



Full-Time Equivalent  
Physicians Report, Canada  
2002–2003 and 2003–2004

N a t i o n a l   P h y s i c i a n   D a t a b a s e



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# Full-Time Equivalent Physicians Report, Canada, 2002–2003 and 2003–2004

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## Foreword

The Canadian Institute for Health Information (CIHI) is one of Canada's leading sources of quality, reliable and timely health information. More and more, Canadians are turning to CIHI for information they can trust. CIHI is a not-for-profit, pan-Canadian organization governed by a strong and active board of directors whose membership strikes a balance among the health sectors and regions of Canada.

The key to CIHI's achievements is partnership. CIHI is a focal point for collaboration among major health players—from provincial and territorial governments, regional health authorities and hospitals to the federal government, researchers and associations representing health care professionals. The result of this cooperative effort is a strong and responsive health information system.

CIHI provides Canadians with essential statistics and analysis about their health and their health care system. CIHI has become an indispensable source of information for those seeking answers to critical questions around the delivery of health care. Is the health system training enough health care professionals and is it making optimal use of their skills? Are Canadians getting reasonable access to the health services they need? Are we investing in the right resources and equipment?

For more information, visit our Web site ([www.cihi.ca](http://www.cihi.ca)).

The *Full-Time Equivalent Physicians Report, Canada, 2002–2003 and 2003–2004* is produced by Health Human Resources at CIHI to support health human resource planning and utilization analysis. CIHI wishes to acknowledge the support of the provincial and territorial health ministries and the CIHI Expert Group on Physician Databases in the development and publication of this report.

## Preface

Previously published reports in the *Full-Time Equivalent Physicians* series:

- *Full-Time Equivalent Physicians Report, Canada, 2002–2003* (2004)
- *Full-Time Equivalent Physicians Report, Canada, 2001–2002* (2003)
- *Full-Time Equivalent Physicians Report, Canada, 1999/2000 and 2000/2001* (2003)
- *Full-Time Equivalent Physicians Report, Canada, 1998/1999 to 1999/2000* (2002)
- *Full-Time Equivalent Physicians Report, Canada, 1996/97 to 1998/99* (2001)
- *Full-Time Equivalent Physicians Report, Canada, 1993/94 to 1995/96* (1999)
- *Full-Time Equivalent Physicians Report, Canada, 1989/90 to 1993/94* (1997)

*Full-time Equivalent Physicians, Interprovincial Comparisons, Methodology and Statistics: Supplement 1990/91*, produced in 1992 by the Health Information Division at Health Canada, contained figures derived from the Medical Care Database (MCDB), the predecessor of the National Physician Database (NPDB). In 1995, both databases were transferred to CIHI.

The MCDB was developed following the implementation of the *Medical Care Act* in 1967 and was used to monitor the services provided and payments made by the provincial and territorial medical insurance plans. The NPDB expanded on the MCDB by including information on physician demographic and practice characteristics, and the age and gender of patients.



## Introduction

The National Physician Database (NPDB) has been used by the federal, provincial and territorial governments, by medical stakeholder groups and by various private organizations and researchers as an information resource to estimate full-time equivalent physician counts for Canada for program administration, evaluation and policy development.

The full-time equivalent (FTE) methodology was developed to:

- provide a consistent basis for comparing physician supply across and within provinces and territories;
- provide a consistent basis for measuring changes through time in physician supply; and
- recognize workload differences among individual specialities.

The figures should be used cautiously when determining physician supply requirements, as non fee-for-service payments are not included in the Full-Time Equivalent methodology at this time.

The base years for CIHI's FTE benchmarks are updated on a periodic basis. FTE physician reports for data years 1989–1990 to 1995–1996 were based on FTE benchmarks that were set using a 1985–1986 base year. FTE physician reports for data years 1996–1997 to 2001–2002 were based on FTE benchmarks established using 1995–1996 NPDB data. In 2004, CIHI carried out a thorough review of current FTE methodologies as part of an NPDB system re-engineering effort. The review focused on the application of payment source selection criteria at various stages of FTE data processing. Starting with the 2002–2003 data year, FTE physician reports will be produced using a 2000–2001 base year.<sup>1</sup>

This report includes 2002–2003 and 2003–2004 data. It should be noted that 2002–2003 results were previously presented in the publication entitled *Full-Time Equivalent Physicians Report, Canada, 2002–2003*. CIHI has received updated information from several provinces and has also made some minor modifications to its programming since the previous publication, producing minor differences between this publication and the earlier one.

---

1. For a detailed discussion of base year changes and the potential impact on FTE results, please see *Full-Time Equivalent Physicians Report, Canada, 2002–2003*, Appendix A (CIHI: Ottawa, 2004).

Any questions regarding the publications or the NPDB should be directed to:

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## **Methodological Notes**

### **Background**

The National Physician Database (NPDB) provides information on the demographic characteristics of physicians and their level of activity within the Canadian medical care system and is used by governments, professional associations, consulting firms, pharmaceutical companies, researchers and the media for medical human resource planning and utilization analysis. The establishment of the database was approved in 1987 by the Conference of Deputy Ministers of Health upon the recommendation of the Advisory Committee on Health Human Resources (ACHHR).

On August 1, 1995, the NPDB was transferred to the Canadian Institute for Health Information (CIHI). CIHI assumed the responsibilities of Health Canada in maintaining the database. Previously, the NPDB was under the direction of the Working Group on Medical Care Statistics (WGMCS), which was disbanded when the database was transferred to CIHI. An Expert Group on Physician Databases was convened in April 1996 and advises CIHI on data quality, methodology and product development matters relating to the NPDB and the Southam Medical Database (SMDB).

The NPDB contains data on the demographic characteristics and activity levels of fee-for-service physicians. Information on activity levels includes total payments, total services, average payment per physician and full-time equivalent physician counts. CIHI is working with the provinces, territories and ministries to also include data on clinical activities remunerated under alternative reimbursement plans (such as salaries, contracts and sessional fees).

### **Historical Measurement of a Full-Time Equivalent (FTE) Physician**

In Canada, physician supply has historically been measured in terms of the number of physicians available. These data are often extended to physician/population ratios for comparisons or analyses of changes over time. Traditionally, these statistics have been used in planning exercises and for the assessment of policy decisions. In particular, they have been used for the following purposes:

- to assess the factors contributing to the increases in medical care costs,
- to provide input to physician manpower requirement studies, and
- to assess trends in physicians' remuneration.

The number of fee-for-service physicians has always been viewed as an important health economic indicator because of the "gatekeeper" role that physicians play in the health care delivery system.

The use of simple counts of physicians for analysis implies that all physicians are equal in terms of their capacity to provide patient care. This is clearly not plausible; some physicians are semi-retired, some work part-time and many are not in active clinical practice. Even considering only fee-for-service physicians, the availability of medical services will vary considerably as a result of trade-offs individual physicians have made between income and leisure time. To try to produce a more meaningful measurement of physician supply, the practice of counting full-time and full-time equivalent physicians was adopted.

It should be noted that the term income used in this report refers to physician's gross payments for fee-for-service claims only. These payments do not include payment sources such as salary or sessional payments.

The first and simplest methods of defining full-time physicians involved the use of income thresholds. A dollar amount was specified and any practitioner whose income met or exceeded this amount was counted as one full-time physician. Physicians whose total billing was less than this amount were excluded from the count. The resulting estimates of physician supply depended strongly on what threshold was chosen. Furthermore, the supply of medical services by part-time physicians was ignored in the count. Depending on the choice of threshold, statistics could be generated with this algorithm that indicated anything from a serious lack of physician resources to a complete oversupply of all practitioner specialties. An improvement of this early method involved the counting of part-time physicians as a fraction of a full-time physician.

Apart from the problems caused by the arbitrary choice of income threshold, there are other limitations to this methodology. The statistics are not suitable for any time series analysis, as the sub-set of physicians earning in excess of any fixed dollar benchmark will be affected over time by increases in provincial and territorial fee schedules. As well, comparability will be weak because of differing benefit levels among the provinces and territories.

To try to improve jurisdictional, inter-specialty and time series comparisons, thresholds were redefined in terms of percentile levels of physician earnings. For example, instead of counting all physicians receiving payments in excess of \$30,000 as full-time, all practitioners billing within the top 70% of physicians could be considered full-time. Percentile thresholds have clear advantages over the dollar values. The impact of benefit schedule increases are automatically adjusted. Jurisdictional comparability is improved, but still there is no indication that the full-time benchmark in one province or territory would reflect the same intensity of production as the full-time benchmark in any other jurisdiction. Additionally, percentile thresholds implicitly adjust for changes over time, the service price and the changes in service utilization/volume per physician. Full-time equivalent methods based on the average or median earnings are variations on this methodology.

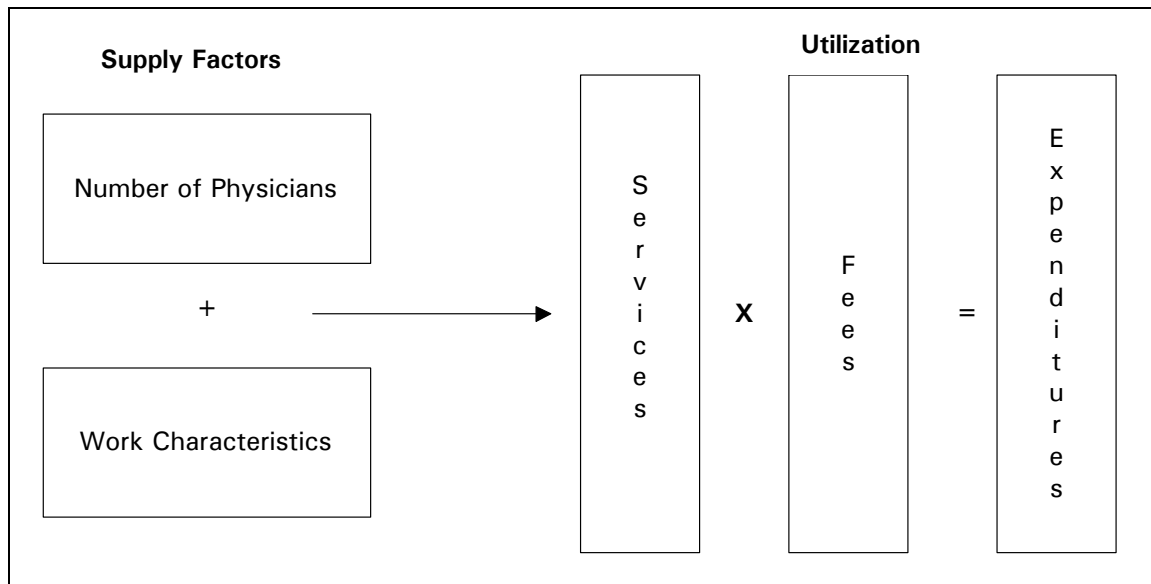
## Development of an Improved Measure of Full-Time Equivalence (FTE)

The development of a new measure for FTE was undertaken in 1984 by a working group comprised of representatives from National Health and Welfare, provincial medicare agencies, and academic consultants. The working group identified the following objectives of a FTE measure:

- provide a consistent basis for physician supply comparisons within and across provinces and territories;
- provide a consistent basis for measuring changes through time in physician supply; and
- recognize workload differences among individual specialties.

### Conceptual Model

All measures of full-time equivalence are to some degree arbitrary, in the sense that there is no “best” measure to be derived through statistical techniques. The choice of a measure was therefore determined by the objectives, and by data availability. The measure developed by the Working Group was based on the following conceptual model.



**Figure 1. Relationship Between Income and FTE Values**

In an economic context, physicians and hours of work are seen as measures of supply. Services produced by physicians are the most basic measure of utilization, while expenditure is the product of services and fees. The relationship between these three variables is illustrated in Figure 1. The realistic choices for estimation of full-time equivalence were (1) hours of work, (2) services provided, and (3) payments.

An internal study indicated a high degree of variability in income per hour worked by fee-for-service physicians, after standardizing for specialty. Consequently, a FTE measure based on hours of work would not provide accurate estimates of the *potential output* (in terms of clinical services) of the physician population. As FTE measures are used most often in a context where output or expenditure is an important consideration, it was decided that a measure of output would be preferable to hours of work, which is essentially an input measure.

Although services are measures of output, they are not weighted for intensity or value. Expenditure measures services weighted by fees. Payments to physicians were therefore chosen as the most appropriate measure of output with which to determine full-time equivalence.

### *Rationale*

In the model adopted, gross income per physician is used to measure output or workload. As there is a wide range of output among physicians within the same specialty, a single cut-off to measure full-time equivalence status did not seem appropriate. It was therefore decided to use a range of output that would be realistic for a typical full-time physician.

It was essential that this range could be defined statistically, and after some experimentation the 40th to 60th percentiles of fee adjusted, nationally defined payment distributions were chosen as the benchmarks within which to measure full-time equivalence.

Simulations of alternative percentiles indicated that the FTE counts were relatively insensitive to different benchmark ranges, as long as those ranges were symmetric (e.g. the 30th to 70th percentiles yielded approximately the same total counts as the 40th to 60th percentiles).

### *Comprehensiveness*

CIHI's current FTE methodology is designed to provide a weighted count of all physicians providing fee-for-service care under the Canadian medicare system. Physicians with payments less than the lower benchmark are counted as fractions of a FTE; physicians within or equal to the benchmarks are counted as one; and physicians above the benchmark are counted as more than one FTE. The decision to count physicians above the benchmark as more than one FTE was based on a recognition that many physicians have large workloads and the FTE measure should reflect this.

At the same time, an algorithm incorporating logarithms was used to prevent high-income physicians from having a very large FTE (for example, a physician whose income is three times the upper benchmark will have a FTE of 2.1, while a physician whose income is four times the upper benchmark will have a FTE of 2.4). The relationship between income and FTE count is illustrated in Figure 2.

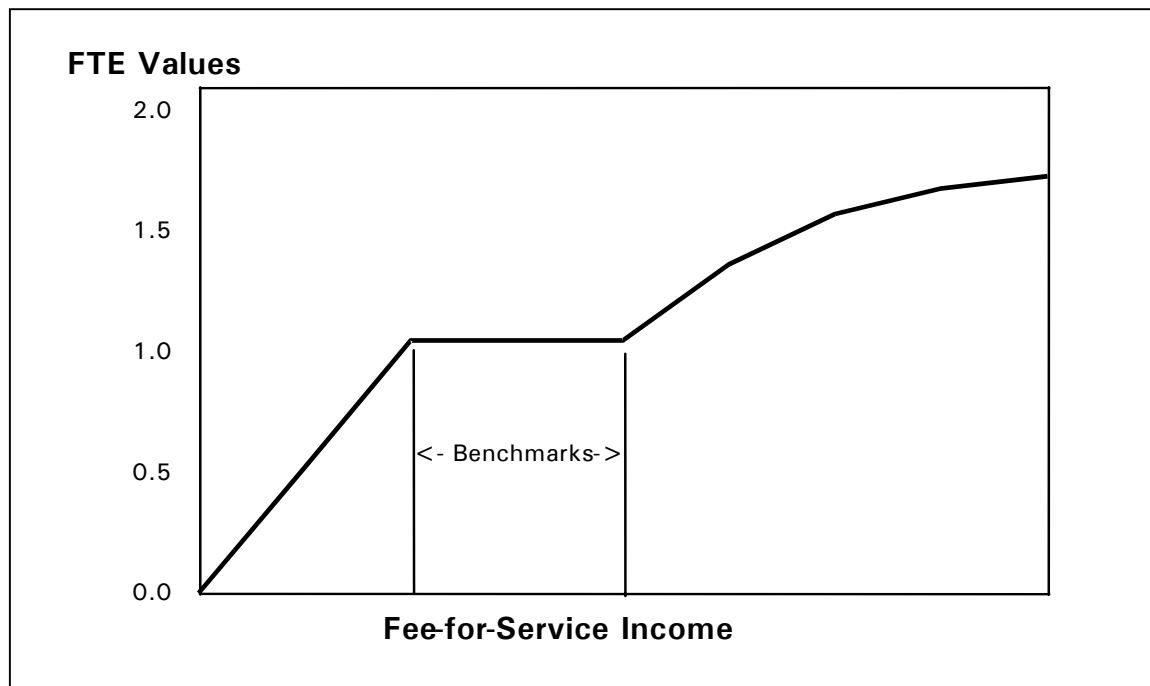


Figure 2. Relationship Between Income and FTE Values

### Consistency

In order to provide consistency across provinces and through time, it was necessary to remove the effects of different fee levels on physician income. The methodology adopted allowed payments to each physician to be standardized for interprovincial fee differences in order to compute national benchmarks for a base year. The national benchmarks were then converted to provincial values. Each year, the provincial benchmarks are indexed by specialty specific fee increases or decreases.

Benchmark values and FTE physician counts vary depending on the base year used for analysis. FTE physician reports for data years 1989–1990 to 1995–1996 were based on FTE benchmarks that were set using a 1985–1986 base year. FTE Physician reports for data years 1996–1997 to 2001–2002 were based on FTE benchmarks established using 1995–1996 NPDB data. Starting with the 2002–2003 data year, FTE Physician reports will be produced using a 2000–2001 base year.<sup>2</sup>

2. For a detailed discussion of base year changes and the potential impact on FTE results, please see *Full-Time Equivalent Physicians Report, Canada, 2002–2003*, Appendix A (CIHI: Ottawa, 2004).

## Data Sources and Collection

### NPDB Data

Data are derived from physician fee-for-service claims submitted by provincial and territorial medical insurance programs to CIHI. The claims data and associated physician and patient demographic data are submitted in five files, as listed below. Data files are usually received within six months of the end of the quarter to which the data correspond. Any files that do not meet appropriate layouts, as defined in the NPDB Data Submission Specifications Manual, are returned to the provinces and territories for correction and subsequent re-submission.

#### Files submitted include:

Title	Description
25 File	Dental services and other non-physician services file (file not submitted by all jurisdictions)
30 File	Reciprocal billing file *
35 File	Physician characteristics file
50 File	Utilization file (by fee-code, UPI, sex and age group of patient)
55 File	Changes to UPI file

\* 30 File data is not applicable to the province of Quebec.

