The Fraser Institute

Hospital Report Card

by Mark Mullins, Rena Menaker, and Nadeem Esmail

Ontario 2006

X. Rankings by Municipality

THE FRASER INSTITUTE

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The Fraser Institute

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Editing and design: Kristin McCahon and Lindsey Thomas Martin

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ISSN 1911-1142 The Fraser Institute Hospital Report Card. Ontario.

Date of issue: September 2006

Acknowledgments

The authors would like to acknowledge Dr. Stephen Easton, Brett Skinner, and Dr. Michael Walker for providing internal peer review and Mark Smith, Director, Population Health Research Unit, Faculty of Medicine, Dalhousie University, for providing external peer review. We would also like to thank all those involved in the production and release of this study including Kennedy Hong, Melissa Holoday, Kristin McCahon, Wendy Mills, and Suzanne Walters. Additionally, we want to thank Ian Vaculik for performing the background research that is incorporated into this publication.

We had technical advice and assistance from a number of people at the following organizations: Long Nguyen and Laurie Sproule at 3M Canada; John Ticki and Marla Hanson at the Canadian Institute for Health Information; and Bruce Ellis, Jeffrey Geppert, and Jeff Schoenborn at the Agency for Healthcare Research and Quality. Lastly, we would like to thank all the hospitals that participated in validating their data and providing feedback.

Overview and Observations

Overview

The Fraser Institute's *Hospital Report Card: Ontario 2006* is constructed to help patients choose the best hospital for their inpatient care by providing them with information on the performance of Ontario acute-care hospitals. All of the information in this report, which is laid out in 13 separate documents, can be accessed in a convenient and interactive way through our websites, <www.fraserinstitute.ca> and <www.hospitalreportcards.ca>.

We set out to create a hospital report card that is easy to understand and accessible by the public, where individuals are able to look up a given condition or procedure and compare death rates, volumes of procedures, rates of adverse events, and utilization rates for their hospital to those of other hospitals in Ontario.

This is accomplished by using state-of-the-art indicators developed by the US Agency for Healthcare Research and Quality (AHRQ) in conjunction with Stanford University that have been shown to reflect quality of care inside hospitals. These indicators are presently in use in a dozen US states, including several of the more populous ones, New York, Texas, Florida and California.

We are using the Canadian Institute for Health Information's (CIHI) Discharge Abstract Database (DAD) as our primary information source. This information is derived from patient records provided to CIHI by all Ontario hospitals. Demographic, administrative, and clinical data are extracted from the Discharge Abstract Database for inpatient hospital stays from all acute care hospitals in Ontario, except for the Hospital for Sick Children in Toronto.

Since more specialized hospitals may treat more high-risk patients and some patients arrive at hospitals sicker than others, it is important to risk-adjust hospital death rates, adverse events rates, and utilization rates for patients with the same condition but a different health status. The international standard for risk adjustment, 3M™ APR™ DRG Classification System, **[1]** is employed to risk-adjust the data.

[1] 3M and APR are trademarks of 3M, used under license in Canada.

The Fraser Institute has spent the past two years developing the methods, databases, and computer programs required to adapt the measures to Canadian circumstances. This work has been internally and externally peer-reviewed and is supported by an extensive body of research based on the AHRQ approach.

Forty-three of Ontario's 136 acute-care hospitals, representing 41% of inpatient records in Ontario in the latest year, granted us authorization to identify them by name in this report. We applaud those hospitals who voluntarily agreed to be identified in this first edition of the Fraser Institute's *Hospital Report Card: Ontario 2006.* These hospitals should be commended for their efforts to empower patients with information regarding the health care they receive and for their ongoing commitment to quality improvement through accountability and transparency.

The Fraser Institute's *Hospital Report Card: Ontario 2006* consists of 50 of AHRQ's indicators of quality (such as death due to a stroke) and patient safety (such as a foreign body left inside a patient during a procedure). The indicators

are shown for all acute-care hospitals in Ontario from 1997 to 2005, comprising more than 8.5 million patient records. We have also calculated the indicators for all municipalities in Ontario, based on patient location. This constitutes the most comprehensive measure of acute-care hospital performance and accountability in Canada at the present time.

The indicators are expressed as observed rates (such as death due to hip replacement surgery) and risk-adjusted rates (the same rate adjusted for patient health status). Each institution was given a score from 0 to 100 for each indicator based on its risk-adjusted rate, where 100 is the best. The institutions were then ranked based on their scores, where 1 is the best.

The indicators are classified into three groups: those related to medical conditions, hospital procedures, and child birth. The indicators are further classified by type: death rates, volumes of procedures, utilization rates, and adverse events.

A Hospital Mortality Index (HMI) has been constructed to examine the overall performance of a hospital or municipality across indicators that measure death rates. It consists of up to nine indicators including:

- deaths due to hip replacement surgery
- deaths due to heart attacks
- deaths due to heart failure
- deaths due to acute strokes
- deaths due to bleeding from the esophagus, stomach, small intestine or colon
- deaths due to hip fractures
- deaths due to pneumonia infection
- deaths among patients that are considered unlikely to die in the hospital
- deaths in patients that developed complications of care during hospitalization

The final HMI is an average of the scores of these indicators, where 100 is the best. All institutions and municipalities were ranked based on their HMI score, where 1 is the best. It is important to note that the 50 indicators and the Hospital Mortality Index are applicable only to acute-care conditions and procedures for inpatient care. The results cannot be generalized to assessing the overall performance of any given hospital.

Since this report is based on administrative data, the results have limitations related to coding variations and other factors. Hospital deaths or complications will occur even when all standards of care are followed. Deciding on treatment options and choosing a hospital are decisions that should be made in consultation with a physician. It is not recommended to choose a hospital based solely on statistics and descriptions such as those given in this report.

That said, the DAD is a major data source used to produce various CIHI reports including annual reports on the performance of the health-care system and for seven of the health indicators adopted by the federal, provincial, and territorial governments. These data have been used extensively in previous reports on health care performance, and form the basis for many journal articles.

As the *Ontario Hospital Report*, **[2]** which uses the same DAD data set underlying this report card, notes, "the data are collected under consistent guidelines, by trained abstractors, in all acute care hospitals in Ontario. The data undergo extensive edit checks to improve accuracy, but all errors cannot be eliminated" (p. 6).

[2] A joint initiative of the Ontario Hospital Association and the Government of Ontario. Hospital Report 2006: Acute care. Report available at http://www.hospitalreport.ca/downloads/2006/AC/acute_report_2006.pdf

There are a number of publications that have addressed data-quality issues that are discussed in our report. Of note are CIHI's reabstraction studies that go back to the original patient charts and recode the information using a different set of expert coders. **[3]**

Overall, according to CIHI, **[4]** findings from their three-year DAD re-abstraction studies have confirmed the strengths of the database, while identifying limitations in certain areas resulting from inconsistencies in the coding of some data elements. In addition, the findings from the inter-rater data (that is, comparison between reabstractors) were generally similar to the findings from the main study data (that is, comparison between original coder and reabstractor). This suggests that the database is coded as well as can be expected using existing approaches in the hospital system.

In addition to the aforementioned reabstraction studies, the OECD published a report **[5]** that supports the AHRQ patient-safety indicator approach, noting that "this set of measures represents an exciting development and their use should be tested in a variety of countries" (p. 11). Further, a recently released report by the Manitoba Center for Health Policy that used the AHRQ Patient Safety Indicators **[6]** noted two important advantages to using the AHRQ approach. The first advantage is the breadth of coverage offered by the indicators in studying in-hospital patient safety. The second is that the AHRQ patient safety indicators were developed to measure complications of hospital-based care among a group of patients for whom the complications seemed preventable or highly unlikely.

[3] Reabstractors participating in the study were required to have several years of coding experience, experience coding in ICD-10-CA and CCI in particular, experience coding at a tertiary care centre, and attendance at specific CIHI educational workshops. They were also required to attend a one-week training session and to receive a passing score on the inter-rater test.

[4] Data Quality of the Discharge Abstract Database Following the First-year Implementation of ICD-10-CA/CCI. CIHI 2004.

[5] Selecting Indicators for Patient Safety at the Health Systems Level in OECD Countries. John Millar, Soeren Mattke and the Members of the OECD Patient Safety Panel. Report available at: http://www.oecd.org/dataoecd/53/26/33878001.pdf

[6] Bruce S et al., Application of Patient Safety Indicators in Manitoba: A First Look. Winnipeg, Manitoba Centre for Health Policy, June 2006.

Observations

A report based on more than 8.5 million patient records, shown across 50 quality and safety indicators for 136 hospitals and 138 municipalities over eight years, is not something that can be summarized in a few words. In fact, the primary purpose of this research is to provide patients with access to information on specific medical procedures and conditions and understand the variation of hospital care across the entire system. It is for that reason that we have rates, scores, and ranks for each separate indicator and that information can be assessed by using this document and our associated interactive web-enabled database found through <www.fraserinstitute.ca> or <www.hospitalreportcards.ca>.

However, we have created one summary measure of mortality, based on the most important and reliable data in this study, the Hospital Mortality Index. The nine component indicators of the HMI were arrived at by a process of elimination. Starting with our complete group of 50 indicators, we eliminated indicators that had no data for several years or relatively few hospitals with data. The resulting HMI has scores and rankings for 66 hospitals and 106 municipalities in the latest year.

Tables 1 (page 6–7) and 2 (page 9–11) show scores and rankings for the Hospital Mortality Index for the average score over the latest three years 2002/03 to 2004/05. **[7]** This is compared to the average score in the first three years of our survey from 1997/98 to 1999/2000. The change column shows the improvement or deterioration in score between the two periods.

[7] The use of 2002/03 and 2003/04 data possibly introduces a SARS effect to the HMI for some hospitals, as 44 patients died in Ontario from SARS between February and July 2003 and hospital operations were affected. However, we note that the median HMI score rose by 6.6 points in 2003 and dropped by 6.5 points in 2004, leaving the score virtually unchanged between 2002 and 2004 at 71.3.

Hospital Mortality Index: Hospitals

Top-Ranked Hospitals

- The top hospital in Ontario is Hospital 50, identity unknown, with a high HMI score of 80.9 out of 100. It is the fifth most improved hospital since the late 1990s and was ranked 15th in the earlier period.
- Anonymous Hospital 10 is the second ranked hospital. It held this same position in the late 1990s and has a similarly high score of 79.6.
- The top identified hospital is William Osler Health Centre (Brampton), in third place with a score of 78.6. It is also the 10th ranked hospital in terms of improvement over the past eight years.
- Rounding out the top ten rankings are identified hospitals Stratford General, Ottawa Hospital (All Sites, including the University of Ottawa Heart Institute), Ottawa Hospital (General), Rouge Valley Health System (Ajax and Pickering), and Timmins and District General.
- Anonymous Hospital 169 Withdrawn, ranked 10th, has had the largest improvement in its HMI score of any hospital (up 7 points) since the late 1990s.
- The top-ranked, large identified general/teaching hospitals are: Ottawa Hospital (All Sites), ranked 4th; Ottawa Hospital (General), ranked 7th; St. Joseph's HealthCare (Hamilton), ranked 11th; Mount Sinai, ranked 13th; and London Health Sciences Centre (All Sites), ranked 14th.

Bottom-Ranked Hospitals

- All of the 10 bottom-ranked hospitals either did not participate in the study or withdrew after agreeing to participate. Of these, Hospital 173 Withdrawn is the lowest ranked hospital with a score of 61.9.
- Anonymous Hospital 94 is the second lowest-ranked hospital, with a score of 62.8. Anonymous Hospital 96 is third lowest, with a score of 63.0 and a drop of almost 12 points from the earlier period.
- Grand River Hospital Corporation (Kitchener Waterloo) is the next lowest-ranked participating hospital and has had the largest decline of any hospital in its HMI score from 81.5 to 68.5 recently.
- The lowest-ranked, large participating general/teaching hospitals are: Hamilton Health Sciences (Henderson), ranked 34th; and Ottawa Hospital (Civic), ranked 36th.

Consistency

- There is some consistency of performance in the top and bottom hospitals.

[continued on page 6]

Table 1: Hospital Mortality Index—Hospitals

	2002/05		1997/00		Change	
	Score	Rank	Score	Rank	Score	Rank
Hospital 50	80.9	1	78.3	15	2.5	5
Hospital 10	79.6	2	83.9	2	–4.3	33
William Osler Health Centre—Brampton Site	78.6	3	77.8	17	0.8	10
Ottawa Hospital/L'Hôpital d'Ottawa—All Sites	78.1	4	77.4	20	0.7	11
Stratford General Hospital	77.3	5	88.9	1	–11.6	48
Hospital 97	77.0	6	75.0	36	2.0	6
Ottawa Hospital/L'Hôpital d'Ottawa—General Site	76.7	7	82.5	4	–5.9	40
Rouge Valley Health System—Ajax and Pickering Site	76.6	8	77.6	18	–1.0	16
Timmins and District General Hospital	76.6	9	82.8	3	–6.2	43
Hospital 169 Withdrawn	76.5	10	69.5	61	7.0	1
St. Joseph's Health Care System—Hamilton	76.4	11	79.4	12	–2.9	27
Hospital 62	76.4	12	81.0	8	–4.6	34
Mount Sinai Hospital	76.4	13	78.6	14	–2.3	23
London Health Sciences Centre—University, Victoria South and Children's Hospital of Western Ontario Sites	76.2	14	80.5	10	–4.2	32
Rouge Valley Health System	76.1	15	77.5	19	–1.3	19
Cambridge Memorial Hospital	75.9	16	81.3	7	–5.4	36
Rouge Valley Health System—Centenary Health Centre Site	75.9	17	77.1	23	–1.2	18
St. Thomas-Elgin General Hospital	75.9	18	74.0	43	1.8	8
Hospital 77	75.8	19	—	—	—	—
Sunnybrook and Women's College Health Sciences Centre	75.7	20	76.6	26	–0.9	15
Thunder Bay Regional Health Sciences Centre	75.6	21	78.3	16	–2.6	25
Hamilton Health Sciences	75.6	22	75.5	33	0.1	12
Hospital 59	75.6	23	—	—	—	—
Hospital 29	75.5	24	—	—	—	—
William Osler Health Centre	75.2	25	77.3	21	–2.1	22
Hospital 109	74.9	26	—	—	—	—
Hospital 80	74.9	27	—	—	—	—
Hospital 79	74.8	28	—	—	—	—
Hospital 55	74.7	29	—	—	—	—
Hospital 67	74.3	30	79.6	11	–5.3	35
Hospital 71	74.2	31	75.7	32	–1.5	20
Hospital 104	74.1	32	73.1	47	1.0	9
Windsor Hospital—Windsor Metropolitan General Site	74.1	33	—	—	—	—

Table 1: Hospital Mortality Index—Hospitals (continued)

	2002/05		1997/00		Change	
	Score	Rank	Score	Rank	Score	Rank
Hamilton Health Sciences—Henderson Hospital Site	73.8	34	76.6	27	–2.8	26
Windsor Regional Hospital	73.2	35	69.3	62	3.9	2
Ottawa Hospital/L'Hôpital d'Ottawa—Civic Site	73.2	36	74.8	37	–1.6	21
Hospital 7	72.9	37	75.9	30	–3.1	28
Hospital 72	72.7	38	80.8	9	–8.1	46
North York General Hospital	72.5	39	70.6	56	1.9	7
Trillium Health Centre	72.3	40	74.7	38	–2.4	24
Hospital 38	72.3	41	—	—	—	—
Hospital 108	72.3	42	—	—	—	—
Hospital 76	71.9	43	75.8	31	–3.9	31
William Osler Health Centre—Etobicoke General Site	71.6	44	77.1	22	–5.6	38
St. Mary's General Hospital	71.3	45	68.5	65	2.8	3
Hospital 36	71.1	46	76.7	25	–5.6	39
Hospital 15	70.7	47	71.4	53	–0.6	14
Hospital 106	70.3	48	76.4	28	–6.1	42
Hospital 8	70.3	49	73.9	44	–3.5	29
Hospital 16	70.1	50	67.4	67	2.7	4
Hospital 37	70.0	51	75.4	34	–5.4	37
Hospital 172 Withdrawn	69.6	52	76.0	29	–6.4	44
Hospital 22	69.3	53	—	—	—	—
Hospital 25	68.7	54	69.2	63	–0.5	13
Grand River Hospital Corporation—Kitchener-Waterloo Hospital Site	68.5	55	81.5	6	–13.0	50
Hospital 31	68.2	56	—	—	—	—
Hospital 70	68.2	57	77.0	24	–8.9	47
Hospital 28	67.6	58	—	—	—	—
Hospital 43	67.3	59	—	—	—	—
Hospital 18	67.2	60	71.0	54	–3.9	30
Hospital 85	65.3	61	66.4	68	–1.1	17
Hospital 40	64.6	62	—	—	—	—
Hospital 175 Withdrawn	64.1	63	—	—	—	—
Hospital 96	63.0	64	74.7	40	–11.6	49
Hospital 94	62.8	65	68.8	64	–6.1	41
Hospital 173 Withdrawn	61.9	66	—	—	—	—

- Four of the top ten hospitals, Anonymous Hospital 10, Stratford General, Ottawa Hospital (General), and Timmins and District General, have sustained top performances over the entire time period.
- All of the bottom ten hospitals were either low ranked in the late 1990s or had inadequate data then to be ranked.

Hospital Identification

- More than half of the hospitals with a HMI score (39 out of 67 in the latest period) chose not to be identified.
- Four hospitals (ranked 10th, 52nd, 63rd, and 66th) chose to withdraw from the study.
- Six of the top 20 ranked hospitals are not identified by name. By contrast, 19 of the bottom 20 hospitals are anonymous. Participating hospitals tend to have higher rankings (with an average rank of 23) and anonymous hospitals have lower rankings (with an average rank of 39).

Hospital Mortality Index: Municipalities

Note: The Hospital Mortality Index (HMI) is calculated for municipalities using the residence of patients treated in Ontario acute-care hospitals.

Top-Ranked Municipalities

- The top municipality is Arnprior with a high HMI score of 79.8 out of 100. However, this municipality and second-ranked Maple had inadequate data to show a score in the late 1990s.
- The third-ranked municipality is Stratford, which also ranked consistently high at second place in the late 1990s. Stratford General Hospital has these same attributes, which is not surprising, given that more than 80% of Stratford inpatient stays occurred at that hospital.
- A similar story occurs for Ajax, with a score of 76.5 and an 8th-place ranking. Over half of the inpatient stays for Ajax occur at 8th-ranked hospital Rouge Valley Health System (Ajax and Pickering), while Pickering is ranked 25th and has only one-third of its inpatient stays at that hospital.
- Similarly, 10th-ranked Aylmer West sees almost 70% of its inpatients go to St. Thomas-Elgin General Hospital, which has an 18th-place ranking.
- The other top ten municipalities do not have significant patient populations linked with any identified hospital. Patients in those municipalities are not able to know their local hospital performance indicators.
- Larger population municipalities with high rankings are: Brampton, ranked 11th; Oakville, ranked 12th; Barrie, ranked 14th; Sault Ste Marie, ranked 16th; and Thunder Bay, ranked 20th.

[continued on page 12]

Table 2: Hospital Mortality Index—Municipalities

	2002/05		1997/00		Change	
	Score	Rank	Score	Rank	Score	Rank
Arnprior	79.8	1	—	—	—	—
Maple	79.2	2	—	—	—	—
Stratford	79.1	3	85.1	2	–6.0	85
Penetanguishene	78.2	4	72.7	27	5.5	6
Leamington	77.9	5	77.2	8	0.7	37
Orangeville	77.6	6	76.6	10	1.0	34
Thornhill	76.7	7	80.2	4	–3.5	73
Ajax	76.5	8	72.5	28	4.0	16
Goderich	76.2	9	83.4	3	–7.2	88
Aylmer West	76.1	10	64.2	85	11.9	1
Brampton	75.9	11	75.0	14	0.9	36
Oakville	75.6	12	72.5	29	3.1	19
Innisfil	75.2	13	—	—	—	—
Barrie	75.1	14	77.0	9	–1.9	61
Whitby	74.9	15	70.8	41	4.1	13
Sault Ste. Marie	74.9	16	70.7	44	4.2	12
Other	74.4	17	69.5	55	4.9	8
Bowmanville	74.4	18	74.3	16	0.1	44
Owen Sound	74.1	19	74.5	15	–0.4	48
Thunder Bay	73.9	20	73.3	21	0.6	38
Timmins	73.9	21	79.7	5	–5.8	82
Hamilton	73.7	22	71.1	40	2.6	21
Sarnia	73.7	23	67.6	72	6.1	4
Cambridge	73.7	24	77.4	7	–3.7	76
Pickering	73.6	25	72.0	30	1.6	30
Oshawa	73.5	26	69.5	57	4.0	14
Ingersoll	73.3	27	73.1	23	0.2	42
Bolton	73.3	28	68.2	67	5.1	7
Amherstburg	73.1	29	70.6	46	2.6	23
London	73.0	30	70.8	42	2.2	24
Woodbridge	73.0	31	75.1	13	–2.1	65
Keswick	73.0	32	72.9	25	0.1	43
Ottawa	72.8	33	69.6	54	3.2	18
Windsor	72.4	34	71.1	38	1.3	32
Richmond Hill	72.3	35	73.7	18	–1.4	59

Table 2: Hospital Mortality Index—Municipalities (continued)

	2002/05		1997/00		Change	
	Score	Rank	Score	Rank	Score	Rank
Willowdale	72.3	36	68.3	66	4.0	15
Aurora	72.2	37	67.5	73	4.7	9
Fergus	72.1	38	—	—	—	—
Toronto	72.1	39	71.1	39	1.0	35
Bradford	72.0	40	70.2	48	1.8	28
Lindsay	71.5	41	63.6	88	7.9	3
Huntsville	71.4	42	73.4	20	–2.0	63
Rural	71.3	43	71.9	33	–0.5	51
Welland	71.2	44	69.3	59	1.9	27
Stouffville	71.2	45	69.5	56	1.7	29
Brantford	71.2	46	75.1	12	–3.9	78
Parry Sound	71.0	47	70.6	45	0.5	40
Essex	70.9	48	66.4	81	4.6	10
Mississauga	70.9	49	71.5	37	–0.5	50
Burlington	70.9	50	71.7	34	–0.9	55
Sudbury	70.7	51	68.1	68	2.6	22
Newmarket	70.7	52	71.6	35	–0.9	56
Kingsville	70.7	53	66.4	80	4.3	11
Cornwall	70.2	54	68.3	65	1.9	26
Georgetown	70.0	55	72.8	26	–2.8	69
Hanover	69.7	56	—	—	—	—
Scarborough	69.7	57	70.2	49	–0.5	52
Milton	69.6	58	75.4	11	–5.8	83
Bracebridge	69.6	59	74.0	17	–4.4	80
Kitchener	69.5	60	71.5	36	–2.0	64
Port Perry	69.4	61	—	—	—	—
Weston	69.4	62	71.9	32	–2.5	68
Guelph	69.1	63	72.0	31	–2.9	70
Woodstock	69.1	64	69.0	62	0.0	45
Napanee	69.0	65	69.2	61	–0.1	46
Chatham	69.0	66	73.1	22	–4.1	79
Trenton	68.9	67	79.0	6	–10.1	90
Orillia	68.9	68	66.7	76	2.2	25
Etobicoke	68.8	69	70.7	43	–2.0	62
Kingston	68.4	70	68.9	63	–0.5	49

Table 2: Hospital Mortality Index—Municipalities (continued)

	2002/05		1997/00		Change	
	Score	Rank	Score	Rank	Score	Rank
Kincardine	68.3	71	—	—	—	—
Wallaceburg	68.0	72	67.4	74	0.6	39
Belleville	68.0	73	69.4	58	–1.4	58
St. Catharine	67.9	74	66.6	78	1.2	33
Caledonia	67.6	75	—	—	—	—
Grimsby	67.5	76	61.7	89	5.8	5
Listowel	67.1	77	—	—	—	—
North York	67.0	78	66.6	79	0.4	41
Niagara Falls	66.9	79	69.3	60	–2.4	67
Tillsonburg	66.5	80	63.8	87	2.8	20
Port Hope	66.5	81	68.0	69	–1.5	60
Strathroy	66.5	82	69.6	53	–3.2	71
St. Thomas	66.4	83	70.0	50	–3.6	74
Midland	66.3	84	67.2	75	–0.9	54
North Bay	66.1	85	64.7	84	1.5	31
Peterborough	65.4	86	69.8	51	–4.5	81
Port Colborne	65.3	87	57.4	93	7.9	2
Downsview	65.2	88	72.9	24	–7.7	89
Markham	64.2	89	70.4	47	–6.3	87
Pembroke	64.1	90	64.7	83	–0.5	53
Fort Erie	64.0	91	67.7	70	–3.7	77
Alliston	63.8	92	65.0	82	–1.1	57
Renfrew	63.2	93	—	—	—	—
Simcoe	63.1	94	66.7	77	–3.6	75
Brockville	62.6	95	—	—	—	—
Collingwood	62.5	96	68.6	64	–6.1	86
Perth	62.3	97	—	—	—	—
Gananoque	61.8	98	67.7	71	–5.9	84
Smiths Falls	61.5	99	57.6	92	3.9	17
Lively	61.2	100	—	—	—	—
Gravenhurst	61.0	101	87.2	1	–26.2	91
Cobourg	60.9	102	64.2	86	–3.3	72
Elliot Lake	58.8	103	59.2	91	–0.4	47
Dunnville	58.8	104	60.9	90	–2.1	66
Elmira	50.2	105	—	—	—	—

- Third-ranked William Osler Health Centre (Brampton) accounts for over 60% of Brampton inpatient stays and Thunder Bay Regional Health Sciences Centre has over 90% of Thunder Bay patient stays. The other larger municipalities have no matching identified hospitals.

Bottom-Ranked Municipalities

- The lowest-ranked municipality in Ontario is Elmira, with a low HMI score of 50.2 for the most recent period but inadequate data from the late 1990s.
- Most of the bottom-ranked municipalities are small and consistently low ranked over the two time periods. Examples are Dunnville, Elliot Lake, Cobourg, Smiths Falls and Gananoque. One exception is Gravenhurst, which ranked first in the late 1990s and has had a very large 26-point drop in its score from 87.2 to 61.0.
- Larger-population municipalities with low rankings are: Niagara Falls, ranked 79th; North Bay, ranked 85th; Peterborough, ranked 86th; Downsview, ranked 88th; and Markham, ranked 89th.

Five Largest Municipalities

- The five largest municipalities in Ontario by number of inpatient stays are: Toronto, ranked 39th on the Hospital Mortality Index with a score of 72.1; Ottawa, ranked 33rd with a score of 72.8; Mississauga, ranked 29th with a score of 73.1; Scarborough, ranked 57th with a score of 69.7; and Hamilton, ranked 22nd with a score of 73.7.

Conclusion

The Fraser Institute's *Hospital Report Card: Ontario 2006* provides a comprehensive measure of inpatient acute-care conditions in Ontario hospitals. This is the first edition of an annual report card for patients in Ontario. Future editions of The Fraser Institute's *Hospital Report Card* will include performance measurement of acute-care hospitals in other provinces. We welcome comments on the content and format of this report via <comments@hospitalreportcards.ca>.

Introduction and background

The goal of the Fraser Institute's *Hospital Report Card: Ontario 2006* is to contribute to the improvement of inpatient care in Ontario by providing hospital-specific information about quality of service directly to patients and to the general public. This report is the first in Canada to empower patients to make informed choices about their health-care delivery options by providing comparable, hospital-specific, performance measurements on clearly identified indicators. The Fraser Institute's *Hospital Report Card: Ontario 2006* has been published to promote accountability within hospitals, thereby stimulating improved performance through an independent and objective measurement of performance.

Introduction

In Canada, individuals have access to data identifying problem areas in an automobile from information willingly supplied by consumers, the vehicle's manufacturer, and industry experts. They can find which CD player is the best on the market for their needs. They can compare restaurants before heading out for an evening meal. Yet when it comes to health care, which many will consider more important for an individual's well being, consumers are left with remarkably little information about where the best services are available. They cannot even tell which hospitals offer the worst care or have the highest mortality rates (Esmail, 2003).

What Are Hospital Report Cards? [1]

[1] Daniel P. Kessler, Stanford University, Hoover Institution, and the National Bureau of Economic Research. provide a helpful delineation of the field in a PowerPoint® slideshow entitled "Health Care Quality Report Cards."

Hospital report cards provide a set of consistent performance measurements to rank the products in question and help inform consumer choice. In some cases, these indicators may be subjective, or based on the opinions of survey respondents. In other cases, the indicators will be objective measures of performance or outcomes.

Hospital report cards are used to measure specific practices in hospitals such as the application of a specific drug or technology to certain events; or performance with respect to access to care or consumer friendliness; or to measure the likelihood of a positive outcome provided by health facilities in a specific jurisdiction.

The Four Primary Types of Hospital Report Cards

1 Process Report Cards This type of report card describes the inputs used by hospitals, health plans or individual physicians in the course of treating their patients. An example of these types of report cards can be found in those commissioned by The Leapfrog Group (Leapfrog Group, 2005). **[2]** The primary

[2] Further information available at <http://www.leapfroggroup.org/>.

strength of a Process Report Card is that it can be developed from existing medical administrative databases with relative ease. The process report card, however, does not necessarily measure the appropriateness, the quality, or the importance of the inputs employed in ensuring good health, although these factors can be captured to some extent by the inclusion or exclusion of specific inputs.

2 Survey Report Cards These types of report cards are composed of patients' evaluations of their quality of care and/or customer service. An example of this type of report card is found in the Pacific Business Group on Health's (PBGH) *Healthscope* reports. Although survey-based report cards do provide valuable information on subjective areas of patient care, they cannot measure how treatment decisions by a doctor or hospital lead to objective improvements in patient care.

3 Outcomes Report Cards These report cards present average levels of adverse health outcomes based on mortality or complication rates experienced by patients as part of a health plan, as treated by a specific doctor, or in a specific hospital. An example of this type of report card can be found in the *Pennsylvania CABG* surgery reports (Pennsylvania Health Care Cost Containment Council, 2006). **[3]** These report cards provide objective measures of differences in the quality of care but are susceptible to being "gamed" by either doctors or hospitals. For example, the doctor or hospital may avoid exceptionally sick patients (that is, patients who are qualitatively more ill with a listed condition and who will consequently drag average results down) in favour of healthy patients (to skew results upward). This unintended effect can, however, be mitigated through the appropriate application of risk-adjustment in the measures. Outcomes report cards (including The Fraser Institute's *Hospital Report Card*) provide the most empirically sound basis for analyzing the quality of care.

[3] Further information available at <http://www.phc4.org/reports/cabg/>.

4 Balanced Scorecards The balanced scorecard was developed in the early 1990s by Drs. Robert Kaplan and David Norton to examine a business above and beyond the financial bottom line. Translated into the healthcare field, this results in four quadrants. In the case of the *Ontario Hospital Reports* series, a prime example of the use of a "balanced scorecard," these are [a] financial performance and conditions; [b] patient/client satisfaction; [c] clinical utilization and outcomes; and, [d] system integration and change. While this variant of report card is useful in determining the broadest view of a hospital's operations and functions, specific and relevant indicators regarding hospital performance may be overlooked.

Why Are Hospital Report Cards Published?

The publication of hospital report cards is based on the concept that publishing outcomes data can both improve the quality of care in hospitals and inform patients' healthcare decision-making. Armed with more information based on a set of repeatable measurements about the relative performance of caregivers, both

patients and physicians are able to make a more informed choice about which facility or provider to select for a given condition. This allows for a rational discussion of relative levels of quality of service provision and eliminates measurement based on anecdotal information, which can be misleading and ultimately harmful.

Where Are Hospital Report Cards Published?

The United States of America

The United States was one of the first nations to begin measuring, comparing, and publishing measurements of hospital performance. Hospital report card initiatives were first undertaken by the federal government, with state governments following its lead. Private-sector information providers offering several competing reports on provider quality have refined the reporting of information.

In 1987, the first US hospital report cards were published by the Health Care Financing Administration (HCFA). These reports detailed annual mortality rates that were measured from the records of hospitalized Medicare patients. However, due to extensive criticism regarding the accuracy, usefulness, and interpretability of the HCFA's mortality data, this initiative was withdrawn in 1993 (Berwick and Wald, 1990).

In the late 1980s, the state of New York began the Cardiac Surgery Reporting System (CSRS), which collected data from patients' medical histories and recorded whether they died in hospital following surgery. From these data, New York was able to report detailed physician-specific statistics. While the information contained in the CSRS was not originally intended to provide the public with information about the performance of their provider, the news media understood the public's desire for such data and saw the benefit in publishing the information. In December of 1990, the *New York Times* used this information to publish a list of local hospitals, which ranked facilities according to their mortality rates for Coronary Artery Bypass Surgery (CABG). Invoking the *Freedom of Information Act*, the *New York Newsday* sued the New York State Department of Health to obtain access to its database on bypass surgery and on cardiac surgeons. The goal was to publish physician-specific death rates for patients. The Supreme Court of New York ruled that it was in the public's best interests to have access to these mortality data in order to make informed decisions about their health care (Zinman, 1991). As a result, *New York Newsday* was able to publish the information on physician performance for citizens to assess where the best care was available. Driven by this development, the New York State Department of Health began publishing annual editions of the *Coronary Artery Bypass Surgery Report* in 1996 (New York State, Department of Health, 2005). **[4]**

Following the precedent set by this pioneering case, a wide variety of hospital performance reports began to be produced in the 1990s by a disparate group of authors that ranged from the news media, coalitions of large employers, consumer advocacy organizations, and state governments (Marshall et al., 2003). Many different development paths have been taken so that there is currently no

[4] Links to the entire series of reports can be found at <http://www.health.state.ny.us/nysdoh/heart/heart_disease.htm>.

"standardized" hospital report card or agreement on the indicators to measure. Furthermore, these different reports range widely in terms of both quality and comprehensiveness. Indeed, as Marshall and colleagues cheekily note: "Public reporting in the United States is now much like healthcare delivery in that country: It is diverse, is primarily market-based, and lacks an overarching organizational structure or strategic plan. Public reporting systems vary in what they measure, how they measure it and how (and to whom) it is reported." **[5]** Of course, for patients who are the beneficiaries of such competition between information providers, each of whom strives to deliver a product in some way superior to his competitors, this is no bad thing.

[5] Document available at <www.medscope.com/viewarticle/452953_3>.

American Private and Public Information Providers

[1] America's Best Hospitals—USNEWS & World Report <http://www.usnews.com>.
[2] Healthgrades <http://www.healthgrades.com>
[3] Leapfrog Group <http://www.leapfroggroup.org>
[4] National Committee for Quality Assurance (NCQA) <http://www.ncqa.org>
[5] National Quality Forum <http://www.qualityforum.org>
[6] Quality Check <http://www.jointcommission.org/PerformanceMeasurement/PerformanceMeasurement/>
[7] Cardiac Surgery in New Jersey <http://www.state.nj.us/health/reportcards.htm>
[8] Cardiac Surgery Reports <http://www.health.state.ny.us/nysdoh/healthinfo/index.htm>
[9] Pennsylvania Hospital Performance Reports <http://www.phc4.org>
[10] Indicators of Inpatient Care in New York Hospitals <http://www.myhealthfinder.com/newyork>
[11] Indicators of Inpatient Care in Texas Hospitals <http://www.thcic.state.tx.us>
[12] Maryland Hospital Performance Evaluation Guide <http://www.hospitalguide.mhcc.metro-data.com>
[13] Pacific Business Group on Health (PBGH) <http://www.healthscope.org>.

The United Kingdom

The hospital reporting universe in the United Kingdom is a fraction of the US market's size. League tables **[6]** of death rates for English hospitals were available from 1992 to 1996 (Leyland and Boddy, 1998) and mortality statistics for English hospitals were published by the Labour government in 1998. Although publicly released, these were intended for managerial use and had little discernible impact (Street, 2002). The first initiative designed for public consumption was the Patient's Charter (National Health Service, 1991), **[7]** which focused on waiting times as opposed to clinical quality.

[6] A league table ranks the performance of a range of institutions.

[7] Further information can be found at <http://www.pfc.org.uk/medical/pchrte1.htm#foreword>.

In 1998, the National Health Service (NHS, Britain's tax-funded and universal medical insurance program) adopted a new Performance Assessment Framework (PAF) to report clinical outcomes at the hospital level (London: Department of Health, 1998). It focused on health gain, fair access, effective delivery of services, efficient delivery of services, health outcomes, and patient/career experience. This initiative received prominence in 2001 as the NHS Plan became the

first government plan in the developed world to deal explicitly with report cards. Beginning in September 2001, the UK Department of Health began to publish a new rating system for all NHS non-specialist hospitals in England. The performance of hospitals included in this survey was classified into one of four categories, ranging from zero to three stars based on the hospital's performance on a range of indicators and the outcome of their clinical governance review by the Commission for Health Improvement (CHI). As an additional incentive for improvement, beyond that assumed to come with public reporting of performance, the Department of Health mandated that hospitals scoring at the high end of the scale would receive greater funding and autonomy, while those at the bottom of the scale would be subject to greater government oversight and intervention. For example, those receiving zero stars were subject to investigations and underwent changes in management where necessary.

Although the lion's share of reporting in Britain has been by and at the direction of government, an independent initiative entered the arena in the latter half of 2000 when Tim Kelsey and Jake Arnold-Forster, a pair of *Sunday Times* journalists, founded Dr. Foster to generate authoritative independent information about local health services on the web at <http://www.drfoster.co.uk>. The partnership is in the form of a 50:50 joint venture involving the new Health and Social Care Information Centre (a special health authority of the NHS) and Dr. Foster, a commercial provider of healthcare information. Numerous publications have emerged from this initiative including the *Good Birth Guide* and the annual *Good Hospital Guide*, which was first published in 2001 and continues to be published annually. These guides contain information about hospital-specific mortality rates; the total number of staff; wait times; numbers of complaints; as well as, uniquely, private hospital prices for services.

Canada

Hospital reporting initiatives, like those in both the United States and the United Kingdom, have emerged in Canada only recently. Only one instance of such reporting in Canada has thus far had a large, regional presence in full public view.

In 1998, the Ontario Hospital Association produced a report card comparing the hospitals covered by its organization. Undertaken by a research group at the University of Toronto, the publication focused upon inpatient acute care and reported results at both peer group and regional levels of aggregation, but not for individual facilities. *Hospital Report '99*, published the following year, saw the first reporting of hospital-specific acute-care hospital performance indicators in Canada. In 2000, the Government of Ontario joined as a partner in the enterprise and the scope of the report was expanded to include such areas as complex continuing care, mental health, rehabilitation, and emergency department care. In addition, specific reports dealing with women's health, the health of the population as a whole, and nursing care were also produced. These publications have since appeared annually and currently constitute the standard-bearer for hospital reporting in Canada. The Hospital Report Series appears in a "balanced scorecard" format and assesses the performance of hospitals in four quadrants including:

[a] financial performance and conditions; [b] patient/client satisfaction; [c] clinical utilization and outcomes; and [d] system integration and change.

Other notable reporting initiatives in Canada include *Healthcare Performance Measurement in Canada: Who's Doing What?* (Baker et al., 1998), *Quality of Cardiac Care in Ontario* (ICES, 2004) **[8]** and *The State of Hospital Care in the GTA/905* (GTA/905 Healthcare Alliance, 2005). **[9]** Additionally, two publications that have reported on patient safety and adverse events are *The Ottawa Hospital Patient Safety Study* (Forster et al., 2004) **[10]** and *The Canadian Adverse Events Study* (Baker et al., 2004), though neither reported institution-specific measures. **[11]** Additionally, for the last 15 years, The Fraser Institute has published *Waiting Your Turn: Hospital Waiting lists in Canada*, a report that provides Canada's only national, comparable, and comprehensive measurement of waiting times for medically necessary treatment (Esmail and Walker, 2005). **[12]** Another Fraser Institute initiative is *How Good is Canadian Health Care? An International Comparison of Health Care Systems* (Esmail and Walker, 2005) **[13]**, which compares Canada's health policies and healthcare performance with other nations that guarantee their citizens access to healthcare insurance.

Other avenues of hospital performance reporting and monitoring in Canada have largely been in the form of private hospital assessments of performance by a contracted third party using a proprietary performance indicator methodology. A prime example of this is the work done by the Hay Group in rating the performance of participating Ontario hospitals for a fixed fee per facility (Hay Group, 2005).

What Are the Measurable Impacts of Patient Safety and Hospital Report Cards?

In the United States, hospital report cards have had a number of measurable impacts on performance and the quality of patient care. The first and most notable example came from the *New York State Cardiac Surgery Report*. Hannen et al. (1994) reported an associated 41% decline in the risk-adjusted mortality rate of Coronary Artery Bypass Graft patients with the publication of these outcomes statistics and data. A similar overall trend was experienced in Pennsylvania and New Jersey following the publication of their report cards. **[14]**

These findings have also created controversy about the Cardiac Surgery Reporting System, the database used to create the New York State Surgery Report. Critics have raised pertinent questions regarding "up-coding" **[15]** and the possibility that hospitals have decided not to operate on some complex and critically ill patients and have referred such complex cases to out-of-state jurisdictions (McKee and Healy, 2000). In contrast, using data from the *Cardiac Surgery Reporting System Report* (CSRS) for the period from 1991 to 1999, researchers at the National Bureau of Economic Research found that the reporting program had an impact on the volume of cases and the future quality at hospitals identified as poor performers. Those identified as weaker hospitals lost some relatively healthy patients to competing facilities with better records. Subsequently, these "weaker" hospitals experienced a decline of 10% in the number of patients during the first 12 months after

[8] Report available at <http://www.ices.on.ca/WebBuild/site/ices-internet-upload/file_collection/Ccort%5FFull%5FReport%2Epdf>.

