Canada	28,619	28,221	28,108	28,542	28,838	0.8	26,387	26,737	27,135	27,661	28,152	6.7	55,006	54,958	55,243	56,203	56,990	3.6

Source: SMDB, CIHI

**Notes:** Excludes interns and residents.  
Data as of December 31 of given year.  
Includes physicians in clinical and/or non-clinical practice.

Between 1995 and 1999, Alberta (10.8%) and Nova Scotia (8%) experienced the greatest percent increases in the total number of physicians. The Yukon (4.5%) and Newfoundland (1.4%) experienced the greatest declines.

Most provinces experienced an increase in the number of family medicine physicians between 1995 and 1999, with Alberta (7.1%), British Columbia (4.6%) and New Brunswick (4.1%) showing the largest growth. All provinces experienced steady increases in the number of specialists over the past six years, with increases in Alberta (15.4%), Nova Scotia (14.1%) and Newfoundland (10.5%). Although both the Yukon (20%) and Northwest Territories (26.7%) experienced larger percent increases, the actual numbers are relatively small and subject to wider variation.

### Physicians per 100,000 Population

The increase in the number of physicians over the past few years has not kept pace with the growth in the Canadian population.

Table 2 shows the number of physicians per 100,000 population by province/territory and for Canada. The number of physicians per 100,000 population varies by physician type and by province. Overall, there are 186 physicians for every 100,000 people in Canada, with three provinces exceeding the national rate: British Columbia at 194 per 100,000 population, Nova Scotia at 199, and Quebec at 212. The Northwest Territories have the lowest rate with 92 physicians per 100,000 population.

**Table 2. Physicians per 100,000 Population by Physician Type and Province/Territory, Canada, 1995 to 1999**

	Family Medicine						Specialists						Total Physicians					
	1995	1996	1997	1998	1999	% change (95-99)	1995	1996	1997	1998	1999	% change (95-99)	1995	1996	1997	1998	1999	% change (95-99)
Nfld.	107	102	103	103	103	(3.7)	59	64	66	67	68	15.3	167	166	169	170	171	2.4
P.E.I.	74	73	69	73	74	0.0	56	52	51	55	55	(1.8)	130	125	121	127	130	0.0
N.S.	100	99	99	101	101	1.0	86	88	90	94	97	12.8	186	187	189	195	199	7.0
N.B.	88	88	87	90	91	3.4	60	61	62	63	63	5.0	147	149	149	153	154	4.8
Que.	104	104	103	105	105	1.0	105	105	106	106	107	1.9	209	209	209	211	212	1.4
Ont.	93	89	86	86	85	(8.6)	93	92	92	93	94	1.1	185	181	179	179	179	(3.2)
Man.	89	87	88	89	91	2.2	86	86	89	88	88	2.3	175	174	177	177	179	2.3
Sask.	92	86	85	87	92	0.0	59	58	59	62	61	3.4	150	145	144	149	153	2.0
Alta.	89	86	83	86	88	(1.1)	74	74	75	77	79	6.8	163	159	157	162	167	2.5
B.C.	106	106	105	106	105	(0.9)	85	86	86	87	88	3.5	191	191	191	193	194	1.6
Y.T.	124	125	135	130	119	(4.0)	16	22	22	19	20	25.0	140	146	157	149	138	(1.4)
N.W.T.	72	73	77	69	65	(9.7)	22	18	21	22	27	22.7	94	90	98	91	92	(2.1)
Canada	97	95	93	94	94	(3.1)	89	90	90	91	92	3.4	186	184	183	185	186	0.0

Source: SMDB, CIHI

**Notes:** Physician per 100,000 ratios for 1999 are revised from previous years figures due to updated population estimates. Therefore, figures may differ from past publications.  
Excludes interns and residents.  
Data as of December 31 of given year.  
Includes physicians in clinical and/or non-clinical practice.

There are 92 specialists (including clinical, laboratory, surgical, and medical specialists) per 100,000 population in Canada. Three provinces (Nova Scotia at 97, Quebec at 107, and Ontario at 94) exceed this figure. Seven provinces/territories fall below this figure, with the Yukon (20 per 100,000) and the Northwest Territories (27 per 10,000) having the fewest specialists per 100,000 population.

The distribution of family medicine physicians is somewhat different from that of specialists. Overall there are 94 family physicians per 100,000 population, with Newfoundland, Nova Scotia, Quebec, British Columbia, and the Yukon exceeding this figure. Prince Edward Island and the Northwest Territories have substantially fewer family medicine physicians per 100,000.

## Gender of Physicians

Table 3 compares the gender distribution of physicians in Canada over a five-year period. The number of female physicians in Canada continues to increase. Between 1995 and 1999, there has been a 14.7% increase in the number of female physicians while the number of male physicians decreased 0.3%.

**Table 3. Number and Percent Distribution of Physicians by Gender, Canada, 1995 to**

Year	Males		Females		Unknown		Total	
	Counts	%	Counts	%	Counts	%	Counts	%
1995	40,737	74.1	14,209	25.8	60	0.1	55,006	100.0
1996	40,303	73.3	14,614	26.6	41	0.1	54,958	100.0
1997	40,183	72.7	15,019	27.2	41	0.1	55,243	100.0
1998	40,462	72.0	15,672	27.9	69	0.1	56,203	100.0
1999	40,601	71.2	16,296	28.6	93	0.2	56,990	100.0

Source: SMDB, CIHI

**Notes:** For those physicians where date of birth was not available, age was calculated using year of M.D. graduation, assuming age at M.D. graduation equal to 25 years.  
Excludes residents.  
Includes physicians in clinical and/or non-clinical practice.

Although the majority of physicians in Canada are male (71.2%), significant changes in medical school enrollment during the 1980s and 1990s will contribute to an continued increase in the proportion of females in the physician population in upcoming years.

The number of graduates from Canadian faculties of medicine increased 93.3% from 1958 to 1998, with some minor fluctuations. Table 4 shows the number of graduates of Canadian faculties of medicine by gender and ten-year intervals.

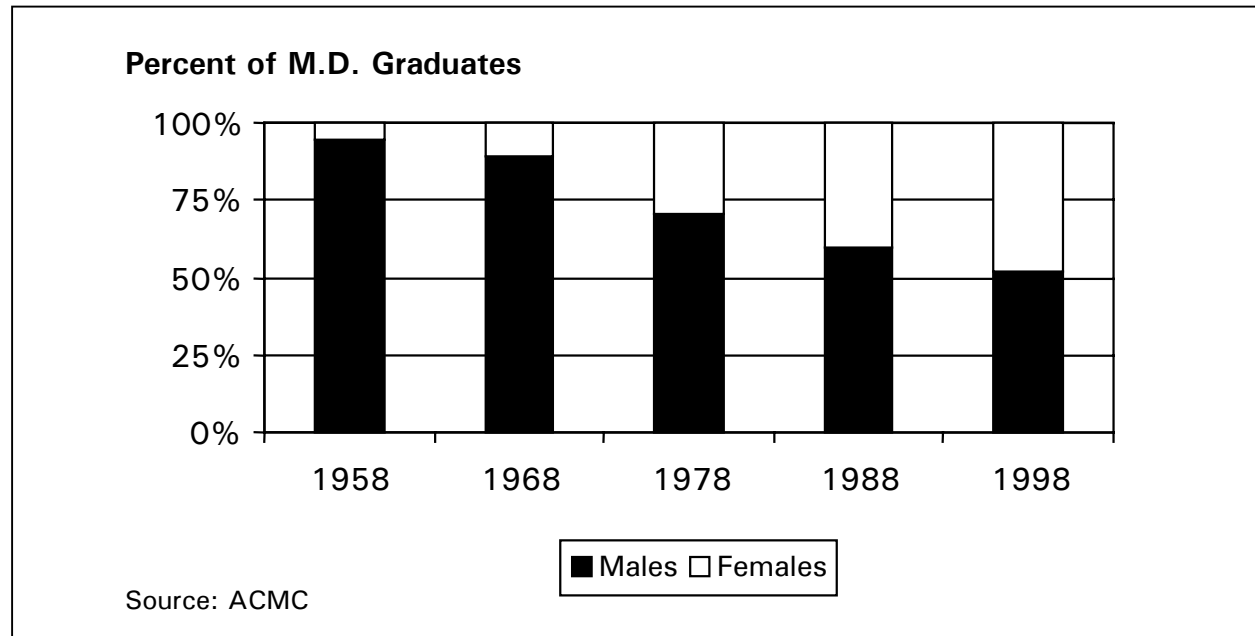
**Table 4. Graduates of Canadian Faculties of Medicine by Gender, Canada, 1958 to 1998, Selected Years**

Year	Males		Females		Total	
	Counts	%	Counts	%	Counts	%
1958	786	94.7	44	5.3	830	100.0
1968	905	89.1	111	10.9	1,016	100.0
1978	1,239	70.6	516	29.4	1,755	100.0
1988	1,060	59.5	721	40.5	1,781	100.0
1998	828	51.6	776	48.4	1,604	100.0

Source: ACMC, 1999

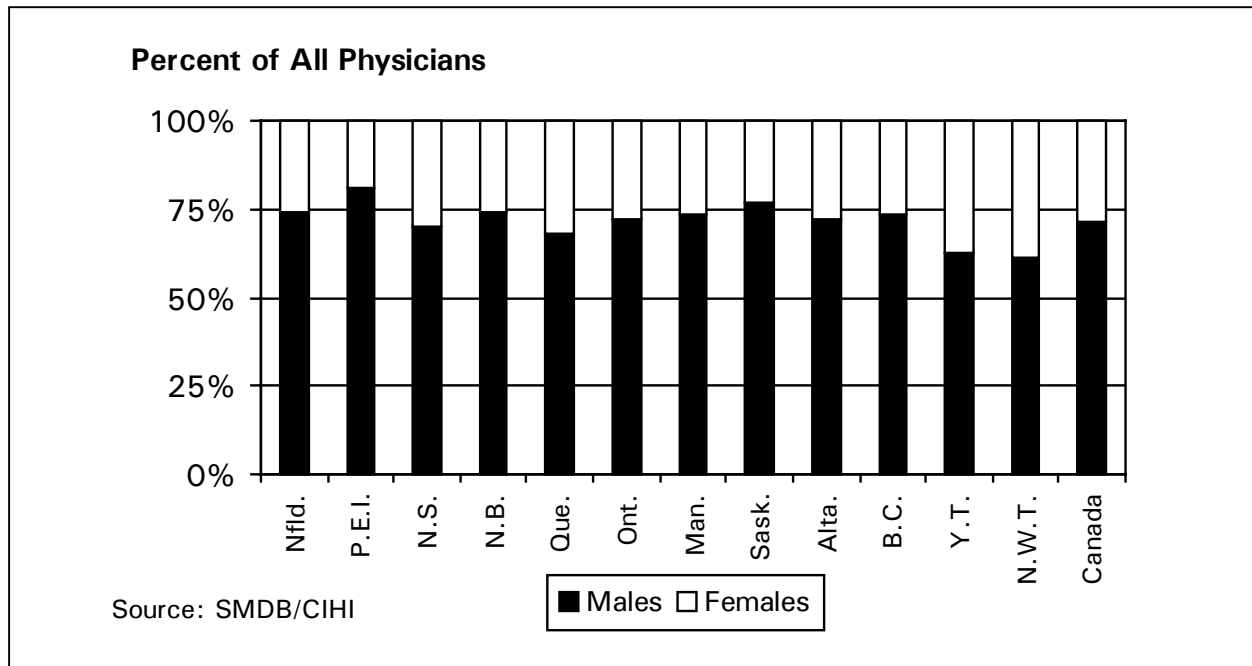
Source: Association of Canadian Medical Colleges, 1999

The proportion of female graduates has increased dramatically since 1958, when females represented 5.3% of all Canadian medical graduates. By 1998, females represented 48.4% of Canadian medical graduates. This shift is reflected in the changing mix of practising physicians; as shown in Figure 1, the number of female physicians has steadily increased, resulting in a proportionate decline in the number of male physicians.

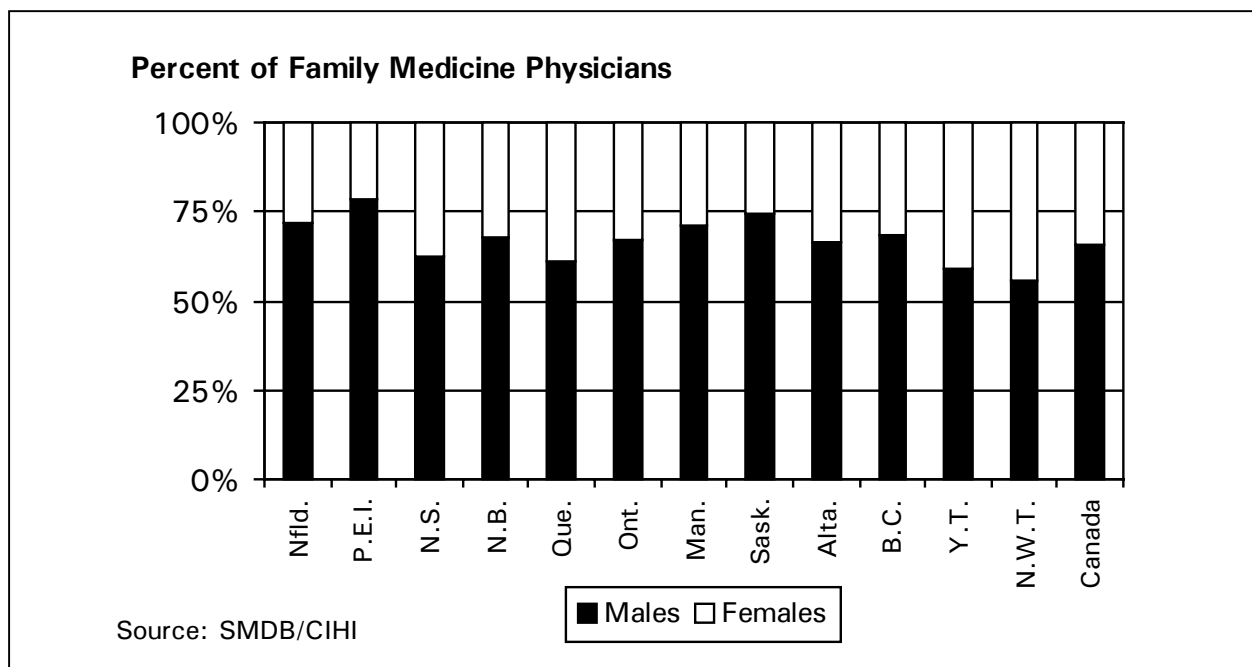


**Figure 1. Percentage of M.D. Graduates by Gender, Canada, 1958 to 1998, Selected Years**

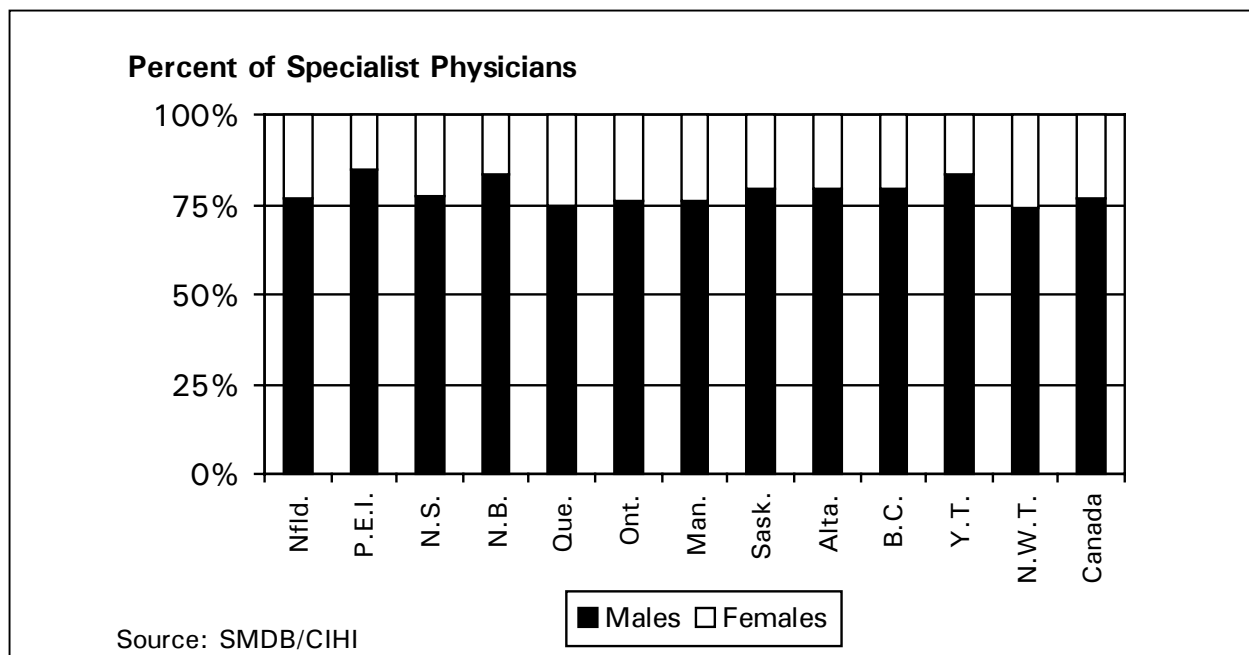
Figures 2a, 2b and 2c show the gender distribution in 1999 by province and type of physician. The gender split varies by type of physician, as females tend to practise family medicine or the medical specialties rather than surgical specialties. Approximately 66% of family medicine physicians are male compared to 76.7% of specialists.



**Figure 2a. Percentage of Physicians by Gender and Province/Territory, Canada, 1999**



**Figure 2b. Percentage of Family Medicine Physicians by Gender and Province/Territory, Canada, 1999**



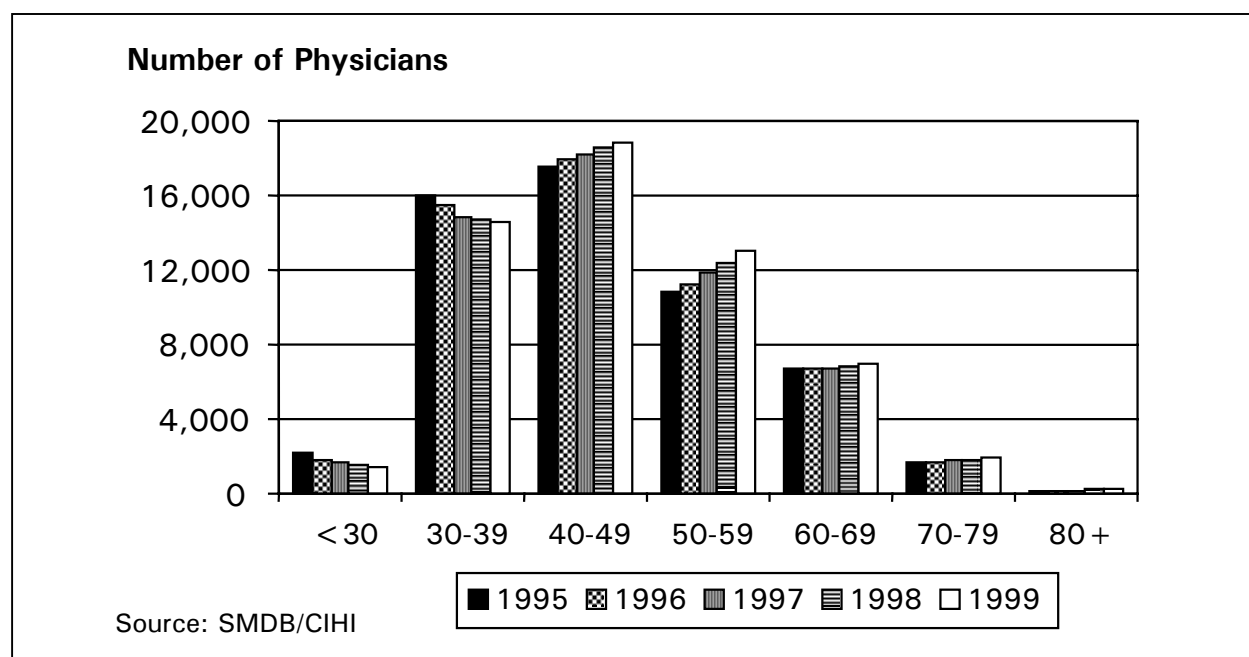
**Figure 2c. Percentage of Specialist Physicians by Gender and Province/Territory, Canada, 1999**

Northwest Territories (38.7%) has the highest proportion of female physicians, followed by the Yukon (37.5%). Prince Edward Island (18.8%) and Saskatchewan (23.1%) have the lowest percentage of female physicians.

### Age Distribution of Physicians

Figure 3 compares the distribution of physicians by age-group over a five year period. There has been a small but steady decrease in the number of physicians under the age of 40 years (33% in 1995, 28.1% in 1999). There has been a roughly equivalent increase in the number of physicians aged 50 to 59 years (19.6% in 1995, 22.8% in 1999).

Although some physicians continue to practise medicine full-time, many physicians begin to retire or reduce their practise-loads after age 60. In 1999, 15.9% of physicians were over the age of 60. This percentage has been fairly consistent over the last several years.



**Figure 3. Distribution of Physicians by Age Group, Canada, 1995 to 1999**

### Average Age of Physicians by Type of Practise and Province

The average age for physicians in Canada increased to 47.2 years in 1999 from 46.3 years in 1995. The average age of a family medicine physician increased from 44.3 years in 1995 to 45.8 years in 1999, while the average age for a specialist physician increased slightly from 48.3 years to 48.8 years over the same period. See Table 5.

In 1995, Prince Edward Island physicians had the highest average age of 47.7 years, with Ontario (46.8 years) and Saskatchewan (46.9 years) slightly higher than the national average age at 46.3 years. The average age of physicians in Quebec was the same as the national average, while physicians in all other provinces/territories had average ages below the national average age of 46.3 years.

In 1999, there was a similar ranking by provinces/territories of average age, except the Yukon jumped from having an average age below the national average, 44 years, to 46.7 years. Each province saw an increase of the average age by one year, while the average age of physicians in the Northwest Territories increased from 42.2 years in 1995 to 42.4 years in 1999.



**Table 5. Average Age (in Years) of Physicians by Physician Type and Province/Territory, Canada, 1995 and 1999**

	1995			1999		
	Family Medicine	Specialists	Total Physicians	Family Medicine	Specialists	Total Physicians
<b>Nfld.</b>	43.2	47.6	44.8	45.0	47.8	46.1
<b>P.E.I.</b>	47.6	47.8	47.7	48.7	49.2	48.9
<b>N.S.</b>	44.6	47.6	46.0	45.9	47.7	46.8
<b>N.B.</b>	44.0	47.8	45.5	45.7	48.1	46.7
<b>Que.</b>	43.7	48.8	46.3	44.9	49.2	47.1
<b>Ont.</b>	45.2	48.4	46.8	46.7	48.9	47.9
<b>Man.</b>	43.4	47.8	45.6	45.1	48.8	46.9
<b>Sask.</b>	46.0	48.5	46.9	46.7	48.7	47.5
<b>Alta.</b>	43.7	46.7	45.0	45.0	46.9	45.9
<b>B.C.</b>	43.9	48.6	46.0	45.6	49.0	47.1
<b>Y.T.</b>	43.3	50.0	44.0	45.9	51.5	46.7
<b>N.W.T.</b>	42.3	41.9	42.2	41.4	44.7	42.4
<b>Canada</b>	<b>44.3</b>	<b>48.3</b>	<b>46.3</b>	<b>45.8</b>	<b>48.8</b>	<b>47.2</b>

Source: SMDB/CIHI

**Notes:** Excludes interns and residents.

Data as of December 31 of given year.

For those physicians whom date of birth was not available their age was calculated using year of M.D. graduation with age at M.D. graduation equal to 25 years.

Includes physicians in clinical and/or non-clinical practice.

### Distribution of Physicians by Country and Year of M.D. Graduation

Through most of the 1970s, approximately 30% to 35% of Canada's physician supply was educated outside of the country. By the mid-1970s, Canada was increasingly producing its own physicians, lessening the need for foreign-educated physicians. However, recruitment of foreign-educated physicians continues in Canada, especially to work in under-serviced or predominantly rural areas of Newfoundland, Saskatchewan, and Manitoba.

Table 6 compares the distribution of physicians by M.D. graduation for selected years from 1980 to 1999. In this period, the total number of physicians has increased 52.8%, including a 75.5% increase in the number of Canadian-educated physicians, and a 21.1% decrease in the number of foreign-educated physicians. This reflects the shift away from foreign recruitment, as an increasing percentage of Canadian physicians are educated in Canada.

**Table 6. Number and Percent Distribution of Physicians by Place of M.D. Graduation, Canada, Selected Years, 1980 to 1999**

Year	Canada		Foreign		Unknown		Total	
	Counts	%	Counts	%	Counts	%	Counts	%
1980	25,912	69.5	11,330	30.4	45	0.1	37,287	100.0
1985	31,715	71.7	12,490	28.2	25	0.1	44,230	100.0
1990	38,295	73.9	13,514	26.1	32	0.1	51,841	100.0
1995	41,527	75.5	13,455	24.5	24	0.0	55,006	100.0
1999	43,616	76.5	13,216	23.2	158	0.3	56,990	100.0

Source: SMDB, CIHI

**Notes:** Excludes interns and residents.  
Includes physicians in clinical and/or non-clinical practice.

Table 7 provides the distribution of physicians by province and type of physician, showing the location of medical school education (Canada or Foreign). In 1999, 76.7% (43,616) of physicians in Canada were Canadian-educated, including 78.1% (22,395) of family medicine physicians, and 75.4% (21,221) of specialists.

Provincially, Québec has the smallest proportion of foreign-educated physicians, representing only 10.4% (807) of its family medicine physicians, and 12.9% (1,009) of its specialists. Conversely, foreign-educated physicians comprise 59.7% (558) of Saskatchewan's family medicine physicians, and 40.3% (252) of its specialists.

**Table 7. Number and Percent Distribution of Physicians by Province, Type of Physician, and Place of M.D. Graduation, Canada, 1999**

	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Y.T.	N.W.T.	Canada
<b>Family Medicine</b>	<b>545</b>	<b>103</b>	<b>955</b>	<b>685</b>	<b>7,732</b>	<b>9,797</b>	<b>968</b>	<b>934</b>	<b>2,623</b>	<b>4,262</b>	<b>36</b>	<b>42</b>	<b>28,682</b>
Canadian M.D. Graduates	302	90	721	546	6,925	7,751	564	376	1,802	3,258	27	33	22,395
Foreign M.D. Graduates	243	13	234	139	807	2,046	404	558	821	1,004	9	9	6,287
<b>Specialists</b>	<b>369</b>	<b>77</b>	<b>914</b>	<b>477</b>	<b>7,839</b>	<b>10,914</b>	<b>1,007</b>	<b>625</b>	<b>2,344</b>	<b>3,559</b>	<b>6</b>	<b>19</b>	<b>28,150</b>
Canadian M.D. Graduates	226	60	645	369	6,830	7,730	783	373	1,796	2,389	5	15	21,221
Foreign M.D. Graduates	143	17	269	108	1,009	3,184	224	252	548	1,170	1	4	6,929
<b>Total Physicians</b>	<b>914</b>	<b>180</b>	<b>1,869</b>	<b>1,162</b>	<b>15,571</b>	<b>20,711</b>	<b>1,975</b>	<b>1,559</b>	<b>4,967</b>	<b>7,821</b>	<b>42</b>	<b>61</b>	<b>56,832</b>
Canadian M.D. Graduates	528	150	1,366	915	13,755	15,481	1,347	749	3,598	5,647	32	48	43,616
Foreign M.D. Graduates	386	30	503	247	1,816	5,230	628	810	1,369	2,174	10	13	13,216
<b>Percent Distribution</b>													
	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Y.T.	N.W.T.	Canada
<b>Family Medicine</b>	<b>59.6</b>	<b>57.2</b>	<b>51.1</b>	<b>59.0</b>	<b>49.7</b>	<b>47.3</b>	<b>49.0</b>	<b>59.9</b>	<b>52.8</b>	<b>54.5</b>	<b>85.7</b>	<b>68.9</b>	<b>50.5</b>
Canadian M.D. Graduates	33.0	50.0	38.6	47.0	44.5	37.4	28.6	24.1	36.3	41.7	64.3	54.1	39.4
Foreign M.D. Graduates	26.6	7.2	12.5	12.0	5.2	9.9	20.5	35.8	16.5	12.8	21.4	14.8	11.1
<b>Specialists</b>	<b>40.4</b>	<b>42.8</b>	<b>48.9</b>	<b>41.0</b>	<b>50.3</b>	<b>52.7</b>	<b>51.0</b>	<b>40.1</b>	<b>47.2</b>	<b>45.5</b>	<b>14.3</b>	<b>31.1</b>	<b>49.5</b>
Canadian M.D. Graduates	24.7	33.3	34.5	31.8	43.9	37.3	39.6	23.9	36.2	30.5	11.9	24.6	37.3
Foreign M.D. Graduates	15.6	9.4	14.4	9.3	6.5	15.4	11.3	16.2	11.0	15.0	2.4	6.6	12.2
<b>Total Physicians</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Canadian M.D. Graduates	57.8	83.3	73.1	78.7	88.3	74.7	68.2	48.0	72.4	72.2	76.2	78.7	76.7
Foreign M.D. Graduates	42.2	16.7	26.9	21.3	11.7	25.3	31.8	52.0	27.6	27.8	23.8	21.3	23.3

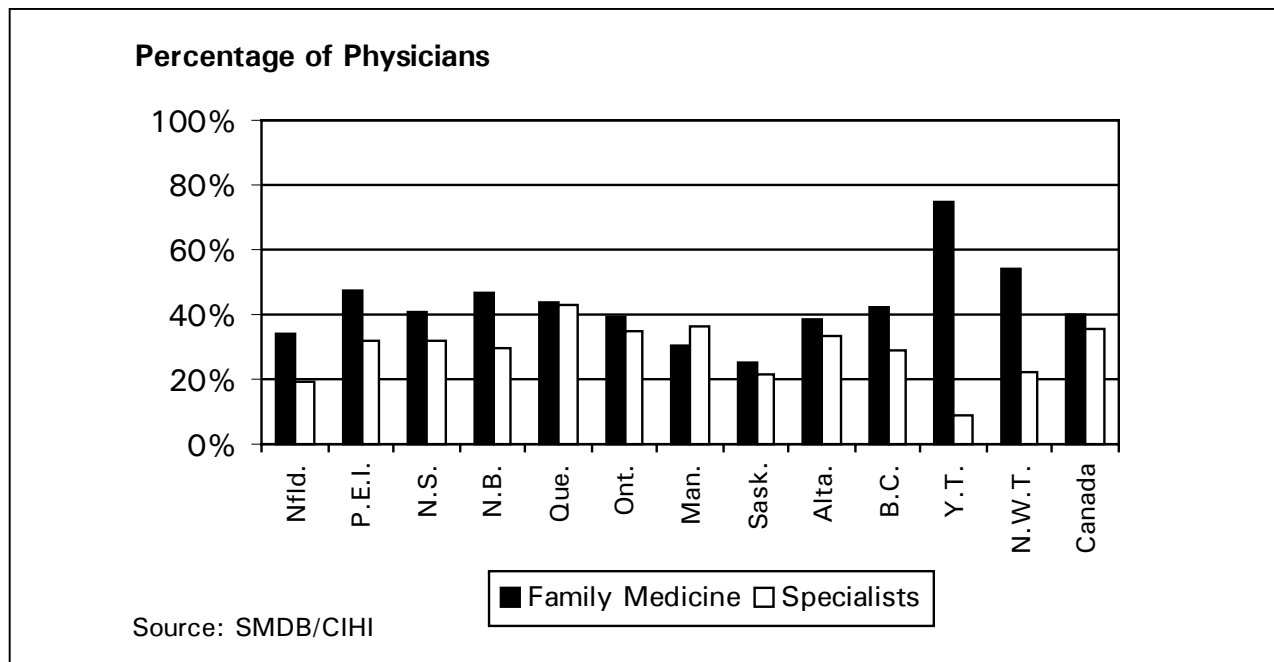
Source: SMDB, CIHI

**Notes:** Excludes interns and residents.  
Data as of December 31 of given year.  
This does not include 158 cases where place of M.D. graduation was not specified.  
Includes physicians in clinical and/or non-clinical practice.

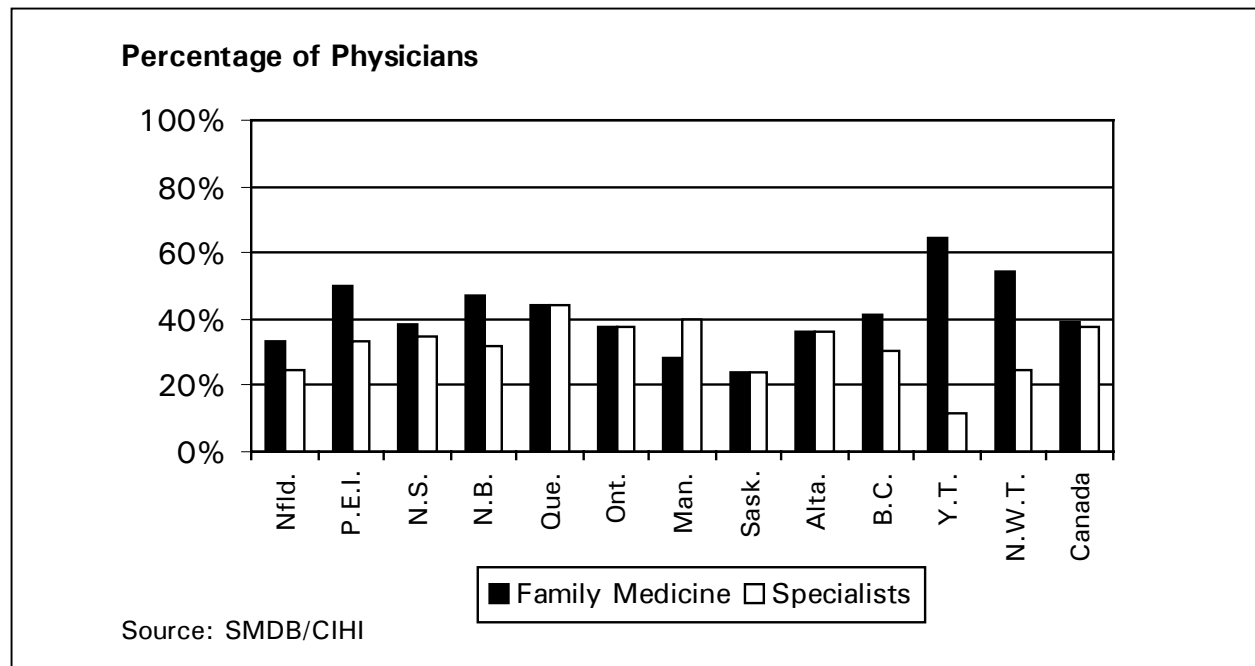
Data from 1995 to 1999 indicate that while Canadian-educated physicians represent a larger proportion of all physicians in Canada, much of this growth is due to an increase in the number of Canadian-educated specialists. The proportion of Canadian-educated family medicine physicians decreased from 40.3% of all physicians in 1995 to 39.4% in 1999. This decline is the result of an increase in the number of specialists in Canada during this period. In 1995, Canadian-educated specialists represented 35.3% of all Canadian physicians; by 1999, it was 37.3%.