In addition to the NPDB data files described above, CIHI gathers annual, aggregate level, alternative payment information through a variety of information sources, including provincial and territorial representatives of CIHI's Expert Group on Physician Databases. A summary of this information is presented in Table 2 of the Payment Mode: Level of Fee-for-Service Coverage section.

For a complete description of NPDB record layouts please see the NPDB Data Submission Specifications Manual, available at [www.cihi.ca](http://www.cihi.ca). For further information regarding the NPDB, including alternative payments, please contact the Program Lead, NPDB, CIHI.

### FTE Figures

Two utilization files are used to create the full-time equivalent figures: Utilization File (50 File) and the Reciprocal Billing File (30 File). The Utilization File contains all direct payments for fee-for-service claims by physicians, laboratories and diagnostic facilities, as well as services received by medical care plan beneficiaries out-of-province or territory but not processed through the reciprocal billing system (that is, essentially services received out-of-Canada and in Quebec, as well as services excluded from the reciprocal billing agreement). The Reciprocal Billing File contains data on out-of-province or territory services processed by the Reciprocal Billing System. This means each province and territory sends data on services their physicians provided to out-of-province or territory patients. Quebec does not participate in reciprocal billing arrangements.



## Type of Data: Date of Service vs. Date of Payment

Generally, utilization data files are submitted on a date-of-payment basis for Newfoundland and Labrador, Prince Edward Island, New Brunswick, Manitoba and Saskatchewan and on a date-of-service basis for Nova Scotia, Quebec, Ontario, Alberta and British Columbia and Yukon Territory. Provinces submitting on a date-of-service basis wait six months, or until 98% of services are captured, before submitting data files for processing. Please see Table 1 for a yearly breakdown by province of the type of data file submission.

**Table 1. NPDB File Submission: Date of Service (DOS) vs. Date of Payment (DOP)**

Province or Territory	2002–2003		2003–2004	
	DOS	DOP	DOS	DOP
N.L.		✓		✓
P.E.I.		✓		✓
N.S.	✓		✓	
N.B.		✓		✓
Que.	✓		✓	
Ont.	✓		✓	
Man.		✓		✓
Sask.		✓		✓
Alta.	✓		✓	
B.C.	✓		✓	
Y.T.	✓		✓	

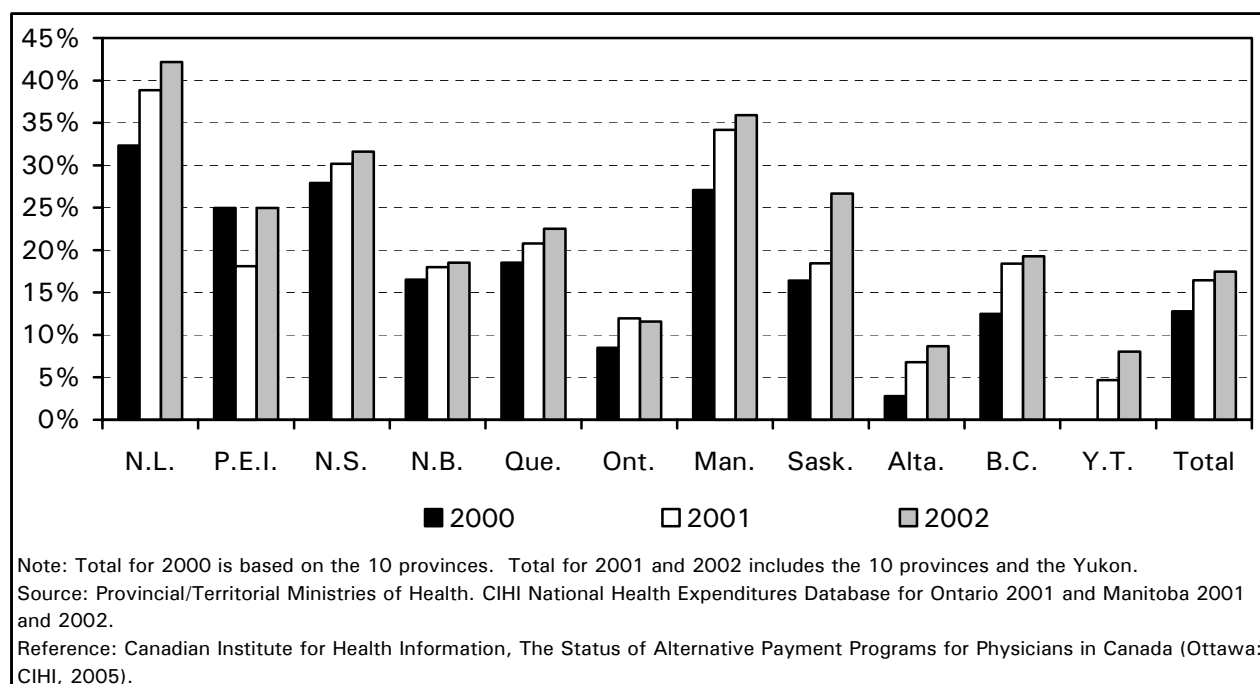
## Type of Data: Billing vs. Payment Data

All jurisdictions, except Quebec, submit payment data. Billing data reflect the full amount the physician billed the provincial medical services plan for a particular fee code item. Payment data reflect what was actually paid to the physician. The amount paid would be the billed amount less any adjustments applied due to threshold values being met, income capping or clawbacks.

Starting with the 2001–2002 data year, payments for Ontario’s J, X and Y fee codes, with suffix B, are excluded in the calculation of full-time equivalent physician counts presented in this report. Appendix A provides background information on this change in methodology and also summarizes how FTE physician count results are affected by the change.

## Payment Mode: Level of Fee-for-Service Coverage

FTE physician statistics are based on fee-for-service billing and payment information only. A variety of alternative forms of payment, such as salary and sessional payments, are commonly used across jurisdictions. Alternative forms of reimbursement are currently not submitted comprehensively to the NPDB and are, therefore, not included in the statistics presented in this report. Figure 3 gives current estimates of alternative payments as a percentage of total physician payments across jurisdictions.



**Figure 3. Physicians' Alternative Clinical Payments as a Percentage of Total Clinical Payments, 2000–2001 to 2002–2003**

Please note, each jurisdiction defines with its physician group, whether a service should be paid under a fee-for-service plan payment or an alternative plan payment. Thus, one jurisdiction may pay for a service through the fee-for-service plan, whereas, another jurisdiction may pay for the same service within an alternative plan which would not be captured in this report. In addition, jurisdictions may vary with respect to how alternative payments are allocated to physicians. For example, alternative payments may represent a relatively small percentage of income for most physicians in one province, while in another province some physicians might be paid primarily through alternative plans with others paid primarily through fee-for-service arrangements. These variations across jurisdictions can impact average payment and full-time equivalent physician results.

It is important to note that the range of physician payment information submitted to the National Physician Database varies across provinces and territories. Tables 2–1 and 2–2 present a summary of payment information submitted to the National Physician Database and indicate payment data this is included and excluded from full-time equivalent calculations.

**Table 2-1. Payment Information Submitted to the NPDB and Inclusion/Exclusion Criteria Used to Produce Full-Time Equivalent Results, 2002-2003 (Current Dollars)**

	N.L.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Total
<b>NPDB Payment Information Included in Full-Time Equivalent Calculations</b>											
Medical care plan, fee-for-service payments	111,260,135	31,669,624	238,891,345	203,992,267	1,824,181,286	3,998,322,765	292,285,076	272,249,371	1,046,965,949	1,451,123,355	9,470,941,174
Reciprocal billing payments	935,720	314,671	7,211,809	4,373,777	n/a	15,723,423	8,060,069	5,234,437	33,143,060	15,301,988	90,298,954
Subtotal - payments included in full-time equivalent calculations	112,195,855	31,984,295	246,103,155	208,366,044	1,824,181,286	4,014,046,188	300,345,146	277,483,807	1,080,109,008	1,466,425,343	9,561,240,127
<b>NPDB Payment Information Excluded From Full-Time Equivalent Calculations</b>											
Physicians with total payments less than or equal to \$0.00	(399)	0	0	0	0	0	(471)	(389)	0	0	(1,259)
All payments made to out of province, territory or country physicians*	426,730	0	0	6,244,372	9,276,540	47,843,254	0	912,392	0	1,073,937	65,777,225
Salary and sessional payments**	0	0	0	54,097,121	0	0	0	0	0	0	54,097,121
Rural retention premiums***	0	0	0	0	0	0	0	0	0	15,976,882	15,976,882
Worker's compensation board payments	0	0	0	0	70,188,053	0	0	0	0	23,094,663	93,282,716
Provincial/Territorial Insurance Corporation	0	0	0	0	0	0	0	0	0	8,404,027	8,404,027
Payments made to facilities and radiology/pathology specialists	15,687,998	2,166,718	2,977,708	26,266,951	215,427,506	1,387,093,488	45,187,271	18,510,368	147,178,598	442,284,448	2,302,781,054
Shadow billing	0	0	0	0	0	0	0	19,129,962	0	0	19,129,962
Subtotal - payments excluded from full-time equivalent calculations	16,114,330	2,166,718	2,977,708	86,608,444	294,892,099	1,434,936,741	45,186,800	38,552,332	147,178,598	490,833,957	2,559,447,727
<b>Total Payment Information Submitted to the NPDB</b>	<b>128,310,185</b>	<b>34,151,013</b>	<b>249,080,863</b>	<b>294,974,488</b>	<b>2,119,073,385</b>	<b>5,448,982,929</b>	<b>345,531,946</b>	<b>316,036,140</b>	<b>1,227,287,606</b>	<b>1,957,259,300</b>	<b>12,120,687,854</b>

\* Includes payments made to out of province, territory or country physicians through all remuneration modes and sources of payment.  
 \*\* Excludes salary and sessional payments made to out of province, territory or country physicians.  
 \*\*\* Includes rural retention premiums made through all sources of payment (e.g., worker's compensation board, insurance corporation).

**Note:** The figures have been rounded independently to the nearest dollar.  
 n/a = Not Applicable

**Table 2–2. Payment Information Submitted to the NPDB and Inclusion/Exclusion Criteria Used to Produce Full-Time Equivalent Results, 2003-2004 (Current Dollars)**

	N.L.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Total
<b>NPDB Payment Information Included in Full-Time Equivalent Calculations</b>											
Medical care plan, fee-for-service payments	137,222,996	35,438,355	252,196,420	215,553,286	1,973,492,483	4,100,167,766	308,041,219	285,764,820	1,046,965,949	1,479,482,234	9,834,325,528
Reciprocal billing payments	1,134,270	347,314	7,684,677	4,675,273	n/a	15,975,519	8,391,642	5,358,554	33,143,060	16,391,921	93,102,230
Subtotal - payments included in full-time equivalent calculations	138,357,266	35,785,669	259,881,097	220,228,560	1,973,492,483	4,116,143,285	316,432,861	291,123,373	1,080,109,008	1,495,874,156	9,927,427,758
<b>NPDB Payment Information Excluded From Full-Time Equivalent Calculations</b>											
Physicians with total payments less than or equal to \$0.00	(40)	0	0	(373)	0	0	(1,918)	(481)	0	0	(2,812)
All payments made to out of province, territory or country physicians*	431,271	0	0	6,509,230	9,698,170	55,516,039	0	615,645	0	2,134,545	74,904,899
Salary and sessional payments**	0	0	0	73,389,272	0	0	0	0	0	0	73,389,272
Rural retention premiums***	0	0	0	0	0	0	0	0	0	32,619,174	32,619,174
Worker's compensation board payments	0	0	0	0	70,892,451	0	0	0	0	23,571,095	94,463,546
Provincial/Territorial Insurance Corporation	0	0	0	0	0	0	0	0	0	8,769,909	8,769,909
Payments made to facilities and radiology/pathology specialists	18,920,139	2,317,580	3,033,692	27,018,768	237,165,096	1,447,852,740	46,643,841	19,127,208	153,272,455	463,954,307	2,419,305,825
Shadow billing	0	0	0	0	0	0	0	20,964,450	0	0	20,964,450
Subtotal - payments excluded from full-time equivalent calculations	19,351,370	2,317,580	3,033,692	106,916,896	317,755,717	1,503,368,779	46,641,923	40,706,822	153,272,455	531,049,030	2,724,414,263
<b>Total Payment Information Submitted to the NPDB</b>	<b>157,708,636</b>	<b>38,103,249</b>	<b>262,914,789</b>	<b>327,145,456</b>	<b>2,291,248,200</b>	<b>5,619,512,064</b>	<b>363,074,784</b>	<b>331,830,196</b>	<b>1,233,381,463</b>	<b>2,026,923,186</b>	<b>12,651,842,021</b>

\* Includes payments made to out of province, territory or country physicians through all remuneration modes and sources of payment.

\*\* Excludes salary and sessional payments made to out of province, territory or country physicians.

\*\*\* Includes rural retention premiums made through all sources of payment (e.g., worker's compensation board, insurance corporation).

**Note:** The figures have been rounded independently to the nearest dollar.

n/a = Not Applicable

## Population Data

Canadian population figures used in this publication are compiled by the Demography Division of Statistics Canada. Statistics Canada prepares, by special request, estimates of the “covered population” for use with the NPDB data. The covered population reflects people who received medical services paid for by provincial medical insurance programs. The covered population is the total population less members of the Royal Canadian Mounted Police, Canadian Armed Forces personnel and inmates in federal and provincial penitentiaries. These groups of people have their medical services covered by a federal medical insurance program. Estimates are for October 1 of the given year and are revised annually. See Appendix B for the net population data.

**Note to Readers:** Readers wishing further information on data provided through the cooperation of Statistics Canada may obtain copies of related publications by mail from: Publication Sales, Statistics Canada, Ottawa, Ontario K1A 0K9, by calling (613) 951-7277 or 1-800-267-6677 (toll free). Readers may also fax their order to (613) 951-1584.

## Data Quality

### Error/Validation Routines

The NPDB files are derived from provincial and territorial administrative systems, and edit checks are conducted on the data prior to processing the NPDB files. As CIHI has no control over provincial and territorial edit checks, all data files received by CIHI are processed through the NPDB error/validation routines. The error/validation routines are limited in scope because the data cannot be confirmed against the source. Error/validation routines include review of the total record counts, service counts and dollar amounts for each file, checking each value in the fields against acceptable values, checking for invalid fee codes, checking for Unique Physician Identifier (UPI) numbers in illogical formats and logical review of the processed data. Any files that do not pass through the error/validation routines are returned to data providers for correction and subsequent re-submission.

### Additional Data Quality Checks

Service counts, dollar amounts and other economic indicators are validated against previous years' data and provincial and territorial annual reports.

Data providers are given the opportunity to review their own data for validity and consistency. This publication was reviewed and authorized by the provincial and territorial medical insurance plan authorization officers prior to publication. For a complete list of the provincial and territorial authorization officers, please see Appendix C.

## **Data Definitions**

### **Fee-for-Service Physicians**

A fee-for-service physician is defined as a physician who has billed at least one cent in the jurisdiction's fee-for-service payment plan. Only the payments from the fee-for-service payment plan are included in this report. For example, if a physician billed \$1 in the fee-for-service plan and received \$200,000 from an alternative payment plan, only the \$1 appears in this report.

### **Full-Time Equivalent (FTE)**

"FTE" is a measure that is used to estimate whether a physician is working full-time versus part-time.

### **Province or Territory of Practice**

"Province or territory of practice" is the jurisdiction where the physician is registered and receives payments from the provincial or territorial medical care plan. Physicians may practise in more than one jurisdiction in a given fiscal year. For example, the physician may move from one province to another during the fiscal year, or may provide services in two provinces on a regular basis (for example, a physician providing services in provincial border areas such as Ottawa-Gatineau). This can result in the double counting of physicians (except at the national level, where physician counts are not based on province or territory of practice).

It should be noted that in 2000–2001, Saskatchewan changed its policy allowing those physicians granted a locum license by the College of Physicians and Surgeons of Saskatchewan for more than eleven months to obtain their own billing number. The policy amendment also applied to locums for shorter periods of time where the College indicated the physicians' intent to establish a practice for a period of more than eleven months. This policy was further revised in April 2001, extending to all locums with the intent to practise for a period of more than three months. In previous years, these locum physicians would have billed through a sponsoring physician who had a billing number. This policy change has the effect of increasing the number of Saskatchewan physicians and full-time equivalent physicians, while at the same time reducing their average payment results.

### **Specialty**

Physician specialty designations on the NPDB are assigned by the provincial and territorial medical care plans and grouped within the NPDB to a national equivalent. Of the two specialties (latest acquired certified specialty and plan payment specialty), the latter is used for the purposes of this report.

In three provinces, Nova Scotia, Quebec and British Columbia, data for public health specialists are reported in the family medicine figures. For all provinces and territories, uncertified specialists and community medicine are also grouped with family medicine, except in Ontario, where community medicine, public health, occupational medicine and pediatric cardiology are received as internal medicine specialties. Internal medicine includes

the sub-specialties such as cardiology, gastroenterology, haematology, rheumatology, genetics and medical oncology. Psychiatry includes neuropsychiatry. Neurology includes EEG specialists, and physical medicine includes specialists in electromyography. Specialists in the double specialty of ophthalmology/otolaryngology are included with the ophthalmologists.

Additionally, the very few plastic surgeons and urologists in Prince Edward Island are grouped into the general surgery category for privacy and confidentiality reasons.

Physicians in Quebec may have two different statuses that include two different specialties: one for in-province billings and one for billings outside Quebec. These two different statuses appear on the 35 file (Physician Characteristics File) as two different records with the same Unique Physician Identifier, which results in duplicate records on the file as far as individual physicians are concerned. Only the second record is retained on the NPDB system. This results in incorrect specialty assignment for some payments. Approximately 100 physicians per year are affected by this incorrect assignment.

In 2001–2002, Saskatchewan changed how it paid foreign-certified specialists. Prior to April 2001, such physicians were grouped and paid in family medicine. Starting in April 2001, Saskatchewan's foreign-certified specialists are grouped with specialists and receive payments at 90% of specialist fee code rates and at 100% for fee codes with identical specialist/family medicine rates. As a result, some family medicine physicians are now grouped with specialist physicians, thus increasing the specialist physician count and reducing the family medicine physician count.