[9] Further details available at <http://www.gta905health.com/mediaroom/2005-may3.html>. Report available at <http://www.gta905health.com/whatsnew/gta905-hospitalreport.pdf>.

[10] Article available at <http://www.pubmedcentral.gov/articlerender.fcgi?tool=pubmed&pubmedid=15078845>. Also, the Manitoba Center for Health Policy recently released an in-hospital patient safety report using the AHRQ Patient Safety Indicators (Bruce et al., 2006).

[11] Article available at <http://www.cmaj.ca/cgi/content/full/170/11/1678>.

[12] Report available at <http://www.fraserinstitute.ca/shared/readmore.asp?sNav=pb&id=801>.

[13] Report available at <http://www.fraserinstitute.ca/shared/readmore.asp?sNav=pb&id=782>.

[14] For Pennsylvania data, see *Cardiac Care: Pennsylvania's Guide to Coronary Artery Bypass Graft Surgery 1994–1995*, <http://www.phc4.org/reports/cabg9495/default.htm> (April 2, 2002). For New Jersey data, see *Cardiac Surgery in New Jersey: Technical Report*, <http://www.state.nj.us/health/hcsa/cabgs01/cabg_technical01.pdf> (April 2, 2002). For the northern New England initiative, see G.T. O'Connor et al., "A Regional Intervention to Improve the Hospital Mortality Associated with Coronary."

[15] "Up-coding" is a term used to describe when financial incentives cause a physician or hospital to exaggerate or falsely represent patients' medical conditions and services provided in order to increase payment received from the government.

an initial report, and this decrease remained in place for three years. Consequently, patients choosing these hospitals demonstrated a decrease in their risk-adjusted mortality rate by approximately 1.2 percentage points (Cutler et al., 2004). **[16]**

Though subject to a number of caveats regarding the design and structure, report cards have had a beneficial impact on the quality of healthcare delivery in those regions where they are published.

[16] <http://papers.nber.org/papers/w10489>.

The Fraser Institute's *Hospital Report Card*

The primary focus of this project was the construction of a patient-friendly hospital and patient-care report card focused on clinical outcomes. The report itself includes information about all health facilities treating patients through the Ontario Health Insurance Program, 43 of which (out of a total of 136) are identified in the report. **[17]** The report is built on a recognized hospital report card methodology from the Agency for Healthcare Research & Quality (AHRQ) in the United States and is used in more than 12 US States including New York, Texas, Colorado, **[18]** California, Florida, Kentucky, Maryland, Minnesota, New Jersey, Oregon, Utah, Vermont, and parts of Wisconsin.

[17] These facilities voluntarily participated in this project. Other facilities in Ontario either declined or offered no response to our requests for participation/identification.

[18] New York <http://www.myhealthfinder.com/newyork05/glancechoose.htm>; Texas <http://www.dshs.state.tx.us/THCIC/Publications/Hospitals/IQIReport2003/IQIReport2003.shtm>; Colorado <http://www.hospitalquality.org>.

1 What Are the AHRQ Inpatient Quality and Patient Safety Indicators?

The first stage of the research process in producing this report was to acquire or create a methodology that was reliable, easily understood by the public and participants, and that produced an accurate measurement of provider performance. An initial period of examining performance indicator frameworks from earlier literature on hospital report cards provided a number of different examples of accepted and proven methodologies that were not otherwise proprietary information and thus could be employed by The Fraser Institute. **[19]** The search also turned up methodologies that, though available, would be less effective in providing a patient-friendly clinical outcomes-focused hospital report card.

Further examination of these available methodologies led to the selection of the performance indicator framework developed by AHRQ in the United States. **[20]** AHRQ's indicator modules were chosen because they represent a comprehensive set of indictors that are widely used, highly regarded, and applicable to any hospital inpatient administrative data. They are readily available and relatively inexpensive to use. Importantly, they comprise an ideal set of indicators to allow a patient-friendly, clinical outcomes-focused, hospital-specific patient care report card.

[19] For a clear example of how individual report card methodologies are proprietary, please refer to Healthgrades user agreement at <http://www.healthgrades.com/aboutus/index.cfm?fuseaction=modnw&modtype=content&modact=UserAgreement>.

[20] An agency of the US federal government's Department of Health and Human Services.

The AHRQ indicators date from the mid-1990s when AHRQ developed a set of quality measures, or indicators, that required only the information found in routine hospital administrative data: diagnoses and procedures codes, patient age, gender, other basic demographic and personal information, source of admission, and discharge status. These indicators, 33 in all, made up the Healthcare Cost and Utilization Project (HCUP) Quality Indicators, designed to be used by hospitals to assess their inpatient quality of care as well as by the State and community to assess access to primary care. **[21]** Although they could not be used to provide

[21] Further information regarding the HCUP Quality Indicators can be found at <http://www.qualityindicators.ahrq.gov/hcup_archive.htm>.

definitive measures of the quality of health care directly, they are used to provide indicators of healthcare quality. They serve as the basis for subsequent in-depth investigation of issues of quality and patient safety at the facility level.

In the years following the release of the HCUP, both the knowledge base regarding quality indicators increased and newer risk adjustment methods developed. Following input from then-current users, as well as advances in the specific indicators themselves, AHRQ underwrote a project to develop and further refine the original Quality Indicators. This project was undertaken by the University of California San Francisco-Stanford Evidence-based Practice Centre. The results of this research were the AHRQ Quality Indicators, which are currently used to measure hospital performance in more than 12 US States including New York, Texas, Colorado, California, Florida, Kentucky, Maryland, Minnesota, New Jersey, Oregon, Utah, Vermont and parts of Wisconsin.

AHRQ indicators Are Organized in Four Modules [22]

[1] Prevention Quality Indicators (PQIs) [23] Consisting of ambulatory care sensitive conditions, these indicators pertain to hospital admissions that could have been prevented via high-quality outpatient care.

[2] Inpatient Quality Indicators (IQIs) These indicators reflect the quality of care inside hospitals and include such items as inpatient mortality; the utilization of procedures where there are questions of misuse, overuse, or underuse; and volume of procedures from which evidence shows that a higher volume of procedures is associated with a lower rate of mortality.

[3] Patient Safety Indicators (PSIs) These indicators focus upon preventable instances of harm to patients such as complications arising from surgery and other iatrogenic **[24]** events.

[4] Pediatric Quality Indicators (PDIs) [25] These indicators examine the quality of pediatric inpatient care, as well as the quality of outpatient care that can be inferred from inpatient data, such as potentially preventable hospitalizations. **[26]**

The Fraser Institute's *Hospital Report Card* uses the IQI and PSI indicators; it is made up of 50 of the 63 available indicators in these categories **[27]**. These two modules were chosen because of their widespread use and high quality record.

The AHRQ indicator modules are designed to be used with data from administrative databases in the United States, which themselves are primarily used by hospitals for billing purposes. This type of record, referred to as "administrative data" consists of diagnoses and procedures codes along with information about a patient's age, gender, and discharge status. The Canadian counterpart is the Canadian Institute for Health Information's Discharge Abstract Database (DAD), which contains demographic, personal, administrative, and clinical data for hospital discharges (inpatient acute, chronic, rehabilitation) and day surgeries.

[22] The Fraser Institute's *Hospital Report Card* is composed of 50 indicators from the quality and safety modules of the AHRQ system (see Appendix E for a list of all indicators used in this report).

[23] The PQIs identify the quality of care for ambulatory care-sensitive conditions and are measures of the overall healthcare system. Since the *Hospital Report Card* was designed to analyze the care inside acute-care hospitals, the PQIs were omitted from this report.

[24] An iatrogenic event is one that is inadvertently caused by a physician, a medical/surgical treatment, or a diagnostic procedure.

[25] The PDI module became available in February 2006 and was therefore not used in the *Hospital Report Card*.

[26] For details, please see <http://www.qualityindicators.ahrq.gov/pdi_download.htm>.

[27] Intrinsic differences between the ICD9/CCP and ICD10CA/CCI resulted in several indicators being reported in either data coded in ICD9/CCP (DAD data from FY1997 to FY2001) or data coded in ICD10CA/CCI (DAD data from FY2002 to FY2004), but not both (see Appendix G for details).

The indicators in The Fraser Institute's *Hospital Report Card* analyze over 8.5 million patient records extracted from the DAD for the period of fiscal years 1997/98 to 2004/05. The data are also risk-adjusted using the 3M™ All Patient Refined™ DRG (APR™-DRG) software, commonly recognized to be the gold-standard system for risk-adjusting hospital data **[28]**. The AHRQ IQIs were in fact designed to be used in conjunction with 3M™ All Patient Refined Diagnosis Related Groups™ (APR™-DRG) software, which risk adjusts the IQIs for patients' clinical conditions and severity of illness or risk of mortality.

[28] For further details, please refer to Appendix B and <http://www.3m.com/us/healthcare/his/products/coding/refined_drg.jhtml>.

Participation in the report card project was not mandatory for hospitals in Ontario. Of Ontario's 136 acute care facilities, 43 hospitals, representing 457,409 inpatient records or 41% of inpatient records in Ontario (in Fiscal 2004/05), agreed to have their institution identified (see Appendix D for a list of participating institutions).

Since this report is based on administrative data, the results have limitations. Coding variations exist among hospitals and codes do not always provide specific details about a patient's condition at the time of admission or capture all that occurs during hospitalization. For these reasons, individual judgment often is required while reviewing the results from this report.

When reviewing mortality or other quality and patient safety measures, remember that medicine is not an exact science and death or complications will occur even when all standards of care are followed. Deciding on treatment options and choosing a hospital are decisions that should be made in consultation with a physician. It is not recommended to choose a hospital based solely on statistics and descriptions such as those given in this report.

2 Data Quality

CIHI's Discharge Abstract Database (DAD) contains information on hospital stays in Canada. Various CIHI publications note that the DAD is used extensively by a variety of stakeholder groups to monitor the use of acute-care health services, conduct analyses of health conditions and injuries, and increasingly to track patient outcomes. **[29]** The DAD is a major data source used to produce various CIHI reports, including annual reports on the performance of the health care system and for seven of the health indicators adopted by the federal, provincial, and territorial governments. **[30]** These data have been used extensively in previous reports on health-care performance and form the basis for many journal articles. **[31]**

As the *Hospital Report 2006: Acute Care* notes, **[32]** using the same DAD data set underlying this report card, "the data are collected under consistent guidelines, by trained abstractors, in all acute care hospitals in Ontario. The data undergo extensive edit checks to improve accuracy, but all errors cannot be eliminated" (p. 6). However, in order to produce good information about data quality, CIHI established a comprehensive and systematic data-quality program, whose framework involves 24 characteristics relating to five data quality dimensions of accuracy, timeliness, relevance, comparability, and usability. **[33]**

[29] DAD Data Quality Reabstraction study. Combined findings for FY 1999/2000 and 2000/2001. Dec 2002.

[30] DAD Data Quality Reabstraction study. Combined findings for FY 1999/2000 and 2000/2001. Dec 2002.

[31] A joint initiative of the Ontario Hospital Association and the Government of Ontario. *Hospital Report 2006: Acute care.* <http://www.hospitalreport.ca/downloads/2006/AC/acute_report_2006.pdf>.

[32] A joint initiative of the Ontario Hospital Association and the Government of Ontario. *Hospital Report 2006: Acute care.* <http://www.hospitalreport.ca/downloads/2006/AC/acute_report_2006.pdf>.

[33] The CIHI Data Quality Framework. June 2005 Revision.

There have been reports on data quality that we have assessed, including up-coding allegations in Ontario but those applied to information earlier in our dataset. We also considered the effect that SARS could have on the results, as 44 patients died in Ontario from SARS between February and July 2003 and hospital operations were affected. However, we note that the median HMI score rose by 6.6 points in 2003 and dropped by 6.5 points in 2004, leaving the score virtually unchanged between 2002 and 2004 at 71.3. It is difficult to discern a SARS effect in these data, something supported by recent research at ICES in Toronto. **[34]**

There are a number of publications that have addressed data-quality issues, which are discussed in our report. Of note are CIHI's reabstraction studies that go back to the original patient charts and recode the information using a different set of expert coders. **[35]**

The reabstraction studies note the following rates of agreement between what was initially coded compared to what was coded on reabstraction:

a) non-medical data: 96%–100%

b) selection of intervention codes (procedure codes): 90%–95%

c) selection of diagnosis codes: 83%–94%

d) selection of most responsible diagnosis: 89%–92%

e) typing of co-morbidities: pre-admit: 47%–69%; post-admit: 51%–69%

f) diagnosis typing (which indicates the relationship of the diagnosis to the patient's stay in hospital) continues to present a problem; discrepancy rates have not diminished with adoption of ICD-10-CA.

The coding issues in points **(e)** and **(f)** do not affect our results since the most responsible diagnosis is coded with a high degree of agreement and the AHRQ indicators do not discriminate among diagnosis types. Overall, when the rates of agreement in the third year of this reabstraction study (performed on data coded in ICD-10-CA) were compared to the rates of agreement of the previous years' data (coded in ICD-9-CCP), the rates were as well as, or better than, the rates in ICD-10-CA.

However, with regard to the coding of pneumonia, a potential data quality issue exists because some reabstraction coders selected pneumonia instead of COPD as the most responsible diagnosis. **[36]** This could potentially create false positive results for Pneumonia mortality rate (IQI 20) since this indicator counts deaths due to pneumonia in situations where the primary diagnosis is a pneumonia diagnosis code. We have noted this proviso in our report.

With respect to specific conditions related to the health indicators examined, those that are procedure driven (i.e. cesarean section, CABG, and total knee replacement) were coded well with low discrepancy rates. The following had less than a 5% rate of discrepancy: C section, CABG, hysterectomy, total knee replacement, VBAC, and total hip replacement. The following had greater than a 5% discrepancy: AMI (8.9%), hip fracture (6.0%), hospitalization due to pneumonia and influenza (6.9%), and injury hospitalization (5.3%). **[37]**

[34] *Research Utilization of Ontario's Health System during the 2003 SARS Outbreak. ICES 2004.* Report available at <http://www.ices.on.ca/file/SARS_report.pdf>.

[35] Reabstractors participating in the study were required to have several years of coding experience, experience coding in ICD-10-CA and CCI in particular, experience coding at a tertiary care centre, and attendance at specific CIHI educational workshops. They were also required to attend a one-week training session and to receive a passing score on the inter-rater test.

[36] Canadian Coding Standards for ICD-10-CA and CCI 2004.

[37] DAD Data Quality Reabstraction study. Combined findings for FY 1999/2000 and 2000/2001. Dec 2002.

Discrepancy rates were noted in conditions that are diagnosis driven: AMI **[38]**, stroke, pneumonia, and COPD **[39]** (as described above). Only the pneumonia codes are potentially affected in our report.

Overall, according to CIHI, findings from their three-year DAD reabstraction studies "have confirmed the strengths of the database, while identifying limitations in certain areas resulting from inconsistencies in the coding of some data elements." **[40]** In addition, the findings from the inter-rater data (that is, comparison between reabstractors) were generally similar to the findings from the main study data (that is, comparison between original coder and reabstractor). This suggests that the database is coded as well as can be expected using existing approaches in the hospital system. In addition to the aforementioned reabstraction studies, the OECD published a report **[41]** in support of the AHRQ patient safety indicator modules noting that "this set of measures represents an exciting development and their use should be tested in a variety of countries" (p. 11). Further, a recently released report by the Manitoba Center for Health Policy that used the AHRQ Patient Safety Indicators **[42]** noted two important advantages to using the AHRQ module. The first advantage is the breadth of coverage offered by the indicators in studying in-hospital patient safety. The second is that the AHRQ patient-safety indicators were developed to measure complications of hospital-based care among a group of patients for whom the complications seemed preventable or highly unlikely.

[38] DAD Data Quality, Reabstraction Study Combined finding for Fiscal Years 1999/2000 and 2000/2001. CIHI 2002, pg 8.

[39] Data Quality of the DAD following the First year implementation of ICD-10-CA/CCI. September 2004.

[40] Data Quality of the DAD following the First year implementation of ICD10CA/CCI. September 2004: p.41.

[41] John Millar, Soeren Mattke, and the Members of the OECD Patient Safety Panel. *Selecting Indicators for Patient Safety at the Health Systems Level in OECD Countries*. <http://www.oecd.org/dataoecd/53/26/33878001.pdf>.

[42] Bruce et al., 2006.

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Methodology Overview

All hospital data used in The Fraser Institute's *Hospital Report Card: Ontario 2006* are from the Discharge Abstract Database (DAD) that was purchased from the Canadian Institute for Health Information (CIHI). The DAD is an administrative database containing demographic, administrative, and clinical data for hospital discharges (inpatient acute, chronic, rehabilitation) and day surgeries. Only inpatient acute records were used in this report (see Appendix A for details on which DAD data fields were used).

CIHI is unable to release the identity of specific institutions in DAD data releases unless those institutions have explicitly granted permission to the researchers requesting the data. Of Ontario's 136 acute care hospitals, 43 (representing 457,409 inpatient records or 41% of inpatient records in the Ontario in 2004/05) voluntarily granted The Fraser Institute authorization to identify their institution-specific discharge data in the DAD for the years from 1997/98 through 2004/05 comprising 8,588,784 patient records (see Appendix D for a list of participating institutions).

These records were then grouped into diagnosis-related groups (DRGs) using The Centers for Medicare and Medicaid Services (CMS) Diagnosis Related Groups (DRG) Grouper software. The program sorts patients' records into groups that are expected to have similar hospital resource use. The groupings are based on information extracted from diagnosis and procedure codes as well as the patients' age, sex, and the presence of complications or co-morbidities (see Appendix B for details). **[1]**

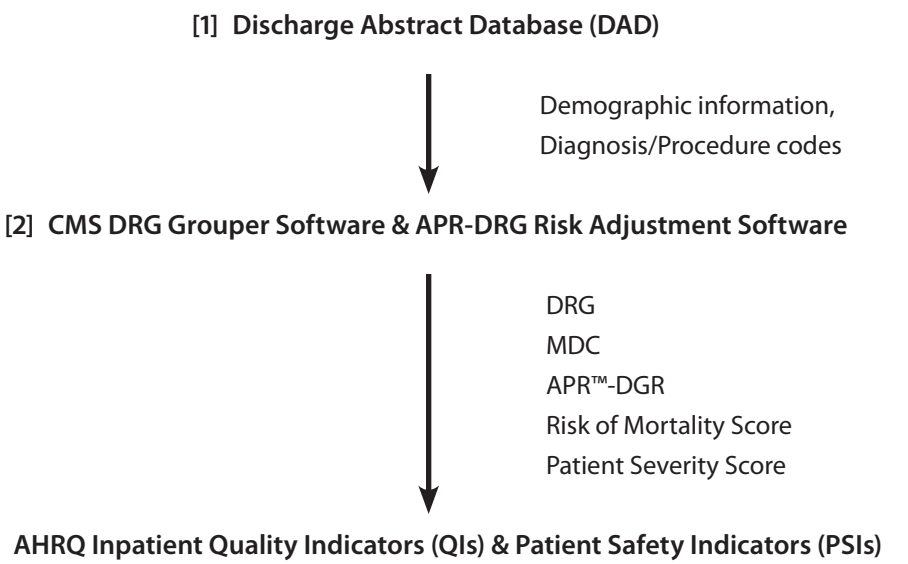
Since more specialized hospitals may treat more high-risk patients and some patients arrive at hospitals sicker than others, it is difficult to compare hospital mortality and utilization rates for patients with the same condition but a different health status. In order to compensate for this potential difference in hospital case mix, the international standard for risk adjustment, developed by 3M Corporation (for information, see <http://www.3m.com/us/healthcare/his/products/coding/refined_drg.jhtml>), was employed to risk-adjust the data. This was done to ensure that a hospital's final score reflected the performance grading that the hospital would have received if it had provided services to patients with the average mix of medical complications (see Appendix B for details).

The final step in the methodology was to produce separate indicators for hospital performance based on the methodology developed by the Agency for Healthcare Research and Quality's (AHRQ) Evidence-Based Practice Center (EPC) at the University of California San Francisco-Stanford **[2]** (for information, see <http://www.qualityindicators.ahrq.gov/>; see Appendix C for details). AHRQ's indicator modules use readily available discharge data and were chosen because they have been demonstrated to be a concise and effective tool by which to inform patients' decision-making about their health care. They are currently used to measure hospital performance in more than 12 US states including New York, Texas, Colorado, California, Florida, Kentucky, Maryland, Minnesota, New Jersey, Oregon, Utah, Vermont and parts of Wisconsin. Figure 1 shows a graphical representation of the methodology.

[1] In order to use the Centers for Medicare and Medicaid Services (CMS) - and All Patient Refined-Diagnosis Related Groups (APR™–DRG) Groupers as well as the Agency for Healthcare Research and Quality (AHRQ) Inpatient Quality Indicators (IQI) and Patient Safety Indicators (PSI) modules, the diagnosis and procedure codes had to be translated from ICD9/CCP (the *International Statistical Classification of Diseases, Injuries, and Causes of Death, Ninth Revision* [ICD-9] and the *Canadian Classification of Diagnostic, Therapeutic, and Surgical Procedures* [CCP]) (data from 1997/98 to 2001/02) or ICD10CA/CCI (ICD-10-CA is an enhanced version of ICD-10 developed by CIHI for morbidity classification in Canada; the companion classification to ICD-10-CA for coding procedures in Canada is CCI) (data from 2002/03 to 2004/05) to ICD-9-CM. Please see Appendix J for details.

[2] The AHRQ Quality Indicators were developed in response to the need for both multidimensional and accessible quality indicators. They include a family of measures that patients, providers, policymakers and researchers can use with easily accessible inpatient data to identify apparent variations in the quality of inpatient care.

Figure 1: Methodology Overview



The Fraser Institute's *Hospital Report Card: Ontario 2006* comprises 50 indicators **[3]** of the quality of inpatient care and patient safety (for a list of all indicators used in the report, see Appendix E).

Inpatient Quality Indicators (IQIs) reflect the quality of care inside hospitals and include mortality rates, the utilization of procedures (where there are questions of misuse, overuse, or underuse), and volume of procedures (for which evidence shows that a higher volume of procedures is associated with a lower rate of mortality).

Patient Safety Indicators (PSIs) focus on preventable complications acquired while in hospital, as well as adverse events following surgeries, procedures, and childbirth.

The indicators are expressed as observed rates (which are raw measures) and risk adjusted rates (incorporating patient severity and risk of mortality scores from the 3M™ software described above). IQI rates are expressed as rates per hundred patients while PSI rates are expressed per thousand. Each institution was also given a score from 0 to 100 for each indicator based on its risk-adjusted rate and was then ranked based on their scores (see Appendix F for details on calculating scores and ranks). **[4]**

A Hospital Mortality Index (HMI) was constructed to examine the overall performance of a hospital or municipality across mortality indicators. It consists of eight mortality indicators from 1997/98 to 2001/02 and nine mortality indicators from 2002/03 to 2004/05: **[5]** *hip replacement mortality* (IQI 14), *acute myocardial infarction mortality* (only included from 2002/03 to 2004/05) (IQI 15), *congestive heart failure mortality* (IQI 16), *acute stroke mortality* (IQI 17), *gastrointestinal hemorrhage mortality* (IQI 18), *hip fracture mortality* (IQI 19), *pneumonia mortality* (IQI 20), *low mortality DRGs* (PSI 2) and *failure to rescue rates* (PSI 4). The final HMI index score is based on an equal-weight construct of the separate indicators. For an indicator to be included in the HMI, hospitals representing at

[3] Intrinsic differences between the ICD9/CCP and ICD10CA/CCI resulted in several indicators being reported on in either data coded in ICD9/CCP (DAD data from FY1997 to FY2001) or data coded in ICD10CA/CCI (DAD data from FY2002 to FY2004), but not both (see Appendix G for details).

[4] Ranks are not used for comparisons of hospitals across indicators as they are based on a varying number of hospitals. It is advisable to rely on the scores (as in the HMI) to examine the overall performance of a hospital across indicators. The HMI also has a fairly large number of hospitals so any bias is insignificant.

[5] Intrinsic differences between the ICD9/CCP and ICD10CA/CCI resulted in several indicators being reported on in either data coded in ICD9/CCP (DAD data from FY1997 to FY2001) or data coded in ICD10CA/CCI (DAD data from FY2002 to FY2004), but not both (see Appendix G for details).

least 75% of the patient sample for that year had to have measured data in order to ensure an adequate number of hospitals for comparison. For example, in 1997/98 an indicator had to contain at least 877,410 records in order to be included in the HMI. **[6]** All institutions were ranked based on their HMI score, where the highest rank (1) corresponds to the highest score out of 100 (for details on calculating scores, ranks, the HMI, and rank of the HMI, please see Appendix F).

[6] The total number of patient records in 1997/98 was 1,161,352.

Several measures were taken in order to protect patient confidentiality. First, patient identifiers such as patients' names and addresses were removed prior to The Fraser Institute accessing the dataset. Also, postal codes were truncated to Forward Sortation Areas (FSAs) and grouped into municipalities in order to assess and compare care received by patients from those jurisdictions (please see Appendix H for details). Furthermore, results were omitted from publication if the patient population in any given indicator was less than, or equal to, 5 in any institution and/or municipality.

Legend for Sample Table

Use the sample table and the explanations below to help you understand how each indicator is displayed in the data tables of the *Hospital Report Card: Ontario 2006*.

[A] The name of the Agency for Healthcare Research and Quality's (AHRQ) Inpatient Quality Indicator (IQI) or Patient Safety Indicator (PSI). **[7]**

[7] Please see Appendix E for a complete list of the indicators used in the *Hospital Report Card*.

[B] All indicators were expressed as:

- **[a]** an Observed Rate (which are raw measures)
- **[b]** a Risk Adjusted Rate (incorporating patient severity and risk of mortality scores from 3M™ All Patient Refined Diagnosis Related Groups [APR™-DRG] Software) **[8]**
- **[c]** a Score **[9]**
- **[d]** a Rank

[8] Please see Appendix B for details.

[9] Please see Appendix F for details on calculating scores, ranks, HMI, and rank of the HMI.

Two additional measures were calculated to examine the overall performance of a hospital or municipality across mortality indicators: a Hospital Mortality Index (HMI) and a Rank of the Hospital Mortality Index.

[C] Indicators are stratified by Institution **[10]** and by Municipality. **[11]**

[10] Please see Appendix D for a list of participating institutions.

[11] Postal Codes were truncated to Forward Sortation Areas (FSAs) before The Fraser Institute accessed the dataset. All patient FSAs were grouped into corresponding municipalities as described by Canada Post. Please see Appendix H for details.

[D] All IQIs are expressed as percent. PSIs are expressed per thousand.

[E] All data used in the *Hospital Report Card* were extracted from the Discharge Abstract Database (DAD), which was purchased from CIHI for the period from Fiscal 1997 (April 1, 1997 to March 31, 1998) to Fiscal 2004 (April 1, 2004 to March 31, 2005).

[F] This line indicates that it is not possible to compare data from 1997/98–2001/02 and 2002/03–2004/05 because of the change in coding classification from ICD9/CCP to ICD10CA in 2002/03.

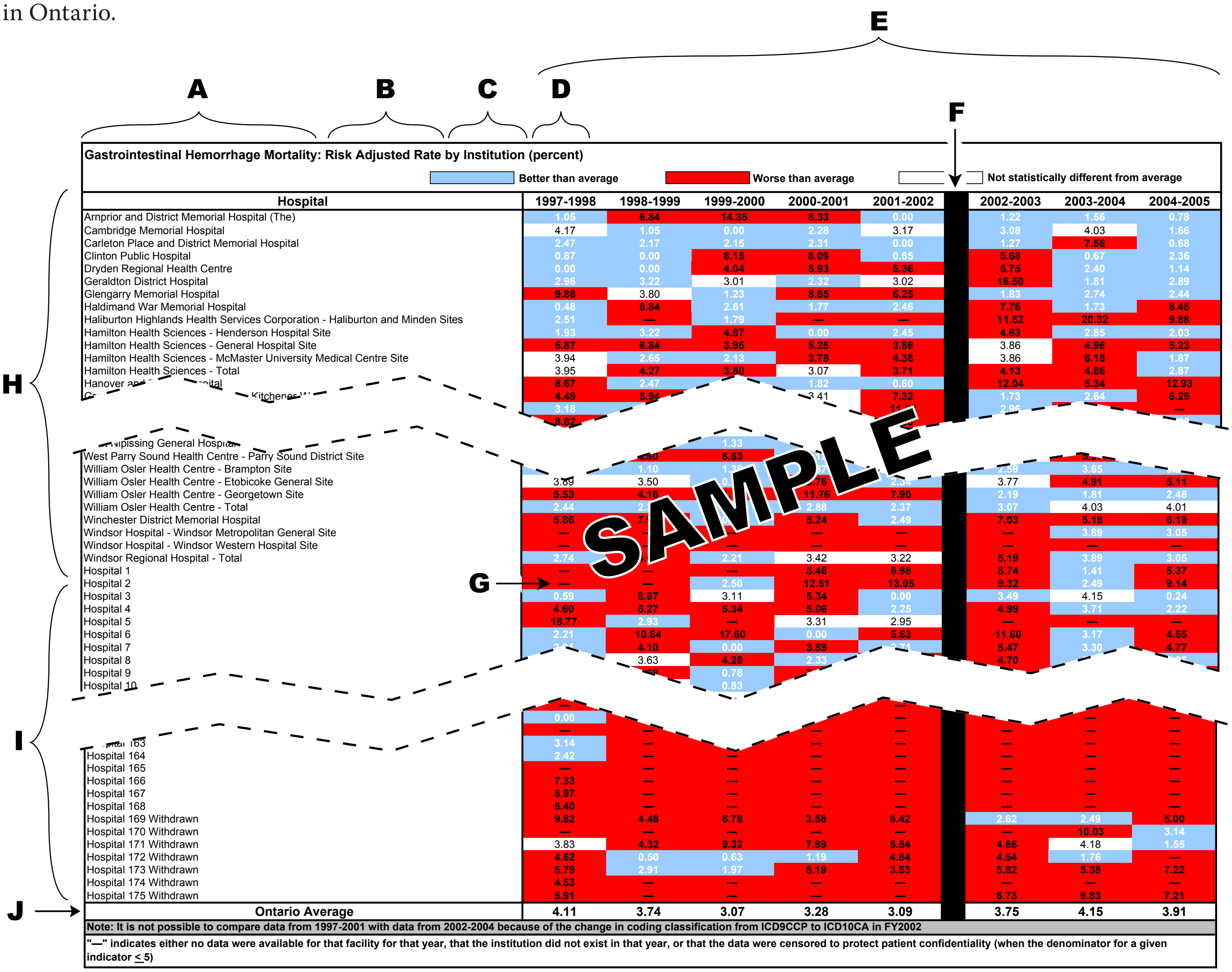
[G] "—" indicates that either no data were available for that hospital for that year, that the institution did not exist in that year, or that the data were censored to protect patient confidentiality (when the denominator for a given indicator is 5).

[H] Indicators were calculated for all of Ontario's 136 acute-care hospitals. Forty-three hospitals agreed to participate in The Fraser Institute's *Hospital Report Card: Ontario 2006* (representing 41% of inpatient records in the Ontario in 2004/05). **[12]**

[12] Please see Appendix D for a list of participating institutions.

[I] The institution numbers from all acute-care hospitals that did not consent to be identified in the *Hospital Report Card* were encrypted by the Canadian Institute for Health Information (CIHI) prior to delivery. We assigned these institutions an arbitrary number from Hospital 1 to Hospital 175.

[J] The average rate (Observed or Risk Adjusted) for all the acute-care hospitals in Ontario.



Esophageal Resection Mortality: Rank by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Acton	—	—	—	—	—	—	—	—
Ajax	—	—	—	—	—	—	—	—
Alliston	—	—	—	—	—	—	—	—
Amherstburg	—	—	—	—	—	—	—	—
Arnprior	—	—	—	—	—	—	—	—
Aurora	—	—	—	—	—	—	—	—
Aylmer West	—	—	—	—	—	—	—	—
Barrie	—	—	—	—	—	—	—	—
Belleville	—	—	—	—	—	—	—	—
Bolton	—	—	—	—	—	—	—	—
Bowmanville	—	—	—	—	—	—	—	—
Bracebridge	—	—	—	—	—	—	—	—
Bradford	—	—	—	—	—	—	—	—
Brampton	—	—	3	—	—	—	—	5
Brantford	—	—	—	—	—	—	—	—
Brockville	—	—	—	—	—	—	—	—
Burlington	—	—	—	—	—	—	—	—
Caledon	—	—	—	—	—	—	—	—
Caledonia	—	—	—	—	—	—	—	—
Cambridge	—	—	—	—	—	—	—	—
Carleton Place	—	—	—	—	—	—	—	—
Chatham	—	—	—	—	—	—	—	—
Cobourg	—	—	—	—	—	—	—	—
Collingwood	—	—	—	—	—	—	—	—
Concord	—	—	—	—	—	—	—	—
Cornwall	—	—	—	—	—	—	—	—
Cumberland	—	—	—	—	—	—	—	—
Delhi	—	—	—	—	—	—	—	—
Downsview	—	—	—	—	—	—	—	—
Dryden	—	—	—	—	—	—	—	—
Dunnville	—	—	—	—	—	—	—	—
East Gwillimbury	—	—	—	—	—	—	—	—
Elliot Lake	—	—	—	—	—	—	—	—
Elmira	—	—	—	—	—	—	—	—
Espanola	—	—	—	—	—	—	—	—
Essex	—	—	—	—	—	—	—	—
Etobicoke	4	—	—	—	—	—	—	—
Fergus	—	—	—	—	—	—	—	—
Fort Erie	—	—	—	—	—	—	—	—
Fort Frances	—	—	—	—	—	—	—	—
Gananoque	—	—	—	—	—	—	—	—
Garson	—	—	—	—	—	—	—	—
Georgetown	—	—	—	—	—	—	—	—
Goderich	—	—	—	—	—	—	—	—
Gravenhurst	—	—	—	—	—	—	—	—
Greely	—	—	—	—	—	—	—	—
Grimsby	—	—	—	—	—	—	—	—
Guelph	—	—	—	—	—	—	—	—
Hamilton	—	—	1	—	—	—	2	—
Hanmer	—	—	—	—	—	—	—	—
Hanover	—	—	—	—	—	—	—	—
Hawkesbury	—	—	—	—	—	—	—	—
Huntsville	—	—	—	—	—	—	—	—
Ingersoll	—	—	—	—	—	—	—	—
Innisfil	—	—	—	—	—	—	—	—
Kapuskasing	—	—	—	—	—	—	—	—
Kenora	—	—	—	—	—	—	—	—
Keswick	—	—	—	—	—	—	—	—
Kincardine	—	—	—	—	—	—	—	—
King City	—	—	—	—	—	—	—	—
Kingston	—	—	—	—	—	—	—	—
Kingsville	—	—	—	—	—	—	—	—
Kirkland Lake	—	—	—	—	—	—	—	—
Kitchener	—	—	2	—	—	4	—	—
Leamington	—	—	—	—	—	—	—	—
Lindsay	—	—	—	—	—	—	—	—
Listowel	—	—	—	—	—	—	—	—
Lively	—	—	—	—	—	—	—	—
London	—	—	—	—	—	—	—	1
Manotick	—	—	—	—	—	—	—	—
Maple	—	—	—	—	—	—	—	—
Markham	—	—	—	—	—	—	—	—
Meaford	—	—	—	—	—	—	—	—

Esophageal Resection Mortality: Rank by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Midland	—	—	—	—	—	—	—	—
Milton	—	—	—	—	—	—	—	—
Mississauga	—	—	—	—	—	—	—	8
Napanee	—	—	—	—	—	—	—	—
Navan	—	—	—	—	—	—	—	—
New Hamburg	—	—	—	—	—	—	—	—
Newmarket	—	—	—	—	—	—	—	—
Niagara Falls	—	—	—	—	—	—	—	—
North Bay	—	—	—	—	—	—	—	—
North York	—	—	—	—	—	—	—	—
Oakville	—	—	—	—	—	—	—	—
Orangeville	—	—	—	—	—	—	—	—
Orillia	—	—	—	—	—	—	—	—
Oshawa	—	—	—	—	—	—	—	—
Ottawa	—	—	5	1	1	1	1	2
Owen Sound	—	—	—	—	—	—	—	—
Paris	—	—	—	—	—	—	—	—
Parry Sound	—	—	—	—	—	—	—	—
Pembroke	—	—	—	—	—	—	—	—
Penetanguishene	—	—	—	—	—	—	—	—
Perth	—	—	—	—	—	—	—	—
Petawawa	—	—	—	—	—	—	—	—
Peterborough	—	—	—	—	—	—	—	—
Pickering	—	—	—	—	—	—	—	—
Port Colborne	—	—	—	—	—	—	—	—
Port Hope	—	—	—	—	—	—	—	—
Port Perry	—	—	—	—	—	—	—	—
Port Stanley	—	—	—	—	—	—	—	—
Renfrew	—	—	—	—	—	—	—	—
Richmond Hill	—	—	—	—	—	—	—	—
Rockland	—	—	—	—	—	—	—	—
Russell	—	—	—	—	—	—	—	—
Sarnia	—	—	—	—	—	—	—	—
Sault Ste. Marie	—	—	—	2	—	—	—	—
Scarborough	—	2	4	—	—	5	5	7
Simcoe	—	—	—	—	—	—	—	—
Sioux Lookout	—	—	—	—	—	—	—	—
Smiths Falls	—	—	—	—	—	—	—	—
St. Catharine	—	—	—	—	—	—	—	—
St. Mary's	—	—	—	—	—	—	—	—
St. Thomas	—	—	—	—	—	—	—	—
Stouffville	—	—	—	—	—	—	—	—
Stratford	—	—	—	—	—	—	—	—
Strathroy	—	—	—	—	—	—	—	—
Sturgeon	—	—	—	—	—	—	—	—
Sudbury	—	—	—	—	—	—	—	—
Thornhill	—	—	—	—	—	—	—	—
Thunder Bay	—	—	—	—	—	—	—	—
Tillsonburg	—	—	—	—	—	—	—	—
Timmins	—	—	—	—	—	—	—	—
Toronto	1	3	7	3	—	3	3	6
Trenton	—	—	—	—	—	—	—	—
Uxbridge	—	—	—	—	—	—	—	—
Val Caron	—	—	—	—	—	—	—	—
Wallaceburg	—	—	—	—	—	—	—	—
Wasaga Beach	—	—	—	—	—	—	—	—
Welland	—	—	—	—	—	—	—	—
Weston	—	—	—	—	—	—	—	—
Whitby	—	—	—	—	—	—	—	—
Willowdale	2	—	—	—	—	—	—	3
Windsor	—	—	—	—	—	—	—	—
Woodbridge	—	—	—	—	—	—	—	—
Woodstock	—	—	—	—	—	—	—	—
Rural	3	1	6	4	2	2	4	4
Other	—	—	—	—	—	—	—	—

Note: It is not possible to compare data from 1997-2001 with data from 2002-2004 because of the change in coding classification from ICD9CCP to ICD10CA in FY2002

"—" indicates either no data were available for that facility for that year, that the institution did not exist in that year, or that the data were censored to protect patient confidentiality (when the denominator for a given indicator ≤ 5)

Pancreatic Resection Surgery Mortality: Rank by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Acton	—	—	—	—	—	—	—	—
Ajax	—	—	—	—	—	—	—	—
Alliston	—	—	—	—	—	—	—	—
Amherstburg	—	—	—	—	—	—	—	—
Arnprior	—	—	—	—	—	—	—	—
Aurora	—	—	—	—	—	—	—	—
Aylmer West	—	—	—	—	—	—	—	—
Barrie	—	—	—	—	—	—	—	—
Belleville	—	—	—	—	—	—	—	—
Bolton	—	—	—	—	—	—	—	—
Bowmanville	—	—	—	—	—	—	—	—
Bracebridge	—	—	—	—	—	—	—	—
Bradford	—	—	—	—	—	—	—	—
Brampton	—	—	6	—	—	—	—	—
Brantford	—	—	—	—	—	—	—	—
Brockville	—	—	—	—	—	—	—	—
Burlington	—	—	—	—	—	—	—	—
Caledon	—	—	—	—	—	—	—	—
Caledonia	—	—	—	—	—	—	—	—
Cambridge	—	—	—	—	—	—	—	—
Carleton Place	—	—	—	—	—	—	—	—
Chatham	—	—	—	—	—	—	—	—
Cobourg	—	—	—	—	—	—	—	—
Collingwood	—	—	—	—	—	—	—	—
Concord	—	—	—	—	—	—	—	—
Cornwall	—	—	—	—	—	—	—	—
Cumberland	—	—	—	—	—	—	—	—
Delhi	—	—	—	—	—	—	—	—
Downsview	—	—	—	—	—	—	—	—
Dryden	—	—	—	—	—	—	—	—
Dunnville	—	—	—	—	—	—	—	—
East Gwillimbury	—	—	—	—	—	—	—	—
Elliot Lake	—	—	—	—	—	—	—	—
Elmira	—	—	—	—	—	—	—	—
Espanola	—	—	—	—	—	—	—	—
Essex	—	—	—	—	—	—	—	—
Etobicoke	—	—	—	8	10	—	—	—
Fergus	—	—	—	—	—	—	—	—
Fort Erie	—	—	—	—	—	—	—	—
Fort Frances	—	—	—	—	—	—	—	—
Gananoque	—	—	—	—	—	—	—	—
Garson	—	—	—	—	—	—	—	—
Georgetown	—	—	—	—	—	—	—	—
Goderich	—	—	—	—	—	—	—	—
Gravenhurst	—	—	—	—	—	—	—	—
Greely	—	—	—	—	—	—	—	—
Grimsby	—	—	—	—	—	—	—	—
Guelph	—	—	—	—	—	—	—	—
Hamilton	2	6	7	7	5	3	7	2
Hanmer	—	—	—	—	—	—	—	—
Hanover	—	—	—	—	—	—	—	—
Hawkesbury	—	—	—	—	—	—	—	—
Huntsville	—	—	—	—	—	—	—	—
Ingersoll	—	—	—	—	—	—	—	—
Innisfil	—	—	—	—	—	—	—	—
Kapuskasing	—	—	—	—	—	—	—	—
Kenora	—	—	—	—	—	—	—	—
Keswick	—	—	—	—	—	—	—	—
Kincardine	—	—	—	—	—	—	—	—
King City	—	—	—	—	—	—	—	—
Kingston	—	—	—	—	—	—	—	—
Kingsville	—	—	—	—	—	—	—	—
Kirkland Lake	—	—	—	—	—	—	—	—
Kitchener	—	—	—	—	7	—	—	4
Leamington	—	—	—	—	—	—	—	—
Lindsay	—	—	—	—	—	—	—	—
Listowel	—	—	—	—	—	—	—	—
Lively	—	—	—	—	—	—	—	—
London	—	—	—	6	3	5	—	—
Manotick	—	—	—	—	—	—	—	—
Maple	—	—	—	—	—	—	—	—
Markham	—	—	—	—	—	1	—	—
Meaford	—	—	—	—	—	—	—	—