During this period, the proportion of Canadian-educated physicians increased for all but two provinces/territories (Nova Scotia and the Yukon). However, the proportion of Canadian-educated family medicine physicians decreased in eight provinces/territories during this period, while the proportion of Canadian-educated specialists increased for all twelve provinces/territories.

Figures 4a and 4b provide a breakdown of Canadian-educated physicians by type of physician and province/territory for the years 1995 and 1999.

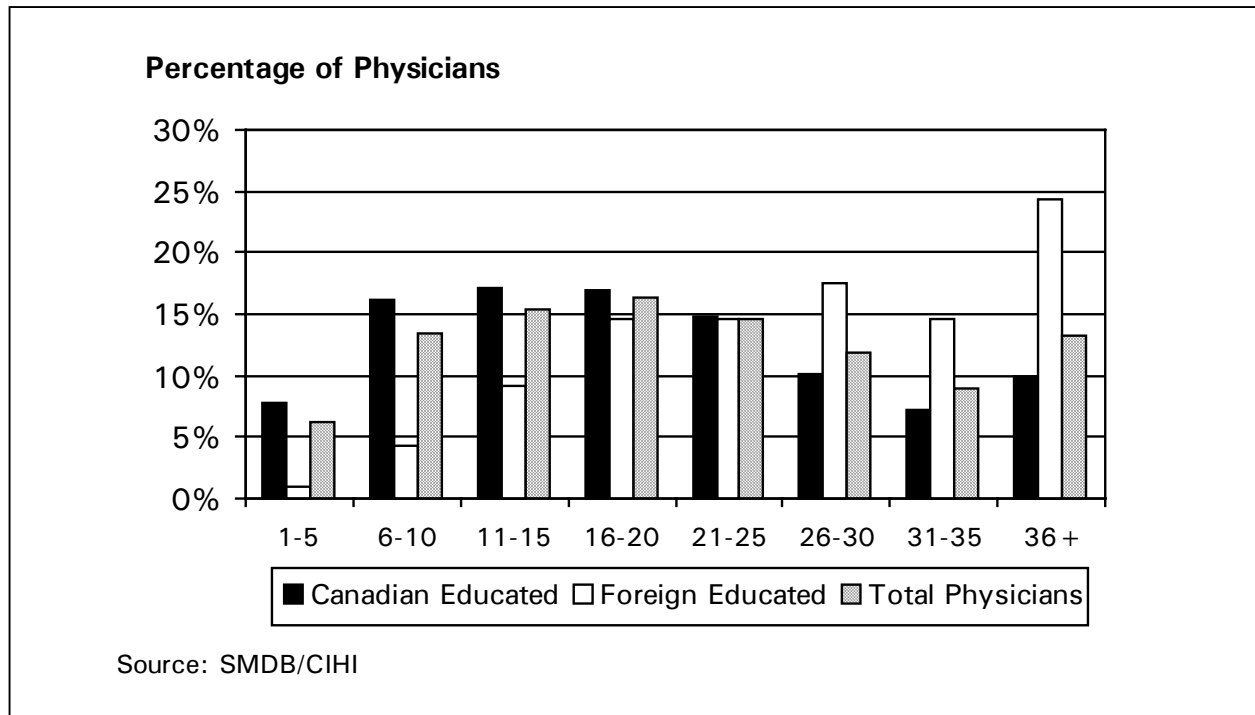


**Figure 4a. Percentage of Canadian-Educated Physicians by Physician Type and Province/Territory, Canada, 1995**



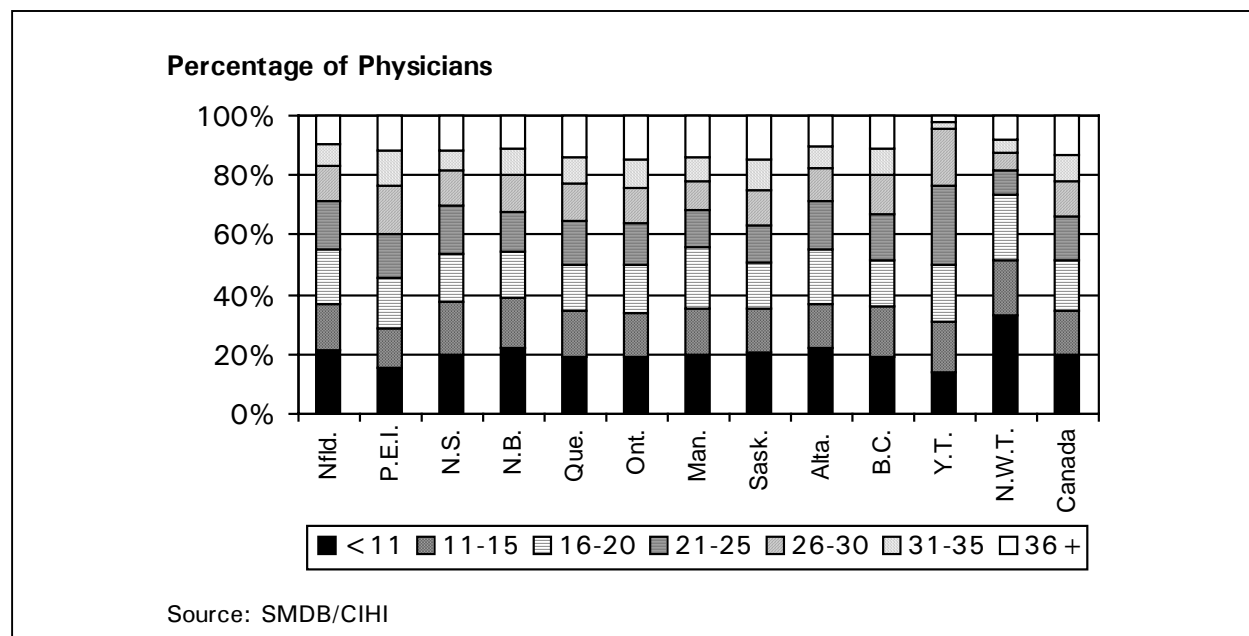
**Figure 4b. Percentage of Canadian-Educated Physicians by Physician Type and Province/Territory, Canada, 1999**

Figure 5 shows the distribution of Canadian physicians by location of and years since M.D. graduation. These data indicate that on average, Canadian-educated physicians have more recently graduated from M.D. programs than foreign-educated physicians in Canada. For example, 56.6% (7,473) of foreign-educated physicians graduated 26 years ago or more, compared to only 27.3% (11,947) of Canadian-educated physicians. Conversely, 41.1% (17,985) of Canadian-educated physicians graduated less than 15 years ago, compared to 14.3% (1,896) of foreign-educated physicians.



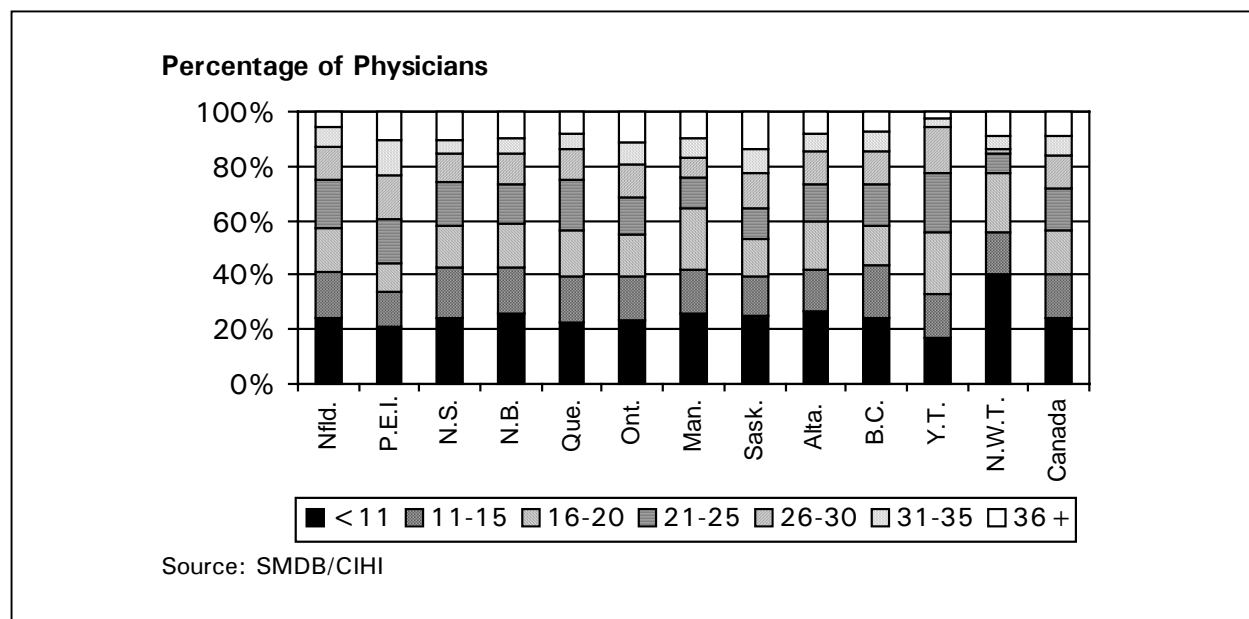
**Figure 5. Percent Distribution of Physicians by Years Since M.D. Graduation and Place of M.D. Graduation, Canada, 1999**

Figure 5a illustrates the percent distribution of all physicians in Canada by years since M.D. graduation and by province/territory for 1999. Almost half (46.4%) of all physicians in practise graduated between 11 and 25 years ago, with 19.5% of Canadian physicians (the largest proportion), graduating less than 11 years ago.

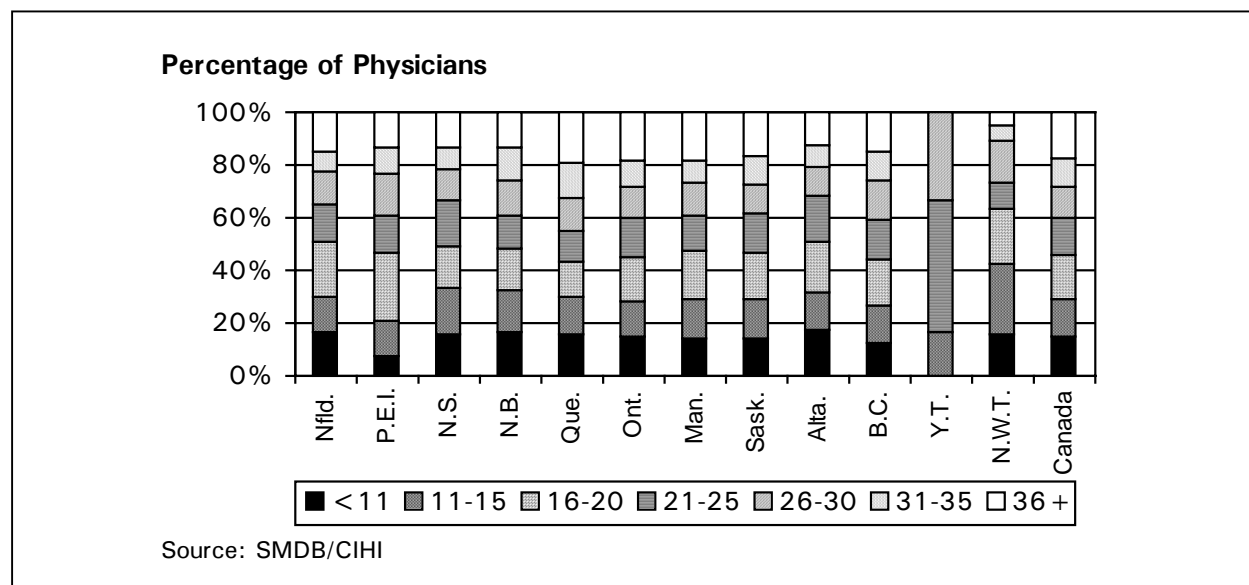


**Figure 5a. Percent Distribution of All Physicians by Years Since M.D. Graduation and Province/Territory, Canada, 1999**

Due to the length of residency training programs for specialist physicians, a greater proportion of family medicine physicians graduated less than 11 years ago (23.8%) than specialists (15.1%). However, the percentage of physicians having graduated 11 to 25 years ago is relatively close for family medicine physicians (48.1%) and specialists (44.6%), indicating that a greater proportion of specialists graduated more than 25 years ago.



**Figure 5b. Percent Distribution of Family Medicine Physicians by Years Since M.D. Graduation, by Province, 1999**



**Figure 5c. Percent Distribution of Specialists by Years Since Graduation, by Province, 1999**

## Migration of Canadian Physicians

### Inter-provincial Migration

Table 8 shows the number of physicians who moved inter-provincially in each of the given years from 1995 to 1999. This includes physicians who were residents in the previous year and became family medicine physicians or specialists in the given year. Inter-provincial migration decreased 4.3% from 1,146 physicians who moved inter-provincially in 1998 to 1,097 in 1999. Levels of inter-provincial migration have increased by 20% over the past five years, but have declined over the past decade.

**Table 8. Physicians Who Moved Inter-provincially in Each of the Years, Canada, 1995 to 1999**

	1995	1996	1997	1998	1999
Family Medicine	381	360	335	352	351
Specialists	294	306	326	393	442
Resident	242	323	323	401	304
<b>Total Physicians</b>	<b>917</b>	<b>989</b>	<b>984</b>	<b>1,146</b>	<b>1,097</b>
	<b>Percent Distribution</b>				
Family Medicine	41.5	36.4	34.0	30.7	32.0
Specialists	32.1	30.9	33.1	34.3	40.3
Resident	26.4	32.7	32.8	35.0	27.7
<b>Total Physicians</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>

Source: SMDB/CIHI

**Notes:** Physician characteristics and physician type are based on physicians' record in the given year. Includes physicians in clinical and/or non-clinical practice.

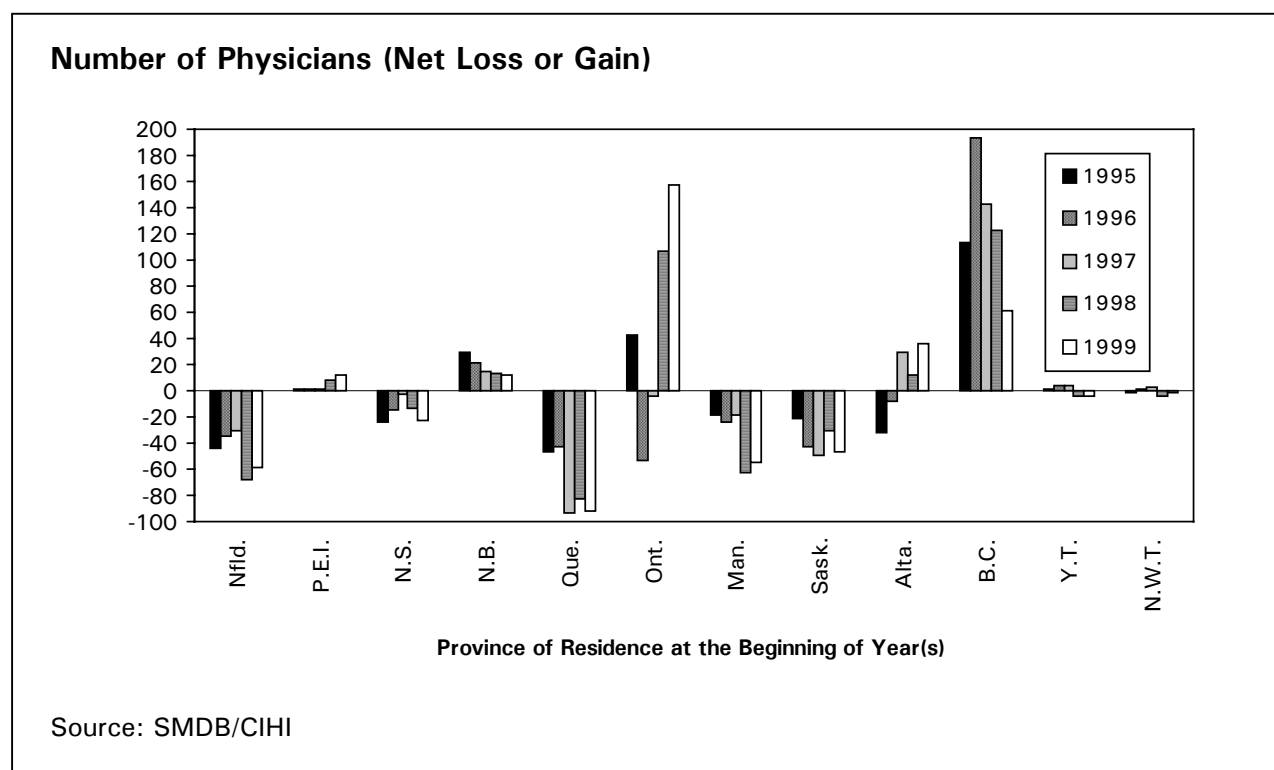
Over the past five years, specialist physicians have made up an increasing proportion of physicians who moved inter-provincially within a given year (Table 8). Conversely, over the same period family medicine physicians have made up a decreasing proportion of physicians who moved inter-provincially. Of the 1,097 physicians who moved inter-provincially in 1999, 40% (442) were specialist physicians, 32% (351) were family medicine physicians and 28% (304) were residents. The average age of all physicians who moved inter-provincially was 37.8 years. This includes residents (31.4 years), family medicine physicians (39.3 years) and specialists (41 years).

The majority of physicians that moved inter-provincially in 1999 were males that completed their M.D. at a Canadian medical school within the last ten years. In 1999, 66% (724) of all physicians who moved inter-provincially were males and 34% (370) were female. Approximately 77% (840) received their M.D. at a Canadian University compared with 23% (250) who obtained their M.D. abroad or in the United States. In addition, 64% of all physicians who moved inter-provincially obtained their M.D. within the last ten years.



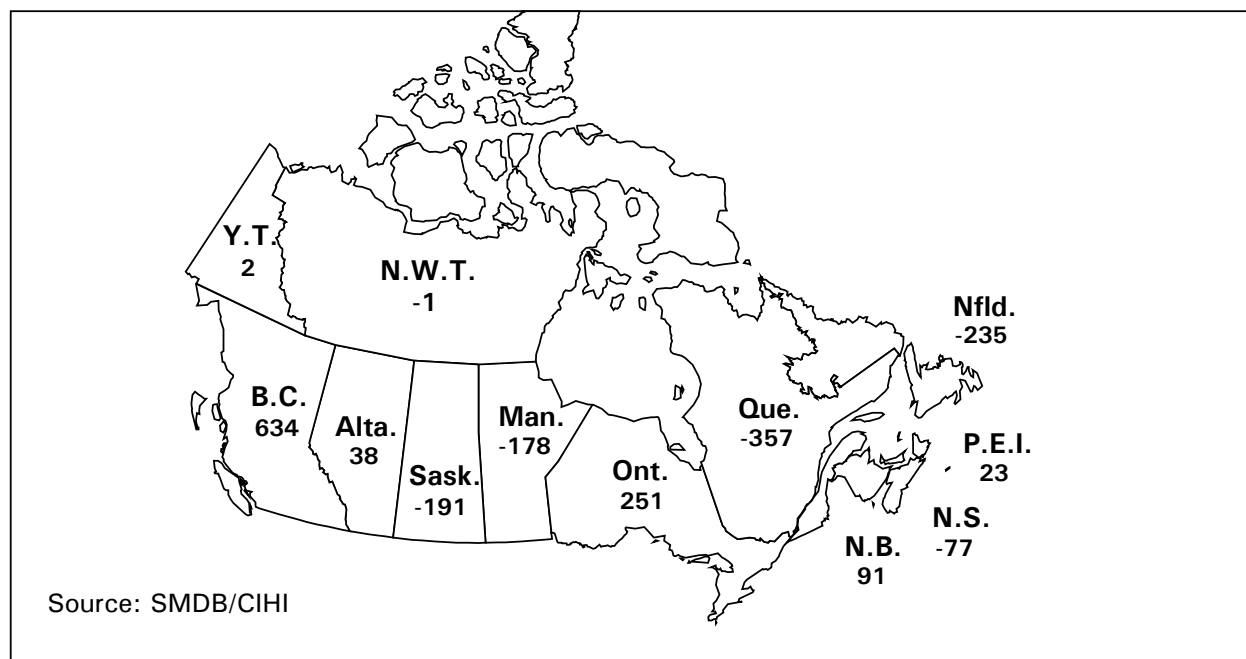
Figure 6 illustrates the net migration of physicians (including residents) among the provinces and territories for each of the years from 1995 to 1999. As in the past five years, Ontario had the greatest number of physicians leaving the province (250) in 1999. However, this emigration was offset by an increase in physicians migrating into the province (408) resulting in the highest net increase of physicians of any province or territory (158). Conversely, in 1999, Quebec had the greatest net loss of physicians (92) due to inter-provincial migration. For the both provinces however, the gain or loss represented less than 1% of the total physician supply for the province.

Other provinces/territories that experienced a decrease of their physician supply levels due to inter-provincial migration included the Yukon (4 physicians—9.5% of supply) and Newfoundland (58 physicians—6.7% of supply).



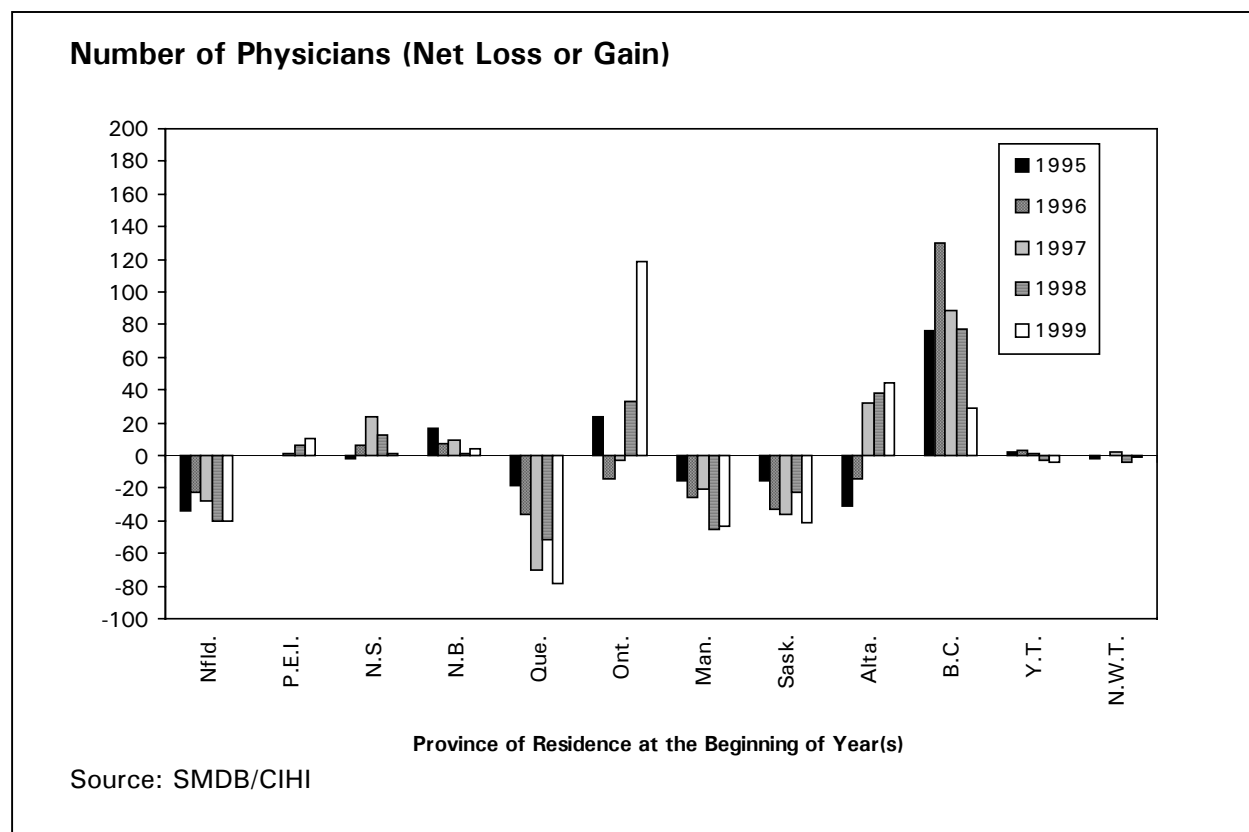
**Figure 6. Net Migration Between Provinces of Physicians, Including Residents who were Active in Canada at the Beginning and End of Each Specified Year from 1995 to 1999**

Figure 7 illustrates the five-year net loss/gain of physicians including residents. Over the time period from 1995 to 1999 the provincial trends in inter-provincial migration have remained relatively consistent, with different areas of the country either consistently losing or gaining physicians. Over this five-year time period, Ontario, Alberta, the Yukon and the Northwest Territories demonstrate the most variance from this general trend.



**Figure 7. Five-year net gain or loss of physicians (including residents) from inter-provincial migration, by province, 1995 to 1999, Canada**

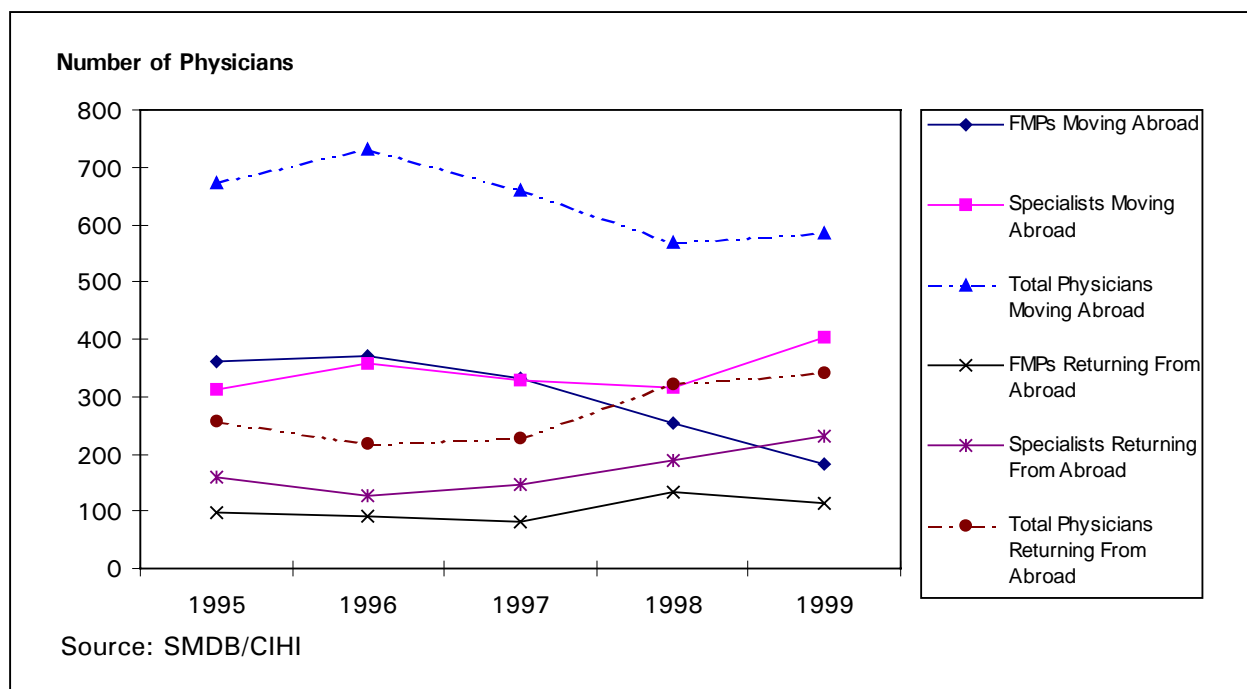
Figure 8 illustrates the net loss/gain due to inter-provincial migration of family medicine and specialist physicians (excluding residents). Figure 8 demonstrates that although excluding residents decreases the absolute year net migration, the overall trend remains the same. The one exception is in Nova Scotia where the removal of residents results in a reversal of the trend shown in Figures 6 and 7, and more specifically, a net increase of 41 physicians from 1995 to 1999.



**Figure 8. Net Migration Between Provinces of Family Medicine Physicians and Specialists (excluding residents) who were Active in Canada at the Beginning and End of Each Specified Year From 1995 to 1999**

### International Migration

International migration patterns of Canadian physicians have remained relatively consistent between 1995 and 1999, as illustrated in Figure 9. The 585 physicians who moved abroad in 1999 represent a 3% increase over the 569 that moved abroad in 1998. The 343 physicians who returned from abroad in 1999, represent a 7% increase from the 321 physicians who returned from abroad in 1998. Since 1995, the number of physicians who moved abroad represented approximately 1% of the available physician supply, while the number who returned from abroad represented between 0.4% and 0.6% of the available physician supply.



**Figure 9. Physicians Moving Abroad and Returning From Abroad, by Specialty, Canada, 1995 to 1999**

There were a greater number of physicians who moved abroad than returned from abroad in 1999 (585 moving; 343 returning). Table 9 shows the number of physicians who moved abroad and returned from abroad by province/territory for 1999. Except for three provinces/territories (New Brunswick and the Yukon and Northwest Territories) the number of physicians leaving exceeded the number of physicians returning across Canada.

	Moving Abroad					Returning From Abroad				
	1995	1996	1997	1998	1999	1995	1996	1997	1998	1999
Nfld.	10	12	10	13	7	4	2	5	2	5
P.E.I.	3	2	1	3	2	2	1	0	0	0
N.S.	58	56	33	25	32	10	9	12	11	17
N.B.	13	12	17	9	1	5	5	2	3	2
Que.	87	108	132	102	102	50	52	52	47	52
Ont.	251	226	235	234	264	80	44	55	121	150
Man.	54	52	36	33	30	27	12	15	14	20
Sask.	40	62	31	18	16	13	13	12	23	11
Alta.	90	118	91	57	49	20	35	33	57	40
B.C.	67	83	72	74	82	45	45	41	43	46
Y.T.	0	0	0	0	0	0	0	0	0	0
N.W.T.	1	0	1	1	0	0	0	0	0	0
<b>Canada</b>	<b>674</b>	<b>731</b>	<b>659</b>	<b>569</b>	<b>585</b>	<b>256</b>	<b>218</b>	<b>227</b>	<b>321</b>	<b>343</b>

Source: SMDB/CIHI

**Notes:** Excludes interns and residents.  
 Data as of December 31 of given year.  
 Includes physicians in clinical and/or non-clinical practice.

Of the 585 physicians who moved abroad in 1999, the majority were male, specialist physicians and approximately half received their M.D. education within the last 10 years. In 1999, 70%(408) were male and 30%(176) were female. In 1999, 69% (403) of physicians who moved abroad were specialists, while 31% (182) were family medicine physicians. Approximately 47%(277) of those moving abroad received their M.D. within the last 10 years, 33% (191) between 11 and 20 years ago, and the remainder over 20 years ago. Three-quarters (422) of those who moved abroad were educated in a Canadian medical school and the remaining one-quarter (162) received their medical education outside of Canada. The average age of physicians who moved abroad was 39.7 years of age, while the average ages of family medicine physicians and specialists were 39.4 years and 39.8 years, respectively.

The characteristics (gender, physician type, and years since M.D. graduation) of those 343 physicians returning to Canada from abroad in 1999 are very similar to those moving abroad. Approximately 71% (245) were males and 29% (98) were female. Of those who returned to practise in Canada from abroad, 67% (230) were specialists and 33% (113) were family medicine physicians. Almost half (160) received their M.D. education within the past ten years, 28% (97) within the last 11 to 20 years and the remainder greater than 20 years ago. Approximately 80% (273) of those returning from abroad received their M.D. education in Canada and the remaining 20% (70) received their M.D. education outside of Canada. The average age of physicians who returned from abroad was 41.2 years of age, while the average ages of family medicine physicians and specialists who returned from abroad were 40.9 years and 41.4 years, respectively.

**U.S.A.: Permanent Resident Status**

The number of physicians gaining permanent residency status in the United States decreased 23.8% (522 to 398) from 1996 to 1997, the most recent year for which data are available (Table 10). This decline occurred in all professions, including other health-related occupations such as nursing, as the total number of Canadian emigrants gaining permanent residency status in the U.S.A. decreased between 1996 and 1997.

**Table 10. Canadian Emigrants Admitted as Permanent Residents to the U.S.A., by Occupation, United States, 1993 to 1997**

	1993	1994	1995	1996	1997
<b>Professional and Technical Occupations</b>	<b>4,353</b>	<b>4,247</b>	<b>3,580</b>	<b>4,533</b>	<b>3,111</b>
Engineers, Surveyors and Mapping Scientists	578	452	387	487	394
Math and Computer Scientists	172	150	115	148	99
Natural Scientists	183	143	123	195	152
Doctors	314	319	348	522	398
Nurses	971	1,068	881	1,103	545
Other Health Assessment and Treating Occupations	256	308	327	352	197
Other Professional and Technical Occupations	1,879	1,807	1,399	1,726	1,326
<b>All Other Occupations</b>	<b>19,390</b>	<b>17,958</b>	<b>14,502</b>	<b>17,190</b>	<b>12,677</b>
<b>Total Canadian Emigrants</b>	<b>23,743</b>	<b>22,205</b>	<b>18,082</b>	<b>21,723</b>	<b>15,788</b>

Source: U.S.A Immigration and Naturalization Service, 2000.

**Canada: Landed Immigrants**

As presented in Table 11, the number of landed immigrants to Canada who are physicians and surgeons has steadily decreased from 1995 to 1999. After an upward spike in 1998, the number of physicians and surgeons arriving in Canada with arranged employment decreased 46.4% (125 to 67) in 1999.

**Table 11. Physicians and Surgeons Who Became Landed Immigrants, by Employment Status, Canada, 1995 to 1999**

	1995	1996	1997	1998	1999
Physicians and Surgeons without Employment Status	220	278	215	133	176
Physicians and Surgeons with Arranged Employment	93	61	57	125	67
<b>Total Landed Immigrants Who Were Physicians and Surgeons</b>	<b>313</b>	<b>339</b>	<b>272</b>	<b>258</b>	<b>243</b>

Source: Special Request, Citizenship and Immigration Canada, 2000.