For a complete listing of the specialty designations and their groupings please see Appendix D.

### **Unique Physician Identifier (UPI)**

A unique identifier is created by the province or territory using components of the physician's first and last names (scrambled using an algorithm), date of birth, gender and place of Medical Doctorate (M.D.) graduation.

## **Computations**

### **Counts**

All counts are based on the number of physicians receiving payments from each provincial plan on a fee-for-service basis. Canada totals represent the sum of the provincial numbers. Concurrently registered physicians will appear as separate physicians in each province, and will be double counted at the national level.

## FTE Measure

1. Select a base year for estimation. The current base year is 2000–2001.
  2. Create a national base year FTE database.
    - Select from the NPDB all the records for physicians who received at least one fee-for-service payment during each quarter of the base year, within one or more jurisdictions.
    - To eliminate the interprovincial differences in payments that are due to differences in fee levels, adjust the gross income of each physician by the relevant Physician Services Benefit Rates (PSBR) index.
    - Create seventeen national-level medical specialty files corresponding to the medical specialty groups reported in the Full-Time Equivalent Physicians Report. Physicians are assigned to the single national medical specialty file that accounts for the majority of their payments. The national medical specialty data files contain each physician's total payments in the base year.
- Note:** FTE statistics are not calculated for physicians in the specialties of radiology or laboratory medicine. Physicians who received payments under more than one specialty during the year are assigned to the specialty under which they received the majority of their payments.
3. Calculate base year lower and upper benchmarks.
    - Within each specialty, rank the payment amounts and establish the distribution of physicians by payment levels.
    - Label the payment value corresponding to the 40th percentile rank as the national lower benchmark and the 60th percentile as the national upper benchmark.
    - To calculate the provincial lower and upper benchmarks, adjust the national benchmarks by the PSBR index.
  4. Calculate the benchmarks for years other than the base year.
    - Inflate (or deflate for years prior to the base year) the provincial benchmarks for each specialty using specialty-specific annual fee increase percentages.
  5. Create FTE database for estimation.
    - Select from the NPDB all the records for physicians who received at least one fee payment during a fiscal year for services provided within the physician's province of practice to in-province patients.
    - Create for each province and each specialty a data set that includes each physician's total billing in the fiscal year.



6. Calculate the FTE statistics.

- Count physicians with payments within or equal to the benchmarks as 1 FTE.
- Count physicians with payments below the lower benchmark as a fraction of an FTE equal to the ratio of their payments to the lower benchmark.
- Count physicians with payments above the upper benchmark using a log-linear relationship, that is, as 1 FTE plus the logarithm of the ratio of his/her payments to the upper benchmark.

## **Data Limitations**

### **Data Exclusions**

Medical services covered by third parties, such as hospital insurance and workers' compensation plans, are not included in this report. The data also exclude certain categories of persons, among them, members of the Armed Forces and of the Royal Canadian Mounted Police and inmates of federal and provincial penitentiaries who are covered under other public programs (these persons account for less than half of one percent of the total population).

Certain payments made directly by patients are also omitted; for example, amounts extra-billed or balance-billed by physicians and the costs of plastic surgery for cosmetic purposes.

Yukon data are currently not included in CIHI Full-Time Equivalent Physician and Average Payment Per Physician Reports. At the present time full-time equivalent (FTE) benchmarks have not been established for medical specialty groups within the Yukon Territory. FTE benchmarks are required to perform calculations for both the average payment and full-time equivalent physician reports. CIHI will work to establish FTE benchmarks for the Yukon, thus permitting the inclusion of Yukon results within future Average Payment Per Physician and Full-Time Equivalent Physician Reports.

### **Negative Numbers**

Negative numbers may appear in the data tables because of adjustments that have been applied by the provinces or territories to the payments. These negative numbers are anomalies in the data and should be treated as such. These negative numbers are excluded from the Average Payment per Physician report as well as the Full-Time Equivalent report.

### **Specialty Designations**

Provinces and territories are requested to provide two types of specialty information on the NPDB files—latest acquired certified specialty and payment plan specialty. The latest acquired certified specialty is the most recently acquired specialty designation from the Royal College of Physicians and Surgeons of Canada, the Collège des médecins du Québec and the College of Family Physicians of Canada. The payment plan specialty may or may not be different from the latest certified specialty and should reflect the specialty area in

which the physician provides the majority of his or her services. The payment plan specialty is not provided by all provinces and territories.

For the purpose of this report, the payment plan specialty is used. Provinces and territories may provide latest certified specialty instead of plan payment specialty if they do not have the plan payment specialty information available. The latest certified specialty may or may not coincide with specialty orientation of the work actually carried out by a physician.

Additionally, any physicians who practised under more than one specialty during the fiscal year were assigned the specialty under which they received the majority of their payments.

CIHI full-time equivalent physician statistics may vary from provincial and territorial annual statistics because of differences in the way specialties are grouped. For example, CIHI groups neuropsychiatry in with psychiatry, whereas Quebec groups it with neurology. CIHI includes electromyography with physical medicine, whereas Quebec does not. The subspecialties that constitute CIHI's internal medicine specialty are reported individually in Quebec reports. Please see Appendix D for CIHI specialty groupings.

## **Radiology and Pathology (Laboratory) Physicians**

Radiologists, pathologists and laboratory directors are excluded from this report. Payments for radiology and laboratory services performed by a physician who is neither a radiologist, pathologist nor laboratory director are included. Medical care plan fee payments to radiologists or pathologists are nil or very small in the four Atlantic provinces, relatively small in Quebec, but substantial in other jurisdictions. Omitting such payments in all provinces improves interprovincial comparability. See Appendix E for information on the extent of fee-for-service payments for radiology and laboratory services that are included in the NPDB data files, but excluded from this report.

## **2002–2003 Data**

Full-time equivalent results for fiscal year 2002–2003, previously published in CIHI's report titled *Full-Time Equivalent Physicians Report, Canada, 2002–2003*, have been updated. The current report's 2002–2003 data reflect updated information for the following provinces: Prince Edward Island, Quebec, Saskatchewan, Alberta, Ontario and Manitoba. Quebec re-submitted data for year 2002–2003, affecting all 2002–2003 data series presented in this report. As for the rest of the provinces, fee schedule increase/decrease values, used in the benchmarks calculation, were updated and affect all 2002–2003 data series as well.

There was also a programming change implemented due to the discovery that some physician payments were not summed to one unique physician. This change affects all the data series in this report for all jurisdictions.

## Privacy and Confidentiality

CIHI employs a variety of safeguards to protect the privacy and confidentiality of physician data. These include:

### Unique Physician Identifier (UPI)

Physician names are not used on the provincial and territorial files. Instead, a Unique Physician Identifier (UPI) is generated by the data provider using components of the physician's name, date of birth, gender and place of Medical Doctorate (M.D.) graduation. The name portion of the UPI is scrambled using an algorithm known only to the province or territory. This algorithm is the same across jurisdictions. The UPI helps protect the privacy and confidentiality of the physician and allows for the tracking of the physician throughout their career in Canada.

### Data Suppression

In preparing the Full-Time Equivalent Physicians Report for publication, CIHI suppresses data for medical specialty groups consisting of one to four physicians within a jurisdiction. Suppressed data are excluded from all counts, both FTE and head counts. Suppressed data are excluded from results reported within jurisdictions as well as for results reported in the "Total" column.

### NPDB Data Access/Release Policy

The release of data from the NPDB is governed by the NPDB Data Access/Release Policy, which was established by the provincial and territorial ministries of health and is administered by CIHI. Depending on the type of client, the level of data aggregation, the province or territory and indicator of interest, CIHI may not be able to release data to the client without prior approval from the province or territory. Additionally, any cell counts between one and four are suppressed and are aggregated to the next level. This policy is in place to help protect the privacy and confidentiality of the physicians.

### CIHI Privacy and Confidentiality Policy

The release of any data from NPDB, whether as a regular product or as a custom request, is governed by CIHI's *Principles and Policies for the Protection of Personal Health Information and Policies for Institution-Identifiable Information*. Refer to CIHI's Web site ([www.cihi.ca](http://www.cihi.ca)) for further information or to obtain a copy of the policies and procedures document.

## **Products and Services**

There are three types of products that are generated from the NPDB—ad hoc requests, publications and special projects. Ad hoc requests are generally short queries that do not require major programming resources. Service counts and dollar amounts by specific fee codes or procedures are the most common forms of an ad hoc request. Most ad hoc requests can be handled through standard reports that are generated annually. The following series of publications, among others, are currently available:

- *Average Payment per Physician Report, Canada*
- *Full-Time Equivalent Physicians Report, Canada*
- *National Grouping System Categories Report, Canada*
- *Reciprocal Billing Report, Canada*

For details on publication years and reporting periods covered by these reports, please refer to the CIHI Web site ([www.cihi.ca](http://www.cihi.ca)).

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.

## **Data Tables**



**Table 1–1. Full-Time Equivalent Fee-for-Service Physicians by Year and Type of Practice**

	N.L.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Total
<b>2002–2003</b>											
Family Medicine	333.57	104.05	621.48	474.61	5,368.97	9,580.18	712.09	767.83	2,432.58	3,312.79	23,708.15
Medical Specialties	155.17	23.61	209.79	208.98	3,633.51	6,094.69	505.76	292.93	1,110.00	1,569.46	13,803.90
Surgical Specialties	96.42	24.49	211.19	168.25	1,634.44	2,729.97	220.42	211.19	549.31	738.03	6,583.71
Total Specialties	251.59	48.10	420.98	377.23	5,267.95	8,824.66	726.18	504.12	1,659.31	2,307.49	20,387.61
<b>Total Physicians</b>	<b>585.16</b>	<b>152.15</b>	<b>1,042.46</b>	<b>851.84</b>	<b>10,636.92</b>	<b>18,404.84</b>	<b>1,438.27</b>	<b>1,271.95</b>	<b>4,091.89</b>	<b>5,620.28</b>	<b>44,095.76</b>
<b>2003–2004</b>											
Family Medicine	344.91	106.24	627.25	471.70	5,386.62	9,365.22	707.80	744.40	2,321.18	3,364.63	23,439.95
Medical Specialties	164.56	27.67	212.27	208.57	3,710.08	5,979.96	504.81	281.49	1,049.81	1,599.88	13,739.10
Surgical Specialties	97.61	26.79	214.63	173.52	1,626.82	2,740.45	218.25	203.12	524.38	755.50	6,581.07
Total Specialties	262.17	54.46	426.90	382.09	5,336.90	8,720.41	723.06	484.61	1,574.19	2,355.38	20,320.17
<b>Total Physicians</b>	<b>607.08</b>	<b>160.70</b>	<b>1,054.15</b>	<b>853.79</b>	<b>10,723.52</b>	<b>18,085.63</b>	<b>1,430.86</b>	<b>1,229.01</b>	<b>3,895.37</b>	<b>5,720.01</b>	<b>43,760.12</b>

Source: NPDB, CIHI.

**Table 1–2. Percent Change in Full-Time Equivalent Fee-for-Service Physicians from Year to Year by Type of Practice**

	N.L.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Total
<b>2002–2003 to 2003–2004</b>											
Family Medicine	3.40	2.10	0.93	-0.61	0.33	-2.24	-0.60	-3.05	-4.58	1.56	-1.13
Medical Specialties	6.05	17.20	1.18	-0.20	2.11	-1.88	-0.19	-3.91	-5.42	1.94	-0.47
Surgical Specialties	1.23	9.39	1.63	3.13	-0.47	0.38	-0.98	-3.82	-4.54	2.37	-0.04
Total Specialties	4.21	13.22	1.41	1.29	1.31	-1.18	-0.43	-3.87	-5.13	2.08	-0.33
<b>Total Physicians</b>	<b>3.75</b>	<b>5.62</b>	<b>1.12</b>	<b>0.23</b>	<b>0.81</b>	<b>-1.73</b>	<b>-0.52</b>	<b>-3.38</b>	<b>-4.80</b>	<b>1.77</b>	<b>-0.76</b>

Source: NPDB, CIHI.

**Notes**

Based on gross payments.

Base year 2000–2001.

Alternative forms of reimbursement, such as salary and sessional, are not included.

Quebec’s re-submitted 2002–2003 and 2003–2004 data were not received in time for this publication. The re-submitted data are not expected to affect physician total payment information.

Please refer to Tables 4–1 to 5–21 for detailed footnotes by specialty.

**Table 2–1. Full-Time Equivalent Fee-for-Service Physicians by Specialty, 2002–2003**

	N.L.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Total
<b>Family Medicine</b>	<b>333.57</b>	<b>104.05</b>	<b>621.48</b>	<b>474.61</b>	<b>5,368.97</b>	<b>9,580.18</b>	<b>712.09</b>	<b>767.83</b>	<b>2,432.58</b>	<b>3,312.79</b>	<b>23,708.15</b>
<b>Medical Specialties</b>	<b>155.17</b>	<b>23.61</b>	<b>209.79</b>	<b>208.98</b>	<b>3,633.51</b>	<b>6,094.69</b>	<b>505.76</b>	<b>292.93</b>	<b>1,110.00</b>	<b>1,569.46</b>	<b>13,803.90</b>
Internal Medicine	72.09	11.95	62.70	85.46	1,432.16	2,320.31	161.04	121.04	347.68	521.31	5,135.74
Neurology	5.55	*	7.13	15.65	183.03	190.49	15.50	17.17	40.92	64.50	539.94
Psychiatry	22.63	3.33	46.06	26.81	801.49	1,704.78	117.37	43.40	317.11	419.33	3,502.31
Pediatrics	21.38	3.87	16.24	23.76	465.21	753.50	87.37	33.48	178.04	169.94	1,752.79
Dermatology	5.42	*	8.77	5.09	165.35	157.31	10.69	4.42	39.67	48.59	445.31
Physical Medicine	n/a	n/a	4.64	3.47	85.49	136.46	13.43	3.61	14.70	22.25	284.05
Anesthesia	28.10	4.46	64.25	48.74	500.78	831.84	100.36	69.81	171.88	323.54	2,143.76
<b>Surgical Specialties</b>	<b>96.42</b>	<b>24.49</b>	<b>211.19</b>	<b>168.25</b>	<b>1,634.44</b>	<b>2,729.97</b>	<b>220.42</b>	<b>211.19</b>	<b>549.31</b>	<b>738.03</b>	<b>6,583.71</b>
General Surgery	23.75	10.97	48.58	33.99	371.77	652.13	56.61	50.06	116.57	137.33	1,501.76
Thoracic/Cardiovascular Surgery	2.25	n/a	13.51	8.38	58.48	53.10	14.34	8.41	22.20	46.98	227.65
Urology	7.30	*	18.55	13.98	124.95	208.75	10.46	13.80	32.52	59.07	489.38
Orthopedic Surgery	14.32	4.34	27.45	27.87	230.67	387.79	34.82	31.14	84.35	110.41	953.16
Plastic Surgery	4.97	†	11.22	11.76	79.67	157.87	13.90	13.17	37.61	48.79	378.96
Neurosurgery	*	n/a	*	3.31	40.52	60.26	*	6.82	17.09	28.36	156.36
Ophthalmology	11.38	3.45	44.75	26.44	248.04	400.86	25.60	36.75	85.15	137.08	1,019.50
Otolaryngology	11.53	*	8.63	14.25	147.40	199.89	12.37	14.27	37.74	55.09	501.17
Obstetrics/Gynecology	20.92	5.73	38.50	28.27	332.94	609.32	52.32	36.77	116.08	114.92	1,355.77
<b>Total Specialties</b>	<b>251.59</b>	<b>48.10</b>	<b>420.98</b>	<b>377.23</b>	<b>5,267.95</b>	<b>8,824.66</b>	<b>726.18</b>	<b>504.12</b>	<b>1,659.31</b>	<b>2,307.49</b>	<b>20,387.61</b>
<b>Total Physicians</b>	<b>585.16</b>	<b>152.15</b>	<b>1,042.46</b>	<b>851.84</b>	<b>10,636.92</b>	<b>18,404.84</b>	<b>1,438.27</b>	<b>1,271.95</b>	<b>4,091.89</b>	<b>5,620.28</b>	<b>44,095.76</b>

Source: NPDB, CIHI.

† Prince Edward Island plastic surgeons are included with general surgeons.

n/a = Not Applicable—There were no full-time equivalent fee-for-service physicians for this specialty for this province.

\* Data have been suppressed. Please see Methodological Notes, Data Suppression section for details.

**Notes**

Based on gross payments.

Base year 2000–2001.

Alternative forms of reimbursement, such as salary and sessional, are not included.

Quebec's re-submitted 2002–2003 and 2003–2004 data were not received in time for this publication. The re-submitted data are not expected to affect physician total payment information.

Please refer to Tables 4–1 to 4–21 for detailed footnotes by specialty.