Pancreatic Resection Surgery Mortality: Rank by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Midland	—	—	—	—	—	—	—	—
Milton	—	—	—	—	—	—	—	—
Mississauga	3	4	4	2	4	—	4	9
Napanee	—	—	—	—	—	—	—	—
Navan	—	—	—	—	—	—	—	—
New Hamburg	—	—	—	—	—	—	—	—
Newmarket	—	—	—	—	—	—	—	—
Niagara Falls	—	—	—	—	—	—	5	—
North Bay	—	—	—	—	—	—	—	—
North York	—	—	—	—	—	—	—	—
Oakville	—	—	—	—	6	—	—	—
Orangeville	—	—	—	—	—	—	—	—
Orillia	—	—	—	—	—	—	—	—
Oshawa	—	—	—	—	—	—	—	—
Ottawa	1	5	3	1	2	7	2	5
Owen Sound	—	—	—	—	—	—	—	—
Paris	—	—	—	—	—	—	—	—
Parry Sound	—	—	—	—	—	—	—	—
Pembroke	—	—	—	—	—	—	—	—
Penetanguishene	—	—	—	—	—	—	—	—
Perth	—	—	—	—	—	—	—	—
Petawawa	—	—	—	—	—	—	—	—
Peterborough	—	—	—	—	—	—	—	—
Pickering	—	—	—	—	—	—	—	—
Port Colborne	—	—	—	—	—	—	—	—
Port Hope	—	—	—	—	—	—	—	—
Port Perry	—	—	—	—	—	—	—	—
Port Stanley	—	—	—	—	—	—	—	—
Renfrew	—	—	—	—	—	—	—	—
Richmond Hill	—	—	—	—	—	—	—	—
Rockland	—	—	—	—	—	—	—	—
Russell	—	—	—	—	—	—	—	—
Sarnia	—	—	—	—	—	—	—	—
Sault Ste. Marie	—	—	—	—	—	—	—	—
Scarborough	6	3	1	3	9	4	1	3
Simcoe	—	—	—	—	—	—	—	—
Sioux Lookout	—	—	—	—	—	—	—	—
Smiths Falls	—	—	—	—	—	—	—	—
St. Catharine	—	—	—	—	—	—	—	—
St. Mary's	—	—	—	—	—	—	—	—
St. Thomas	—	—	—	—	—	—	—	—
Stouffville	—	—	—	—	—	—	—	—
Stratford	—	—	—	—	—	—	—	—
Strathroy	—	—	—	—	—	—	—	—
Sturgeon	—	—	—	—	—	—	—	—
Sudbury	—	—	—	—	—	—	—	—
Thornhill	—	—	—	—	—	—	—	—
Thunder Bay	—	—	—	—	—	—	—	—
Tillsonburg	—	—	—	—	—	—	—	—
Timmins	—	—	—	—	—	—	—	—
Toronto	7	1	5	4	1	2	6	6
Trenton	—	—	—	—	—	—	—	—
Uxbridge	—	—	—	—	—	—	—	—
Val Caron	—	—	—	—	—	—	—	—
Wallaceburg	—	—	—	—	—	—	—	—
Wasaga Beach	—	—	—	—	—	—	—	—
Welland	—	—	—	—	—	—	—	—
Weston	—	—	—	—	—	—	—	—
Whitby	—	—	—	—	—	—	—	—
Willowdale	—	—	—	—	—	—	8	7
Windsor	5	—	—	—	—	—	—	1
Woodbridge	—	—	—	—	—	—	—	—
Woodstock	—	—	—	—	—	—	—	—
Rural	4	2	2	5	8	6	3	8
Other	—	—	—	—	11	—	—	—

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"—" indicates either no data were available for that facility for that year, that the institution did not exist in that year, or that the data were censored to protect patient confidentiality (when the denominator for a given indicator ≤ 5)

Abdominal Aortic Artery (AAA) Repair Mortality: Rank by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Acton	—	—	—	—	—	—	—	—
Ajax	49	8	7	45	24	—	—	—
Alliston	—	—	18	—	—	—	—	—
Amherstburg	33	—	—	—	—	—	—	—
Arnprior	—	—	—	—	—	—	—	—
Aurora	—	—	—	—	—	—	—	—
Aylmer West	—	46	—	—	—	—	—	—
Barrie	4	3	38	27	2	—	—	—
Belleville	16	—	49	40	15	—	—	—
Bolton	—	—	—	—	—	—	—	—
Bowmanville	53	29	9	—	—	—	—	—
Bracebridge	—	49	—	—	—	—	—	—
Bradford	—	—	—	—	—	—	—	—
Brampton	31	6	44	14	38	—	—	—
Brantford	44	28	40	16	43	—	—	—
Brockville	—	—	—	12	—	—	—	—
Burlington	15	10	13	33	33	—	—	—
Caledon	—	—	—	—	—	—	—	—
Caledonia	—	—	—	—	—	—	—	—
Cambridge	22	37	2	21	16	—	—	—
Carleton Place	—	—	—	—	—	—	—	—
Chatham	—	—	—	—	—	—	—	—
Cobourg	21	—	20	—	32	—	—	—
Collingwood	—	—	—	—	28	—	—	—
Concord	—	—	—	—	—	—	—	—
Cornwall	6	18	36	34	3	—	—	—
Cumberland	—	—	—	—	—	—	—	—
Delhi	—	—	—	—	—	—	—	—
Downsview	10	43	35	23	42	—	—	—
Dryden	—	—	—	—	—	—	—	—
Dunnville	—	—	—	—	—	—	—	—
East Gwillimbury	—	—	—	—	—	—	—	—
Elliot Lake	—	47	—	1	—	—	—	—
Elmira	—	—	—	—	—	—	—	—
Espanola	—	—	—	—	—	—	—	—
Essex	—	—	—	—	—	—	—	—
Etobicoke	27	24	45	37	17	—	—	—
Fergus	—	—	—	—	—	—	—	—
Fort Erie	—	—	—	—	—	—	—	—
Fort Frances	—	—	—	—	—	—	—	—
Gananoque	—	—	—	—	—	—	—	—
Garson	—	—	—	—	—	—	—	—
Georgetown	46	—	—	—	—	—	—	—
Goderich	—	—	—	—	—	—	—	—
Gravenhurst	—	—	—	—	—	—	—	—
Greely	—	—	—	—	—	—	—	—
Grimsby	—	—	—	—	11	—	—	—
Guelph	34	22	16	35	7	—	—	—
Hamilton	40	16	24	9	39	—	—	—
Hanmer	—	—	—	—	—	—	—	—
Hanover	—	—	—	—	—	—	—	—
Hawkesbury	—	—	46	—	—	—	—	—
Huntsville	—	—	—	—	—	—	—	—
Ingersoll	—	—	—	—	—	—	—	—
Innisfil	—	—	—	—	14	—	—	—
Kapuskasing	—	—	—	—	—	—	—	—
Kenora	—	—	—	—	—	—	—	—
Keswick	—	—	—	—	—	—	—	—
Kincardine	—	—	—	—	—	—	—	—
King City	—	—	—	—	—	—	—	—
Kingston	45	12	15	30	35	—	—	—
Kingsville	—	—	—	—	—	—	—	—
Kirkland Lake	—	—	—	—	—	—	—	—
Kitchener	54	34	32	20	40	—	—	—
Leamington	—	—	—	—	—	—	—	—
Lindsay	—	35	6	—	48	—	—	—
Listowel	—	—	—	—	—	—	—	—
Lively	—	—	—	—	—	—	—	—
London	5	42	11	5	26	—	—	—
Manotick	—	—	—	—	—	—	—	—
Maple	—	—	—	—	—	—	—	—
Markham	35	1	43	2	6	—	—	—
Meaford	—	—	—	—	—	—	—	—

Abdominal Aortic Artery (AAA) Repair Mortality: Rank by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Midland	—	—	—	—	—	—	—	—
Milton	—	—	4	—	—	—	—	—
Mississauga	43	20	11	6	12	—	—	—
Napanee	—	—	—	—	20	—	—	—
Navan	—	—	—	—	—	—	—	—
New Hamburg	—	—	—	—	—	—	—	—
Newmarket	7	—	39	—	—	—	—	—
Niagara Falls	52	36	14	4	44	—	—	—
North Bay	9	31	48	39	36	—	—	—
North York	18	50	41	46	—	—	—	—
Oakville	41	7	33	19	19	—	—	—
Orangeville	—	—	—	38	—	—	—	—
Orillia	17	48	3	15	27	—	—	—
Oshawa	28	22	27	28	31	—	—	—
Ottawa	20	33	33	17	13	—	—	—
Owen Sound	8	2	17	36	22	—	—	—
Paris	—	—	—	—	—	—	—	—
Parry Sound	—	—	—	—	—	—	—	—
Pembroke	23	38	—	—	—	—	—	—
Penetanguishene	—	—	—	—	—	—	—	—
Perth	39	—	—	—	—	—	—	—
Petawawa	—	—	—	—	—	—	—	—
Peterborough	12	25	30	10	5	—	—	—
Pickering	—	—	5	42	46	—	—	—
Port Colborne	13	30	—	—	—	—	—	—
Port Hope	—	39	—	—	—	—	—	—
Port Perry	—	—	—	—	—	—	—	—
Port Stanley	—	—	—	—	—	—	—	—
Renfrew	—	—	—	—	—	—	—	—
Richmond Hill	50	44	47	—	—	—	—	—
Rockland	—	—	—	—	—	—	—	—
Russell	—	—	—	—	—	—	—	—
Sarnia	11	4	23	31	9	—	—	—
Sault Ste. Marie	29	13	21	7	25	—	—	—
Scarborough	32	26	31	13	23	—	—	—
Simcoe	—	5	—	—	—	—	—	—
Sioux Lookout	—	—	—	—	—	—	—	—
Smiths Falls	—	15	—	—	—	—	—	—
St. Catharine	30	32	19	11	37	—	—	—
St. Mary's	—	—	—	—	—	—	—	—
St. Thomas	1	—	—	—	—	—	—	—
Stouffville	—	—	—	—	—	—	—	—
Stratford	—	—	—	—	—	—	—	—
Strathroy	—	—	—	—	—	—	—	—
Sturgeon	—	—	—	—	—	—	—	—
Sudbury	3	9	22	43	34	—	—	—
Thornhill	2	21	28	3	20	—	—	—
Thunder Bay	26	40	37	18	41	—	—	—
Tillsonburg	—	—	—	—	—	—	—	—
Timmins	19	—	—	—	—	—	—	—
Toronto	41	27	29	22	29	—	—	—
Trenton	—	—	—	8	1	—	—	—
Uxbridge	—	—	—	—	—	—	—	—
Val Caron	—	—	—	—	—	—	—	—
Wallaceburg	—	—	—	—	—	—	—	—
Wasaga Beach	—	—	—	—	—	—	—	—
Welland	36	17	42	41	4	—	—	—
Weston	48	41	50	29	45	—	—	—
Whitby	14	—	10	44	17	—	—	—
Willowdale	37	14	8	25	47	—	—	—
Windsor	51	11	26	32	10	—	—	—
Woodbridge	25	—	—	—	—	—	—	—
Woodstock	38	—	—	—	—	—	—	—
Rural	24	19	25	24	30	—	—	—
Other	47	45	1	26	8	—	—	—

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Coronary Artery Bypass Graft (CABG) Mortality: Rank by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Acton	—	7	37	105	109	31	107	33
Ajax	75	93	9	93	27	93	39	41
Alliston	1	107	53	114	117	63	113	89
Amherstburg	29	104	11	1	52	72	26	14
Arnprior	43	35	50	99	14	19	19	106
Aurora	25	14	104	49	52	95	109	116
Aylmer West	50	113	52	62	33	1	66	94
Barrie	98	12	25	87	74	107	62	75
Belleville	96	28	111	29	104	83	102	80
Bolton	46	41	20	35	1	40	108	118
Bowmanville	39	13	14	34	93	1	24	19
Bracebridge	1	111	5	26	50	24	32	1
Bradford	116	51	53	37	101	13	33	55
Brampton	105	40	77	75	79	89	85	70
Brantford	77	25	19	73	31	59	33	91
Brockville	52	79	107	120	78	30	97	68
Burlington	76	64	90	33	86	46	93	58
Caledon	—	—	—	—	—	—	—	—
Caledonia	34	23	95	—	—	112	105	110
Cambridge	80	37	94	69	95	87	45	56
Carleton Place	117	116	4	11	1	19	1	10
Chatham	104	26	6	92	30	50	46	8
Cobourg	35	43	74	89	26	40	86	77
Collingwood	23	32	21	20	25	60	59	49
Concord	—	—	—	16	115	115	48	12
Cornwall	19	55	40	63	76	53	58	15
Cumberland	—	—	—	—	—	1	—	57
Delhi	20	109	8	13	—	16	69	—
Downsview	86	74	83	73	32	50	42	35
Dryden	—	—	—	—	—	—	—	—
Dunnville	9	27	1	39	111	116	12	105
East Gwillimbury	26	—	12	54	23	18	—	117
Elliot Lake	112	24	117	55	37	104	35	78
Elmira	—	—	55	67	—	1	—	18
Espanola	57	—	—	25	116	—	71	—
Essex	113	9	50	49	—	52	14	—
Etobicoke	88	85	71	79	66	85	84	37
Fergus	55	47	16	—	17	—	1	30
Fort Erie	27	45	28	113	15	75	25	16
Fort Frances	—	—	—	—	—	—	—	—
Gananoque	55	117	109	117	39	48	37	—
Garson	42	52	61	119	10	1	—	—
Georgetown	111	89	66	47	13	62	53	112
Goderich	1	8	13	23	42	54	104	48
Gravenhurst	—	1	26	40	41	44	29	92
Greely	—	49	—	—	54	120	—	—
Grimsby	33	3	115	98	29	101	57	95
Guelph	21	91	88	84	43	96	82	36
Hamilton	93	87	62	101	40	65	67	63
Hanmer	49	56	103	64	64	118	47	53
Hanover	1	115	41	38	—	69	—	46
Hawkesbury	11	108	1	44	1	—	1	119
Huntsville	37	101	33	110	15	99	106	47
Ingersoll	38	114	116	10	6	58	51	24
Innisfil	—	—	—	52	107	64	27	90
Kapuskasing	60	59	60	24	60	22	10	29
Kenora	—	—	—	—	—	—	—	—
Keswick	8	21	24	41	61	25	36	22
Kincardine	13	31	110	1	56	26	20	109
King City	—	46	47	42	110	17	—	59
Kingston	71	77	92	102	82	71	96	84
Kingsville	107	1	7	9	68	119	40	113
Kirkland Lake	65	41	42	13	1	—	—	96
Kitchener	48	56	85	77	80	73	61	20
Leamington	101	105	59	1	57	22	73	115
Lindsay	14	103	70	71	38	97	98	87
Listowel	28	—	—	—	50	32	—	9
Lively	52	48	30	36	—	—	64	1
London	91	92	64	61	69	68	87	86
Manotick	—	62	10	17	—	15	—	—
Maple	1	22	47	51	7	67	28	43
Markham	74	38	77	90	87	56	100	40
Meaford	41	20	—	1	—	—	—	—

Coronary Artery Bypass Graft (CABG) Mortality: Rank by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Midland	100	17	17	111	45	28	112	81
Milton	102	30	29	30	34	21	90	11
Mississauga	84	68	56	72	83	79	64	68
Napanee	30	54	46	22	99	111	17	44
Navan	—	—	—	—	—	—	—	—
New Hamburg	—	—	—	—	—	—	1	—
Newmarket	99	95	72	109	108	109	38	103
Niagara Falls	87	112	98	97	88	34	55	61
North Bay	97	69	67	96	46	37	15	25
North York	69	90	68	68	65	55	23	98
Oakville	31	78	76	21	59	38	43	60
Orangeville	24	110	31	32	103	33	101	107
Orillia	66	63	88	85	97	35	103	104
Oshawa	70	60	32	76	48	90	80	51
Ottawa	83	84	87	83	96	43	22	31
Owen Sound	81	50	100	106	8	39	11	74
Paris	64	—	44	116	28	117	—	28
Parry Sound	10	36	113	31	57	1	68	21
Pembroke	114	33	82	104	81	86	1	1
Penetanguishene	45	44	114	107	44	57	18	108
Perth	32	10	15	1	100	1	111	17
Petawawa	1	4	—	—	11	1	9	1
Peterborough	44	66	91	64	47	66	49	42
Pickering	72	76	84	28	75	106	8	38
Port Colborne	109	102	43	95	21	108	7	85
Port Hope	22	100	106	7	63	100	62	100
Port Perry	36	16	36	17	—	1	114	99
Port Stanley	—	—	—	58	—	—	—	1
Renfrew	18	106	23	1	19	1	1	1
Richmond Hill	79	71	64	56	55	105	99	65
Rockland	115	53	—	12	20	78	—	—
Russell	—	—	—	—	—	—	—	—
Sarnia	63	83	96	86	66	60	73	81
Sault Ste. Marie	67	39	35	81	91	102	30	32
Scarborough	59	73	63	87	62	42	72	66
Simcoe	12	97	105	94	18	1	60	52
Sioux Lookout	—	—	—	—	—	—	—	—
Smiths Falls	108	88	27	19	12	110	13	1
St. Catharine	94	67	39	48	90	88	82	39
St. Mary's	1	—	—	43	1	81	—	62
St. Thomas	17	6	17	115	85	49	92	102
Stouffville	52	29	102	45	22	113	94	45
Stratford	89	18	101	100	36	92	21	26
Strathroy	16	—	108	118	114	1	70	23
Sturgeon	—	—	—	—	—	—	52	114
Sudbury	92	94	99	108	98	102	16	27
Thornhill	68	74	68	80	102	91	79	83
Thunder Bay	51	58	75	81	24	45	31	64
Tillsonburg	118	80	49	—	106	98	40	93
Timmins	103	34	86	91	92	114	50	101
Toronto	85	65	80	53	72	75	89	73
Trenton	110	96	1	27	105	27	75	111
Uxbridge	58	5	38	112	113	29	55	50
Val Caron	61	15	56	56	71	—	—	—
Wallaceburg	62	19	112	121	8	74	110	12
Wasaga Beach	—	—	—	—	—	—	—	—
Welland	82	81	97	8	84	94	80	88
Weston	95	98	34	60	89	77	91	76
Whitby	106	99	58	78	49	36	54	97
Willowdale	40	82	79	46	73	70	88	72
Windsor	78	70	93	59	70	82	76	79
Woodbridge	47	72	45	13	94	46	77	67
Woodstock	15	11	22	103	112	14	43	34
Rural	73	61	81	66	77	80	77	71
Other	90	86	72	70	34	84	94	53

Note: It is not possible to compare data from 1997-2001 with data from 2002-2004 because of the change in coding classification from ICD9CCP to ICD10CA in FY2002

"—" indicates either no data were available for that facility for that year, that the institution did not exist in that year, or that the data were censored to protect patient confidentiality (when the denominator for a given indicator ≤ 5)

Craniotomy Mortality: Rank by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
	—	—	68	36	1	66	—	—
Ajax	20	56	55	31	12	23	9	25
Alliston	—	—	—	70	—	—	34	—
Amherstburg	4	12	17	32	—	1	—	60
Arnprior	—	—	—	—	—	—	—	—
Aurora	—	18	60	53	1	52	55	27
Aylmer West	—	—	—	—	—	—	—	—
Barrie	56	36	31	22	19	38	70	23
Belleville	12	5	63	39	53	22	6	1
Bolton	—	—	—	—	62	—	—	1
Bowmanville	58	58	8	33	67	20	10	72
Bracebridge	—	—	—	—	—	—	18	28
Bradford	—	—	—	—	—	—	—	—
Brampton	18	4	13	42	49	56	12	58
Brantford	53	52	70	21	8	9	47	54
Brockville	6	—	44	—	66	41	16	20
Burlington	33	10	16	54	22	28	38	21
Caledon	—	—	—	—	—	—	—	—
Caledonia	—	62	—	1	—	—	8	6
Cambridge	38	34	50	10	1	31	31	24
Carleton Place	—	—	—	—	—	—	—	29
Chatham	51	9	19	28	16	57	1	73
Cobourg	60	—	49	27	71	—	66	—
Collingwood	—	—	—	—	1	—	13	30
Concord	—	—	—	—	—	—	—	—
Cornwall	63	64	12	11	41	17	56	68
Cumberland	—	—	—	—	—	—	—	—
Delhi	—	—	—	—	—	—	61	—
Downsview	25	37	28	44	39	36	64	52
Dryden	—	—	—	—	—	—	—	—
Dunnville	—	—	—	—	—	—	—	10
East Gwillimbury	—	—	10	—	—	—	—	—
Elliot Lake	—	54	—	16	68	65	28	67
Elmira	—	—	—	—	—	—	—	—
Espanola	—	—	—	—	—	—	—	—
Essex	—	66	26	—	—	44	—	—
Etobicoke	39	28	52	15	37	53	5	47
Fergus	—	—	—	—	—	—	66	—
Fort Erie	19	53	—	—	—	—	—	62
Fort Frances	—	—	—	—	—	—	—	—
Gananoque	—	—	—	—	—	—	—	—
Garson	—	—	—	—	—	—	—	—
Georgetown	14	61	9	17	58	10	25	63
Goderich	—	6	—	1	18	—	71	—
Gravenhurst	—	—	—	—	—	59	—	—
Greely	—	—	—	—	—	—	—	—
Grimsby	24	—	—	—	29	63	69	7
Guelph	28	42	21	64	47	58	62	37
Hamilton	48	40	54	60	54	27	63	55
Hanmer	—	—	—	—	—	—	—	—
Hanover	—	—	—	—	—	—	—	—
Hawkesbury	—	—	—	14	—	—	—	—
Huntsville	—	—	—	—	—	—	—	—
Ingersoll	—	—	—	—	—	—	—	—
Innisfil	—	—	—	—	—	—	—	16
Kapuskasing	—	—	—	—	—	18	—	—
Kenora	—	—	—	—	—	—	—	—
Keswick	—	15	64	—	69	—	—	—
Kincardine	—	—	—	—	—	—	—	—
King City	—	—	—	—	—	—	—	—
Kingston	59	23	66	55	65	61	17	65
Kingsville	—	—	—	—	—	60	—	—
Kirkland Lake	—	—	—	—	—	—	—	—
Kitchener	27	27	23	47	48	42	48	38
Leamington	5	3	65	7	28	—	43	—
Lindsay	—	17	—	—	70	1	1	4
Listowel	—	—	—	—	—	—	—	—
Lively	—	—	—	—	—	—	—	—
London	30	33	25	20	32	29	33	45
Manotick	—	—	18	—	—	—	—	—
Maple	—	—	1	1	—	1	35	48
Markham	42	19	37	38	6	26	1	35
Meaford	57	—	—	—	—	—	—	—

Craniotomy Mortality: Rank by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Midland	—	1	7	65	—	—	—	—
Milton	8	51	—	5	26	68	4	53
Mississauga	50	50	39	30	34	50	22	42
Napanee	2	—	—	—	9	—	—	—
Navan	—	—	—	—	—	—	—	—
New Hamburg	—	—	—	—	—	—	—	—
Newmarket	16	26	20	19	35	1	40	26
Niagara Falls	55	46	62	69	59	34	44	32
North Bay	17	22	29	59	61	55	26	49
North York	21	63	46	45	64	54	36	9
Oakville	45	59	69	57	50	33	59	33
Orangeville	9	—	61	29	24	7	68	70
Orillia	65	55	51	8	45	15	60	19
Oshawa	32	48	45	58	38	19	57	57
Ottawa	36	29	36	43	15	37	50	44
Owen Sound	54	65	1	41	10	—	27	—
Paris	—	—	—	1	—	—	—	—
Parry Sound	—	11	—	—	—	—	—	—
Pembroke	41	39	5	62	—	45	46	17
Penetanguishene	1	—	—	—	—	—	—	—
Perth	—	—	—	—	—	—	—	—
Petawawa	—	—	—	—	—	—	—	—
Peterborough	44	30	53	52	56	11	19	8
Pickering	26	16	38	66	46	51	45	66
Port Colborne	—	—	—	18	—	—	—	71
Port Hope	—	—	24	—	55	—	—	—
Port Perry	—	—	—	24	—	—	—	—
Port Stanley	—	—	—	—	—	—	—	—
Renfrew	—	—	—	—	—	—	—	—
Richmond Hill	61	14	58	35	30	1	49	56
Rockland	—	—	—	—	—	—	—	—
Russell	—	—	—	—	—	—	—	—
Sarnia	52	8	56	9	14	14	20	46
Sault Ste. Marie	49	24	67	40	17	24	42	13
Scarborough	35	35	41	26	23	39	15	34
Simcoe	47	49	—	37	—	—	—	69
Sioux Lookout	—	—	—	—	—	—	—	—
Smiths Falls	13	—	22	—	44	—	—	15
St. Catharine	22	25	30	25	25	46	54	18
St. Mary's	—	—	27	—	—	—	—	—
St. Thomas	3	44	6	46	13	16	7	41
Stouffville	—	—	—	—	—	25	—	—
Stratford	—	—	15	23	7	—	23	14
Strathroy	—	—	—	—	—	—	58	—
Sturgeon	—	—	—	—	—	—	—	—
Sudbury	64	60	57	67	21	64	24	40
Thornhill	7	20	59	6	40	12	30	12
Thunder Bay	31	31	4	13	5	13	29	43
Tillsonburg	—	—	31	—	11	—	—	64
Timmins	—	41	14	50	27	1	—	—
Toronto	29	45	43	49	43	35	40	11
Trenton	10	—	—	—	57	62	53	3
Uxbridge	—	—	—	—	—	—	—	—
Val Caron	—	—	—	—	—	—	—	—
Wallaceburg	—	—	—	—	—	8	—	—
Wasaga Beach	—	—	—	—	—	—	—	—
Welland	62	47	11	61	36	67	65	61
Weston	43	43	35	63	42	49	20	5
Whitby	34	7	46	47	63	21	11	51
Willowdale	37	13	48	68	33	32	39	50
Windsor	23	57	42	56	52	30	51	39
Woodbridge	11	21	34	12	60	47	32	59
Woodstock	15	1	1	—	51	43	14	22
Rural	40	32	40	34	31	40	37	36
Other	46	38	33	51	20	48	52	31

Note: It is not possible to compare data from 1997-2001 with data from 2002-2004 because of the change in coding classification from ICD9CCP to ICD10CA in FY2002

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Hip Replacement Mortality: Rank by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Acton	—	—	—	—	68	111	62	13
Ajax	21	74	25	39	1	24	31	66
Alliston	—	83	8	75	68	64	95	10
Amherstburg	9	97	75	60	39	11	81	57
Arnprior	51	—	—	—	53	38	103	53
Aurora	36	40	66	88	1	21	1	82
Aylmer West	4	40	10	—	26	55	96	7
Barrie	59	1	1	55	47	99	1	115
Belleville	9	15	35	45	1	1	31	47
Bolton	44	83	—	—	82	73	60	72
Bowmanville	44	27	62	45	30	32	1	72
Bracebridge	34	83	75	28	34	30	75	72
Bradford	59	32	—	45	—	110	47	—
Brampton	17	32	49	75	47	10	70	53
Brantford	12	27	21	39	8	28	1	116
Brockville	—	—	—	17	—	42	38	72
Burlington	36	24	10	92	92	38	13	10
Caledon	—	—	—	—	—	—	—	—
Caledonia	70	68	66	12	1	—	60	66
Cambridge	36	68	1	83	61	32	47	23
Carleton Place	—	—	—	—	—	—	38	14
Chatham	36	22	28	55	30	46	35	42
Cobourg	79	10	18	13	34	27	16	62
Collingwood	59	—	85	55	23	18	26	91
Concord	—	—	—	—	—	—	—	—
Cornwall	59	27	19	67	47	64	26	47
Cumberland	—	—	—	—	—	—	—	—
Delhi	44	40	—	28	21	—	81	82
Downsview	8	47	35	1	9	73	1	111
Dryden	—	—	66	—	—	8	—	82
Dunnville	—	32	42	83	34	108	81	82
East Gwillimbury	—	—	—	—	53	—	57	5
Elliot Lake	44	68	42	28	84	79	81	1
Elmira	13	—	85	45	—	73	62	120
Espanola	—	57	—	—	—	—	16	—
Essex	59	74	90	11	—	64	—	14
Etobicoke	83	24	92	9	91	95	15	18
Fergus	—	—	—	—	—	—	20	82
Fort Erie	59	47	62	10	82	79	70	91
Fort Frances	—	—	23	—	—	—	—	—
Gananoque	2	6	49	75	—	28	—	32
Garson	—	—	—	—	—	—	—	—
Georgetown	51	—	75	13	61	55	43	47
Goderich	13	47	75	70	11	64	13	72
Gravenhurst	29	—	10	—	61	106	81	18
Greely	—	—	—	—	—	—	—	—
Grimsby	25	4	75	28	39	79	20	37
Guelph	59	61	62	45	53	62	57	32
Hamilton	17	90	57	1	90	93	107	104
Hanmer	—	64	75	—	84	84	96	97
Hanover	—	—	—	—	—	—	81	82
Hawkesbury	—	—	—	—	—	—	—	99
Huntsville	59	74	1	70	61	64	52	72
Ingersoll	74	12	66	1	39	1	62	32
Innisfil	—	—	—	—	26	73	81	29
Kapuskasing	—	—	—	—	—	—	—	—
Kenora	—	—	22	—	—	—	—	—
Keswick	29	22	66	60	—	42	96	32
Kincardine	74	74	—	—	68	46	81	97
King City	—	—	—	67	—	—	103	57
Kingston	29	24	95	24	1	98	47	106
Kingsville	93	47	—	15	86	55	11	72
Kirkland Lake	—	—	—	—	—	—	—	—
Kitchener	29	40	14	39	34	30	23	107
Leamington	94	47	8	39	100	1	1	5
Lindsay	91	94	57	20	97	22	75	18
Listowel	—	—	—	—	—	73	—	23
Lively	—	—	—	45	68	22	96	42
London	25	91	49	28	89	97	109	110
Manotick	—	—	1	—	68	55	1	23
Maple	51	27	—	18	61	64	103	57
Markham	89	32	23	39	44	16	26	112
Meaford	—	83	—	75	—	64	—	—

Hip Replacement Mortality: Rank by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Midland	59	68	42	—	13	84	38	121
Milton	—	15	42	83	53	46	81	62
Mississauga	3	9	49	55	11	24	112	105
Napanee	4	64	35	95	68	1	12	72
Navan	—	—	—	—	—	—	—	—
New Hamburg	—	—	—	—	—	—	52	37
Newmarket	17	57	42	70	23	1	52	37
Niagara Falls	88	74	49	94	95	94	62	57
North Bay	44	15	62	75	17	102	62	47
North York	16	40	97	24	26	32	116	14
Oakville	86	93	25	15	30	42	52	37
Orangeville	21	13	49	70	68	84	47	62
Orillia	21	96	31	34	68	42	81	42
Oshawa	29	32	57	24	93	46	1	1
Ottawa	25	1	91	24	88	90	106	103
Owen Sound	59	64	75	60	68	36	81	32
Paris	44	74	39	—	—	79	75	66
Parry Sound	74	8	66	70	99	64	29	4
Pembroke	25	32	—	83	47	79	47	72
Penetanguishene	—	74	66	75	53	46	35	66
Perth	—	—	—	—	—	84	25	37
Petawawa	—	—	—	—	—	84	57	—
Peterborough	36	47	28	20	23	16	114	109
Pickering	70	68	98	45	53	36	70	91
Port Colborne	1	74	85	67	68	55	43	12
Port Hope	95	5	34	96	44	64	70	53
Port Perry	9	15	1	60	53	11	35	99
Port Stanley	—	—	—	—	—	—	—	—
Renfrew	79	—	14	18	—	107	81	1
Richmond Hill	7	20	85	60	44	101	115	113
Rockland	—	—	—	—	—	109	—	82
Russell	—	—	—	—	—	—	—	—
Sarnia	42	32	96	34	1	62	75	114
Sault Ste. Marie	87	61	42	39	68	38	62	29
Scarborough	21	92	28	90	10	92	111	9
Simcoe	51	68	85	1	15	24	29	23
Sioux Lookout	—	—	—	—	—	—	—	—
Smiths Falls	70	47	75	—	68	38	81	91
St. Catharine	36	47	94	28	94	46	110	23
St. Mary's	51	—	—	—	—	—	96	66
St. Thomas	13	13	49	1	17	18	117	118
Stouffville	51	6	75	34	68	84	19	23
Stratford	90	10	35	55	61	14	52	14
Strathroy	—	40	66	1	39	46	23	91
Sturgeon	—	—	—	—	—	—	75	53
Sudbury	44	19	57	45	17	55	31	29
Thornhill	51	64	49	75	26	46	38	42
Thunder Bay	85	40	25	8	39	99	38	66
Tillsonburg	92	57	19	20	98	9	81	119
Timmins	51	87	31	45	53	13	10	7
Toronto	81	87	66	91	47	73	16	102
Trenton	74	61	57	60	47	46	1	72
Uxbridge	—	—	14	—	13	18	96	82
Val Caron	—	—	—	—	—	—	96	91
Wallaceburg	—	74	39	83	61	14	75	18
Wasaga Beach	—	—	—	—	—	—	—	82
Welland	4	3	31	34	30	1	20	18
Weston	42	32	39	93	1	104	43	57
Whitby	34	47	17	34	96	103	62	47
Willowdale	82	27	1	20	17	96	43	108
Windsor	84	47	13	45	34	1	113	47
Woodbridge	70	20	1	75	68	55	62	62
Woodstock	17	94	84	1	21	105	70	117
Rural	74	89	93	89	87	91	107	101
Other	59	57	42	60	15	32	31	42

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Acute Myocardial Infarction (AMI) Mortality: Rank by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Acton	—	—	—	—	—	130	12	46
Ajax	—	—	—	—	—	35	30	89
Alliston	—	—	—	—	—	34	130	121
Amherstburg	—	—	—	—	—	52	19	110
Arnprior	—	—	—	—	—	126	126	47
Aurora	—	—	—	—	—	59	100	40
Aylmer West	—	—	—	—	—	23	36	57
Barrie	—	—	—	—	—	51	55	77
Belleville	—	—	—	—	—	74	95	24
Bolton	—	—	—	—	—	20	17	54
Bowmanville	—	—	—	—	—	79	13	75
Bracebridge	—	—	—	—	—	81	123	65
Bradford	—	—	—	—	—	39	5	8
Brampton	—	—	—	—	—	54	50	39
Brantford	—	—	—	—	—	45	93	82
Brockville	—	—	—	—	—	96	117	96
Burlington	—	—	—	—	—	48	49	32
Caledon	—	—	—	—	—	—	—	—
Caledonia	—	—	—	—	—	5	9	35
Cambridge	—	—	—	—	—	68	108	80
Carleton Place	—	—	—	—	—	92	76	131
Chatham	—	—	—	—	—	38	51	94
Cobourg	—	—	—	—	—	104	18	105
Collingwood	—	—	—	—	—	122	42	113
Concord	—	—	—	—	—	62	11	11
Cornwall	—	—	—	—	—	105	91	68
Cumberland	—	—	—	—	—	103	—	16
Delhi	—	—	—	—	—	17	41	114
Downsview	—	—	—	—	—	48	89	106
Dryden	—	—	—	—	—	98	127	45
Dunnville	—	—	—	—	—	128	111	49
East Gwillimbury	—	—	—	—	—	123	—	12
Elliot Lake	—	—	—	—	—	117	110	88
Elmira	—	—	—	—	—	134	44	3
Espanola	—	—	—	—	—	111	28	22
Essex	—	—	—	—	—	13	4	104
Etobicoke	—	—	—	—	—	30	73	85
Fergus	—	—	—	—	—	44	119	109
Fort Erie	—	—	—	—	—	16	120	125
Fort Frances	—	—	—	—	—	120	122	51
Gananoque	—	—	—	—	—	40	64	129
Garson	—	—	—	—	—	1	—	27
Georgetown	—	—	—	—	—	28	104	64
Goderich	—	—	—	—	—	119	132	92
Gravenhurst	—	—	—	—	—	92	116	70
Greely	—	—	—	—	—	19	1	122
Grimsby	—	—	—	—	—	132	39	119
Guelph	—	—	—	—	—	95	106	76
Hamilton	—	—	—	—	—	63	44	55
Hanmer	—	—	—	—	—	32	6	14
Hanover	—	—	—	—	—	54	113	17
Hawkesbury	—	—	—	—	—	113	33	84
Huntsville	—	—	—	—	—	46	102	21
Ingersoll	—	—	—	—	—	2	96	20
Innisfil	—	—	—	—	—	18	22	28
Kapuskasing	—	—	—	—	—	110	67	115
Kenora	—	—	—	—	—	112	101	117
Keswick	—	—	—	—	—	102	32	42
Kincardine	—	—	—	—	—	14	70	6
King City	—	—	—	—	—	131	90	1
Kingston	—	—	—	—	—	36	52	62
Kingsville	—	—	—	—	—	115	83	9
Kirkland Lake	—	—	—	—	—	9	16	133
Kitchener	—	—	—	—	—	25	75	53
Leamington	—	—	—	—	—	24	103	4
Lindsay	—	—	—	—	—	85	10	51
Listowel	—	—	—	—	—	127	109	44
Lively	—	—	—	—	—	89	107	117
London	—	—	—	—	—	26	38	63
Manotick	—	—	—	—	—	10	7	2
Maple	—	—	—	—	—	47	84	60
Markham	—	—	—	—	—	76	72	97
Meaford	—	—	—	—	—	42	114	15

Acute Myocardial Infarction (AMI) Mortality: Rank by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Midland	—	—	—	—	—	77	121	108
Milton	—	—	—	—	—	109	63	132
Mississauga	—	—	—	—	—	61	48	81
Napanee	—	—	—	—	—	69	15	87
Navan	—	—	—	—	—	—	8	—
New Hamburg	—	—	—	—	—	—	87	5
Newmarket	—	—	—	—	—	94	26	69
Niagara Falls	—	—	—	—	—	64	115	102
North Bay	—	—	—	—	—	91	97	72
North York	—	—	—	—	—	31	27	72
Oakville	—	—	—	—	—	86	81	48
Orangeville	—	—	—	—	—	37	118	34
Orillia	—	—	—	—	—	121	24	95
Oshawa	—	—	—	—	—	58	31	41
Ottawa	—	—	—	—	—	50	58	77
Owen Sound	—	—	—	—	—	77	37	28
Paris	—	—	—	—	—	12	47	10
Parry Sound	—	—	—	—	—	108	60	128
Pembroke	—	—	—	—	—	107	78	126
Penetanguishene	—	—	—	—	—	82	43	61
Perth	—	—	—	—	—	83	98	100
Petawawa	—	—	—	—	—	71	21	134
Peterborough	—	—	—	—	—	101	99	99
Pickering	—	—	—	—	—	15	80	74
Port Colborne	—	—	—	—	—	124	55	124
Port Hope	—	—	—	—	—	53	86	120
Port Perry	—	—	—	—	—	27	2	18
Port Stanley	—	—	—	—	—	83	52	13
Renfrew	—	—	—	—	—	11	79	116
Richmond Hill	—	—	—	—	—	41	25	31
Rockland	—	—	—	—	—	4	35	59
Russell	—	—	—	—	—	118	128	23
Sarnia	—	—	—	—	—	22	20	36
Sault Ste. Marie	—	—	—	—	—	65	65	71
Scarborough	—	—	—	—	—	33	77	86
Simcoe	—	—	—	—	—	88	23	127
Sioux Lookout	—	—	—	—	—	125	3	—
Smiths Falls	—	—	—	—	—	3	124	93
St. Catharine	—	—	—	—	—	99	92	98
St. Mary's	—	—	—	—	—	116	54	79
St. Thomas	—	—	—	—	—	87	29	33
Stouffville	—	—	—	—	—	7	82	38
Stratford	—	—	—	—	—	6	71	19
Strathroy	—	—	—	—	—	8	131	111
Sturgeon	—	—	—	—	—	133	125	112
Sudbury	—	—	—	—	—	56	85	103
Thornhill	—	—	—	—	—	21	46	66
Thunder Bay	—	—	—	—	—	97	62	90
Tillsonburg	—	—	—	—	—	114	34	56
Timmins	—	—	—	—	—	90	66	25
Toronto	—	—	—	—	—	75	55	67
Trenton	—	—	—	—	—	129	88	50
Uxbridge	—	—	—	—	—	70	129	123
Val Caron	—	—	—	—	—	106	133	130
Wallaceburg	—	—	—	—	—	43	105	7
Wasaga Beach	—	—	—	—	—	—	—	135
Welland	—	—	—	—	—	67	40	26
Weston	—	—	—	—	—	80	112	101
Whitby	—	—	—	—	—	29	61	36
Willowdale	—	—	—	—	—	100	58	43
Windsor	—	—	—	—	—	59	69	91
Woodbridge	—	—	—	—	—	57	94	107
Woodstock	—	—	—	—	—	72	14	30
Rural	—	—	—	—	—	73	74	83
Other	—	—	—	—	—	66	68	58