## **Data Tables**

Table 1.0

## Physicians by Gender, Province/Territory and Age Group, Canada, 1999

Gender	< 30	30 - 39	40 - 49	50 - 59	60 - 64	65 - 69	70 - 74	75 - 79	80 & +	Total
<b>Males</b>										
Nfld.	11	162	209	182	57	34	16	5	0	676
P.E.I.	1	21	50	40	19	11	1	2	1	146
N.S.	11	285	421	348	113	67	35	15	3	1,298
N.B.	13	189	263	239	68	53	27	3	5	860
Que.	185	2,004	3,223	2,791	958	792	420	174	80	10,627
Ont.	200	3,129	4,458	3,897	1,431	1,025	512	177	67	14,896
Man.	35	338	496	326	113	100	64	16	11	1,499
Sask.	34	275	319	309	107	87	45	14	4	1,194
Alta.	89	812	1,265	859	280	174	74	32	9	3,594
B.C.	54	1,203	1,874	1,671	486	293	115	43	9	5,748
Y.T.	0	3	10	9	1	2	0	0	0	25
N.W.T.	1	16	11	5	3	1	1	0	0	38
<b>Canada</b>	<b>634</b>	<b>8,437</b>	<b>12,599</b>	<b>10,676</b>	<b>3,636</b>	<b>2,639</b>	<b>1,310</b>	<b>481</b>	<b>189</b>	<b>40,601</b>
<b>Females</b>										
Nfld.	11	95	98	30	2	3	0	0	0	239
P.E.I.	1	11	14	6	2	0	0	0	0	34
N.S.	16	218	219	80	13	11	5	0	0	562
N.B.	27	122	99	39	6	6	0	0	0	299
Que.	346	2,173	1,722	509	82	60	45	19	7	4,963
Ont.	230	1,941	2,258	983	234	107	45	22	5	5,825
Man.	22	189	225	75	16	7	6	0	0	540
Sask.	24	127	128	62	12	3	7	0	1	364
Alta.	74	490	570	186	23	17	7	0	0	1,367
B.C.	55	756	808	362	38	31	11	3	0	2,064
Y.T.	0	5	7	3	0	0	0	0	0	15
N.W.T.	1	13	6	3	1	0	0	0	0	24
<b>Canada</b>	<b>807</b>	<b>6,140</b>	<b>6,154</b>	<b>2,338</b>	<b>429</b>	<b>245</b>	<b>126</b>	<b>44</b>	<b>13</b>	<b>16,296</b>
<b>Total</b>										
Nfld.	22	263	311	214	59	37	16	5	0	927
P.E.I.	2	32	64	46	21	11	1	2	1	180
N.S.	28	507	645	429	126	78	40	15	3	1,871
N.B.	41	313	363	278	75	59	27	3	5	1,164
Que.	531	4,180	4,946	3,300	1,040	852	465	193	87	15,594
Ont.	430	5,071	6,719	4,880	1,665	1,132	557	199	72	20,725
Man.	60	531	730	401	129	107	70	16	11	2,055
Sask.	59	406	455	372	119	90	52	14	5	1,572
Alta.	163	1,306	1,839	1,047	303	191	81	32	9	4,971
B.C.	110	1,966	2,686	2,034	524	324	126	46	9	7,825
Y.T.	0	8	19	12	1	2	0	0	0	42
N.W.T.	2	30	17	9	4	1	1	0	0	64
<b>Canada</b>	<b>1,446</b>	<b>14,583</b>	<b>18,777</b>	<b>13,013</b>	<b>4,062</b>	<b>2,883</b>	<b>1,435</b>	<b>525</b>	<b>202</b>	<b>56,990</b>

Source: SMDB, CIHI

Notes: Totals include physicians where gender was unknown.

Excludes residents.

For those physicians for whom date of birth was not available their age was calculated using year of M.D. graduation with age at M.D. graduation equal to 25 years. Includes physicians in clinical and/or non-clinical practice.

Data as of December 1999.



Table 1.1

## Family Medicine Physicians, by Gender, Province/Territory and Age Group, Canada, 1999

Gender	< 30	30 - 39	40 - 49	50 - 59	60 - 64	65 - 69	70 - 74	75 - 79	80 & +	Total
<b>Males</b>										
Nfld.	8	105	119	114	27	16	4	1	0	394
P.E.I.	1	14	25	21	12	5	1	1	1	81
N.S.	8	130	184	167	45	31	16	9	2	592
N.B.	12	100	144	126	32	28	14	3	3	462
Que.	133	920	1,769	1,221	256	225	133	64	30	4,751
Ont.	145	1,526	1,906	1,825	505	357	207	89	30	6,590
Man.	31	189	252	134	55	36	25	5	4	731
Sask.	31	183	157	180	57	53	24	11	2	698
Alta.	73	396	606	414	125	64	38	18	5	1,739
B.C.	39	732	945	830	182	123	49	14	5	2,919
Y.T.	0	3	9	6	1	1	0	0	0	20
N.W.T.	1	11	7	2	1	1	1	0	0	24
<b>Canada</b>	<b>482</b>	<b>4,309</b>	<b>6,123</b>	<b>5,040</b>	<b>1,298</b>	<b>940</b>	<b>512</b>	<b>215</b>	<b>82</b>	<b>19,001</b>
<b>Females</b>										
Nfld.	10	59	62	20	1	1	0	0	0	153
P.E.I.	0	7	8	5	2	0	0	0	0	22
N.S.	16	141	133	46	7	8	3	0	0	354
N.B.	25	86	78	23	4	4	0	0	0	220
Que.	277	1,285	1,103	246	37	30	15	6	1	3,000
Ont.	182	1,134	1,216	497	106	50	19	13	2	3,219
Man.	18	104	132	35	6	3	2	0	0	300
Sask.	22	78	80	40	8	2	5	0	0	235
Alta.	65	323	340	119	15	11	5	0	0	878
B.C.	47	551	495	208	14	14	6	1	0	1,336
Y.T.	0	4	7	3	0	0	0	0	0	14
N.W.T.	1	11	3	3	1	0	0	0	0	19
<b>Canada</b>	<b>663</b>	<b>3,783</b>	<b>3,657</b>	<b>1,245</b>	<b>201</b>	<b>123</b>	<b>55</b>	<b>20</b>	<b>3</b>	<b>9,750</b>
<b>Total</b>										
Nfld.	18	170	184	136	28	17	4	1	0	558
P.E.I.	1	21	33	26	14	5	1	1	1	103
N.S.	25	274	322	214	52	39	19	9	2	956
N.B.	38	188	223	149	37	32	14	3	3	687
Que.	410	2,208	2,873	1,467	293	255	148	70	31	7,755
Ont.	327	2,660	3,124	2,322	611	407	226	102	32	9,811
Man.	52	297	393	169	61	39	27	5	4	1,047
Sask.	54	265	245	221	65	55	29	11	2	947
Alta.	138	723	950	535	140	75	43	18	5	2,627
B.C.	87	1,288	1,444	1,039	196	137	55	15	5	4,266
Y.T.	0	7	18	9	1	1	0	0	0	36
N.W.T.	2	23	10	6	2	1	1	0	0	45
<b>Canada</b>	<b>1,152</b>	<b>8,124</b>	<b>9,819</b>	<b>6,293</b>	<b>1,500</b>	<b>1,063</b>	<b>567</b>	<b>235</b>	<b>85</b>	<b>28,838</b>

Source: SMDB, CIHI

**Notes:** Totals include physicians where gender was unknown.

Excludes residents.

For those physicians for whom date of birth was not available their age was calculated using year of M.D. graduation with age at M.D. graduation equal to 25 years. Includes physicians in clinical and/or non-clinical practice. Data as of December 1999.

Table 1.2

## Specialist Physicians, by Gender, Province/Territory and Age Group, Canada, 1999

Gender	< 30	30 - 39	40 - 49	50 - 59	60 - 64	65 - 69	70 - 74	75 - 79	80 & +	Total
<b>Males</b>										
Nfld.	3	57	90	68	30	18	12	4	0	282
P.E.I.	0	7	25	19	7	6	0	1	0	65
N.S.	3	155	237	181	68	36	19	6	1	706
N.B.	1	89	119	113	36	25	13	0	2	398
Que.	52	1,084	1,454	1,570	702	567	287	110	50	5,876
Ont.	55	1,603	2,552	2,072	926	668	305	88	37	8,306
Man.	4	149	244	192	58	64	39	11	7	768
Sask.	3	92	162	129	50	34	21	3	2	496
Alta.	16	416	659	445	155	110	36	14	4	1,855
B.C.	15	471	929	841	304	170	66	29	4	2,829
Y.T.	0	0	1	3	0	1	0	0	0	5
N.W.T.	0	5	4	3	2	0	0	0	0	14
<b>Canada</b>	<b>152</b>	<b>4,128</b>	<b>6,476</b>	<b>5,636</b>	<b>2,338</b>	<b>1,699</b>	<b>798</b>	<b>266</b>	<b>107</b>	<b>21,600</b>
<b>Females</b>										
Nfld.	1	36	36	10	1	2	0	0	0	86
P.E.I.	1	4	6	1	0	0	0	0	0	12
N.S.	0	77	86	34	6	3	2	0	0	208
N.B.	2	36	21	16	2	2	0	0	0	79
Que.	69	888	619	263	45	30	30	13	6	1,963
Ont.	48	807	1,042	486	128	57	26	9	3	2,606
Man.	4	85	93	40	10	4	4	0	0	240
Sask.	2	49	48	22	4	1	2	0	1	129
Alta.	9	167	230	67	8	6	2	0	0	489
B.C.	8	205	313	154	24	17	5	2	0	728
Y.T.	0	1	0	0	0	0	0	0	0	1
N.W.T.	0	2	3	0	0	0	0	0	0	5
<b>Canada</b>	<b>144</b>	<b>2,357</b>	<b>2,497</b>	<b>1,093</b>	<b>228</b>	<b>122</b>	<b>71</b>	<b>24</b>	<b>10</b>	<b>6,546</b>
<b>Total</b>										
Nfld.	4	93	127	78	31	20	12	4	0	369
P.E.I.	1	11	31	20	7	6	0	1	0	77
N.S.	3	233	323	215	74	39	21	6	1	915
N.B.	3	125	140	129	38	27	13	0	2	477
Que.	121	1,972	2,073	1,833	747	597	317	123	56	7,839
Ont.	103	2,411	3,595	2,558	1,054	725	331	97	40	10,914
Man.	8	234	337	232	68	68	43	11	7	1,008
Sask.	5	141	210	151	54	35	23	3	3	625
Alta.	25	583	889	512	163	116	38	14	4	2,344
B.C.	23	678	1,242	995	328	187	71	31	4	3,559
Y.T.	0	1	1	3	0	1	0	0	0	6
N.W.T.	0	7	7	3	2	0	0	0	0	19
<b>Canada</b>	<b>296</b>	<b>6,489</b>	<b>8,975</b>	<b>6,729</b>	<b>2,566</b>	<b>1,821</b>	<b>869</b>	<b>290</b>	<b>117</b>	<b>28,152</b>

Source: SMDB, CIHI

Notes: Totals include physicians where gender was unknown.

Excludes residents.

For those physicians for whom date of birth was not available their age was calculated using year of M.D. graduation with age at M.D. graduation equal to 25 years. Includes physicians in clinical and/or non-clinical practice. Data as of December 1999.

Table 2.0

## Physicians by Specialty and Province/Territory, Canada, 1999

	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Y.T.	N.W.T.	Canada
<b>1.0 Family Medicine</b>	<b>558</b>	<b>103</b>	<b>956</b>	<b>687</b>	<b>7,755</b>	<b>9,811</b>	<b>1,047</b>	<b>947</b>	<b>2,627</b>	<b>4,266</b>	<b>36</b>	<b>45</b>	<b>28,838</b>
<b>2.0 Medical Specialists</b>													
<b>2.1 Clinical Specialists</b>													
- Internal Medicine	72	14	195	81	1,782	2,318	204	125	513	629	0	1	5,934
- Medical Genetics	1	0	1	0	17	10	4	1	8	5	0	0	47
- Dermatology	5	1	12	7	184	185	9	5	36	60	0	0	504
- Neurology	9	1	20	9	208	235	16	12	61	94	0	0	665
- Pediatrics	36	8	70	24	559	850	110	40	203	232	1	2	2,135
- Physical Medicine & Rehab.	3	1	11	7	77	135	12	9	22	42	0	0	319
- Psychiatry	36	7	116	34	948	1,706	134	43	247	513	1	1	3,786
- Public Health	1	0	6	1	181	105	15	10	21	39	0	3	382
- Emergency Medicine	2	1	9	3	52	120	9	0	48	74	0	0	318
- Occupational Medicine	0	0	0	0	6	22	2	0	8	5	0	0	43
- Anesthesia	32	6	91	45	567	867	95	65	211	352	1	0	2,332
- Nuclear Medicine	2	0	4	3	87	74	8	3	15	22	0	0	218
- Radiology - Diagnostic	31	6	79	44	505	690	64	49	182	234	0	2	1,886
- Radiology - Therapeutic	4	0	8	8	68	128	4	6	27	49	0	0	302
<b>Total - Clinical Specialists</b>	<b>234</b>	<b>45</b>	<b>622</b>	<b>266</b>	<b>5,241</b>	<b>7,445</b>	<b>686</b>	<b>368</b>	<b>1,602</b>	<b>2,350</b>	<b>3</b>	<b>9</b>	<b>18,871</b>
<b>2.2 Laboratory Specialists</b>													
- Medical Biochemistry	0	0	3	0	50	24	0	3	1	12	0	0	93
- Medical Microbiology	3	1	2	3	138	45	4	4	9	23	0	0	232
- Pathology	28	5	37	22	218	423	40	42	122	180	0	0	1,117
<b>Total - Laboratory Specialists</b>	<b>31</b>	<b>6</b>	<b>42</b>	<b>25</b>	<b>406</b>	<b>492</b>	<b>44</b>	<b>49</b>	<b>132</b>	<b>215</b>	<b>0</b>	<b>0</b>	<b>1,442</b>
<b>Total - Medical Specialists</b>	<b>265</b>	<b>51</b>	<b>664</b>	<b>291</b>	<b>5,647</b>	<b>7,937</b>	<b>730</b>	<b>417</b>	<b>1,734</b>	<b>2,565</b>	<b>3</b>	<b>9</b>	<b>20,313</b>
<b>3.0 Surgical Specialists</b>													
- General Surgery	29	9	66	43	566	662	75	59	138	201	2	3	1,853
- Cardio & Thoracic Surgery	4	0	12	6	77	112	11	10	22	35	0	0	289
- Neurosurgery	3	0	7	6	59	85	6	7	19	33	0	0	225
- Obstetrics-Gynecology	24	6	42	30	410	664	61	38	124	186	1	2	1,588
- Ophthalmology	11	4	41	26	289	406	28	23	84	172	0	1	1,085
- Otolaryngology	8	1	21	14	203	217	20	13	36	73	0	2	608
- Orthopedic Surgery	17	3	28	27	301	411	36	25	106	159	0	2	1,115
- Plastic Surgery	2	2	11	12	123	174	13	15	36	62	0	0	450
- Urology	6	1	21	22	151	219	22	17	41	67	0	0	567
<b>Total - Surgical Specialists</b>	<b>104</b>	<b>26</b>	<b>249</b>	<b>186</b>	<b>2,179</b>	<b>2,950</b>	<b>272</b>	<b>207</b>	<b>606</b>	<b>988</b>	<b>3</b>	<b>10</b>	<b>7,780</b>
<b>4.0 Medical Scientists</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>13</b>	<b>27</b>	<b>6</b>	<b>1</b>	<b>4</b>	<b>6</b>	<b>0</b>	<b>0</b>	<b>59</b>
<b>Total - All Specialists</b>	<b>369</b>	<b>77</b>	<b>915</b>	<b>477</b>	<b>7,839</b>	<b>10,914</b>	<b>1,008</b>	<b>625</b>	<b>2,344</b>	<b>3,559</b>	<b>6</b>	<b>19</b>	<b>28,152</b>
<b>Total - All Physicians</b>	<b>927</b>	<b>180</b>	<b>1,871</b>	<b>1,164</b>	<b>15,594</b>	<b>20,725</b>	<b>2,055</b>	<b>1,572</b>	<b>4,971</b>	<b>7,825</b>	<b>42</b>	<b>64</b>	<b>56,990</b>

Source: SMDB, CIHI

**Notes:** Specialty allocation based on latest acquired certified specialty. Internal Medicine includes sub-specialties.  
 Excludes residents.  
 Includes physicians in clinical and/or non-clinical practice.  
 Data as of December 1999.

Table 2.0a

## Male Physicians by Specialty and Province/Territory, Canada, 1999

	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Y.T.	N.W.T.	Canada
<b>1.0 Family Medicine</b>	<b>394</b>	<b>81</b>	<b>592</b>	<b>462</b>	<b>4,751</b>	<b>6,590</b>	<b>731</b>	<b>698</b>	<b>1,739</b>	<b>2,919</b>	<b>20</b>	<b>24</b>	<b>19,001</b>
<b>2.0 Medical Specialists</b>													
<b>2.1 Clinical Specialists</b>													
- Internal Medicine	56	12	153	69	1,395	1,816	162	101	400	491	0	1	4,656
- Medical Genetics	0	0	0	0	13	5	2	1	5	2	0	0	28
- Dermatology	3	1	8	5	105	119	6	3	29	48	0	0	327
- Neurology	7	1	16	9	167	186	14	10	53	82	0	0	545
- Pediatrics	20	6	37	17	311	497	58	26	125	149	1	0	1,247
- Physical Medicine & Rehab.	2	1	8	6	56	91	9	8	13	34	0	0	228
- Psychiatry	24	4	78	23	645	1,145	99	27	178	361	1	1	2,586
- Public Health	1	0	2	1	121	65	7	7	16	28	0	2	250
- Emergency Medicine	2	1	9	2	46	98	8	0	39	63	0	0	268
- Occupational Medicine	0	0	0	0	5	15	1	0	8	4	0	0	33
- Anesthesia	27	6	72	34	428	646	77	44	170	289	0	0	1,793
- Nuclear Medicine	2	0	3	3	72	63	5	2	14	19	0	0	183
- Radiology - Diagnostic	26	5	68	39	365	560	54	40	148	184	0	1	1,490
- Radiology - Therapeutic	4	0	6	5	49	93	3	5	21	38	0	0	224
<b>Total - Clinical Specialists</b>	<b>174</b>	<b>37</b>	<b>460</b>	<b>213</b>	<b>3,778</b>	<b>5,399</b>	<b>505</b>	<b>274</b>	<b>1,219</b>	<b>1,792</b>	<b>2</b>	<b>5</b>	<b>13,858</b>
<b>2.2 Laboratory Specialists</b>													
- Medical Biochemistry	0	0	3	0	39	20	0	2	0	7	0	0	71
- Medical Microbiology	3	1	2	1	87	28	3	3	7	14	0	0	149
- Pathology	17	4	23	10	155	280	24	34	87	136	0	0	770
<b>Total - Laboratory Specialists</b>	<b>20</b>	<b>5</b>	<b>28</b>	<b>11</b>	<b>281</b>	<b>328</b>	<b>27</b>	<b>39</b>	<b>94</b>	<b>157</b>	<b>0</b>	<b>0</b>	<b>990</b>
<b>Total - Medical Specialists</b>	<b>194</b>	<b>42</b>	<b>488</b>	<b>224</b>	<b>4,059</b>	<b>5,727</b>	<b>532</b>	<b>313</b>	<b>1,313</b>	<b>1,949</b>	<b>2</b>	<b>5</b>	<b>14,848</b>
<b>3.0 Surgical Specialists</b>													
- General Surgery	25	9	55	40	482	607	69	52	128	182	2	2	1,653
- Cardio & Thoracic Surgery	4	0	12	6	71	102	10	8	20	33	0	0	266
- Neurosurgery	3	0	7	6	55	78	6	7	17	33	0	0	212
- Obstetrics-Gynecology	13	3	27	27	284	466	37	26	87	129	1	2	1,102
- Ophthalmology	10	4	38	24	218	344	23	22	74	148	0	1	906
- Otolaryngology	8	1	20	13	175	202	15	12	35	69	0	2	552
- Orthopedic Surgery	17	3	27	26	276	387	36	24	102	156	0	2	1,056
- Plastic Surgery	2	2	10	10	107	153	13	14	34	58	0	0	403
- Urology	6	1	21	22	137	215	22	17	41	66	0	0	548
<b>Total - Surgical Specialists</b>	<b>88</b>	<b>23</b>	<b>217</b>	<b>174</b>	<b>1,805</b>	<b>2,554</b>	<b>231</b>	<b>182</b>	<b>538</b>	<b>874</b>	<b>3</b>	<b>9</b>	<b>6,698</b>
<b>4.0 Medical Scientists</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>12</b>	<b>25</b>	<b>5</b>	<b>1</b>	<b>4</b>	<b>6</b>	<b>0</b>	<b>0</b>	<b>54</b>
<b>Total - All Specialists</b>	<b>282</b>	<b>65</b>	<b>706</b>	<b>398</b>	<b>5,876</b>	<b>8,306</b>	<b>768</b>	<b>496</b>	<b>1,855</b>	<b>2,829</b>	<b>5</b>	<b>14</b>	<b>21,600</b>
<b>Total - All Physicians</b>	<b>676</b>	<b>146</b>	<b>1,298</b>	<b>860</b>	<b>10,627</b>	<b>14,896</b>	<b>1,499</b>	<b>1,194</b>	<b>3,594</b>	<b>5,748</b>	<b>25</b>	<b>38</b>	<b>40,601</b>

Source: SMDB, CIHI

**Notes:** Figures for males and females combined will not equal figures for total physicians because there were 93 cases where gender was not stated. Specialty allocation based on latest acquired certified specialty. Internal Medicine includes sub-specialties.

Excludes residents. Includes physicians in clinical and/or non-clinical practice.

Data as of December 1999.

Table 2.0b

## Female Physicians by Specialty and Province/Territory, Canada, 1999

	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Y.T.	N.W.T.	Canada
<b>1.0 Family Medicine</b>	<b>153</b>	<b>22</b>	<b>354</b>	<b>220</b>	<b>3,000</b>	<b>3,219</b>	<b>300</b>	<b>235</b>	<b>878</b>	<b>1,336</b>	<b>14</b>	<b>19</b>	<b>9,750</b>
<b>2.0 Medical Specialists</b>													
<b>2.1 Clinical Specialists</b>													
- Internal Medicine	16	2	42	12	387	502	42	24	113	138	0	0	1,278
- Medical Genetics	1	0	1	0	4	5	2	0	3	3	0	0	19
- Dermatology	2	0	4	2	79	66	3	2	7	12	0	0	177
- Neurology	2	0	4	0	41	49	2	2	8	12	0	0	120
- Pediatrics	16	2	33	7	248	353	52	14	78	82	0	2	887
- Physical Medicine & Rehab.	1	0	3	1	21	44	3	1	9	8	0	0	91
- Psychiatry	12	3	38	11	303	561	35	16	69	151	0	0	1,199
- Public Health	0	0	4	0	60	40	8	3	5	11	0	1	132
- Emergency Medicine	0	0	0	1	6	22	1	0	9	11	0	0	50
- Occupational Medicine	0	0	0	0	1	7	1	0	0	1	0	0	10
- Anesthesia	5	0	19	11	139	220	18	21	41	63	1	0	538
- Nuclear Medicine	0	0	1	0	15	11	3	1	1	3	0	0	35
- Radiology - Diagnostic	5	1	11	5	140	130	10	9	34	50	0	1	396
- Radiology - Therapeutic	0	0	2	3	19	35	1	1	6	11	0	0	78
<b>Total - Clinical Specialists</b>	<b>60</b>	<b>8</b>	<b>162</b>	<b>53</b>	<b>1,463</b>	<b>2,045</b>	<b>181</b>	<b>94</b>	<b>383</b>	<b>556</b>	<b>1</b>	<b>4</b>	<b>5,010</b>
<b>2.2 Laboratory Specialists</b>													
- Medical Biochemistry	0	0	0	0	11	4	0	1	1	5	0	0	22
- Medical Microbiology	0	0	0	2	51	17	1	1	2	9	0	0	83
- Pathology	10	1	14	12	63	143	16	8	35	44	0	0	346
<b>Total - Laboratory Specialists</b>	<b>10</b>	<b>1</b>	<b>14</b>	<b>14</b>	<b>125</b>	<b>164</b>	<b>17</b>	<b>10</b>	<b>38</b>	<b>58</b>	<b>0</b>	<b>0</b>	<b>451</b>
<b>Total - Medical Specialists</b>	<b>70</b>	<b>9</b>	<b>176</b>	<b>67</b>	<b>1,588</b>	<b>2,209</b>	<b>198</b>	<b>104</b>	<b>421</b>	<b>614</b>	<b>1</b>	<b>4</b>	<b>5,461</b>
<b>3.0 Surgical Specialists</b>													
- General Surgery	4	0	11	3	84	55	6	7	10	19	0	1	200
- Cardio & Thoracic Surgery	0	0	0	0	6	10	1	2	2	2	0	0	23
- Neurosurgery	0	0	0	0	4	7	0	0	2	0	0	0	13
- Obstetrics-Gynecology	11	3	15	3	126	197	24	12	37	57	0	0	485
- Ophthalmology	1	0	3	2	71	62	5	1	10	24	0	0	179
- Otolaryngology	0	0	1	1	28	15	5	1	1	4	0	0	56
- Orthopedic Surgery	0	0	1	1	25	24	0	1	4	3	0	0	59
- Plastic Surgery	0	0	1	2	16	21	0	1	2	4	0	0	47
- Urology	0	0	0	0	14	4	0	0	0	1	0	0	19
<b>Total - Surgical Specialists</b>	<b>16</b>	<b>3</b>	<b>32</b>	<b>12</b>	<b>374</b>	<b>395</b>	<b>41</b>	<b>25</b>	<b>68</b>	<b>114</b>	<b>0</b>	<b>1</b>	<b>1,081</b>
<b>4.0 Medical Scientists</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>2</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4</b>
<b>Total - All Specialists</b>	<b>86</b>	<b>12</b>	<b>208</b>	<b>79</b>	<b>1,963</b>	<b>2,606</b>	<b>240</b>	<b>129</b>	<b>489</b>	<b>728</b>	<b>1</b>	<b>5</b>	<b>6,546</b>
<b>Total - All Physicians</b>	<b>239</b>	<b>34</b>	<b>562</b>	<b>299</b>	<b>4,963</b>	<b>5,825</b>	<b>540</b>	<b>364</b>	<b>1,367</b>	<b>2,064</b>	<b>15</b>	<b>24</b>	<b>16,296</b>

Source: SMDB, CIHI

**Notes:** Figures for males and females combined will not equal figures for total physicians because there were 93 cases where gender was not stated. Specialty allocation based on latest acquired certified specialty. Internal Medicine includes sub-specialties.  
Excludes residents. Includes physicians in clinical and/or non-clinical practice.  
Data as of December 1999.

Table 2.1

## Population Per Physician by Specialty and Province/Territory, Canada, 1999

	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Y.T.	N.W.T.	Canada
<b>1.0 Family Medicine</b>	<b>971</b>	<b>1,348</b>	<b>985</b>	<b>1,101</b>	<b>949</b>	<b>1,180</b>	<b>1,094</b>	<b>1,085</b>	<b>1,134</b>	<b>948</b>	<b>843</b>	<b>1,542</b>	<b>1,061</b>
<b>2.0 Medical Specialists</b>													
<b>2.1 Clinical Specialists</b>													
- Internal Medicine	7,522	9,917	4,831	9,341	4,129	4,994	5,617	8,217	5,807	6,429	0	69,396	5,158
- Medical Genetics	541,559	0	942,017	0	432,781	1,157,508	286,475	1,027,172	372,351	808,732	0	0	651,206
- Dermatology	108,312	138,837	78,501	108,089	39,985	62,568	127,322	205,434	82,745	67,394	0	0	60,727
- Neurology	60,173	138,837	47,101	84,069	35,371	49,256	71,619	85,598	48,833	43,018	0	0	46,025
- Pediatrics	15,043	17,355	13,457	31,526	13,161	13,618	10,417	25,679	14,674	17,430	30,343	34,698	14,336
- Physical Medicine & Rehab.	180,520	138,837	85,638	108,089	95,549	85,741	95,492	114,130	135,400	96,278	0	0	95,946
- Psychiatry	15,043	19,834	8,121	22,254	7,761	6,785	8,551	23,888	12,060	7,882	30,343	69,396	8,084
- Public Health	541,559	0	157,003	756,625	40,648	110,239	76,393	102,717	141,848	103,684	0	23,132	80,122
- Emergency Medicine	270,780	138,837	104,669	252,208	141,486	96,459	127,322	0	62,058	54,644	0	0	96,247
- Occupational Medicine	0	0	0	0	1,226,212	526,140	572,950	0	372,351	808,732	0	0	711,783
- Anesthesia	16,924	23,140	10,352	16,814	12,976	13,351	12,062	15,803	14,118	11,488	30,343	0	13,125
- Nuclear Medicine	270,780	0	235,504	252,208	84,566	156,420	143,238	342,391	198,587	183,803	0	0	140,398
- Radiology - Diagnostic	17,470	23,140	11,924	17,196	14,569	16,775	17,905	20,963	16,367	17,281	0	34,698	16,228
- Radiology - Therapeutic	135,390	0	117,752	94,578	108,195	90,430	286,475	171,195	110,326	82,524	0	0	101,347
<b>Total - Clinical Specialists</b>	<b>2,314</b>	<b>3,085</b>	<b>1,514</b>	<b>2,844</b>	<b>1,404</b>	<b>1,555</b>	<b>1,670</b>	<b>2,791</b>	<b>1,859</b>	<b>1,721</b>	<b>10,114</b>	<b>7,711</b>	<b>1,622</b>
<b>2.2 Laboratory Specialists</b>													
- Medical Biochemistry	0	0	314,006	0	147,145	482,295	0	342,391	2,978,804	336,972	0	0	329,104
- Medical Microbiology	180,520	138,837	471,009	252,208	53,314	257,224	286,475	256,793	330,978	175,811	0	0	131,925
- Pathology	19,341	27,767	25,460	34,392	33,749	27,364	28,648	24,456	24,416	22,465	0	0	27,401
<b>Total - Laboratory Specialists</b>	<b>17,470</b>	<b>23,140</b>	<b>22,429</b>	<b>30,265</b>	<b>18,121</b>	<b>23,527</b>	<b>26,043</b>	<b>20,963</b>	<b>22,567</b>	<b>18,808</b>	<b>0</b>	<b>0</b>	<b>21,225</b>
<b>Total - Medical Specialists</b>	<b>2,044</b>	<b>2,722</b>	<b>1,419</b>	<b>2,600</b>	<b>1,303</b>	<b>1,458</b>	<b>1,570</b>	<b>2,463</b>	<b>1,718</b>	<b>1,576</b>	<b>10,114</b>	<b>7,711</b>	<b>1,507</b>
<b>3.0 Surgical Specialists</b>													
- General Surgery	18,674	15,426	14,273	17,596	12,999	17,485	15,279	17,410	21,586	20,118	15,172	23,132	16,517
- Cardio & Thoracic Surgery	135,390	0	78,501	126,104	95,549	103,349	104,173	102,717	135,400	115,533	0	0	105,905
- Neurosurgery	180,520	0	134,574	126,104	124,699	136,177	190,983	146,739	156,779	122,535	0	0	136,030
- Obstetrics-Gynecology	22,565	23,140	22,429	25,221	17,945	17,432	18,785	27,031	24,023	21,740	30,343	34,698	19,274
- Ophthalmology	49,233	34,709	22,976	29,101	25,458	28,510	40,925	44,660	35,462	23,510	0	69,396	28,209
- Otolaryngology	67,695	138,837	44,858	54,045	36,243	53,341	57,295	79,013	82,745	55,393	0	34,698	50,340
- Orthopedic Surgery	31,856	46,279	33,643	28,023	24,443	28,163	31,831	41,087	28,102	25,432	0	34,698	27,450
- Plastic Surgery	270,780	69,419	85,638	63,052	59,815	66,523	88,146	68,478	82,745	65,220	0	0	68,015
- Urology	90,260	138,837	44,858	34,392	48,724	52,854	52,086	60,422	72,654	60,353	0	0	53,980
<b>Total - Surgical Specialists</b>	<b>5,207</b>	<b>5,340</b>	<b>3,783</b>	<b>4,068</b>	<b>3,376</b>	<b>3,924</b>	<b>4,213</b>	<b>4,962</b>	<b>4,916</b>	<b>4,093</b>	<b>10,114</b>	<b>6,940</b>	<b>3,934</b>
<b>4.0 Medical Scientists</b>	<b>0</b>	<b>0</b>	<b>471,009</b>	<b>0</b>	<b>565,944</b>	<b>428,707</b>	<b>190,983</b>	<b>1,027,172</b>	<b>744,701</b>	<b>673,943</b>	<b>0</b>	<b>0</b>	<b>518,757</b>
<b>Total - All Specialists</b>	<b>1,468</b>	<b>1,803</b>	<b>1,030</b>	<b>1,586</b>	<b>939</b>	<b>1,061</b>	<b>1,137</b>	<b>1,643</b>	<b>1,271</b>	<b>1,136</b>	<b>5,057</b>	<b>3,652</b>	<b>1,087</b>
<b>Total - All Physicians</b>	<b>584</b>	<b>771</b>	<b>503</b>	<b>650</b>	<b>472</b>	<b>559</b>	<b>558</b>	<b>653</b>	<b>599</b>	<b>517</b>	<b>722</b>	<b>1,084</b>	<b>537</b>

Source: SMDB, CIHI

**Notes:** Specialty allocation based on latest acquired certified specialty. Internal Medicine includes sub-specialties.  
 Excludes residents. Includes physicians in clinical and/or non-clinical practice.  
 Population Data: April 1, 2000 estimates based on 1996 census data.  
 Data as of December 1999.