**Table 2–2. Full-Time Equivalent Fee-for-Service Physicians by Specialty, 2003–2004**

	N.L.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Total
<b>Family Medicine</b>	<b>344.91</b>	<b>106.24</b>	<b>627.25</b>	<b>471.70</b>	<b>5,386.62</b>	<b>9,365.22</b>	<b>707.80</b>	<b>744.40</b>	<b>2,321.18</b>	<b>3,364.63</b>	<b>23,439.95</b>
<b>Medical Specialties</b>	<b>164.56</b>	<b>27.67</b>	<b>212.27</b>	<b>208.57</b>	<b>3,710.08</b>	<b>5,979.96</b>	<b>504.81</b>	<b>281.49</b>	<b>1,049.81</b>	<b>1,599.88</b>	<b>13,739.10</b>
Internal Medicine	76.09	13.27	65.80	88.20	1,501.85	2,229.73	161.75	119.00	336.43	538.77	5,130.89
Neurology	5.80	*	7.16	13.64	187.21	206.28	16.38	16.51	38.85	65.83	557.66
Psychiatry	23.44	4.69	43.30	24.48	827.38	1,686.56	114.65	41.18	309.79	421.14	3,496.61
Pediatrics	22.93	6.39	16.87	25.69	461.35	687.11	84.48	28.38	148.80	168.19	1,650.19
Dermatology	5.55	*	9.01	5.02	165.66	167.25	10.35	4.60	37.95	50.38	455.77
Physical Medicine	n/a	n/a	4.77	3.14	84.42	134.96	13.10	3.23	13.17	23.02	279.81
Anesthesia	30.75	3.32	65.36	48.40	482.21	868.07	104.10	68.59	164.82	332.55	2,168.17
<b>Surgical Specialties</b>	<b>97.61</b>	<b>26.79</b>	<b>214.63</b>	<b>173.52</b>	<b>1,626.82</b>	<b>2,740.45</b>	<b>218.25</b>	<b>203.12</b>	<b>524.38</b>	<b>755.50</b>	<b>6,581.07</b>
General Surgery	26.43	11.92	50.44	33.64	366.87	587.44	56.85	48.51	113.88	141.98	1,437.96
Thoracic/Cardiovascular Surgery	*	n/a	14.46	8.44	52.17	91.99	14.53	8.81	21.53	44.52	256.45
Urology	7.68	*	18.15	14.39	127.45	211.01	10.50	11.85	31.42	60.16	492.61
Orthopedic Surgery	15.92	4.41	27.31	29.57	232.66	400.09	35.03	28.73	83.95	115.66	973.33
Plastic Surgery	*	†	11.42	11.82	75.49	162.00	14.08	13.96	36.62	50.49	375.88
Neurosurgery	*	n/a	*	3.67	39.32	58.84	*	6.15	3.75	29.31	141.04
Ophthalmology	12.29	4.02	46.84	27.29	254.28	411.29	25.61	36.12	83.32	142.18	1,043.24
Otolaryngology	14.12	*	8.61	15.38	150.37	202.95	12.17	13.37	37.68	54.68	509.33
Obstetrics/Gynecology	21.17	6.44	37.40	29.32	328.21	614.84	49.48	35.62	112.23	116.52	1,351.23
<b>Total Specialties</b>	<b>262.17</b>	<b>54.46</b>	<b>426.90</b>	<b>382.09</b>	<b>5,336.90</b>	<b>8,720.41</b>	<b>723.06</b>	<b>484.61</b>	<b>1,574.19</b>	<b>2,355.38</b>	<b>20,320.17</b>
<b>Total Physicians</b>	<b>607.08</b>	<b>160.70</b>	<b>1,054.15</b>	<b>853.79</b>	<b>10,723.52</b>	<b>18,085.63</b>	<b>1,430.86</b>	<b>1,229.01</b>	<b>3,895.37</b>	<b>5,720.01</b>	<b>43,760.12</b>

Source: NPDB, CIHI.

† Prince Edward Island plastic surgeons are included with general surgeons.

n/a = Not Applicable—There were no full-time equivalent fee-for-service physicians for this specialty for this province.

\* Data have been suppressed. Please see Methodological Notes, Data Suppression section for details.

**Notes**

Based on gross payments.

Base year 2000–2001.

Alternative forms of reimbursement, such as salary and sessional, are not included.

Quebec’s re-submitted 2002–2003 and 2003–2004 data were not received in time for this publication. The re-submitted data are not expected to affect physician total payment information.

Please refer to Tables 5–1 to 5–21 for detailed footnotes by specialty.

**Table 3–1. Full-Time Equivalent Fee-for-Service Physicians by Year and Gender**

	N.L.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Total
<b>2002–2003</b>											
Males	457.41	129.58	768.61	654.30	7,465.47	14,115.97	1,126.06	1,022.17	3,115.77	4,408.09	33,263.43
Females	127.75	22.57	273.85	197.54	3,171.45	4,288.87	312.21	249.78	976.12	1,211.11	10,831.25
Unknown	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	1.08	1.08
<b>Total</b>	<b>585.16</b>	<b>152.15</b>	<b>1,042.46</b>	<b>851.84</b>	<b>10,636.92</b>	<b>18,404.84</b>	<b>1,438.27</b>	<b>1,271.95</b>	<b>4,091.89</b>	<b>5,620.28</b>	<b>44,095.76</b>
<b>2003–2004</b>											
Males	478.28	135.16	769.11	645.64	7,431.81	13,780.49	1,115.77	981.09	2,976.40	4,469.35	32,783.10
Females	128.80	25.54	285.04	208.15	3,291.71	4,305.14	315.09	247.92	918.97	1,249.29	10,975.65
Unknown	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	1.37	1.37
<b>Total</b>	<b>607.08</b>	<b>160.70</b>	<b>1,054.15</b>	<b>853.79</b>	<b>10,723.52</b>	<b>18,085.63</b>	<b>1,430.86</b>	<b>1,229.01</b>	<b>3,895.37</b>	<b>5,720.01</b>	<b>43,760.12</b>

Source: NPDB, CIHI.

**Table 3–2. Fee-for-Service Physician Counts by Year and Gender**

	N.L.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Total
<b>2002–2003</b>											
Males	623	155	1,041	801	8,498	14,749	1,313	1,136	3,550	5,469	37,335
Females	209	37	463	323	4,572	5,799	498	396	1,480	2,043	15,820
Unknown	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	2	2
<b>Total</b>	<b>832</b>	<b>192</b>	<b>1,504</b>	<b>1,124</b>	<b>13,070</b>	<b>20,548</b>	<b>1,811</b>	<b>1,532</b>	<b>5,030</b>	<b>7,514</b>	<b>53,157</b>
<b>2003–2004</b>											
Males	700	163	1,046	863	8,560	14,809	1,321	1,132	3,589	5,567	37,750
Females	253	42	493	350	4,864	5,976	502	397	1,532	2,120	16,529
Unknown	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	2	2
<b>Total</b>	<b>953</b>	<b>205</b>	<b>1,539</b>	<b>1,213</b>	<b>13,424</b>	<b>20,785</b>	<b>1,823</b>	<b>1,529</b>	<b>5,121</b>	<b>7,689</b>	<b>54,281</b>

Source: NPDB, CIHI.

n/a = Not Applicable—There were no full-time equivalent fee-for-service physicians for this category for this province.

**Notes**

Based on gross payments.

Base year 2000–2001.

Alternative forms of reimbursement, such as salary and sessional, are not included.

Quebec's re-submitted 2002–2003 and 2003–2004 data were not received in time for this publication. The re-submitted data are not expected to affect physician total payment information.

Please refer to Tables 4–1 to 5–21 for detailed footnotes by specialty.

**Table 3–3. Full-Time Equivalent Fee-for-Service Physicians by Year and Age Group**

	N.L.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Total
<b>2002–2003</b>											
20–29	2.94	n/a	5.09	12.02	165.14	69.79	20.48	21.56	30.67	34.89	362.58
30–39	110.83	32.38	171.87	205.31	2,304.87	3,406.63	257.76	275.61	918.75	1,000.98	8,684.99
40–49	200.03	45.99	375.19	282.59	3,795.30	5,927.15	490.70	392.03	1,471.57	1,973.05	14,953.60
50–59	184.25	40.95	325.59	212.07	2,853.90	5,464.49	407.63	335.47	1,155.97	1,769.87	12,750.19
60–69	70.86	28.71	134.18	118.57	1,242.34	2,701.98	197.85	176.97	425.42	696.38	5,793.26
70+	16.25	4.12	26.39	21.28	275.36	830.64	63.85	70.31	88.00	145.11	1,541.31
Unknown	n/a	n/a	4.15	n/a	0.01	4.16	n/a	n/a	1.51	n/a	9.83
<b>Total</b>	<b>585.16</b>	<b>152.15</b>	<b>1,042.46</b>	<b>851.84</b>	<b>10,636.92</b>	<b>18,404.84</b>	<b>1,438.27</b>	<b>1,271.95</b>	<b>4,091.89</b>	<b>5,620.28</b>	<b>44,095.76</b>
<b>2003–2004</b>											
20–29	3.83	*	3.18	8.37	185.50	46.78	16.32	15.83	17.49	21.19	318.49
30–39	118.46	32.40	170.39	196.99	2,236.15	3,197.04	242.64	246.07	831.38	1,006.66	8,278.18
40–49	206.49	45.77	364.79	296.43	3,724.82	5,649.32	466.52	385.71	1,326.70	1,946.44	14,412.99
50–59	178.53	50.34	337.29	200.17	2,968.97	5,520.97	430.02	325.59	1,194.14	1,830.52	13,036.54
60–69	81.13	29.44	140.20	131.15	1,300.43	2,793.83	206.14	183.44	426.73	749.58	6,042.07
70+	18.64	2.73	31.83	20.68	307.65	873.58	69.22	72.37	97.03	165.62	1,659.35
Unknown	n/a	0.02	6.47	n/a	n/a	4.11	n/a	n/a	1.90	n/a	12.50
<b>Total</b>	<b>607.08</b>	<b>160.70</b>	<b>1,054.15</b>	<b>853.79</b>	<b>10,723.52</b>	<b>18,085.63</b>	<b>1,430.86</b>	<b>1,229.01</b>	<b>3,895.37</b>	<b>5,720.01</b>	<b>43,760.12</b>

Source: NPDB, CIHI.

n/a = Not Applicable—There were no full-time equivalent fee-for-service physicians for this category for this province.

\* For this data series, the data have been suppressed by rolling the suppressed values into the "Unknown" category.

**Notes**

Based on gross payments.

Base year 2000–2001.

Alternative forms of reimbursement, such as salary and sessional, are not included.

Quebec's re-submitted 2002–2003 and 2003–2004 data were not received in time for this publication. The re-submitted data are not expected to affect physician total payment information.

Please refer to Tables 4–1 to 5–21 for detailed footnotes by specialty.

**Table 3–4. Fee-for-Service Physician Counts by Year and Age Group**

	N.L.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Total
<b>2002–2003</b>											
20–29	14	n/a	16	29	277	130	35	37	68	74	680
30–39	225	53	327	311	3,012	4,397	408	377	1,270	1,516	11,896
40–49	268	55	513	351	4,407	6,206	581	449	1,713	2,494	17,037
50–59	205	45	390	238	3,333	5,292	446	366	1,267	2,116	13,698
60–69	87	30	187	150	1,543	2,926	225	201	519	973	6,841
70+	33	9	63	45	497	1,452	116	102	189	341	2,847
Unknown	n/a	n/a	8	n/a	1	145	n/a	n/a	4	n/a	158
<b>Total</b>	<b>832</b>	<b>192</b>	<b>1,504</b>	<b>1,124</b>	<b>13,070</b>	<b>20,548</b>	<b>1,811</b>	<b>1,532</b>	<b>5,030</b>	<b>7,514</b>	<b>53,157</b>
<b>2003–2004</b>											
20–29	19	*	9	24	286	110	28	28	59	48	611
30–39	264	53	321	333	2,935	4,245	394	357	1,297	1,527	11,726
40–49	311	57	515	395	4,457	6,196	579	459	1,651	2,483	17,103
50–59	221	52	418	236	3,510	5,511	469	363	1,368	2,210	14,358
60–69	103	31	197	170	1,683	3,084	232	214	534	1,044	7,292
70+	35	8	70	55	553	1,504	121	108	207	377	3,038
Unknown	n/a	4	9	n/a	n/a	135	n/a	n/a	5	n/a	153
<b>Total</b>	<b>953</b>	<b>205</b>	<b>1,539</b>	<b>1,213</b>	<b>13,424</b>	<b>20,785</b>	<b>1,823</b>	<b>1,529</b>	<b>5,121</b>	<b>7,689</b>	<b>54,281</b>

Source: NPDB, CIHI.

n/a = Not Applicable—There were no full-time equivalent fee-for-service physicians for this category for this province.

\* For this data series, the data have been suppressed by rolling the suppressed values into the "Unknown" category.

**Notes**

Based on gross payments.

Base year 2000–2001.

Alternative forms of reimbursement, such as salary and sessional, are not included.

Quebec's re-submitted 2002–2003 and 2003–2004 data were not received in time for this publication. The re-submitted data are not expected to affect physician total payment information.

Please refer to Tables 4–1 to 5–21 for detailed footnotes by specialty.

**Table 3–5. Full-Time Equivalent Fee-for-Service Physicians by Year and Place of MD Graduation**

	N.L.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Total
<b>2002–2003</b>											
Canada	388.85	133.21	790.30	710.12	9,370.41	13,625.45	931.68	523.71	2,834.05	3,937.59	33,245.37
U.S.A.	5.29	*	8.66	2.70	64.32	119.53	4.85	3.84	27.88	51.50	288.57
Other	187.57	18.41	233.22	136.49	0.01	4,659.72	501.74	744.40	1,205.47	1,521.95	9,208.98
Unknown	3.45	0.53	10.28	2.53	1,202.18	0.14	n/a	n/a	24.49	109.24	1,352.84
<b>Total</b>	<b>585.16</b>	<b>152.15</b>	<b>1,042.46</b>	<b>851.84</b>	<b>10,636.92</b>	<b>18,404.84</b>	<b>1,438.27</b>	<b>1,271.95</b>	<b>4,091.89</b>	<b>5,620.28</b>	<b>44,095.76</b>
<b>2003–2004</b>											
Canada	394.97	136.85	793.09	708.37	9,463.85	13,374.15	919.06	510.22	2,683.92	3,990.95	32,975.43
U.S.A.	5.94	*	8.72	3.57	60.60	114.56	4.98	4.15	25.33	50.43	278.28
Other	202.41	19.35	238.80	134.91	0.02	4,596.90	506.82	714.64	1,163.62	1,565.75	9,143.22
Unknown	3.76	4.50	13.54	6.94	1,199.05	0.02	n/a	n/a	22.50	112.88	1,363.19
<b>Total</b>	<b>607.08</b>	<b>160.70</b>	<b>1,054.15</b>	<b>853.79</b>	<b>10,723.52</b>	<b>18,085.63</b>	<b>1,430.86</b>	<b>1,229.01</b>	<b>3,895.37</b>	<b>5,720.01</b>	<b>43,760.12</b>

Source: NPDB, CIHI.

**Table 3–6. Fee-for-Service Physician Counts by Year and Place of MD Graduation**

	N.L.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Total
<b>2002–2003</b>											
Canada	475	160	1,109	922	11,526	15,741	1,203	676	3,581	5,366	40,759
U.S.A.	7	*	19	9	84	161	9	7	34	81	411
Other	339	29	352	184	1	4,641	599	849	1,385	1,929	10,308
Unknown	11	3	24	9	1,459	5	n/a	n/a	30	138	1,679
<b>Total</b>	<b>832</b>	<b>192</b>	<b>1,504</b>	<b>1,124</b>	<b>13,070</b>	<b>20,548</b>	<b>1,811</b>	<b>1,532</b>	<b>5,030</b>	<b>7,514</b>	<b>53,157</b>
<b>2003–2004</b>											
Canada	519	163	1,128	974	11,852	15,911	1,200	672	3,663	5,504	41,586
U.S.A.	8	*	17	10	80	161	10	8	33	81	408
Other	415	32	366	206	1	4,709	613	849	1,395	1,967	10,553
Unknown	11	10	28	23	1,491	4	n/a	n/a	30	137	1,734
<b>Total</b>	<b>953</b>	<b>205</b>	<b>1,539</b>	<b>1,213</b>	<b>13,424</b>	<b>20,785</b>	<b>1,823</b>	<b>1,529</b>	<b>5,121</b>	<b>7,689</b>	<b>54,281</b>

Source: NPDB, CIHI.

n/a = Not Applicable—There were no full-time equivalent fee-for-service physicians for this category for this province.

\* For this data series, the data have been suppressed by rolling the suppressed values into the "Other" category.

**Notes**

Based on gross payments.

Base year 2000–2001.

Alternative forms of reimbursement, such as salary and sessional, are not included.

Quebec's re-submitted 2002–2003 and 2003–2004 data were not received in time for this publication. The re-submitted data are not expected to affect physician total payment information.

Please refer to Tables 4–1 to 5–21 for detailed footnotes by specialty.

**Table 4–1. Full-Time Equivalent Fee-for-Service Physicians, 2002–2003****Family Medicine**

	N.L.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Total
<b>Below the Lower Benchmark</b>											
# Physicians	279	57	558	387	3,359	4,932	491	458	1,577	2,817	14,915
# of FTE's	75.03	16.81	234.67	164.13	1,551.42	2,133.47	183.21	157.08	836.33	1,413.22	6,765.37
<b>Within the Benchmarks</b>											
# Physicians and FTE's	54	12	190	117	1,457	1,615	130	128	569	962	5,234
<b>Above the Higher Benchmark</b>											
# Physicians	156	55	160	153	1,962	4,360	306	363	803	784	9,102
# of FTE's	204.54	75.24	196.81	193.48	2,360.55	5,831.71	398.88	482.75	1,027.25	937.57	11,708.78
<b>Total Physicians</b>											
# Physicians	489	124	908	657	6,778	10,907	927	949	2,949	4,563	29,251
# of FTE's	333.57	104.05	621.48	474.61	5,368.97	9,580.18	712.09	767.83	2,432.58	3,312.79	23,708.15

Source: NPDB, CIHI.

**Table 4–2. Full-Time Equivalent Fee-for-Service Physicians, 2002–2003****Medical Specialists**

	N.L.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Total
<b>Below the Lower Benchmark</b>											
# Physicians	100	27	216	135	2,275	2,769	318	183	879	991	7,893
# of FTE's	19.93	9.65	88.82	56.80	1,163.53	1,160.90	144.06	88.45	397.65	479.78	3,609.57
<b>Within the Benchmarks</b>											
# Physicians and FTE's	26	1	64	39	813	1,113	114	59	217	426	2,872
<b>Above the Higher Benchmark</b>											
# Physicians	79	10	47	84	1,258	2,716	185	101	359	520	5,359
# of FTE's	109.24	12.96	56.97	113.18	1,656.98	3,820.79	247.70	145.48	495.35	663.68	7,322.33
<b>Total Physicians</b>											
# Physicians	205	38	327	258	4,346	6,598	617	343	1,455	1,937	16,124
# of FTE's	155.17	23.61	209.79	208.98	3,633.51	6,094.69	505.76	292.93	1,110.00	1,569.46	13,803.90

Source: NPDB, CIHI.

**Notes**

Benchmarks are based on the 40th and 60th percentiles.

Base year 2000–2001.

Based on gross payments.

Alternative forms of reimbursement, such as salary and sessional, are not included.