Note: It is not possible to compare data from 1997-2001 with data from 2002-2004 because of the change in coding classification from ICD9CCP to ICD10CA in FY2002

"—" indicates either no data were available for that facility for that year, that the institution did not exist in that year, or that the data were censored to protect patient confidentiality (when the denominator for a given indicator ≤ 5)

Congestive Heart Failure (CHF) Mortality: Rank by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Acton	125	126	112	13	6	115	120	57
Ajax	105	112	13	43	49	94	58	99
Alliston	98	129	124	22	61	83	59	14
Amherstburg	109	31	5	26	38	27	87	117
Arnprior	16	68	34	12	98	111	69	79
Aurora	116	118	91	93	34	16	33	121
Aylmer West	56	111	8	16	107	17	107	13
Barrie	62	57	40	50	93	62	71	64
Belleville	23	75	98	84	58	79	79	19
Bolton	119	3	9	15	39	99	22	17
Bowmanville	92	80	114	86	118	122	49	110
Bracebridge	17	20	36	42	20	15	122	124
Bradford	6	84	1	5	122	59	3	118
Brampton	64	42	23	81	31	41	32	74
Brantford	58	56	25	21	55	57	45	108
Brockville	85	64	113	67	92	24	83	133
Burlington	34	83	57	30	48	65	93	53
Caledon	—	—	—	—	—	—	—	—
Caledonia	2	21	1	41	25	63	121	127
Cambridge	40	23	72	56	97	100	56	81
Carleton Place	11	26	73	71	15	43	42	3
Chatham	75	47	96	35	44	67	101	62
Cobourg	9	7	16	102	64	96	123	134
Collingwood	35	24	111	36	100	125	81	123
Concord	99	8	80	3	22	33	21	25
Cornwall	82	121	115	121	116	116	86	90
Cumberland	122	97	117	—	101	1	—	104
Delhi	118	13	4	117	124	113	74	88
Downsview	41	60	39	32	106	74	39	60
Dryden	124	128	32	4	123	109	60	30
Dunnville	111	95	120	82	125	123	109	98
East Gwillimbury	126	4	65	8	5	—	8	4
Elliot Lake	37	57	103	77	120	127	11	100
Elmira	25	28	122	119	2	1	103	54
Espanola	15	130	63	118	121	10	112	36
Essex	88	43	35	100	103	75	27	91
Etobicoke	50	55	76	59	60	72	65	77
Fergus	26	15	11	75	52	7	94	114
Fort Erie	30	48	97	106	76	118	106	51
Fort Frances	22	37	18	55	83	66	43	61
Gananoque	24	125	67	101	89	129	125	23
Garson	—	124	108	73	129	7	7	136
Georgetown	123	73	14	24	33	71	116	89
Goderich	69	22	10	37	66	25	99	103
Gravenhurst	4	84	20	97	19	19	44	47
Greely	—	12	—	—	—	—	—	135
Grimsby	47	122	56	126	113	70	119	9
Guelph	48	91	48	53	41	103	75	106
Hamilton	52	49	68	38	54	44	67	49
Hanmer	113	50	7	111	13	51	129	18
Hanover	39	6	22	20	8	119	14	16
Hawkesbury	110	127	123	128	119	126	88	131
Huntsville	107	77	49	108	3	120	20	8
Ingersoll	13	61	100	105	21	28	19	20
Innisfil	—	—	—	23	99	45	63	68
Kapuskasing	3	93	90	115	7	110	105	80
Kenora	95	27	6	44	85	90	40	63
Keswick	7	25	27	57	12	30	1	34
Kincardine	120	114	127	45	23	1	127	29
King City	1	16	3	6	126	9	36	5
Kingston	103	117	71	79	88	91	57	87
Kingsville	97	52	85	72	83	56	80	97
Kirkland Lake	19	106	91	104	36	32	16	56
Kitchener	45	79	42	65	79	89	97	24
Leamington	52	17	31	46	117	6	15	85
Lindsay	67	108	109	34	28	86	28	120
Listowel	94	123	66	125	4	130	4	2
Lively	5	1	116	129	1	88	131	107
London	79	102	89	95	87	50	51	76
Manotick	—	—	—	127	—	—	47	130
Maple	27	35	21	113	47	14	5	10
Markham	66	44	78	96	111	64	96	46
Meaford	121	2	119	17	68	117	26	6

Congestive Heart Failure (CHF) Mortality: Rank by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Midland	78	81	83	109	70	46	110	52
Milton	12	11	126	110	85	81	84	67
Mississauga	90	93	106	94	75	61	77	70
Napanee	31	86	15	85	105	114	126	122
Navan	111	—	—	90	—	—	—	41
New Hamburg	—	—	—	—	—	—	10	128
Newmarket	43	100	60	14	43	34	78	22
Niagara Falls	57	88	83	69	102	105	117	102
North Bay	61	110	107	99	78	95	124	94
North York	80	38	28	19	44	80	113	39
Oakville	60	98	76	33	52	77	12	55
Orangeville	17	51	59	52	10	13	68	31
Orillia	54	40	43	25	28	124	91	84
Oshawa	93	67	104	70	81	93	50	33
Ottawa	62	92	86	78	26	87	92	48
Owen Sound	89	69	118	40	80	20	18	75
Paris	21	70	101	112	42	73	62	116
Parry Sound	95	18	26	11	9	29	30	38
Pembroke	83	87	88	88	114	58	66	109
Penetanguishene	77	65	63	61	18	37	17	21
Perth	84	29	95	91	112	11	128	126
Petawawa	127	113	29	124	40	131	70	1
Peterborough	117	104	102	74	56	68	111	105
Pickering	51	74	52	83	46	60	13	82
Port Colborne	19	114	19	66	82	85	104	112
Port Hope	73	19	125	7	108	82	100	115
Port Perry	104	78	12	48	49	49	1	43
Port Stanley	128	5	54	9	—	39	—	—
Renfrew	81	34	50	1	109	104	130	125
Richmond Hill	114	99	43	80	62	34	46	28
Rockland	86	41	128	1	16	101	132	26
Russell	—	—	—	—	—	1	9	11
Sarnia	49	90	45	87	69	78	102	71
Sault Ste. Marie	65	39	74	27	35	36	82	64
Scarborough	42	76	70	62	51	40	55	50
Simcoe	32	10	99	68	127	102	51	83
Sioux Lookout	100	120	81	—	11	1	85	72
Smiths Falls	108	30	47	122	95	97	114	58
St. Catharine	102	107	79	58	94	68	95	96
St. Mary's	14	88	30	123	59	21	89	40
St. Thomas	46	101	46	89	104	98	34	42
Stouffville	55	53	61	97	90	128	6	95
Stratford	10	14	38	10	24	92	108	15
Strathroy	28	116	87	107	128	18	76	113
Sturgeon	—	—	—	—	14	112	28	12
Sudbury	76	82	110	92	66	52	72	78
Thornhill	29	9	32	28	96	31	23	45
Thunder Bay	68	105	93	48	37	47	64	27
Tillsonburg	115	70	58	50	65	53	61	129
Timmins	43	32	24	18	63	53	37	69
Toronto	37	45	55	63	72	53	54	37
Trenton	8	59	37	47	115	22	115	132
Uxbridge	70	119	94	114	57	121	38	93
Val Caron	—	72	—	—	—	12	35	7
Wallaceburg	101	96	105	120	110	107	41	111
Wasaga Beach	—	—	—	—	—	—	—	100
Welland	91	53	61	75	27	108	118	59
Weston	33	36	50	54	30	26	24	86
Whitby	87	102	121	103	17	23	90	32
Willowdale	106	65	75	64	32	38	31	35
Windsor	74	62	69	39	73	42	51	73
Woodbridge	71	46	17	31	74	48	48	44
Woodstock	35	109	53	116	91	106	98	119
Rural	59	63	82	60	70	84	73	66
Other	72	33	41	29	77	76	25	92

Note: It is not possible to compare data from 1997-2001 with data from 2002-2004 because of the change in coding classification from ICD9CCP to ICD10CA in FY2002

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Acute Stroke Mortality: Rank by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Acton	117	115	123	122	13	104	126	114
Ajax	88	59	99	66	40	43	17	45
Alliston	43	20	122	87	72	124	121	5
Amherstburg	108	22	48	96	51	30	36	90
Arnprior	3	69	63	72	21	64	6	55
Aurora	26	49	70	34	101	91	61	23
Aylmer West	104	126	39	66	26	55	26	47
Barrie	32	76	16	11	10	53	32	20
Belleville	36	66	17	107	73	99	112	8
Bolton	125	95	98	123	9	10	117	56
Bowmanville	35	26	94	111	70	95	54	17
Bracebridge	68	21	114	121	12	107	109	115
Bradford	48	44	31	85	66	25	116	2
Brampton	58	18	84	12	18	32	7	32
Brantford	33	62	81	23	44	49	60	57
Brockville	96	105	102	113	83	119	81	98
Burlington	113	80	27	55	53	77	86	66
Caledon	—	—	—	—	—	—	—	—
Caledonia	12	61	92	85	5	8	96	100
Cambridge	47	90	85	89	105	82	59	64
Carleton Place	22	47	118	101	46	13	29	122
Chatham	25	63	69	26	67	100	67	74
Cobourg	103	103	108	112	80	112	122	68
Collingwood	121	101	30	116	117	29	106	118
Concord	116	19	—	33	41	14	92	123
Cornwall	102	99	100	105	87	113	95	108
Cumberland	—	—	—	—	—	—	—	—
Delhi	119	8	12	95	119	98	125	13
Downsview	83	73	21	92	107	81	78	80
Dryden	16	123	83	65	106	120	130	105
Dunnville	27	118	116	99	68	50	84	82
East Gwillimbury	56	6	4	6	4	—	10	—
Elliot Lake	106	120	105	45	55	127	123	51
Elmira	97	—	19	4	—	126	129	99
Espanola	123	25	93	25	—	56	1	—
Essex	115	74	37	58	15	3	5	63
Etobicoke	94	67	56	53	31	66	58	65
Fergus	15	46	35	81	11	58	11	109
Fort Erie	11	74	119	98	24	16	114	41
Fort Frances	6	50	113	49	6	96	104	15
Gananoque	101	85	32	127	95	117	31	121
Garson	122	106	13	17	45	—	3	—
Georgetown	110	24	68	18	56	41	89	101
Goderich	19	37	10	40	3	51	14	78
Gravenhurst	7	78	14	114	123	92	119	92
Greely	—	—	103	—	—	7	46	—
Grimsby	112	58	121	41	37	118	94	19
Guelph	76	88	76	84	96	89	49	97
Hamilton	79	48	61	35	39	54	37	36
Hanmer	34	4	9	21	22	28	—	54
Hanover	4	51	80	37	48	61	118	116
Hawkesbury	41	31	101	5	59	17	13	28
Huntsville	18	27	55	110	110	122	86	18
Ingersoll	85	94	88	74	36	33	71	124
Innisfil	—	—	—	1	16	19	38	6
Kapuskasing	30	11	81	120	97	4	120	95
Kenora	126	86	95	128	125	73	66	7
Keswick	111	12	90	76	19	35	34	12
Kincardine	84	5	117	103	91	97	80	86
King City	2	1	3	3	29	—	4	—
Kingston	75	29	90	62	76	101	100	53
Kingsville	13	97	15	13	42	12	12	70
Kirkland Lake	80	113	126	126	63	121	127	43
Kitchener	54	82	47	93	86	67	102	89
Leamington	28	16	29	30	20	62	8	1
Lindsay	45	38	41	64	8	109	101	85
Listowel	70	13	106	106	121	83	124	94
Lively	8	15	87	108	113	115	24	81
London	49	43	54	60	74	27	62	35
Manotick	1	2	11	9	—	—	105	88
Maple	39	39	40	10	1	2	29	26
Markham	77	70	97	71	81	36	77	73
Meaford	60	109	111	74	99	24	113	4

Acute Stroke Mortality: Rank by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Midland	40	108	66	83	120	102	82	25
Milton	44	111	26	129	116	106	111	107
Mississauga	72	87	89	70	71	59	33	62
Napanee	5	17	115	119	78	123	19	44
Navan	—	—	—	43	—	—	2	—
New Hamburg	—	—	—	—	—	—	85	75
Newmarket	38	91	22	15	65	103	50	106
Niagara Falls	90	83	33	101	49	88	82	59
North Bay	37	100	104	97	103	114	110	24
North York	98	89	73	14	58	22	65	46
Oakville	87	95	74	88	84	71	23	42
Orangeville	20	110	42	42	77	38	35	33
Orillia	94	68	23	28	87	87	72	49
Oshawa	55	52	51	90	52	74	55	48
Ottawa	52	79	53	22	34	30	52	60
Owen Sound	14	122	24	63	27	84	16	21
Paris	86	3	106	52	32	11	41	71
Parry Sound	82	77	25	24	54	93	56	27
Pembroke	73	34	74	77	69	111	48	112
Penetanguishene	100	116	78	115	82	85	114	10
Perth	42	80	124	19	114	72	79	69
Petawawa	114	125	127	117	109	1	—	9
Peterborough	59	42	64	46	98	90	103	84
Pickering	50	40	60	51	102	94	44	30
Port Colborne	127	124	52	100	111	80	91	102
Port Hope	107	53	7	82	108	69	27	119
Port Perry	118	98	120	94	25	105	21	117
Port Stanley	—	—	—	—	6	43	—	—
Renfrew	108	104	38	2	122	110	97	120
Richmond Hill	93	30	20	44	17	21	41	29
Rockland	17	10	1	8	35	23	92	104
Russell	—	—	—	—	—	—	—	—
Sarnia	64	92	57	56	92	26	90	34
Sault Ste. Marie	51	45	59	36	75	40	45	83
Scarborough	62	65	58	48	61	52	47	31
Simcoe	120	119	125	29	112	108	98	103
Sioux Lookout	—	—	—	—	—	—	—	—
Smiths Falls	91	93	44	57	115	65	107	96
St. Catharine	74	40	72	69	93	79	73	58
St. Mary's	10	112	5	68	90	18	70	—
St. Thomas	66	72	86	59	38	70	41	91
Stouffville	81	114	109	118	126	15	22	39
Stratford	9	7	6	16	14	68	20	3
Strathroy	124	14	96	125	124	57	99	67
Sturgeon	—	—	—	—	2	5	128	93
Sudbury	46	56	112	73	93	86	75	38
Thornhill	21	32	49	38	27	9	39	50
Thunder Bay	65	36	43	50	47	47	69	72
Tillsonburg	92	33	27	124	127	42	57	113
Timmins	31	9	67	20	104	116	68	87
Toronto	66	54	62	54	50	43	40	22
Trenton	23	28	7	27	60	78	64	110
Uxbridge	29	121	18	77	85	125	8	111
Val Caron	24	35	2	31	30	6	18	—
Wallaceburg	99	117	77	104	23	63	63	16
Wasaga Beach	—	—	—	—	—	—	—	—
Welland	57	102	79	80	57	75	76	14
Weston	105	55	45	32	62	46	88	77
Whitby	53	23	70	109	118	39	15	40
Willowdale	78	60	36	79	43	60	51	61
Windsor	63	64	34	39	89	37	28	37
Woodbridge	69	71	65	7	79	34	25	11
Woodstock	61	84	46	47	33	20	108	78
Rural	71	57	50	60	63	76	73	52
Other	89	107	110	91	100	48	53	76

Note: It is not possible to compare data from 1997-2001 with data from 2002-2004 because of the change in coding classification from ICD9CCP to ICD10CA in FY2002

"—" indicates either no data were available for that facility for that year, that the institution did not exist in that year, or that the data were censored to protect patient confidentiality (when the denominator for a given indicator ≤ 5)

Gastrointestinal Hemorrhage Mortality: Rank by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Acton	121	—	1	57	1	26	118	1
Ajax	43	34	50	98	59	11	15	79
Alliston	20	64	92	30	124	119	111	128
Amherstburg	112	1	102	28	105	20	92	133
Arnprior	17	110	51	121	1	19	37	37
Aurora	113	101	66	80	1	112	103	29
Aylmer West	39	94	89	1	95	23	60	23
Barrie	53	86	67	66	95	53	61	57
Belleville	38	112	108	85	93	122	90	106
Bolton	80	119	29	1	118	79	104	110
Bowmanville	63	74	49	112	40	60	54	8
Bracebridge	64	77	1	118	67	80	5	119
Bradford	11	27	117	91	1	82	30	75
Brampton	26	23	39	51	33	51	70	49
Brantford	56	40	75	62	62	72	75	74
Brockville	52	43	65	81	36	54	44	59
Burlington	32	69	1	48	52	106	68	80
Caledon	—	—	—	—	—	—	—	—
Caledonia	89	20	118	—	1	13	39	104
Cambridge	86	33	1	67	81	58	88	33
Carleton Place	29	31	54	1	1	12	1	103
Chatham	105	89	56	68	1	59	73	49
Cobourg	110	103	37	79	90	86	110	86
Collingwood	87	83	106	43	74	68	112	20
Concord	97	1	1	1	1	32	40	125
Cornwall	34	35	85	76	66	99	78	45
Cumberland	—	—	—	—	—	—	—	—
Delhi	18	85	1	22	1	37	130	132
Downsview	76	65	43	61	56	73	108	120
Dryden	10	67	110	119	91	114	34	19
Dunnville	19	113	62	44	54	103	11	105
East Gwillimbury	55	—	—	—	—	1	32	131
Elliot Lake	24	1	1	57	103	120	82	102
Elmira	—	120	—	1	1	129	131	52
Espanola	120	23	122	123	—	1	123	40
Essex	21	121	76	27	99	1	124	107
Etobicoke	72	48	74	47	64	75	106	98
Fergus	104	115	72	32	1	65	9	68
Fort Erie	60	41	31	86	111	28	31	124
Fort Frances	30	108	93	70	26	84	33	1
Gananoque	—	106	112	1	125	27	42	21
Garson	—	—	—	1	35	126	1	13
Georgetown	51	38	1	116	117	104	1	112
Goderich	68	32	1	84	39	57	21	24
Gravenhurst	1	—	1	124	1	111	25	94
Greely	—	—	—	—	—	—	125	1
Grimsby	98	107	114	1	114	87	24	123
Guelph	93	42	64	41	75	92	113	62
Hamilton	76	52	82	45	57	78	89	54
Hanmer	1	1	124	31	1	1	10	1
Hanover	114	93	42	60	48	75	18	116
Hawkesbury	1	1	1	1	122	43	128	1
Huntsville	58	1	1	95	1	88	96	28
Ingersoll	31	102	98	1	28	102	7	10
Innisfil	—	—	—	—	72	44	121	89
Kapuskasing	23	17	1	52	1	112	85	122
Kenora	15	97	99	107	1	117	83	25
Keswick	96	118	58	22	120	25	84	1
Kincardine	100	37	45	1	121	17	56	70
King City	54	1	—	120	—	29	127	83
Kingston	59	39	86	36	69	110	29	35
Kingsville	41	1	55	34	100	101	71	45
Kirkland Lake	36	63	30	59	55	95	13	91
Kitchener	61	84	103	45	71	39	59	82
Leamington	102	72	90	83	25	121	37	34
Lindsay	122	51	116	74	38	93	6	76
Listowel	108	117	113	104	104	128	35	88
Lively	1	100	1	1	1	1	115	114
London	75	70	78	77	29	50	97	64
Manotick	—	26	119	—	—	—	20	15
Maple	1	98	81	1	1	21	26	81
Markham	82	16	52	65	113	83	120	65
Meaford	33	103	44	108	123	40	43	17

Gastrointestinal Hemorrhage Mortality: Rank by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Midland	115	109	94	73	107	97	119	31
Milton	35	22	38	1	110	14	98	12
Mississauga	46	29	32	34	44	61	52	49
Napanee	119	62	28	1	78	1	48	61
Navan	—	—	—	—	—	—	—	43
New Hamburg	—	—	—	—	—	—	—	126
Newmarket	107	90	34	117	84	35	22	117
Niagara Falls	106	57	73	56	97	63	91	109
North Bay	83	46	107	69	108	63	62	87
North York	88	96	1	63	48	108	100	41
Oakville	85	76	35	42	30	37	63	44
Orangeville	57	54	71	103	53	1	14	31
Orillia	91	60	120	75	119	48	53	84
Oshawa	101	66	97	90	45	46	72	115
Ottawa	94	82	96	99	76	45	66	73
Owen Sound	62	79	1	111	80	95	81	38
Paris	109	21	104	109	102	130	76	127
Parry Sound	1	71	121	38	1	54	114	29
Pembroke	70	58	33	64	98	123	101	108
Penetanguishene	1	1	69	92	61	118	8	72
Perth	116	114	69	28	37	80	23	96
Petawawa	44	—	59	—	42	1	45	134
Peterborough	14	81	67	24	109	91	87	100
Pickering	81	1	79	106	59	66	117	1
Port Colborne	45	72	84	25	94	74	102	118
Port Hope	28	1	1	105	115	115	16	113
Port Perry	1	1	1	115	116	1	19	70
Port Stanley	27	—	46	122	1	124	—	—
Renfrew	123	91	87	101	92	36	79	53
Richmond Hill	16	55	1	1	70	90	54	48
Rockland	13	—	40	1	—	34	129	92
Russell	—	—	—	—	—	—	—	18
Sarnia	84	80	99	50	89	42	58	69
Sault Ste. Marie	67	45	57	54	27	16	49	66
Scarborough	69	49	88	53	85	62	86	97
Simcoe	90	75	1	1	1	116	73	42
Sioux Lookout	42	28	123	—	34	30	51	—
Smiths Falls	124	116	47	87	45	125	122	129
St. Catharine	49	59	77	94	82	71	105	101
St. Mary's	118	99	41	113	48	56	116	39
St. Thomas	65	61	1	40	63	89	67	27
Stouffville	111	77	1	1	73	31	17	121
Stratford	12	19	1	1	65	15	1	89
Strathroy	66	1	109	96	106	22	99	130
Sturgeon	—	—	—	—	—	24	126	22
Sudbury	72	53	1	102	101	97	26	77
Thornhill	48	88	53	37	24	66	46	47
Thunder Bay	25	50	1	1	41	70	57	58
Tillsonburg	99	103	111	109	88	108	107	95
Timmins	40	44	36	49	47	33	63	92
Toronto	78	68	63	87	79	69	80	85
Trenton	92	1	1	93	77	1	95	9
Uxbridge	37	1	95	114	112	105	26	11
Val Caron	—	—	—	26	1	127	36	13
Wallaceburg	117	111	115	33	67	18	12	111
Wasaga Beach	—	—	—	—	—	—	—	55
Welland	50	95	105	38	58	107	109	67
Weston	74	56	101	100	32	51	94	99
Whitby	79	30	1	55	51	85	47	26
Willowdale	95	87	91	78	42	47	93	56
Windsor	47	36	61	82	87	100	65	59
Woodbridge	1	18	60	97	1	41	77	36
Woodstock	22	25	83	71	31	94	41	16
Rural	71	47	80	72	83	77	69	77
Other	103	92	48	89	86	48	50	63

Note: It is not possible to compare data from 1997-2001 with data from 2002-2004 because of the change in coding classification from ICD9CCP to ICD10CA in FY2002

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Hip Fracture Mortality: Rank by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Acton	12	—	17	101	—	—	116	10
Ajax	26	17	97	78	25	69	42	36
Alliston	—	27	12	82	66	84	68	13
Amherstburg	14	95	20	32	29	113	22	73
Arnprior	—	—	22	—	—	28	—	3
Aurora	75	9	104	109	13	40	65	105
Aylmer West	100	22	91	114	112	58	38	49
Barrie	17	63	33	31	24	71	49	75
Belleville	44	88	69	51	31	64	64	50
Bolton	29	13	59	13	1	101	16	82
Bowmanville	40	21	25	76	80	83	84	43
Bracebridge	6	11	63	6	14	1	92	12
Bradford	89	109	106	98	108	80	93	90
Brampton	58	65	56	64	92	38	91	67
Brantford	39	66	50	30	37	81	72	30
Brockville	95	81	65	80	89	109	70	59
Burlington	74	77	66	40	45	65	88	102
Caledon	—	—	—	—	—	—	—	—
Caledonia	—	7	—	104	10	98	6	101
Cambridge	25	41	30	53	19	42	29	11
Carleton Place	—	—	—	34	9	8	17	8
Chatham	24	45	34	48	22	30	85	87
Cobourg	85	72	101	50	67	13	11	99
Collingwood	46	12	46	86	91	60	95	21
Concord	—	—	—	—	—	—	1	91
Cornwall	27	48	95	92	23	31	32	86
Cumberland	—	—	—	—	—	—	—	—
Delhi	79	106	—	11	—	112	—	—
Downsview	34	59	42	77	98	73	103	81
Dryden	—	—	—	—	—	—	111	—
Dunnville	67	36	14	16	96	22	13	88
East Gwillimbury	—	—	—	—	79	18	—	—
Elliot Lake	108	89	109	44	17	23	97	94
Elmira	—	101	—	18	1	10	118	78
Espanola	—	—	—	—	103	—	—	—
Essex	15	—	94	1	115	108	110	112
Etobicoke	35	69	61	55	63	68	74	57
Fergus	53	60	52	8	110	—	14	26
Fort Erie	22	25	99	105	20	114	115	117
Fort Frances	42	50	102	21	94	52	52	71
Gananoque	33	10	105	90	107	115	117	111
Garson	19	—	98	—	—	—	—	—
Georgetown	2	5	84	107	27	57	36	93
Goderich	1	44	1	1	11	19	4	47
Gravenhurst	5	23	7	72	64	48	28	2
Greely	—	—	—	—	—	—	—	—
Grimsby	99	82	16	45	25	105	18	19
Guelph	28	40	61	27	41	85	30	36
Hamilton	48	73	83	70	73	44	65	39
Hanmer	104	—	—	—	—	—	—	—
Hanover	66	15	9	68	51	92	23	113
Hawkesbury	87	4	86	—	—	1	19	—
Huntsville	96	34	79	37	18	36	109	107
Ingersoll	23	26	21	25	21	104	83	116
Innisfil	—	—	—	—	52	1	101	14
Kapuskasing	—	8	1	—	—	—	7	—
Kenora	103	96	57	112	84	11	102	115
Keswick	49	29	76	99	57	102	105	20
Kincardine	93	—	—	5	102	—	89	104
King City	—	—	—	26	35	27	107	—
Kingston	47	56	43	65	88	99	114	76
Kingsville	105	99	107	1	40	110	26	118
Kirkland Lake	86	20	90	7	31	111	35	1
Kitchener	63	39	35	39	72	86	96	95
Leamington	62	6	11	54	54	89	54	4
Lindsay	70	107	31	9	58	37	44	51
Listowel	—	108	1	10	93	51	19	7
Lively	—	—	—	22	36	103	120	14
London	52	61	67	47	50	47	59	56
Manotick	—	—	—	—	—	—	—	—
Maple	—	104	1	115	114	20	78	42
Markham	51	74	78	33	101	107	79	60
Meaford	107	2	108	110	1	11	98	6

Hip Fracture Mortality: Rank by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Midland	69	43	7	49	43	7	106	108
Milton	82	33	27	89	48	9	9	100
Mississauga	41	54	45	62	53	66	31	74
Napanee	20	93	110	24	90	56	90	83
Navan	—	—	—	—	—	—	—	—
New Hamburg	—	—	—	—	—	—	—	5
Newmarket	90	38	37	57	68	33	41	28
Niagara Falls	102	66	72	73	74	39	37	62
North Bay	97	92	103	113	111	100	112	109
North York	72	94	68	38	104	67	108	72
Oakville	37	58	26	58	46	41	87	33
Orangeville	36	30	47	51	1	5	82	53
Orillia	76	79	29	17	12	95	81	27
Oshawa	80	83	41	45	82	35	58	32
Ottawa	57	70	89	84	60	74	53	46
Owen Sound	7	71	32	102	62	93	62	31
Paris	59	14	1	97	1	88	43	23
Parry Sound	77	35	44	41	99	87	119	68
Pembroke	56	100	87	67	30	43	8	24
Penetanguishene	8	17	13	29	15	77	15	17
Perth	4	57	92	94	113	58	10	98
Petawawa	—	—	—	—	—	—	—	9
Peterborough	88	85	49	75	78	17	46	40
Pickering	12	87	18	91	106	6	72	106
Port Colborne	106	75	112	96	105	24	104	84
Port Hope	10	19	93	20	39	16	46	77
Port Perry	—	—	82	106	34	—	113	110
Port Stanley	—	—	—	—	—	—	—	—
Renfrew	91	105	10	23	15	75	5	96
Richmond Hill	3	55	77	42	77	49	33	70
Rockland	—	—	100	35	—	—	1	16
Russell	—	—	—	—	—	—	—	—
Sarnia	71	42	38	93	56	69	24	41
Sault Ste. Marie	42	28	70	66	41	45	71	63
Scarborough	55	52	73	56	71	54	77	69
Simcoe	92	1	28	111	1	76	100	35
Sioux Lookout	—	—	—	—	—	—	—	—
Smiths Falls	83	98	111	74	85	90	56	97
St. Catharine	84	97	96	63	87	26	94	65
St. Mary's	9	80	15	19	86	14	62	52
St. Thomas	73	76	39	108	47	53	99	61
Stouffville	21	85	6	43	83	21	49	24
Stratford	11	24	36	15	59	61	34	45
Strathroy	101	91	19	59	109	106	24	17
Sturgeon	—	—	—	—	—	29	—	119
Sudbury	94	84	48	61	100	79	76	34
Thornhill	30	3	24	12	49	34	57	92
Thunder Bay	38	46	71	14	44	25	45	85
Tillsonburg	16	90	63	28	1	91	61	48
Timmins	50	37	75	85	1	4	75	44
Toronto	60	68	53	79	80	72	67	64
Trenton	31	102	58	68	75	96	1	103
Uxbridge	18	16	88	103	38	—	12	—
Val Caron	—	—	—	—	—	15	21	114
Wallaceburg	67	47	23	83	28	78	69	80
Wasaga Beach	—	—	—	—	—	—	—	—
Welland	65	103	81	87	97	32	85	89
Weston	81	62	85	35	69	82	48	22
Whitby	45	31	80	95	33	62	39	29
Willowdale	61	64	74	81	69	55	40	58
Windsor	78	78	54	88	76	46	79	38
Woodbridge	98	51	40	4	95	94	55	54
Woodstock	32	32	60	100	65	97	27	79
Rural	54	53	55	60	61	50	60	65
Other	64	48	51	70	55	63	51	55

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Pneumonia Mortality: Rank by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Acton	27	16	4	5	123	129	105	13
Ajax	79	43	98	25	43	13	29	76
Alliston	61	128	44	121	116	94	123	61
Amherstburg	20	42	5	125	128	2	8	65
Arnprior	21	10	115	56	14	18	39	11
Aurora	95	115	128	90	130	102	65	47
Aylmer West	105	7	125	89	33	125	75	78
Barrie	34	48	55	84	56	43	31	88
Belleville	82	90	112	116	99	41	78	74
Bolton	32	37	40	14	126	96	77	6
Bowmanville	87	58	94	68	63	76	52	23
Bracebridge	110	56	49	77	133	108	27	24
Bradford	114	24	14	6	120	22	35	80
Brampton	96	33	39	48	22	30	76	75
Brantford	36	65	22	16	80	72	69	62
Brockville	67	117	15	105	96	122	126	124
Burlington	39	69	19	32	85	81	85	70
Caledon	—	—	—	—	105	—	—	—
Caledonia	13	82	1	3	47	15	21	4
Cambridge	56	36	56	39	66	86	86	29
Carleton Place	40	60	11	52	11	66	12	85
Chatham	78	57	100	59	98	110	108	37
Cobourg	54	93	42	123	109	84	127	128
Collingwood	22	23	25	86	92	28	116	123
Concord	86	112	3	130	131	128	48	54
Cornwall	90	30	86	46	55	88	26	70
Cumberland	—	13	—	—	—	117	—	—
Delhi	33	19	28	95	119	20	59	93
Downsview	72	106	84	111	121	90	91	109
Dryden	53	99	63	52	15	124	15	9
Dunnville	102	124	53	28	115	89	44	100
East Gwillimbury	130	1	129	2	10	—	36	26
Elliot Lake	121	55	30	107	73	109	10	38
Elmira	5	110	124	4	2	27	72	126
Espanola	7	19	108	30	113	26	73	33
Essex	93	85	119	128	16	25	96	114
Etobicoke	89	72	85	117	107	112	87	122
Fergus	24	51	36	13	51	7	71	12
Fort Erie	120	125	32	75	35	21	92	116
Fort Frances	50	122	76	58	4	36	117	104
Gananoque	117	97	19	18	82	6	13	110
Garson	60	88	102	131	52	131	2	132
Georgetown	44	98	99	12	9	45	70	25
Goderich	6	9	10	57	70	47	14	17
Gravenhurst	18	61	79	87	95	33	129	107
Greely	—	—	—	—	117	1	—	22
Grimsby	97	123	31	82	12	40	83	83
Guelph	103	49	35	91	91	97	55	81
Hamilton	52	53	37	61	38	70	60	48
Hanmer	64	108	117	43	37	5	3	120
Hanover	4	17	17	36	29	101	19	40
Hawkesbury	37	35	6	29	102	79	38	2
Huntsville	119	78	62	96	53	63	37	19
Ingersoll	100	54	110	91	58	11	106	36
Innisfil	—	—	—	7	5	19	7	44
Kapuskasing	71	63	16	100	31	34	16	30
Kenora	73	127	48	120	129	127	121	121
Keswick	123	73	116	70	46	115	107	49
Kincardine	25	66	61	21	71	38	22	45
King City	28	6	91	9	122	111	119	99
Kingston	115	71	66	44	39	85	90	41
Kingsville	69	51	65	30	114	65	74	7
Kirkland Lake	42	91	38	38	112	44	113	129
Kitchener	63	96	52	97	84	87	81	101
Leamington	67	5	33	24	54	75	6	77
Lindsay	58	38	13	83	21	51	51	58
Listowel	118	77	59	108	32	71	20	69
Lively	129	114	2	47	73	41	17	94
London	47	78	64	79	23	59	23	57
Manotick	—	—	89	1	1	3	88	1
Maple	126	113	123	15	19	73	33	63
Markham	41	21	45	119	87	113	115	127
Meaford	15	3	43	129	13	9	18	66

Pneumonia Mortality: Rank by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Midland	116	41	109	74	20	35	109	34
Milton	92	7	27	23	93	57	111	86
Mississauga	94	74	87	104	94	105	99	97
Napanee	80	69	82	40	86	52	28	105
Navan	1	—	—	109	—	17	—	—
New Hamburg	—	—	—	—	—	—	1	131
Newmarket	107	59	97	51	72	98	43	118
Niagara Falls	29	27	69	44	75	74	47	98
North Bay	59	102	73	22	27	39	62	20
North York	101	95	106	122	97	106	95	79
Oakville	30	75	26	78	103	78	89	87
Orangeville	62	27	8	26	49	32	66	39
Orillia	12	14	68	80	81	53	101	72
Oshawa	66	89	75	59	78	55	82	42
Ottawa	51	86	51	64	34	54	58	67
Owen Sound	16	10	21	34	35	77	80	8
Paris	55	83	104	19	68	126	79	10
Parry Sound	11	40	34	99	41	107	5	51
Pembroke	99	87	105	118	57	93	120	82
Penetanguishene	106	81	83	54	66	46	49	43
Perth	122	118	122	66	125	95	57	125
Petawawa	127	119	71	35	28	14	4	3
Peterborough	81	116	88	94	118	104	110	115
Pickering	48	44	45	20	110	24	41	90
Port Colborne	65	105	118	62	6	8	92	111
Port Hope	104	62	101	88	132	80	53	130
Port Perry	8	126	113	8	8	120	130	113
Port Stanley	2	129	12	126	3	—	—	—
Renfrew	112	103	74	98	44	99	11	35
Richmond Hill	108	30	47	65	88	23	103	73
Rockland	109	2	127	10	62	50	46	32
Russell	128	—	—	—	—	—	—	—
Sarnia	37	107	78	32	50	91	56	31
Sault Ste. Marie	57	83	72	17	40	16	61	83
Scarborough	88	104	107	113	110	103	118	112
Simcoe	23	29	96	110	59	100	114	59
Sioux Lookout	124	26	126	76	30	130	124	5
Smiths Falls	75	120	114	127	124	118	98	117
St. Catharine	74	68	70	41	106	61	67	106
St. Mary's	70	4	103	63	7	10	9	55
St. Thomas	98	64	29	50	18	116	68	60
Stouffville	31	111	7	124	64	119	122	46
Stratford	17	25	9	11	25	12	30	64
Strathroy	3	32	81	66	104	114	97	14
Sturgeon	—	—	—	—	127	132	100	102
Sudbury	85	92	92	115	100	62	49	53
Thornhill	45	12	60	103	76	49	63	27
Thunder Bay	34	76	67	68	64	37	45	15
Tillsonburg	82	39	41	42	45	31	42	18
Timmins	19	18	23	101	24	48	34	16
Toronto	76	94	95	102	101	83	84	88
Trenton	49	15	58	37	61	56	125	119
Uxbridge	14	34	90	93	69	123	128	95
Val Caron	125	120	111	112	42	4	131	133
Wallaceburg	26	50	80	55	26	92	94	92
Wasaga Beach	—	—	—	—	—	—	—	28
Welland	9	47	18	27	89	29	24	56
Weston	43	46	49	72	77	58	104	51
Whitby	111	80	77	106	79	67	31	108
Willowdale	77	109	120	114	108	69	102	103
Windsor	91	99	93	85	83	68	64	68
Woodbridge	10	101	24	49	90	121	25	90
Woodstock	113	22	121	81	17	82	112	96
Rural	45	45	54	71	60	64	54	50
Other	84	67	57	73	48	60	40	21

Note: It is not possible to compare data from 1997-2001 with data from 2002-2004 because of the change in coding classification from ICD9CCP to ICD10CA in FY2002

"—" indicates either no data were available for that facility for that year, that the institution did not exist in that year, or that the data were censored to protect patient confidentiality (when the denominator for a given indicator ≤ 5)

Percutaneous Transluminal Coronary Angioplasty (PTCA) Mortality: Rank by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Acton	—	20	14	83	121	—	—	—
Ajax	31	42	27	50	102	—	100	25
Alliston	56	104	70	9	18	—	69	1
Amherstburg	25	98	8	71	19	—	79	16
Arnprior	69	74	74	37	60	—	120	78
Aurora	67	40	64	71	75	—	22	14
Aylmer West	—	63	113	19	74	—	65	29
Barrie	25	40	21	88	97	—	117	41
Belleville	92	97	103	98	33	—	26	68
Bolton	33	—	83	120	119	—	60	56
Bowmanville	94	33	109	59	24	—	43	24
Bracebridge	1	100	38	37	20	—	31	1
Bradford	61	60	64	31	44	—	1	20
Brampton	80	44	32	46	37	—	78	98
Brantford	88	19	99	54	37	—	111	101
Brockville	23	60	58	99	106	—	24	80
Burlington	77	86	96	44	103	—	97	106
Caledon	—	—	—	—	—	—	—	—
Caledonia	62	—	74	1	117	—	1	46
Cambridge	46	55	52	57	73	—	106	19
Carleton Place	75	101	13	1	1	—	52	105
Chatham	43	99	46	42	105	—	110	30
Cobourg	—	96	67	19	68	—	73	103
Collingwood	—	22	50	121	29	—	1	111
Concord	—	—	78	79	68	—	16	—
Cornwall	17	24	91	89	92	—	105	27
Cumberland	—	—	—	—	86	—	—	79
Delhi	—	—	—	—	1	—	41	—
Downsview	95	91	81	84	113	—	36	113
Dryden	—	—	—	—	—	—	—	—
Dunnville	—	—	1	55	77	—	1	77
East Gwillimbury	—	—	—	74	53	—	124	58
Elliot Lake	1	1	72	107	17	—	19	109
Elmira	—	—	—	—	—	—	—	47
Espanola	—	1	58	77	16	—	36	—
Essex	30	65	48	56	75	—	89	43
Etobicoke	85	83	64	66	84	—	89	74
Fergus	—	—	—	52	1	—	51	49
Fort Erie	32	105	—	111	119	—	14	48
Fort Frances	—	—	—	—	—	—	—	—
Gananoque	—	50	107	108	118	—	118	124
Garson	—	1	1	118	88	—	54	71
Georgetown	38	54	11	46	116	—	34	1
Goderich	—	59	10	1	60	—	33	1
Gravenhurst	—	71	37	116	25	—	125	120
Greely	—	—	—	75	—	—	70	1
Grimsby	41	102	18	16	46	—	56	25
Guelph	39	25	20	26	28	—	70	17
Hamilton	90	81	98	101	107	—	102	90
Hanmer	1	1	55	112	71	—	22	69
Hanover	1	—	—	24	—	—	77	—
Hawkesbury	28	53	111	119	62	—	85	115
Huntsville	1	1	52	28	57	—	14	123
Ingersoll	1	—	47	113	23	—	59	1
Innisfil	—	—	—	—	87	—	82	21
Kapuskasing	1	1	28	24	12	—	39	35
Kenora	—	—	—	—	—	—	—	—
Keswick	22	77	41	43	33	—	21	116
Kincardine	—	75	9	80	83	—	65	65
King City	—	—	69	46	1	—	28	13
Kingston	53	94	92	87	112	—	112	98
Kingsville	70	—	—	1	57	—	79	118
Kirkland Lake	1	1	16	30	42	—	1	114
Kitchener	78	30	23	70	70	—	83	63
Leamington	71	69	67	39	71	—	42	36
Lindsay	65	17	102	103	115	—	49	89
Listowel	—	—	—	—	—	—	—	61
Lively	1	—	79	77	—	—	1	122
London	93	92	105	82	101	—	114	102
Manotick	—	58	62	1	1	—	61	31
Maple	68	103	11	62	41	—	116	58
Markham	36	46	44	57	65	—	57	93
Meaford	—	—	—	52	13	—	—	126