Table 2.2

## Physicians Per 100,000 Population, by Specialty and Province/Territory, Canada, 1999

	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Y.T.	N.W.T.	Canada
<b>1.0 Family Medicine</b>	<b>103</b>	<b>74</b>	<b>101</b>	<b>91</b>	<b>105</b>	<b>85</b>	<b>91</b>	<b>92</b>	<b>88</b>	<b>105</b>	<b>119</b>	<b>65</b>	<b>94</b>
<b>2.0 Medical Specialists</b>													
<b>2.1 Clinical Specialists</b>													
- Internal Medicine	13	10	21	11	24	20	18	12	17	16	0	1	19
- Medical Genetics	0	0	0	0	0	0	0	0	0	0	0	0	0
- Dermatology	1	1	1	1	3	2	1	0	1	1	0	0	2
- Neurology	2	1	2	1	3	2	1	1	2	2	0	0	2
- Pediatrics	7	6	7	3	8	7	10	4	7	6	3	3	7
- Physical Medicine & Rehab.	1	1	1	1	1	1	1	1	1	1	0	0	1
- Psychiatry	7	5	12	4	13	15	12	4	8	13	3	1	12
- Public Health	0	0	1	0	2	1	1	1	1	1	0	4	1
- Emergency Medicine	0	1	1	0	1	1	1	0	2	2	0	0	1
- Occupational Medicine	0	0	0	0	0	0	0	0	0	0	0	0	0
- Anesthesia	6	4	10	6	8	7	8	6	7	9	3	0	8
- Nuclear Medicine	0	0	0	0	1	1	1	0	1	1	0	0	1
- Radiology - Diagnostic	6	4	8	6	7	6	6	5	6	6	0	3	6
- Radiology - Therapeutic	1	0	1	1	1	1	0	1	1	1	0	0	1
<b>Total - Clinical Specialists</b>	<b>43</b>	<b>32</b>	<b>66</b>	<b>35</b>	<b>71</b>	<b>64</b>	<b>60</b>	<b>36</b>	<b>54</b>	<b>58</b>	<b>10</b>	<b>13</b>	<b>62</b>
<b>2.2 Laboratory Specialists</b>													
- Medical Biochemistry	0	0	0	0	1	0	0	0	0	0	0	0	0
- Medical Microbiology	1	1	0	0	2	0	0	0	0	1	0	0	1
- Pathology	5	4	4	3	3	4	3	4	4	4	0	0	4
<b>Total - Laboratory Specialists</b>	<b>6</b>	<b>4</b>	<b>4</b>	<b>3</b>	<b>6</b>	<b>4</b>	<b>4</b>	<b>5</b>	<b>4</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>5</b>
<b>Total - Medical Specialists</b>	<b>49</b>	<b>37</b>	<b>70</b>	<b>38</b>	<b>77</b>	<b>69</b>	<b>64</b>	<b>41</b>	<b>58</b>	<b>63</b>	<b>10</b>	<b>13</b>	<b>66</b>
<b>3.0 Surgical Specialists</b>													
- General Surgery	5	6	7	6	8	6	7	6	5	5	7	4	6
- Cardio & Thoracic Surgery	1	0	1	1	1	1	1	1	1	1	0	0	1
- Neurosurgery	1	0	1	1	1	1	1	1	1	1	0	0	1
- Obstetrics-Gynecology	4	4	4	4	6	6	5	4	4	5	3	3	5
- Ophthalmology	2	3	4	3	4	4	2	2	3	4	0	1	4
- Otolaryngology	1	1	2	2	3	2	2	1	1	2	0	3	2
- Orthopedic Surgery	3	2	3	4	4	4	3	2	4	4	0	3	4
- Plastic Surgery	0	1	1	2	2	2	1	1	1	2	0	0	1
- Urology	1	1	2	3	2	2	2	2	1	2	0	0	2
<b>Total - Surgical Specialists</b>	<b>19</b>	<b>19</b>	<b>26</b>	<b>25</b>	<b>30</b>	<b>25</b>	<b>24</b>	<b>20</b>	<b>20</b>	<b>24</b>	<b>10</b>	<b>14</b>	<b>25</b>
<b>4.0 Medical Scientists</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total - All Specialists</b>	<b>68</b>	<b>55</b>	<b>97</b>	<b>63</b>	<b>107</b>	<b>94</b>	<b>88</b>	<b>61</b>	<b>79</b>	<b>88</b>	<b>20</b>	<b>27</b>	<b>92</b>
<b>Total - All Physicians</b>	<b>171</b>	<b>130</b>	<b>199</b>	<b>154</b>	<b>212</b>	<b>179</b>	<b>179</b>	<b>153</b>	<b>167</b>	<b>194</b>	<b>138</b>	<b>92</b>	<b>186</b>

Source: SMDB, CIHI

**Notes:** Specialty allocation based on latest acquired certified specialty. Internal Medicine includes sub-specialties.

Excludes residents.

Includes physicians in clinical and/or non-clinical practice. Population Data: January 1, 2000 estimates based on 1996 census data, special request, Demography Division, Statistics Canada, April, 2000.

Data as of December 1999.

**Table 3.0**

**Physicians by Specialty and Years Since M.D. Graduation, Canada, 1999**

	1 to 5	6 to 10	11 to 15	16 to 20	21 to 25	26 to 30	31 to 35	36 & +	Total
<b>1.0 Family Medicine</b>	<b>2,601</b>	<b>4,275</b>	<b>4,798</b>	<b>4,720</b>	<b>4,361</b>	<b>3,332</b>	<b>2,081</b>	<b>2,670</b>	<b>28,838</b>
<b>2.0 Medical Specialists</b>									
<b>2.1 Clinical Specialists</b>									
- Internal Medicine	351	828	835	946	888	722	539	825	5,934
- Medical Genetics	2	4	6	5	14	5	4	7	47
- Dermatology	8	48	77	81	81	70	60	79	504
- Neurology	14	86	84	114	91	91	74	111	665
- Pediatrics	124	288	278	320	294	267	224	340	2,135
- Physical Medicine & Rehab.	16	39	53	52	46	36	34	43	319
- Psychiatry	57	340	541	656	545	517	449	681	3,786
- Public Health	3	28	52	73	87	68	30	41	382
- Emergency Medicine	12	42	66	72	68	46	11	1	318
- Occupational Medicine	1	0	0	7	17	11	3	4	43
- Anesthesia	54	248	363	470	375	246	193	383	2,332
- Nuclear Medicine	8	26	43	45	33	14	20	29	218
- Radiology - Diagnostic	50	228	262	321	234	222	259	310	1,886
- Radiology - Therapeutic	6	49	58	58	46	25	16	44	302
<b>Total - Clinical Specialists</b>	<b>706</b>	<b>2,254</b>	<b>2,718</b>	<b>3,220</b>	<b>2,819</b>	<b>2,340</b>	<b>1,916</b>	<b>2,898</b>	<b>18,871</b>
<b>2.2 Laboratory Specialists</b>									
- Medical Biochemistry	1	7	6	19	19	8	14	19	93
- Medical Microbiology	2	26	39	41	38	34	23	29	232
- Pathology	22	83	162	192	170	134	143	211	1,117
<b>Total - Laboratory Specialists</b>	<b>25</b>	<b>116</b>	<b>207</b>	<b>252</b>	<b>227</b>	<b>176</b>	<b>180</b>	<b>259</b>	<b>1,442</b>
<b>Total - Medical Specialists</b>	<b>731</b>	<b>2,370</b>	<b>2,925</b>	<b>3,472</b>	<b>3,046</b>	<b>2,516</b>	<b>2,096</b>	<b>3,157</b>	<b>20,313</b>
<b>3.0 Surgical Specialists</b>									
- General Surgery	39	233	233	207	193	209	207	532	1,853
- Cardio & Thoracic Surgery	0	18	54	50	48	36	34	49	289
- Neurosurgery	0	33	44	31	23	24	21	49	225
- Obstetrics-Gynecology	43	205	193	249	220	181	162	335	1,588
- Ophthalmology	22	130	143	171	142	134	131	212	1,085
- Otolaryngology	13	73	82	82	56	70	88	144	608
- Orthopedic Surgery	33	165	152	173	134	129	138	191	1,115
- Plastic Surgery	10	50	63	87	66	52	56	66	450
- Urology	11	70	68	77	74	58	69	140	567
<b>Total - Surgical Specialists</b>	<b>171</b>	<b>977</b>	<b>1,032</b>	<b>1,127</b>	<b>956</b>	<b>893</b>	<b>906</b>	<b>1,718</b>	<b>7,780</b>
<b>4.0 Medical Scientists</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>2</b>	<b>5</b>	<b>6</b>	<b>6</b>	<b>39</b>	<b>59</b>
<b>Total - All Specialists</b>	<b>902</b>	<b>3,347</b>	<b>3,958</b>	<b>4,601</b>	<b>4,007</b>	<b>3,415</b>	<b>3,008</b>	<b>4,914</b>	<b>28,152</b>
<b>Total - All Physicians</b>	<b>3,503</b>	<b>7,622</b>	<b>8,756</b>	<b>9,321</b>	<b>8,368</b>	<b>6,747</b>	<b>5,089</b>	<b>7,584</b>	<b>56,990</b>

Source: SMDB, CIHI

**Notes:** Specialty allocation based on latest acquired certified specialty. Internal medicine includes sub-specialties.  
Excludes residents.  
Includes physicians in clinical and/or non-clinical practice.  
Data as of December 1999.



Table 3.1

## Physicians by Specialty and Years Since M.D. Graduation, Newfoundland, 1999

	1 to 5	6 to 10	11 to 15	16 to 20	21 to 25	26 to 30	31 to 35	36 & +	Total
<b>1.0 Family Medicine</b>	<b>54</b>	<b>81</b>	<b>93</b>	<b>92</b>	<b>99</b>	<b>67</b>	<b>39</b>	<b>33</b>	<b>558</b>
<b>2.0 Medical Specialists</b>									
<b>2.1 Clinical Specialists</b>									
- Internal Medicine	2	5	6	19	14	7	8	11	72
- Medical Genetics	1	0	0	0	0	0	0	0	1
- Dermatology	0	1	2	1	0	1	0	0	5
- Neurology	1	1	1	1	2	1	0	2	9
- Pediatrics	2	7	2	7	2	7	1	8	36
- Physical Medicine & Rehab.	0	1	0	0	1	1	0	0	3
- Psychiatry	2	7	3	10	4	5	2	3	36
- Public Health	0	0	0	0	0	0	1	0	1
- Emergency Medicine	0	1	1	0	0	0	0	0	2
- Occupational Medicine	0	0	0	0	0	0	0	0	0
- Anesthesia	2	4	7	7	7	2	1	2	32
- Nuclear Medicine	0	0	0	2	0	0	0	0	2
- Radiology - Diagnostic	1	3	7	4	4	2	3	7	31
- Radiology - Therapeutic	0	0	0	3	0	0	1	0	4
<b>Total - Clinical Specialists</b>	<b>11</b>	<b>30</b>	<b>29</b>	<b>54</b>	<b>34</b>	<b>26</b>	<b>17</b>	<b>33</b>	<b>234</b>
<b>2.2 Laboratory Specialists</b>									
- Medical Biochemistry	0	0	0	0	0	0	0	0	0
- Medical Microbiology	0	0	2	0	0	1	0	0	3
- Pathology	1	1	1	10	3	4	3	5	28
<b>Total - Laboratory Specialists</b>	<b>1</b>	<b>1</b>	<b>3</b>	<b>10</b>	<b>3</b>	<b>5</b>	<b>3</b>	<b>5</b>	<b>31</b>
<b>Total - Medical Specialists</b>	<b>12</b>	<b>31</b>	<b>32</b>	<b>64</b>	<b>37</b>	<b>31</b>	<b>20</b>	<b>38</b>	<b>265</b>
<b>3.0 Surgical Specialists</b>									
- General Surgery	0	4	3	3	5	4	2	8	29
- Cardio & Thoracic Surgery	0	0	1	0	2	1	0	0	4
- Neurosurgery	0	0	2	0	0	0	0	1	3
- Obstetrics-Gynecology	2	5	1	5	3	4	2	2	24
- Ophthalmology	0	0	1	1	3	3	1	2	11
- Otolaryngology	0	3	1	1	0	1	1	1	8
- Orthopedic Surgery	2	2	3	4	1	1	1	3	17
- Plastic Surgery	0	0	1	1	0	0	0	0	2
- Urology	0	1	3	0	0	1	0	1	6
<b>Total - Surgical Specialists</b>	<b>4</b>	<b>15</b>	<b>16</b>	<b>15</b>	<b>14</b>	<b>15</b>	<b>7</b>	<b>18</b>	<b>104</b>
<b>4.0 Medical Scientists</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total - All Specialists</b>	<b>16</b>	<b>46</b>	<b>48</b>	<b>79</b>	<b>51</b>	<b>46</b>	<b>27</b>	<b>56</b>	<b>369</b>
<b>Total - All Physicians</b>	<b>70</b>	<b>127</b>	<b>141</b>	<b>171</b>	<b>150</b>	<b>113</b>	<b>66</b>	<b>89</b>	<b>927</b>

Source: SMDB, CIHI

**Notes:** Specialty allocation based on latest acquired certified specialty. Internal medicine includes sub-specialties.  
 Excludes residents.  
 Includes physicians in clinical and/or non-clinical practice.  
 Data as of December 1999.

Table 3.2

## Physicians by Specialty and Years since M.D. Graduation, Prince Edward Island, 1999

	1 to 5	6 to 10	11 to 15	16 to 20	21 to 25	26 to 30	31 to 35	36 & +	Total
<b>1.0 Family Medicine</b>	<b>6</b>	<b>16</b>	<b>13</b>	<b>11</b>	<b>16</b>	<b>17</b>	<b>13</b>	<b>11</b>	<b>103</b>
<b>2.0 Medical Specialists</b>									
<b>2.1 Clinical Specialists</b>									
- Internal Medicine	0	0	3	2	3	6	0	0	14
- Medical Genetics	0	0	0	0	0	0	0	0	0
- Dermatology	0	0	0	0	0	0	1	0	1
- Neurology	0	0	0	0	0	1	0	0	1
- Pediatrics	0	0	3	3	1	0	1	0	8
- Physical Medicine & Rehab.	0	0	0	0	0	0	1	0	1
- Psychiatry	0	0	3	3	1	0	0	0	7
- Public Health	0	0	0	0	0	0	0	0	0
- Emergency Medicine	0	0	0	0	0	1	0	0	1
- Occupational Medicine	0	0	0	0	0	0	0	0	0
- Anesthesia	0	2	0	0	1	0	0	3	6
- Nuclear Medicine	0	0	0	0	0	0	0	0	0
- Radiology - Diagnostic	0	1	0	2	0	1	2	0	6
- Radiology - Therapeutic	0	0	0	0	0	0	0	0	0
<b>Total - Clinical Specialists</b>	<b>0</b>	<b>3</b>	<b>9</b>	<b>10</b>	<b>6</b>	<b>9</b>	<b>5</b>	<b>3</b>	<b>45</b>
<b>2.2 Laboratory Specialists</b>									
- Medical Biochemistry	0	0	0	0	0	0	0	0	0
- Medical Microbiology	0	0	0	0	0	1	0	0	1
- Pathology	0	0	0	3	1	0	0	1	5
<b>Total - Laboratory Specialists</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>6</b>
<b>Total - Medical Specialists</b>	<b>0</b>	<b>3</b>	<b>9</b>	<b>13</b>	<b>7</b>	<b>10</b>	<b>5</b>	<b>4</b>	<b>51</b>
<b>3.0 Surgical Specialists</b>									
- General Surgery	0	0	0	2	0	2	2	3	9
- Cardio & Thoracic Surgery	0	0	0	0	0	0	0	0	0
- Neurosurgery	0	0	0	0	0	0	0	0	0
- Obstetrics-Gynecology	0	1	0	2	1	0	1	1	6
- Ophthalmology	0	1	1	0	1	0	0	1	4
- Otolaryngology	0	0	0	0	1	0	0	0	1
- Orthopedic Surgery	0	0	0	1	1	0	0	1	3
- Plastic Surgery	0	1	0	1	0	0	0	0	2
- Urology	0	0	0	1	0	0	0	0	1
<b>Total - Surgical Specialists</b>	<b>0</b>	<b>3</b>	<b>1</b>	<b>7</b>	<b>4</b>	<b>2</b>	<b>3</b>	<b>6</b>	<b>26</b>
<b>4.0 Medical Scientists</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total - All Specialists</b>	<b>0</b>	<b>6</b>	<b>10</b>	<b>20</b>	<b>11</b>	<b>12</b>	<b>8</b>	<b>10</b>	<b>77</b>
<b>Total - All Physicians</b>	<b>6</b>	<b>22</b>	<b>23</b>	<b>31</b>	<b>27</b>	<b>29</b>	<b>21</b>	<b>21</b>	<b>180</b>

Source: SMDB, CIHI

**Notes:** Specialty allocation based on latest acquired certified specialty. Internal medicine includes sub-specialties.

Excludes residents.

Includes physicians in clinical and/or non-clinical practice.

Data as of December 1999.

Table 3.3

## Physicians by Specialty and Years since M.D. Graduation, Nova Scotia, 1999

	1 to 5	6 to 10	11 to 15	16 to 20	21 to 25	26 to 30	31 to 35	36 & +	Total
<b>1.0 Family Medicine</b>	<b>76</b>	<b>155</b>	<b>175</b>	<b>147</b>	<b>153</b>	<b>104</b>	<b>46</b>	<b>100</b>	<b>956</b>
<b>2.0 Medical Specialists</b>									
<b>2.1 Clinical Specialists</b>									
- Internal Medicine	11	29	34	38	25	17	18	23	195
- Medical Genetics	0	0	0	0	1	0	0	0	1
- Dermatology	1	0	1	4	4	2	0	0	12
- Neurology	1	2	2	6	3	3	1	2	20
- Pediatrics	5	9	12	10	13	12	2	7	70
- Physical Medicine & Rehab.	1	0	3	0	4	2	1	0	11
- Psychiatry	2	9	16	19	24	13	12	21	116
- Public Health	0	1	1	2	2	0	0	0	6
- Emergency Medicine	0	2	3	1	2	1	0	0	9
- Occupational Medicine	0	0	0	0	0	0	0	0	0
- Anesthesia	3	15	11	15	21	10	9	7	91
- Nuclear Medicine	0	1	1	2	0	0	0	0	4
- Radiology - Diagnostic	2	12	12	8	14	8	11	12	79
- Radiology - Therapeutic	0	2	4	1	1	0	0	0	8
<b>Total - Clinical Specialists</b>	<b>26</b>	<b>82</b>	<b>100</b>	<b>106</b>	<b>114</b>	<b>68</b>	<b>54</b>	<b>72</b>	<b>622</b>
<b>2.2 Laboratory Specialists</b>									
- Medical Biochemistry	0	0	0	1	1	1	0	0	3
- Medical Microbiology	0	0	0	1	1	0	0	0	2
- Pathology	1	2	11	4	7	5	2	5	37
<b>Total - Laboratory Specialists</b>	<b>1</b>	<b>2</b>	<b>11</b>	<b>6</b>	<b>9</b>	<b>6</b>	<b>2</b>	<b>5</b>	<b>42</b>
<b>Total - Medical Specialists</b>	<b>27</b>	<b>84</b>	<b>111</b>	<b>112</b>	<b>123</b>	<b>74</b>	<b>56</b>	<b>77</b>	<b>664</b>
<b>3.0 Surgical Specialists</b>									
- General Surgery	2	6	9	6	12	5	7	19	66
- Cardio & Thoracic Surgery	0	0	3	5	2	1	1	0	12
- Neurosurgery	0	2	2	0	0	0	3	0	7
- Obstetrics-Gynecology	3	3	10	4	9	6	6	1	42
- Ophthalmology	0	4	7	6	3	12	2	7	41
- Otolaryngology	2	1	6	3	0	1	1	7	21
- Orthopedic Surgery	2	5	4	3	5	4	2	3	28
- Plastic Surgery	1	2	1	3	2	1	1	0	11
- Urology	0	2	2	5	2	2	0	8	21
<b>Total - Surgical Specialists</b>	<b>10</b>	<b>25</b>	<b>44</b>	<b>35</b>	<b>35</b>	<b>32</b>	<b>23</b>	<b>45</b>	<b>249</b>
<b>4.0 Medical Scientists</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>2</b>
<b>Total - All Specialists</b>	<b>37</b>	<b>109</b>	<b>156</b>	<b>147</b>	<b>158</b>	<b>106</b>	<b>79</b>	<b>123</b>	<b>915</b>
<b>Total - All Physicians</b>	<b>113</b>	<b>264</b>	<b>331</b>	<b>294</b>	<b>311</b>	<b>210</b>	<b>125</b>	<b>223</b>	<b>1,871</b>

Source: SMDB, CIHI

**Notes:** Specialty allocation based on latest acquired certified specialty. Internal medicine includes sub-specialties.

Excludes residents.

Includes physicians in clinical and/or non-clinical practice.

Data as of December 1999.

Table 3.4

## Physicians by Specialty and Years since M.D. Graduation, New Brunswick, 1999

	1 to 5	6 to 10	11 to 15	16 to 20	21 to 25	26 to 30	31 to 35	36 & +	Total
<b>1.0 Family Medicine</b>	<b>63</b>	<b>115</b>	<b>115</b>	<b>111</b>	<b>98</b>	<b>79</b>	<b>41</b>	<b>65</b>	<b>687</b>
<b>2.0 Medical Specialists</b>									
<b>2.1 Clinical Specialists</b>									
- Internal Medicine	1	13	13	18	5	14	8	9	81
- Medical Genetics	0	0	0	0	0	0	0	0	0
- Dermatology	0	2	1	1	3	0	0	0	7
- Neurology	0	0	4	2	2	1	0	0	9
- Pediatrics	1	4	0	1	6	3	7	2	24
- Physical Medicine & Rehab.	0	0	2	2	1	1	1	0	7
- Psychiatry	1	1	4	7	4	7	6	4	34
- Public Health	0	0	0	0	0	1	0	0	1
- Emergency Medicine	0	0	0	1	2	0	0	0	3
- Occupational Medicine	0	0	0	0	0	0	0	0	0
- Anesthesia	1	6	12	9	6	2	2	7	45
- Nuclear Medicine	0	1	1	0	0	0	1	0	3
- Radiology - Diagnostic	1	7	7	7	4	6	5	7	44
- Radiology - Therapeutic	0	2	2	0	0	3	0	1	8
<b>Total - Clinical Specialists</b>	<b>5</b>	<b>36</b>	<b>46</b>	<b>48</b>	<b>33</b>	<b>38</b>	<b>30</b>	<b>30</b>	<b>266</b>
<b>2.2 Laboratory Specialists</b>									
- Medical Biochemistry	0	0	0	0	0	0	0	0	0
- Medical Microbiology	0	0	1	1	1	0	0	0	3
- Pathology	0	6	4	3	2	3	1	3	22
<b>Total - Laboratory Specialists</b>	<b>0</b>	<b>6</b>	<b>5</b>	<b>4</b>	<b>3</b>	<b>3</b>	<b>1</b>	<b>3</b>	<b>25</b>
<b>Total - Medical Specialists</b>	<b>5</b>	<b>42</b>	<b>51</b>	<b>52</b>	<b>36</b>	<b>41</b>	<b>31</b>	<b>33</b>	<b>291</b>
<b>3.0 Surgical Specialists</b>									
- General Surgery	0	8	7	4	3	6	6	9	43
- Cardio & Thoracic Surgery	0	0	1	2	1	1	1	0	6
- Neurosurgery	0	0	2	0	0	4	0	0	6
- Obstetrics-Gynecology	1	3	2	4	3	3	9	5	30
- Ophthalmology	0	6	2	4	5	2	3	4	26
- Otolaryngology	1	2	5	2	1	0	2	1	14
- Orthopedic Surgery	0	8	3	3	3	3	6	1	27
- Plastic Surgery	0	0	3	3	3	1	2	0	12
- Urology	0	3	2	1	2	3	2	9	22
<b>Total - Surgical Specialists</b>	<b>2</b>	<b>30</b>	<b>27</b>	<b>23</b>	<b>21</b>	<b>23</b>	<b>31</b>	<b>29</b>	<b>186</b>
<b>4.0 Medical Scientists</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total - All Specialists</b>	<b>7</b>	<b>72</b>	<b>78</b>	<b>75</b>	<b>57</b>	<b>64</b>	<b>62</b>	<b>62</b>	<b>477</b>
<b>Total - All Physicians</b>	<b>70</b>	<b>187</b>	<b>193</b>	<b>186</b>	<b>155</b>	<b>143</b>	<b>103</b>	<b>127</b>	<b>1,164</b>

Source: SMDB, CIHI

**Notes:** Specialty allocation based on latest acquired certified specialty. Internal medicine includes sub-specialties.

Excludes residents.

Includes physicians in clinical and/or non-clinical practice.

Data as of December 1999.

Table 3.5

## Physicians by Specialty and Years since M.D. Graduation, Quebec, 1999

	1 to 5	6 to 10	11 to 15	16 to 20	21 to 25	26 to 30	31 to 35	36 & +	Total
<b>1.0 Family Medicine</b>	<b>755</b>	<b>1,006</b>	<b>1,297</b>	<b>1,347</b>	<b>1,402</b>	<b>876</b>	<b>458</b>	<b>614</b>	<b>7,755</b>
<b>2.0 Medical Specialists</b>									
<b>2.1 Clinical Specialists</b>									
- Internal Medicine	103	242	234	265	242	246	176	274	1,782
- Medical Genetics	0	0	2	2	3	1	2	7	17
- Dermatology	4	23	29	27	28	27	31	15	184
- Neurology	4	23	32	26	20	31	31	41	208
- Pediatrics	30	80	80	75	61	75	64	94	559
- Physical Medicine & Rehab.	2	10	11	7	11	9	9	18	77
- Psychiatry	11	117	148	130	99	111	159	173	948
- Public Health	1	13	10	32	36	44	14	31	181
- Emergency Medicine	2	5	12	14	12	6	1	0	52
- Occupational Medicine	0	0	0	1	1	2	2	0	6
- Anesthesia	11	61	92	99	60	58	52	134	567
- Nuclear Medicine	3	11	21	18	11	5	10	8	87
- Radiology - Diagnostic	11	72	79	62	37	62	85	97	505
- Radiology - Therapeutic	1	10	8	6	5	5	7	26	68
<b>Total - Clinical Specialists</b>	<b>183</b>	<b>667</b>	<b>758</b>	<b>764</b>	<b>626</b>	<b>682</b>	<b>643</b>	<b>918</b>	<b>5,241</b>
<b>2.2 Laboratory Specialists</b>									
- Medical Biochemistry	1	7	3	12	8	4	4	11	50
- Medical Microbiology	2	18	23	24	25	14	16	16	138
- Pathology	4	22	38	22	27	16	28	61	218
<b>Total - Laboratory Specialists</b>	<b>7</b>	<b>47</b>	<b>64</b>	<b>58</b>	<b>60</b>	<b>34</b>	<b>48</b>	<b>88</b>	<b>406</b>
<b>Total - Medical Specialists</b>	<b>190</b>	<b>714</b>	<b>822</b>	<b>822</b>	<b>686</b>	<b>716</b>	<b>691</b>	<b>1,006</b>	<b>5,647</b>
<b>3.0 Surgical Specialists</b>									
- General Surgery	16	74	69	49	42	69	73	174	566
- Cardio & Thoracic Surgery	0	4	12	6	14	5	16	20	77
- Neurosurgery	0	9	9	8	10	4	6	13	59
- Obstetrics-Gynecology	8	54	43	56	59	58	42	90	410
- Ophthalmology	8	38	42	34	46	30	42	49	289
- Otolaryngology	3	25	24	24	18	28	32	49	203
- Orthopedic Surgery	7	38	49	48	23	41	45	50	301
- Plastic Surgery	2	8	12	20	18	15	22	26	123
- Urology	4	18	19	18	17	14	23	38	151
<b>Total - Surgical Specialists</b>	<b>48</b>	<b>268</b>	<b>279</b>	<b>263</b>	<b>247</b>	<b>264</b>	<b>301</b>	<b>509</b>	<b>2,179</b>
<b>4.0 Medical Scientists</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>3</b>	<b>9</b>	<b>13</b>
<b>Total - All Specialists</b>	<b>238</b>	<b>982</b>	<b>1,101</b>	<b>1,085</b>	<b>934</b>	<b>980</b>	<b>995</b>	<b>1,524</b>	<b>7,839</b>
<b>Total - All Physicians</b>	<b>993</b>	<b>1,988</b>	<b>2,398</b>	<b>2,432</b>	<b>2,336</b>	<b>1,856</b>	<b>1,453</b>	<b>2,138</b>	<b>15,594</b>

Source: SMDB, CIHI

**Notes:** Specialty allocation based on latest acquired certified specialty. Internal medicine includes sub-specialties.  
 Excludes residents.  
 Includes physicians in clinical and/or non-clinical practice.  
 Data as of December 1999.

Table 3.6

## Physicians by Specialty and Years since M.D. Graduation, Ontario, 1999

	1 to 5	6 to 10	11 to 15	16 to 20	21 to 25	26 to 30	31 to 35	36 & +	Total
<b>1.0 Family Medicine</b>	<b>822</b>	<b>1,475</b>	<b>1,557</b>	<b>1,551</b>	<b>1,318</b>	<b>1,159</b>	<b>845</b>	<b>1,084</b>	<b>9,811</b>
<b>2.0 Medical Specialists</b>									
<b>2.1 Clinical Specialists</b>									
- Internal Medicine	147	338	338	379	348	242	200	326	2,318
- Medical Genetics	1	0	1	2	4	2	0	0	10
- Dermatology	2	14	26	30	30	21	17	45	185
- Neurology	5	36	33	36	37	29	27	32	235
- Pediatrics	53	112	95	133	116	99	87	155	850
- Physical Medicine & Rehab.	7	16	25	28	18	11	14	16	135
- Psychiatry	20	122	214	295	292	252	190	321	1,706
- Public Health	2	4	23	24	30	11	6	5	105
- Emergency Medicine	5	16	23	28	25	19	4	0	120
- Occupational Medicine	1	0	0	4	12	1	1	3	22
- Anesthesia	26	83	127	169	145	88	78	151	867
- Nuclear Medicine	4	7	12	13	10	5	7	16	74
- Radiology - Diagnostic	20	77	84	128	97	74	90	120	690
- Radiology - Therapeutic	4	20	22	32	28	10	5	7	128
<b>Total - Clinical Specialists</b>	<b>297</b>	<b>845</b>	<b>1,023</b>	<b>1,301</b>	<b>1,192</b>	<b>864</b>	<b>726</b>	<b>1,197</b>	<b>7,445</b>
<b>2.2 Laboratory Specialists</b>									
- Medical Biochemistry	0	0	2	1	6	2	6	7	24
- Medical Microbiology	0	5	8	9	8	8	3	4	45
- Pathology	10	25	59	70	67	54	59	79	423
<b>Total - Laboratory Specialists</b>	<b>10</b>	<b>30</b>	<b>69</b>	<b>80</b>	<b>81</b>	<b>64</b>	<b>68</b>	<b>90</b>	<b>492</b>
<b>Total - Medical Specialists</b>	<b>307</b>	<b>875</b>	<b>1,092</b>	<b>1,381</b>	<b>1,273</b>	<b>928</b>	<b>794</b>	<b>1,287</b>	<b>7,937</b>
<b>3.0 Surgical Specialists</b>									
- General Surgery	14	90	79	79	66	68	74	192	662
- Cardio & Thoracic Surgery	0	8	27	23	13	15	10	16	112
- Neurosurgery	0	14	16	17	6	8	5	19	85
- Obstetrics-Gynecology	19	80	90	96	95	62	58	164	664
- Ophthalmology	10	47	49	68	43	43	43	103	406
- Otolaryngology	6	30	22	27	18	22	34	58	217
- Orthopedic Surgery	13	76	48	62	60	37	40	75	411
- Plastic Surgery	5	24	25	37	22	15	19	27	174
- Urology	5	30	25	30	32	20	23	54	219
<b>Total - Surgical Specialists</b>	<b>72</b>	<b>399</b>	<b>381</b>	<b>439</b>	<b>355</b>	<b>290</b>	<b>306</b>	<b>708</b>	<b>2,950</b>
<b>4.0 Medical Scientists</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>3</b>	<b>2</b>	<b>3</b>	<b>18</b>	<b>27</b>
<b>Total - All Specialists</b>	<b>379</b>	<b>1,274</b>	<b>1,473</b>	<b>1,821</b>	<b>1,631</b>	<b>1,220</b>	<b>1,103</b>	<b>2,013</b>	<b>10,914</b>
<b>Total - All Physicians</b>	<b>1,201</b>	<b>2,749</b>	<b>3,030</b>	<b>3,372</b>	<b>2,949</b>	<b>2,379</b>	<b>1,948</b>	<b>3,097</b>	<b>20,725</b>

Source: SMDB, CIHI

**Notes:** Specialty allocation based on latest acquired certified specialty. Internal medicine includes sub-specialties.

Excludes residents.

Includes physicians in clinical and/or non-clinical practice.

Data as of December 1999.

Table 3.7

## Physicians by Specialty and Years since M.D. Graduation, Manitoba, 1999

	1 to 5	6 to 10	11 to 15	16 to 20	21 to 25	26 to 30	31 to 35	36 & +	Total
<b>1.0 Family Medicine</b>	<b>110</b>	<b>157</b>	<b>171</b>	<b>235</b>	<b>118</b>	<b>77</b>	<b>74</b>	<b>105</b>	<b>1,047</b>
<b>2.0 Medical Specialists</b>									
<b>2.1 Clinical Specialists</b>									
- Internal Medicine	14	27	32	28	24	24	12	43	204
- Medical Genetics	0	0	1	1	2	0	0	0	4
- Dermatology	0	1	1	2	1	3	0	1	9
- Neurology	0	0	0	7	2	1	2	4	16
- Pediatrics	7	15	14	15	17	16	8	18	110
- Physical Medicine & Rehab.	0	3	2	2	0	4	0	1	12
- Psychiatry	3	11	32	32	11	21	11	13	134
- Public Health	0	2	6	1	1	4	1	0	15
- Emergency Medicine	1	1	0	3	3	1	0	0	9
- Occupational Medicine	0	0	0	1	1	0	0	0	2
- Anesthesia	3	9	15	21	21	9	8	9	95
- Nuclear Medicine	0	2	2	2	1	1	0	0	8
- Radiology - Diagnostic	2	4	7	17	7	12	6	9	64
- Radiology - Therapeutic	0	0	1	2	1	0	0	0	4
<b>Total - Clinical Specialists</b>	<b>30</b>	<b>75</b>	<b>113</b>	<b>134</b>	<b>92</b>	<b>96</b>	<b>48</b>	<b>98</b>	<b>686</b>
<b>2.2 Laboratory Specialists</b>									
- Medical Biochemistry	0	0	0	0	0	0	0	0	0
- Medical Microbiology	0	0	0	0	0	1	0	3	4
- Pathology	1	1	3	13	3	4	3	12	40
<b>Total - Laboratory Specialists</b>	<b>1</b>	<b>1</b>	<b>3</b>	<b>13</b>	<b>3</b>	<b>5</b>	<b>3</b>	<b>15</b>	<b>44</b>
<b>Total - Medical Specialists</b>	<b>31</b>	<b>76</b>	<b>116</b>	<b>147</b>	<b>95</b>	<b>101</b>	<b>51</b>	<b>113</b>	<b>730</b>
<b>3.0 Surgical Specialists</b>									
- General Surgery	0	7	10	10	10	8	5	25	75
- Cardio & Thoracic Surgery	0	1	2	3	2	1	0	2	11
- Neurosurgery	0	1	3	0	0	0	1	1	6
- Obstetrics-Gynecology	0	8	5	10	10	4	11	13	61
- Ophthalmology	0	3	5	6	5	3	1	5	28
- Otolaryngology	0	3	6	1	2	2	1	5	20
- Orthopedic Surgery	1	3	6	3	4	2	7	10	36
- Plastic Surgery	1	2	0	4	1	1	2	2	13
- Urology	1	2	0	3	3	4	2	7	22
<b>Total - Surgical Specialists</b>	<b>3</b>	<b>30</b>	<b>37</b>	<b>40</b>	<b>37</b>	<b>25</b>	<b>30</b>	<b>70</b>	<b>272</b>
<b>4.0 Medical Scientists</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>5</b>	<b>6</b>
<b>Total - All Specialists</b>	<b>34</b>	<b>106</b>	<b>153</b>	<b>187</b>	<b>133</b>	<b>126</b>	<b>81</b>	<b>188</b>	<b>1,008</b>
<b>Total - All Physicians</b>	<b>144</b>	<b>263</b>	<b>324</b>	<b>422</b>	<b>251</b>	<b>203</b>	<b>155</b>	<b>293</b>	<b>2,055</b>

Source: SMDB, CIHI

**Notes:** Specialty allocation based on latest acquired certified specialty. Internal medicine includes sub-specialties.  
Excludes residents.  
Includes physicians in clinical and/or non-clinical practice.  
Data as of December 1999.