Quebec's re-submitted 2002–2003 and 2003–2004 data were not received in time for this publication. The re-submitted data are not expected to affect physician total payment information.

**Table 4–3. Full-Time Equivalent Fee-for-Service Physicians, 2002–2003**

**Internal Medicine**

	N.L.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Total
<b>Below the Lower Benchmark</b>											
# Physicians	31	13	74	41	909	1,120	160	70	305	267	2,990
# of FTE's	5.51	1.79	27.79	10.03	441.19	468.66	63.79	32.04	103.08	118.90	1,272.78
<b>Within the Benchmarks</b>											
# Physicians and FTE's	12	1	21	16	364	413	34	14	75	129	1,079
<b>Above the Higher Benchmark</b>											
# Physicians	39	7	12	43	497	976	45	51	117	198	1,985
# of FTE's	54.58	9.16	13.91	59.43	626.97	1,438.65	63.25	75.00	169.60	273.41	2,783.96
<b>Total Physicians</b>											
# Physicians	82	21	107	100	1,770	2,509	239	135	497	594	6,054
# of FTE's	72.09	11.95	62.70	85.46	1,432.16	2,320.31	161.04	121.04	347.68	521.31	5,135.74

Source: NPDB, CIHI.

**Table 4–4. Full-Time Equivalent Fee-for-Service Physicians, 2002–2003**

**Neurology**

	N.L.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Total
<b>Below the Lower Benchmark</b>											
# Physicians	6	*	5	2	89	99	12	4	49	41	307
# of FTE's	1.94	*	2.92	1.59	41.11	44.61	5.35	2.11	17.31	17.49	134.43
<b>Within the Benchmarks</b>											
# Physicians and FTE's	2	*	1	1	39	32	1	4	14	19	113
<b>Above the Higher Benchmark</b>											
# Physicians	1	*	2	9	76	80	7	7	7	23	212
# of FTE's	1.61	*	3.21	13.06	102.92	113.88	9.15	11.06	9.61	28.01	292.51
<b>Total Physicians</b>											
# Physicians	9	*	8	12	204	211	20	15	70	83	632
# of FTE's	5.55	*	7.13	15.65	183.03	190.49	15.50	17.17	40.92	64.50	539.94

Source: NPDB, CIHI.

\* Data have been suppressed. Please see Methodological Notes, Data Suppression section for details.

**Notes**

Benchmarks are based on the 40th and 60th percentiles.

Base year 2000–2001.

Based on gross payments.

Alternative forms of reimbursement, such as salary and sessional, are not included.

Quebec's re-submitted 2002–2003 and 2003–2004 data were not received in time for this publication. The re-submitted data are not expected to affect physician total payment information.

**Table 4–5. Full-Time Equivalent Fee-for-Service Physicians, 2002–2003****Psychiatry**

	N.L.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Total
<b>Below the Lower Benchmark</b>											
# Physicians	11	3	52	25	593	686	64	21	96	319	1,870
# of FTE's	2.13	0.53	19.86	7.55	302.87	317.61	31.42	11.60	53.65	172.93	920.15
<b>Within the Benchmarks</b>											
# Physicians and FTE's	1	0	17	4	181	329	27	9	59	135	762
<b>Above the Higher Benchmark</b>											
# Physicians	13	2	7	12	225	759	45	14	152	93	1,322
# of FTE's	19.50	2.80	9.20	15.26	317.62	1,058.17	58.95	22.80	204.46	111.40	1,820.16
<b>Total Physicians</b>											
# Physicians	25	5	76	41	999	1,774	136	44	307	547	3,954
# of FTE's	22.63	3.33	46.06	26.81	801.49	1,704.78	117.37	43.40	317.11	419.33	3,502.31

Source: NPDB, CIHI.

**Table 4–6. Full-Time Equivalent Fee-for-Service Physicians, 2002–2003****Pediatrics**

	N.L.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Total
<b>Below the Lower Benchmark</b>											
# Physicians	28	4	20	24	252	413	43	44	168	136	1,132
# of FTE's	4.45	2.87	6.75	7.52	116.71	108.21	19.57	18.44	74.11	59.00	417.63
<b>Within the Benchmarks</b>											
# Physicians and FTE's	3	0	7	5	122	119	21	8	32	56	373
<b>Above the Higher Benchmark</b>											
# Physicians	9	1	2	8	167	364	31	5	55	44	686
# of FTE's	13.93	1.00	2.49	11.24	226.50	526.29	46.80	7.04	71.93	54.94	962.16
<b>Total Physicians</b>											
# Physicians	40	5	29	37	541	896	95	57	255	236	2,191
# of FTE's	21.38	3.87	16.24	23.76	465.21	753.50	87.37	33.48	178.04	169.94	1,752.79

Source: NPDB, CIHI.

**Notes**

Benchmarks are based on the 40th and 60th percentiles.

Base year 2000–2001.

Based on gross payments.

Alternative forms of reimbursement, such as salary and sessional, are not included.

Quebec's re-submitted 2002–2003 and 2003–2004 data were not received in time for this publication. The re-submitted data are not expected to affect physician total payment information.



**Table 4–7. Full-Time Equivalent Fee-for-Service Physicians, 2002–2003**

**Dermatology**

	N.L.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Total
<b>Below the Lower Benchmark</b>											
# Physicians	2	*	12	6	84	76	7	2	11	42	242
# of FTE's	1.29	*	7.28	4.09	50.53	31.33	5.20	0.17	5.28	21.88	127.05
<b>Within the Benchmarks</b>											
# Physicians and FTE's	2	*	0	1	32	29	3	3	6	12	88
<b>Above the Higher Benchmark</b>											
# Physicians	2	*	1	0	68	76	2	1	19	11	180
# of FTE's	2.13	*	1.49	0.00	82.82	96.98	2.49	1.25	28.39	14.71	230.26
<b>Total Physicians</b>											
# Physicians	6	*	13	7	184	181	12	6	36	65	510
# of FTE's	5.42	*	8.77	5.09	165.35	157.31	10.69	4.42	39.67	48.59	445.31

Source: NPDB, CIHI.

**Table 4–8. Full-Time Equivalent Fee-for-Service Physicians, 2002–2003**

**Physical Medicine**

	N.L.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Total
<b>Below the Lower Benchmark</b>											
# Physicians	n/a	n/a	3	3	21	50	5	4	24	41	151
# of FTE's	n/a	n/a	2	1	11	24	2	1	11	15	67.43
<b>Within the Benchmarks</b>											
# Physicians and FTE's	n/a	n/a	3	1	4	32	5	0	4	7	56
<b>Above the Higher Benchmark</b>											
# Physicians	n/a	n/a	0	1	46	57	4	2	0	0	110
# of FTE's	n/a	n/a	0	1	71	80	6	2	0	0	160.62
<b>Total Physicians</b>											
# Physicians	n/a	n/a	6	5	71	139	14	6	28	48	317
# of FTE's	n/a	n/a	4.64	3.47	85.49	136.46	13.43	3.61	14.70	22.25	284.05

Source: NPDB, CIHI.

n/a = Not Applicable—There were no full-time equivalent fee-for-service physicians for this specialty for this province.

\* Data have been suppressed. Please see Methodological Notes, Data Suppression section for details.

**Notes**

Benchmarks are based on the 40th and 60th percentiles.

Base year 2000–2001.

Based on gross payments.

Alternative forms of reimbursement, such as salary and sessional, are not included.

Quebec's re-submitted 2002–2003 and 2003–2004 data were not received in time for this publication. The re-submitted data are not expected to affect physician total payment information.

**Table 4–9. Full-Time Equivalent Fee-for-Service Physicians, 2002–2003****Anesthesia**

	N.L.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Total
<b>Below the Lower Benchmark</b>											
# Physicians	22	7	50	34	327	325	27	38	226	145	1,201
# of FTE's	4.61	4.46	22.58	24.90	200.25	166.07	16.53	22.85	133.52	74.33	670.10
<b>Within the Benchmarks</b>											
# Physicians and FTE's	6	0	15	11	71	159	23	21	27	68	401
<b>Above the Higher Benchmark</b>											
# Physicians	15	0	23	11	179	404	51	21	9	151	864
# of FTE's	17.49	0.00	26.67	12.84	229.53	506.77	60.83	25.96	11.36	181.21	1,072.66
<b>Total Physicians</b>											
# Physicians	43	7	88	56	577	888	101	80	262	364	2,466
# of FTE's	28.10	4.46	64.25	48.74	500.78	831.84	100.36	69.81	171.88	323.54	2,143.76

Source: NPDB, CIHI.

**Table 4–10. Full-Time Equivalent Fee-for-Service Physicians, 2002–2003****Surgical Specialists**

	N.L.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Total
<b>Below the Lower Benchmark</b>											
# Physicians	73	14	140	96	969	1,275	137	114	286	681	3,785
# of FTE's	19.12	3.91	60.69	43.39	539.70	527.73	65.41	46.15	143.99	365.31	1,815.40
<b>Within the Benchmarks</b>											
# Physicians and FTE's	18	3	50	51	403	378	43	30	129	155	1,260
<b>Above the Higher Benchmark</b>											
# Physicians	47	13	79	62	574	1,390	87	96	211	178	2,737
# of FTE's	59.30	17.58	100.50	73.86	691.74	1,824.24	112.01	135.04	276.32	217.72	3,508.31
<b>Total Physicians</b>											
# Physicians	138	30	269	209	1,946	3,043	267	240	626	1,014	7,782
# of FTE's	96.42	24.49	211.19	168.25	1,634.44	2,729.97	220.42	211.19	549.31	738.03	6,583.71

Source: NPDB, CIHI.

**Notes**

Benchmarks are based on the 40th and 60th percentiles.

Base year 2000–2001.

Based on gross payments.

Alternative forms of reimbursement, such as salary and sessional, are not included.

Quebec's re-submitted 2002–2003 and 2003–2004 data were not received in time for this publication. The re-submitted data are not expected to affect physician total payment information.

**Table 4–11. Full-Time Equivalent Fee-for-Service Physicians, 2002–2003**

**General Surgery**

	N.L.	P.E.I. <sup>†</sup>	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Total
<b>Below the Lower Benchmark</b>											
# Physicians	22	5	30	15	287	332	34	36	65	120	946
# of FTE's	5.13	1.32	13.84	4.53	147.11	142.64	14.62	13.23	32.04	61.43	435.89
<b>Within the Benchmarks</b>											
# Physicians and FTE's	2	0	12	13	65	101	13	10	30	33	279
<b>Above the Higher Benchmark</b>											
# Physicians	13	7	18	14	131	310	22	21	45	37	618
# of FTE's	16.62	9.65	22.74	16.46	159.66	408.49	28.99	26.83	54.53	42.90	786.87
<b>Total Physicians</b>											
# Physicians	37	12	60	42	483	743	69	67	140	190	1,843
# of FTE's	23.75	10.97	48.58	33.99	371.77	652.13	56.61	50.06	116.57	137.33	1,501.76

Source: NPDB, CIHI.

**Table 4-12. Full-Time Equivalent Fee-for-Service Physicians, 2002–2003**

**Thoracic/Cardiovascular Surgery**

	N.L.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Total
<b>Below the Lower Benchmark</b>											
# Physicians	5	n/a	7	4	25	38	9	3	10	39	140
# of FTE's	2.25	n/a	3.50	2.11	14.56	18.38	4.85	1.13	5.06	24.80	76.64
<b>Within the Benchmarks</b>											
# Physicians and FTE's	0	n/a	4	2	3	8	3	2	0	6	28
<b>Above the Higher Benchmark</b>											
# Physicians	0	n/a	5	4	33	21	5	4	12	14	98
# of FTE's	0.00	n/a	6.01	4.27	40.92	26.72	6.49	5.28	17.14	16.18	123.01
<b>Total Physicians</b>											
# Physicians	5	n/a	16	10	61	67	17	9	22	59	266
# of FTE's	2.25	n/a	13.51	8.38	58.48	53.10	14.34	8.41	22.20	46.98	227.65

Source: NPDB, CIHI.

† Prince Edward Island plastic surgeons are included with general surgeons.

n/a = Not Applicable—There were no full-time equivalent fee-for-service physicians for this specialty for this province.

**Notes**

Benchmarks are based on the 40th and 60th percentiles.

Base year 2000–2001.

Based on gross payments.

Alternative forms of reimbursement, such as salary and sessional, are not included.

Quebec's re-submitted 2002–2003 and 2003–2004 data were not received in time for this publication. The re-submitted data are not expected to affect physician total payment information.

**Table 4–13. Full-Time Equivalent Fee-for-Service Physicians, 2002–2003****Urology**

	N.L.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Total
<b>Below the Lower Benchmark</b>											
# Physicians	0	*	14	11	55	86	15	9	13	39	242
# of FTE's	0.00	*	8.47	6.39	32.67	39.05	6.31	6.91	9.34	23.32	132.46
<b>Within the Benchmarks</b>											
# Physicians and FTE's	3	*	2	2	25	32	2	4	12	12	94
<b>Above the Higher Benchmark</b>											
# Physicians	4	*	6	5	55	111	2	2	10	18	213
# of FTE's	4.30	*	8.08	5.59	67.28	137.70	2.15	2.89	11.18	23.75	262.92
<b>Total Physicians</b>											
# Physicians	7	*	22	18	135	229	19	15	35	69	549
# of FTE's	7.30	*	18.55	13.98	124.95	208.75	10.46	13.80	32.52	59.07	489.38

Source: NPDB, CIHI.

**Table 4–14. Full-Time Equivalent Fee-for-Service Physicians, 2002–2003****Orthopedic Surgery**

	N.L.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Total
<b>Below the Lower Benchmark</b>											
# Physicians	10	2	15	18	145	183	22	12	61	124	592
# of FTE's	2.05	0.08	2.17	8.93	75.30	68.22	11.20	5.42	29.21	76.47	279.05
<b>Within the Benchmarks</b>											
# Physicians and FTE's	3	0	6	10	66	40	3	3	29	23	183
<b>Above the Higher Benchmark</b>											
# Physicians	8	3	16	7	75	214	17	17	23	10	390
# of FTE's	9.27	4.26	19.28	8.94	89.37	279.57	20.62	22.72	26.14	10.94	491.11
<b>Total Physicians</b>											
# Physicians	21	5	37	35	286	437	42	32	113	157	1,165
# of FTE's	14.32	4.34	27.45	27.87	230.67	387.79	34.82	31.14	84.35	110.41	953.16

Source: NPDB, CIHI.

\* Data have been suppressed. Please see Methodological Notes, Data Suppression section for details.

**Notes**

Benchmarks are based on the 40th and 60th percentiles.

Base year 2000–2001.

Based on gross payments.

Alternative forms of reimbursement, such as salary and sessional, are not included.

Quebec's re-submitted 2002–2003 and 2003–2004 data were not received in time for this publication. The re-submitted data are not expected to affect physician total payment information.

**Table 4–15. Full-Time Equivalent Fee-for-Service Physicians, 2002–2003**

**Plastic Surgery**

	N.L.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Total
<b>Below the Lower Benchmark</b>											
# Physicians	2	†	4	4	57	55	2	5	16	37	182
# of FTE's	0.72	†	1.73	2.42	31.96	21.59	1.14	2.78	8.09	21.76	92.19
<b>Within the Benchmarks</b>											
# Physicians and FTE's	0	†	2	5	16	27	2	3	11	13	79
<b>Above the Higher Benchmark</b>											
# Physicians	3	†	6	4	26	84	7	5	15	12	162
# of FTE's	4.25	†	7.49	4.34	31.71	109.28	10.76	7.39	18.52	14.03	207.77
<b>Total Physicians</b>											
# Physicians	5	†	12	13	99	166	11	13	42	62	423
# of FTE's	4.97	†	11.22	11.76	79.67	157.87	13.90	13.17	37.61	48.79	378.96

Source: NPDB, CIHI.

**Table 4–16. Full-Time Equivalent Fee-for-Service Physicians, 2002–2003**

**Neurosurgery**

	N.L.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Total
<b>Below the Lower Benchmark</b>											
# Physicians	*	n/a	*	5	38	32	*	7	12	11	105
# of FTE's	*	n/a	*	2.31	20.47	6.85	*	1.12	5.86	4.88	41.49
<b>Within the Benchmarks</b>											
# Physicians and FTE's	*	n/a	*	1	12	1	*	0	8	5	27
<b>Above the Higher Benchmark</b>											
# Physicians	*	n/a	*	0	7	36	*	3	3	15	64
# of FTE's	*	n/a	*	0.00	8.05	52.41	*	5.70	3.23	18.48	87.87
<b>Total Physicians</b>											
# Physicians	*	n/a	*	6	57	69	*	10	23	31	196
# of FTE's	*	n/a	*	3.31	40.52	60.26	*	6.82	17.09	28.36	156.36

Source: NPDB, CIHI.

† Prince Edward Island plastic surgeons are included with general surgeons.

n/a = Not Applicable— There were no full-time equivalent fee-for-service physicians for this specialty for this province.

\* Data have been suppressed. Please see Methodological Notes, Data Suppression section for details.

**Notes**

Benchmarks are based on the 40th and 60th percentiles.

Base year 2000–2001.

Based on gross payments.

Alternative forms of reimbursement, such as salary and sessional, are not included.

Quebec's re-submitted 2002–2003 and 2003–2004 data were not received in time for this publication. The re-submitted data are not expected to affect physician total payment information.

**Table 4–17. Full-Time Equivalent Fee-for-Service Physicians, 2002–2003****Ophthalmology**

	N.L.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Total
<b>Below the Lower Benchmark</b>											
# Physicians	14	5	26	7	117	164	17	9	39	112	510
# of FTE's	4.22	2.22	12.76	2.84	73.79	72.50	8.74	4.81	21.69	52.17	255.74
<b>Within the Benchmarks</b>											
# Physicians and FTE's	6	0	13	5	57	45	2	1	15	23	167
<b>Above the Higher Benchmark</b>											
# Physicians	1	1	14	15	95	209	11	20	33	47	446
# of FTE's	1.16	1.23	18.99	18.60	117.25	283.36	14.86	30.94	48.46	61.91	596.76
<b>Total Physicians</b>											
# Physicians	21	6	53	27	269	418	30	30	87	182	1,123
# of FTE's	11.38	3.45	44.75	26.44	248.04	400.86	25.60	36.75	85.15	137.08	1,019.50

Source: NPDB, CIHI.