Percutaneous Transluminal Coronary Angioplasty (PTCA) Mortality: Rank by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Midland	20	1	77	64	46	—	84	1
Milton	63	71	1	15	80	—	123	1
Mississauga	73	78	51	86	91	—	103	92
Napanee	96	32	112	8	14	—	108	112
Navan	—	—	—	—	—	—	—	53
New Hamburg	—	—	—	—	—	—	74	1
Newmarket	42	38	101	66	39	—	45	23
Niagara Falls	87	93	93	104	79	—	104	104
North Bay	81	1	95	36	15	—	108	37
North York	82	80	85	81	114	—	25	100
Oakville	47	84	42	35	50	—	18	85
Orangeville	63	14	30	18	26	—	32	39
Orillia	25	45	58	22	35	—	57	96
Oshawa	84	46	45	28	21	—	34	83
Ottawa	86	88	84	85	99	—	88	88
Owen Sound	52	26	7	39	26	—	64	32
Paris	—	66	—	34	80	—	1	70
Parry Sound	—	1	—	71	64	—	85	63
Pembroke	34	39	23	31	36	—	52	32
Penetanguishene	15	—	34	110	49	—	40	54
Perth	74	64	104	106	42	—	70	54
Petawawa	—	66	70	—	9	—	122	82
Peterborough	21	87	88	17	63	—	95	73
Pickering	89	43	97	23	57	—	100	45
Port Colborne	44	66	15	109	45	—	20	108
Port Hope	1	49	1	75	85	—	74	61
Port Perry	16	27	76	13	22	—	26	121
Port Stanley	—	—	—	—	—	—	—	—
Renfrew	18	31	54	61	56	—	1	110
Richmond Hill	58	35	90	91	94	—	115	95
Rockland	19	71	1	62	—	—	49	15
Russell	—	—	—	7	32	—	85	39
Sarnia	55	48	94	69	51	—	98	49
Sault Ste. Marie	1	1	25	93	97	—	47	28
Scarborough	83	60	72	92	88	—	91	93
Simcoe	23	76	62	41	31	—	67	22
Sioux Lookout	—	—	—	—	—	—	—	—
Smiths Falls	91	15	32	117	10	—	1	12
St. Catharine	56	28	55	27	108	—	44	97
St. Mary's	—	—	42	49	—	—	1	57
St. Thomas	34	95	6	114	29	—	1	1
Stouffville	1	29	36	10	66	—	63	117
Stratford	28	36	29	14	1	—	54	119
Strathroy	—	21	19	50	78	—	1	125
Sturgeon	—	—	—	—	—	—	17	18
Sudbury	1	1	26	105	110	—	68	86
Thornhill	60	90	108	33	54	—	38	65
Thunder Bay	51	52	57	100	93	—	61	84
Tillsonburg	—	18	35	122	11	—	1	58
Timmins	1	1	21	60	1	—	113	52
Toronto	76	79	81	94	104	—	99	86
Trenton	66	70	106	12	109	—	107	32
Uxbridge	—	—	39	11	48	—	79	51
Val Caron	—	—	40	64	67	—	119	75
Wallaceburg	58	16	48	115	90	—	93	65
Wasaga Beach	—	—	—	—	—	—	—	—
Welland	49	36	31	19	55	—	94	107
Weston	40	89	17	97	111	—	92	72
Whitby	48	22	100	1	100	—	46	91
Willowdale	79	82	87	95	80	—	48	75
Windsor	45	57	79	96	40	—	96	38
Woodbridge	54	51	61	44	52	—	28	44
Woodstock	72	34	110	66	1	—	121	1
Rural	37	55	86	90	96	—	76	81
Other	50	85	89	102	95	—	30	42

Note: It is not possible to compare data from 1997-2001 with data from 2002-2004 because of the change in coding classification from ICD9CCP to ICD10CA in FY2002

"—" indicates either no data were available for that facility for that year, that the institution did not exist in that year, or that the data were censored to protect patient confidentiality (when the denominator for a given indicator ≤ 5)

Carotid Endarterectomy Mortality: Rank by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Acton	—	—	—	—	—	—	—	—
Ajax	—	1	—	—	—	—	—	—
Alliston	—	—	—	—	—	—	—	24
Amherstburg	—	—	—	—	—	—	—	—
Arnprior	35	—	—	—	—	—	—	—
Aurora	—	42	—	—	—	—	—	—
Aylmer West	—	—	—	—	—	—	—	—
Barrie	57	1	1	16	11	20	20	44
Belleville	28	50	1	—	1	—	28	29
Bolton	—	—	—	—	—	—	—	—
Bowmanville	—	13	—	—	—	—	—	—
Bracebridge	15	—	—	—	—	—	—	1
Bradford	—	—	—	—	—	—	—	—
Brampton	48	1	17	21	24	18	1	1
Brantford	22	16	38	14	1	29	19	23
Brockville	—	39	42	—	—	—	—	—
Burlington	10	42	57	33	27	1	22	1
Caledon	—	—	—	—	—	—	—	—
Caledonia	—	—	—	—	—	—	—	—
Cambridge	19	40	—	35	1	25	25	48
Carleton Place	—	—	—	—	—	—	—	25
Chatham	13	54	22	16	31	—	38	—
Cobourg	—	14	—	—	31	—	36	—
Collingwood	—	1	40	—	—	27	1	1
Concord	—	—	—	—	—	—	—	—
Cornwall	1	48	1	1	49	41	—	—
Cumberland	—	—	—	—	—	—	—	—
Delhi	—	—	—	—	—	—	—	—
Downsview	28	1	55	39	17	1	1	46
Dryden	—	—	—	—	—	—	—	—
Dunnville	—	—	—	—	—	—	—	—
East Gwillimbury	—	—	—	—	—	—	—	—
Elliot Lake	27	37	15	11	1	36	—	39
Elmira	—	—	—	—	—	—	—	—
Espanola	—	24	—	—	—	—	—	—
Essex	—	—	—	—	—	—	—	—
Etobicoke	21	61	51	23	43	42	23	47
Fergus	—	—	—	—	—	—	—	—
Fort Erie	—	—	—	—	1	—	—	—
Fort Frances	—	—	—	—	—	—	—	—
Gananoque	—	—	—	—	—	—	—	—
Garson	—	—	—	—	—	—	—	—
Georgetown	—	—	—	—	—	—	—	—
Goderich	—	—	—	—	—	—	—	—
Gravenhurst	—	—	—	—	—	—	—	—
Greely	—	—	—	—	—	—	—	—
Grimsby	—	—	—	—	—	—	—	—
Guelph	37	27	1	35	31	40	42	22
Hamilton	49	23	53	23	16	38	14	40
Hanmer	42	—	45	—	—	37	39	—
Hanover	—	—	—	—	—	—	—	—
Hawkesbury	—	—	—	—	—	—	—	—
Huntsville	—	36	—	—	—	—	—	—
Ingersoll	—	—	—	—	—	—	—	—
Innisfil	—	—	—	39	1	1	24	26
Kapuskasing	32	—	30	—	42	—	—	—
Kenora	—	—	—	—	—	—	—	—
Keswick	—	9	—	—	—	—	—	—
Kincardine	—	—	—	—	—	—	—	—
King City	—	—	—	—	—	—	—	—
Kingston	1	40	45	19	19	20	35	28
Kingsville	—	—	—	—	—	—	—	—
Kirkland Lake	—	—	—	—	56	—	—	—
Kitchener	55	17	32	13	55	17	36	31
Leamington	—	—	34	—	—	—	—	—
Lindsay	—	1	—	—	14	—	—	26
Listowel	—	—	—	—	—	—	—	—
Lively	—	10	—	—	—	—	—	—
London	14	15	35	29	22	22	29	18
Manotick	—	—	—	—	—	—	—	—
Maple	—	—	—	—	—	—	—	—
Markham	1	1	45	—	11	—	—	—
Meaford	—	—	—	—	—	—	—	—

Carotid Endarterectomy Mortality: Rank by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Midland	37	50	1	38	29	—	—	—
Milton	—	—	—	—	—	—	—	—
Mississauga	46	20	20	20	36	35	13	42
Napanee	—	—	—	—	—	—	—	—
Navan	—	—	—	—	—	—	—	—
New Hamburg	—	—	—	—	—	—	—	—
Newmarket	6	54	36	41	—	—	34	1
Niagara Falls	32	45	58	1	40	26	1	31
North Bay	32	48	1	32	25	31	43	19
North York	15	45	1	14	1	1	18	1
Oakville	1	12	1	41	35	1	—	21
Orangeville	—	—	—	—	40	—	—	—
Orillia	24	31	16	33	1	28	32	37
Oshawa	25	50	1	1	49	1	17	1
Ottawa	50	57	1	45	53	1	1	41
Owen Sound	—	—	—	25	—	—	—	—
Paris	—	—	—	—	—	—	—	—
Parry Sound	25	26	30	18	15	33	33	30
Pembroke	35	—	36	43	—	1	—	—
Penetanguishene	—	—	1	—	36	—	—	—
Perth	23	—	40	—	—	—	—	—
Petawawa	—	—	—	—	—	—	—	—
Peterborough	9	17	23	30	20	16	26	34
Pickering	40	—	1	—	1	—	—	—
Port Colborne	—	—	43	1	—	—	—	—
Port Hope	—	—	—	—	—	—	—	—
Port Perry	—	—	—	—	—	—	—	—
Port Stanley	—	—	—	—	—	—	—	—
Renfrew	—	—	—	—	—	—	—	—
Richmond Hill	30	47	1	11	13	30	14	1
Rockland	—	—	—	—	—	—	—	—
Russell	—	—	—	—	—	—	—	—
Sarnia	30	33	38	35	36	—	31	—
Sault Ste. Marie	51	24	24	31	46	24	46	16
Scarborough	45	58	14	46	1	39	45	14
Simcoe	—	—	—	28	—	—	—	—
Sioux Lookout	—	—	—	—	—	—	—	—
Smiths Falls	17	—	26	—	—	—	—	—
St. Catharine	54	10	17	1	26	1	1	15
St. Mary's	—	—	—	—	—	—	—	—
St. Thomas	12	50	—	10	27	—	—	—
Stouffville	—	—	—	—	—	—	—	—
Stratford	1	37	—	—	—	—	—	31
Strathroy	—	—	—	—	—	—	—	—
Sturgeon	—	—	—	—	—	—	—	20
Sudbury	17	60	54	48	45	32	27	45
Thornhill	7	28	32	1	21	—	30	1
Thunder Bay	47	21	20	22	43	23	1	43
Tillsonburg	—	35	—	—	—	—	—	—
Timmins	52	1	17	8	22	—	41	—
Toronto	44	59	52	44	52	1	1	12
Trenton	39	56	—	—	—	—	—	—
Uxbridge	—	—	—	—	—	—	—	—
Val Caron	—	—	—	—	—	—	—	—
Wallaceburg	—	—	26	—	—	—	—	—
Wasaga Beach	—	—	—	—	—	—	—	—
Welland	19	42	49	26	36	15	12	38
Weston	56	30	56	9	18	1	16	34
Whitby	40	31	45	27	47	—	1	—
Willowdale	53	19	28	1	30	1	21	1
Windsor	8	34	25	49	54	1	1	1
Woodbridge	—	—	—	—	47	33	39	13
Woodstock	—	—	28	—	—	—	—	—
Rural	43	29	50	47	51	19	44	36
Other	10	22	43	50	34	1	1	17

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Acute Myocardial Infarction (AMI), without Transfer Cases Mortality: Rank by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Acton	—	—	—	—	—	—	—	—
Ajax	—	—	—	—	—	30	21	8
Alliston	—	—	—	—	—	—	60	13
Amherstburg	—	—	—	—	—	—	36	—
Arnprior	—	—	—	—	—	—	—	34
Aurora	—	—	—	—	—	1	—	—
Aylmer West	—	—	—	—	—	8	56	—
Barrie	—	—	—	—	—	29	7	22
Belleville	—	—	—	—	—	22	54	18
Bolton	—	—	—	—	—	32	—	—
Bowmanville	—	—	—	—	—	70	4	50
Bracebridge	—	—	—	—	—	—	—	—
Bradford	—	—	—	—	—	—	—	—
Brampton	—	—	—	—	—	12	41	49
Brantford	—	—	—	—	—	55	32	36
Brockville	—	—	—	—	—	34	46	38
Burlington	—	—	—	—	—	57	52	21
Caledon	—	—	—	—	—	—	—	—
Caledonia	—	—	—	—	—	—	—	—
Cambridge	—	—	—	—	—	64	48	61
Carleton Place	—	—	—	—	—	—	—	—
Chatham	—	—	—	—	—	48	29	35
Cobourg	—	—	—	—	—	—	—	—
Collingwood	—	—	—	—	—	—	—	—
Concord	—	—	—	—	—	—	—	—
Cornwall	—	—	—	—	—	50	37	27
Cumberland	—	—	—	—	—	—	—	—
Delhi	—	—	—	—	—	—	—	—
Downsview	—	—	—	—	—	23	—	—
Dryden	—	—	—	—	—	—	—	—
Dunnville	—	—	—	—	—	—	—	—
East Gwillimbury	—	—	—	—	—	—	—	—
Elliot Lake	—	—	—	—	—	—	—	—
Elmira	—	—	—	—	—	—	—	—
Espanola	—	—	—	—	—	—	—	—
Essex	—	—	—	—	—	17	3	32
Etobicoke	—	—	—	—	—	33	45	45
Fergus	—	—	—	—	—	—	—	—
Fort Erie	—	—	—	—	—	—	—	—
Fort Frances	—	—	—	—	—	—	—	53
Gananoque	—	—	—	—	—	—	—	—
Garson	—	—	—	—	—	—	—	—
Georgetown	—	—	—	—	—	—	—	—
Goderich	—	—	—	—	—	—	—	63
Gravenhurst	—	—	—	—	—	—	—	56
Greely	—	—	—	—	—	—	2	26
Grimsby	—	—	—	—	—	60	—	64
Guelph	—	—	—	—	—	21	51	47
Hamilton	—	—	—	—	—	35	17	30
Hanmer	—	—	—	—	—	—	—	—
Hanover	—	—	—	—	—	—	—	—
Hawkesbury	—	—	—	—	—	59	—	—
Huntsville	—	—	—	—	—	—	—	—
Ingersoll	—	—	—	—	—	1	9	—
Innisfil	—	—	—	—	—	—	—	—
Kapuskasing	—	—	—	—	—	—	—	—
Kenora	—	—	—	—	—	69	—	—
Keswick	—	—	—	—	—	—	—	—
Kincardine	—	—	—	—	—	—	—	—
King City	—	—	—	—	—	—	—	—
Kingston	—	—	—	—	—	44	33	44
Kingsville	—	—	—	—	—	47	18	9
Kirkland Lake	—	—	—	—	—	—	—	58
Kitchener	—	—	—	—	—	46	58	54
Leamington	—	—	—	—	—	14	34	7
Lindsay	—	—	—	—	—	58	25	28
Listowel	—	—	—	—	—	—	—	—
Lively	—	—	—	—	—	—	—	—
London	—	—	—	—	—	24	12	20
Manotick	—	—	—	—	—	—	5	2
Maple	—	—	—	—	—	—	—	—
Markham	—	—	—	—	—	38	—	23
Meaford	—	—	—	—	—	—	—	—

Acute Myocardial Infarction (AMI), without Transfer Cases Mortality: Rank by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Midland	—	—	—	—	—	—	—	—
Milton	—	—	—	—	—	40	—	—
Mississauga	—	—	—	—	—	31	39	46
Napanee	—	—	—	—	—	41	—	42
Navan	—	—	—	—	—	—	—	—
New Hamburg	—	—	—	—	—	—	—	—
Newmarket	—	—	—	—	—	—	49	—
Niagara Falls	—	—	—	—	—	7	59	57
North Bay	—	—	—	—	—	66	43	3
North York	—	—	—	—	—	62	24	5
Oakville	—	—	—	—	—	63	22	41
Orangeville	—	—	—	—	—	—	—	—
Orillia	—	—	—	—	—	56	15	60
Oshawa	—	—	—	—	—	19	35	52
Ottawa	—	—	—	—	—	18	13	24
Owen Sound	—	—	—	—	—	26	40	48
Paris	—	—	—	—	—	—	—	—
Parry Sound	—	—	—	—	—	—	—	—
Pembroke	—	—	—	—	—	67	—	66
Penetanguishene	—	—	—	—	—	—	—	—
Perth	—	—	—	—	—	37	—	—
Petawawa	—	—	—	—	—	—	—	—
Peterborough	—	—	—	—	—	51	—	6
Pickering	—	—	—	—	—	13	31	33
Port Colborne	—	—	—	—	—	27	8	29
Port Hope	—	—	—	—	—	—	—	25
Port Perry	—	—	—	—	—	—	—	—
Port Stanley	—	—	—	—	—	—	—	—
Renfrew	—	—	—	—	—	1	10	59
Richmond Hill	—	—	—	—	—	20	11	17
Rockland	—	—	—	—	—	—	—	4
Russell	—	—	—	—	—	—	—	—
Sarnia	—	—	—	—	—	15	27	—
Sault Ste. Marie	—	—	—	—	—	52	19	1
Scarborough	—	—	—	—	—	49	42	40
Simcoe	—	—	—	—	—	—	47	15
Sioux Lookout	—	—	—	—	—	—	—	—
Smiths Falls	—	—	—	—	—	25	—	—
St. Catharine	—	—	—	—	—	45	55	55
St. Mary's	—	—	—	—	—	68	—	43
St. Thomas	—	—	—	—	—	53	38	14
Stouffville	—	—	—	—	—	16	—	—
Stratford	—	—	—	—	—	1	—	51
Strathroy	—	—	—	—	—	—	—	—
Sturgeon	—	—	—	—	—	—	—	65
Sudbury	—	—	—	—	—	39	53	—
Thornhill	—	—	—	—	—	5	1	—
Thunder Bay	—	—	—	—	—	65	16	37
Tillsonburg	—	—	—	—	—	—	—	—
Timmins	—	—	—	—	—	—	50	10
Toronto	—	—	—	—	—	42	26	11
Trenton	—	—	—	—	—	9	—	—
Uxbridge	—	—	—	—	—	—	28	—
Val Caron	—	—	—	—	—	—	—	—
Wallaceburg	—	—	—	—	—	—	—	—
Wasaga Beach	—	—	—	—	—	—	—	—
Welland	—	—	—	—	—	54	57	—
Weston	—	—	—	—	—	11	—	—
Whitby	—	—	—	—	—	10	44	16
Willowdale	—	—	—	—	—	61	6	12
Windsor	—	—	—	—	—	28	14	31
Woodbridge	—	—	—	—	—	—	—	62
Woodstock	—	—	—	—	—	6	20	—
Rural	—	—	—	—	—	43	23	39
Other	—	—	—	—	—	36	30	19

Note: It is not possible to compare data from 1997-2001 with data from 2002-2004 because of the change in coding classification from ICD9CCP to ICD10CA in FY2002

"—" indicates either no data were available for that facility for that year, that the institution did not exist in that year, or that the data were censored to protect patient confidentiality (when the denominator for a given indicator ≤ 5)

Cesarean Section Delivery: Rank by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Acton	—	—	—	—	—	118	51	69
Ajax	—	—	—	—	—	70	94	96
Alliston	—	—	—	—	—	101	19	80
Amherstburg	—	—	—	—	—	123	29	111
Arnprior	—	—	—	—	—	88	92	126
Aurora	—	—	—	—	—	18	27	38
Aylmer West	—	—	—	—	—	31	12	68
Barrie	—	—	—	—	—	30	89	61
Belleville	—	—	—	—	—	66	98	78
Bolton	—	—	—	—	—	55	62	102
Bowmanville	—	—	—	—	—	93	99	120
Bracebridge	—	—	—	—	—	137	138	137
Bradford	—	—	—	—	—	15	78	93
Brampton	—	—	—	—	—	82	84	77
Brantford	—	—	—	—	—	31	22	43
Brockville	—	—	—	—	—	129	81	100
Burlington	—	—	—	—	—	71	47	33
Caledon	—	—	—	—	—	11	1	133
Caledonia	—	—	—	—	—	25	52	34
Cambridge	—	—	—	—	—	33	54	22
Carleton Place	—	—	—	—	—	85	100	57
Chatham	—	—	—	—	—	4	31	40
Cobourg	—	—	—	—	—	42	124	87
Collingwood	—	—	—	—	—	27	40	95
Concord	—	—	—	—	—	97	48	59
Cornwall	—	—	—	—	—	111	101	104
Cumberland	—	—	—	—	—	110	32	60
Delhi	—	—	—	—	—	102	118	62
Downsview	—	—	—	—	—	81	91	64
Dryden	—	—	—	—	—	122	86	99
Dunnville	—	—	—	—	—	113	122	134
East Gwillimbury	—	—	—	—	—	40	15	6
Elliot Lake	—	—	—	—	—	132	132	132
Elmira	—	—	—	—	—	9	82	65
Espanola	—	—	—	—	—	119	59	72
Essex	—	—	—	—	—	75	64	9
Etobicoke	—	—	—	—	—	41	57	40
Fergus	—	—	—	—	—	53	43	81
Fort Erie	—	—	—	—	—	37	16	48
Fort Frances	—	—	—	—	—	126	135	135
Gananoque	—	—	—	—	—	29	68	25
Garson	—	—	—	—	—	125	133	129
Georgetown	—	—	—	—	—	54	37	23
Goderich	—	—	—	—	—	92	9	18
Gravenhurst	—	—	—	—	—	109	137	136
Greely	—	—	—	—	—	95	4	90
Grimsby	—	—	—	—	—	96	128	94
Guelph	—	—	—	—	—	34	33	55
Hamilton	—	—	—	—	—	48	30	49
Hanmer	—	—	—	—	—	65	44	108
Hanover	—	—	—	—	—	126	7	44
Hawkesbury	—	—	—	—	—	12	13	7
Huntsville	—	—	—	—	—	114	131	128
Ingersoll	—	—	—	—	—	62	5	12
Innisfil	—	—	—	—	—	71	96	51
Kapuskasing	—	—	—	—	—	135	134	131
Kenora	—	—	—	—	—	19	67	105
Keswick	—	—	—	—	—	36	28	32
Kincardine	—	—	—	—	—	112	42	107
King City	—	—	—	—	—	63	6	4
Kingston	—	—	—	—	—	57	50	26
Kingsville	—	—	—	—	—	107	109	75
Kirkland Lake	—	—	—	—	—	134	123	138
Kitchener	—	—	—	—	—	58	77	76
Leamington	—	—	—	—	—	117	104	113
Lindsay	—	—	—	—	—	98	87	117
Listowel	—	—	—	—	—	44	107	58
Lively	—	—	—	—	—	84	11	73
London	—	—	—	—	—	10	14	13
Manotick	—	—	—	—	—	3	26	5
Maple	—	—	—	—	—	43	46	36
Markham	—	—	—	—	—	26	34	24
Meaford	—	—	—	—	—	61	18	1

Cesarean Section Delivery: Rank by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Midland	—	—	—	—	—	124	125	127
Milton	—	—	—	—	—	79	23	16
Mississauga	—	—	—	—	—	17	20	14
Napanee	—	—	—	—	—	103	103	119
Navan	—	—	—	—	—	76	3	98
New Hamburg	—	—	—	—	—	94	102	50
Newmarket	—	—	—	—	—	5	25	27
Niagara Falls	—	—	—	—	—	22	56	28
North Bay	—	—	—	—	—	115	113	116
North York	—	—	—	—	—	77	58	42
Oakville	—	—	—	—	—	16	41	17
Orangeville	—	—	—	—	—	90	114	114
Orillia	—	—	—	—	—	99	116	115
Oshawa	—	—	—	—	—	116	115	112
Ottawa	—	—	—	—	—	24	35	39
Owen Sound	—	—	—	—	—	39	119	118
Paris	—	—	—	—	—	2	10	21
Parry Sound	—	—	—	—	—	106	130	124
Pembroke	—	—	—	—	—	48	93	85
Penetanguishene	—	—	—	—	—	120	126	123
Perth	—	—	—	—	—	89	49	109
Petawawa	—	—	—	—	—	78	106	20
Peterborough	—	—	—	—	—	21	97	83
Pickering	—	—	—	—	—	38	72	74
Port Colborne	—	—	—	—	—	104	110	122
Port Hope	—	—	—	—	—	131	121	97
Port Perry	—	—	—	—	—	100	117	88
Port Stanley	—	—	—	—	—	133	2	130
Renfrew	—	—	—	—	—	64	120	101
Richmond Hill	—	—	—	—	—	60	53	35
Rockland	—	—	—	—	—	13	83	30
Russell	—	—	—	—	—	1	71	2
Sarnia	—	—	—	—	—	14	63	29
Sault Ste. Marie	—	—	—	—	—	87	112	67
Scarborough	—	—	—	—	—	52	60	56
Simcoe	—	—	—	—	—	130	80	89
Sioux Lookout	—	—	—	—	—	86	129	125
Smiths Falls	—	—	—	—	—	108	111	79
St. Catharine	—	—	—	—	—	35	65	66
St. Mary's	—	—	—	—	—	90	39	92
St. Thomas	—	—	—	—	—	20	38	8
Stouffville	—	—	—	—	—	7	8	19
Stratford	—	—	—	—	—	128	136	91
Strathroy	—	—	—	—	—	51	74	103
Sturgeon	—	—	—	—	—	136	127	106
Sudbury	—	—	—	—	—	80	45	47
Thornhill	—	—	—	—	—	46	79	36
Thunder Bay	—	—	—	—	—	28	21	11
Tillsonburg	—	—	—	—	—	8	76	15
Timmins	—	—	—	—	—	105	108	110
Toronto	—	—	—	—	—	56	61	45
Trenton	—	—	—	—	—	47	105	84
Uxbridge	—	—	—	—	—	74	73	10
Val Caron	—	—	—	—	—	73	24	82
Wallaceburg	—	—	—	—	—	6	17	63
Wasaga Beach	—	—	—	—	—	—	88	3
Welland	—	—	—	—	—	121	90	121
Weston	—	—	—	—	—	68	55	71
Whitby	—	—	—	—	—	83	95	86
Willowdale	—	—	—	—	—	69	85	53
Windsor	—	—	—	—	—	50	75	54
Woodbridge	—	—	—	—	—	45	66	51
Woodstock	—	—	—	—	—	59	68	46
Rural	—	—	—	—	—	67	70	70
Other	—	—	—	—	—	23	36	30

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Vaginal Birth after Cesarean Section (VBAC) Delivery: Rank by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Acton	—	—	—	—	—	116	83	21
Ajax	—	—	—	—	—	41	80	71
Alliston	—	—	—	—	—	111	68	9
Amherstburg	—	—	—	—	—	69	5	22
Arnprior	—	—	—	—	—	112	105	123
Aurora	—	—	—	—	—	106	31	72
Aylmer West	—	—	—	—	—	98	1	39
Barrie	—	—	—	—	—	78	100	88
Belleville	—	—	—	—	—	89	93	105
Bolton	—	—	—	—	—	68	55	26
Bowmanville	—	—	—	—	—	64	33	78
Bracebridge	—	—	—	—	—	96	119	120
Bradford	—	—	—	—	—	53	115	47
Brampton	—	—	—	—	—	91	89	65
Brantford	—	—	—	—	—	26	25	19
Brockville	—	—	—	—	—	79	52	109
Burlington	—	—	—	—	—	56	30	60
Caledon	—	—	—	—	—	12	—	—
Caledonia	—	—	—	—	—	10	17	5
Cambridge	—	—	—	—	—	16	53	20
Carleton Place	—	—	—	—	—	33	82	61
Chatham	—	—	—	—	—	29	23	24
Cobourg	—	—	—	—	—	22	44	90
Collingwood	—	—	—	—	—	86	47	50
Concord	—	—	—	—	—	92	43	27
Cornwall	—	—	—	—	—	99	112	84
Cumberland	—	—	—	—	—	45	14	—
Delhi	—	—	—	—	—	—	11	29
Downsview	—	—	—	—	—	90	62	56
Dryden	—	—	—	—	—	97	81	11
Dunnville	—	—	—	—	—	113	121	98
East Gwillimbury	—	—	—	—	—	102	124	117
Elliot Lake	—	—	—	—	—	38	—	—
Elmira	—	—	—	—	—	24	84	99
Espanola	—	—	—	—	—	—	58	3
Essex	—	—	—	—	—	44	50	123
Etobicoke	—	—	—	—	—	61	67	37
Fergus	—	—	—	—	—	19	78	14
Fort Erie	—	—	—	—	—	84	116	100
Fort Frances	—	—	—	—	—	120	64	106
Gananoque	—	—	—	—	—	93	21	—
Garson	—	—	—	—	—	124	46	93
Georgetown	—	—	—	—	—	62	120	95
Goderich	—	—	—	—	—	107	16	16
Gravenhurst	—	—	—	—	—	105	127	123
Greely	—	—	—	—	—	101	2	85
Grimsby	—	—	—	—	—	66	110	94
Guelph	—	—	—	—	—	39	18	23
Hamilton	—	—	—	—	—	36	36	31
Hanmer	—	—	—	—	—	124	19	111
Hanover	—	—	—	—	—	49	7	—
Hawkesbury	—	—	—	—	—	1	127	1
Huntsville	—	—	—	—	—	60	127	73
Ingersoll	—	—	—	—	—	74	6	4
Innisfil	—	—	—	—	—	123	76	28
Kapuskasing	—	—	—	—	—	119	127	123
Kenora	—	—	—	—	—	15	75	38
Keswick	—	—	—	—	—	20	57	104
Kincardine	—	—	—	—	—	48	4	7
King City	—	—	—	—	—	—	—	—
Kingston	—	—	—	—	—	17	38	10
Kingsville	—	—	—	—	—	81	70	92
Kirkland Lake	—	—	—	—	—	124	8	34
Kitchener	—	—	—	—	—	25	60	34
Leamington	—	—	—	—	—	95	94	52
Lindsay	—	—	—	—	—	103	97	115
Listowel	—	—	—	—	—	11	59	96
Lively	—	—	—	—	—	124	102	58
London	—	—	—	—	—	5	9	8
Manotick	—	—	—	—	—	—	24	77
Maple	—	—	—	—	—	72	92	66
Markham	—	—	—	—	—	34	51	76
Meaford	—	—	—	—	—	80	—	—

Vaginal Birth after Cesarean Section (VBAC) Delivery: Rank by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Midland	—	—	—	—	—	52	107	113
Milton	—	—	—	—	—	94	66	62
Mississauga	—	—	—	—	—	43	54	45
Napanee	—	—	—	—	—	118	35	91
Navan	—	—	—	—	—	13	14	64
New Hamburg	—	—	—	—	—	—	84	12
Newmarket	—	—	—	—	—	9	48	68
Niagara Falls	—	—	—	—	—	110	29	17
North Bay	—	—	—	—	—	82	117	47
North York	—	—	—	—	—	70	37	75
Oakville	—	—	—	—	—	59	101	80
Orangeville	—	—	—	—	—	117	113	112
Orillia	—	—	—	—	—	114	122	116
Oshawa	—	—	—	—	—	85	111	81
Ottawa	—	—	—	—	—	40	49	49
Owen Sound	—	—	—	—	—	108	39	44
Paris	—	—	—	—	—	3	22	2
Parry Sound	—	—	—	—	—	77	125	119
Pembroke	—	—	—	—	—	58	32	97
Penetanguishene	—	—	—	—	—	124	126	108
Perth	—	—	—	—	—	100	77	118
Petawawa	—	—	—	—	—	109	99	57
Peterborough	—	—	—	—	—	54	87	102
Pickering	—	—	—	—	—	55	69	51
Port Colborne	—	—	—	—	—	124	118	30
Port Hope	—	—	—	—	—	65	65	123
Port Perry	—	—	—	—	—	104	91	121
Port Stanley	—	—	—	—	—	—	—	—
Renfrew	—	—	—	—	—	76	104	122
Richmond Hill	—	—	—	—	—	71	88	67
Rockland	—	—	—	—	—	31	45	110
Russell	—	—	—	—	—	2	20	—
Sarnia	—	—	—	—	—	4	63	15
Sault Ste. Marie	—	—	—	—	—	37	108	33
Scarborough	—	—	—	—	—	35	41	42
Simcoe	—	—	—	—	—	50	26	79
Sioux Lookout	—	—	—	—	—	—	86	6
Smiths Falls	—	—	—	—	—	121	127	86
St. Catharine	—	—	—	—	—	32	71	54
St. Mary's	—	—	—	—	—	75	3	83
St. Thomas	—	—	—	—	—	8	28	18
Stouffville	—	—	—	—	—	47	79	70
Stratford	—	—	—	—	—	51	109	107
Strathroy	—	—	—	—	—	6	13	82
Sturgeon	—	—	—	—	—	88	34	123
Sudbury	—	—	—	—	—	57	42	36
Thornhill	—	—	—	—	—	87	74	62
Thunder Bay	—	—	—	—	—	23	12	13
Tillsonburg	—	—	—	—	—	28	73	59
Timmins	—	—	—	—	—	122	127	114
Toronto	—	—	—	—	—	42	72	53
Trenton	—	—	—	—	—	14	94	103
Uxbridge	—	—	—	—	—	21	106	101
Val Caron	—	—	—	—	—	124	123	69
Wallaceburg	—	—	—	—	—	7	10	46
Wasaga Beach	—	—	—	—	—	—	—	—
Welland	—	—	—	—	—	115	98	87
Weston	—	—	—	—	—	73	61	41
Whitby	—	—	—	—	—	63	114	74
Willowdale	—	—	—	—	—	67	90	43
Windsor	—	—	—	—	—	30	27	40
Woodbridge	—	—	—	—	—	83	103	89
Woodstock	—	—	—	—	—	27	96	32
Rural	—	—	—	—	—	46	56	55
Other	—	—	—	—	—	18	40	25

Note: It is not possible to compare data from 1997-2001 with data from 2002-2004 because of the change in coding classification from ICD9CCP to ICD10CA in FY2002

"—" indicates either no data were available for that facility for that year, that the institution did not exist in that year, or that the data were censored to protect patient confidentiality (when the denominator for a given indicator ≤ 5)

Laparoscopic Cholecystectomy: Rank by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Acton	112	114	32	12	8	42	109	—
Ajax	100	88	88	113	101	91	24	67
Alliston	—	57	4	1	—	3	—	—
Amherstburg	123	120	113	106	122	114	90	100
Arnprior	81	39	45	59	108	34	4	26
Aurora	12	103	58	19	90	44	16	25
Aylmer West	45	55	55	27	24	29	13	49
Barrie	48	11	26	77	56	17	9	19
Belleville	47	72	104	83	69	83	97	24
Bolton	39	95	95	55	3	15	74	80
Bowmanville	50	46	76	29	48	77	83	72
Bracebridge	56	1	52	6	80	39	28	83
Bradford	35	19	17	80	76	—	6	6
Brampton	43	12	36	60	37	46	22	40
Brantford	97	89	59	47	58	80	62	57
Brockville	121	126	99	122	102	109	76	101
Burlington	25	25	12	10	21	28	47	61
Caledon	—	—	—	—	—	—	—	—
Caledonia	37	61	109	5	88	63	108	76
Cambridge	90	96	86	94	83	93	80	50
Carleton Place	42	101	78	96	113	97	—	20
Chatham	89	92	96	85	105	96	88	71
Cobourg	117	124	118	109	68	103	123	90
Collingwood	44	71	67	120	86	108	101	73
Concord	—	41	1	—	100	24	43	3
Cornwall	64	30	51	51	65	89	39	93
Cumberland	—	—	—	—	—	—	—	34
Delhi	103	113	123	93	106	38	26	88
Downsview	49	63	23	45	49	18	11	37
Dryden	11	10	8	21	73	20	14	7
Dunnville	69	81	19	37	17	52	99	97
East Gwillimbury	57	—	2	20	84	57	102	—
Elliot Lake	4	32	41	4	7	32	72	—
Elmira	14	47	34	1	—	—	87	—
Espanola	108	99	31	—	—	—	92	—
Essex	106	59	16	105	109	110	3	—
Etobicoke	91	100	90	75	70	69	60	52
Fergus	87	48	60	44	115	100	—	98
Fort Erie	16	18	7	103	77	8	51	28
Fort Frances	7	9	11	23	45	19	32	43
Gananoque	1	1	—	1	5	—	71	—
Garson	40	36	107	—	—	—	—	—
Georgetown	72	52	106	16	39	6	75	44
Goderich	6	5	20	7	119	—	106	—
Gravenhurst	110	27	91	50	60	—	35	—
Greely	—	—	30	—	—	—	27	—
Grimsby	20	28	15	67	91	79	111	78
Guelph	51	44	40	35	46	48	68	69
Hamilton	59	74	64	65	38	49	48	59
Hanmer	10	22	92	40	—	31	117	—
Hanover	34	24	21	9	79	11	85	65
Hawkesbury	32	34	49	34	13	23	70	4
Huntsville	51	105	44	63	66	16	69	18
Ingersoll	58	4	97	8	14	70	46	21
Innisfil	—	—	—	—	50	30	96	1
Kapuskasing	111	35	9	25	28	13	115	—
Kenora	113	54	54	90	32	71	64	60
Keswick	84	94	10	46	15	43	42	81
Kincardine	9	6	6	15	25	85	8	5
King City	—	15	—	—	120	—	114	—
Kingston	63	49	25	24	41	41	23	35
Kingsville	29	17	5	32	61	107	93	31
Kirkland Lake	8	14	98	64	64	95	53	12
Kitchener	31	82	85	86	40	78	98	86
Leamington	28	7	37	42	10	40	34	17
Lindsay	71	51	22	11	9	22	50	68
Listowel	33	84	119	123	111	113	122	—
Lively	102	53	—	38	93	1	—	—
London	105	112	108	107	97	101	112	85
Manotick	2	—	—	84	1	—	—	—
Maple	70	3	69	13	33	51	65	45
Markham	92	87	75	68	72	68	59	74
Meaford	109	110	94	62	92	—	1	—

Laparoscopic Cholecystectomy: Rank by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Midland	74	21	24	53	98	76	55	91
Milton	41	93	50	54	99	21	58	14
Mississauga	67	83	70	94	63	54	40	23
Napanee	98	106	46	74	2	74	110	62
Navan	—	—	—	97	—	105	—	—
New Hamburg	—	—	—	—	—	—	1	27
Newmarket	38	13	39	26	27	12	37	54
Niagara Falls	79	76	80	82	96	102	79	47
North Bay	65	56	13	30	26	9	38	29
North York	18	20	35	40	53	37	10	13
Oakville	54	77	60	57	34	45	21	53
Orangeville	13	50	105	102	104	7	18	92
Orillia	116	122	115	111	31	50	89	79
Oshawa	86	97	79	100	81	59	61	82
Ottawa	55	42	74	56	47	81	63	46
Owen Sound	120	115	122	112	94	98	125	—
Paris	104	121	62	43	54	75	5	—
Parry Sound	107	79	42	117	35	60	105	87
Pembroke	96	65	82	108	30	14	95	22
Penetanguishene	15	8	65	81	116	104	104	102
Perth	88	70	120	—	114	—	116	—
Petawawa	82	109	—	—	—	—	36	84
Peterborough	65	85	92	76	71	47	33	38
Pickering	73	104	77	101	51	73	41	89
Port Colborne	115	45	102	89	67	90	94	—
Port Hope	94	73	66	66	62	88	—	—
Port Perry	5	107	114	71	4	94	—	1
Port Stanley	—	91	3	22	87	—	7	—
Renfrew	124	125	110	121	123	115	124	103
Richmond Hill	75	98	57	72	57	62	55	64
Rockland	61	23	47	61	103	5	118	—
Russell	23	—	—	17	—	—	103	—
Sarnia	68	68	87	87	75	84	76	75
Sault Ste. Marie	46	78	101	91	107	106	86	30
Scarborough	76	90	63	72	52	65	54	58
Simcoe	83	111	116	79	16	35	91	77
Sioux Lookout	93	33	14	47	43	4	15	16
Smiths Falls	27	67	68	36	42	—	49	—
St. Catharine	114	116	112	116	89	87	84	42
St. Mary's	—	—	—	119	121	—	121	—
St. Thomas	24	26	18	14	20	61	17	32
Stouffville	35	58	43	110	85	1	78	—
Stratford	118	118	117	115	112	92	120	99
Strathroy	17	31	27	39	11	53	57	9
Sturgeon	—	—	—	—	12	27	12	36
Sudbury	60	66	100	104	95	99	100	95
Thornhill	19	38	33	49	59	24	81	55
Thunder Bay	122	117	121	118	118	112	119	96
Tillsonburg	119	108	82	92	82	64	45	8
Timmins	125	123	124	114	117	86	82	41
Toronto	53	62	48	52	23	58	29	39
Trenton	21	37	29	58	74	26	19	51
Uxbridge	95	119	84	—	—	—	107	—
Val Caron	85	43	111	—	—	—	—	—
Wallaceburg	3	16	71	70	6	55	31	15
Wasaga Beach	—	—	—	—	—	—	—	—
Welland	99	86	28	31	36	33	30	10
Weston	78	80	89	88	22	82	44	48
Whitby	77	69	81	98	78	56	66	56
Willowdale	26	40	38	28	18	36	52	33
Windsor	101	102	103	99	109	111	113	94
Woodbridge	22	60	53	18	29	10	20	63
Woodstock	30	29	72	33	19	66	25	11
Rural	80	75	72	78	55	72	67	66
Other	62	64	56	69	44	67	73	70