Table 3.8

## Physicians by Specialty and Years since M.D. Graduation, Saskatchewan, 1999

	1 to 5	6 to 10	11 to 15	16 to 20	21 to 25	26 to 30	31 to 35	36 & +	Total
<b>1.0 Family Medicine</b>	<b>96</b>	<b>137</b>	<b>138</b>	<b>134</b>	<b>107</b>	<b>119</b>	<b>87</b>	<b>129</b>	<b>947</b>
<b>2.0 Medical Specialists</b>									
<b>2.1 Clinical Specialists</b>									
- Internal Medicine	5	17	14	15	23	15	16	20	125
- Medical Genetics	0	1	0	0	0	0	0	0	1
- Dermatology	0	0	1	2	0	1	0	1	5
- Neurology	0	1	1	2	2	2	0	4	12
- Pediatrics	2	6	2	6	3	4	9	8	40
- Physical Medicine & Rehab.	2	1	0	0	2	0	2	2	9
- Psychiatry	1	4	8	7	4	4	6	9	43
- Public Health	0	3	1	0	6	0	0	0	10
- Emergency Medicine	0	0	0	0	0	0	0	0	0
- Occupational Medicine	0	0	0	0	0	0	0	0	0
- Anesthesia	0	6	18	18	7	5	3	8	65
- Nuclear Medicine	0	0	1	1	0	0	0	1	3
- Radiology - Diagnostic	2	8	6	7	10	5	6	5	49
- Radiology - Therapeutic	0	0	4	0	1	0	0	1	6
<b>Total - Clinical Specialists</b>	<b>12</b>	<b>47</b>	<b>56</b>	<b>58</b>	<b>58</b>	<b>36</b>	<b>42</b>	<b>59</b>	<b>368</b>
<b>2.2 Laboratory Specialists</b>									
- Medical Biochemistry	0	0	0	1	1	0	1	0	3
- Medical Microbiology	0	1	1	0	0	2	0	0	4
- Pathology	0	0	8	10	9	4	5	6	42
<b>Total - Laboratory Specialists</b>	<b>0</b>	<b>1</b>	<b>9</b>	<b>11</b>	<b>10</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>49</b>
<b>Total - Medical Specialists</b>	<b>12</b>	<b>48</b>	<b>65</b>	<b>69</b>	<b>68</b>	<b>42</b>	<b>48</b>	<b>65</b>	<b>417</b>
<b>3.0 Surgical Specialists</b>									
- General Surgery	2	3	10	9	7	3	8	17	59
- Cardio & Thoracic Surgery	0	1	3	1	1	2	0	2	10
- Neurosurgery	0	1	0	1	1	1	0	3	7
- Obstetrics-Gynecology	1	7	5	8	3	8	3	3	38
- Ophthalmology	1	4	4	7	1	3	1	2	23
- Otolaryngology	0	0	2	4	1	2	1	3	13
- Orthopedic Surgery	1	2	4	6	3	4	2	3	25
- Plastic Surgery	0	3	2	2	2	3	0	3	15
- Urology	0	0	2	3	3	2	3	4	17
<b>Total - Surgical Specialists</b>	<b>5</b>	<b>21</b>	<b>32</b>	<b>41</b>	<b>22</b>	<b>28</b>	<b>18</b>	<b>40</b>	<b>207</b>
<b>4.0 Medical Scientists</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>
<b>Total - All Specialists</b>	<b>17</b>	<b>69</b>	<b>97</b>	<b>110</b>	<b>90</b>	<b>70</b>	<b>66</b>	<b>106</b>	<b>625</b>
<b>Total - All Physicians</b>	<b>113</b>	<b>206</b>	<b>235</b>	<b>244</b>	<b>197</b>	<b>189</b>	<b>153</b>	<b>235</b>	<b>1,572</b>

Source: SMDB, CIHI

**Notes:** Specialty allocation based on latest acquired certified specialty. Internal medicine includes sub-specialties.  
 Excludes residents.  
 Includes physicians in clinical and/or non-clinical practice.  
 Data as of December 1999.



Table 3.9

## Physicians by Specialty and Years since M.D. Graduation, Alberta, 1999

	1 to 5	6 to 10	11 to 15	16 to 20	21 to 25	26 to 30	31 to 35	36 & +	Total
<b>1.0 Family Medicine</b>	<b>309</b>	<b>380</b>	<b>411</b>	<b>458</b>	<b>380</b>	<b>304</b>	<b>168</b>	<b>217</b>	<b>2,627</b>
<b>2.0 Medical Specialists</b>									
<b>2.1 Clinical Specialists</b>									
- Internal Medicine	41	78	73	81	91	58	40	51	513
- Medical Genetics	0	3	2	0	2	1	0	0	8
- Dermatology	1	3	10	4	4	5	4	5	36
- Neurology	2	10	6	10	9	12	7	5	61
- Pediatrics	10	33	33	31	40	21	12	23	203
- Physical Medicine & Rehab.	2	1	6	6	1	4	0	2	22
- Psychiatry	8	37	36	57	29	33	16	31	247
- Public Health	0	2	3	5	5	2	2	2	21
- Emergency Medicine	3	9	11	11	9	5	0	0	48
- Occupational Medicine	0	0	0	1	2	5	0	0	8
- Anesthesia	2	31	25	63	43	20	8	19	211
- Nuclear Medicine	1	1	3	2	5	1	1	1	15
- Radiology - Diagnostic	5	25	23	45	34	14	18	18	182
- Radiology - Therapeutic	0	3	5	4	5	2	1	7	27
<b>Total - Clinical Specialists</b>	<b>75</b>	<b>236</b>	<b>236</b>	<b>320</b>	<b>279</b>	<b>183</b>	<b>109</b>	<b>164</b>	<b>1,602</b>
<b>2.2 Laboratory Specialists</b>									
- Medical Biochemistry	0	0	0	0	1	0	0	0	1
- Medical Microbiology	0	0	2	1	1	1	2	2	9
- Pathology	4	10	11	23	21	17	18	18	122
<b>Total - Laboratory Specialists</b>	<b>4</b>	<b>10</b>	<b>13</b>	<b>24</b>	<b>23</b>	<b>18</b>	<b>20</b>	<b>20</b>	<b>132</b>
<b>Total - Medical Specialists</b>	<b>79</b>	<b>246</b>	<b>249</b>	<b>344</b>	<b>302</b>	<b>201</b>	<b>129</b>	<b>184</b>	<b>1,734</b>
<b>3.0 Surgical Specialists</b>									
- General Surgery	3	20	18	21	21	13	11	31	138
- Cardio & Thoracic Surgery	0	1	3	4	5	5	1	3	22
- Neurosurgery	0	3	3	3	3	1	3	3	19
- Obstetrics-Gynecology	4	16	14	28	16	14	9	23	124
- Ophthalmology	0	11	12	15	12	9	9	16	84
- Otolaryngology	1	2	5	8	5	4	5	6	36
- Orthopedic Surgery	3	18	12	19	14	10	11	19	106
- Plastic Surgery	1	3	6	5	9	5	2	5	36
- Urology	0	8	4	7	6	4	8	4	41
<b>Total - Surgical Specialists</b>	<b>12</b>	<b>82</b>	<b>77</b>	<b>110</b>	<b>91</b>	<b>65</b>	<b>59</b>	<b>110</b>	<b>606</b>
<b>4.0 Medical Scientists</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>2</b>	<b>4</b>
<b>Total - All Specialists</b>	<b>91</b>	<b>328</b>	<b>326</b>	<b>454</b>	<b>393</b>	<b>268</b>	<b>188</b>	<b>296</b>	<b>2,344</b>
<b>Total - All Physicians</b>	<b>400</b>	<b>708</b>	<b>737</b>	<b>912</b>	<b>773</b>	<b>572</b>	<b>356</b>	<b>513</b>	<b>4,971</b>

Source: SMDB, CIHI

**Notes:** Specialty allocation based on latest acquired certified specialty. Internal medicine includes sub-specialties.  
Excludes residents.  
Includes physicians in clinical and/or non-clinical practice.  
Data as of December 1999.

Table 3.10

## Physicians by Specialty and Years since M.D. Graduation, British Columbia, 1999

	1 to 5	6 to 10	11 to 15	16 to 20	21 to 25	26 to 30	31 to 35	36 & +	Total
<b>1.0 Family Medicine</b>	<b>303</b>	<b>736</b>	<b>815</b>	<b>616</b>	<b>659</b>	<b>523</b>	<b>307</b>	<b>307</b>	<b>4,266</b>
<b>2.0 Medical Specialists</b>									
<b>2.1 Clinical Specialists</b>									
- Internal Medicine	27	79	88	101	112	93	61	68	629
- Medical Genetics	0	0	0	0	2	1	2	0	5
- Dermatology	0	4	6	10	11	10	7	12	60
- Neurology	1	13	5	24	14	10	6	21	94
- Pediatrics	14	22	36	38	34	30	33	25	232
- Physical Medicine & Rehab.	2	7	4	7	8	4	6	4	42
- Psychiatry	9	32	77	96	76	71	46	106	513
- Public Health	0	2	8	8	7	5	6	3	39
- Emergency Medicine	1	8	16	14	15	13	6	1	74
- Occupational Medicine	0	0	0	0	1	3	0	1	5
- Anesthesia	6	31	55	69	64	52	32	43	352
- Nuclear Medicine	0	3	2	5	6	2	1	3	22
- Radiology - Diagnostic	6	19	37	40	27	38	33	34	234
- Radiology - Therapeutic	1	12	12	10	5	5	2	2	49
<b>Total - Clinical Specialists</b>	<b>67</b>	<b>232</b>	<b>346</b>	<b>422</b>	<b>382</b>	<b>337</b>	<b>241</b>	<b>323</b>	<b>2,350</b>
<b>2.2 Laboratory Specialists</b>									
- Medical Biochemistry	0	0	1	4	2	1	3	1	12
- Medical Microbiology	0	2	2	5	2	6	2	4	23
- Pathology	1	16	27	34	30	27	24	21	180
<b>Total - Laboratory Specialists</b>	<b>1</b>	<b>18</b>	<b>30</b>	<b>43</b>	<b>34</b>	<b>34</b>	<b>29</b>	<b>26</b>	<b>215</b>
<b>Total - Medical Specialists</b>	<b>68</b>	<b>250</b>	<b>376</b>	<b>465</b>	<b>416</b>	<b>371</b>	<b>270</b>	<b>349</b>	<b>2,565</b>
<b>3.0 Surgical Specialists</b>									
- General Surgery	2	20	27	24	27	28	19	54	201
- Cardio & Thoracic Surgery	0	3	2	6	8	5	5	6	35
- Neurosurgery	0	3	7	2	3	6	3	9	33
- Obstetrics-Gynecology	5	27	23	36	20	21	21	33	186
- Ophthalmology	3	16	20	29	23	29	29	23	172
- Otolaryngology	0	7	9	12	10	10	11	14	73
- Orthopedic Surgery	4	13	22	24	19	27	24	26	159
- Plastic Surgery	0	7	13	11	9	11	8	3	62
- Urology	1	6	11	9	9	8	8	15	67
<b>Total - Surgical Specialists</b>	<b>15</b>	<b>102</b>	<b>134</b>	<b>153</b>	<b>128</b>	<b>145</b>	<b>128</b>	<b>183</b>	<b>988</b>
<b>4.0 Medical Scientists</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>3</b>	<b>6</b>
<b>Total - All Specialists</b>	<b>83</b>	<b>352</b>	<b>510</b>	<b>619</b>	<b>544</b>	<b>518</b>	<b>398</b>	<b>535</b>	<b>3,559</b>
<b>Total - All Physicians</b>	<b>386</b>	<b>1,088</b>	<b>1,325</b>	<b>1,235</b>	<b>1,203</b>	<b>1,041</b>	<b>705</b>	<b>842</b>	<b>7,825</b>

Source: SMDB, CIHI

**Notes:** Specialty allocation based on latest acquired certified specialty. Internal medicine includes sub-specialties.  
 Excludes residents.  
 Includes physicians in clinical and/or non-clinical practice.  
 Data as of December 1999.

Table 3.11

## Physicians by Specialty and Years since M.D. Graduation, Yukon Territory, 1999

	1 to 5	6 to 10	11 to 15	16 to 20	21 to 25	26 to 30	31 to 35	36 & +	Total
<b>1.0 Family Medicine</b>	2	4	6	8	8	6	1	1	36
<b>2.0 Medical Specialists</b>									
<b>2.1 Clinical Specialists</b>									
- Internal Medicine	0	0	0	0	0	0	0	0	0
- Medical Genetics	0	0	0	0	0	0	0	0	0
- Dermatology	0	0	0	0	0	0	0	0	0
- Neurology	0	0	0	0	0	0	0	0	0
- Pediatrics	0	0	0	0	1	0	0	0	1
- Physical Medicine & Rehab.	0	0	0	0	0	0	0	0	0
- Psychiatry	0	0	0	0	1	0	0	0	1
- Public Health	0	0	0	0	0	0	0	0	0
- Emergency Medicine	0	0	0	0	0	0	0	0	0
- Occupational Medicine	0	0	0	0	0	0	0	0	0
- Anesthesia	0	0	1	0	0	0	0	0	1
- Nuclear Medicine	0	0	0	0	0	0	0	0	0
- Radiology - Diagnostic	0	0	0	0	0	0	0	0	0
- Radiology - Therapeutic	0	0	0	0	0	0	0	0	0
<b>Total - Clinical Specialists</b>	0	0	1	0	2	0	0	0	3
<b>2.2 Laboratory Specialists</b>									
- Medical Biochemistry	0	0	0	0	0	0	0	0	0
- Medical Microbiology	0	0	0	0	0	0	0	0	0
- Pathology	0	0	0	0	0	0	0	0	0
<b>Total - Laboratory Specialists</b>	0	0	0	0	0	0	0	0	0
<b>Total - Medical Specialists</b>	0	0	1	0	2	0	0	0	3
<b>3.0 Surgical Specialists</b>									
- General Surgery	0	0	0	0	0	2	0	0	2
- Cardio & Thoracic Surgery	0	0	0	0	0	0	0	0	0
- Neurosurgery	0	0	0	0	0	0	0	0	0
- Obstetrics-Gynecology	0	0	0	0	1	0	0	0	1
- Ophthalmology	0	0	0	0	0	0	0	0	0
- Otolaryngology	0	0	0	0	0	0	0	0	0
- Orthopedic Surgery	0	0	0	0	0	0	0	0	0
- Plastic Surgery	0	0	0	0	0	0	0	0	0
- Urology	0	0	0	0	0	0	0	0	0
<b>Total - Surgical Specialists</b>	0	0	0	0	1	2	0	0	3
<b>4.0 Medical Scientists</b>	0	0	0	0	0	0	0	0	0
<b>Total - All Specialists</b>	0	0	1	0	3	2	0	0	6
<b>Total - All Physicians</b>	2	4	7	8	11	8	1	1	42

Source: SMDB, CIHI

**Notes:** Specialty allocation based on latest acquired certified specialty. Internal medicine includes sub-specialties.  
Excludes residents.  
Includes physicians in clinical and/or non-clinical practice.  
Data as of December 1999.

Table 3.12

## Physicians by Specialty and Years since M.D. Graduation, Northwest Territories, 1999

	1 to 5	6 to 10	11 to 15	16 to 20	21 to 25	26 to 30	31 to 35	36 & +	Total
<b>1.0 Family Medicine</b>	5	13	7	10	3	1	2	4	45
<b>2.0 Medical Specialists</b>									
<b>2.1 Clinical Specialists</b>									
- Internal Medicine	0	0	0	0	1	0	0	0	1
- Medical Genetics	0	0	0	0	0	0	0	0	0
- Dermatology	0	0	0	0	0	0	0	0	0
- Neurology	0	0	0	0	0	0	0	0	0
- Pediatrics	0	0	1	1	0	0	0	0	2
- Physical Medicine & Rehab.	0	0	0	0	0	0	0	0	0
- Psychiatry	0	0	0	0	0	0	1	0	1
- Public Health	0	1	0	1	0	1	0	0	3
- Emergency Medicine	0	0	0	0	0	0	0	0	0
- Occupational Medicine	0	0	0	0	0	0	0	0	0
- Anesthesia	0	0	0	0	0	0	0	0	0
- Nuclear Medicine	0	0	0	0	0	0	0	0	0
- Radiology - Diagnostic	0	0	0	1	0	0	0	1	2
- Radiology - Therapeutic	0	0	0	0	0	0	0	0	0
<b>Total - Clinical Specialists</b>	0	1	1	3	1	1	1	1	9
<b>2.2 Laboratory Specialists</b>									
- Medical Biochemistry	0	0	0	0	0	0	0	0	0
- Medical Microbiology	0	0	0	0	0	0	0	0	0
- Pathology	0	0	0	0	0	0	0	0	0
<b>Total - Laboratory Specialists</b>	0	0	0	0	0	0	0	0	0
<b>Total - Medical Specialists</b>	0	1	1	3	1	1	1	1	9
<b>3.0 Surgical Specialists</b>									
- General Surgery	0	1	1	0	0	1	0	0	3
- Cardio & Thoracic Surgery	0	0	0	0	0	0	0	0	0
- Neurosurgery	0	0	0	0	0	0	0	0	0
- Obstetrics-Gynecology	0	1	0	0	0	1	0	0	2
- Ophthalmology	0	0	0	1	0	0	0	0	1
- Otolaryngology	0	0	2	0	0	0	0	0	2
- Orthopedic Surgery	0	0	1	0	1	0	0	0	2
- Plastic Surgery	0	0	0	0	0	0	0	0	0
- Urology	0	0	0	0	0	0	0	0	0
<b>Total - Surgical Specialists</b>	0	2	4	1	1	2	0	0	10
<b>4.0 Medical Scientists</b>	0	0	0	0	0	0	0	0	0
<b>Total - All Specialists</b>	0	3	5	4	2	3	1	1	19
<b>Total - All Physicians</b>	5	16	12	14	5	4	3	5	64

Source: SMDB, CIHI

**Notes:** Specialty allocation based on latest acquired certified specialty. Internal medicine includes sub-specialties.  
Excludes residents.  
Includes physicians in clinical and/or non-clinical practice.  
Data as of December 1999.

Table 4.0

## Physicians, Canadian M.D. Graduates, by Specialty and Province/Territory, Canada, 1999

	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Y.T.	N.W.T.	Canada
<b>1.0 Family Medicine</b>	<b>302</b>	<b>90</b>	<b>721</b>	<b>546</b>	<b>6,925</b>	<b>7,751</b>	<b>564</b>	<b>376</b>	<b>1,802</b>	<b>3,258</b>	<b>27</b>	<b>33</b>	<b>22,395</b>
<b>2.0 Medical Specialists</b>													
<b>2.1 Clinical Specialists</b>													
- Internal Medicine	43	12	141	62	1,555	1,752	159	74	415	441	0	1	4,655
- Medical Genetics	1	0	1	0	15	6	4	1	6	2	0	0	36
- Dermatology	4	0	11	7	172	163	7	3	32	50	0	0	449
- Neurology	4	1	16	8	176	187	11	4	44	63	0	0	514
- Pediatrics	17	7	55	14	471	512	85	18	131	107	1	2	1,420
- Physical Medicine & Rehab.	2	0	10	7	68	97	9	6	16	28	0	0	243
- Psychiatry	28	6	52	18	805	1,035	114	20	177	293	1	0	2,549
- Public Health	1	0	6	1	171	89	15	10	18	29	0	2	342
- Emergency Medicine	2	1	9	3	52	116	9	0	48	67	0	0	307
- Occupational Medicine	0	0	0	0	6	22	2	0	6	4	0	0	40
- Anesthesia	22	3	58	32	499	589	81	49	151	247	1	0	1,732
- Nuclear Medicine	1	0	4	3	82	57	8	1	14	19	0	0	189
- Radiology - Diagnostic	21	5	65	41	470	503	57	36	151	179	0	1	1,529
- Radiology - Therapeutic	1	0	6	6	56	75	2	2	18	25	0	0	191
<b>Total - Clinical Specialists</b>	<b>147</b>	<b>35</b>	<b>434</b>	<b>202</b>	<b>4,598</b>	<b>5,203</b>	<b>563</b>	<b>224</b>	<b>1,227</b>	<b>1,554</b>	<b>3</b>	<b>6</b>	<b>14,196</b>
<b>2.2 Laboratory Specialists</b>													
- Medical Biochemistry	0	0	1	0	35	11	0	2	0	9	0	0	58
- Medical Microbiology	2	1	0	3	123	34	3	3	3	15	0	0	187
- Pathology	9	2	18	15	185	221	20	16	73	115	0	0	674
<b>Total - Laboratory Specialists</b>	<b>11</b>	<b>3</b>	<b>19</b>	<b>18</b>	<b>343</b>	<b>266</b>	<b>23</b>	<b>21</b>	<b>76</b>	<b>139</b>	<b>0</b>	<b>0</b>	<b>919</b>
<b>Total - Medical Specialists</b>	<b>158</b>	<b>38</b>	<b>453</b>	<b>220</b>	<b>4,941</b>	<b>5,469</b>	<b>586</b>	<b>245</b>	<b>1,303</b>	<b>1,693</b>	<b>3</b>	<b>6</b>	<b>15,115</b>
<b>3.0 Surgical Specialists</b>													
- General Surgery	20	6	48	34	481	496	53	36	107	130	1	3	1,415
- Cardio & Thoracic Surgery	3	0	9	6	62	87	10	6	14	29	0	0	226
- Neurosurgery	1	0	6	2	48	57	5	2	17	23	0	0	161
- Obstetrics-Gynecology	13	6	29	22	350	462	43	21	90	113	1	2	1,152
- Ophthalmology	5	4	34	23	257	336	19	14	70	127	0	1	890
- Otolaryngology	7	0	13	11	177	160	16	9	32	49	0	2	476
- Orthopedic Surgery	13	3	26	26	260	332	26	16	95	114	0	1	912
- Plastic Surgery	2	2	10	11	115	155	7	12	34	53	0	0	401
- Urology	4	1	16	14	129	165	17	12	33	54	0	0	445
<b>Total - Surgical Specialists</b>	<b>68</b>	<b>22</b>	<b>191</b>	<b>149</b>	<b>1,879</b>	<b>2,250</b>	<b>196</b>	<b>128</b>	<b>492</b>	<b>692</b>	<b>2</b>	<b>9</b>	<b>6,078</b>
<b>4.0 Medical Scientists</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>10</b>	<b>11</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>28</b>
<b>Total - All Specialists</b>	<b>226</b>	<b>60</b>	<b>645</b>	<b>369</b>	<b>6,830</b>	<b>7,730</b>	<b>783</b>	<b>373</b>	<b>1,796</b>	<b>2,389</b>	<b>5</b>	<b>15</b>	<b>21,221</b>
<b>Total - All Physicians</b>	<b>528</b>	<b>150</b>	<b>1,366</b>	<b>915</b>	<b>13,755</b>	<b>15,481</b>	<b>1,347</b>	<b>749</b>	<b>3,598</b>	<b>5,647</b>	<b>32</b>	<b>48</b>	<b>43,616</b>

Source: SMDB, CIHI

**Notes:** Specialty allocation is by latest acquired certified specialty. Internal Medicine includes sub-specialties. Excludes residents.

Figures for Canadian and Foreign graduates combined will not equal figures for total physicians because there were 158 cases where place of M.D. graduation was not specified. Includes physicians in clinical and/or non-clinical practice.

Data as of December 1999.

Table 4.1

## Physicians, Foreign M.D. Graduates, by Specialty and Province/Territory, Canada, 1999

	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Y.T.	N.W.T.	Canada
<b>1.0 Family Medicine</b>	<b>243</b>	<b>13</b>	<b>234</b>	<b>139</b>	<b>807</b>	<b>2,046</b>	<b>404</b>	<b>558</b>	<b>821</b>	<b>1,004</b>	<b>9</b>	<b>9</b>	<b>6,287</b>
<b>2.0 Medical Specialists</b>													
<b>2.1 Clinical Specialists</b>													
- Internal Medicine	29	2	53	19	227	566	45	51	98	188	0	0	1,278
- Medical Genetics	0	0	0	0	2	4	0	0	2	3	0	0	11
- Dermatology	1	1	1	0	12	22	2	2	4	10	0	0	55
- Neurology	5	0	4	1	32	48	5	8	17	31	0	0	151
- Pediatrics	19	1	15	10	88	338	25	22	72	125	0	0	715
- Physical Medicine & Rehab.	1	1	1	0	9	38	3	3	6	14	0	0	76
- Psychiatry	8	1	64	16	143	671	19	23	70	220	0	1	1,236
- Public Health	0	0	0	0	10	16	0	0	3	10	0	1	40
- Emergency Medicine	0	0	0	0	0	4	0	0	0	7	0	0	11
- Occupational Medicine	0	0	0	0	0	0	0	0	2	1	0	0	3
- Anesthesia	10	3	33	13	68	278	14	16	60	105	0	0	600
- Nuclear Medicine	1	0	0	0	5	17	0	2	1	3	0	0	29
- Radiology - Diagnostic	10	1	14	3	35	187	7	13	31	55	0	1	357
- Radiology - Therapeutic	3	0	2	2	12	53	2	4	9	24	0	0	111
<b>Total - Clinical Specialists</b>	<b>87</b>	<b>10</b>	<b>187</b>	<b>64</b>	<b>643</b>	<b>2,242</b>	<b>122</b>	<b>144</b>	<b>375</b>	<b>796</b>	<b>0</b>	<b>3</b>	<b>4,673</b>
<b>2.2 Laboratory Specialists</b>													
- Medical Biochemistry	0	0	2	0	15	13	0	1	1	3	0	0	35
- Medical Microbiology	1	0	2	0	15	11	1	1	6	8	0	0	45
- Pathology	19	3	19	7	33	202	20	26	49	65	0	0	443
<b>Total - Laboratory Specialists</b>	<b>20</b>	<b>3</b>	<b>23</b>	<b>7</b>	<b>63</b>	<b>226</b>	<b>21</b>	<b>28</b>	<b>56</b>	<b>76</b>	<b>0</b>	<b>0</b>	<b>523</b>
<b>Total - Medical Specialists</b>	<b>107</b>	<b>13</b>	<b>210</b>	<b>71</b>	<b>706</b>	<b>2,468</b>	<b>143</b>	<b>172</b>	<b>431</b>	<b>872</b>	<b>0</b>	<b>3</b>	<b>5,196</b>
<b>3.0 Surgical Specialists</b>													
- General Surgery	9	3	18	9	85	166	22	23	31	71	1	0	438
- Cardio & Thoracic Surgery	1	0	3	0	15	25	1	4	8	6	0	0	63
- Neurosurgery	2	0	1	4	11	28	1	5	2	10	0	0	64
- Obstetrics-Gynecology	11	0	13	8	60	202	18	17	34	73	0	0	436
- Ophthalmology	6	0	7	3	32	70	9	9	14	45	0	0	195
- Otolaryngology	1	1	8	3	26	57	4	4	4	24	0	0	132
- Orthopedic Surgery	4	0	2	1	41	79	10	9	11	45	0	1	203
- Plastic Surgery	0	0	1	1	8	19	6	3	2	9	0	0	49
- Urology	2	0	5	8	22	54	5	5	8	13	0	0	122
<b>Total - Surgical Specialists</b>	<b>36</b>	<b>4</b>	<b>58</b>	<b>37</b>	<b>300</b>	<b>700</b>	<b>76</b>	<b>79</b>	<b>114</b>	<b>296</b>	<b>1</b>	<b>1</b>	<b>1,702</b>
<b>4.0 Medical Scientists</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>3</b>	<b>16</b>	<b>5</b>	<b>1</b>	<b>3</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>31</b>
<b>Total - All Specialists</b>	<b>143</b>	<b>17</b>	<b>269</b>	<b>108</b>	<b>1,009</b>	<b>3,184</b>	<b>224</b>	<b>252</b>	<b>548</b>	<b>1,170</b>	<b>1</b>	<b>4</b>	<b>6,929</b>
<b>Total - All Physicians</b>	<b>386</b>	<b>30</b>	<b>503</b>	<b>247</b>	<b>1,816</b>	<b>5,230</b>	<b>628</b>	<b>810</b>	<b>1,369</b>	<b>2,174</b>	<b>10</b>	<b>13</b>	<b>13,216</b>

Source: SMDB, CIHI

**Notes:** Specialty allocation is by latest acquired certified specialty. Internal Medicine includes sub-specialties. Excludes residents.

Figures for Canadian and Foreign graduates combined will not equal figures for total physicians because there were 158 cases where place of M.D. graduation was not specified. Includes physicians in clinical and/or non-clinical practice.

Data as of December 1999.

Table 5.0

## Physicians by Specialty and Sub-specialty and Province/Territory, Canada, 1999

Specialty	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Y.T.	N.W.T.	Canada
Anesthesia	32	6	91	45	567	867	95	65	211	352	1	0	2,332
Cardio/Thoracic Surgery	4	0	12	6	77	112	11	10	22	35	0	0	289
Community Medicine	1	0	6	1	178	103	15	10	20	37	0	3	374
Dermatology	5	1	12	7	184	185	9	5	36	60	0	0	504
Emergency Medicine	2	1	9	3	52	120	9	0	48	74	0	0	318
Family Medicine													
Emergency Family Medicine	1	2	33	18	123	384	20	10	105	138	2	4	840
Family Medicine	145	33	276	231	1,765	4,046	307	213	1,081	1,217	16	15	9,345
General Surgery													
General Surgery	26	8	55	35	522	581	65	51	123	173	2	3	1,644
Pediatric General Surgery	2	0	3	0	14	17	4	3	6	4	0	0	53
Vascular Surgery	1	1	8	8	30	64	6	5	9	24	0	0	156
Internal Medicine													
Cardiology	9	1	30	12	360	309	10	14	63	64	0	0	872
Immunology & Allergy	1	0	1	0	46	29	7	1	5	9	0	0	99
Endocrinology	5	0	4	3	143	101	6	5	21	21	0	0	309
Gastroenterology	6	1	14	8	158	139	7	4	39	37	0	0	413
General Internal Medicine	36	9	93	37	438	1,060	121	64	221	280	0	1	2,360
Geriatrics	1	0	7	1	43	65	6	1	13	26	0	0	163
Hematology	3	1	8	1	72	118	8	5	12	25	0	0	253
Infectious Diseases	0	0	6	3	23	52	13	6	29	14	0	0	146
Nephrology	4	0	9	4	121	94	9	6	21	23	0	0	291
Medical Oncology	0	1	5	3	123	90	3	3	21	37	0	0	286
Respiratory Diseases	3	1	10	3	180	153	7	10	44	59	0	0	470
Rheumatology	4	0	8	6	75	108	7	6	24	34	0	0	272
Medical Biochemistry	0	0	3	0	50	24	0	3	1	12	0	0	93
Medical Genetics	1	0	1	0	17	10	4	1	8	5	0	0	47
Medical Microbiology	3	1	2	3	138	45	4	4	9	23	0	0	232
Medical Scientist	0	0	2	0	13	27	6	1	4	6	0	0	59
Neurology													
Electroencephalography	0	0	0	0	103	7	0	0	0	1	0	0	111
Neurology	9	1	20	9	105	228	16	12	61	93	0	0	554
Neurosurgery	3	0	7	6	59	85	6	7	19	33	0	0	225
Nuclear Medicine	2	0	4	3	87	74	8	3	15	22	0	0	218
Obstetrics & Gynecology	24	6	42	30	410	664	61	38	124	186	1	2	1,588
Occupational Medicine	0	0	0	0	6	22	2	0	8	5	0	0	43
Ophthalmology	11	4	41	26	289	406	28	23	84	172	0	1	1,085
Orthopedic Surgery	17	3	28	27	301	411	36	25	106	159	0	2	1,115
Otolaryngology	8	1	21	14	203	217	20	13	36	73	0	2	608
Pathology													
Anatomical Pathology	18	0	23	17	145	246	27	25	61	77	0	0	639
Hematological Pathology	0	0	4	1	6	17	1	3	6	11	0	0	49
Neuropathology	1	0	2	0	1	18	1	0	5	4	0	0	32
Pathology	9	5	8	4	66	142	11	14	50	88	0	0	397
Pediatrics													
Pediatric Cardiology	1	0	2	0	5	8	1	1	3	5	0	0	26
Pediatrics	35	8	68	24	554	842	109	39	200	227	1	2	2,109
Physical Medicine & Rehab	3	1	11	7	77	135	12	9	22	42	0	0	319
Plastic Surgery	2	2	11	12	123	174	13	15	36	62	0	0	450
Psychiatry	36	7	116	34	948	1,706	134	43	247	513	1	1	3,786
Public Health	0	0	0	0	3	2	0	0	1	2	0	0	8
Radiology													
Diagnostic Radiology	31	6	79	44	505	690	64	49	182	234	0	2	1,886
Therapeutic Radiology	4	0	8	8	68	128	4	6	27	49	0	0	302
Urology	6	1	21	22	151	219	22	17	41	67	0	0	567
<b>Total Physicians</b>	<b>515</b>	<b>112</b>	<b>1,224</b>	<b>726</b>	<b>9,727</b>	<b>15,344</b>	<b>1,335</b>	<b>848</b>	<b>3,530</b>	<b>4,914</b>	<b>24</b>	<b>38</b>	<b>38,337</b>

Source: SMDB, CIHI

**Notes:** Specialty allocation is by latest acquired certified specialty.  
Excludes residents.  
Includes physicians in clinical and/or non-clinical practice.  
Data as of December 1999.