**Table 4–18. Full-Time Equivalent Fee-for-Service Physicians, 2002–2003****Otolaryngology**

	N.L.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Total
<b>Below the Lower Benchmark</b>											
# Physicians	3	*	15	6	77	89	15	3	9	56	273
# of FTE's	0.36	*	5.30	4.31	48.05	34.79	8.37	1.86	6.05	30.78	139.87
<b>Within the Benchmarks</b>											
# Physicians and FTE's	0	*	1	6	45	33	4	3	7	14	113
<b>Above the Higher Benchmark</b>											
# Physicians	8	*	2	3	46	107	0	6	18	9	199
# of FTE's	11.17	*	2.33	3.94	54.35	132.10	0.00	9.41	24.69	10.31	248.30
<b>Total Physicians</b>											
# Physicians	11	*	18	15	168	229	19	12	34	79	585
# of FTE's	11.53	*	8.63	14.25	147.40	199.89	12.37	14.27	37.74	55.09	501.17

Source: NPDB, CIHI.

\* Data have been suppressed. Please see Methodological Notes, Data Suppression section for details.

**Notes**

Benchmarks are based on the 40th and 60th percentiles.

Base year 2000–2001.

Based on gross payments.

Alternative forms of reimbursement, such as salary and sessional, are not included.

Quebec's re-submitted 2002–2003 and 2003–2004 data were not received in time for this publication. The re-submitted data are not expected to affect physician total payment information.

**Table 4–19. Full-Time Equivalent Fee-for-Service Physicians, 2002–2003**

**Obstetrics/Gynecology**

	N.L.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Total
<b>Below the Lower Benchmark</b>											
# Physicians	17	2	29	26	168	296	23	30	61	143	795
# of FTE's	4.39	0.29	12.92	9.55	95.79	123.71	10.18	8.89	26.65	69.70	362.07
<b>Within the Benchmarks</b>											
# Physicians and FTE's	4	3	10	7	114	91	14	4	17	26	290
<b>Above the Higher Benchmark</b>											
# Physicians	10	2	12	10	106	298	23	18	52	16	547
# of FTE's	12.53	2.44	15.58	11.72	123.15	394.61	28.14	23.88	72.43	19.22	703.70
<b>Total Physicians</b>											
# Physicians	31	7	51	43	388	685	60	52	130	185	1,632
# of FTE's	20.92	5.73	38.50	28.27	332.94	609.32	52.32	36.77	116.08	114.92	1,355.77

Source: NPDB, CIHI.

**Table 4–20. Full-Time Equivalent Fee-for-Service Physicians, 2002–2003**

**Total Specialties**

	N.L.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Total
<b>Below the Lower Benchmark</b>											
# Physicians	173	41	356	231	3,244	4,044	455	297	1,165	1,672	11,678
# of FTE's	39.05	13.56	149.51	100.19	1,703.23	1,688.63	209.47	134.60	541.64	845.09	5,424.97
<b>Within the Benchmarks</b>											
# Physicians and FTE's	44	4	114	90	1,216	1,491	157	89	346	581	4,132
<b>Above the Higher Benchmark</b>											
# Physicians	126	23	126	146	1,832	4,106	272	197	570	698	8,096
# of FTE's	168.54	30.54	157.47	187.04	2,348.72	5,645.03	359.71	280.52	771.67	881.40	10,830.64
<b>Total Physicians</b>											
# Physicians	343	68	596	467	6,292	9,641	884	583	2,081	2,951	23,906
# of FTE's	251.59	48.10	420.98	377.23	5,267.95	8,824.66	726.18	504.12	1,659.31	2,307.49	20,387.61

Source: NPDB, CIHI.

**Notes**

Benchmarks are based on the 40th and 60th percentiles.

Base year 2000–2001.

Based on gross payments.

Alternative forms of reimbursement, such as salary and sessional, are not included.

Quebec's re-submitted 2002–2003 and 2003–2004 data were not received in time for this publication. The re-submitted data are not expected to affect physician total payment information.

**Table 4–21. Full-Time Equivalent Fee-for-Service Physicians, 2002–2003****Total Physicians**

	N.L.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Total
<b>Below the Lower Benchmark</b>											
# Physicians	452	98	914	618	6,603	8,976	946	755	2,742	4,489	26,593
# of FTE's	114.08	30.37	384.18	264.32	3,254.65	3,822.10	392.68	291.68	1,377.97	2,258.31	12,190.34
<b>Within the Benchmarks</b>											
# Physicians and FTE's	98	16	304	207	2,673	3,106	287	217	915	1,543	9,366
<b>Above the Higher Benchmark</b>											
# Physicians	282	78	286	299	3,794	8,466	578	560	1,373	1,482	17,198
# of FTE's	373.08	105.78	354.28	380.52	4,709.27	11,476.74	758.59	763.27	1,798.92	1,818.97	22,539.42
<b>Total Physicians</b>											
# Physicians	832	192	1,504	1,124	13,070	20,548	1,811	1,532	5,030	7,514	53,157
# of FTE's	585.16	152.15	1,042.46	851.84	10,636.92	18,404.84	1,438.27	1,271.95	4,091.89	5,620.28	44,095.76

Source: NPDB, CIHI.

**Notes**

Benchmarks are based on the 40th and 60th percentiles.

Base year 2000–2001.

Based on gross payments.

Alternative forms of reimbursement, such as salary and sessional, are not included.

Quebec's re-submitted 2002–2003 and 2003–2004 data were not received in time for this publication. The re-submitted data are not expected to affect physician total payment information.



**Table 5-1. Full-Time Equivalent Fee-for-Service Physicians, 2003-2004**

**Family Medicine**

	N.L.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Total
<b>Below the Lower Benchmark</b>											
# Physicians	327	67	586	432	3,587	5,270	507	484	1,773	2,911	15,944
# of FTE's	88.14	14.83	235.47	170.45	1,609.53	2,250.65	185.76	165.11	907.69	1,449.47	7,077.10
<b>Within the Benchmarks</b>											
# Physicians and FTE's	46	10	189	118	1,523	1,614	119	127	518	940	5,204
<b>Above the Higher Benchmark</b>											
# Physicians	160	55	166	145	1,875	4,109	311	344	701	813	8,679
# of FTE's	210.77	81.41	202.78	183.25	2,254.09	5,500.57	403.04	452.29	895.49	975.16	11,158.85
<b>Total Physicians</b>											
# Physicians	533	132	941	695	6,985	10,993	937	955	2,992	4,664	29,827
# of FTE's	344.91	106.24	627.25	471.70	5,386.62	9,365.22	707.80	744.40	2,321.18	3,364.63	23,439.95

Source: NPDB, CIHI.

**Table 5-2. Full-Time Equivalent Fee-for-Service Physicians, 2003-2004**

**Medical Specialists**

	N.L.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Total
<b>Below the Lower Benchmark</b>											
# Physicians	181	28	208	170	2,350	2,947	327	192	963	1,056	8,422
# of FTE's	27.54	8.85	88.43	54.22	1,209.88	1,166.83	145.87	89.86	403.14	510.54	3,705.16
<b>Within the Benchmarks</b>											
# Physicians and FTE's	25	1	73	53	846	1,132	113	55	192	427	2,917
<b>Above the Higher Benchmark</b>											
# Physicians	80	13	42	72	1,258	2,633	184	96	332	516	5,226
# of FTE's	112.02	17.82	50.84	101.35	1,654.20	3,681.13	245.94	136.63	454.67	662.34	7,116.94
<b>Total Physicians</b>											
# Physicians	286	42	323	295	4,454	6,712	624	343	1,487	1,999	16,565
# of FTE's	164.56	27.67	212.27	208.57	3,710.08	5,979.96	504.81	281.49	1,049.81	1,599.88	13,739.10

Source: NPDB, CIHI.

**Notes**

Benchmarks are based on the 40th and 60th percentiles.

Base year 2000-2001.

Based on gross payments.

Alternative forms of reimbursement, such as salary and sessional, are not included.

Quebec's re-submitted 2002-2003 and 2003-2004 data were not received in time for this publication. The re-submitted data are not expected to affect physician total payment information.

**Table 5–3. Full-Time Equivalent Fee-for-Service Physicians, 2003–2004****Internal Medicine**

	N.L.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Total
<b>Below the Lower Benchmark</b>											
# Physicians	49	10	75	55	909	1,194	160	71	344	296	3,163
# of FTE's	10.63	1.33	29.96	10.71	433.39	452.17	64.02	30.58	110.01	133.90	1,276.70
<b>Within the Benchmarks</b>											
# Physicians and FTE's	6	1	21	18	379	402	41	17	63	123	1,071
<b>Above the Higher Benchmark</b>											
# Physicians	42	8	12	41	542	929	39	49	113	203	1,978
# of FTE's	59.46	10.94	14.84	59.49	689.46	1,375.56	56.73	71.42	163.42	281.87	2,783.19
<b>Total Physicians</b>											
# Physicians	97	19	108	114	1,830	2,525	240	137	520	622	6,212
# of FTE's	76.09	13.27	65.80	88.20	1,501.85	2,229.73	161.75	119.00	336.43	538.77	5,130.89

Source: NPDB, CIHI.

**Table 5–4. Full-Time Equivalent Fee-for-Service Physicians, 2003–2004****Neurology**

	N.L.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Total
<b>Below the Lower Benchmark</b>											
# Physicians	11	*	3	4	95	131	13	6	55	48	366
# of FTE's	1.17	*	0.75	2.06	47.28	53.37	5.60	2.71	18.85	20.56	152.35
<b>Within the Benchmarks</b>											
# Physicians and FTE's	2	*	3	4	42	35	4	3	12	18	123
<b>Above the Higher Benchmark</b>											
# Physicians	2	*	2	5	71	84	5	7	6	22	204
# of FTE's	2.63	*	3.41	7.58	97.93	117.91	6.78	10.80	8.00	27.27	282.31
<b>Total Physicians</b>											
# Physicians	15	*	8	13	208	250	22	16	73	88	693
# of FTE's	5.80	*	7.16	13.64	187.21	206.28	16.38	16.51	38.85	65.83	557.66

Source: NPDB, CIHI.

\* Data have been suppressed. Please see Methodological Notes, Data Suppression section for details.

**Notes**

Benchmarks are based on the 40th and 60th percentiles.

Base year 2000–2001.

Based on gross payments.

Alternative forms of reimbursement, such as salary and sessional, are not included.

Quebec's re-submitted 2002–2003 and 2003–2004 data were not received in time for this publication. The re-submitted data are not expected to affect physician total payment information.

**Table 5-5. Full-Time Equivalent Fee-for-Service Physicians, 2003-2004**

**Psychiatry**

	N.L.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Total
<b>Below the Lower Benchmark</b>											
# Physicians	35	3	47	32	596	714	70	19	119	331	1,966
# of FTE's	3.54	0.90	18.53	7.41	311.21	322.33	30.52	11.29	70.49	174.38	950.60
<b>Within the Benchmarks</b>											
# Physicians and FTE's	2	0	14	5	201	340	31	8	64	137	802
<b>Above the Higher Benchmark</b>											
# Physicians	12	3	9	9	226	740	41	14	132	93	1,279
# of FTE's	17.90	3.79	10.77	12.07	315.17	1,024.23	53.13	21.89	175.30	109.76	1,744.01
<b>Total Physicians</b>											
# Physicians	49	6	70	46	1,023	1,794	142	41	315	561	4,047
# of FTE's	23.44	4.69	43.30	24.48	827.38	1,686.56	114.65	41.18	309.79	421.14	3,496.61

Source: NPDB, CIHI.

**Table 5-6. Full-Time Equivalent Fee-for-Service Physicians, 2003-2004**

**Pediatrics**

	N.L.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Total
<b>Below the Lower Benchmark</b>											
# Physicians	49	7	17	29	262	435	44	40	179	134	1,196
# of FTE's	7.24	3.30	5.60	8.98	121.54	104.62	21.37	13.19	53.87	56.90	396.61
<b>Within the Benchmarks</b>											
# Physicians and FTE's	4	0	9	5	119	123	16	8	31	59	374
<b>Above the Higher Benchmark</b>											
# Physicians	7	2	2	8	164	324	32	5	49	42	635
# of FTE's	11.69	3.09	2.27	11.71	220.81	459.49	47.11	7.19	63.93	52.29	879.58
<b>Total Physicians</b>											
# Physicians	60	9	28	42	545	882	92	53	259	235	2,205
# of FTE's	22.93	6.39	16.87	25.69	461.35	687.11	84.48	28.38	148.80	168.19	1,650.19

Source: NPDB, CIHI.

**Notes**

Benchmarks are based on the 40th and 60th percentiles.

Base year 2000-2001.

Based on gross payments.

Alternative forms of reimbursement, such as salary and sessional, are not included.

Quebec's re-submitted 2002-2003 and 2003-2004 data were not received in time for this publication. The re-submitted data are not expected to affect physician total payment information.

**Table 5–7. Full-Time Equivalent Fee-for-Service Physicians, 2003–2004****Dermatology**

	N.L.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Total
<b>Below the Lower Benchmark</b>											
# Physicians	1	*	14	6	88	84	7	2	12	42	256
# of FTE's	0.94	*	7.52	4.02	53.90	38.26	3.93	0.37	5.76	22.63	137.33
<b>Within the Benchmarks</b>											
# Physicians and FTE's	2	*	0	1	31	23	4	3	2	12	78
<b>Above the Higher Benchmark</b>											
# Physicians	2	*	1	0	66	83	2	1	21	12	188
# of FTE's	2.61	*	1.49	0.00	80.76	105.99	2.42	1.23	30.19	15.75	240.44
<b>Total Physicians</b>											
# Physicians	5	*	15	7	185	190	13	6	35	66	522
# of FTE's	5.55	*	9.01	5.02	165.66	167.25	10.35	4.60	37.95	50.38	455.77

Source: NPDB, CIHI.

**Table 5–8. Full-Time Equivalent Fee-for-Service Physicians, 2003–2004****Physical Medicine**

	N.L.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Total
<b>Below the Lower Benchmark</b>											
# Physicians	n/a	n/a	3	8	22	64	3	4	27	38	169
# of FTE's	n/a	n/a	2	1	11	28	1	1	11	14	68.29
<b>Within the Benchmarks</b>											
# Physicians and FTE's	n/a	n/a	3	1	6	28	4	0	2	8	52
<b>Above the Higher Benchmark</b>											
# Physicians	n/a	n/a	0	1	44	58	6	2	0	1	112
# of FTE's	n/a	n/a	0	1	67	79	8	2	0	1	159.52
<b>Total Physicians</b>											
# Physicians	n/a	n/a	6	10	72	150	13	6	29	47	333
# of FTE's	n/a	n/a	4.77	3.14	84.42	134.96	13.10	3.23	13.17	23.02	279.81

Source: NPDB, CIHI.

n/a = Not Applicable—There were no full-time equivalent fee-for-service physicians for this specialty for this province.

\* Data have been suppressed. Please see Methodological Notes, Data Suppression section for details.

**Notes**

Benchmarks are based on the 40th and 60th percentiles.

Base year 2000–2001.

Based on gross payments.

Alternative forms of reimbursement, such as salary and sessional, are not included.

Quebec's re-submitted 2002–2003 and 2003–2004 data were not received in time for this publication. The re-submitted data are not expected to affect physician total payment information.

**Table 5–9. Full-Time Equivalent Fee-for-Service Physicians, 2003–2004**

**Anesthesia**

	N.L.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Total
<b>Below the Lower Benchmark</b>											
# Physicians	36	8	49	36	378	325	30	50	227	167	1,306
# of FTE's	4.02	3.32	24.30	20.06	231.47	168.43	19.62	30.82	132.99	88.25	723.28
<b>Within the Benchmarks</b>											
# Physicians and FTE's	9	0	23	19	68	181	13	16	18	70	417
<b>Above the Higher Benchmark</b>											
# Physicians	15	0	16	8	145	415	59	18	11	143	830
# of FTE's	17.73	0.00	18.06	9.34	182.74	518.64	71.48	21.77	13.83	174.30	1,027.89
<b>Total Physicians</b>											
# Physicians	60	8	88	63	591	921	102	84	256	380	2,553
# of FTE's	30.75	3.32	65.36	48.40	482.21	868.07	104.10	68.59	164.82	332.55	2,168.17

Source: NPDB, CIHI.

**Table 5–10. Full-Time Equivalent Fee-for-Service Physicians, 2003–2004**

**Surgical Specialists**

	N.L.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Total
<b>Below the Lower Benchmark</b>											
# Physicians	66	15	150	120	1,068	1,307	135	110	338	684	3,993
# of FTE's	15.69	6.11	68.15	56.84	597.08	550.93	69.84	46.10	161.52	369.80	1,942.06
<b>Within the Benchmarks</b>											
# Physicians and FTE's	13	3	46	35	387	400	48	29	116	150	1,227
<b>Above the Higher Benchmark</b>											
# Physicians	55	13	79	68	530	1,373	79	92	188	192	2,669
# of FTE's	68.92	17.68	100.48	81.68	642.74	1,789.52	100.41	128.02	246.86	235.70	3,412.01
<b>Total Physicians</b>											
# Physicians	134	31	275	223	1,985	3,080	262	231	642	1,026	7,889
# of FTE's	97.61	26.79	214.63	173.52	1,626.82	2,740.45	218.25	203.12	524.38	755.50	6,581.07

Source: NPDB, CIHI.

**Notes**

Benchmarks are based on the 40th and 60th percentiles.

Base year 2000–2001.

Based on gross payments.

Alternative forms of reimbursement, such as salary and sessional, are not included.

Quebec's re-submitted 2002–2003 and 2003–2004 data were not received in time for this publication. The re-submitted data are not expected to affect physician total payment information.