Note: It is not possible to compare data from 1997-2001 with data from 2002-2004 because of the change in coding classification from ICD9CCP to ICD10CA in FY2002

"—" indicates either no data were available for that facility for that year, that the institution did not exist in that year, or that the data were censored to protect patient confidentiality (when the denominator for a given indicator ≤ 5)

Incidental Appendectomy among the Elderly: Rank by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Acton	116	122	43	1	128	—	—	—
Ajax	118	89	104	47	105	—	—	—
Alliston	31	47	1	52	1	—	—	—
Amherstburg	1	31	33	59	112	—	—	—
Arnprior	42	117	31	59	1	—	—	—
Aurora	111	55	37	53	111	—	—	—
Aylmer West	30	1	105	50	58	—	—	—
Barrie	98	104	115	94	103	—	—	—
Belleville	110	115	125	126	114	—	—	—
Bolton	1	69	119	33	38	—	—	—
Bowmanville	1	102	1	107	87	—	—	—
Bracebridge	46	113	75	125	127	—	—	—
Bradford	1	1	1	73	41	—	—	—
Brampton	96	93	91	89	79	—	—	—
Brantford	88	75	43	67	34	—	—	—
Brockville	54	64	51	57	99	—	—	—
Burlington	94	38	89	104	110	—	—	—
Caledon	—	—	—	—	—	—	—	—
Caledonia	1	1	77	43	37	—	—	—
Cambridge	35	68	79	75	72	—	—	—
Carleton Place	65	1	1	1	1	—	—	—
Chatham	1	80	88	118	80	—	—	—
Cobourg	101	98	28	102	38	—	—	—
Collingwood	108	43	1	35	57	—	—	—
Concord	1	—	—	1	1	—	—	—
Cornwall	102	118	78	90	120	—	—	—
Cumberland	—	—	—	—	—	—	—	—
Delhi	113	123	67	130	129	—	—	—
Downsview	63	64	70	77	77	—	—	—
Dryden	1	62	1	71	47	—	—	—
Dunnville	37	64	111	116	1	—	—	—
East Gwillimbury	—	—	—	61	—	—	—	—
Elliot Lake	1	1	1	1	1	—	—	—
Elmira	124	34	1	1	45	—	—	—
Espanola	—	54	45	1	1	—	—	—
Essex	52	45	45	124	1	—	—	—
Etobicoke	91	85	69	76	97	—	—	—
Fergus	49	1	39	63	53	—	—	—
Fort Erie	71	1	48	1	116	—	—	—
Fort Frances	64	112	120	1	1	—	—	—
Gananoque	117	116	121	1	1	—	—	—
Garson	—	1	59	1	68	—	—	—
Georgetown	105	1	58	42	109	—	—	—
Goderich	100	1	33	122	51	—	—	—
Gravenhurst	56	106	109	119	119	—	—	—
Greely	1	—	—	—	—	—	—	—
Grimsby	49	119	51	111	124	—	—	—
Guelph	89	95	94	101	107	—	—	—
Hamilton	82	60	73	86	47	—	—	—
Hanmer	1	59	30	68	1	—	—	—
Hanover	39	1	56	1	38	—	—	—
Hawkesbury	58	111	28	1	1	—	—	—
Huntsville	44	1	53	105	106	—	—	—
Ingersoll	1	1	61	44	86	—	—	—
Innisfil	—	—	—	33	54	—	—	—
Kapuskasing	1	114	37	44	41	—	—	—
Kenora	72	31	1	51	118	—	—	—
Keswick	1	1	1	82	1	—	—	—
Kincardine	29	1	107	54	65	—	—	—
King City	125	125	—	129	70	—	—	—
Kingston	77	77	113	62	100	—	—	—
Kingsville	1	110	49	1	1	—	—	—
Kirkland Lake	65	1	64	121	1	—	—	—
Kitchener	73	72	72	84	74	—	—	—
Leamington	114	99	99	113	113	—	—	—
Lindsay	120	92	100	1	88	—	—	—
Listowel	118	1	1	1	66	—	—	—
Lively	1	35	62	1	76	—	—	—
London	70	82	71	57	93	—	—	—
Manotick	1	67	1	56	74	—	—	—
Maple	123	121	117	37	36	—	—	—
Markham	112	1	101	1	78	—	—	—
Meaford	40	1	33	1	45	—	—	—

Incidental Appendectomy among the Elderly: Rank by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Midland	1	30	124	120	1	—	—	—
Milton	1	99	60	96	108	—	—	—
Mississauga	79	52	85	87	85	—	—	—
Napanee	45	51	1	109	1	—	—	—
Navan	46	—	—	—	—	—	—	—
New Hamburg	—	—	—	—	—	—	—	—
Newmarket	38	37	33	40	92	—	—	—
Niagara Falls	68	55	54	1	69	—	—	—
North Bay	103	78	1	77	54	—	—	—
North York	80	86	93	110	90	—	—	—
Oakville	58	96	1	112	95	—	—	—
Orangeville	106	1	114	44	1	—	—	—
Orillia	55	47	92	115	90	—	—	—
Oshawa	61	76	31	81	102	—	—	—
Ottawa	74	73	68	74	67	—	—	—
Owen Sound	1	36	50	1	49	—	—	—
Paris	1	40	1	1	1	—	—	—
Parry Sound	40	103	76	1	60	—	—	—
Pembroke	99	50	96	98	1	—	—	—
Penetanguishene	48	1	116	114	1	—	—	—
Perth	1	1	40	66	58	—	—	—
Petawawa	—	1	—	48	—	—	—	—
Peterborough	93	107	82	90	117	—	—	—
Pickering	122	108	118	106	89	—	—	—
Port Colborne	92	49	55	55	1	—	—	—
Port Hope	109	101	112	1	115	—	—	—
Port Perry	115	58	1	117	126	—	—	—
Port Stanley	—	—	57	37	82	—	—	—
Renfrew	1	61	45	128	1	—	—	—
Richmond Hill	121	120	79	108	122	—	—	—
Rockland	52	63	1	1	1	—	—	—
Russell	—	31	—	65	—	—	—	—
Sarnia	62	1	90	97	101	—	—	—
Sault Ste. Marie	69	1	66	1	1	—	—	—
Scarborough	83	91	95	85	63	—	—	—
Simcoe	97	124	123	127	121	—	—	—
Sioux Lookout	—	—	1	—	1	—	—	—
Smiths Falls	32	46	1	41	51	—	—	—
St. Catharine	78	90	81	71	104	—	—	—
St. Mary's	1	79	1	1	1	—	—	—
St. Thomas	80	84	97	103	84	—	—	—
Stouffville	58	40	110	36	1	—	—	—
Stratford	1	1	1	100	41	—	—	—
Strathroy	42	1	108	70	49	—	—	—
Sturgeon	—	—	—	—	1	—	—	—
Sudbury	76	55	83	37	62	—	—	—
Thornhill	107	97	98	94	71	—	—	—
Thunder Bay	84	74	62	83	1	—	—	—
Tillsonburg	32	43	122	1	35	—	—	—
Timmins	35	40	106	123	41	—	—	—
Toronto	90	81	86	79	72	—	—	—
Trenton	1	105	1	1	125	—	—	—
Uxbridge	51	1	1	1	123	—	—	—
Val Caron	1	—	1	1	1	—	—	—
Wallaceburg	57	1	102	63	1	—	—	—
Wasaga Beach	—	—	—	—	—	—	—	—
Welland	32	70	40	1	1	—	—	—
Weston	67	71	42	1	80	—	—	—
Whitby	86	38	1	88	95	—	—	—
Willowdale	74	94	84	80	63	—	—	—
Windsor	95	83	73	99	98	—	—	—
Woodbridge	1	88	1	90	83	—	—	—
Woodstock	87	109	103	49	56	—	—	—
Rural	85	87	87	93	94	—	—	—
Other	104	52	65	68	61	—	—	—

Note: It is not possible to compare data from 1997-2001 with data from 2002-2004 because of the change in coding classification from ICD9CCP to ICD10CA in FY2002

"—" indicates either no data were available for that facility for that year, that the institution did not exist in that year, or that the data were censored to protect patient confidentiality (when the denominator for a given indicator ≤ 5)

Bilateral Cardiac Catheterization: Rank by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Acton	115	—	—	23	64	—	—	—
Ajax	75	52	27	1	91	—	—	—
Alliston	104	34	84	77	80	—	—	—
Amherstburg	32	1	81	97	1	—	—	—
Arnprior	80	53	57	41	30	—	—	—
Aurora	94	99	35	27	66	—	—	—
Aylmer West	101	81	1	1	110	—	—	—
Barrie	109	66	91	98	97	—	—	—
Belleville	36	63	45	96	55	—	—	—
Bolton	91	89	—	21	1	—	—	—
Bowmanville	85	71	95	101	48	—	—	—
Bracebridge	44	80	108	20	92	—	—	—
Bradford	11	106	20	37	1	—	—	—
Brampton	54	45	82	61	88	—	—	—
Brantford	56	93	72	67	72	—	—	—
Brockville	53	76	58	52	77	—	—	—
Burlington	67	46	55	69	45	—	—	—
Caledon	—	—	—	—	—	—	—	—
Caledonia	70	96	77	87	47	—	—	—
Cambridge	35	70	48	75	70	—	—	—
Carleton Place	49	1	32	24	1	—	—	—
Chatham	18	94	62	81	56	—	—	—
Cobourg	52	51	34	92	105	—	—	—
Collingwood	93	38	107	118	41	—	—	—
Concord	21	111	—	30	117	—	—	—
Cornwall	38	56	30	48	37	—	—	—
Cumberland	27	—	109	—	59	—	—	—
Delhi	112	1	1	115	1	—	—	—
Downsview	73	77	70	93	109	—	—	—
Dryden	107	—	—	—	—	—	—	—
Dunnville	1	97	17	53	95	—	—	—
East Gwillimbury	20	55	1	74	1	—	—	—
Elliot Lake	—	—	—	—	—	—	—	—
Elmira	—	—	—	—	—	—	—	—
Espanola	—	—	—	—	—	—	—	—
Essex	—	1	1	1	1	—	—	—
Etobicoke	68	61	51	59	65	—	—	—
Fergus	99	95	—	58	1	—	—	—
Fort Erie	92	109	39	35	61	—	—	—
Fort Frances	10	—	—	—	—	—	—	—
Gananoque	56	49	1	1	52	—	—	—
Garson	—	—	—	—	—	—	—	—
Georgetown	22	69	80	57	46	—	—	—
Goderich	89	75	31	1	1	—	—	—
Gravenhurst	111	101	19	50	1	—	—	—
Greely	28	40	—	63	76	—	—	—
Grimsby	59	17	23	47	60	—	—	—
Guelph	50	62	54	65	83	—	—	—
Hamilton	34	42	46	46	40	—	—	—
Hanmer	—	—	—	—	—	—	—	—
Hanover	6	1	37	36	107	—	—	—
Hawkesbury	47	33	59	84	44	—	—	—
Huntsville	103	20	105	64	112	—	—	—
Ingersoll	1	1	1	79	111	—	—	—
Innisfil	—	—	—	1	—	—	—	—
Kapuskasing	—	—	—	—	—	—	—	—
Kenora	—	—	—	—	—	—	—	—
Keswick	11	28	104	1	99	—	—	—
Kincardine	116	—	99	26	104	—	—	—
King City	102	107	—	117	118	—	—	—
Kingston	51	41	47	89	63	—	—	—
Kingsville	88	—	—	107	1	—	—	—
Kirkland Lake	—	—	—	—	—	—	—	—
Kitchener	61	100	66	76	85	—	—	—
Leamington	117	110	24	1	79	—	—	—
Lindsay	63	64	79	111	102	—	—	—
Listowel	13	1	86	39	1	—	—	—
Lively	—	—	—	—	—	—	—	—
London	26	1	43	31	33	—	—	—
Manotick	40	23	29	86	37	—	—	—
Maple	24	113	92	109	116	—	—	—
Markham	64	68	42	83	87	—	—	—
Meaford	8	1	—	102	1	—	—	—

Bilateral Cardiac Catheterization: Rank by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Midland	84	50	103	43	1	—	—	—
Milton	113	88	1	38	101	—	—	—
Mississauga	55	57	40	40	43	—	—	—
Napanee	114	27	28	90	93	—	—	—
Navan	—	—	67	—	73	—	—	—
New Hamburg	—	—	—	—	—	—	—	—
Newmarket	110	103	1	1	54	—	—	—
Niagara Falls	71	86	78	91	96	—	—	—
North Bay	23	39	1	1	36	—	—	—
North York	65	44	44	73	74	—	—	—
Oakville	87	91	38	72	84	—	—	—
Orangeville	14	98	98	105	77	—	—	—
Orillia	96	87	85	62	98	—	—	—
Oshawa	74	82	97	100	103	—	—	—
Ottawa	31	48	41	55	49	—	—	—
Owen Sound	106	21	25	29	108	—	—	—
Paris	7	1	1	68	1	—	—	—
Parry Sound	—	—	—	107	—	—	—	—
Pembroke	16	74	75	44	81	—	—	—
Penetanguishene	97	104	106	113	51	—	—	—
Perth	30	24	76	70	71	—	—	—
Petawawa	72	32	36	45	50	—	—	—
Peterborough	48	54	64	94	69	—	—	—
Pickering	77	65	21	1	1	—	—	—
Port Colborne	15	25	26	28	42	—	—	—
Port Hope	37	112	56	110	34	—	—	—
Port Perry	100	29	90	1	1	—	—	—
Port Stanley	—	—	—	—	—	—	—	—
Renfrew	19	43	63	32	32	—	—	—
Richmond Hill	95	105	89	104	114	—	—	—
Rockland	29	36	100	51	74	—	—	—
Russell	—	59	—	54	68	—	—	—
Sarnia	42	19	61	25	57	—	—	—
Sault Ste. Marie	1	1	1	1	1	—	—	—
Scarborough	33	35	1	1	1	—	—	—
Simcoe	62	26	50	56	31	—	—	—
Sioux Lookout	—	—	—	—	—	—	—	—
Smiths Falls	45	83	68	1	1	—	—	—
St. Catharine	83	78	74	80	90	—	—	—
St. Mary's	1	1	101	34	1	—	—	—
St. Thomas	46	31	82	71	89	—	—	—
Stouffville	9	30	18	22	39	—	—	—
Stratford	108	83	1	85	115	—	—	—
Strathroy	79	21	73	114	35	—	—	—
Sturgeon	—	—	—	—	—	—	—	—
Sudbury	105	1	71	1	1	—	—	—
Thornhill	69	90	96	116	113	—	—	—
Thunder Bay	24	1	1	1	1	—	—	—
Tillsonburg	43	1	1	1	1	—	—	—
Timmins	39	47	102	33	1	—	—	—
Toronto	60	58	69	99	94	—	—	—
Trenton	98	67	52	103	58	—	—	—
Uxbridge	17	108	93	95	1	—	—	—
Val Caron	—	—	—	—	—	—	—	—
Wallaceburg	1	1	49	106	29	—	—	—
Wasaga Beach	—	—	—	—	—	—	—	—
Welland	41	79	65	66	61	—	—	—
Weston	89	60	22	112	86	—	—	—
Whitby	81	92	88	88	106	—	—	—
Willowdale	78	85	87	78	82	—	—	—
Windsor	86	102	33	48	1	—	—	—
Woodbridge	82	73	94	42	100	—	—	—
Woodstock	76	18	1	1	1	—	—	—
Rural	56	72	60	82	66	—	—	—
Other	66	36	53	60	53	—	—	—

Note: It is not possible to compare data from 1997-2001 with data from 2002-2004 because of the change in coding classification from ICD9CCP to ICD10CA in FY2002

"—" indicates either no data were available for that facility for that year, that the institution did not exist in that year, or that the data were censored to protect patient confidentiality (when the denominator for a given indicator ≤ 5)

Primary Cesarean Delivery: Rank by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Acton	—	—	—	—	—	93	33	100
Ajax	—	—	—	—	—	75	106	99
Alliston	—	—	—	—	—	115	16	83
Amherstburg	—	—	—	—	—	123	80	117
Arnprior	—	—	—	—	—	73	107	116
Aurora	—	—	—	—	—	12	42	46
Aylmer West	—	—	—	—	—	14	15	14
Barrie	—	—	—	—	—	25	86	66
Belleville	—	—	—	—	—	61	94	71
Bolton	—	—	—	—	—	69	73	112
Bowmanville	—	—	—	—	—	109	111	123
Bracebridge	—	—	—	—	—	137	132	132
Bradford	—	—	—	—	—	15	72	90
Brampton	—	—	—	—	—	78	88	75
Brantford	—	—	—	—	—	36	24	62
Brockville	—	—	—	—	—	124	102	79
Burlington	—	—	—	—	—	80	61	42
Caledon	—	—	—	—	—	2	1	137
Caledonia	—	—	—	—	—	42	37	20
Cambridge	—	—	—	—	—	58	58	37
Carleton Place	—	—	—	—	—	98	101	47
Chatham	—	—	—	—	—	10	31	42
Cobourg	—	—	—	—	—	51	125	84
Collingwood	—	—	—	—	—	7	84	106
Concord	—	—	—	—	—	106	78	49
Cornwall	—	—	—	—	—	88	85	97
Cumberland	—	—	—	—	—	19	60	127
Delhi	—	—	—	—	—	122	124	16
Downsview	—	—	—	—	—	79	92	61
Dryden	—	—	—	—	—	104	18	115
Dunnville	—	—	—	—	—	119	40	119
East Gwillimbury	—	—	—	—	—	45	6	2
Elliot Lake	—	—	—	—	—	134	137	136
Elmira	—	—	—	—	—	13	51	59
Espanola	—	—	—	—	—	132	32	6
Essex	—	—	—	—	—	62	46	8
Etobicoke	—	—	—	—	—	40	55	48
Fergus	—	—	—	—	—	27	57	102
Fort Erie	—	—	—	—	—	26	8	44
Fort Frances	—	—	—	—	—	102	134	133
Gananoque	—	—	—	—	—	23	71	26
Garson	—	—	—	—	—	128	138	125
Georgetown	—	—	—	—	—	40	26	24
Goderich	—	—	—	—	—	97	20	22
Gravenhurst	—	—	—	—	—	64	133	131
Greely	—	—	—	—	—	114	10	108
Grimsby	—	—	—	—	—	76	126	81
Guelph	—	—	—	—	—	57	76	76
Hamilton	—	—	—	—	—	59	29	63
Hanmer	—	—	—	—	—	53	35	85
Hanover	—	—	—	—	—	130	3	74
Hawkesbury	—	—	—	—	—	34	12	12
Huntsville	—	—	—	—	—	127	122	129
Ingersoll	—	—	—	—	—	49	7	50
Innisfil	—	—	—	—	—	91	90	77
Kapuskasing	—	—	—	—	—	131	135	126
Kenora	—	—	—	—	—	8	59	107
Keswick	—	—	—	—	—	48	36	40
Kincardine	—	—	—	—	—	94	87	120
King City	—	—	—	—	—	105	14	11
Kingston	—	—	—	—	—	81	52	52
Kingsville	—	—	—	—	—	103	95	15
Kirkland Lake	—	—	—	—	—	126	131	138
Kitchener	—	—	—	—	—	72	89	88
Leamington	—	—	—	—	—	111	47	101
Lindsay	—	—	—	—	—	112	75	109
Listowel	—	—	—	—	—	55	112	59
Lively	—	—	—	—	—	44	2	70
London	—	—	—	—	—	30	25	34
Manotick	—	—	—	—	—	5	63	3
Maple	—	—	—	—	—	28	38	54
Markham	—	—	—	—	—	47	34	19
Meaford	—	—	—	—	—	56	20	1

Primary Cesarean Delivery: Rank by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Midland	—	—	—	—	—	133	117	114
Milton	—	—	—	—	—	88	30	29
Mississauga	—	—	—	—	—	21	19	18
Napanee	—	—	—	—	—	83	108	105
Navan	—	—	—	—	—	96	9	95
New Hamburg	—	—	—	—	—	84	97	36
Newmarket	—	—	—	—	—	11	22	27
Niagara Falls	—	—	—	—	—	6	74	57
North Bay	—	—	—	—	—	117	105	121
North York	—	—	—	—	—	95	47	50
Oakville	—	—	—	—	—	16	41	21
Orangeville	—	—	—	—	—	99	118	124
Orillia	—	—	—	—	—	90	104	104
Oshawa	—	—	—	—	—	117	115	110
Ottawa	—	—	—	—	—	50	45	58
Owen Sound	—	—	—	—	—	20	121	122
Paris	—	—	—	—	—	4	13	78
Parry Sound	—	—	—	—	—	100	120	130
Pembroke	—	—	—	—	—	70	100	80
Penetanguishene	—	—	—	—	—	116	93	103
Perth	—	—	—	—	—	45	23	98
Petawawa	—	—	—	—	—	54	116	32
Peterborough	—	—	—	—	—	17	82	86
Pickering	—	—	—	—	—	39	83	96
Port Colborne	—	—	—	—	—	108	114	128
Port Hope	—	—	—	—	—	129	128	17
Port Perry	—	—	—	—	—	37	119	72
Port Stanley	—	—	—	—	—	136	4	135
Renfrew	—	—	—	—	—	43	123	111
Richmond Hill	—	—	—	—	—	67	49	45
Rockland	—	—	—	—	—	29	110	9
Russell	—	—	—	—	—	1	56	4
Sarnia	—	—	—	—	—	24	69	38
Sault Ste. Marie	—	—	—	—	—	110	96	82
Scarborough	—	—	—	—	—	68	65	69
Simcoe	—	—	—	—	—	125	67	39
Sioux Lookout	—	—	—	—	—	121	129	134
Smiths Falls	—	—	—	—	—	76	64	73
St. Catharine	—	—	—	—	—	33	67	64
St. Mary's	—	—	—	—	—	107	43	89
St. Thomas	—	—	—	—	—	31	43	10
Stouffville	—	—	—	—	—	3	5	30
Stratford	—	—	—	—	—	113	136	93
Strathroy	—	—	—	—	—	87	99	94
Sturgeon	—	—	—	—	—	135	130	113
Sudbury	—	—	—	—	—	85	50	35
Thornhill	—	—	—	—	—	52	77	31
Thunder Bay	—	—	—	—	—	22	27	13
Tillsonburg	—	—	—	—	—	9	61	25
Timmins	—	—	—	—	—	101	113	87
Toronto	—	—	—	—	—	86	79	68
Trenton	—	—	—	—	—	35	98	28
Uxbridge	—	—	—	—	—	66	28	7
Val Caron	—	—	—	—	—	60	11	54
Wallaceburg	—	—	—	—	—	18	17	23
Wasaga Beach	—	—	—	—	—	—	127	5
Welland	—	—	—	—	—	120	91	118
Weston	—	—	—	—	—	65	39	65
Whitby	—	—	—	—	—	91	109	91
Willowdale	—	—	—	—	—	82	103	92
Windsor	—	—	—	—	—	70	81	56
Woodbridge	—	—	—	—	—	38	65	41
Woodstock	—	—	—	—	—	74	53	52
Rural	—	—	—	—	—	63	69	66
Other	—	—	—	—	—	32	54	33

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Vaginal Birth after Cesarean Section (VBAC), All: Rank by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Acton	—	—	—	—	—	121	91	15
Ajax	—	—	—	—	—	51	92	86
Alliston	—	—	—	—	—	86	49	14
Amherstburg	—	—	—	—	—	53	9	32
Arnprior	—	—	—	—	—	119	107	125
Aurora	—	—	—	—	—	109	32	77
Aylmer West	—	—	—	—	—	106	5	49
Barrie	—	—	—	—	—	82	97	94
Belleville	—	—	—	—	—	78	98	112
Bolton	—	—	—	—	—	50	40	39
Bowmanville	—	—	—	—	—	77	31	84
Bracebridge	—	—	—	—	—	99	120	123
Bradford	—	—	—	—	—	54	111	57
Brampton	—	—	—	—	—	89	85	75
Brantford	—	—	—	—	—	33	23	26
Brockville	—	—	—	—	—	88	67	113
Burlington	—	—	—	—	—	65	29	61
Caledon	—	—	—	—	—	12	—	—
Caledonia	—	—	—	—	—	10	17	6
Cambridge	—	—	—	—	—	21	55	28
Carleton Place	—	—	—	—	—	47	86	73
Chatham	—	—	—	—	—	29	16	31
Cobourg	—	—	—	—	—	30	50	87
Collingwood	—	—	—	—	—	91	56	34
Concord	—	—	—	—	—	101	48	27
Cornwall	—	—	—	—	—	98	115	85
Cumberland	—	—	—	—	—	45	14	—
Delhi	—	—	—	—	—	15	7	17
Downsview	—	—	—	—	—	97	60	60
Dryden	—	—	—	—	—	100	71	9
Dunnville	—	—	—	—	—	117	120	102
East Gwillimbury	—	—	—	—	—	106	125	120
Elliot Lake	—	—	—	—	—	57	—	—
Elmira	—	—	—	—	—	48	64	107
Espanola	—	—	—	—	—	18	57	4
Essex	—	—	—	—	—	56	51	125
Etobicoke	—	—	—	—	—	67	63	46
Fergus	—	—	—	—	—	31	94	18
Fort Erie	—	—	—	—	—	96	117	101
Fort Frances	—	—	—	—	—	125	46	110
Gananoque	—	—	—	—	—	17	20	—
Garson	—	—	—	—	—	128	45	29
Georgetown	—	—	—	—	—	73	119	95
Goderich	—	—	—	—	—	114	15	19
Gravenhurst	—	—	—	—	—	110	129	125
Greely	—	—	—	—	—	60	11	37
Grimsby	—	—	—	—	—	70	112	73
Guelph	—	—	—	—	—	37	21	33
Hamilton	—	—	—	—	—	45	37	36
Hanmer	—	—	—	—	—	128	18	115
Hanover	—	—	—	—	—	79	8	124
Hawkesbury	—	—	—	—	—	3	127	2
Huntsville	—	—	—	—	—	80	129	80
Ingersoll	—	—	—	—	—	22	10	13
Innisfil	—	—	—	—	—	122	74	38
Kapuskasing	—	—	—	—	—	124	129	125
Kenora	—	—	—	—	—	20	78	44
Keswick	—	—	—	—	—	24	60	108
Kincardine	—	—	—	—	—	51	2	7
King City	—	—	—	—	—	82	—	—
Kingston	—	—	—	—	—	19	36	11
Kingsville	—	—	—	—	—	92	73	98
Kirkland Lake	—	—	—	—	—	128	4	41
Kitchener	—	—	—	—	—	28	62	40
Leamington	—	—	—	—	—	103	79	66
Lindsay	—	—	—	—	—	113	96	118
Listowel	—	—	—	—	—	11	65	106
Lively	—	—	—	—	—	128	101	78
London	—	—	—	—	—	5	6	8
Manotick	—	—	—	—	—	—	24	90
Maple	—	—	—	—	—	75	80	72
Markham	—	—	—	—	—	38	52	67
Meaford	—	—	—	—	—	39	—	—

Vaginal Birth after Cesarean Section (VBAC), All: Rank by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Midland	—	—	—	—	—	68	109	117
Milton	—	—	—	—	—	102	68	71
Mississauga	—	—	—	—	—	44	54	55
Napanee	—	—	—	—	—	123	47	97
Navan	—	—	—	—	—	16	30	69
New Hamburg	—	—	—	—	—	—	93	10
Newmarket	—	—	—	—	—	9	42	68
Niagara Falls	—	—	—	—	—	105	33	21
North Bay	—	—	—	—	—	84	114	51
North York	—	—	—	—	—	74	38	65
Oakville	—	—	—	—	—	59	100	82
Orangeville	—	—	—	—	—	118	116	103
Orillia	—	—	—	—	—	111	122	119
Oshawa	—	—	—	—	—	90	105	89
Ottawa	—	—	—	—	—	43	53	63
Owen Sound	—	—	—	—	—	115	41	52
Paris	—	—	—	—	—	2	27	3
Parry Sound	—	—	—	—	—	95	126	121
Pembroke	—	—	—	—	—	81	28	104
Penetanguishene	—	—	—	—	—	128	128	114
Perth	—	—	—	—	—	108	81	122
Petawawa	—	—	—	—	—	116	99	22
Peterborough	—	—	—	—	—	61	90	105
Pickering	—	—	—	—	—	64	66	46
Port Colborne	—	—	—	—	—	128	118	42
Port Hope	—	—	—	—	—	55	70	125
Port Perry	—	—	—	—	—	112	95	111
Port Stanley	—	—	—	—	—	—	—	—
Renfrew	—	—	—	—	—	104	76	125
Richmond Hill	—	—	—	—	—	72	82	76
Rockland	—	—	—	—	—	62	22	96
Russell	—	—	—	—	—	1	19	5
Sarnia	—	—	—	—	—	4	69	23
Sault Ste. Marie	—	—	—	—	—	40	106	48
Scarborough	—	—	—	—	—	35	43	50
Simcoe	—	—	—	—	—	42	25	88
Sioux Lookout	—	—	—	—	—	14	104	20
Smiths Falls	—	—	—	—	—	126	129	99
St. Catharine	—	—	—	—	—	36	75	56
St. Mary's	—	—	—	—	—	85	1	16
St. Thomas	—	—	—	—	—	8	35	30
Stouffville	—	—	—	—	—	63	89	24
Stratford	—	—	—	—	—	58	110	109
Strathroy	—	—	—	—	—	6	12	81
Sturgeon	—	—	—	—	—	93	34	125
Sudbury	—	—	—	—	—	71	44	59
Thornhill	—	—	—	—	—	94	77	70
Thunder Bay	—	—	—	—	—	25	3	12
Tillsonburg	—	—	—	—	—	32	83	43
Timmins	—	—	—	—	—	127	123	116
Toronto	—	—	—	—	—	41	72	64
Trenton	—	—	—	—	—	13	84	92
Uxbridge	—	—	—	—	—	26	108	100
Val Caron	—	—	—	—	—	128	124	78
Wallaceburg	—	—	—	—	—	7	13	54
Wasaga Beach	—	—	—	—	—	—	—	1
Welland	—	—	—	—	—	120	102	91
Weston	—	—	—	—	—	76	59	53
Whitby	—	—	—	—	—	66	113	83
Willowdale	—	—	—	—	—	69	88	58
Windsor	—	—	—	—	—	34	26	45
Woodbridge	—	—	—	—	—	87	103	93
Woodstock	—	—	—	—	—	23	87	25
Rural	—	—	—	—	—	49	58	62
Other	—	—	—	—	—	27	39	35

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Death in Low-Mortality DRGs: Rank by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Acton	117	66	1	57	74	107	104	77
Ajax	45	38	29	21	32	32	24	1
Alliston	70	97	105	44	92	136	123	96
Amherstburg	115	94	1	1	40	29	40	57
Arnprior	1	32	68	106	1	1	1	89
Aurora	1	74	100	70	95	95	48	44
Aylmer West	122	81	90	1	54	43	80	37
Barrie	1	1	1	1	1	1	27	47
Belleville	98	87	61	79	82	117	85	113
Bolton	55	70	46	40	1	1	37	68
Bowmanville	1	59	71	63	79	111	50	1
Bracebridge	107	1	110	129	71	103	71	98
Bradford	57	73	76	105	46	1	106	1
Brampton	26	1	36	27	33	28	35	46
Brantford	83	96	108	100	107	71	88	84
Brockville	129	128	115	113	121	130	122	119
Burlington	88	90	93	69	99	54	67	74
Caledon	1	1	1	22	1	1	1	1
Caledonia	1	54	106	118	1	64	103	60
Cambridge	31	31	42	36	42	47	28	42
Carleton Place	65	34	109	117	115	119	81	130
Chatham	67	62	104	65	77	90	90	76
Cobourg	110	118	126	48	105	122	133	129
Collingwood	133	126	51	120	102	38	111	135
Concord	1	99	88	82	63	1	1	31
Cornwall	84	101	69	103	100	98	62	73
Cumberland	1	1	1	1	1	1	1	1
Delhi	126	53	113	124	126	137	138	116
Downsview	75	76	33	60	51	49	64	51
Dryden	56	122	111	68	122	129	126	123
Dunnville	33	125	124	130	118	110	118	134
East Gwillimbury	79	1	84	1	1	1	1	1
Elliot Lake	114	132	131	119	110	132	131	138
Elmira	94	1	1	1	1	101	135	127
Espanola	124	109	1	86	1	81	1	109
Essex	109	56	64	33	1	70	58	53
Etobicoke	29	39	66	56	53	74	47	55
Fergus	103	71	87	108	55	86	1	101
Fort Erie	40	119	132	88	62	93	114	1
Fort Frances	101	107	67	64	34	96	72	1
Gananoque	96	102	1	125	1	123	1	114
Garson	1	69	1	1	1	114	1	99
Georgetown	71	49	23	29	57	56	115	90
Goderich	27	120	1	1	1	75	1	79
Gravenhurst	1	103	1	132	127	105	136	136
Greely	1	1	121	1	1	1	1	1
Grimsby	116	58	123	96	1	99	110	1
Guelph	89	64	72	62	66	73	1	30
Hamilton	59	61	73	47	58	62	49	62
Hanmer	44	1	57	49	61	1	95	1
Hanover	1	112	31	111	104	118	98	131
Hawkesbury	112	36	119	1	119	52	100	111
Huntsville	85	95	75	85	116	128	39	42
Ingersoll	77	55	85	32	37	1	101	75
Innisfil	—	—	—	1	1	1	1	107
Kapuskasing	86	1	129	112	112	1	125	115
Kenora	130	110	92	133	129	97	120	78
Keswick	48	1	24	98	1	87	66	1
Kincardine	104	1	107	131	114	104	107	67
King City	1	1	1	101	1	1	1	1
Kingston	25	26	81	91	31	46	70	59
Kingsville	1	29	26	24	103	35	109	33
Kirkland Lake	132	134	133	134	105	133	137	128
Kitchener	58	84	77	89	85	41	83	54
Leamington	24	43	54	81	84	102	1	97
Lindsay	78	86	1	95	39	115	113	83
Listowel	113	1	130	121	125	92	132	117
Lively	93	1	82	116	76	131	1	125
London	46	41	37	50	64	58	33	40
Manotick	1	1	122	1	1	1	116	122
Maple	60	47	38	35	1	1	29	49
Markham	37	67	59	73	87	31	87	93
Meaford	1	121	44	114	111	61	130	1

Death in Low-Mortality DRGs: Rank by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Midland	91	131	83	123	124	94	60	1
Milton	32	106	1	122	117	60	74	92
Mississauga	42	46	47	37	36	33	31	41
Napanee	1	1	128	72	101	124	52	1
Navan	1	1	127	1	1	1	1	1
New Hamburg	—	—	—	—	—	1	121	124
Newmarket	35	35	70	30	65	77	96	112
Niagara Falls	100	1	35	61	78	80	102	35
North Bay	95	105	97	84	94	109	69	38
North York	74	28	39	38	43	65	82	102
Oakville	28	37	22	55	44	57	57	32
Orangeville	43	44	55	52	97	40	54	80
Orillia	119	92	98	74	123	106	92	120
Oshawa	34	51	53	83	67	76	43	1
Ottawa	61	77	65	51	68	53	55	86
Owen Sound	41	45	49	31	35	91	30	87
Paris	76	1	78	107	81	42	127	34
Parry Sound	125	130	58	90	93	84	25	94
Pembroke	120	83	114	102	108	135	119	106
Penetanguishene	121	115	117	127	113	127	105	28
Perth	64	33	134	43	136	121	128	133
Petawawa	38	108	112	76	1	1	1	104
Peterborough	50	1	30	39	30	37	44	81
Pickering	36	52	1	25	52	36	36	52
Port Colborne	128	80	28	97	132	113	59	118
Port Hope	111	93	79	126	90	88	38	121
Port Perry	134	123	120	135	73	126	124	1
Port Stanley	118	124	1	1	1	1	1	1
Renfrew	105	117	44	1	130	134	61	91
Richmond Hill	63	91	32	1	41	59	75	36
Rockland	1	1	1	1	1	1	91	82
Russell	1	1	1	110	1	1	1	1
Sarnia	69	111	96	57	109	1	51	26
Sault Ste. Marie	108	104	101	26	75	39	41	50
Scarborough	47	50	50	53	59	51	78	69
Simcoe	123	127	125	80	134	125	117	137
Sioux Lookout	1	78	89	1	1	120	134	1
Smiths Falls	127	100	99	99	133	79	112	88
St. Catharine	92	72	95	41	70	72	32	85
St. Mary's	39	133	1	115	49	69	1	64
St. Thomas	99	113	86	71	50	112	1	72
Stouffville	80	1	94	94	135	55	65	132
Stratford	1	30	27	45	1	34	99	27
Strathroy	106	1	116	104	128	89	94	66
Sturgeon	—	—	—	—	1	1	129	71
Sudbury	97	63	103	93	98	100	46	63
Thornhill	30	88	41	34	1	1	42	48
Thunder Bay	62	40	56	75	60	30	89	45
Tillsonburg	131	114	91	128	131	108	108	1
Timmins	52	60	40	1	96	82	34	29
Toronto	49	65	74	57	45	63	73	70
Trenton	1	48	1	66	86	1	97	126
Uxbridge	51	129	48	28	88	44	86	56
Val Caron	68	68	1	87	120	85	68	100
Wallaceburg	82	116	62	109	89	116	84	103
Wasaga Beach	—	—	—	—	—	—	26	1
Welland	73	98	102	92	72	45	76	108
Weston	66	57	43	42	38	1	63	105
Whitby	53	27	34	23	69	48	45	39
Willowdale	102	79	25	77	48	67	93	58
Windsor	54	82	63	46	91	68	56	61
Woodbridge	81	42	60	1	47	50	1	1
Woodstock	90	89	118	54	56	78	53	110
Rural	87	85	80	78	79	83	79	95
Other	72	75	52	67	83	66	77	65

Note: It is not possible to compare data from 1997-2001 with data from 2002-2004 because of the change in coding classification from ICD9CCP to ICD10CA in FY2002

"—" indicates either no data were available for that facility for that year, that the institution did not exist in that year, or that the data were censored to protect patient confidentiality (when the denominator for a given indicator ≤ 5)

Decubitus Ulcer: Rank by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Acton	114	68	116	103	108	110	38	1
Ajax	97	119	57	44	97	79	88	48
Alliston	125	55	105	74	57	78	11	7
Amherstburg	11	98	58	94	21	88	22	6
Arnprior	1	96	—	38	3	35	14	17
Aurora	24	47	54	25	115	25	47	36
Aylmer West	115	114	128	34	116	30	31	68
Barrie	50	58	107	116	71	31	26	63
Belleville	79	32	110	93	51	51	117	87
Bolton	73	122	98	41	27	27	39	120
Bowmanville	26	38	92	28	36	65	25	32
Bracebridge	53	40	122	82	119	15	16	104
Bradford	33	110	65	89	14	123	35	21
Brampton	106	115	97	98	81	53	64	57
Brantford	30	26	21	19	60	63	50	83
Brockville	25	17	18	12	90	1	21	23
Burlington	80	79	71	58	80	62	63	58
Caledon	—	—	—	—	—	—	29	—
Caledonia	91	39	126	78	11	10	121	96
Cambridge	32	81	53	95	98	70	84	35
Carleton Place	1	18	50	69	38	114	1	1
Chatham	17	42	77	84	66	98	109	98
Cobourg	123	95	104	129	34	16	51	119
Collingwood	36	15	13	127	42	106	118	99
Concord	43	1	39	115	83	48	102	15
Cornwall	74	108	48	26	88	34	59	28
Cumberland	—	—	12	104	124	—	1	—
Delhi	21	30	78	71	31	45	1	112
Downsview	76	45	75	96	109	126	125	101
Dryden	103	22	1	7	10	132	23	117
Dunnville	9	41	102	99	28	130	135	107
East Gwillimbury	122	62	115	20	9	131	120	82
Elliot Lake	38	123	22	72	58	101	65	61
Elmira	7	11	9	100	121	127	67	126
Espanola	22	1	1	22	48	80	24	1
Essex	124	66	67	108	24	118	133	43
Etobicoke	83	102	93	67	76	108	68	60
Fergus	82	7	10	120	19	13	13	110
Fort Erie	119	89	20	11	117	120	82	22
Fort Frances	104	116	35	1	67	64	116	90
Gananoque	127	50	114	113	126	84	113	67
Garson	31	124	—	61	130	28	127	53
Georgetown	72	24	41	111	128	41	83	47
Goderich	19	13	42	6	12	11	77	10
Gravenhurst	13	20	55	118	5	50	132	31
Greely	—	—	1	48	—	96	103	—
Grimsby	63	23	118	9	120	21	130	89
Guelph	54	93	44	47	77	94	96	59
Hamilton	105	109	76	107	92	71	75	40
Hanmer	62	127	1	105	52	55	134	14
Hanover	41	12	27	14	43	1	12	11
Hawkesbury	16	27	88	126	49	61	86	114
Huntsville	28	9	112	114	54	1	131	24
Ingersoll	37	16	29	36	50	26	30	33
Innisfil	—	—	—	5	25	103	124	103
Kapuskasing	10	126	36	32	1	129	114	49
Kenora	6	59	125	65	7	23	1	92
Keswick	27	112	31	43	95	89	123	118
Kincardine	58	75	30	128	64	1	15	124
King City	46	35	1	1	118	1	1	127
Kingston	94	107	94	76	86	111	100	79
Kingsville	92	6	11	8	63	1	128	8
Kirkland Lake	8	46	84	119	104	38	19	9
Kitchener	98	71	86	80	68	107	85	73
Leamington	18	83	59	50	93	104	33	25
Lindsay	35	92	25	56	16	87	71	20
Listowel	112	60	83	123	122	73	43	75
Lively	118	82	127	125	131	81	78	91
London	113	105	100	91	82	97	76	85
Manotick	—	128	109	49	26	128	34	—
Maple	126	61	1	64	6	119	62	27
Markham	116	99	85	109	84	93	112	123
Meaford	1	4	8	117	8	49	—	—