Table 6.0

**Physicians by Physician Type, Years Since M.D. Graduation and Province/Territory,  
Canada, 1999**

	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Y.T.	N.W.T.	Canada
<b>Family Medicine</b>	<b>558</b>	<b>103</b>	<b>956</b>	<b>687</b>	<b>7,755</b>	<b>9,811</b>	<b>1,047</b>	<b>947</b>	<b>2,627</b>	<b>4,266</b>	<b>36</b>	<b>45</b>	<b>28,838</b>
Fewer than 11 years	135	22	231	178	1,761	2,297	267	233	689	1,039	6	18	6,876
11 to 15	93	13	175	115	1,297	1,557	171	138	411	815	6	7	4,798
16 to 20	92	11	147	111	1,347	1,551	235	134	458	616	8	10	4,720
21 to 25	99	16	153	98	1,402	1,318	118	107	380	659	8	3	4,361
26 to 30	67	17	104	79	876	1,159	77	119	304	523	6	1	3,332
31 to 35	39	13	46	41	458	845	74	87	168	307	1	2	2,081
36 and over years	33	11	100	65	614	1,084	105	129	217	307	1	4	2,670
<b>Specialists</b>	<b>369</b>	<b>77</b>	<b>915</b>	<b>477</b>	<b>7,839</b>	<b>10,914</b>	<b>1,008</b>	<b>625</b>	<b>2,344</b>	<b>3,559</b>	<b>6</b>	<b>19</b>	<b>28,152</b>
Fewer than 11 years	62	6	146	79	1,220	1,653	140	86	419	435	0	3	4,249
11 to 15	48	10	156	78	1,101	1,473	153	97	326	510	1	5	3,958
16 to 20	79	20	147	75	1,085	1,821	187	110	454	619	0	4	4,601
21 to 25	51	11	158	57	934	1,631	133	90	393	544	3	2	4,007
26 to 30	46	12	106	64	980	1,220	126	70	268	518	2	3	3,415
31 to 35	27	8	79	62	995	1,103	81	66	188	398	0	1	3,008
36 and over years	56	10	123	62	1,524	2,013	188	106	296	535	0	1	4,914
<b>Total All Physicians</b>	<b>927</b>	<b>180</b>	<b>1,871</b>	<b>1,164</b>	<b>15,594</b>	<b>20,725</b>	<b>2,055</b>	<b>1,572</b>	<b>4,971</b>	<b>7,825</b>	<b>42</b>	<b>64</b>	<b>56,990</b>
Fewer than 11 years	197	28	377	257	2,981	3,950	407	319	1,108	1,474	6	21	11,125
11 to 15	141	23	331	193	2,398	3,030	324	235	737	1,325	7	12	8,756
16 to 20	171	31	294	186	2,432	3,372	422	244	912	1,235	8	14	9,321
21 to 25	150	27	311	155	2,336	2,949	251	197	773	1,203	11	5	8,368
26 to 30	113	29	210	143	1,856	2,379	203	189	572	1,041	8	4	6,747
31 to 35	66	21	125	103	1,453	1,948	155	153	356	705	1	3	5,089
36 and over years	89	21	223	127	2,138	3,097	293	235	513	842	1	5	7,584
<b>Percent Distribution</b>													
<b>Family Medicine</b>	<b>60.2</b>	<b>57.2</b>	<b>51.1</b>	<b>59.0</b>	<b>49.7</b>	<b>47.3</b>	<b>50.9</b>	<b>60.2</b>	<b>52.8</b>	<b>54.5</b>	<b>85.7</b>	<b>70.3</b>	<b>50.6</b>
Fewer than 11 years	14.6	12.2	12.3	15.3	11.3	11.1	13.0	14.8	13.9	13.3	14.3	28.1	12.1
11 to 15	10.0	7.2	9.4	9.9	8.3	7.5	8.3	8.8	8.3	10.4	14.3	10.9	8.4
16 to 20	9.9	6.1	7.9	9.5	8.6	7.5	11.4	8.5	9.2	7.9	19.0	15.6	8.3
21 to 25	10.7	8.9	8.2	8.4	9.0	6.4	5.7	6.8	7.6	8.4	19.0	4.7	7.7
26 to 30	7.2	9.4	5.6	6.8	5.6	5.6	3.7	7.6	6.1	6.7	14.3	1.6	5.8
31 to 35	4.2	7.2	2.5	3.5	2.9	4.1	3.6	5.5	3.4	3.9	2.4	3.1	3.7
36 and over years	3.6	6.1	5.3	5.6	3.9	5.2	5.1	8.2	4.4	3.9	2.4	6.3	4.7
<b>Specialists</b>	<b>39.8</b>	<b>42.8</b>	<b>48.9</b>	<b>41.0</b>	<b>50.3</b>	<b>52.7</b>	<b>49.1</b>	<b>39.8</b>	<b>47.2</b>	<b>45.5</b>	<b>14.3</b>	<b>29.7</b>	<b>49.4</b>
Fewer than 11 years	6.7	3.3	7.8	6.8	7.8	8.0	6.8	5.5	8.4	5.6	0.0	4.7	7.5
11 to 15	5.2	5.6	8.3	6.7	7.1	7.1	7.4	6.2	6.6	6.5	2.4	7.8	6.9
16 to 20	8.5	11.1	7.9	6.4	7.0	8.8	9.1	7.0	9.1	7.9	0.0	6.3	8.1
21 to 25	5.5	6.1	8.4	4.9	6.0	7.9	6.5	5.7	7.9	7.0	7.1	3.1	7.0
26 to 30	5.0	6.7	5.7	5.5	6.3	5.9	6.1	4.5	5.4	6.6	4.8	4.7	6.0
31 to 35	2.9	4.4	4.2	5.3	6.4	5.3	3.9	4.2	3.8	5.1	0.0	1.6	5.3
36 and over years	6.0	5.6	6.6	5.3	9.8	9.7	9.1	6.7	6.0	6.8	0.0	1.6	8.6
<b>Total - All Physicians</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Fewer than 11 years	21.3	15.6	20.1	22.1	19.1	19.1	19.8	20.3	22.3	18.8	14.3	32.8	19.5
11 to 15	15.2	12.8	17.7	16.6	15.4	14.6	15.8	14.9	14.8	16.9	16.7	18.8	15.4
16 to 20	18.4	17.2	15.7	16.0	15.6	16.3	20.5	15.5	18.3	15.8	19.0	21.9	16.4
21 to 25	16.2	15.0	16.6	13.3	15.0	14.2	12.2	12.5	15.6	15.4	26.2	7.8	14.7
26 to 30	12.2	16.1	11.2	12.3	11.9	11.5	9.9	12.0	11.5	13.3	19.0	6.3	11.8
31 to 35	7.1	11.7	6.7	8.8	9.3	9.4	7.5	9.7	7.2	9.0	2.4	4.7	8.9
36 and over years	9.6	11.7	11.9	10.9	13.7	14.9	14.3	14.9	10.3	10.8	2.4	7.8	13.3

Source: SMDB, CIHI

**Notes:** Figures may not total 100 percent due to rounding.  
Excludes residents.  
Includes physicians in clinical and/or non-clinical practice.  
Data as of December 1999.



Table 7.0

Physicians by Years Since and Place of M.D. Graduation, and Percent Distribution by Place of M.D. Graduation, Canada, 1999

Years Since M.D. Graduation	Place of M.D. Graduation				Total	
	Canada		Foreign			
	Counts	%	Counts	%	Counts	%
1 to 5	3,382	96.5	121	3.5	3,503	100.0
6 to 10	7,068	92.7	554	7.3	7,622	100.0
11 to 15	7,535	86.1	1,221	13.9	8,756	100.0
16 to 20	7,401	79.4	1,920	20.6	9,321	100.0
21 to 25	6,443	77.0	1,925	23.0	8,368	100.0
26 to 30	4,424	65.6	2,323	34.4	6,747	100.0
31 to 35	3,148	61.9	1,941	38.1	5,089	100.0
36 & +	4,375	57.7	3,209	42.3	7,584	100.0
Total Physicians	43,776	76.8	13,214	23.2	56,990	100.0

Source: SMDB, CIH

Source: SMDB, CIHI

Notes: Excludes residents.  
Includes physicians in clinical and/or non-clinical practice.  
Data as of December 1999.

Table 7.1

Physicians by Years Since and Place of M.D. Graduation, and Percent Distribution by Years Since M.D. Graduation, Canada, 1999

Years Since M.D. Graduation	Place of M.D. Graduation				Total	
	Canada		Foreign			
	Counts	%	Counts	%	Counts	%
1 to 5	3,382	7.7	121	0.9	3,503	6.1
6 to 10	7,068	16.1	554	4.2	7,622	13.4
11 to 15	7,535	17.2	1,221	9.2	8,756	15.4
16 to 20	7,401	16.9	1,920	14.5	9,321	16.4
21 to 25	6,443	14.7	1,925	14.6	8,368	14.7
26 to 30	4,424	10.1	2,323	17.6	6,747	11.8
31 to 35	3,148	7.2	1,941	14.7	5,089	8.9
36 & +	4,375	10.0	3,209	24.3	7,584	13.3
Total Physicians	43,776	100.0	13,214	100.0	56,990	100.0

Source: SMDB, CJIB

Source: SMDB, CIHI

Notes: Excludes residents.  
Includes physicians in clinical and/or non-clinical practice.  
Data as of December 1999.

Table 8.0

**Migration Between Province/Territories of Physicians, Including Residents, Who Were  
"Active" in Canada on December 31, 1998 and "Active" in Canada on  
December 31, 1999**

Province/Territory of Residence on December 31, 1998	Total in 1998	Province/Territory of Residence on December 31, 1999											
		Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Y.T.	N.W.T.
Nfld.	1,043	962	0	13	3	3	35	9	6	4	8	0	0
P.E.I.	170	0	169	0	0	0	1	0	0	0	0	0	0
N.S.	2,089	3	4	1,974	15	4	68	2	3	8	8	0	0
N.B.	1,177	0	0	12	1,133	7	17	3	1	1	3	0	0
Que.	16,324	0	2	10	21	16,162	107	0	4	4	14	0	0
Ont.	22,673	16	3	37	8	44	22,423	14	7	56	63	0	2
Man.	2,128	0	1	3	3	0	46	2,027	2	16	28	0	2
Sask.	1,606	0	0	2	1	1	27	6	1,522	33	13	0	1
Alta.	5,080	4	0	6	1	8	53	4	8	4,954	42	0	0
B.C.	7,848	0	3	9	4	3	48	8	6	37	7,728	0	2
Y.T.	44	0	0	0	0	0	1	0	0	0	2	40	1
N.W.T.	58	0	0	0	0	0	5	0	0	3	1	0	49
Canada	60,240	985	182	2,066	1,189	16,232	22,831	2,073	1,559	5,116	7,910	40	57

Source: SMDB, CIHI

**Notes:** December 31 totals from this source may differ from "official" totals which utilize intern resident counts supplied by CAPER.

Includes physicians in clinical and/or non-clinical practice.

"Active" means active on SMDB. Please see methodological notes for definition.

Table 8.1

**Migration Between Province/Territories of Male Physicians, Including Residents, Who Were  
"Active" in Canada on December 31, 1998 and "Active" in Canada on  
December 31, 1999**

Province/Territory of Residence on December 31, 1998	Total in 1998	Province/Territory of Residence on December 31, 1999											
		Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Y.T.	N.W.T.
Nfld.	740	685	0	9	2	1	27	6	4	2	4	0	0
P.E.I.	137	0	137	0	0	0	0	0	0	0	0	0	0
N.S.	1,436	2	2	1,353	8	1	54	1	2	7	6	0	0
N.B.	862	0	0	7	837	3	13	1	0	0	1	0	0
Que.	11,013	0	1	4	15	10,913	68	0	2	2	8	0	0
Ont.	16,099	12	2	22	4	26	15,944	8	6	36	38	0	1
Man.	1,550	0	1	2	2	0	34	1,474	1	15	20	0	1
Sask.	1,212	0	0	2	0	1	20	4	1,151	24	9	0	1
Alta.	3,629	4	0	2	0	3	38	3	4	3,545	30	0	0
B.C.	5,746	0	3	6	1	1	30	5	4	28	5,667	0	1
Y.T.	26	0	0	0	0	0	0	0	0	0	1	25	0
N.W.T.	35	0	0	0	0	0	3	0	0	2	0	0	30
Canada	42,485	703	146	1,407	869	10,949	16,231	1,502	1,174	3,661	5,784	25	34

Source: SMDB, CIHI

**Notes:** December 31 totals from this source may differ from "official" totals which utilize intern resident counts supplied by CAPER.

Includes physicians in clinical and/or non-clinical practice.

"Active" means active on SMDB. Please see methodological notes for definition.

Table 8.2

**Migration Between Province/Territories of Female Physicians, Including Residents, Who  
Were "Active" in Canada on December 31, 1998 and "Active" in Canada on  
December 31, 1999**

Province/Territory of Residence on December 31, 1998	Total in 1998	Province/Territory of Residence on December 31, 1999											
		Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Y.T.	N.W.T.
Nfld.	297	272	0	4	1	2	8	2	2	2	4	0	0
P.E.I.	33	0	32	0	0	0	1	0	0	0	0	0	0
N.S.	638	1	2	607	7	3	14	1	0	1	2	0	0
N.B.	311	0	0	5	293	4	4	1	1	1	2	0	0
Que.	5,293	0	1	6	6	5,231	39	0	2	2	6	0	0
Ont.	6,556	4	1	15	4	18	6,461	6	1	20	25	0	1
Man.	568	0	0	1	1	0	12	543	1	1	8	0	1
Sask.	386	0	0	0	1	0	7	2	363	9	4	0	0
Alta.	1,438	0	0	4	1	5	15	1	4	1,396	12	0	0
B.C.	2,094	0	0	3	3	2	18	3	2	9	2,053	0	1
Y.T.	18	0	0	0	0	0	1	0	0	0	1	15	1
N.W.T.	23	0	0	0	0	0	2	0	0	1	1	0	19
Canada	17,655	277	36	645	317	5,265	6,582	559	376	1,442	2,118	15	23

Source: SMDB, CIHI

**Notes:** December 31 totals from this source may differ from "official" totals which utilize intern resident counts supplied by CAPER.

Includes physicians in clinical and/or non-clinical practice.

"Active" means active on SMDB. Please see methodological notes for definition.

Table 9.0

**Migration Between Province/Territories of Physicians, Who Were "Active" in Canada on December 31, 1998 and December 31, 1999, and Who Were Family Medicine Physicians or Specialists on the December 31, 1998 Computer File**

Province/Territory of Residence on December 31, 1998	Total in 1998	Province/Territory of Residence on December 31, 1999											
		Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Y.T.	N.W.T.
Nfld.	889	832	0	9	0	0	27	7	6	3	5	0	0
P.E.I.	168	0	167	0	0	0	1	0	0	0	0	0	0
N.S.	1,754	2	3	1,686	8	1	37	1	3	7	6	0	0
N.B.	1,124	0	0	7	1,090	6	14	3	1	1	2	0	0
Que.	15,091	0	2	9	17	14,968	79	0	3	3	10	0	0
Ont.	19,684	12	2	28	5	30	19,515	9	5	34	42	0	2
Man.	1,944	0	1	3	2	0	29	1,869	1	14	23	0	2
Sask.	1,474	0	0	2	1	1	22	4	1,403	29	11	0	1
Alta.	4,631	3	0	4	1	4	34	1	6	4,550	28	0	0
B.C.	7,497	0	3	7	4	3	39	7	5	31	7,396	0	2
Y.T.	44	0	0	0	0	0	1	0	0	0	2	40	1
N.W.T.	58	0	0	0	0	0	5	0	0	3	1	0	49
Canada	54,358	849	178	1,755	1,128	15,013	19,803	1,901	1,433	4,675	7,526	40	57

Source: SMDB, CIHI

Includes physicians in clinical and/or non-clinical practice. "Active" means active on SMDB. Please see methodological notes for definition.

Table 9.1

**Migration Between Province/Territories of Male Physicians, Who Were "Active" in Canada on December 31, 1998 and December 31, 1999, and Who Were Family Medicine Physicians or Specialists on the December 31, 1998 Computer File**

Province/Territory of Residence on December 31, 1998	Total in 1998	Province/Territory of Residence on December 31, 1999											
		Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Y.T.	N.W.T.
Nfld.	661	619	0	7	0	0	22	4	4	2	3	0	0
P.E.I.	137	0	137	0	0	0	0	0	0	0	0	0	0
N.S.	1,237	2	2	1,184	4	0	33	0	2	6	4	0	0
N.B.	842	0	0	6	821	2	11	1	0	0	1	0	0
Que.	10,393	0	1	4	12	10,315	53	0	1	2	5	0	0
Ont.	14,214	10	1	18	3	19	14,104	6	5	22	25	0	1
Man.	1,433	0	1	2	1	0	24	1,374	1	13	16	0	1
Sask.	1,133	0	0	2	0	1	17	3	1,080	22	7	0	1
Alta.	3,377	3	0	2	0	2	25	0	4	3,318	23	0	0
B.C.	5,540	0	3	4	1	1	27	4	4	24	5,471	0	1
Y.T.	26	0	0	0	0	0	0	0	0	0	1	25	0
N.W.T.	35	0	0	0	0	0	3	0	0	2	0	0	30
Canada	39,028	634	145	1,229	842	10,340	14,319	1,392	1,101	3,411	5,556	25	34

Source: SMDB, CIHI

Includes physicians in clinical and/or non-clinical practice. "Active" means active on SMDB. Please see methodological notes for definition.

Table 9.2

**Migration Between Province/Territories of Female Physicians, Who Were "Active" in Canada on December 31, 1998 and December 31, 1999, and Who Were Family Medicine Physicians or Specialists on the December 31, 1998 Computer File**

Province/Territory of Residence on December 31, 1998	Total in 1998	Province/Territory of Residence on December 31, 1999											
		Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Y.T.	N.W.T.
Nfld.	225	211	0	2	0	0	5	2	2	1	2	0	0
P.E.I.	31	0	30	0	0	0	1	0	0	0	0	0	0
N.S.	511	0	1	497	4	1	4	1	0	1	2	0	0
N.B.	279	0	0	1	267	4	3	1	1	1	1	0	0
Que.	4,695	0	1	5	5	4,650	26	0	2	1	5	0	0
Ont.	5,467	2	1	10	2	11	5,408	3	0	12	17	0	1
Man.	504	0	0	1	1	0	5	488	0	1	7	0	1
Sask.	334	0	0	0	1	0	5	1	316	7	4	0	0
Alta.	1,251	0	0	2	1	2	9	1	2	1,229	5	0	0
B.C.	1,952	0	0	3	3	2	12	3	1	7	1,920	0	1
Y.T.	18	0	0	0	0	0	1	0	0	0	1	15	1
N.W.T.	23	0	0	0	0	0	2	0	0	1	1	0	19
Canada	15,290	213	33	521	284	4,670	5,481	500	324	1,261	1,965	15	23

Source: SMDB, CIHI

**Notes:** Includes physicians in clinical and/or non-clinical practice. "Active" means active on SMDB. Please see methodological notes for definition.

Table 10.0

**Migration Between Province/Territories of Physicians, Who Were "Active" in Canada on December 31, 1998 and December 31, 1999, and Who Were Family Medicine Physicians on the December 31, 1998 Computer File**

Province/Territory of Residence on December 31, 1998	Total in 1998	Province/Territory of Residence on December 31, 1999											
		Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Y.T.	N.W.T.
Nfld.	536	505	0	3	0	0	13	5	6	2	2	0	0
P.E.I.	94	0	94	0	0	0	0	0	0	0	0	0	0
N.S.	913	2	1	889	6	0	11	0	2	0	2	0	0
N.B.	656	0	0	5	643	2	4	1	0	0	1	0	0
Que.	7,520	0	2	1	9	7,469	33	0	2	0	4	0	0
Ont.	9,410	5	1	7	0	12	9,352	4	2	10	16	0	1
Man.	969	0	1	2	1	0	13	932	0	7	12	0	1
Sask.	865	0	0	1	0	1	8	2	829	18	6	0	0
Alta.	2,429	0	0	1	0	1	7	0	2	2,400	18	0	0
B.C.	4,115	0	2	3	3	1	21	5	2	20	4,056	0	2
Y.T.	38	0	0	0	0	0	1	0	0	0	2	34	1
N.W.T.	43	0	0	0	0	0	5	0	0	3	1	0	34
Canada	27,588	512	101	912	662	7,486	9,468	949	845	2,460	4,120	34	39

Source: SMDB, CIHI

**Notes:** Includes physicians in clinical and/or non-clinical practice. "Active" means active on SMDB. Please see methodological notes for definition.

Table 10.1

**Migration Between Province/Territories of Male Physicians, Who Were "Active" in Canada on December 31, 1998 and December 31, 1999, and Who Were Family Medicine Physicians on the December 31, 1998 Computer File**

Province/Territory of Residence on December 31, 1998	Total in 1998	Province/Territory of Residence on December 31, 1999											
		Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Y.T.	N.W.T.
Nfld.	388	366	0	2	0	0	11	2	4	1	2	0	0
P.E.I.	76	0	76	0	0	0	0	0	0	0	0	0	0
N.S.	577	2	0	560	3	0	11	0	1	0	0	0	0
N.B.	450	0	0	4	443	1	2	0	0	0	0	0	0
Que.	4,667	0	1	0	5	4,635	22	0	1	0	3	0	0
Ont.	6,353	4	0	4	0	7	6,320	3	2	4	8	0	1
Man.	681	0	1	1	0	0	9	654	0	7	8	0	1
Sask.	647	0	0	1	0	1	6	1	622	12	4	0	0
Alta.	1,627	0	0	0	0	0	4	0	2	1,606	15	0	0
B.C.	2,829	0	2	1	1	1	10	2	1	16	2,794	0	1
Y.T.	21	0	0	0	0	0	0	0	0	0	1	20	0
N.W.T.	23	0	0	0	0	0	3	0	0	2	0	0	18
Canada	18,339	372	80	573	452	4,645	6,398	662	633	1,648	2,835	20	21

Source: SMDB, CIHI

**Notes:** Male physicians added to female physicians may not equal totals as there are some records where gender of physician is unknown. Includes physicians in clinical and/or non-clinical practice. "Active" means active on SMDB. Please see methodological notes for definition.

Table 10.2

**Migration Between Province/Territories of Female Physicians, Who Were "Active" in  
Canada on December 31, 1998 and December 31, 1999, and Who Were Family  
Medicine Physicians on the December 31, 1998 Computer File**

Province/Territory of Residence on December 31, 1998	Total in 1998	Province/Territory of Residence on December 31, 1999											
		Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Y.T.	N.W.T.
Nfld.	145	137	0	1	0	0	2	2	2	1	0	0	0
P.E.I.	18	0	18	0	0	0	0	0	0	0	0	0	0
N.S.	330	0	1	324	3	0	0	0	0	0	2	0	0
N.B.	203	0	0	1	198	1	2	0	0	0	1	0	0
Que.	2,850	0	1	1	4	2,831	11	0	1	0	1	0	0
Ont.	3,056	1	1	3	0	5	3,031	1	0	6	8	0	0
Man.	281	0	0	1	1	0	4	271	0	0	4	0	0
Sask.	211	0	0	0	0	0	2	1	200	6	2	0	0
Alta.	799	0	0	1	0	1	3	0	0	791	3	0	0
B.C.	1,281	0	0	2	2	0	11	3	1	4	1,257	0	1
Y.T.	17	0	0	0	0	0	1	0	0	0	1	14	1
N.W.T.	20	0	0	0	0	0	2	0	0	1	1	0	16
<b>Canada</b>	<b>9,211</b>	<b>138</b>	<b>21</b>	<b>334</b>	<b>208</b>	<b>2,838</b>	<b>3,069</b>	<b>278</b>	<b>204</b>	<b>809</b>	<b>1,280</b>	<b>14</b>	<b>18</b>

Source: SMDB, CIHI

**Notes:** Male physicians added to female physicians may not equal totals as there are some records where gender of physician is unknown. Includes physicians in clinical and/or non-clinical practice. "Active" means active on SMDB. Please see methodological notes for definition.

Table 11.0

**Migration Between Province/Territories of Physicians, Who Were "Active" in Canada on December 31, 1998 and December 31, 1999, and Who Were Specialists on the December 31, 1998 Computer File**

Province/Territory of Residence on December 31, 1998	Total in 1998	Province/Territory of Residence on December 31, 1999											
		Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Y.T.	N.W.T.
Nfld.	353	327	0	6	0	0	14	2	0	1	3	0	0
P.E.I.	74	0	73	0	0	0	1	0	0	0	0	0	0
N.S.	841	0	2	797	2	1	26	1	1	7	4	0	0
N.B.	468	0	0	2	447	4	10	2	1	1	1	0	0
Que.	7,571	0	0	8	8	7,499	46	0	1	3	6	0	0
Ont.	10,274	7	1	21	5	18	10,163	5	3	24	26	0	1
Man.	975	0	0	1	1	0	16	937	1	7	11	0	1
Sask.	609	0	0	1	1	0	14	2	574	11	5	0	1
Alta.	2,202	3	0	3	1	3	27	1	4	2,150	10	0	0
B.C.	3,382	0	1	4	1	2	18	2	3	11	3,340	0	0
Y.T.	6	0	0	0	0	0	0	0	0	0	0	6	0
N.W.T.	15	0	0	0	0	0	0	0	0	0	0	0	15
Canada	26,770	337	77	843	466	7,527	10,335	952	588	2,215	3,406	6	18

Source: SMDB, CIHI

**Notes:** Includes physicians in clinical and/or non-clinical practice. "Active" means active on SMDB. Please see methodological notes for definition.

Table 11.1

**Migration Between Province/Territories of Male Physicians, Who Were "Active" in Canada on December 31, 1998 and December 31, 1999, and Who Were Specialists on the December 31, 1998 Computer File**

Province/Territory of Residence on December 31, 1998	Total in 1998	Province/Territory of Residence on December 31, 1999											
		Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Y.T.	N.W.T.
Nfld.	273	253	0	5	0	0	11	2	0	1	1	0	0
P.E.I.	61	0	61	0	0	0	0	0	0	0	0	0	0
N.S.	660	0	2	624	1	0	22	0	1	6	4	0	0
N.B.	392	0	0	2	378	1	9	1	0	0	1	0	0
Que.	5,726	0	0	4	7	5,680	31	0	0	2	2	0	0
Ont.	7,861	6	1	14	3	12	7,784	3	3	18	17	0	0
Man.	752	0	0	1	1	0	15	720	1	6	8	0	0
Sask.	486	0	0	1	0	0	11	2	458	10	3	0	1
Alta.	1,750	3	0	2	0	2	21	0	2	1,712	8	0	0
B.C.	2,711	0	1	3	0	0	17	2	3	8	2,677	0	0
Y.T.	5	0	0	0	0	0	0	0	0	0	0	5	0
N.W.T.	12	0	0	0	0	0	0	0	0	0	0	0	12
Canada	20,689	262	65	656	390	5,695	7,921	730	468	1,763	2,721	5	13

Source: SMDB, CIHI

**Notes:** Male physicians added to female physicians may not equal totals as there are some records where gender of physician is unknown. Includes physicians in clinical and/or non-clinical practice. "Active" means active on SMDB. Please see methodological notes for definition.



Table 11.2

**Migration Between Province/Territories of Female Physicians, Who Were "Active" in  
Canada on December 31, 1998 and December 31, 1999, and Who Were  
Specialists on the December 31, 1998 Computer File**

Province/Territory of Residence on December 31, 1998	Total in 1998	Province/Territory of Residence on December 31, 1999											
		Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Y.T.	N.W.T.
Nfld.	80	74	0	1	0	0	3	0	0	0	2	0	0
P.E.I.	13	0	12	0	0	0	1	0	0	0	0	0	0
N.S.	181	0	0	173	1	1	4	1	0	1	0	0	0
N.B.	76	0	0	0	69	3	1	1	1	1	0	0	0
Que.	1,845	0	0	4	1	1,819	15	0	1	1	4	0	0
Ont.	2,411	1	0	7	2	6	2,377	2	0	6	9	0	1
Man.	223	0	0	0	0	0	1	217	0	1	3	0	1
Sask.	123	0	0	0	1	0	3	0	116	1	2	0	0
Alta.	452	0	0	1	1	1	6	1	2	438	2	0	0
B.C.	671	0	0	1	1	2	1	0	0	3	663	0	0
Y.T.	1	0	0	0	0	0	0	0	0	0	0	1	0
N.W.T.	3	0	0	0	0	0	0	0	0	0	0	0	3
<b>Canada</b>	<b>6,079</b>	<b>75</b>	<b>12</b>	<b>187</b>	<b>76</b>	<b>1,832</b>	<b>2,412</b>	<b>222</b>	<b>120</b>	<b>452</b>	<b>685</b>	<b>1</b>	<b>5</b>

Source: SMDB, CIHI

**Notes:** Male physicians added to female physicians may not equal totals as there are some records where gender of physician is unknown. Includes physicians in clinical and/or non-clinical practice. "Active" means active on SMDB. Please see methodological notes for definition.

Table 12.0

**Physicians Who Moved Inter-provincially in 1999, by Type of Physician, Gender and Province/Territory, Canada**

Physician Type	Province/Territory of Residence on December 31, 1998												
Gender	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Y.T.	N.W.T.	Canada
<b>Family Medicine</b>	<b>31</b>	<b>0</b>	<b>24</b>	<b>13</b>	<b>51</b>	<b>58</b>	<b>37</b>	<b>36</b>	<b>29</b>	<b>59</b>	<b>4</b>	<b>9</b>	<b>351</b>
Female	8	0	6	5	19	25	10	11	8	24	3	4	123
Male	22	0	17	7	32	33	27	25	21	35	1	5	225
Unknown	1	0	1	1	0	0	0	0	0	0	0	0	3
<b>Specialist</b>	<b>26</b>	<b>1</b>	<b>44</b>	<b>21</b>	<b>72</b>	<b>111</b>	<b>38</b>	<b>35</b>	<b>52</b>	<b>42</b>	<b>0</b>	<b>0</b>	<b>442</b>
Female	6	1	8	7	26	34	6	7	14	8	0	0	117
Male	20	0	36	14	46	77	32	28	38	34	0	0	325
Unknown	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Resident</b>	<b>24</b>	<b>0</b>	<b>47</b>	<b>10</b>	<b>39</b>	<b>81</b>	<b>26</b>	<b>13</b>	<b>45</b>	<b>19</b>	<b>0</b>	<b>0</b>	<b>304</b>
Female	11	0	17	6	17	36	9	5	20	9	0	0	130
Male	13	0	30	4	22	45	17	8	25	10	0	0	174
Unknown	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total - All Physicians</b>	<b>81</b>	<b>1</b>	<b>115</b>	<b>44</b>	<b>162</b>	<b>250</b>	<b>101</b>	<b>84</b>	<b>126</b>	<b>120</b>	<b>4</b>	<b>9</b>	<b>1,097</b>
Female	25	1	31	18	62	95	25	23	42	41	3	4	370
Male	55	0	83	25	100	155	76	61	84	79	1	5	724
Unknown	1	0	1	1	0	0	0	0	0	0	0	0	3

Source: SMDB, CIHI

**Notes:** Physician characteristics, type, gender, and Province/Territory are based on the physician record in 1998.  
Includes physicians in clinical and/or non-clinical practice.

Table 13.0

**Physicians Who Moved Inter-provincially in 1999, by Place of, Years Since, M.D.  
Graduation, and Province/Territory, Canada**

Place of M.D. Grad.	Province/Territory of Residence on December 31, 1998												Canada
	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Y.T.	N.W.T.	
<b>Years Since M.D. Grad.</b>													
<b>Canada</b>	<b>40</b>	<b>1</b>	<b>89</b>	<b>31</b>	<b>136</b>	<b>219</b>	<b>73</b>	<b>39</b>	<b>101</b>	<b>108</b>	<b>4</b>	<b>6</b>	<b>847</b>
0-10	34	0	74	20	96	156	49	27	84	75	3	4	622
11-15	2	1	4	10	8	20	10	4	6	13	1	2	81
16-20	3	0	6	1	8	21	6	2	5	9	0	0	61
21-25	1	0	1	0	11	8	2	0	4	2	0	0	29
26-30	0	0	2	0	8	5	4	4	1	3	0	0	27
31-35	0	0	0	0	3	3	2	1	0	2	0	0	11
> 35	0	0	2	0	2	6	0	1	1	4	0	0	16
Unknown	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Foreign</b>	<b>41</b>	<b>0</b>	<b>26</b>	<b>13</b>	<b>26</b>	<b>31</b>	<b>28</b>	<b>45</b>	<b>25</b>	<b>12</b>	<b>0</b>	<b>3</b>	<b>250</b>
0-10	5	0	4	2	4	7	5	10	6	2	0	1	46
11-15	12	0	10	2	4	11	9	13	8	3	0	0	72
16-20	15	0	6	3	7	7	10	10	5	3	0	0	66
21-25	5	0	1	4	3	0	2	3	3	3	0	1	25
26-30	1	0	3	1	5	3	2	4	2	0	0	0	21
31-35	1	0	0	0	1	3	0	3	1	0	0	0	9
> 35	2	0	2	1	2	0	0	2	0	1	0	1	11
Unknown	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total - All Physicians</b>	<b>81</b>	<b>1</b>	<b>115</b>	<b>44</b>	<b>162</b>	<b>250</b>	<b>101</b>	<b>84</b>	<b>126</b>	<b>120</b>	<b>4</b>	<b>9</b>	<b>1,097</b>
0-10	39	0	78	22	100	163	54	37	90	77	3	5	668
11-15	14	1	14	12	12	31	19	17	14	16	1	2	153
16-20	18	0	12	4	15	28	16	12	10	12	0	0	127
21-25	6	0	2	4	14	8	4	3	7	5	0	1	54
26-30	1	0	5	1	13	8	6	8	3	3	0	0	48
31-35	1	0	0	0	4	6	2	4	1	2	0	0	20
> 35	2	0	4	1	4	6	0	3	1	5	0	1	27
Unknown	0	0	0	0	0	0	0	0	0	0	0	0	0

Source: SMDB, CIHI

**Notes:** Physician characteristics, place of graduation, years since graduation, and Province/Territory are based on the physician record in 1998.

Includes physicians in clinical and/or non-clinical practice.