**Table 5–11. Full-Time Equivalent Fee-for-Service Physicians, 2003–2004****General Surgery**

	N.L.	P.E.I. <sup>†</sup>	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Total
<b>Below the Lower Benchmark</b>											
# Physicians	19	2	32	25	320	321	36	36	78	117	986
# of FTE's	1.74	1.71	18.04	13.02	174.19	133.21	17.79	14.99	38.85	62.75	476.29
<b>Within the Benchmarks</b>											
# Physicians and FTE's	3	2	12	5	65	87	15	10	27	31	257
<b>Above the Higher Benchmark</b>											
# Physicians	17	6	16	13	105	285	18	19	39	42	560
# of FTE's	21.69	8.21	20.40	15.62	127.68	367.23	24.06	23.52	48.03	48.23	704.67
<b>Total Physicians</b>											
# Physicians	39	10	60	43	490	693	69	65	144	190	1,803
# of FTE's	26.43	11.92	50.44	33.64	366.87	587.44	56.85	48.51	113.88	141.98	1,437.96

Source: NPDB, CIHI.

**Table 5–12. Full-Time Equivalent Fee-for-Service Physicians, 2003–2004****Thoracic/Cardiovascular Surgery**

	N.L.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Total
<b>Below the Lower Benchmark</b>											
# Physicians	*	n/a	8	5	26	57	8	2	11	38	155
# of FTE's	*	n/a	5.30	2.06	14.16	31.30	3.91	1.14	5.65	20.01	83.53
<b>Within the Benchmarks</b>											
# Physicians and FTE's	*	n/a	1	2	7	14	4	1	0	10	39
<b>Above the Higher Benchmark</b>											
# Physicians	*	n/a	7	4	26	37	5	5	11	13	108
# of FTE's	*	n/a	8.16	4.38	31.01	46.69	6.62	6.67	15.88	14.51	133.92
<b>Total Physicians</b>											
# Physicians	*	n/a	16	11	59	108	17	8	22	61	302
# of FTE's	*	n/a	14.46	8.44	52.17	91.99	14.53	8.81	21.53	44.52	256.45

Source: NPDB, CIHI.

† Prince Edward Island plastic surgeons are included with general surgeons.

n/a = Not Applicable—There were no full-time equivalent fee-for-service physicians for this specialty for this province.

\* Data have been suppressed. Please see Methodological Notes, Data Suppression section for details.

**Notes**

Benchmarks are based on the 40th and 60th percentiles.

Base year 2000–2001.

Based on gross payments.

Alternative forms of reimbursement, such as salary and sessional, are not included.

Quebec's re-submitted 2002–2003 and 2003–2004 data were not received in time for this publication. The re-submitted data are not expected to affect physician total payment information.

**Table 5–13. Full-Time Equivalent Fee-for-Service Physicians, 2003–2004**

**Urology**

	N.L.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Total
<b>Below the Lower Benchmark</b>											
# Physicians	3	*	12	13	61	96	13	9	18	44	269
# of FTE's	2.13	*	6.09	5.49	37.81	40.43	6.36	6.00	12.30	27.59	144.20
<b>Within the Benchmarks</b>											
# Physicians and FTE's	1	*	4	3	30	29	2	4	11	9	93
<b>Above the Higher Benchmark</b>											
# Physicians	4	*	6	5	48	115	2	1	7	18	206
# of FTE's	4.55	*	8.06	5.90	59.64	141.58	2.14	1.85	8.12	23.57	255.41
<b>Total Physicians</b>											
# Physicians	8	*	22	21	139	240	17	14	36	71	568
# of FTE's	7.68	*	18.15	14.39	127.45	211.01	10.50	11.85	31.42	60.16	492.61

Source: NPDB, CIHI.

**Table 5–14. Full-Time Equivalent Fee-for-Service Physicians, 2003–2004**

**Orthopedic Surgery**

	N.L.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Total
<b>Below the Lower Benchmark</b>											
# Physicians	11	3	12	18	162	174	21	12	68	126	607
# of FTE's	3.39	0.07	3.02	11.47	86.21	71.24	12.17	4.61	34.26	79.60	306.04
<b>Within the Benchmarks</b>											
# Physicians and FTE's	1	0	6	6	56	46	3	3	27	18	166
<b>Above the Higher Benchmark</b>											
# Physicians	10	3	15	10	76	219	17	16	20	16	402
# of FTE's	11.53	4.34	18.29	12.10	90.45	282.85	19.86	21.12	22.69	18.06	501.29
<b>Total Physicians</b>											
# Physicians	22	6	33	34	294	439	41	31	115	160	1,175
# of FTE's	15.92	4.41	27.31	29.57	232.66	400.09	35.03	28.73	83.95	115.66	973.33

Source: NPDB, CIHI.

\* Data have been suppressed. Please see Methodological Notes, Data Suppression section for details.

**Notes**

Benchmarks are based on the 40th and 60th percentiles.

Base year 2000–2001.

Based on gross payments.

Alternative forms of reimbursement, such as salary and sessional, are not included.

Quebec's re-submitted 2002–2003 and 2003–2004 data were not received in time for this publication. The re-submitted data are not expected to affect physician total payment information.

**Table 5–15. Full-Time Equivalent Fee-for-Service Physicians, 2003–2004****Plastic Surgery**

	N.L.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Total
<b>Below the Lower Benchmark</b>											
# Physicians	*	†	5	3	61	62	2	5	19	37	194
# of FTE's	*	†	2.03	2.54	30.64	21.64	0.55	2.51	9.88	22.36	92.15
<b>Within the Benchmarks</b>											
# Physicians and FTE's	*	†	2	4	21	33	3	2	11	14	90
<b>Above the Higher Benchmark</b>											
# Physicians	*	†	6	5	19	83	7	7	13	12	152
# of FTE's	*	†	7.39	5.28	23.85	107.36	10.53	9.45	15.74	14.13	193.73
<b>Total Physicians</b>											
# Physicians	*	†	13	12	101	178	12	14	43	63	436
# of FTE's	*	†	11.42	11.82	75.49	162.00	14.08	13.96	36.62	50.49	375.88

Source: NPDB, CIHI.

**Table 5–16. Full-Time Equivalent Fee-for-Service Physicians, 2003–2004****Neurosurgery**

	N.L.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Total
<b>Below the Lower Benchmark</b>											
# Physicians	*	n/a	*	7	41	37	*	7	22	12	126
# of FTE's	*	n/a	*	2.61	21.15	6.75	*	0.51	3.75	5.76	40.53
<b>Within the Benchmarks</b>											
# Physicians and FTE's	*	n/a	*	0	8	4	*	0	0	7	19
<b>Above the Higher Benchmark</b>											
# Physicians	*	n/a	*	1	9	32	*	3	0	13	58
# of FTE's	*	n/a	*	1.06	10.17	48.09	*	5.64	0.00	16.55	81.51
<b>Total Physicians</b>											
# Physicians	*	n/a	*	8	58	73	*	10	22	32	203
# of FTE's	*	n/a	*	3.67	39.32	58.84	*	6.15	3.75	29.31	141.04

Source: NPDB, CIHI.

† Prince Edward Island plastic surgeons are included with general surgeons.

n/a = Not Applicable— There were no full-time equivalent fee-for-service physicians for this specialty for this province.

\* Data have been suppressed. Please see Methodological Notes, Data Suppression section for details.

**Notes**

Benchmarks are based on the 40th and 60th percentiles.

Base year 2000–2001.

Based on gross payments.

Alternative forms of reimbursement, such as salary and sessional, are not included.

Quebec's re-submitted 2002–2003 and 2003–2004 data were not received in time for this publication. The re-submitted data are not expected to affect physician total payment information.



**Table 5–17. Full-Time Equivalent Fee-for-Service Physicians, 2003–2004**

**Ophthalmology**

	N.L.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Total
<b>Below the Lower Benchmark</b>											
# Physicians	11	5	35	10	114	171	15	9	37	106	513
# of FTE's	4.02	2.88	14.34	3.70	66.36	77.76	7.07	4.97	19.57	49.05	249.72
<b>Within the Benchmarks</b>											
# Physicians and FTE's	4	0	13	5	56	42	4	3	18	23	168
<b>Above the Higher Benchmark</b>											
# Physicians	4	1	14	14	104	211	11	18	32	53	462
# of FTE's	4.27	1.14	19.50	18.59	131.92	291.53	14.54	28.15	45.75	70.13	625.52
<b>Total Physicians</b>											
# Physicians	19	6	62	29	274	424	30	30	87	182	1,143
# of FTE's	12.29	4.02	46.84	27.29	254.28	411.29	25.61	36.12	83.32	142.18	1,043.24

Source: NPDB, CIHI.

**Table 5–18. Full-Time Equivalent Fee-for-Service Physicians, 2003–2004**

**Otolaryngology**

	N.L.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Total
<b>Below the Lower Benchmark</b>											
# Physicians	4	*	14	7	91	93	16	4	14	56	299
# of FTE's	1.25	*	5.32	3.17	54.53	38.55	9.17	1.94	7.09	26.86	147.88
<b>Within the Benchmarks</b>											
# Physicians and FTE's	0	*	1	6	39	33	3	2	4	16	104
<b>Above the Higher Benchmark</b>											
# Physicians	9	*	2	5	48	106	0	6	20	10	206
# of FTE's	12.87	*	2.29	6.21	56.84	131.40	0.00	9.43	26.59	11.82	257.45
<b>Total Physicians</b>											
# Physicians	13	*	17	18	178	232	19	12	38	82	609
# of FTE's	14.12	*	8.61	15.38	150.37	202.95	12.17	13.37	37.68	54.68	509.33

Source: NPDB, CIHI.

\* Data have been suppressed. Please see Methodological Notes, Data Suppression section for details.

**Notes**

Benchmarks are based on the 40th and 60th percentiles.

Base year 2000–2001.

Based on gross payments.

Alternative forms of reimbursement, such as salary and sessional, are not included.

Quebec's re-submitted 2002–2003 and 2003–2004 data were not received in time for this publication. The re-submitted data are not expected to affect physician total payment information.

**Table 5–19. Full-Time Equivalent Fee-for-Service Physicians, 2003–2004****Obstetrics/Gynecology**

	N.L.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Total
<b>Below the Lower Benchmark</b>											
# Physicians	18	5	32	32	192	296	24	26	71	148	844
# of FTE's	3.16	1.45	14.01	12.78	112.03	130.05	12.82	9.43	30.17	75.82	401.72
<b>Within the Benchmarks</b>											
# Physicians and FTE's	4	1	7	4	105	112	14	4	18	22	291
<b>Above the Higher Benchmark</b>											
# Physicians	11	3	13	11	95	285	19	17	46	15	515
# of FTE's	14.01	3.99	16.39	12.54	111.18	372.79	22.66	22.19	64.06	18.70	658.51
<b>Total Physicians</b>											
# Physicians	33	9	52	47	392	693	57	47	135	185	1,650
# of FTE's	21.17	6.44	37.40	29.32	328.21	614.84	49.48	35.62	112.23	116.52	1,351.23

Source: NPDB, CIHI.

**Table 5–20. Full-Time Equivalent Fee-for-Service Physicians, 2003–2004****Total Specialties**

	N.L.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Total
<b>Below the Lower Benchmark</b>											
# Physicians	247	43	358	290	3,418	4,254	462	302	1,301	1,740	12,415
# of FTE's	43.23	14.96	156.58	111.06	1,806.96	1,717.76	215.71	135.96	564.66	880.34	5,647.22
<b>Within the Benchmarks</b>											
# Physicians and FTE's	38	4	119	88	1,233	1,532	161	84	308	577	4,144
<b>Above the Higher Benchmark</b>											
# Physicians	135	26	121	140	1,788	4,006	263	188	520	708	7,895
# of FTE's	180.94	35.50	151.32	183.03	2,296.94	5,470.65	346.35	264.65	701.53	898.04	10,528.95
<b>Total Physicians</b>											
# Physicians	420	73	598	518	6,439	9,792	886	574	2,129	3,025	24,454
# of FTE's	262.17	54.46	426.90	382.09	5,336.90	8,720.41	723.06	484.61	1,574.19	2,355.38	20,320.17

Source: NPDB, CIHI.

**Notes**

Benchmarks are based on the 40th and 60th percentiles.

Base year 2000–2001.

Based on gross payments.

Alternative forms of reimbursement, such as salary and sessional, are not included.

Quebec's re-submitted 2002–2003 and 2003–2004 data were not received in time for this publication. The re-submitted data are not expected to affect physician total payment information.

**Table 5–21. Full-Time Equivalent Fee-for-Service Physicians, 2003–2004**

**Total Physicians**

	N.L.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Total
<b>Below the Lower Benchmark</b>											
# Physicians	574	110	944	722	7,005	9,524	969	786	3,074	4,651	28,359
# of FTE's	131.37	29.79	392.05	281.51	3,416.49	3,968.41	401.47	301.07	1,472.35	2,329.81	12,724.32
<b>Within the Benchmarks</b>											
# Physicians and FTE's	84	14	308	206	2,756	3,146	280	211	826	1,517	9,348
<b>Above the Higher Benchmark</b>											
# Physicians	295	81	287	285	3,663	8,115	574	532	1,221	1,521	16,574
# of FTE's	391.71	116.91	354.10	366.28	4,551.03	10,971.22	749.39	716.94	1,597.02	1,873.20	21,687.80
<b>Total Physicians</b>											
# Physicians	953	205	1,539	1,213	13,424	20,785	1,823	1,529	5,121	7,689	54,281
# of FTE's	607.08	160.70	1,054.15	853.79	10,723.52	18,085.63	1,430.86	1,229.01	3,895.37	5,720.01	43,760.12

Source: NPDB, CIHI.

**Notes**

Benchmarks are based on the 40th and 60th percentiles.

Base year 2000–2001.

Based on gross payments.

Alternative forms of reimbursement, such as salary and sessional, are not included.

Quebec's re-submitted 2002–2003 and 2003–2004 data were not received in time for this publication. The re-submitted data are not expected to affect physician total payment information.

**Table 6–1. Population per Full-Time Equivalent Fee-for-Service Physician by Specialty, 2002–2003**

	N.L.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Total
<b>Family Medicine</b>	<b>1,555</b>	<b>1,318</b>	<b>1,490</b>	<b>1,570</b>	<b>1,386</b>	<b>1,265</b>	<b>1,619</b>	<b>1,292</b>	<b>1,280</b>	<b>1,241</b>	<b>1,318</b>
<b>Medical Specialties</b>	<b>3,342</b>	<b>5,807</b>	<b>4,413</b>	<b>3,565</b>	<b>2,048</b>	<b>1,988</b>	<b>2,280</b>	<b>3,387</b>	<b>2,806</b>	<b>2,619</b>	<b>2,264</b>
Internal Medicine	7,194	11,473	14,764	8,718	5,197	5,223	7,159	8,198	8,958	7,886	6,086
Neurology	93,441	*	129,832	47,604	40,666	63,614	74,381	57,793	76,109	63,738	57,892
Psychiatry	22,916	41,171	20,098	27,788	9,287	7,108	9,823	22,864	9,821	9,804	8,925
Pediatrics	24,256	35,426	57,001	31,355	15,999	16,082	13,196	29,639	17,493	24,191	17,833
Dermatology	95,683	*	105,553	146,365	45,014	77,032	107,848	224,502	78,508	84,608	70,194
Physical Medicine	n/a	n/a	199,504	214,697	87,064	88,802	85,845	274,875	211,864	184,769	110,045
Anesthesia	18,456	30,740	14,408	15,285	14,863	14,568	11,488	14,214	18,120	12,707	14,581
<b>Surgical Specialties</b>	<b>5,379</b>	<b>5,598</b>	<b>4,383</b>	<b>4,428</b>	<b>4,554</b>	<b>4,439</b>	<b>5,230</b>	<b>4,699</b>	<b>5,670</b>	<b>5,570</b>	<b>4,748</b>
General Surgery	21,836	12,498	19,055	21,918	20,021	18,582	20,366	19,822	26,717	29,936	20,814
Thoracic/Cardiovascular Surgery	230,489	n/a	68,520	88,902	127,276	228,209	80,397	117,990	140,288	87,507	137,308
Urology	71,041	*	49,903	53,290	59,569	58,050	110,220	71,906	95,769	69,597	63,873
Orthopedic Surgery	36,215	31,590	33,723	26,731	32,267	31,249	33,110	31,866	36,922	37,235	32,794
Plastic Surgery	104,346	†	82,504	63,350	93,424	76,759	82,942	75,345	82,808	84,261	82,484
Neurosurgery	*	n/a	*	225,076	183,690	201,094	*	145,499	182,235	144,961	199,912
Ophthalmology	45,571	39,739	20,686	28,177	30,008	30,230	45,035	27,001	36,575	29,991	30,660
Otolaryngology	44,978	*	107,265	52,281	50,496	60,623	93,201	69,537	82,523	74,625	62,370
Obstetrics/Gynecology	24,790	23,927	24,044	26,353	22,356	19,888	22,036	26,987	26,830	35,774	23,056
<b>Total Specialties</b>	<b>2,061</b>	<b>2,850</b>	<b>2,199</b>	<b>1,975</b>	<b>1,413</b>	<b>1,373</b>	<b>1,588</b>	<b>1,968</b>	<b>1,877</b>	<b>1,782</b>	<b>1,533</b>
<b>Total Physicians</b>	<b>886</b>	<b>901</b>	<b>888</b>	<b>875</b>	<b>700</b>	<b>658</b>	<b>802</b>	<b>780</b>	<b>761</b>	<b>731</b>	<b>709</b>

Source: NPDB, CIHI.

† Prince Edward Island plastic surgeons are included with general surgeons.

n/a = Not Applicable—There were no full-time equivalent fee-for-service physicians for this specialty for this province.

\* Data have been suppressed. Please see Methodological Notes, Data Suppression section for details.

#### Notes

Net population figures are used to calculate population per physician figures.

Quebec's re-submitted 2002–2003 and 2003–2004 data were not received in time for this publication. The re-submitted data are not expected to affect physician total payment information.

Please refer to Tables 4–1 to 4–21 for detailed footnotes by specialty.