Decubitus Ulcer: Rank by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Midland	42	8	26	68	1	18	37	111
Milton	75	111	47	53	22	122	80	16
Mississauga	87	77	80	73	99	99	101	86
Napanee	34	125	33	59	102	29	53	125
Navan	—	—	72	42	—	17	18	—
New Hamburg	—	—	—	—	—	—	56	54
Newmarket	100	51	61	81	29	46	110	78
Niagara Falls	107	74	63	79	113	105	91	115
North Bay	45	113	49	60	112	32	105	46
North York	66	101	101	66	94	72	97	52
Oakville	88	52	62	63	56	54	36	26
Orangeville	23	33	120	83	72	68	93	18
Orillia	48	28	51	15	41	42	45	39
Oshawa	110	84	89	112	55	91	92	97
Ottawa	77	57	90	54	62	67	79	34
Owen Sound	39	97	79	16	40	125	28	84
Paris	15	54	113	1	123	1	119	1
Parry Sound	93	1	16	27	13	44	10	55
Pembroke	117	48	64	39	35	9	108	37
Penetanguishene	5	5	17	45	44	1	9	64
Perth	81	117	24	10	87	60	87	116
Petawawa	121	73	129	29	32	117	46	44
Peterborough	60	56	87	62	30	43	126	113
Pickering	70	65	40	24	59	33	122	102
Port Colborne	67	121	117	106	110	69	57	80
Port Hope	120	36	32	21	129	113	60	51
Port Perry	56	19	108	46	74	124	17	122
Port Stanley	—	—	—	—	127	12	1	—
Renfrew	51	120	1	130	69	20	69	121
Richmond Hill	102	44	60	75	39	47	73	70
Rockland	86	100	28	1	17	57	44	12
Russell	—	10	19	—	—	—	—	—
Sarnia	68	70	56	121	89	102	58	88
Sault Ste. Marie	71	86	106	31	37	86	32	81
Scarborough	96	104	81	87	114	83	94	62
Simcoe	57	87	37	102	107	19	104	38
Sioux Lookout	12	—	—	51	15	—	61	—
Smiths Falls	64	103	43	131	101	52	107	41
St. Catharine	69	76	99	33	91	121	98	74
St. Mary's	1	25	45	23	18	22	1	76
St. Thomas	95	49	66	52	70	58	95	109
Stouffville	85	94	121	40	100	59	99	108
Stratford	47	43	15	57	45	76	40	13
Strathroy	65	31	119	13	78	95	52	106
Sturgeon	—	—	—	—	—	14	1	—
Sudbury	108	80	38	122	103	109	55	105
Thornhill	44	37	68	90	75	66	106	29
Thunder Bay	90	118	70	97	79	77	66	77
Tillsonburg	14	53	124	110	20	112	41	42
Timmins	29	29	52	18	73	116	74	94
Toronto	84	78	95	86	85	90	70	65
Trenton	20	90	96	35	125	36	20	19
Uxbridge	40	85	23	17	106	39	49	1
Val Caron	59	91	123	132	53	40	27	30
Wallaceburg	109	14	14	77	111	115	129	56
Wasaga Beach	—	—	—	—	—	—	—	128
Welland	49	69	82	124	96	85	115	72
Weston	52	106	74	70	46	92	111	93
Whitby	111	88	111	92	33	100	72	71
Willowdale	99	67	91	101	65	37	89	50
Windsor	78	63	69	88	105	75	90	66
Woodbridge	101	34	73	85	4	82	81	100
Woodstock	61	21	34	30	23	24	48	95
Rural	55	64	46	55	47	56	54	69
Other	89	72	103	37	60	74	42	45

Note: It is not possible to compare data from 1997-2001 with data from 2002-2004 because of the change in coding classification from ICD9CCP to ICD10CA in FY2002

"—" indicates either no data were available for that facility for that year, that the institution did not exist in that year, or that the data were censored to protect patient confidentiality (when the denominator for a given indicator ≤ 5)

Failure to Rescue: Rank by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Acton	114	68	116	103	108	110	38	1
Ajax	97	119	57	44	97	79	88	48
Alliston	125	55	105	74	57	78	11	7
Amherstburg	11	98	58	94	21	88	22	6
Arnprior	1	96	—	38	3	35	14	17
Aurora	24	47	54	25	115	25	47	36
Aylmer West	115	114	128	34	116	30	31	68
Barrie	50	58	107	116	71	31	26	63
Belleville	79	32	110	93	51	51	117	87
Bolton	73	122	98	41	27	27	39	120
Bowmanville	26	38	92	28	36	65	25	32
Bracebridge	53	40	122	82	119	15	16	104
Bradford	33	110	65	89	14	123	35	21
Brampton	106	115	97	98	81	53	64	57
Brantford	30	26	21	19	60	63	50	83
Brockville	25	17	18	12	90	1	21	23
Burlington	80	79	71	58	80	62	63	58
Caledon	—	—	—	—	—	—	29	—
Caledonia	91	39	126	78	11	10	121	96
Cambridge	32	81	53	95	98	70	84	35
Carleton Place	1	18	50	69	38	114	1	1
Chatham	17	42	77	84	66	98	109	98
Cobourg	123	95	104	129	34	16	51	119
Collingwood	36	15	13	127	42	106	118	99
Concord	43	1	39	115	83	48	102	15
Cornwall	74	108	48	26	88	34	59	28
Cumberland	—	—	12	104	124	—	1	—
Delhi	21	30	78	71	31	45	1	112
Downsview	76	45	75	96	109	126	125	101
Dryden	103	22	1	7	10	132	23	117
Dunnville	9	41	102	99	28	130	135	107
East Gwillimbury	122	62	115	20	9	131	120	82
Elliot Lake	38	123	22	72	58	101	65	61
Elmira	7	11	9	100	121	127	67	126
Espanola	22	1	1	22	48	80	24	1
Essex	124	66	67	108	24	118	133	43
Etobicoke	83	102	93	67	76	108	68	60
Fergus	82	7	10	120	19	13	13	110
Fort Erie	119	89	20	11	117	120	82	22
Fort Frances	104	116	35	1	67	64	116	90
Gananoque	127	50	114	113	126	84	113	67
Garson	31	124	—	61	130	28	127	53
Georgetown	72	24	41	111	128	41	83	47
Goderich	19	13	42	6	12	11	77	10
Gravenhurst	13	20	55	118	5	50	132	31
Greely	—	—	1	48	—	96	103	—
Grimsby	63	23	118	9	120	21	130	89
Guelph	54	93	44	47	77	94	96	59
Hamilton	105	109	76	107	92	71	75	40
Hanmer	62	127	1	105	52	55	134	14
Hanover	41	12	27	14	43	1	12	11
Hawkesbury	16	27	88	126	49	61	86	114
Huntsville	28	9	112	114	54	1	131	24
Ingersoll	37	16	29	36	50	26	30	33
Innisfil	—	—	—	5	25	103	124	103
Kapuskasing	10	126	36	32	1	129	114	49
Kenora	6	59	125	65	7	23	1	92
Keswick	27	112	31	43	95	89	123	118
Kincardine	58	75	30	128	64	1	15	124
King City	46	35	1	1	118	1	1	127
Kingston	94	107	94	76	86	111	100	79
Kingsville	92	6	11	8	63	1	128	8
Kirkland Lake	8	46	84	119	104	38	19	9
Kitchener	98	71	86	80	68	107	85	73
Leamington	18	83	59	50	93	104	33	25
Lindsay	35	92	25	56	16	87	71	20
Listowel	112	60	83	123	122	73	43	75
Lively	118	82	127	125	131	81	78	91
London	113	105	100	91	82	97	76	85
Manotick	—	128	109	49	26	128	34	—
Maple	126	61	1	64	6	119	62	27
Markham	116	99	85	109	84	93	112	123
Meaford	1	4	8	117	8	49	—	—

Failure to Rescue: Rank by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Midland	42	8	26	68	1	18	37	111
Milton	75	111	47	53	22	122	80	16
Mississauga	87	77	80	73	99	99	101	86
Napanee	34	125	33	59	102	29	53	125
Navan	—	—	72	42	—	17	18	—
New Hamburg	—	—	—	—	—	—	56	54
Newmarket	100	51	61	81	29	46	110	78
Niagara Falls	107	74	63	79	113	105	91	115
North Bay	45	113	49	60	112	32	105	46
North York	66	101	101	66	94	72	97	52
Oakville	88	52	62	63	56	54	36	26
Orangeville	23	33	120	83	72	68	93	18
Orillia	48	28	51	15	41	42	45	39
Oshawa	110	84	89	112	55	91	92	97
Ottawa	77	57	90	54	62	67	79	34
Owen Sound	39	97	79	16	40	125	28	84
Paris	15	54	113	1	123	1	119	1
Parry Sound	93	1	16	27	13	44	10	55
Pembroke	117	48	64	39	35	9	108	37
Penetanguishene	5	5	17	45	44	1	9	64
Perth	81	117	24	10	87	60	87	116
Petawawa	121	73	129	29	32	117	46	44
Peterborough	60	56	87	62	30	43	126	113
Pickering	70	65	40	24	59	33	122	102
Port Colborne	67	121	117	106	110	69	57	80
Port Hope	120	36	32	21	129	113	60	51
Port Perry	56	19	108	46	74	124	17	122
Port Stanley	—	—	—	—	127	12	1	—
Renfrew	51	120	1	130	69	20	69	121
Richmond Hill	102	44	60	75	39	47	73	70
Rockland	86	100	28	1	17	57	44	12
Russell	—	10	19	—	—	—	—	—
Sarnia	68	70	56	121	89	102	58	88
Sault Ste. Marie	71	86	106	31	37	86	32	81
Scarborough	96	104	81	87	114	83	94	62
Simcoe	57	87	37	102	107	19	104	38
Sioux Lookout	12	—	—	51	15	—	61	—
Smiths Falls	64	103	43	131	101	52	107	41
St. Catharine	69	76	99	33	91	121	98	74
St. Mary's	1	25	45	23	18	22	1	76
St. Thomas	95	49	66	52	70	58	95	109
Stouffville	85	94	121	40	100	59	99	108
Stratford	47	43	15	57	45	76	40	13
Strathroy	65	31	119	13	78	95	52	106
Sturgeon	—	—	—	—	—	14	1	—
Sudbury	108	80	38	122	103	109	55	105
Thornhill	44	37	68	90	75	66	106	29
Thunder Bay	90	118	70	97	79	77	66	77
Tillsonburg	14	53	124	110	20	112	41	42
Timmins	29	29	52	18	73	116	74	94
Toronto	84	78	95	86	85	90	70	65
Trenton	20	90	96	35	125	36	20	19
Uxbridge	40	85	23	17	106	39	49	1
Val Caron	59	91	123	132	53	40	27	30
Wallaceburg	109	14	14	77	111	115	129	56
Wasaga Beach	—	—	—	—	—	—	—	128
Welland	49	69	82	124	96	85	115	72
Weston	52	106	74	70	46	92	111	93
Whitby	111	88	111	92	33	100	72	71
Willowdale	99	67	91	101	65	37	89	50
Windsor	78	63	69	88	105	75	90	66
Woodbridge	101	34	73	85	4	82	81	100
Woodstock	61	21	34	30	23	24	48	95
Rural	55	64	46	55	47	56	54	69
Other	89	72	103	37	60	74	42	45

Note: It is not possible to compare data from 1997-2001 with data from 2002-2004 because of the change in coding classification from ICD9CCP to ICD10CA in FY2002

"—" indicates either no data were available for that facility for that year, that the institution did not exist in that year, or that the data were censored to protect patient confidentiality (when the denominator for a given indicator ≤ 5)

Foreign Body Left During Procedure: Rank by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Acton	1	133	1	1	136	1	1	1
Ajax	115	1	1	1	121	1	118	121
Alliston	1	1	1	133	1	1	1	1
Amherstburg	1	123	128	1	1	1	1	1
Arnprior	1	1	1	131	1	1	1	1
Aurora	1	1	1	1	1	131	125	1
Aylmer West	130	127	1	1	1	132	1	1
Barrie	106	1	116	1	1	99	104	103
Belleville	117	1	1	110	1	124	128	122
Bolton	1	1	1	1	127	1	1	1
Bowmanville	1	106	1	1	1	1	115	117
Bracebridge	1	1	1	1	1	1	1	1
Bradford	1	126	1	1	1	1	1	1
Brampton	94	107	1	95	91	1	95	1
Brantford	113	1	121	1	95	1	1	1
Brockville	1	1	1	122	1	1	1	1
Burlington	111	1	118	1	1	107	110	113
Caledon	1	1	1	1	1	1	1	1
Caledonia	135	1	1	1	135	1	137	1
Cambridge	114	94	1	96	116	1	1	119
Carleton Place	1	1	1	1	1	1	1	1
Chatham	124	104	1	1	1	1	112	118
Cobourg	1	1	1	125	1	1	1	1
Collingwood	1	1	1	1	119	1	1	1
Concord	1	1	133	1	1	1	1	1
Cornwall	1	1	1	107	105	108	1	1
Cumberland	1	1	1	1	1	1	1	1
Delhi	1	1	1	1	1	1	138	137
Downsview	1	1	1	118	93	110	1	1
Dryden	131	1	1	1	1	1	1	1
Dunnville	1	1	1	1	129	133	1	134
East Gwillimbury	1	1	132	1	1	1	1	1
Elliot Lake	1	1	1	1	1	129	1	1
Elmira	1	1	1	1	1	1	1	1
Espanola	1	1	1	1	1	1	1	1
Essex	1	1	1	1	1	1	1	1
Etobicoke	127	89	95	96	1	105	103	103
Fergus	1	1	1	1	1	1	1	1
Fort Erie	1	1	126	1	1	1	1	1
Fort Frances	1	125	129	1	125	1	135	1
Gananoque	1	1	1	135	1	1	1	1
Garson	1	1	1	134	1	1	1	1
Georgetown	1	1	124	1	120	1	1	1
Goderich	1	121	1	129	1	1	1	1
Gravenhurst	1	132	1	1	130	1	136	1
Greely	1	1	1	1	1	1	1	1
Grimsby	1	1	1	1	126	1	1	1
Guelph	1	97	102	113	1	1	124	108
Hamilton	1	102	99	99	109	102	96	114
Hanmer	1	130	1	1	1	1	1	1
Hanover	1	124	1	1	1	1	1	1
Hawkesbury	1	1	1	1	1	1	1	1
Huntsville	1	1	1	1	1	1	1	131
Ingersoll	1	1	1	1	1	130	1	1
Innisfil	—	—	—	1	1	136	132	1
Kapuskasing	1	1	1	1	1	1	1	1
Kenora	1	1	1	1	128	1	1	132
Keswick	1	1	1	1	1	1	1	1
Kincardine	133	1	1	1	131	1	1	1
King City	1	1	1	1	1	1	1	1
Kingston	101	112	1	1	1	100	105	123
Kingsville	1	1	1	132	132	1	1	1
Kirkland Lake	1	128	1	1	1	1	1	1
Kitchener	98	95	101	98	115	91	1	103
Leamington	1	1	122	1	1	1	1	1
Lindsay	1	122	1	1	1	1	1	1
Listowel	1	1	130	1	1	1	1	1
Lively	1	1	1	1	1	1	1	1
London	110	105	94	92	109	117	121	110
Manotick	1	1	134	1	1	1	1	1
Maple	1	1	127	1	124	1	1	1
Markham	1	1	106	103	117	127	130	107
Meaford	1	1	1	1	1	1	1	1

Foreign Body Left During Procedure: Rank by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Midland	1	1	1	1	118	123	1	129
Milton	1	116	1	1	1	122	1	127
Mississauga	96	92	97	101	1	92	97	100
Napanee	1	1	1	1	1	1	1	1
Navan	1	1	1	1	1	1	1	1
New Hamburg	1	—	—	—	—	1	1	138
Newmarket	1	1	1	111	1	112	116	1
Niagara Falls	102	96	103	115	1	102	127	1
North Bay	123	1	1	105	104	1	123	112
North York	1	1	109	1	107	119	1	1
Oakville	125	1	112	120	94	96	101	1
Orangeville	1	1	1	123	1	1	1	1
Orillia	119	117	114	112	1	112	133	120
Oshawa	109	1	1	1	1	106	99	115
Ottawa	107	88	100	94	103	109	109	97
Owen Sound	1	120	120	117	113	1	122	1
Paris	134	1	1	1	1	1	1	1
Parry Sound	132	1	1	126	1	1	1	1
Pembroke	1	1	1	1	1	1	1	1
Penetanguishene	1	1	1	130	1	1	1	1
Perth	1	1	1	1	1	1	1	1
Petawawa	1	131	1	1	1	1	1	1
Peterborough	102	1	1	1	99	118	119	108
Pickering	1	107	1	1	1	121	1	1
Port Colborne	1	115	131	1	1	126	131	1
Port Hope	1	1	1	1	1	1	1	133
Port Perry	1	1	1	1	1	1	1	136
Port Stanley	1	1	1	1	1	1	1	1
Renfrew	128	1	1	1	1	1	1	1
Richmond Hill	122	101	1	103	101	1	1	124
Rockland	1	1	1	1	1	1	1	1
Russell	1	1	1	1	1	1	1	1
Sarnia	1	1	1	1	1	1	107	1
Sault Ste. Marie	116	111	1	121	98	1	1	1
Scarborough	112	99	111	91	108	97	99	101
Simcoe	1	113	123	1	1	125	126	1
Sioux Lookout	1	134	1	1	1	137	1	1
Smiths Falls	1	1	1	1	1	1	1	1
St. Catharine	95	100	98	109	101	94	1	1
St. Mary's	1	1	1	1	134	1	1	1
St. Thomas	118	110	115	1	1	1	1	1
Stouffville	129	129	1	1	1	1	1	1
Stratford	1	1	1	1	114	1	134	1
Strathroy	1	1	1	1	1	1	1	1
Sturgeon	—	—	—	—	1	134	1	135
Sudbury	97	1	1	1	96	114	117	1
Thornhill	1	1	108	108	1	1	111	1
Thunder Bay	121	103	1	93	92	95	1	124
Tillsonburg	1	1	125	1	122	1	1	1
Timmins	1	119	1	114	112	115	120	126
Toronto	99	93	110	102	90	111	98	98
Trenton	1	114	1	124	1	1	1	130
Uxbridge	1	1	1	1	133	135	1	1
Val Caron	1	1	1	1	1	1	1	1
Wallaceburg	1	1	1	127	1	128	1	1
Wasaga Beach	—	—	—	—	—	—	1	1
Welland	126	1	107	128	1	120	113	128
Weston	100	118	104	1	1	101	1	111
Whitby	1	1	1	1	1	1	1	1
Willowdale	1	91	1	1	1	104	108	99
Windsor	104	109	113	119	100	116	1	102
Woodbridge	1	1	119	116	111	1	114	116
Woodstock	119	1	117	1	123	1	129	1
Rural	105	97	105	106	97	98	102	103
Other	108	90	96	100	106	93	106	1

Note: It is not possible to compare data from 1997-2001 with data from 2002-2004 because of the change in coding classification from ICD9CCP to ICD10CA in FY2002

"—" indicates either no data were available for that facility for that year, that the institution did not exist in that year, or that the data were censored to protect patient confidentiality (when the denominator for a given indicator ≤ 5)

Postoperative Hip Fracture: Rank by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Acton	1	86	97	1	1	—	—	—
Ajax	85	1	1	118	1	—	—	—
Alliston	1	1	1	1	127	—	—	—
Amherstburg	86	1	1	1	1	—	—	—
Arnprior	1	1	1	1	1	—	—	—
Aurora	1	1	1	1	1	—	—	—
Aylmer West	1	1	1	1	1	—	—	—
Barrie	109	1	108	1	91	—	—	—
Belleville	115	121	130	1	125	—	—	—
Bolton	1	1	92	1	74	—	—	—
Bowmanville	1	1	1	1	99	—	—	—
Bracebridge	134	1	1	1	1	—	—	—
Bradford	93	89	1	1	1	—	—	—
Brampton	1	96	105	102	92	—	—	—
Brantford	1	100	1	1	107	—	—	—
Brockville	1	1	1	1	1	—	—	—
Burlington	103	1	1	1	1	—	—	—
Caledon	97	94	99	98	84	—	—	—
Caledonia	1	1	1	1	1	—	—	—
Cambridge	114	1	1	1	89	—	—	—
Carleton Place	1	1	1	135	129	—	—	—
Chatham	123	1	1	1	1	—	—	—
Cobourg	1	122	1	1	1	—	—	—
Collingwood	1	123	1	1	1	—	—	—
Concord	1	91	1	94	1	—	—	—
Cornwall	1	105	109	1	1	—	—	—
Cumberland	1	134	1	1	78	—	—	—
Delhi	1	1	1	1	134	—	—	—
Downsview	102	1	121	103	110	—	—	—
Dryden	1	1	133	1	1	—	—	—
Dunnville	1	1	1	1	1	—	—	—
East Gwillimbury	89	1	89	91	1	—	—	—
Elliot Lake	125	1	131	1	1	—	—	—
Elmira	1	1	1	1	1	—	—	—
Espanola	1	88	1	1	1	—	—	—
Essex	1	1	1	1	1	—	—	—
Etobicoke	101	103	98	113	96	—	—	—
Fergus	1	1	1	1	1	—	—	—
Fort Erie	1	1	1	1	1	—	—	—
Fort Frances	1	1	1	1	1	—	—	—
Gananoque	1	1	1	1	1	—	—	—
Garson	94	85	1	96	1	—	—	—
Georgetown	122	1	1	1	1	—	—	—
Goderich	1	128	1	1	1	—	—	—
Gravenhurst	1	1	1	1	1	—	—	—
Greely	88	1	91	93	79	—	—	—
Grimsby	1	1	1	132	123	—	—	—
Guelph	1	112	119	111	90	—	—	—
Hamilton	1	111	111	122	109	—	—	—
Hanmer	96	83	96	97	80	—	—	—
Hanover	131	1	1	1	1	—	—	—
Hawkesbury	1	1	1	1	1	—	—	—
Huntsville	132	1	1	1	1	—	—	—
Ingersoll	1	1	1	1	131	—	—	—
Innisfil	—	—	—	1	1	—	—	—
Kapuskasing	1	1	1	1	126	—	—	—
Kenora	1	1	1	1	1	—	—	—
Keswick	1	1	1	1	77	—	—	—
Kincardine	1	1	1	1	1	—	—	—
King City	90	1	1	1	1	—	—	—
Kingston	1	113	1	105	87	—	—	—
Kingsville	1	1	1	1	1	—	—	—
Kirkland Lake	1	131	1	1	1	—	—	—
Kitchener	98	95	118	106	83	—	—	—
Leamington	1	1	1	127	1	—	—	—
Lindsay	120	1	122	1	1	—	—	—
Listowel	1	1	1	1	1	—	—	—
Lively	87	1	1	1	1	—	—	—
London	104	110	117	108	113	—	—	—
Manotick	82	132	1	1	1	—	—	—
Maple	1	84	1	92	73	—	—	—
Markham	1	120	1	120	118	—	—	—
Meaford	1	1	1	1	1	—	—	—

Postoperative Hip Fracture: Rank by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Midland	1	1	1	1	120	—	—	—
Milton	1	1	1	1	1	—	—	—
Mississauga	107	1	104	100	101	—	—	—
Napanee	1	1	1	1	1	—	—	—
Navan	84	133	89	95	82	—	—	—
New Hamburg	—	—	—	—	—	—	—	—
Newmarket	1	114	1	119	104	—	—	—
Niagara Falls	126	1	107	1	1	—	—	—
North Bay	1	1	1	124	1	—	—	—
North York	1	115	1	1	111	—	—	—
Oakville	1	1	115	1	1	—	—	—
Orangeville	1	1	1	1	1	—	—	—
Orillia	1	117	1	1	1	—	—	—
Oshawa	117	1	112	101	86	—	—	—
Ottawa	127	126	128	128	115	—	—	—
Owen Sound	1	1	1	1	1	—	—	—
Paris	1	1	1	134	1	—	—	—
Parry Sound	1	1	1	129	132	—	—	—
Pembroke	1	1	1	1	1	—	—	—
Penetanguishene	1	1	1	1	1	—	—	—
Perth	1	1	1	1	128	—	—	—
Petawawa	95	87	94	133	76	—	—	—
Peterborough	128	93	123	110	106	—	—	—
Pickering	82	1	124	116	1	—	—	—
Port Colborne	1	1	129	126	122	—	—	—
Port Hope	1	1	132	1	130	—	—	—
Port Perry	1	1	1	1	135	—	—	—
Port Stanley	1	1	1	1	136	—	—	—
Renfrew	1	127	134	1	1	—	—	—
Richmond Hill	1	1	110	1	93	—	—	—
Rockland	133	1	1	1	133	—	—	—
Russell	92	1	1	1	75	—	—	—
Sarnia	1	104	1	1	112	—	—	—
Sault Ste. Marie	99	108	103	1	1	—	—	—
Scarborough	118	118	113	117	121	—	—	—
Simcoe	1	1	125	1	1	—	—	—
Sioux Lookout	1	1	88	1	72	—	—	—
Smiths Falls	1	1	1	131	1	—	—	—
St. Catharine	108	109	102	1	102	—	—	—
St. Mary's	1	1	1	1	1	—	—	—
St. Thomas	116	119	1	1	1	—	—	—
Stouffville	130	129	1	1	1	—	—	—
Stratford	121	1	1	125	1	—	—	—
Strathroy	1	1	1	1	1	—	—	—
Sturgeon	—	—	—	—	1	—	—	—
Sudbury	112	98	106	1	98	—	—	—
Thornhill	1	1	127	123	94	—	—	—
Thunder Bay	119	99	120	121	103	—	—	—
Tillsonburg	1	1	1	1	1	—	—	—
Timmins	1	1	1	112	108	—	—	—
Toronto	106	106	114	114	114	—	—	—
Trenton	1	1	1	1	119	—	—	—
Uxbridge	1	130	1	1	1	—	—	—
Val Caron	91	90	95	1	81	—	—	—
Wallaceburg	129	124	1	1	124	—	—	—
Wasaga Beach	—	—	—	—	—	—	—	—
Welland	111	116	1	107	117	—	—	—
Weston	113	101	1	109	88	—	—	—
Whitby	1	1	1	1	100	—	—	—
Willowdale	124	92	126	130	116	—	—	—
Windsor	110	107	116	1	95	—	—	—
Woodbridge	1	125	93	1	105	—	—	—
Woodstock	1	1	1	115	1	—	—	—
Rural	105	97	100	104	85	—	—	—
Other	100	102	101	99	97	—	—	—

Note: It is not possible to compare data from 1997-2001 with data from 2002-2004 because of the change in coding classification from ICD9CCP to ICD10CA in FY2002

"—" indicates either no data were available for that facility for that year, that the institution did not exist in that year, or that the data were censored to protect patient confidentiality (when the denominator for a given indicator ≤ 5)

Postoperative Hemorrhage or Hematoma: Rank by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Acton	1	1	1	1	127	—	—	—
Ajax	117	1	109	129	1	—	—	—
Alliston	123	118	111	132	110	—	—	—
Amherstburg	1	108	1	1	104	—	—	—
Arnprior	1	125	1	127	123	—	—	—
Aurora	1	1	1	99	81	—	—	—
Aylmer West	118	113	1	1	114	—	—	—
Barrie	1	111	121	1	100	—	—	—
Belleville	99	1	125	105	93	—	—	—
Bolton	116	130	1	1	1	—	—	—
Bowmanville	1	99	88	116	85	—	—	—
Bracebridge	1	1	1	1	1	—	—	—
Bradford	1	131	114	122	1	—	—	—
Brampton	1	1	1	1	1	—	—	—
Brantford	1	1	86	104	90	—	—	—
Brockville	1	1	1	120	111	—	—	—
Burlington	1	1	1	1	106	—	—	—
Caledon	1	1	1	1	1	—	—	—
Caledonia	1	1	1	1	131	—	—	—
Cambridge	95	1	1	121	119	—	—	—
Carleton Place	1	1	1	1	116	—	—	—
Chatham	94	1	1	1	89	—	—	—
Cobourg	1	1	1	1	1	—	—	—
Collingwood	1	105	127	101	1	—	—	—
Concord	1	1	1	1	1	—	—	—
Cornwall	1	95	1	1	109	—	—	—
Cumberland	1	1	1	1	1	—	—	—
Delhi	1	1	1	1	1	—	—	—
Downsview	1	1	1	1	1	—	—	—
Dryden	1	122	1	1	1	—	—	—
Dunnville	122	1	122	1	1	—	—	—
East Gwillimbury	1	1	131	1	1	—	—	—
Elliot Lake	1	106	96	1	99	—	—	—
Elmira	1	1	1	1	128	—	—	—
Espanola	1	1	1	1	129	—	—	—
Essex	1	1	124	1	1	—	—	—
Etobicoke	89	103	89	1	1	—	—	—
Fergus	1	1	1	126	122	—	—	—
Fort Erie	1	110	1	1	1	—	—	—
Fort Frances	1	1	1	135	126	—	—	—
Gananoque	1	1	130	1	1	—	—	—
Garson	134	1	1	1	135	—	—	—
Georgetown	1	1	1	1	1	—	—	—
Goderich	114	1	118	1	1	—	—	—
Gravenhurst	132	123	1	1	118	—	—	—
Greely	1	1	1	1	1	—	—	—
Grimsby	1	112	1	119	1	—	—	—
Guelph	93	97	1	124	1	—	—	—
Hamilton	86	1	92	112	125	—	—	—
Hanmer	1	120	123	1	136	—	—	—
Hanover	120	1	1	1	1	—	—	—
Hawkesbury	1	1	1	1	130	—	—	—
Huntsville	1	126	1	1	1	—	—	—
Ingersoll	1	1	1	133	1	—	—	—
Innisfil	—	—	—	1	1	—	—	—
Kapuskasing	115	124	116	1	1	—	—	—
Kenora	125	134	128	128	132	—	—	—
Keswick	1	1	1	1	102	—	—	—
Kincardine	1	1	1	1	1	—	—	—
King City	1	133	1	131	1	—	—	—
Kingston	1	109	103	1	1	—	—	—
Kingsville	112	116	1	1	1	—	—	—
Kirkland Lake	1	1	1	1	1	—	—	—
Kitchener	1	94	107	1	91	—	—	—
Leamington	1	1	90	109	1	—	—	—
Lindsay	105	1	108	118	80	—	—	—
Listowel	130	1	132	1	1	—	—	—
Lively	1	1	134	1	1	—	—	—
London	91	1	1	1	98	—	—	—
Manotick	1	1	1	134	1	—	—	—
Maple	121	1	1	111	86	—	—	—
Markham	1	1	99	1	113	—	—	—
Meaford	1	1	1	130	1	—	—	—

Postoperative Hemorrhage or Hematoma: Rank by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Midland	1	132	105	1	97	—	—	—
Milton	104	1	1	107	95	—	—	—
Mississauga	1	1	97	1	101	—	—	—
Napanee	1	1	120	1	112	—	—	—
Navan	1	1	1	1	1	—	—	—
New Hamburg	—	—	—	—	—	—	—	—
Newmarket	124	100	1	115	1	—	—	—
Niagara Falls	1	1	87	1	84	—	—	—
North Bay	111	1	1	117	120	—	—	—
North York	1	1	1	1	1	—	—	—
Oakville	1	1	1	1	103	—	—	—
Orangeville	1	1	112	114	124	—	—	—
Orillia	103	1	91	1	121	—	—	—
Oshawa	92	1	1	106	94	—	—	—
Ottawa	100	93	1	95	79	—	—	—
Owen Sound	1	1	113	1	1	—	—	—
Paris	1	1	1	1	1	—	—	—
Parry Sound	1	1	1	1	1	—	—	—
Pembroke	85	115	1	1	87	—	—	—
Penetanguishene	1	121	1	123	1	—	—	—
Perth	1	119	1	1	1	—	—	—
Petawawa	129	127	1	1	1	—	—	—
Peterborough	107	1	98	97	83	—	—	—
Pickering	1	107	106	113	117	—	—	—
Port Colborne	1	96	95	1	1	—	—	—
Port Hope	1	117	1	1	1	—	—	—
Port Perry	119	1	117	1	133	—	—	—
Port Stanley	1	1	1	1	1	—	—	—
Renfrew	1	1	1	1	1	—	—	—
Richmond Hill	97	1	115	1	107	—	—	—
Rockland	126	1	1	1	1	—	—	—
Russell	133	1	1	1	1	—	—	—
Sarnia	113	1	1	1	1	—	—	—
Sault Ste. Marie	90	1	1	102	82	—	—	—
Scarborough	1	102	1	98	78	—	—	—
Simcoe	128	128	1	125	1	—	—	—
Sioux Lookout	1	1	133	1	134	—	—	—
Smiths Falls	108	1	1	1	1	—	—	—
St. Catharine	96	1	1	110	92	—	—	—
St. Mary's	131	1	1	1	1	—	—	—
St. Thomas	1	114	102	1	1	—	—	—
Stouffville	1	1	1	1	1	—	—	—
Stratford	1	1	1	1	1	—	—	—
Strathroy	1	1	104	1	105	—	—	—
Sturgeon	—	—	—	—	1	—	—	—
Sudbury	110	101	93	1	108	—	—	—
Thornhill	1	1	1	100	76	—	—	—
Thunder Bay	109	1	101	1	115	—	—	—
Tillsonburg	102	104	94	1	1	—	—	—
Timmins	98	1	100	1	1	—	—	—
Toronto	88	1	1	1	1	—	—	—
Trenton	1	1	126	103	1	—	—	—
Uxbridge	1	1	1	1	1	—	—	—
Val Caron	127	129	129	1	1	—	—	—
Wallaceburg	101	1	1	1	1	—	—	—
Wasaga Beach	—	—	—	—	—	—	—	—
Welland	1	1	1	1	1	—	—	—
Weston	1	98	110	1	1	—	—	—
Whitby	1	1	1	1	96	—	—	—
Willowdale	1	1	1	1	88	—	—	—
Windsor	1	1	1	1	1	—	—	—
Woodbridge	106	1	1	1	1	—	—	—
Woodstock	1	1	119	108	1	—	—	—
Rural	87	1	1	96	77	—	—	—
Other	1	1	1	1	1	—	—	—

Note: It is not possible to compare data from 1997-2001 with data from 2002-2004 because of the change in coding classification from ICD9CCP to ICD10CA in FY2002

"—" indicates either no data were available for that facility for that year, that the institution did not exist in that year, or that the data were censored to protect patient confidentiality (when the denominator for a given indicator ≤ 5)

Postoperative Physiologic and Metabolic Derangement: Rank by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Acton	86	1	134	1	1	132	133	1
Ajax	1	1	120	126	1	1	1	1
Alliston	1	1	1	1	135	129	1	130
Amherstburg	97	1	1	1	1	1	1	1
Arnprior	1	1	80	1	1	1	1	1
Aurora	1	128	1	1	1	1	1	1
Aylmer West	90	1	87	1	1	1	131	1
Barrie	127	111	1	1	120	1	1	1
Belleville	128	1	123	1	121	110	120	1
Bolton	132	82	80	130	1	1	1	1
Bowmanville	125	1	131	1	112	1	1	110
Bracebridge	1	1	1	1	1	1	1	128
Bradford	1	1	1	1	134	1	1	1
Brampton	115	1	99	111	105	1	1	108
Brantford	105	1	101	123	103	111	1	118
Brockville	1	1	125	1	1	123	123	1
Burlington	1	124	102	92	113	1	109	1
Caledon	109	83	1	99	96	1	1	1
Caledonia	1	1	1	1	1	1	1	135
Cambridge	1	1	117	104	114	115	1	1
Carleton Place	1	1	1	1	85	1	135	131
Chatham	1	1	126	122	116	122	1	86
Cobourg	1	1	1	1	1	1	122	1
Collingwood	1	1	70	1	131	1	1	1
Concord	1	1	91	1	1	133	1	1
Cornwall	119	1	116	1	126	118	107	1
Cumberland	1	84	1	1	83	1	1	1
Delhi	1	91	1	1	1	1	1	1
Downsview	118	92	115	1	92	114	117	95
Dryden	104	1	92	102	84	82	92	98
Dunnville	1	132	1	132	1	127	1	1
East Gwillimbury	1	81	1	1	1	136	1	1
Elliot Lake	1	133	1	1	1	1	129	1
Elmira	86	90	1	1	87	1	1	96
Espanola	1	97	89	1	1	91	1	91
Essex	1	1	1	1	1	1	1	1
Etobicoke	101	1	114	1	97	1	99	102
Fergus	1	1	1	1	136	85	1	1
Fort Erie	1	1	1	1	1	1	1	1
Fort Frances	1	1	1	1	94	1	1	1
Gananoque	1	1	1	1	1	1	1	1
Garson	1	86	1	94	1	1	1	1
Georgetown	1	1	74	1	127	120	1	1
Goderich	1	1	1	133	1	1	130	129
Gravenhurst	1	1	1	1	1	1	94	133
Greely	88	85	1	1	1	1	1	1
Grimsby	1	130	130	1	1	83	1	125
Guelph	1	116	124	128	124	1	115	103
Hamilton	82	115	122	115	100	106	114	1
Hanmer	93	100	85	98	1	1	1	1
Hanover	89	95	1	1	1	1	1	1
Hawkesbury	1	87	1	1	1	134	1	136
Huntsville	1	1	1	1	1	128	1	1
Ingersoll	1	1	83	1	82	1	132	1
Innisfil	—	—	—	1	1	1	127	1
Kapuskasing	91	1	1	131	89	1	1	1
Kenora	108	104	96	103	101	96	98	90
Keswick	131	1	71	1	1	1	1	86
Kincardine	92	79	1	1	1	1	1	1
King City	85	1	1	1	1	1	1	1
Kingston	112	1	1	1	108	1	112	107
Kingsville	83	1	132	1	1	1	1	1
Kirkland Lake	81	79	1	96	91	1	1	1
Kitchener	123	93	98	106	106	108	104	94
Leamington	1	125	1	1	130	1	1	1
Lindsay	1	1	1	1	1	116	1	120
Listowel	134	88	76	1	1	1	1	137
Lively	1	1	77	1	1	1	1	97
London	121	1	106	120	98	98	100	101
Manotick	102	1	1	1	94	1	1	138
Maple	1	1	1	1	128	1	1	127
Markham	1	123	110	1	1	105	1	1
Meaford	1	1	72	91	1	87	97	1