Table 14.0

## Physicians Who Moved Abroad By Specialty and Province/Territory, Canada, 1999

	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Y.T.	N.W.T.	Canada
<b>1.0 Family Medicine</b>	<b>3</b>	<b>2</b>	<b>8</b>	<b>0</b>	<b>22</b>	<b>66</b>	<b>11</b>	<b>9</b>	<b>26</b>	<b>35</b>	<b>0</b>	<b>0</b>	<b>182</b>
<b>2.0 Medical Specialists</b>													
<b>2.1 Clinical Specialists</b>													
- Internal Medicine	0	0	3	0	16	33	3	1	4	13	0	0	73
- Medical Genetics	0	0	1	0	1	0	0	0	0	0	0	0	2
- Dermatology	0	0	0	0	1	3	0	0	0	0	0	0	4
- Neurology	0	0	0	0	2	6	0	1	0	0	0	0	9
- Paediatrics	0	0	0	0	6	14	3	0	1	2	0	0	26
- Physical Medicine & Rehab.	0	0	0	0	0	3	0	0	0	0	0	0	3
- Psychiatry	0	0	4	0	7	18	2	0	1	5	0	0	37
- Public Health	0	0	0	0	0	4	0	0	0	0	0	0	4
- Emergency Medicine	0	0	0	0	1	2	0	0	1	3	0	0	7
- Occupational Medicine	0	0	0	0	0	1	0	0	1	0	0	0	2
- Anaesthesia	0	0	2	0	6	9	0	0	1	1	0	0	19
- Nuclear Medicine	0	0	0	0	1	0	0	0	0	0	0	0	1
- Radiology - Diagnostic	0	0	0	0	6	6	2	1	0	4	0	0	19
- Radiology - Therapeutic	0	0	0	0	0	9	1	0	0	0	0	0	10
<b>Total - Clinical Specialists</b>	<b>0</b>	<b>0</b>	<b>10</b>	<b>0</b>	<b>47</b>	<b>108</b>	<b>11</b>	<b>3</b>	<b>9</b>	<b>28</b>	<b>0</b>	<b>0</b>	<b>216</b>
<b>2.2 Laboratory Specialists</b>													
- Medical Biochemistry	0	0	0	0	1	0	0	0	0	0	0	0	1
- Medical Microbiology	0	0	1	0	1	1	0	0	0	0	0	0	3
- Pathology	2	0	0	0	3	9	3	0	1	2	0	0	20
<b>Total - Laboratory Specialists</b>	<b>2</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>5</b>	<b>10</b>	<b>3</b>	<b>0</b>	<b>1</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>24</b>
<b>Total - Medical Specialists</b>	<b>2</b>	<b>0</b>	<b>11</b>	<b>0</b>	<b>52</b>	<b>118</b>	<b>14</b>	<b>3</b>	<b>10</b>	<b>30</b>	<b>0</b>	<b>0</b>	<b>240</b>
<b>3.0 Surgical Specialists</b>													
- General Surgery	1	0	3	0	4	15	0	0	4	4	0	0	31
- Cardio & Thoracic Surgery	0	0	0	0	3	8	0	0	0	1	0	0	12
- Neurosurgery	0	0	1	0	2	5	0	1	2	0	0	0	11
- Obstetrics-Gynecology	0	0	5	0	5	13	2	0	3	0	0	0	28
- Ophthalmology	1	0	0	0	4	3	1	1	1	4	0	0	15
- Otolaryngology	0	0	2	0	2	3	0	0	0	1	0	0	8
- Orthopedic Surgery	0	0	0	1	5	19	0	1	1	4	0	0	31
- Plastic Surgery	0	0	0	0	1	5	0	0	0	2	0	0	8
- Urology	0	0	2	0	2	8	2	1	2	1	0	0	18
<b>Total - Surgical Specialists</b>	<b>2</b>	<b>0</b>	<b>13</b>	<b>1</b>	<b>28</b>	<b>79</b>	<b>5</b>	<b>4</b>	<b>13</b>	<b>17</b>	<b>0</b>	<b>0</b>	<b>162</b>
<b>4.0 - Medical Scientists</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>
<b>Total - All Specialists</b>	<b>4</b>	<b>0</b>	<b>24</b>	<b>1</b>	<b>80</b>	<b>198</b>	<b>19</b>	<b>7</b>	<b>23</b>	<b>47</b>	<b>0</b>	<b>0</b>	<b>403</b>
<b>Total - All Physicians</b>	<b>7</b>	<b>2</b>	<b>32</b>	<b>1</b>	<b>102</b>	<b>264</b>	<b>30</b>	<b>16</b>	<b>49</b>	<b>82</b>	<b>0</b>	<b>0</b>	<b>585</b>

Source: SMDB, CIHI

Notes: Excludes residents.

Includes physicians in clinical and/or non-clinical practice.

Table 14.1

## Male Physicians Who Moved Abroad By Specialty and Province/Territory, Canada, 1999

	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Y.T.	N.W.T.	Canada
<b>1.0 Family Medicine</b>	2	2	7	0	14	43	9	5	15	21	0	0	118
<b>2.0 Medical Specialists</b>													
<b>2.1 Clinical Specialists</b>													
- Internal Medicine	0	0	2	0	13	22	3	0	2	6	0	0	48
- Medical Genetics	0	0	1	0	1	0	0	0	0	0	0	0	2
- Dermatology	0	0	0	0	0	3	0	0	0	0	0	0	3
- Neurology	0	0	0	0	2	4	0	1	0	0	0	0	7
- Paediatrics	0	0	0	0	5	5	3	0	1	2	0	0	16
- Physical Medicine & Rehab.	0	0	0	0	0	3	0	0	0	0	0	0	3
- Psychiatry	0	0	0	0	1	9	1	0	0	3	0	0	14
- Public Health	0	0	0	0	0	2	0	0	0	0	0	0	2
- Emergency Medicine	0	0	0	0	1	1	0	0	1	3	0	0	6
- Occupational Medicine	0	0	0	0	0	1	0	0	1	0	0	0	2
- Anaesthesia	0	0	1	0	5	8	0	0	1	1	0	0	16
- Nuclear Medicine	0	0	0	0	1	0	0	0	0	0	0	0	1
- Radiology - Diagnostic	0	0	0	0	4	6	0	0	0	3	0	0	13
- Radiology - Therapeutic	0	0	0	0	0	4	0	0	0	0	0	0	4
<b>Total - Clinical Specialists</b>	<b>0</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>33</b>	<b>68</b>	<b>7</b>	<b>1</b>	<b>6</b>	<b>18</b>	<b>0</b>	<b>0</b>	<b>137</b>
<b>2.2 Laboratory Specialists</b>													
- Medical Biochemistry	0	0	0	0	1	0	0	0	0	0	0	0	1
- Medical Microbiology	0	0	1	0	1	0	0	0	0	0	0	0	2
- Pathology	1	0	0	0	3	5	3	0	1	2	0	0	15
<b>Total - Laboratory Specialists</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>5</b>	<b>5</b>	<b>3</b>	<b>0</b>	<b>1</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>18</b>
<b>Total - Medical Specialists</b>	<b>1</b>	<b>0</b>	<b>5</b>	<b>0</b>	<b>38</b>	<b>73</b>	<b>10</b>	<b>1</b>	<b>7</b>	<b>20</b>	<b>0</b>	<b>0</b>	<b>155</b>
<b>3.0 Surgical Specialists</b>													
- General Surgery	1	0	2	0	4	13	0	0	4	3	0	0	27
- Cardio & Thoracic Surgery	0	0	0	0	3	7	0	0	0	1	0	0	11
- Neurosurgery	0	0	1	0	2	5	0	1	2	0	0	0	11
- Obstetrics-Gynecology	0	0	1	0	2	5	2	0	3	0	0	0	13
- Ophthalmology	1	0	0	0	3	3	1	0	0	4	0	0	12
- Otolaryngology	0	0	1	0	1	3	0	0	0	1	0	0	6
- Orthopedic Surgery	0	0	0	1	5	18	0	1	1	4	0	0	30
- Plastic Surgery	0	0	0	0	1	5	0	0	0	2	0	0	8
- Urology	0	0	2	0	2	7	2	1	1	1	0	0	16
<b>Total - Surgical Specialists</b>	<b>2</b>	<b>0</b>	<b>7</b>	<b>1</b>	<b>23</b>	<b>66</b>	<b>5</b>	<b>3</b>	<b>11</b>	<b>16</b>	<b>0</b>	<b>0</b>	<b>134</b>
<b>4.0 - Medical Scientists</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>
<b>Total - All Specialists</b>	<b>3</b>	<b>0</b>	<b>12</b>	<b>1</b>	<b>61</b>	<b>140</b>	<b>15</b>	<b>4</b>	<b>18</b>	<b>36</b>	<b>0</b>	<b>0</b>	<b>290</b>
<b>Total - All Physicians</b>	<b>5</b>	<b>2</b>	<b>19</b>	<b>1</b>	<b>75</b>	<b>183</b>	<b>24</b>	<b>9</b>	<b>33</b>	<b>57</b>	<b>0</b>	<b>0</b>	<b>408</b>

Source: SMDB, CIHI

**Notes:** Excludes residents.

Figures for males and females combined will not equal figures for total physicians moving abroad because there was one case where gender was not stated.

Includes physicians in clinical and/or non-clinical practice.

Table 14.2

## Female Physicians Who Moved Abroad By Specialty and Province/Territory, Canada, 1999

	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Y.T.	N.W.T.	Canada
<b>1.0 Family Medicine</b>	1	0	1	0	8	23	2	4	11	14	0	0	64
<b>2.0 Medical Specialists</b>													
<b>2.1 Clinical Specialists</b>													
- Internal Medicine	0	0	1	0	3	11	0	1	2	7	0	0	25
- Medical Genetics	0	0	0	0	0	0	0	0	0	0	0	0	0
- Dermatology	0	0	0	0	1	0	0	0	0	0	0	0	1
- Neurology	0	0	0	0	0	2	0	0	0	0	0	0	2
- Paediatrics	0	0	0	0	1	9	0	0	0	0	0	0	10
- Physical Medicine & Rehab.	0	0	0	0	0	0	0	0	0	0	0	0	0
- Psychiatry	0	0	4	0	6	9	1	0	1	2	0	0	23
- Public Health	0	0	0	0	0	2	0	0	0	0	0	0	2
- Emergency Medicine	0	0	0	0	0	1	0	0	0	0	0	0	1
- Occupational Medicine	0	0	0	0	0	0	0	0	0	0	0	0	0
- Anaesthesia	0	0	1	0	1	1	0	0	0	0	0	0	3
- Nuclear Medicine	0	0	0	0	0	0	0	0	0	0	0	0	0
- Radiology - Diagnostic	0	0	0	0	2	0	2	1	0	1	0	0	6
- Radiology - Therapeutic	0	0	0	0	0	5	1	0	0	0	0	0	6
<b>Total - Clinical Specialists</b>	<b>0</b>	<b>0</b>	<b>6</b>	<b>0</b>	<b>14</b>	<b>40</b>	<b>4</b>	<b>2</b>	<b>3</b>	<b>10</b>	<b>0</b>	<b>0</b>	<b>79</b>
<b>2.2 Laboratory Specialists</b>													
- Medical Biochemistry	0	0	0	0	0	0	0	0	0	0	0	0	0
- Medical Microbiology	0	0	0	0	0	1	0	0	0	0	0	0	1
- Pathology	1	0	0	0	0	4	0	0	0	0	0	0	5
<b>Total - Laboratory Specialists</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6</b>
<b>Total - Medical Specialists</b>	<b>1</b>	<b>0</b>	<b>6</b>	<b>0</b>	<b>14</b>	<b>45</b>	<b>4</b>	<b>2</b>	<b>3</b>	<b>10</b>	<b>0</b>	<b>0</b>	<b>85</b>
<b>3.0 Surgical Specialists</b>													
- General Surgery	0	0	1	0	0	2	0	0	0	1	0	0	4
- Cardio & Thoracic Surgery	0	0	0	0	0	1	0	0	0	0	0	0	1
- Neurosurgery	0	0	0	0	0	0	0	0	0	0	0	0	0
- Obstetrics-Gynecology	0	0	4	0	3	8	0	0	0	0	0	0	15
- Ophthalmology	0	0	0	0	1	0	0	1	0	0	0	0	2
- Otolaryngology	0	0	1	0	1	0	0	0	0	0	0	0	2
- Orthopedic Surgery	0	0	0	0	0	1	0	0	0	0	0	0	1
- Plastic Surgery	0	0	0	0	0	0	0	0	0	0	0	0	0
- Urology	0	0	0	0	0	1	0	0	1	0	0	0	2
<b>Total - Surgical Specialists</b>	<b>0</b>	<b>0</b>	<b>6</b>	<b>0</b>	<b>5</b>	<b>13</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>27</b>
<b>4.0 - Medical Scientists</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total - All Specialists</b>	<b>1</b>	<b>0</b>	<b>12</b>	<b>0</b>	<b>19</b>	<b>58</b>	<b>4</b>	<b>3</b>	<b>4</b>	<b>11</b>	<b>0</b>	<b>0</b>	<b>112</b>
<b>Total - All Physicians</b>	<b>2</b>	<b>0</b>	<b>13</b>	<b>0</b>	<b>27</b>	<b>81</b>	<b>6</b>	<b>7</b>	<b>15</b>	<b>25</b>	<b>0</b>	<b>0</b>	<b>176</b>

Source: SMDB, CIHI

**Notes:** Excludes residents.

Totals include physicians where gender was unknown.

Figures for males and females combined will not equal figures for total physicians moving abroad because there was one case where gender was not stated.

Includes physicians in clinical and/or non-clinical practice.

Table 15.0

**Physicians Who Moved Abroad, Graduates of Canadian Medical Schools By Specialty and Province/Territory, Canada, 1999**

	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Y.T.	N.W.T.	Canada
<b>1.0 Family Medicine</b>	2	2	5	0	20	55	6	6	19	26	0	0	141
<b>2.0 Medical Specialists</b>													
<b>2.1 Clinical Specialists</b>													
- Internal Medicine	0	0	2	0	16	25	1	0	2	7	0	0	53
- Medical Genetics	0	0	0	0	1	0	0	0	0	0	0	0	1
- Dermatology	0	0	0	0	1	2	0	0	0	0	0	0	3
- Neurology	0	0	0	0	1	3	0	1	0	0	0	0	5
- Paediatrics	0	0	0	0	4	12	3	0	0	0	0	0	19
- Physical Medicine & Rehab.	0	0	0	0	0	1	0	0	0	0	0	0	1
- Psychiatry	0	0	3	0	5	11	2	0	1	2	0	0	24
- Public Health	0	0	0	0	0	2	0	0	0	0	0	0	2
- Emergency Medicine	0	0	0	0	1	1	0	0	1	3	0	0	6
- Occupational Medicine	0	0	0	0	0	0	0	0	1	0	0	0	1
- Anaesthesia	0	0	1	0	5	5	0	0	1	1	0	0	13
- Nuclear Medicine	0	0	0	0	1	0	0	0	0	0	0	0	1
- Radiology - Diagnostic	0	0	0	0	6	5	2	1	0	3	0	0	17
- Radiology - Therapeutic	0	0	0	0	0	6	0	0	0	0	0	0	6
<b>Total - Clinical Specialists</b>	0	0	6	0	41	73	8	2	6	16	0	0	152
<b>2.2 Laboratory Specialists</b>													
- Medical Biochemistry	0	0	0	0	1	0	0	0	0	0	0	0	1
- Medical Microbiology	0	0	1	0	1	1	0	0	0	0	0	0	3
- Pathology	0	0	0	0	3	3	2	0	0	1	0	0	9
<b>Total - Laboratory Specialists</b>	0	0	1	0	5	4	2	0	0	1	0	0	13
<b>Total - Medical Specialists</b>	0	0	7	0	46	77	10	2	6	17	0	0	165
<b>3.0 Surgical Specialists</b>													
- General Surgery	0	0	2	0	1	12	0	0	3	4	0	0	22
- Cardio & Thoracic Surgery	0	0	0	0	3	6	0	0	0	1	0	0	10
- Neurosurgery	0	0	0	0	1	3	0	1	2	0	0	0	7
- Obstetrics-Gynecology	0	0	4	0	5	10	0	0	0	0	0	0	19
- Ophthalmology	1	0	0	0	2	1	1	1	1	4	0	0	11
- Otolaryngology	0	0	2	0	2	3	0	0	0	1	0	0	8
- Orthopedic Surgery	0	0	0	1	4	11	0	1	1	3	0	0	21
- Plastic Surgery	0	0	0	0	1	3	0	0	0	2	0	0	6
- Urology	0	0	1	0	2	6	1	0	2	1	0	0	13
<b>Total - Surgical Specialists</b>	1	0	9	1	21	55	2	3	9	16	0	0	117
<b>4.0 - Medical Scientists</b>	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total - All Specialists</b>	1	0	16	1	67	132	12	5	15	33	0	0	282
<b>Total - All Physicians</b>	3	2	21	1	87	187	18	11	34	59	0	0	423

Source: SMDB, CIHI

**Notes:** Excludes residents.  
Includes physicians in clinical and/or non-clinical practice.

Table 15.1

**Physicians Who Moved Abroad, Graduates of Foreign Medical Schools By Specialty and Province/Territory, Canada, 1999**

	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Y.T.	N.W.T.	Canada
<b>1.0 Family Medicine</b>	1	0	3	0	2	11	5	3	7	9	0	0	41
<b>2.0 Medical Specialists</b>													
<b>2.1 Clinical Specialists</b>													
- Internal Medicine	0	0	1	0	0	8	2	1	2	6	0	0	20
- Medical Genetics	0	0	1	0	0	0	0	0	0	0	0	0	1
- Dermatology	0	0	0	0	0	1	0	0	0	0	0	0	1
- Neurology	0	0	0	0	1	3	0	0	0	0	0	0	4
- Paediatrics	0	0	0	0	2	2	0	0	1	2	0	0	7
- Physical Medicine & Rehab.	0	0	0	0	0	2	0	0	0	0	0	0	2
- Psychiatry	0	0	1	0	2	7	0	0	0	3	0	0	13
- Public Health	0	0	0	0	0	2	0	0	0	0	0	0	2
- Emergency Medicine	0	0	0	0	0	1	0	0	0	0	0	0	1
- Occupational Medicine	0	0	0	0	0	1	0	0	0	0	0	0	1
- Anaesthesia	0	0	1	0	1	4	0	0	0	0	0	0	6
- Nuclear Medicine	0	0	0	0	0	0	0	0	0	0	0	0	0
- Radiology - Diagnostic	0	0	0	0	0	1	0	0	0	1	0	0	2
- Radiology - Therapeutic	0	0	0	0	0	3	1	0	0	0	0	0	4
<b>Total - Clinical Specialists</b>	<b>0</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>6</b>	<b>35</b>	<b>3</b>	<b>1</b>	<b>3</b>	<b>12</b>	<b>0</b>	<b>0</b>	<b>64</b>
<b>2.2 Laboratory Specialists</b>													
- Medical Biochemistry	0	0	0	0	0	0	0	0	0	0	0	0	0
- Medical Microbiology	0	0	0	0	0	0	0	0	0	0	0	0	0
- Pathology	2	0	0	0	0	6	1	0	1	1	0	0	11
<b>Total - Laboratory Specialists</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>11</b>
<b>Total - Medical Specialists</b>	<b>2</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>6</b>	<b>41</b>	<b>4</b>	<b>1</b>	<b>4</b>	<b>13</b>	<b>0</b>	<b>0</b>	<b>75</b>
<b>3.0 Surgical Specialists</b>													
- General Surgery	1	0	1	0	3	3	0	0	1	0	0	0	9
- Cardio & Thoracic Surgery	0	0	0	0	0	2	0	0	0	0	0	0	2
- Neurosurgery	0	0	1	0	1	2	0	0	0	0	0	0	4
- Obstetrics-Gynecology	0	0	1	0	0	3	2	0	3	0	0	0	9
- Ophthalmology	0	0	0	0	2	2	0	0	0	0	0	0	4
- Otolaryngology	0	0	0	0	0	0	0	0	0	0	0	0	0
- Orthopedic Surgery	0	0	0	0	1	8	0	0	0	1	0	0	10
- Plastic Surgery	0	0	0	0	0	2	0	0	0	0	0	0	2
- Urology	0	0	1	0	0	2	1	1	0	0	0	0	5
<b>Total - Surgical Specialists</b>	<b>1</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>7</b>	<b>24</b>	<b>3</b>	<b>1</b>	<b>4</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>45</b>
<b>4.0 - Medical Scientists</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>
<b>Total - All Specialists</b>	<b>3</b>	<b>0</b>	<b>8</b>	<b>0</b>	<b>13</b>	<b>66</b>	<b>7</b>	<b>2</b>	<b>8</b>	<b>14</b>	<b>0</b>	<b>0</b>	<b>121</b>
<b>Total - All Physicians</b>	<b>4</b>	<b>0</b>	<b>11</b>	<b>0</b>	<b>15</b>	<b>77</b>	<b>12</b>	<b>5</b>	<b>15</b>	<b>23</b>	<b>0</b>	<b>0</b>	<b>162</b>

Source: SMDB, CIHI

**Notes:** Excludes residents.  
Includes physicians in clinical and/or non-clinical practice.



Table 16.0

**Physicians Who Moved Abroad in 1999 by Physician Type, Years Since M.D. Graduation,  
and Province/Territory, Canada**

Physician Type Years Since M.D. Graduation	Province/Territory of Residence on December 31, 1998												Canada
	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Y.T.	N.W.T.	
<b>Family Medicine</b>	<b>3</b>	<b>2</b>	<b>8</b>	<b>0</b>	<b>22</b>	<b>66</b>	<b>11</b>	<b>9</b>	<b>26</b>	<b>35</b>	<b>0</b>	<b>0</b>	<b>182</b>
0-10 years	1	2	4	0	14	34	8	5	13	15	0	0	96
11-15 "	1	0	2	0	3	11	1	2	3	5	0	0	28
16-20 "	1	0	0	0	3	9	0	1	6	6	0	0	26
21-25 "	0	0	1	0	1	4	0	0	2	2	0	0	10
26-30 "	0	0	0	0	1	4	1	1	1	3	0	0	11
31-35 "	0	0	0	0	0	2	1	0	1	3	0	0	7
> 35 "	0	0	1	0	0	2	0	0	0	1	0	0	4
Unknown "	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Specialists</b>	<b>4</b>	<b>0</b>	<b>24</b>	<b>1</b>	<b>80</b>	<b>198</b>	<b>19</b>	<b>7</b>	<b>23</b>	<b>47</b>	<b>0</b>	<b>0</b>	<b>403</b>
0-10 years	1	0	6	1	49	84	8	4	6	22	0	0	181
11-15 "	1	0	5	0	6	51	5	0	8	7	0	0	83
16-20 "	1	0	5	0	8	21	3	0	5	11	0	0	54
21-25 "	1	0	2	0	4	18	2	2	0	2	0	0	31
26-30 "	0	0	2	0	4	8	1	0	1	4	0	0	20
31-35 "	0	0	3	0	3	10	0	1	1	0	0	0	18
> 35 "	0	0	1	0	6	6	0	0	2	1	0	0	16
Unknown "	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Residents</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>5</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>9</b>
0-10 years	0	0	0	0	2	1	1	0	0	1	0	0	5
11-15 "	0	0	0	0	0	3	0	0	0	0	0	0	3
16-20 "	0	0	0	0	0	0	0	0	0	0	0	0	0
21-25 "	0	0	0	0	0	0	0	0	0	0	0	0	0
26-30 "	0	0	0	0	0	1	0	0	0	0	0	0	1
31-35 "	0	0	0	0	0	0	0	0	0	0	0	0	0
> 35 "	0	0	0	0	0	0	0	0	0	0	0	0	0
Unknown "	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total - All Physicians</b>	<b>7</b>	<b>2</b>	<b>32</b>	<b>1</b>	<b>104</b>	<b>269</b>	<b>31</b>	<b>16</b>	<b>49</b>	<b>83</b>	<b>0</b>	<b>0</b>	<b>594</b>
0-10 years	2	2	10	1	65	119	17	9	19	38	0	0	282
11-15 "	2	0	7	0	9	65	6	2	11	12	0	0	114
16-20 "	2	0	5	0	11	30	3	1	11	17	0	0	80
21-25 "	1	0	3	0	5	22	2	2	2	4	0	0	41
26-30 "	0	0	2	0	5	13	2	1	2	7	0	0	32
31-35 "	0	0	3	0	3	12	1	1	2	3	0	0	25
> 35 "	0	0	2	0	6	8	0	0	2	2	0	0	20
Unknown "	0	0	0	0	0	0	0	0	0	0	0	0	0

Source: SMDB, CIHI

Notes: Includes physicians in clinical and/or non-clinical practice.

Table 17.0

## Physicians Who Returned From Abroad By Specialty and Province/Territory, Canada, 1999

	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Y.T.	N.W.T.	Canada
<b>1.0 Family Medicine</b>	2	0	5	0	10	43	12	6	16	19	0	0	113
<b>2.0 Medical Specialists</b>													
<b>2.1 Clinical Specialists</b>													
- Internal Medicine	0	0	5	0	12	26	2	0	5	4	0	0	54
- Medical Genetics	0	0	0	0	1	0	0	0	0	0	0	0	1
- Dermatology	0	0	0	0	0	0	0	0	0	1	0	0	1
- Neurology	0	0	0	0	1	6	0	0	0	1	0	0	8
- Paediatrics	0	0	0	0	3	9	2	0	2	2	0	0	18
- Physicial Medicine & Rehab.	0	0	0	0	1	0	0	0	0	0	0	0	1
- Psychiatry	1	0	3	0	3	8	0	0	3	4	0	0	22
- Public Health	0	0	0	0	0	1	0	0	1	0	0	0	2
- Emergency Medicine	0	0	0	0	0	1	0	0	0	1	0	0	2
- Occupational Medicine	0	0	0	0	0	0	0	0	0	0	0	0	0
- Anaesthesia	0	0	0	0	1	7	0	0	2	1	0	0	11
- Nuclear Medicine	0	0	0	0	0	2	0	0	0	1	0	0	3
- Radiology - Diagnostic	0	0	1	1	3	5	0	0	3	1	0	0	14
- Radiology - Therapeutic	0	0	0	0	3	0	0	0	0	0	0	0	3
<b>Total - Clinical Specialists</b>	1	0	9	1	28	65	4	0	16	16	0	0	140
<b>2.2 Laboratory Specialists</b>													
- Medical Biochemistry	0	0	0	0	0	0	0	0	0	0	0	0	0
- Medical Microbiology	0	0	0	0	0	0	0	0	0	0	0	0	0
- Pathology	1	0	0	0	0	7	0	1	0	1	0	0	10
<b>Total - Laboratory Specialists</b>	1	0	0	0	0	7	0	1	0	1	0	0	10
<b>Total - Medical Specialists</b>	2	0	9	1	28	72	4	1	16	17	0	0	150
<b>3.0 Surgical Specialists</b>													
- General Surgery	0	0	0	1	1	8	1	2	2	2	0	0	17
- Cardio & Thoracic Surgery	0	0	1	0	2	0	0	1	0	0	0	0	4
- Neurosurgery	0	0	0	0	0	1	0	0	1	0	0	0	2
- Obstetrics-Gynecology	1	0	1	0	3	10	2	0	1	1	0	0	19
- Ophthalmology	0	0	1	0	4	1	0	1	1	3	0	0	11
- Otolaryngology	0	0	0	0	1	2	0	0	1	2	0	0	6
- Orthopedic Surgery	0	0	0	0	1	6	0	0	1	1	0	0	9
- Plastic Surgery	0	0	0	0	1	4	0	0	0	1	0	0	6
- Urology	0	0	0	0	1	3	0	0	1	0	0	0	5
<b>Total - Surgical Specialists</b>	1	0	3	1	14	35	3	4	8	10	0	0	79
<b>4.0 - Medical Scientists</b>	0	0	0	0	0	0	1	0	0	0	0	0	1
<b>Total - All Specialists</b>	3	0	12	2	42	107	8	5	24	27	0	0	230
<b>Total - All Physicians</b>	5	0	17	2	52	150	20	11	40	46	0	0	343

Source: SMDB, CIHI

**Notes:** Excludes residents.  
Includes physicians in clinical and/or non-clinical practice.

Table 17.1

**Male Physicians, Who Returned From Abroad By Specialty and Province/Territory,  
Canada, 1999**

	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Y.T.	N.W.T.	Canada
<b>1.0 Family Medicine</b>	2	0	3	0	5	32	9	5	9	12	0	0	77
<b>2.0 Medical Specialists</b>													
<b>2.1 Clinical Specialists</b>													
- Internal Medicine	0	0	3	0	8	19	1	0	5	1	0	0	37
- Medical Genetics	0	0	0	0	1	0	0	0	0	0	0	0	1
- Dermatology	0	0	0	0	0	0	0	0	0	0	0	0	0
- Neurology	0	0	0	0	1	5	0	0	0	1	0	0	7
- Paediatrics	0	0	0	0	1	4	1	0	2	1	0	0	9
- Physical Medicine & Rehab.	0	0	0	0	1	0	0	0	0	0	0	0	1
- Psychiatry	1	0	2	0	1	5	0	0	1	3	0	0	13
- Public Health	0	0	0	0	0	1	0	0	0	0	0	0	1
- Emergency Medicine	0	0	0	0	0	1	0	0	0	1	0	0	2
- Occupational Medicine	0	0	0	0	0	0	0	0	0	0	0	0	0
- Anaesthesia	0	0	0	0	1	5	0	0	2	1	0	0	9
- Nuclear Medicine	0	0	0	0	0	1	0	0	0	1	0	0	2
- Radiology - Diagnostic	0	0	1	1	2	4	0	0	2	1	0	0	11
- Radiology - Therapeutic	0	0	0	0	1	0	0	0	0	0	0	0	1
<b>Total - Clinical Specialists</b>	1	0	6	1	17	45	2	0	12	10	0	0	94
<b>2.2 Laboratory Specialists</b>													
- Medical Biochemistry	0	0	0	0	0	0	0	0	0	0	0	0	0
- Medical Microbiology	0	0	0	0	0	0	0	0	0	0	0	0	0
- Pathology	1	0	0	0	0	4	0	1	0	1	0	0	7
<b>Total - Laboratory Specialists</b>	1	0	0	0	0	4	0	1	0	1	0	0	7
<b>Total - Medical Specialists</b>	2	0	6	1	17	49	2	1	12	11	0	0	101
<b>3.0 Surgical Specialists</b>													
- General Surgery	0	0	0	1	1	7	1	2	1	2	0	0	15
- Cardio & Thoracic Surgery	0	0	1	0	2	0	0	1	0	0	0	0	4
- Neurosurgery	0	0	0	0	0	1	0	0	1	0	0	0	2
- Obstetrics-Gynecology	0	0	1	0	1	6	2	0	0	1	0	0	11
- Ophthalmology	0	0	1	0	3	1	0	0	1	3	0	0	9
- Otolaryngology	0	0	0	0	1	2	0	0	1	2	0	0	6
- Orthopedic Surgery	0	0	0	0	1	6	0	0	1	1	0	0	9
- Plastic Surgery	0	0	0	0	0	4	0	0	0	1	0	0	5
- Urology	0	0	0	0	1	3	0	0	1	0	0	0	5
<b>Total - Surgical Specialists</b>	0	0	3	1	10	30	3	3	6	10	0	0	66
<b>4.0 - Medical Scientists</b>	0	0	0	0	0	0	1	0	0	0	0	0	1
<b>Total - All Specialists</b>	2	0	9	2	27	79	6	4	18	21	0	0	168
<b>Total - All Physicians</b>	4	0	12	2	32	111	15	9	27	33	0	0	245

Source: SMDB, CIHI

**Notes:** Excludes residents.  
Includes physicians in clinical and/or non-clinical practice.

Table 17.2

**Female Physicians, Who Returned From Abroad By Specialty and Province/Territory,  
Canada, 1999**

	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Y.T.	N.W.T.	Canada
<b>1.0 Family Medicine</b>	0	0	2	0	5	11	3	1	7	7	0	0	36
<b>2.0 Medical Specialists</b>													
<b>2.1 Clinical Specialists</b>													
- Internal Medicine	0	0	2	0	4	7	1	0	0	3	0	0	17
- Medical Genetics	0	0	0	0	0	0	0	0	0	0	0	0	0
- Dermatology	0	0	0	0	0	0	0	0	0	1	0	0	1
- Neurology	0	0	0	0	0	1	0	0	0	0	0	0	1
- Paediatrics	0	0	0	0	2	5	1	0	0	1	0	0	9
- Physical Medicine & Rehab.	0	0	0	0	0	0	0	0	0	0	0	0	0
- Psychiatry	0	0	1	0	2	3	0	0	2	1	0	0	9
- Public Health	0	0	0	0	0	0	0	0	1	0	0	0	1
- Emergency Medicine	0	0	0	0	0	0	0	0	0	0	0	0	0
- Occupational Medicine	0	0	0	0	0	0	0	0	0	0	0	0	0
- Anaesthesia	0	0	0	0	0	2	0	0	0	0	0	0	2
- Nuclear Medicine	0	0	0	0	0	1	0	0	0	0	0	0	1
- Radiology - Diagnostic	0	0	0	0	1	1	0	0	1	0	0	0	3
- Radiology - Therapeutic	0	0	0	0	2	0	0	0	0	0	0	0	2
<b>Total - Clinical Specialists</b>	0	0	3	0	11	20	2	0	4	6	0	0	46
<b>2.2 Laboratory Specialists</b>													
- Medical Biochemistry	0	0	0	0	0	0	0	0	0	0	0	0	0
- Medical Microbiology	0	0	0	0	0	0	0	0	0	0	0	0	0
- Pathology	0	0	0	0	0	3	0	0	0	0	0	0	3
<b>Total - Laboratory Specialists</b>	0	0	0	0	0	3	0	0	0	0	0	0	3
<b>Total - Medical Specialists</b>	0	0	3	0	11	23	2	0	4	6	0	0	49
<b>3.0 Surgical Specialists</b>													
- General Surgery	0	0	0	0	0	1	0	0	1	0	0	0	2
- Cardio & Thoracic Surgery	0	0	0	0	0	0	0	0	0	0	0	0	0
- Neurosurgery	0	0	0	0	0	0	0	0	0	0	0	0	0
- Obstetrics-Gynecology	1	0	0	0	2	4	0	0	1	0	0	0	8
- Ophthalmology	0	0	0	0	1	0	0	1	0	0	0	0	2
- Otolaryngology	0	0	0	0	0	0	0	0	0	0	0	0	0
- Orthopedic Surgery	0	0	0	0	0	0	0	0	0	0	0	0	0
- Plastic Surgery	0	0	0	0	1	0	0	0	0	0	0	0	1
- Urology	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total - Surgical Specialists</b>	1	0	0	0	4	5	0	1	2	0	0	0	13
<b>4.0 - Medical Scientists</b>	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total - All Specialists</b>	1	0	3	0	15	28	2	1	6	6	0	0	62
<b>Total - All Physicians</b>	1	0	5	0	20	39	5	2	13	13	0	0	98

Source: SMDB, CIHI

**Notes:** Excludes residents.  
Includes physicians in clinical and/or non-clinical practice.

Table 18.0

**Physicians Who Returned From Abroad, Graduates of Canadian Medical Schools By  
Specialty and Province/Territory, Canada, 1999**