**Table 6–2. Population per Full-Time Equivalent Fee-for-Service Physician by Specialty, 2003–2004**

	N.L.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Total
<b>Family Medicine</b>	<b>1,505</b>	<b>1,297</b>	<b>1,478</b>	<b>1,579</b>	<b>1,390</b>	<b>1,308</b>	<b>1,639</b>	<b>1,333</b>	<b>1,359</b>	<b>1,232</b>	<b>1,345</b>
<b>Medical Specialties</b>	<b>3,155</b>	<b>4,979</b>	<b>4,368</b>	<b>3,570</b>	<b>2,019</b>	<b>2,049</b>	<b>2,298</b>	<b>3,525</b>	<b>3,004</b>	<b>2,591</b>	<b>2,294</b>
Internal Medicine	6,823	10,383	14,090	8,443	4,987	5,495	7,170	8,339	9,373	7,695	6,144
Neurology	89,507	*	129,483	54,596	40,003	59,400	70,806	60,106	81,169	62,978	56,526
Psychiatry	22,148	29,378	21,411	30,421	9,051	7,265	10,116	24,098	10,179	9,844	9,015
Pediatrics	22,640	21,562	54,955	28,988	16,233	17,833	13,729	34,967	21,192	24,650	19,102
Dermatology	93,539	*	102,897	148,346	45,207	73,262	112,058	215,728	83,094	82,292	69,162
Physical Medicine	n/a	n/a	194,360	237,164	88,711	90,790	88,534	307,229	239,438	180,098	112,656
Anesthesia	16,883	41,500	14,184	15,386	15,531	14,115	11,141	14,468	19,132	12,467	14,539
<b>Surgical Specialties</b>	<b>5,319</b>	<b>5,143</b>	<b>4,320</b>	<b>4,292</b>	<b>4,603</b>	<b>4,471</b>	<b>5,314</b>	<b>4,886</b>	<b>6,014</b>	<b>5,488</b>	<b>4,790</b>
General Surgery	19,642	11,559	18,380	22,137	20,413	20,858	20,401	20,457	27,691	29,200	21,921
Thoracic/Cardiovascular Surgery	*	n/a	64,115	88,234	143,550	133,199	79,821	112,639	146,465	93,123	122,917
Urology	67,596	*	51,080	51,751	58,760	58,068	110,457	83,743	100,363	68,914	63,990
Orthopedic Surgery	32,609	31,243	33,947	25,184	32,189	30,626	33,109	34,541	37,563	35,845	32,386
Plastic Surgery	*	†	81,182	63,003	99,205	75,636	82,372	71,085	86,111	82,112	83,862
Neurosurgery	*	n/a	*	202,914	190,463	208,243	*	161,358	840,907	141,448	223,498
Ophthalmology	42,241	34,274	19,793	27,288	29,452	29,792	45,287	27,474	37,847	29,159	30,216
Otolaryngology	36,766	*	107,677	48,420	49,804	60,375	95,300	74,222	83,689	75,820	61,889
Obstetrics/Gynecology	24,522	21,395	24,789	25,399	22,818	19,929	23,440	27,859	28,098	35,581	23,328
<b>Total Specialties</b>	<b>1,980</b>	<b>2,530</b>	<b>2,172</b>	<b>1,949</b>	<b>1,403</b>	<b>1,405</b>	<b>1,604</b>	<b>2,048</b>	<b>2,003</b>	<b>1,760</b>	<b>1,551</b>
<b>Total Physicians</b>	<b>855</b>	<b>857</b>	<b>879</b>	<b>872</b>	<b>698</b>	<b>678</b>	<b>811</b>	<b>807</b>	<b>810</b>	<b>725</b>	<b>720</b>

Source: NPDB, CIHI.

† Prince Edward Island plastic surgeons are included with general surgeons.

n/a = Not Applicable—There were no full-time equivalent fee-for-service physicians for this specialty for this province.

\* Data have been suppressed. Please see Methodological Notes, Data Suppression section for details.

**Notes**

Net population figures are used to calculate population per physician figures.

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Please refer to Tables 5–1 to 5–21 for detailed footnotes by specialty.

**Table 7–1. Full-Time Equivalent Fee-for-Service Physicians per 100,000 Population by Specialty, 2002–2003**

	N.L.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Total
<b>Family Medicine</b>	<b>64</b>	<b>76</b>	<b>67</b>	<b>64</b>	<b>72</b>	<b>79</b>	<b>62</b>	<b>77</b>	<b>78</b>	<b>81</b>	<b>76</b>
<b>Medical Specialties</b>	<b>30</b>	<b>17</b>	<b>23</b>	<b>28</b>	<b>49</b>	<b>50</b>	<b>44</b>	<b>30</b>	<b>36</b>	<b>38</b>	<b>44</b>
Internal Medicine	14	9	7	11	19	19	14	12	11	13	16
Neurology	1	*	1	2	2	2	1	2	1	2	2
Psychiatry	4	2	5	4	11	14	10	4	10	10	11
Pediatrics	4	3	2	3	6	6	8	3	6	4	6
Dermatology	1	*	1	1	2	1	1	0	1	1	1
Physical Medicine	n/a	n/a	1	0	1	1	1	0	0	1	1
Anesthesia	5	3	7	7	7	7	9	7	6	8	7
<b>Surgical Specialties</b>	<b>19</b>	<b>18</b>	<b>23</b>	<b>23</b>	<b>22</b>	<b>23</b>	<b>19</b>	<b>21</b>	<b>18</b>	<b>18</b>	<b>21</b>
General Surgery	5	8	5	5	5	5	5	5	4	3	5
Thoracic/Cardiovascular Surgery	0	n/a	1	1	1	0	1	1	1	1	1
Urology	1	*	2	2	2	2	1	1	1	1	2
Orthopedic Surgery	3	3	3	4	3	3	3	3	3	3	3
Plastic Surgery	1	†	1	2	1	1	1	1	1	1	1
Neurosurgery	*	n/a	*	0	1	0	*	1	1	1	1
Ophthalmology	2	3	5	4	3	3	2	4	3	3	3
Otolaryngology	2	*	1	2	2	2	1	1	1	1	2
Obstetrics/Gynecology	4	4	4	4	4	5	5	4	4	3	4
<b>Total Specialties</b>	<b>49</b>	<b>35</b>	<b>45</b>	<b>51</b>	<b>71</b>	<b>73</b>	<b>63</b>	<b>51</b>	<b>53</b>	<b>56</b>	<b>65</b>
<b>Total Physicians</b>	<b>113</b>	<b>111</b>	<b>113</b>	<b>114</b>	<b>143</b>	<b>152</b>	<b>125</b>	<b>128</b>	<b>131</b>	<b>137</b>	<b>141</b>

Source: NPDB, CIHI.

† Prince Edward Island plastic surgeons are included with general surgeons.

n/a = Not Applicable—There were no full-time equivalent fee-for-service physicians for this specialty for this province.

\* Data have been suppressed. Please see Methodological Notes, Data Suppression section for details.

#### Notes

Net population figures are used to calculate population per physician figures.

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Please refer to Tables 4–1 to 4–21 for detailed footnotes by specialty.

**Table 7–2. Full-Time Equivalent Fee-for-Service Physicians per 100,000 Population by Specialty, 2003–2004**

	N.L.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Total
<b>Family Medicine</b>	66	77	68	63	72	76	61	75	74	81	74
<b>Medical Specialties</b>	32	20	23	28	50	49	44	28	33	39	44
Internal Medicine	15	10	7	12	20	18	14	12	11	13	16
Neurology	1	*	1	2	2	2	1	2	1	2	2
Psychiatry	5	3	5	3	11	14	10	4	10	10	11
Pediatrics	4	5	2	3	6	6	7	3	5	4	5
Dermatology	1	*	1	1	2	1	1	0	1	1	1
Physical Medicine	n/a	n/a	1	0	1	1	1	0	0	1	1
Anesthesia	6	2	7	6	6	7	9	7	5	8	7
<b>Surgical Specialties</b>	19	19	23	23	22	22	19	20	17	18	21
General Surgery	5	9	5	5	5	5	5	5	4	3	5
Thoracic/Cardiovascular Surgery	*	n/a	2	1	1	1	1	1	1	1	1
Urology	1	*	2	2	2	2	1	1	1	1	2
Orthopedic Surgery	3	3	3	4	3	3	3	3	3	3	3
Plastic Surgery	*	†	1	2	1	1	1	1	1	1	1
Neurosurgery	*	n/a	*	0	1	0	*	1	0	1	0
Ophthalmology	2	3	5	4	3	3	2	4	3	3	3
Otolaryngology	3	*	1	2	2	2	1	1	1	1	2
Obstetrics/Gynecology	4	5	4	4	4	5	4	4	4	3	4
<b>Total Specialties</b>	51	40	46	51	71	71	62	49	50	57	64
<b>Total Physicians</b>	117	117	114	115	143	148	123	124	124	138	139

Source: NPDB, CIHI.

† Prince Edward Island plastic surgeons are included with general surgeons.

n/a = Not Applicable—There were no full-time equivalent fee-for-service physicians for this specialty for this province.

\* Data have been suppressed. Please see Methodological Notes, Data Suppression section for details.

**Notes**

Net population figures are used to calculate population per physician figures.

Quebec’s re-submitted 2002–2003 and 2003–2004 data were not received in time for this publication. The re-submitted data are not expected to affect physician total payment information.

Please refer to Tables 5–1 to 5–21 for detailed footnotes by specialty.





## **Appendix A**

### **Impact of Excluding Ontario's Payments for J, X and Y Fee Codes With Suffix B**



## **Impact of Excluding Ontario's Payments for J, X and Y Fee Codes With Suffix B**

In 2001, 94% of physicians' payment claims for Ontario's J, X and Y fee codes, with suffix B, were paid directly to independent health facilities or hospital departments. While claims for these fee codes include an associated physician identifier, payments for the claims are not typically paid directly to physicians.

Starting with the 2001–2002 data year, the methodology used to calculate full-time equivalent physician count results in Ontario was updated to exclude payments related to fee codes J, X and Y, with suffix B. These fee codes accounted for approximately \$112.5 million (2.5%) in 2002–2003 and \$110.5 million (2.6%) in 2003–2004 of Ontario's publishable total fee-for-service payments. Given that FTE calculations are based on physician payments, this payment exclusion has a corresponding impact on FTE physician count results. Table A summarizes the impact of excluding these payments on FTE physician count results for the years 2002–2003 and 2003–2004.

**Table A. Percent Reduction in FTE Physician Count Results Due to Exclusion of Payments for Ontario Fee Codes J, X and Y (with suffix B), by Specialty, 2002–2003 and 2003–2004**

	2002–2003		2003–2004	
	Ont.	Total	Ont.	Total
<b>Family Medicine</b>	<b>0.37%</b>	<b>0.15%</b>	<b>0.29%</b>	<b>0.12%</b>
<b>Medical Specialties</b>	<b>2.07%</b>	<b>0.92%</b>	<b>2.12%</b>	<b>0.92%</b>
Internal Medicine	4.60%	2.08%	4.83%	2.10%
Neurology	1.98%	0.70%	1.28%	0.48%
Psychiatry	0.60%	0.29%	0.64%	0.31%
Pediatrics	0.64%	0.28%	0.76%	0.32%
Dermatology	0.00%	0.00%	0.00%	0.00%
Physical Medicine	0.51%	0.24%	0.21%	0.10%
Anesthesia	0.03%	0.01%	0.04%	0.01%
<b>Surgical Specialties</b>	<b>1.52%</b>	<b>0.63%</b>	<b>1.50%</b>	<b>0.63%</b>
General Surgery	1.41%	0.61%	1.57%	0.64%
Thoracic/Cardiovascular Surgery	2.88%	0.67%	2.70%	0.97%
Urology	0.48%	0.20%	0.51%	0.22%
Orthopedic Surgery	0.38%	0.16%	0.12%	0.05%
Plastic Surgery	0.05%	0.02%	0.00%	0.00%
Neurosurgery	1.81%	0.70%	1.85%	0.77%
Ophthalmology	1.10%	0.43%	1.13%	0.45%
Otolaryngology	2.08%	0.83%	1.89%	0.75%
Obstetrics/Gynecology	3.06%	1.37%	2.98%	1.36%
<b>Total Specialties</b>	<b>1.90%</b>	<b>0.82%</b>	<b>1.93%</b>	<b>0.83%</b>
<b>Total Physicians</b>	<b>1.11%</b>	<b>0.46%</b>	<b>1.08%</b>	<b>0.45%</b>

Source: NPDB, CIHI

## **Appendix B**

### **Net Population Estimates**



**Table B. Statistics Canada Net Population Estimates by Province, 2002–2003 to 2003–2004**

Year	N.L.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Total
2002–2003 (PR)	518.6	137.1	925.7	745.0	7,443.1	12,117.9	1,152.9	992.3	3,114.4	4,111.1	31,258.2
2003–2004 (PR)	519.1	137.8	927.1	744.7	7,489.0	12,253.0	1,159.8	992.4	3,153.4	4,145.8	31,522.2

**Source:** Net population estimates, Statistics Canada.

**Notes:** Net population estimates are produced by excluding from total estimates the members of the Royal Canadian Mounted Police, the Canadian Armed Forces personnel and the number of inmates in Federal and Provincial institutions.

PR = Updated postcensal estimates.

The estimates are based on 2001 census counts, adjusted for net census undercoverage.

These figures have been rounded independently to the nearest hundred.





## **Appendix C**

### **NPDB Authorization Officers**



## NPDB Authorization Officers

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## **Appendix D**

### **NPDB Specialty Categories**



## NPDB Physician Specialty Categories

- 01 ***Family Medicine***
  - 010 Residency
  - 011 General practice
  - 012 Family practice
  - 013 Community medicine/public health
  - 014 Emergency medicine

### Medical Specialties

- 02 ***Internal Medicine***
  - 020 General internal medicine
  - 021 Cardiology
  - 022 Gastroenterology
  - 023 Respiratory medicine
  - 024 Endocrinology
  - 025 Nephrology
  - 026 Hematology
  - 027 Rheumatology
  - 028 Clinical immunology and allergy
  - 030 Oncology
  - 031 Geriatrics
  - 032 Tropical medicine
  - 035 Genetics
- 04 ***Neurology***
  - 040 Neurology and EEG
  - 041 Neurology
  - 042 EEG
- 05 ***Psychiatry***
  - 050 Psychiatry and neuropsychiatry
  - 051 Psychiatry
  - 052 Neuropsychiatry
- 06 ***Pediatrics***
  - 060 Pediatrics
- 07 ***Dermatology***
  - 065 Dermatology
- 08 ***Physical Medicine/Rehabilitation***
  - 070 Physical medicine and rehabilitation
  - 071 Electromyography
- 09 ***Anesthesia***
  - 075 Anesthesia

## **Surgical Specialties**

- 10    **General Surgery**
  - 080    General surgery
  
- 11    **Thoracic/Cardiovascular Surgery**
  - 086    Thoracic surgery
  - 087    Cardiovascular surgery
  - 088    Cardiovascular/thoracic surgery
  
- 12    **Urology**
  - 090    Urology
  
- 13    **Orthopedic Surgery**
  - 095    Orthopedic surgery
  
- 14    **Plastic Surgery**
  - 100    Plastic surgery
  
- 15    **Neurosurgery**
  - 110    Neurosurgery
  
- 16    **Ophthalmology**
  - 115    Ophthalmology
  - 116    Ophthalmology/otolaryngology
  
- 17    **Otolaryngology**
  - 120    Otolaryngology
  
- 18    **Obstetrics/Gynecology**
  - 126    Obstetrics
  - 127    Gynecology
  - 128    Obstetrics/gynecology

**Note:** Although genetics is no longer a sub-specialty of internal medicine, it is included in the internal medicine category because the number of physician records assigned to this specialty is relatively small.



## **Appendix E**

### **Fee-for-Service Radiology and Laboratory Coverage in NPDB**



## Fee-for-Service Radiology and Laboratory Coverage in NPDB

Radiology and laboratory services supplied to CIHI for use in NPDB are not uniform or complete. For this reason the data are not routinely used in the NPDB publications. The following notes were provided by the provincial medical insurance plans regarding the radiology and laboratory services included on the NPDB file submissions.

### Newfoundland and Labrador

- No laboratory services data are supplied to NPDB as these services are paid through the hospital funding.
- Physicians can be paid on a fee-for-service basis for interpretation services on certain diagnostic services such as EEG, ECGs, etc. These services would be included in the NPDB file submissions.

### Prince Edward Island

- No laboratory services data are supplied to NPDB as these services are paid through the hospital funding.
- Radiologists interpretation fees are included in the NPDB file submissions.

### Nova Scotia

- No laboratory services data are supplied to NPDB as these services are paid through the hospital funding.
- The majority of radiology billings are not included in NPDB file submissions. For Nova Scotia, the majority of radiology billings are not included in fee-for-service earnings.

### New Brunswick

- No laboratory services data are supplied to NPDB as these services are paid through the hospital funding.
- All radiology services are excluded in the NPDB file submissions.

### Quebec

- No laboratory services are included.
- Radiology services provided by physicians in private practice are included in the NPDB file submissions.

### Ontario

- Approximately 50 percent of all laboratory services are funded through OHIP and therefore are included in the NPDB file submissions. The remaining 50 percent are funded via Public Health (1 percent) and Hospital global budgets (49 percent).
- Information on Radiology services is not available.

## **Manitoba**

- Laboratory services provided in the NPDB file submissions are those provided by privately owned fee-for-service laboratories. Laboratory services provided in urban/rural facilities are not included in the NPDB file submissions.
- Radiology services submitted include all private radiology services and all urban facility radiology services. Rural facility radiology services, approximately 11 percent of the total dollar value for radiology services, are not included in NPDB file submissions.

## **Saskatchewan**

- Since 1993–1994, the only laboratory services included in the NPDB file submissions are common in-office laboratory services provided by physicians other than pathologists. Responsibility for private laboratory services provided by specialists in pathology was transferred to District Health Boards in October 1993 and no longer funded on a fee-for-service basis.
- Facility-based radiology services which are funded through District Health Boards are excluded from the NPDB file submissions, as well as radiology services provided through the Screening Program for Breast Cancer.

## **Alberta**

- Up to July 1, 1995 only non-hospital based laboratory services were included.
- Only non-facility based radiology services are included in NPDB file submissions.

## **British Columbia**

- Laboratory and radiology services when performed on a fee-for-service outpatient basis are included in NPDB file submissions, but inpatient services are not included.