	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Y.T.	N.W.T.	Canada
<b>1.0 Family Medicine</b>	2	0	4	0	10	36	5	2	13	16	0	0	88
<b>2.0 Medical Specialists</b>													
<b>2.1 Clinical Specialists</b>													
- Internal Medicine	0	0	3	0	12	20	2	0	5	4	0	0	46
- Medical Genetics	0	0	0	0	1	0	0	0	0	0	0	0	1
- Dermatology	0	0	0	0	0	0	0	0	0	1	0	0	1
- Neurology	0	0	0	0	1	3	0	0	0	1	0	0	5
- Paediatrics	0	0	0	0	3	6	2	0	2	1	0	0	14
- Physical Medicine & Rehab.	0	0	0	0	1	0	0	0	0	0	0	0	1
- Psychiatry	0	0	2	0	3	6	0	0	3	2	0	0	16
- Public Health	0	0	0	0	0	1	0	0	1	0	0	0	2
- Emergency Medicine	0	0	0	0	0	1	0	0	0	1	0	0	2
- Occupational Medicine	0	0	0	0	0	0	0	0	0	0	0	0	0
- Anaesthesia	0	0	0	0	1	2	0	0	2	1	0	0	6
- Nuclear Medicine	0	0	0	0	0	1	0	0	0	1	0	0	2
- Radiology - Diagnostic	0	0	0	1	3	4	0	0	3	0	0	0	11
- Radiology - Therapeutic	0	0	0	0	3	0	0	0	0	0	0	0	3
<b>Total - Clinical Specialists</b>	<b>0</b>	<b>0</b>	<b>5</b>	<b>1</b>	<b>28</b>	<b>44</b>	<b>4</b>	<b>0</b>	<b>16</b>	<b>12</b>	<b>0</b>	<b>0</b>	<b>110</b>
<b>2.2 Laboratory Specialists</b>													
- Medical Biochemistry	0	0	0	0	0	0	0	0	0	0	0	0	0
- Medical Microbiology	0	0	0	0	0	0	0	0	0	0	0	0	0
- Pathology	0	0	0	0	0	6	0	0	0	1	0	0	7
<b>Total - Laboratory Specialists</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>7</b>
<b>Total - Medical Specialists</b>	<b>0</b>	<b>0</b>	<b>5</b>	<b>1</b>	<b>28</b>	<b>50</b>	<b>4</b>	<b>0</b>	<b>16</b>	<b>13</b>	<b>0</b>	<b>0</b>	<b>117</b>
<b>3.0 Surgical Specialists</b>													
- General Surgery	0	0	0	1	0	8	1	1	2	1	0	0	14
- Cardio & Thoracic Surgery	0	0	1	0	2	0	0	1	0	0	0	0	4
- Neurosurgery	0	0	0	0	0	0	0	0	1	0	0	0	1
- Obstetrics-Gynecology	1	0	0	0	2	8	2	0	1	0	0	0	14
- Ophthalmology	0	0	1	0	4	1	0	1	1	3	0	0	11
- Otolaryngology	0	0	0	0	1	2	0	0	1	2	0	0	6
- Orthopedic Surgery	0	0	0	0	0	6	0	0	1	1	0	0	8
- Plastic Surgery	0	0	0	0	1	4	0	0	0	1	0	0	6
- Urology	0	0	0	0	1	3	0	0	1	0	0	0	5
<b>Total - Surgical Specialists</b>	<b>1</b>	<b>0</b>	<b>2</b>	<b>1</b>	<b>11</b>	<b>32</b>	<b>3</b>	<b>3</b>	<b>8</b>	<b>8</b>	<b>0</b>	<b>0</b>	<b>69</b>
<b>4.0 - Medical Scientists</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total - All Specialists</b>	<b>1</b>	<b>0</b>	<b>7</b>	<b>2</b>	<b>39</b>	<b>82</b>	<b>7</b>	<b>3</b>	<b>24</b>	<b>21</b>	<b>0</b>	<b>0</b>	<b>186</b>
<b>Total - All Physicians</b>	<b>3</b>	<b>0</b>	<b>11</b>	<b>2</b>	<b>49</b>	<b>118</b>	<b>12</b>	<b>5</b>	<b>37</b>	<b>37</b>	<b>0</b>	<b>0</b>	<b>274</b>

Source: SMDB, CIHI

**Notes:** Excludes residents.  
Includes physicians in clinical and/or non-clinical practice.

Table 18.1

**Physicians Who Returned From Abroad, Graduates of Foreign Medical Schools By Specialty and Province/Territory, Canada, 1999**

	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Y.T.	N.W.T.	Canada
<b>1.0 Family Medicine</b>	0	0	1	0	0	7	7	4	3	3	0	0	25
<b>2.0 Medical Specialists</b>													
<b>2.1 Clinical Specialists</b>													
- Internal Medicine	0	0	2	0	0	6	0	0	0	0	0	0	8
- Medical Genetics	0	0	0	0	0	0	0	0	0	0	0	0	0
- Dermatology	0	0	0	0	0	0	0	0	0	0	0	0	0
- Neurology	0	0	0	0	0	3	0	0	0	0	0	0	3
- Paediatrics	0	0	0	0	0	3	0	0	0	1	0	0	4
- Physical Medicine & Rehab.	0	0	0	0	0	0	0	0	0	0	0	0	0
- Psychiatry	1	0	1	0	0	2	0	0	0	2	0	0	6
- Public Health	0	0	0	0	0	0	0	0	0	0	0	0	0
- Emergency Medicine	0	0	0	0	0	0	0	0	0	0	0	0	0
- Occupational Medicine	0	0	0	0	0	0	0	0	0	0	0	0	0
- Anaesthesia	0	0	0	0	0	5	0	0	0	0	0	0	5
- Nuclear Medicine	0	0	0	0	0	1	0	0	0	0	0	0	1
- Radiology - Diagnostic	0	0	1	0	0	1	0	0	0	1	0	0	3
- Radiology - Therapeutic	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total - Clinical Specialists</b>	1	0	4	0	0	21	0	0	0	4	0	0	30
<b>2.2 Laboratory Specialists</b>													
- Medical Biochemistry	0	0	0	0	0	0	0	0	0	0	0	0	0
- Medical Microbiology	0	0	0	0	0	0	0	0	0	0	0	0	0
- Pathology	1	0	0	0	0	1	0	1	0	0	0	0	3
<b>Total - Laboratory Specialists</b>	1	0	0	0	0	1	0	1	0	0	0	0	3
<b>Total - Medical Specialists</b>	2	0	4	0	0	22	0	1	0	4	0	0	33
<b>3.0 Surgical Specialists</b>													
- General Surgery	0	0	0	0	1	0	0	1	0	1	0	0	3
- Cardio & Thoracic Surgery	0	0	0	0	0	0	0	0	0	0	0	0	0
- Neurosurgery	0	0	0	0	0	1	0	0	0	0	0	0	1
- Obstetrics-Gynecology	0	0	1	0	1	2	0	0	0	1	0	0	5
- Ophthalmology	0	0	0	0	0	0	0	0	0	0	0	0	0
- Otolaryngology	0	0	0	0	0	0	0	0	0	0	0	0	0
- Orthopedic Surgery	0	0	0	0	1	0	0	0	0	0	0	0	1
- Plastic Surgery	0	0	0	0	0	0	0	0	0	0	0	0	0
- Urology	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total - Surgical Specialists</b>	0	0	1	0	3	3	0	1	0	2	0	0	10
<b>4.0 - Medical Scientists</b>	0	0	0	0	0	0	1	0	0	0	0	0	1
<b>Total - All Specialists</b>	2	0	5	0	3	25	1	2	0	6	0	0	44
<b>Total - All Physicians</b>	2	0	6	0	3	32	8	6	3	9	0	0	69

Source: SMDB, CIHI

Notes: Excludes residents.

Includes physicians in clinical and/or non-clinical practice.

Table 19.0

**Physicians Who Returned From Abroad in 1999, by Physician Type, Years Since M.D. Graduation, and Province/Territory, Canada**

Physician Type <i>Years Since M.D. Grad</i>	Province/Territory of Residence on December 31, 1998												Canada
	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Y.T.	N.W.T.	
<b>Family Medicine</b>	<b>2</b>	<b>0</b>	<b>5</b>	<b>0</b>	<b>10</b>	<b>43</b>	<b>12</b>	<b>6</b>	<b>16</b>	<b>19</b>	<b>0</b>	<b>0</b>	<b>113</b>
0-10	1	0	4	0	5	17	4	2	9	6	0	0	48
11-15	0	0	0	0	3	7	2	3	3	6	0	0	24
16-20	0	0	0	0	0	5	3	0	1	4	0	0	13
21-25	0	0	0	0	0	5	1	1	1	2	0	0	10
26-30	1	0	0	0	1	6	2	0	1	0	0	0	11
31-35	0	0	1	0	0	1	0	0	1	1	0	0	4
> 35	0	0	0	0	1	2	0	0	0	0	0	0	3
Unknown	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Specialists</b>	<b>3</b>	<b>0</b>	<b>12</b>	<b>2</b>	<b>42</b>	<b>107</b>	<b>8</b>	<b>5</b>	<b>24</b>	<b>27</b>	<b>0</b>	<b>0</b>	<b>230</b>
0-10	1	0	2	0	29	49	1	1	16	13	0	0	112
11-15	0	0	2	0	6	15	4	1	1	3	0	0	32
16-20	0	0	1	0	2	18	0	2	3	2	0	0	28
21-25	0	0	2	1	0	9	1	0	2	3	0	0	18
26-30	2	0	2	0	3	6	0	0	0	1	0	0	14
31-35	0	0	2	0	0	4	1	1	0	3	0	0	11
> 35	0	0	1	1	2	6	1	0	2	2	0	0	15
Unknown	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Residents</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5</b>
0-10	0	0	0	0	0	2	0	0	0	0	0	0	2
11-15	1	0	0	0	0	1	0	0	0	0	0	0	2
16-20	0	0	0	0	0	1	0	0	0	0	0	0	1
21-25	0	0	0	0	0	0	0	0	0	0	0	0	0
26-30	0	0	0	0	0	0	0	0	0	0	0	0	0
31-35	0	0	0	0	0	0	0	0	0	0	0	0	0
> 35	0	0	0	0	0	0	0	0	0	0	0	0	0
Unknown	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total - All Physicians</b>	<b>6</b>	<b>0</b>	<b>17</b>	<b>2</b>	<b>52</b>	<b>154</b>	<b>20</b>	<b>11</b>	<b>40</b>	<b>46</b>	<b>0</b>	<b>0</b>	<b>348</b>
0-10	2	0	6	0	34	68	5	3	25	19	0	0	162
11-15	1	0	2	0	9	23	6	4	4	9	0	0	58
16-20	0	0	1	0	2	24	3	2	4	6	0	0	42
21-25	0	0	2	1	0	14	2	1	3	5	0	0	28
26-30	3	0	2	0	4	12	2	0	1	1	0	0	25
31-35	0	0	3	0	0	5	1	1	1	4	0	0	15
> 35	0	0	1	1	3	8	1	0	2	2	0	0	18
Unknown	0	0	0	0	0	0	0	0	0	0	0	0	0

Source: SMDB, CIHI

**Notes:** Includes physicians in clinical and/or non-clinical practice.

Table 20.0

**Number of Landed Immigrants Indicating Medicine as their Intended occupation, by  
Provinces/Territories, Canada, 1998 to 1999**

Province/ Territory	Without Arranged Employment		With Arranged Employment		Total	
	1998	1999	1998	1999	1998	1999
Nfld.	2	1	13	12	15	13
P.E.I.	0	0	0	0	0	0
N.S.	2	4	4	3	6	7
N.B.	2	1	2	1	4	2
Que.	32	34	15	1	47	35
Ont.	62	89	31	5	93	94
Man.	3	2	13	11	16	13
Sask.	1	8	29	22	30	30
Alta.	9	12	6	7	15	19
B.C.	20	24	12	5	32	29
Y.T.	0	1	0	0	0	1
N.W.T.	0	0	0	0	0	0
<b>Canada</b>	<b>133</b>	<b>176</b>	<b>125</b>	<b>67</b>	<b>258</b>	<b>243</b>

**Notes:** Please see Methodological notes regarding definitions.  
Data as of December of given year.

**Source:** Citizenship and Immigration Canada.



## **Appendix 1**

Table 1.1

**Statistics Canada Population Estimates for Canada, the Provinces and Territories,  
1961 to 1999 ('000's)**

Year		Canada	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Yukon	N.W.T.
1961	(IR)	18,238.3	457.9	104.6	737.0	597.9	5,259.2	6,236.1	921.7	925.2	1,332.0	1,629.1	14.6	23.0
1962	(IR)	18,787.0												
1963	(IR)	19,142.0												
1964	(IR)	19,510.0												
1965	(IR)	19,857.0												
1966	(IR)	20,228.0												
1967	(IR)	20,581.0												
1968	(IR)	20,888.0	511.0	111.0	771.0	627.0	5,961.0	7,338.0	975.0	959.0	1,546.0	2,042.0	16.0	31.0
1969	(IR)	21,182.0	516.0	110.0	779.0	625.0	6,002.0	7,488.0	979.0	948.0	1,579.0	2,107.0	17.0	32.0
1970	(IR)	21,465.0	519.0	111.0	785.0	630.0	6,017.0	7,656.0	984.0	927.0	1,616.0	2,168.0	18.0	34.0
1971	(IR)	22,093.1	535.9	113.0	800.5	646.3	6,153.4	7,906.4	998.9	923.1	1,680.0	2,278.1	19.7	37.8
1972	(IR)	22,349.2	543.4	114.3	808.6	652.5	6,190.9	8,013.5	1,002.6	913.6	1,710.9	2,338.1	20.8	40.0
1973	(IR)	22,652.2	547.8	115.2	816.4	661.0	6,240.4	8,139.9	1,012.4	907.5	1,739.9	2,409.9	21.0	40.8
1974	(IR)	22,977.8	552.5	117.0	823.1	671.1	6,298.7	8,260.2	1,019.5	910.3	1,782.6	2,479.1	21.6	42.1
1975	(IR)	23,303.8	559.9	118.3	832.8	685.2	6,361.8	8,366.5	1,028.1	925.6	1,839.2	2,520.4	22.3	43.8
1976	(IR)	23,591.8	563.9	119.4	838.6	693.3	6,413.9	8,457.9	1,034.5	938.5	1,912.7	2,552.3	22.5	44.4
1977	(IR)	23,850.5	566.5	121.1	842.6	698.3	6,426.6	8,554.5	1,039.8	949.1	1,988.0	2,595.9	23.4	44.8
1978	(IR)	24,072.6	568.4	122.3	847.5	701.3	6,445.0	8,625.5	1,037.3	954.7	2,060.2	2,641.2	24.0	45.2
1979	(IR)	24,346.2	570.7	123.3	851.1	704.6	6,479.0	8,699.9	1,032.4	962.7	2,145.7	2,706.4	24.3	45.9
1980	(IR)	24,665.9	574.1	123.3	854.3	705.8	6,523.0	8,772.3	1,032.8	970.8	2,248.7	2,789.6	24.8	46.5
1981	(IR)	24,979.8	573.5	123.5	857.7	705.9	6,565.3	8,866.4	1,040.5	981.9	2,338.5	2,854.2	24.2	48.2
1982	(IR)	25,243.4	577.7	124.5	865.0	711.8	6,587.1	8,984.2	1,054.1	994.5	2,382.3	2,888.2	23.6	50.4
1983	(IR)	25,482.9	579.7	126.1	874.2	718.0	6,613.6	9,105.1	1,066.7	1,008.3	2,389.9	2,925.7	23.6	52.0
1984	(IR)	25,721.6	579.2	127.4	882.7	722.5	6,645.5	9,233.9	1,078.4	1,021.0	2,392.5	2,960.9	24.2	53.6
1985	(IR)	25,963.1	577.2	128.3	887.2	724.4	6,684.9	9,363.5	1,087.7	1,027.3	2,414.9	2,988.7	24.4	54.6
1986	(IR)	26,260.1	575.6	128.4	891.5	725.6	6,745.8	9,536.2	1,094.6	1,030.0	2,429.4	3,023.3	25.1	54.5
1987	(IR)	26,609.7	574.6	129.1	894.6	728.6	6,807.1	9,741.9	1,099.8	1,029.6	2,440.4	3,082.9	25.9	55.2
1988	(IR)	27,041.9	575.7	130.0	900.4	732.5	6,886.4	9,976.5	1,101.5	1,021.4	2,475.5	3,158.8	26.8	56.4
1989	(IR)	27,475.2	576.5	130.3	907.0	737.4	6,961.7	10,194.5	1,102.8	1,010.8	2,520.1	3,248.9	27.5	57.8
1990	(IR)	27,863.6	578.2	130.5	912.3	743.2	7,033.4	10,359.2	1,106.3	1,002.3	2,571.8	3,338.5	28.2	59.7
1991	(ID)	28,183.3	579.4	130.6	917.3	746.8	7,083.3	10,486.2	1,110.3	1,001.2	2,613.1	3,424.1	29.3	61.7
1992	(ID)	28,548.3	581.0	131.7	922.0	748.5	7,143.7	10,630.6	1,114.9	1,003.5	2,653.9	3,525.5	30.2	62.9
1993	(ID)	28,865.8	577.4	133.0	925.5	750.3	7,190.3	10,750.8	1,120.1	1,007.7	2,687.4	3,628.9	30.0	64.4
1994	(ID)	29,191.1	571.0	134.4	927.1	751.6	7,224.9	10,889.5	1,125.8	1,011.9	2,721.0	3,737.6	30.3	66.0
1995	(ID)	29,509.4	564.3	135.5	929.6	752.3	7,259.0	11,029.0	1,130.8	1,016.3	2,759.5	3,834.7	31.5	67.0
1996	(PD)	29,818.6	557.4	136.5	933.3	753.5	7,289.6	11,163.8	1,135.2	1,020.6	2,805.4	3,923.6	32.1	67.5
1997	(PR)	30,111.3	550.1	136.9	935.8	754.3	7,312.8	11,310.6	1,136.1	1,023.4	2,866.5	3,985.4	31.9	67.5
1998	(PR)	30,348.5	543.2	137.4	937.6	753.8	7,334.4	11,431.5	1,139.6	1,027.9	2,935.8	4,008.8	30.8	67.8
1999	(PP)	30,606.7	541.6	138.8	942.0	756.6	7,357.3	11,575.1	1,145.9	1,027.2	2,978.8	4,043.7	30.3	69.4

**Notes:** 1962 to 1967 provincial data is not available.

All population figures are as of December 31 of the given year. In Statistics Canada publications it would equate to the figure for January 1 of the next year.

**Sources:** 1961: Statistics Canada, Catalogue 91-201, Annual, 1982

1962 to 1970: Statistics Canada, Catalogue 91-001, Quarterly Estimates, November 1983.

1971 to 1999: Statistics Canada, Demography Division, April, 2000.

(IR) Final Intercensal Estimates

(PR) Updated Postcensal Estimates

(PP) Preliminary Postcensal Estimates\

(ID) Final Post Censal Estimates

## **Appendix 2**

## Data Definitions

Each of the data elements listed corresponds to a field on the physician's record. A listing of the appropriate codes and a definition for each data element are provided.

### *Subscriber Number*

Unique serial number maintained throughout lifetime.

### *Name*

Includes first name, other names and surname.

### *Province of Residence*

Province of residence is the province where the physician receives mail. This address is updated by Southam Business Lists using data supplied by the provincial registrar's office.

### *Postal Code*

Although CIHI receives the physicians full address from Southam Business Lists, only the postal code information is maintained on the CIHI database.

### *Medical Address Type*

Office  
Hospital  
Home  
Both (has office in home)  
Unknown

### *Physician Type*

Intern  
Resident  
General Practitioner  
Specialist

The physician type "intern" is valid for the historical records. Even though two year pre licensure has replaced one year pre licensure, Southam Business Lists still lists physicians who are in their first year of residency, either family practice or one of the other certified specialties, as interns. Unless otherwise noted, CIHI publications use the term Family Medicine Physician (FMP) which includes general practitioners (physicians, excluding interns and residents, without a current medical specialty) and family medicine and emergency family medicine specialists.

### *Medical Activity Code*

Active  
Active—Not in private practice  
Retired  
Semi-Retired  
Military  
Abroad  
USA  
Deceased  
Removed

Southam defines a physician as “active” if they have an M.D. degree and a valid address (mail sent to the physician is not returned). “Active, Not in private practice”, includes active physicians who are administrators, teachers etc. but do not engage in any private clinical practice. The “Active, Not in private practice” is reported by the physician to Southam Business Lists on the annual questionnaire. These two categories are combined by CIHI and are used to calculate the number of active civilian physicians.

There is no definition for “semi-retired” or “retired”. This variable is subjective as it self-reported by the physician on the questionnaire. The activity code “military” refers to any physician working in the Canadian Armed Forces. This data is received annually from the Department of National Defence.

The code “abroad” is used for a physician who has moved to an address outside the country.

In 1992, Southam added an additional code that indicates whether the physician has moved to the United States. The “abroad” category is combined with the “U.S.A.” category to produce statistics on physicians moving abroad.

A physician is coded as “deceased” when Southam receives notification from the provincial registrar, CMA, or the next of kin. The physician’s record may be kept on the database under this category for up to three years.

The activity status of the physician’s record is changed to “removed” if mail is returned from the physician’s currently listed address (three delivery attempts are made). Southam flags the physician as “removed” and pursues alternative means to attempt to locate the physician.

### *Current Medical Specialty/Medical Specialty 2–4*

Four fields for listing specialties (Certified)

Categories for the specialty certification variable are assigned according to designations defined by the Royal College of Physicians and Surgeons, the College of Family Physicians of Canada, and the College des médecins du Québec. Specialty codes are grouped into various categories for use in this publication. The individual physician record allows for a maximum of four specialties to be coded. If more than one specialty is listed, the specialist is tabulated under the most recently acquired certified specialty on the assumption that it most accurately reflects the current field of practice.

For the purposes of the publication, various specialties have been grouped into categories for reporting purposes e.g. internal medicine sub-specialties have been aggregated into the category of Internal Medicine. Specialties have been aggregated according to the groupings of the Royal College of Physician and Surgeon's groupings and cross-checked with groupings used by the Canadian Medical Association. For example, in Data Table 4, the subspecialties of Internal Medicine are listed. For a listing of the grouping categories and the specialties included in each grouping, please see Appendices 3 and 4.

#### *Primary Medical Interest*

This variable is self reported on the annual questionnaire and reflects the area of practice in which the physician has an interest. The physician may or may not be certified in the field. Some areas of practice are not certified by any of the certifying organizations. The list of primary medical interest designations is similar to the list of current medical specialties.

#### *Medical Appointment, Fields 1 and 2*

Teacher (Medical Faculty)  
Staff Physician at Hospital  
No appointment or unknown  
Research (Medical)  
Administrator (Government)  
Administrator (Business Industry)  
Medical Director—Pharmaceutical Industry

There are two entries per record and it is possible to differentiate between full and part time. This is a self reported variable.

#### *Medical Registration Indicator*

Registered or Non-registered. Indicates whether a physician is licensed to practice in the physician's current province of residence. Some physician who work in non-clinical situations e.g. administrative or research may not be registered with their provincial registrar. Also some physicians may maintain their registered status but do not engage in clinical activity.

#### *Hospital Affiliation/Hospital Appointment 1–3*

A maximum of three entries per record. The hospital appointment corresponds to hospital affiliation.

#### *Prescription Classification*

25+ prescriptions  
15-25 prescriptions  
1-14 prescriptions  
No prescriptions

Number of prescriptions written on an average day. This is a self-reported variable.

*Graduating Country Indicator*

Canada

U.S.A.

Foreign

Used in conjunction with country of graduation field and university of graduation field. If graduating country indicator is "U.S.A.", country of graduation indicates the state. If graduating country indicator is "Foreign" then country of graduation is coded according to country code list.

*University of Graduation*

Separate codes for each of the 16 Canadian universities. Codes for total Foreign universities, total U.S.A. universities and total British Commonwealth universities.

*Year of Graduation*

Year of M.D. Graduation

*Language*

English or French

*Gender*

Male, Female, Unknown

*Date of Birth*

Year, Month, Day

## **Appendix 3**



## Specialty Groupings—SMDB Reports/Tables

**Notes:** This list indicates the specialty codes as listed on the SMDB they are also comparable to the National Physician Database (NPDB) groupings. The specialties have been grouped into appropriate categories for use in reports and tables. The listed groupings have changed since originally constructed in the early 1970's. Some additional specialty codes have been added.

\* These are specialties certified by the Collège professionnelle des médecins du Québec.

### 1. Family Medicine

Family Medicine and Emergency Family Medicine

### 2. Medical Specialties

#### 2.1 Clinical Specialties

Internal Medicine

Cardiology

Emergency Medicine

Clinical Immunology and Allergy

Endocrinology

Endocrinology and Metabolism\*

Gastroenterology

Geriatrics

Hematology

Infectious Disease

General Internal Medicine

Nephrology

Oncology—Medical

Respiratory Medicine

Rheumatology

Genetics

Dermatology

Neurology

Electroencephlography\*

Pediatrics

Pediatric Cardiology

Physical Medicine and Rehabilitation

Psychiatry

Neurology and Psychiatry

Public Health

Community Medicine

Occupational Medicine

Anesthesia

Nuclear Medicine

Radiology—Diagnostic

Diagnostic/Therapeutic

Radiology—Therapeutic

Radiation—Oncology

## 2.2 Laboratory Specialties

- Medical Biochemistry
- Medical Microbiology
- Pathology
  - Clinical Pathology\*
  - Anatomical Pathology
  - Hematological Pathology
  - Neuropathology

## 3. Surgical Specialties

- General Surgery
  - Pediatric General Surgery
  - Vascular Surgery
- Cardiovascular/Thoracic Surgery
  - Cardio/Thoracic
  - Thoracic
- Neurosurgery
- Obstetrics/Gynecology
  - Obstetrics
  - Gynecology
- Ophthalmology
- Otolaryngology
- Orthopedic Surgery
- Plastic Surgery
- Urology

## 4. Medical Scientists

- Medical Scientist—Medicine
- Medical Scientist—Surgery

## **Appendix 4**

## Medical Specialties and Primary Interest Categories

The following list indicates the medical specialties and primary interest categories on SMDB. The entire list of codes can be used in the Primary Interest field but only certified specialties can be used in the Medical Specialties fields.

* Acupuncture	Medical Microbiology
* Addiction Medicine	Medical Oncology
* Administrative Medicine	Medical Scientist-Medicine
* AIDS/HIV	Medical Scientist—Surgery
Anatomical Pathology	* Neonatology
Anesthesia	Nephrology
* Bacteriology/Microbiology	Neuro-Pathology
Cardiac Surgery	Neurology
Cardio Thoracic Surgery	Neurology and Psychiatry
Cardiology	Neurosurgery
* Cardiovascular Anesthesia	Nuclear Medicine
Cardiovascular Thoracic Surgery	Obstetrics
Clinical Immunology and Allergy	Obstetrics and Gynecology
+ Clinical Pathology	Occupational Medicine
Community Medicine	Ophthalmology
* Critical Care	Orthopedic Surgery
Dermatology/Syphology	Otolaryngology
* Diabetology	* Pain Management
Diagnostic Radiology	* Palliative Care
+ Electroencephalography	Pediatric Cardiology
** Emergency Family Medicine	* Pediatric Diagnostic Radiology
Emergency Medicine	Pediatric General Surgery
+ Endocrinology	Pediatrics
Endocrinology and Metabolism	* Perinatal Medicine
** Family Medicine	* Pharmacology
* Forensic Medicine	Physical Medicine and Rehab.
Gastroenterology	Plastic Surgery
General Pathology	* Proctology
General Surgery	Psychiatry
Geriatric Medicine	Public Health
Gynecology	Radiation Oncology
Hematological Pathology	Radiology—Therapeutic
Hematology	Radiology—Therapeutic/Diagnostic
* Immunology	Respiratory Medicine
* Industrial Medicine	Rheumatology
Infectious Diseases	* Sports Medicine
Internal Medicine	Thoracic Surgery
Medical Biochemistry	Urology
Medical Genetics	Vascular Surgery

\* Primary Interest only, not certified by Royal College of Physicians and Surgeons of Canada.

\*\* College of Family Physicians of Canada certification.

+ + Certified by College des médecins in Quebec only (not a Royal College Specialty).

## **Appendix 5**

**Table 5.1**

**Number of Physicians, Including Interns and Residents, Canada, the Provinces and Territories, 1961 to 1999**

Year	Canada	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Yukon	N.W.T.
1961	21,290	230	91	706	455	6,167	8,040	1,120	951	1,356	2,150	9	15
1962	23,248												
1963	24,082												
1964	24,847												
1965	25,481												
1966	26,528												
1967	27,544												
1968	28,205	379	92	994	596	8,428	10,239	1,336	1,086	1,994	3,032	14	15
1969	29,656	428	94	971	577	8,499	11,200	1,353	1,129	2,129	3,242	16	18
1970	31,166	466	97	1,032	568	8,831	11,851	1,401	1,152	2,256	3,471	20	21
1971	32,942	479	98	1,081	609	9,455	12,506	1,533	1,128	2,384	3,624	17	28
1972	34,508	504	105	1,147	656	9,677	13,364	1,573	1,140	2,444	3,850	16	30
1973	35,924	605	105	1,301	677	10,149	13,723	1,597	1,187	2,526	4,004	18	29
1974	37,297	660	114	1,320	726	10,603	14,125	1,629	1,251	2,662	4,151	23	33
1975	39,104	731	120	1,388	741	10,846	15,121	1,732	1,305	2,737	4,328	23	30
1976	40,130	779	140	1,404	773	11,262	15,251	1,769	1,315	2,911	4,470	22	33
1977	41,498	803	141	1,478	781	11,545	15,692	1,812	1,390	3,013	4,784	25	34
1978	42,348	809	147	1,539	786	11,716	16,033	1,841	1,404	3,167	4,837	28	41
1979	43,192	822	153	1,572	767	11,981	16,309	1,839	1,433	3,241	5,011	27	37
1980	44,274	866	152	1,588	786	12,160	16,664	1,878	1,442	3,406	5,265	28	39
1981	45,541	892	155	1,599	815	12,638	17,028	1,910	1,477	3,567	5,391	28	41
1982	47,384	943	154	1,636	878	13,077	17,599	2,044	1,535	3,818	5,636	29	35
1983	48,860	976	150	1,728	929	13,354	18,214	2,104	1,568	3,930	5,838	30	39
1984	49,916	981	158	1,720	937	13,775	18,607	2,123	1,572	4,032	5,942	31	38
1985	51,953	975	175	1,805	956	14,393	19,481	2,157	1,605	4,186	6,152	28	40
1986	53,207	1,042	177	1,831	930	14,686	20,076	2,203	1,630	4,323	6,234	29	46
1987	55,275	1,070	184	1,912	968	15,279	20,847	2,226	1,700	4,591	6,420	32	46
1988	56,381	1,106	186	2,052	935	15,482	21,242	2,174	1,721	4,721	6,684	35	43
1989	58,030	1,154	180	2,128	966	15,777	22,096	2,261	1,722	4,784	6,879	38	45
1990	58,572	1,111	177	2,108	977	16,005	22,255	2,291	1,714	4,864	6,985	39	46
1991	59,526	1,090	175	2,115	1,010	16,213	22,566	2,348	1,720	5,017	7,184	38	50
1992	60,557	1,086	173	2,111	1,024	16,468	22,996	2,338	1,711	5,110	7,441	38	61
1993	61,877	1,165	179	2,209	1,056	16,800	23,301	2,343	1,700	5,276	7,748	39	61
1994	61,871	1,168	178	2,128	1,075	17,029	23,098	2,302	1,752	5,254	7,781	42	64
1995	61,946	1,148	176	2,128	1,108	17,235	22,957	2,316	1,737	5,207	7,867	44	63
1996	61,878	1,137	170	2,095	1,122	17,333	22,709	2,286	1,682	5,203	8,033	47	61
1997	61,984	1,146	165	2,116	1,127	17,315	22,628	2,319	1,682	5,230	8,140	50	66
1998	62,977	1,125	175	2,174	1,152	17,551	22,863	2,332	1,735	5,488	8,274	46	62
1999	63,727	1,119	180	2,229	1,164	17,653	23,095	2,364	1,781	5,702	8,334	42	64

**Notes:** 1962 to 1967: provincial data is not available.

Prince Edward Island and New Brunswick interns and residents are included in Nova Scotia's total for 1988 to 1994.

Province was not stated for 1 physician in each of 1972, 1975 and 1976; 3 physicians in 1973.

Data as of December 31 of the given year.

**Sources:** Southam Medical Database, CIHI

Data on interns and residents obtained from the provinces and from the Canadian Post MD Education Registry (CAPER) for 1988 to 1999. Excludes fellows and visa trainees.

**Table 5.2**

**Population per Physician, Including Interns and Residents, Canada, the Provinces and Territories, 1961 to 1999**

Year	Canada	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Yukon	N.W.T.
1961	857												
1962	808												
1963	795												
1964	785												
1965	779												
1966	763												
1967	747												
1968	741	1,348	1,207	776	1,052	707	717	730	883	775	673	1,143	2,067
1969	714	1,206	1,170	802	1,083	706	669	724	840	742	650	1,063	1,778
1970	689	1,114	1,144	761	1,109	681	646	702	805	716	625	900	1,619
1971	671	1,119	1,153	741	1,061	651	632	652	818	705	629	1,160	1,351
1972	648	1,078	1,088	705	995	640	600	637	801	700	607	1,301	1,334
1973	631	905	1,097	627	976	615	593	634	765	689	602	1,165	1,408
1974	616	837	1,027	624	924	594	585	626	728	670	597	938	1,277
1975	596	766	986	600	925	587	553	594	709	672	582	968	1,460
1976	588	724	853	597	897	570	555	585	714	657	571	1,025	1,344
1977	575	705	859	570	894	557	545	574	683	660	543	934	1,317
1978	568	703	832	551	892	550	538	563	680	651	546	856	1,104
1979	564	694	806	541	919	541	533	561	672	662	540	901	1,242
1980	557	663	811	538	898	536	526	550	673	660	530	884	1,192
1981	549	643	797	536	866	519	521	545	665	656	529	864	1,177
1982	533	613	808	529	811	504	510	516	648	624	512	815	1,439
1983	522	594	841	506	773	495	500	507	643	608	501	785	1,332
1984	515	590	806	513	771	482	496	508	649	593	498	779	1,411
1985	500	592	733	492	758	464	481	504	640	577	486	870	1,365
1986	494	552	725	487	780	459	475	497	632	562	485	867	1,185
1987	481	537	702	468	753	446	467	494	606	532	480	809	1,200
1988	480	520	699	439	783	445	470	507	594	524	473	767	1,311
1989	473	500	724	426	763	441	461	488	587	527	472	724	1,284
1990	476	520	737	433	761	439	465	483	585	529	478	722	1,298
1991	473	532	746	434	739	437	465	473	582	521	477	772	1,233
1992	471	535	761	437	731	434	462	477	587	519	474	794	1,030
1993	467	496	743	419	710	428	461	478	593	509	468	769	1,056
1994	472	489	755	436	699	424	471	489	578	518	480	721	1,031
1995	476	492	770	437	679	421	480	488	585	530	487	716	1,063
1996	482	490	803	446	672	421	492	497	607	539	488	683	1,106
1997	486	480	829	442	669	422	500	490	608	548	490	639	1,023
1998	482	483	785	431	654	418	500	489	592	535	485	670	1,094
1999	480	484	771	423	650	417	501	485	577	522	485	722	1,084

**Note :** 1962 to 1967: provincial data is not available.  
Data as of December 31 of the given year.

**Sources:** Southam Medical Database, CIHI

Data on interns and residents obtained from the provinces and from the Canadian Post MD Education Registry (CAPER) for 1988 to 1999. Excludes fellows and visa trainees.

1961: Statistics Canada, Catalogue 91-201, Annual, 1982

1962 to 1970: Statistics Canada, Catalogue 91-001, Quarterly Estimates, November 1983.

1971 to 1990: Statistics Canada, Catalogue 91-002, Quarterly Estimates, September, 1993.

Updates from Catalogue 91-002, Quarterly Estimates, Vol. 8 No. 3.

1991 to 1999: Statistics Canada, Demography Division, April, 2000.