Postoperative Physiologic and Metabolic Derangement: Rank by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Midland	1	1	1	1	1	1	91	1
Milton	1	129	1	135	1	1	1	122
Mississauga	126	1	1	97	1	101	1	1
Napanee	1	1	133	1	1	131	134	1
Navan	107	107	79	101	1	1	96	1
New Hamburg	—	—	—	—	—	137	1	1
Newmarket	1	1	1	117	1	104	1	112
Niagara Falls	116	105	95	1	1	1	1	1
North Bay	1	120	111	1	1	119	1	113
North York	1	114	1	1	1	1	1	105
Oakville	110	110	104	1	1	1	125	104
Orangeville	1	1	121	90	1	1	1	1
Orillia	1	1	118	129	1	112	1	124
Oshawa	1	106	109	113	90	103	1	106
Ottawa	99	98	108	110	115	107	118	114
Owen Sound	1	1	1	1	1	1	1	1
Paris	1	1	1	1	88	1	1	1
Parry Sound	1	1	1	1	133	1	1	1
Pembroke	1	1	1	1	129	130	124	1
Penetanguishene	1	1	1	1	1	1	1	1
Perth	1	1	82	134	1	1	1	1
Petawawa	98	95	90	100	1	1	1	1
Peterborough	103	1	1	112	1	1	1	1
Pickering	1	1	1	125	107	117	1	111
Port Colborne	1	127	1	1	132	1	128	1
Port Hope	133	1	1	1	1	1	1	85
Port Perry	1	1	1	1	1	126	1	1
Port Stanley	1	1	1	1	1	1	137	1
Renfrew	1	1	1	1	1	1	1	1
Richmond Hill	129	109	105	121	99	1	1	1
Rockland	1	1	83	1	1	93	1	134
Russell	95	1	92	1	1	86	1	1
Sarnia	1	116	113	1	1	99	1	99
Sault Ste. Marie	120	121	1	1	1	1	105	121
Scarborough	117	108	1	108	110	92	101	109
Simcoe	1	134	128	1	1	125	1	1
Sioux Lookout	1	1	100	105	1	84	1	89
Smiths Falls	93	1	94	1	1	1	136	86
St. Catharine	124	101	1	1	111	1	119	93
St. Mary's	1	1	1	1	1	1	1	1
St. Thomas	1	122	1	1	1	1	1	117
Stouffville	1	1	1	1	85	1	1	1
Stratford	1	126	1	124	122	1	121	123
Strathroy	1	88	78	1	1	135	1	126
Sturgeon	—	—	—	—	93	1	93	132
Sudbury	114	1	1	114	109	1	116	116
Thornhill	1	118	112	127	104	90	106	1
Thunder Bay	106	103	86	1	1	97	108	1
Tillsonburg	1	1	1	1	1	1	126	1
Timmins	1	1	1	1	125	1	1	1
Toronto	113	113	107	95	1	95	111	1
Trenton	1	1	127	1	1	124	1	1
Uxbridge	1	1	1	1	1	1	1	1
Val Caron	83	99	75	93	1	88	102	92
Wallaceburg	1	131	1	1	1	1	1	1
Wasaga Beach	—	—	—	—	—	—	—	1
Welland	1	1	129	116	1	121	113	1
Weston	111	118	1	109	118	89	1	1
Whitby	130	1	1	1	119	1	1	1
Willowdale	95	112	103	119	1	113	95	1
Windsor	1	1	88	1	117	102	1	1
Woodbridge	122	1	1	1	1	1	1	1
Woodstock	1	94	73	1	1	109	1	119
Rural	100	102	97	107	102	94	110	100
Other	1	1	119	118	123	100	103	114

Note: It is not possible to compare data from 1997-2001 with data from 2002-2004 because of the change in coding classification from ICD9CCP to ICD10CA in FY2002

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Postoperative Respiratory Failure: Rank by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Acton	—	—	—	—	—	1	1	1
Ajax	—	—	—	—	—	1	1	1
Alliston	—	—	—	—	—	125	1	1
Amherstburg	—	—	—	—	—	118	1	1
Arnprior	—	—	—	—	—	1	122	126
Aurora	—	—	—	—	—	113	1	1
Aylmer West	—	—	—	—	—	1	130	1
Barrie	—	—	—	—	—	1	1	1
Belleville	—	—	—	—	—	105	1	1
Bolton	—	—	—	—	—	1	1	1
Bowmanville	—	—	—	—	—	1	1	115
Bracebridge	—	—	—	—	—	127	132	1
Bradford	—	—	—	—	—	134	136	1
Brampton	—	—	—	—	—	1	1	96
Brantford	—	—	—	—	—	1	1	114
Brockville	—	—	—	—	—	1	116	101
Burlington	—	—	—	—	—	1	123	1
Caledon	—	—	—	—	—	1	1	92
Caledonia	—	—	—	—	—	1	1	1
Cambridge	—	—	—	—	—	112	1	88
Carleton Place	—	—	—	—	—	1	1	135
Chatham	—	—	—	—	—	1	1	1
Cobourg	—	—	—	—	—	102	1	113
Collingwood	—	—	—	—	—	1	1	1
Concord	—	—	—	—	—	133	1	1
Cornwall	—	—	—	—	—	110	113	128
Cumberland	—	—	—	—	—	1	1	138
Delhi	—	—	—	—	—	1	1	133
Downsview	—	—	—	—	—	1	1	110
Dryden	—	—	—	—	—	1	1	1
Dunnville	—	—	—	—	—	135	1	131
East Gwillimbury	—	—	—	—	—	1	1	1
Elliot Lake	—	—	—	—	—	1	1	1
Elmira	—	—	—	—	—	1	1	1
Espanola	—	—	—	—	—	1	1	1
Essex	—	—	—	—	—	131	1	1
Etobicoke	—	—	—	—	—	1	1	106
Fergus	—	—	—	—	—	1	127	1
Fort Erie	—	—	—	—	—	107	1	1
Fort Frances	—	—	—	—	—	1	1	1
Gananoque	—	—	—	—	—	1	1	1
Garson	—	—	—	—	—	1	107	91
Georgetown	—	—	—	—	—	1	1	1
Goderich	—	—	—	—	—	114	1	137
Gravenhurst	—	—	—	—	—	132	1	1
Greely	—	—	—	—	—	1	1	1
Grimsby	—	—	—	—	—	1	1	1
Guelph	—	—	—	—	—	109	104	1
Hamilton	—	—	—	—	—	1	1	94
Hanmer	—	—	—	—	—	1	1	1
Hanover	—	—	—	—	—	1	1	1
Hawkesbury	—	—	—	—	—	1	1	1
Huntsville	—	—	—	—	—	122	1	1
Ingersoll	—	—	—	—	—	123	1	1
Innisfil	—	—	—	—	—	1	1	1
Kapuskasing	—	—	—	—	—	1	1	1
Kenora	—	—	—	—	—	1	1	1
Keswick	—	—	—	—	—	1	129	1
Kincardine	—	—	—	—	—	1	1	1
King City	—	—	—	—	—	1	137	1
Kingston	—	—	—	—	—	1	117	90
Kingsville	—	—	—	—	—	116	1	1
Kirkland Lake	—	—	—	—	—	129	134	1
Kitchener	—	—	—	—	—	1	124	104
Leamington	—	—	—	—	—	1	121	125
Lindsay	—	—	—	—	—	1	1	127
Listowel	—	—	—	—	—	137	1	134
Lively	—	—	—	—	—	1	1	1
London	—	—	—	—	—	1	1	1
Manotick	—	—	—	—	—	1	1	1
Maple	—	—	—	—	—	119	1	129
Markham	—	—	—	—	—	1	1	95
Meaford	—	—	—	—	—	1	1	1

Postoperative Respiratory Failure: Rank by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Midland	—	—	—	—	—	1	1	130
Milton	—	—	—	—	—	1	1	102
Mississauga	—	—	—	—	—	111	110	112
Napanee	—	—	—	—	—	136	1	1
Navan	—	—	—	—	—	1	1	1
New Hamburg	—	—	—	—	—	1	1	1
Newmarket	—	—	—	—	—	1	114	93
Niagara Falls	—	—	—	—	—	1	1	123
North Bay	—	—	—	—	—	1	1	89
North York	—	—	—	—	—	1	1	100
Oakville	—	—	—	—	—	1	126	1
Orangeville	—	—	—	—	—	103	1	1
Orillia	—	—	—	—	—	1	1	124
Oshawa	—	—	—	—	—	1	1	119
Ottawa	—	—	—	—	—	99	125	118
Owen Sound	—	—	—	—	—	1	1	99
Paris	—	—	—	—	—	124	1	132
Parry Sound	—	—	—	—	—	1	1	1
Pembroke	—	—	—	—	—	130	133	98
Penetanguishene	—	—	—	—	—	1	1	1
Perth	—	—	—	—	—	126	1	1
Petawawa	—	—	—	—	—	1	1	1
Peterborough	—	—	—	—	—	101	109	103
Pickering	—	—	—	—	—	115	1	1
Port Colborne	—	—	—	—	—	1	1	1
Port Hope	—	—	—	—	—	128	1	1
Port Perry	—	—	—	—	—	120	120	116
Port Stanley	—	—	—	—	—	1	1	1
Renfrew	—	—	—	—	—	121	131	1
Richmond Hill	—	—	—	—	—	1	1	1
Rockland	—	—	—	—	—	1	1	1
Russell	—	—	—	—	—	1	1	1
Sarnia	—	—	—	—	—	1	1	1
Sault Ste. Marie	—	—	—	—	—	1	1	107
Scarborough	—	—	—	—	—	1	119	86
Simcoe	—	—	—	—	—	108	1	1
Sioux Lookout	—	—	—	—	—	1	106	1
Smiths Falls	—	—	—	—	—	1	1	1
St. Catharine	—	—	—	—	—	1	108	105
St. Mary's	—	—	—	—	—	1	135	1
St. Thomas	—	—	—	—	—	100	1	1
Stouffville	—	—	—	—	—	1	1	122
Stratford	—	—	—	—	—	106	1	1
Strathroy	—	—	—	—	—	1	1	1
Sturgeon	—	—	—	—	—	1	1	1
Sudbury	—	—	—	—	—	1	1	1
Thornhill	—	—	—	—	—	1	1	121
Thunder Bay	—	—	—	—	—	1	1	1
Tillsonburg	—	—	—	—	—	1	1	109
Timmins	—	—	—	—	—	104	112	1
Toronto	—	—	—	—	—	1	1	108
Trenton	—	—	—	—	—	1	1	136
Uxbridge	—	—	—	—	—	1	1	120
Val Caron	—	—	—	—	—	1	111	85
Wallaceburg	—	—	—	—	—	117	1	1
Wasaga Beach	—	—	—	—	—	—	—	1
Welland	—	—	—	—	—	1	128	1
Weston	—	—	—	—	—	1	1	117
Whitby	—	—	—	—	—	1	118	1
Willowdale	—	—	—	—	—	1	1	1
Windsor	—	—	—	—	—	1	115	111
Woodbridge	—	—	—	—	—	1	1	1
Woodstock	—	—	—	—	—	1	1	1
Rural	—	—	—	—	—	1	1	87
Other	—	—	—	—	—	1	105	97

Note: It is not possible to compare data from 1997-2001 with data from 2002-2004 because of the change in coding classification from ICD9CCP to ICD10CA in FY2002

"—" indicates no data were available for that facility for that year or that the institution did not exist in that year

Postoperative Sepsis: Rank by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Acton	1	48	1	129	135	—	—	—
Ajax	90	32	86	53	62	—	—	—
Alliston	1	128	131	118	98	—	—	—
Amherstburg	101	81	71	108	54	—	—	—
Arnprior	1	17	84	1	102	—	—	—
Aurora	116	74	118	70	117	—	—	—
Aylmer West	46	24	1	102	34	—	—	—
Barrie	83	46	40	110	69	—	—	—
Belleville	91	55	74	34	84	—	—	—
Bolton	112	79	62	23	112	—	—	—
Bowmanville	45	70	54	21	59	—	—	—
Bracebridge	1	52	102	123	100	—	—	—
Bradford	133	132	126	117	1	—	—	—
Brampton	61	43	36	29	90	—	—	—
Brantford	74	34	96	101	95	—	—	—
Brockville	115	96	79	63	50	—	—	—
Burlington	28	72	90	82	51	—	—	—
Caledon	24	134	22	22	1	—	—	—
Caledonia	1	111	35	97	64	—	—	—
Cambridge	80	19	39	72	25	—	—	—
Carleton Place	124	28	1	130	94	—	—	—
Chatham	110	112	67	52	28	—	—	—
Cobourg	81	63	99	1	22	—	—	—
Collingwood	105	16	53	107	41	—	—	—
Concord	96	91	120	1	114	—	—	—
Cornwall	63	27	31	65	52	—	—	—
Cumberland	1	129	1	1	136	—	—	—
Delhi	132	1	115	99	1	—	—	—
Downsview	43	100	42	98	68	—	—	—
Dryden	130	15	34	1	48	—	—	—
Dunnville	40	57	121	122	21	—	—	—
East Gwillimbury	87	127	1	56	58	—	—	—
Elliot Lake	1	116	81	1	1	—	—	—
Elmira	68	121	1	54	134	—	—	—
Espanola	1	20	80	1	1	—	—	—
Essex	76	29	32	28	121	—	—	—
Etobicoke	108	101	97	111	109	—	—	—
Fergus	79	1	17	87	1	—	—	—
Fort Erie	53	83	44	1	1	—	—	—
Fort Frances	100	1	104	39	47	—	—	—
Gananoque	26	118	124	94	1	—	—	—
Garson	1	18	75	67	1	—	—	—
Georgetown	44	36	66	58	92	—	—	—
Goderich	131	133	119	40	55	—	—	—
Gravenhurst	32	113	109	20	127	—	—	—
Greely	1	125	128	132	1	—	—	—
Grimsby	49	21	85	33	1	—	—	—
Guelph	27	80	63	113	81	—	—	—
Hamilton	70	49	89	92	99	—	—	—
Hanmer	103	1	13	89	1	—	—	—
Hanover	73	33	129	1	119	—	—	—
Hawkesbury	1	122	130	119	56	—	—	—
Huntsville	1	99	26	35	33	—	—	—
Ingersoll	121	71	110	26	124	—	—	—
Innisfil	—	—	—	120	36	—	—	—
Kapuskasing	1	14	23	69	67	—	—	—
Kenora	25	69	106	62	132	—	—	—
Keswick	1	95	100	83	113	—	—	—
Kincardine	125	75	14	1	126	—	—	—
King City	134	114	1	66	49	—	—	—
Kingston	109	59	117	75	78	—	—	—
Kingsville	67	105	111	27	106	—	—	—
Kirkland Lake	31	60	91	1	115	—	—	—
Kitchener	51	97	73	68	65	—	—	—
Leamington	30	115	46	104	111	—	—	—
Lindsay	85	25	56	95	46	—	—	—
Listowel	36	45	134	44	123	—	—	—
Lively	122	1	72	61	97	—	—	—
London	114	89	88	114	120	—	—	—
Manotick	126	54	15	131	125	—	—	—
Maple	1	124	50	60	73	—	—	—
Markham	57	37	37	41	35	—	—	—
Meaford	1	92	28	124	1	—	—	—

Postoperative Sepsis: Rank by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Midland	37	1	127	31	29	—	—	—
Milton	78	110	25	30	31	—	—	—
Mississauga	71	61	87	90	104	—	—	—
Napanee	107	1	123	73	82	—	—	—
Navan	1	123	1	133	1	—	—	—
New Hamburg	—	—	—	—	—	—	—	—
Newmarket	95	98	125	115	30	—	—	—
Niagara Falls	75	87	83	25	57	—	—	—
North Bay	62	50	61	49	37	—	—	—
North York	98	76	76	45	96	—	—	—
Oakville	111	78	33	50	39	—	—	—
Orangeville	39	130	21	37	23	—	—	—
Orillia	77	26	60	88	32	—	—	—
Oshawa	58	31	94	80	44	—	—	—
Ottawa	89	66	68	91	101	—	—	—
Owen Sound	117	68	70	19	91	—	—	—
Paris	34	1	19	1	131	—	—	—
Parry Sound	1	86	1	57	105	—	—	—
Pembroke	54	40	107	24	122	—	—	—
Penetanguishene	35	38	24	1	72	—	—	—
Perth	106	1	113	134	1	—	—	—
Petawawa	94	1	58	71	76	—	—	—
Peterborough	59	42	38	32	60	—	—	—
Pickering	55	22	69	48	71	—	—	—
Port Colborne	119	53	41	125	45	—	—	—
Port Hope	86	90	27	121	42	—	—	—
Port Perry	41	109	49	81	118	—	—	—
Port Stanley	127	1	1	112	133	—	—	—
Renfrew	1	1	30	76	110	—	—	—
Richmond Hill	48	56	101	74	83	—	—	—
Rockland	128	107	114	126	130	—	—	—
Russell	1	1	12	1	1	—	—	—
Sarnia	65	44	116	109	43	—	—	—
Sault Ste. Marie	82	73	57	46	24	—	—	—
Scarborough	66	62	93	106	85	—	—	—
Simcoe	104	30	47	38	79	—	—	—
Sioux Lookout	1	120	132	1	1	—	—	—
Smiths Falls	97	102	16	128	129	—	—	—
St. Catharine	69	85	43	36	89	—	—	—
St. Mary's	1	39	133	135	103	—	—	—
St. Thomas	123	104	55	79	88	—	—	—
Stouffville	60	126	82	85	75	—	—	—
Stratford	29	103	1	18	26	—	—	—
Strathroy	92	106	48	93	53	—	—	—
Sturgeon	—	—	—	—	1	—	—	—
Sudbury	56	65	29	1	27	—	—	—
Thornhill	72	58	95	47	107	—	—	—
Thunder Bay	93	93	112	127	93	—	—	—
Tillsonburg	120	35	77	116	128	—	—	—
Timmins	1	47	64	84	87	—	—	—
Toronto	99	108	103	100	108	—	—	—
Trenton	47	119	122	43	66	—	—	—
Uxbridge	33	131	20	64	40	—	—	—
Val Caron	129	84	52	1	1	—	—	—
Wallaceburg	50	117	18	42	1	—	—	—
Wasaga Beach	—	—	—	—	—	—	—	—
Welland	52	51	51	86	38	—	—	—
Weston	113	77	108	103	74	—	—	—
Whitby	38	23	45	105	63	—	—	—
Willowdale	42	88	105	55	80	—	—	—
Windsor	88	67	78	96	76	—	—	—
Woodbridge	102	41	59	51	116	—	—	—
Woodstock	118	82	92	59	61	—	—	—
Rural	64	64	65	77	70	—	—	—
Other	84	94	98	78	86	—	—	—

Note: It is not possible to compare data from 1997-2001 with data from 2002-2004 because of the change in coding classification from ICD9CCP to ICD10CA in FY2002

"—" indicates no data were available for that facility for that year or that the institution did not exist in that year

Postoperative Pulmonary Embolism or Deep Vein Thrombosis: Rank by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Acton	1	1	1	1	1	1	1	1
Ajax	1	1	114	95	1	89	108	112
Alliston	1	132	1	132	1	1	1	1
Amherstburg	1	127	1	1	1	1	126	1
Arnprior	1	1	1	1	1	1	1	129
Aurora	1	1	1	1	1	1	1	107
Aylmer West	1	134	1	1	1	1	134	128
Barrie	109	113	1	111	1	117	1	110
Belleville	1	88	83	110	1	81	1	1
Bolton	1	1	1	1	87	1	1	121
Bowmanville	1	1	1	1	112	1	1	1
Bracebridge	128	1	1	1	130	1	1	122
Bradford	1	1	1	1	1	1	1	1
Brampton	88	98	108	109	113	95	110	88
Brantford	86	102	91	107	1	111	1	93
Brockville	1	108	1	94	1	118	1	132
Burlington	108	1	98	1	115	86	1	96
Caledon	—	93	87	81	121	1	1	1
Caledonia	1	1	1	133	1	1	1	1
Cambridge	80	1	100	78	110	1	109	1
Carleton Place	1	1	130	1	1	1	1	126
Chatham	84	1	1	1	1	1	1	87
Cobourg	1	1	121	123	1	84	118	100
Collingwood	1	1	1	1	1	108	1	1
Concord	1	1	1	1	136	1	1	1
Cornwall	83	107	1	1	82	88	1	1
Cumberland	1	1	84	84	1	1	1	1
Delhi	1	1	1	1	1	129	1	134
Downsview	110	100	101	1	101	122	123	108
Dryden	1	1	1	1	1	1	1	1
Dunnville	1	131	1	1	1	123	1	1
East Gwillimbury	1	86	132	1	1	134	136	1
Elliot Lake	1	1	1	1	1	114	115	1
Elmira	1	1	1	1	1	137	1	1
Espanola	1	1	1	1	85	1	1	1
Essex	1	1	1	1	1	135	1	1
Etobicoke	100	1	105	119	103	90	104	99
Fergus	1	87	1	1	1	1	1	119
Fort Erie	1	1	1	1	131	131	1	1
Fort Frances	132	1	88	1	95	133	1	1
Gananoque	1	1	1	128	1	1	1	1
Garson	91	91	1	79	1	1	1	1
Georgetown	1	1	118	120	1	1	1	1
Goderich	1	1	131	130	1	128	1	131
Gravenhurst	1	1	1	1	1	126	1	123
Greely	1	1	1	1	92	1	1	1
Grimsby	1	125	1	117	1	110	117	1
Guelph	82	128	96	88	104	1	1	103
Hamilton	107	96	112	93	89	96	119	98
Hanmer	99	97	93	1	1	1	135	136
Hanover	1	1	1	1	1	1	1	1
Hawkesbury	1	1	1	1	1	1	1	1
Huntsville	130	1	127	1	1	1	1	1
Ingersoll	1	1	1	1	1	1	1	1
Innisfil	—	—	—	135	1	1	1	1
Kapuskasing	1	82	1	1	1	130	1	1
Kenora	1	81	1	1	1	1	1	1
Keswick	1	130	1	131	129	1	1	1
Kincardine	1	1	126	1	1	1	1	116
King City	103	1	1	1	1	132	1	1
Kingston	93	1	97	1	1	83	121	1
Kingsville	1	1	1	1	1	1	1	137
Kirkland Lake	1	1	1	129	1	1	1	127
Kitchener	106	123	1	1	1	109	1	1
Leamington	90	1	115	114	125	125	124	113
Lindsay	1	99	95	1	100	1	100	90
Listowel	1	1	1	1	134	1	132	1
Lively	133	84	94	1	1	1	1	1
London	114	101	117	106	1	106	90	109
Manotick	1	1	134	1	1	1	1	1
Maple	98	1	128	122	135	116	128	1
Markham	111	83	113	108	88	103	105	115
Meaford	1	1	1	1	1	1	1	1

Postoperative Pulmonary Embolism or Deep Vein Thrombosis: Rank by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Midland	1	1	124	1	1	1	1	1
Milton	1	1	104	125	126	1	1	1
Mississauga	81	94	1	1	109	1	101	92
Napanee	124	1	1	118	1	1	130	1
Navan	1	85	1	1	1	1	1	1
New Hamburg	—	—	—	—	—	136	1	1
Newmarket	1	1	1	1	127	85	106	1
Niagara Falls	118	122	90	85	83	97	98	104
North Bay	85	1	82	1	106	1	89	1
North York	115	109	107	103	128	102	129	105
Oakville	79	105	119	113	1	82	94	1
Orangeville	117	1	1	1	122	99	1	1
Orillia	1	126	1	98	98	1	133	114
Oshawa	1	1	1	91	86	94	1	1
Ottawa	101	95	102	87	108	1	93	91
Owen Sound	1	1	1	1	1	113	1	1
Paris	131	1	1	1	1	1	1	1
Parry Sound	1	1	1	1	1	1	1	1
Pembroke	1	129	1	115	114	1	1	120
Penetanguishene	129	1	1	126	1	1	131	130
Perth	1	1	86	1	1	1	1	1
Petawawa	92	1	133	1	1	1	1	138
Peterborough	1	115	1	1	91	1	96	1
Pickering	78	110	1	100	118	112	122	1
Port Colborne	1	133	1	1	119	1	111	1
Port Hope	126	1	1	1	1	121	1	1
Port Perry	1	1	81	134	1	119	1	1
Port Stanley	1	1	1	1	1	1	1	1
Renfrew	1	1	1	1	1	115	1	1
Richmond Hill	95	114	1	82	1	80	1	1
Rockland	1	89	1	1	1	1	1	135
Russell	1	1	1	104	1	93	1	1
Sarnia	104	1	99	99	117	1	1	1
Sault Ste. Marie	1	92	1	97	105	1	1	85
Scarborough	102	111	103	105	123	1	107	94
Simcoe	1	1	1	116	1	1	116	111
Sioux Lookout	1	1	85	92	1	1	1	1
Smiths Falls	119	1	123	1	1	120	1	1
St. Catharine	105	1	1	1	107	1	103	1
St. Mary's	1	1	1	127	1	1	1	1
St. Thomas	120	106	109	1	133	1	112	118
Stouffville	127	1	129	1	1	1	1	1
Stratford	113	104	111	1	116	98	97	1
Strathroy	125	124	122	1	1	1	1	117
Sturgeon	—	—	—	—	1	127	1	125
Sudbury	77	1	1	1	80	1	91	1
Thornhill	1	1	1	77	96	1	1	102
Thunder Bay	1	116	120	90	1	104	92	86
Tillsonburg	1	119	1	1	111	1	1	133
Timmins	122	1	1	1	124	92	1	1
Toronto	94	80	106	96	97	101	113	101
Trenton	116	117	1	112	1	124	120	124
Uxbridge	1	1	1	124	1	1	1	1
Val Caron	87	103	1	80	90	1	137	1
Wallaceburg	121	1	1	121	1	1	127	1
Wasaga Beach	—	—	—	—	—	—	—	1
Welland	1	118	1	1	93	105	125	83
Weston	1	1	110	1	81	91	1	1
Whitby	96	121	92	83	84	1	1	1
Willowdale	97	1	1	101	102	1	95	1
Windsor	112	120	116	86	120	100	114	97
Woodbridge	1	1	1	102	1	1	1	106
Woodstock	76	1	125	1	132	107	99	89
Rural	89	90	89	88	94	79	1	84
Other	123	112	1	1	99	87	102	95

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"—" indicates no data were available for that facility for that year or that the institution did not exist in that year

Postoperative Wound Dehiscence: Rank by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Acton	1	1	1	1	130	—	—	—
Ajax	95	1	1	95	1	—	—	—
Alliston	128	124	1	1	1	—	—	—
Amherstburg	114	115	125	125	1	—	—	—
Arnprior	1	1	124	1	1	—	—	—
Aurora	1	109	107	132	104	—	—	—
Aylmer West	132	119	1	1	1	—	—	—
Barrie	1	68	100	84	1	—	—	—
Belleville	102	79	1	1	93	—	—	—
Bolton	1	1	1	1	119	—	—	—
Bowmanville	109	91	74	102	120	—	—	—
Bracebridge	1	1	1	1	1	—	—	—
Bradford	1	1	1	1	135	—	—	—
Brampton	70	1	73	82	75	—	—	—
Brantford	87	103	91	1	1	—	—	—
Brockville	131	128	1	126	1	—	—	—
Burlington	88	65	93	79	91	—	—	—
Caledon	68	1	72	83	1	—	—	—
Caledonia	1	1	1	133	1	—	—	—
Cambridge	69	90	78	1	1	—	—	—
Carleton Place	1	125	1	1	1	—	—	—
Chatham	120	126	114	88	81	—	—	—
Cobourg	1	132	1	1	113	—	—	—
Collingwood	119	1	108	1	1	—	—	—
Concord	1	1	1	1	134	—	—	—
Cornwall	97	133	121	120	107	—	—	—
Cumberland	1	1	68	1	1	—	—	—
Delhi	1	1	1	1	133	—	—	—
Downsview	85	81	76	86	99	—	—	—
Dryden	1	1	1	1	1	—	—	—
Dunnville	1	120	1	1	1	—	—	—
East Gwillimbury	1	1	131	1	1	—	—	—
Elliot Lake	1	118	1	124	116	—	—	—
Elmira	1	1	1	1	1	—	—	—
Espanola	1	1	1	1	1	—	—	—
Essex	1	1	126	1	1	—	—	—
Etobicoke	1	92	112	96	79	—	—	—
Fergus	1	1	1	1	1	—	—	—
Fort Erie	118	1	113	121	127	—	—	—
Fort Frances	1	127	1	1	1	—	—	—
Gananoque	1	129	1	1	131	—	—	—
Garson	1	64	1	1	1	—	—	—
Georgetown	93	94	99	1	105	—	—	—
Goderich	112	1	1	1	1	—	—	—
Gravenhurst	1	1	1	1	117	—	—	—
Greely	1	1	1	1	1	—	—	—
Grimsby	115	1	1	1	109	—	—	—
Guelph	84	77	67	116	84	—	—	—
Hamilton	82	99	70	110	80	—	—	—
Hanmer	1	1	1	1	132	—	—	—
Hanover	122	117	1	1	1	—	—	—
Hawkesbury	126	1	1	130	1	—	—	—
Huntsville	1	1	1	1	1	—	—	—
Ingersoll	1	1	1	1	1	—	—	—
Innisfil	—	—	—	134	1	—	—	—
Kapuskasing	116	1	115	128	1	—	—	—
Kenora	1	1	1	1	1	—	—	—
Keswick	1	130	1	1	126	—	—	—
Kincardine	1	1	123	1	1	—	—	—
King City	133	1	1	1	1	—	—	—
Kingston	1	122	1	94	1	—	—	—
Kingsville	1	1	122	1	1	—	—	—
Kirkland Lake	1	134	1	1	128	—	—	—
Kitchener	67	87	95	1	89	—	—	—
Leamington	98	1	100	1	98	—	—	—
Lindsay	80	80	111	1	1	—	—	—
Listowel	1	1	127	1	1	—	—	—
Lively	1	1	1	1	1	—	—	—
London	90	89	89	100	82	—	—	—
Manotick	1	1	132	1	1	—	—	—
Maple	1	1	1	1	1	—	—	—
Markham	72	84	102	87	115	—	—	—
Meaford	1	1	1	1	1	—	—	—

Postoperative Wound Dehiscence: Rank by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Midland	1	1	1	1	1	—	—	—
Milton	113	1	106	115	1	—	—	—
Mississauga	99	85	79	91	86	—	—	—
Napanee	1	1	1	123	122	—	—	—
Navan	1	1	69	1	1	—	—	—
New Hamburg	—	—	—	—	—	—	—	—
Newmarket	111	111	1	98	110	—	—	—
Niagara Falls	94	97	87	85	1	—	—	—
North Bay	1	93	94	107	114	—	—	—
North York	108	1	71	119	77	—	—	—
Oakville	78	73	1	1	101	—	—	—
Orangeville	123	1	117	105	95	—	—	—
Orillia	107	105	1	90	121	—	—	—
Oshawa	73	98	92	112	83	—	—	—
Ottawa	83	74	1	81	87	—	—	—
Owen Sound	1	1	90	122	1	—	—	—
Paris	1	121	1	1	1	—	—	—
Parry Sound	1	112	109	1	1	—	—	—
Pembroke	124	101	1	1	111	—	—	—
Penetanguishene	1	1	1	1	1	—	—	—
Perth	117	116	1	1	1	—	—	—
Petawawa	1	1	130	1	1	—	—	—
Peterborough	127	108	116	1	100	—	—	—
Pickering	100	100	81	92	124	—	—	—
Port Colborne	1	102	1	111	1	—	—	—
Port Hope	121	1	1	135	1	—	—	—
Port Perry	125	1	128	1	1	—	—	—
Port Stanley	134	1	133	1	1	—	—	—
Renfrew	130	123	1	131	1	—	—	—
Richmond Hill	1	67	75	1	1	—	—	—
Rockland	129	131	1	1	1	—	—	—
Russell	1	1	134	80	74	—	—	—
Sarnia	110	86	96	117	106	—	—	—
Sault Ste. Marie	96	63	119	103	1	—	—	—
Scarborough	79	75	98	97	97	—	—	—
Simcoe	1	1	1	1	1	—	—	—
Sioux Lookout	1	1	1	1	1	—	—	—
Smiths Falls	106	110	118	1	1	—	—	—
St. Catharine	71	66	88	1	85	—	—	—
St. Mary's	1	1	1	1	1	—	—	—
St. Thomas	1	113	77	1	1	—	—	—
Stouffville	1	1	1	1	125	—	—	—
Stratford	91	1	120	1	1	—	—	—
Strathroy	1	1	1	1	123	—	—	—
Sturgeon	—	—	—	—	1	—	—	—
Sudbury	1	88	84	1	112	—	—	—
Thornhill	89	70	1	1	76	—	—	—
Thunder Bay	81	95	97	114	92	—	—	—
Tillsonburg	105	106	105	108	1	—	—	—
Timmins	101	83	83	127	90	—	—	—
Toronto	74	78	86	113	94	—	—	—
Trenton	92	107	103	118	1	—	—	—
Uxbridge	1	1	1	1	129	—	—	—
Val Caron	1	1	1	1	1	—	—	—
Wallaceburg	1	1	129	1	136	—	—	—
Wasaga Beach	—	—	—	—	—	—	—	—
Welland	104	96	1	129	103	—	—	—
Weston	76	69	1	1	1	—	—	—
Whitby	1	114	82	104	108	—	—	—
Willowdale	75	71	1	101	88	—	—	—
Windsor	66	72	110	89	78	—	—	—
Woodbridge	1	1	1	93	118	—	—	—
Woodstock	103	104	104	109	1	—	—	—
Rural	86	76	85	99	96	—	—	—
Other	77	82	80	106	102	—	—	—

Note: It is not possible to compare data from 1997-2001 with data from 2002-2004 because of the change in coding classification from ICD9CCP to ICD10CA in FY2002

"—" indicates no data were available for that facility for that year or that the institution did not exist in that year

Birth Trauma, Injury to Neonate: Rank by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Acton	1	1	34	42	124	99	81	23
Ajax	83	73	67	83	95	104	102	78
Alliston	1	1	85	98	1	117	134	134
Amherstburg	79	104	1	122	85	58	30	126
Arnprior	109	1	100	1	1	1	118	132
Aurora	68	69	96	112	1	60	100	41
Aylmer West	81	87	81	1	83	70	59	21
Barrie	73	105	47	53	102	69	33	50
Belleville	104	1	71	1	31	46	117	113
Bolton	96	56	56	117	79	63	112	72
Bowmanville	66	49	46	92	117	66	84	88
Bracebridge	1	1	1	47	37	1	85	103
Bradford	119	113	66	93	98	62	43	42
Brampton	53	62	80	54	77	47	53	67
Brantford	48	70	49	65	58	89	94	71
Brockville	65	1	65	67	1	110	39	100
Burlington	102	71	126	108	114	119	101	80
Caledon	1	1	39	1	1	27	1	1
Caledonia	129	129	122	130	131	133	132	129
Cambridge	126	125	121	95	107	92	61	92
Carleton Place	86	91	1	45	86	123	115	125
Chatham	50	68	98	62	118	38	64	102
Cobourg	117	84	72	1	1	32	32	86
Collingwood	1	79	77	81	40	33	1	27
Concord	110	110	99	126	76	49	46	74
Cornwall	52	86	90	80	59	106	127	123
Cumberland	1	1	1	46	52	112	1	1
Delhi	114	1	114	47	41	72	25	89
Downsview	71	55	84	76	92	96	77	95
Dryden	112	1	1	1	1	19	120	133
Dunnville	122	100	129	129	128	127	124	1
East Gwillimbury	40	1	101	111	112	28	78	1
Elliot Lake	1	40	1	1	125	1	23	1
Elmira	105	1	1	1	1	20	123	66
Espanola	1	1	43	1	50	1	111	1
Essex	108	108	102	105	113	105	44	77
Etobicoke	82	61	54	71	74	81	54	83
Fergus	115	123	125	1	89	134	129	137
Fort Erie	132	132	132	131	134	130	83	57
Fort Frances	121	94	118	125	104	124	113	131
Gananoque	1	43	124	1	123	78	1	1
Garson	1	127	1	1	48	75	1	1
Georgetown	77	106	113	115	101	94	98	121
Goderich	1	102	1	106	110	56	104	128
Gravenhurst	118	37	1	113	1	128	108	31
Greely	128	1	116	1	36	1	107	122
Grimsby	120	122	110	121	127	131	114	75
Guelph	61	101	60	118	84	126	106	117
Hamilton	130	128	128	128	129	135	133	108
Hanmer	37	114	1	43	1	76	75	1
Hanover	47	44	1	1	120	1	18	98
Hawkesbury	1	1	93	104	1	98	1	124
Huntsville	42	42	1	100	1	1	45	68
Ingersoll	89	1	1	44	93	42	37	59
Innisfil	—	—	—	41	75	51	87	93
Kapuskasing	1	1	45	1	1	22	21	1
Kenora	92	93	1	1	1	121	130	24
Keswick	95	112	105	82	119	109	103	55
Kincardine	1	38	37	49	1	25	1	91
King City	43	1	1	1	121	116	1	111
Kingston	57	47	48	61	78	95	96	84
Kingsville	44	97	38	1	1	40	122	62
Kirkland Lake	1	1	1	1	1	23	1	32
Kitchener	116	121	82	63	61	93	56	61
Leamington	59	63	57	56	38	1	109	1
Lindsay	127	131	130	132	133	132	137	136
Listowel	1	1	1	124	34	1	121	104
Lively	1	45	1	1	51	1	1	1
London	70	83	119	77	97	101	66	48
Manotick	1	1	41	1	46	1	136	1
Maple	1	115	115	103	103	68	52	58
Markham	74	58	58	87	66	73	76	65
Meaford	1	1	1	127	1	1	131	21

Birth Trauma, Injury to Neonate: Rank by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Midland	1	1	1	84	33	1	1	25
Milton	1	72	1	97	1	45	35	38
Mississauga	67	64	61	60	68	77	72	76
Napanee	1	1	89	90	99	21	86	1
Navan	1	126	40	1	1	1	97	30
New Hamburg	—	—	—	—	—	1	91	73
Newmarket	97	65	73	88	71	74	41	46
Niagara Falls	100	98	108	107	70	64	50	79
North Bay	1	52	68	1	31	86	71	1
North York	72	59	94	99	96	122	62	114
Oakville	87	111	78	74	100	41	27	45
Orangeville	99	1	86	116	80	82	38	116
Orillia	80	1	1	79	94	97	105	115
Oshawa	60	48	50	1	65	44	88	63
Ottawa	91	74	63	55	57	85	79	119
Owen Sound	1	1	1	1	72	1	19	1
Paris	1	99	1	101	1	107	90	120
Parry Sound	38	1	1	1	1	55	40	109
Pembroke	1	92	92	1	1	111	47	43
Penetanguishene	41	117	42	96	105	59	42	1
Perth	106	95	95	1	1	52	20	90
Petawawa	1	75	1	1	45	54	65	101
Peterborough	56	50	55	51	55	125	92	96
Pickering	98	76	51	66	60	115	95	70
Port Colborne	133	133	134	135	136	136	82	28
Port Hope	1	1	91	1	1	39	110	118
Port Perry	131	130	131	133	130	129	135	138
Port Stanley	1	46	44	1	132	26	24	33
Renfrew	1	103	36	102	44	48	55	130
Richmond Hill	62	109	64	86	69	34	36	56
Rockland	124	1	1	1	116	1	1	60
Russell	1	120	35	1	1	90	1	106
Sarnia	36	51	76	1	56	29	34	40
Sault Ste. Marie	49	78	103	68	64	30	60	52
Scarborough	101	89	111	119	111	120	119	110
Simcoe	78	77	70	1	47	35	17	1
Sioux Lookout	45	1	1	1	122	87	1	1
Smiths Falls	1	41	1	1	43	24	69	53
St. Catharine	113	96	117	114	109	84	70	99
St. Mary's	39	39	123	109	1	1	116	85
St. Thomas	54	53	88	70	90	67	51	35
Stouffville	111	36	1	73	115	61	74	54
Stratford	103	1	62	57	62	50	48	51
Strathroy	1	82	75	123	39	88	31	105
Sturgeon	—	—	—	—	41	108	1	29
Sudbury	63	85	53	50	54	31	28	37
Thornhill	51	81	112	58	53	65	29	39
Thunder Bay	125	124	127	120	126	114	126	127
Tillsonburg	90	1	106	78	108	57	63	26
Timmins	55	54	107	75	1	53	26	135
Toronto	85	88	79	72	73	71	73	94
Trenton	93	1	1	1	49	43	125	97
Uxbridge	94	118	83	91	1	118	128	112
Val Caron	46	116	1	1	1	113	22	34
Wallaceburg	84	80	120	1	35	36	1	49
Wasaga Beach	—	—	—	—	—	—	—	1
Welland	134	134	133	134	135	137	99	81
Weston	88	90	69	64	88	83	49	69
Whitby	64	66	52	59	82	91	68	87
Willowdale	69	67	59	69	67	37	57	64
Windsor	58	57	74	85	81	103	58	82
Woodbridge	75	60	87	89	63	80	89	44
Woodstock	76	1	109	52	91	100	67	36
Rural	107	107	97	94	106	102	93	107
Other	123	119	104	110	87	79	80	47

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"—" indicates no data were available for that facility for that year or that the institution did not exist in that year

Obstetric Trauma, Vaginal with Instrument: Rank by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Acton	—	—	—	—	—	1	1	1
Ajax	—	—	—	—	—	81	94	38
Alliston	—	—	—	—	—	97	1	114
Amherstburg	—	—	—	—	—	24	38	18
Arnprior	—	—	—	—	—	111	105	105
Aurora	—	—	—	—	—	75	49	65
Aylmer West	—	—	—	—	—	113	96	69
Barrie	—	—	—	—	—	19	78	78
Belleville	—	—	—	—	—	46	55	26
Bolton	—	—	—	—	—	77	67	79
Bowmanville	—	—	—	—	—	27	48	90
Bracebridge	—	—	—	—	—	—	22	117
Bradford	—	—	—	—	—	106	114	102
Brampton	—	—	—	—	—	20	44	44
Brantford	—	—	—	—	—	87	98	57
Brockville	—	—	—	—	—	70	42	54
Burlington	—	—	—	—	—	34	52	33
Caledon	—	—	—	—	—	—	1	—
Caledonia	—	—	—	—	—	107	51	30
Cambridge	—	—	—	—	—	17	79	61
Carleton Place	—	—	—	—	—	110	118	1
Chatham	—	—	—	—	—	105	39	19
Cobourg	—	—	—	—	—	80	47	27
Collingwood	—	—	—	—	—	32	1	115
Concord	—	—	—	—	—	36	30	32
Cornwall	—	—	—	—	—	15	1	14
Cumberland	—	—	—	—	—	—	—	—
Delhi	—	—	—	—	—	86	1	116
Downsview	—	—	—	—	—	18	61	49
Dryden	—	—	—	—	—	—	110	23
Dunnville	—	—	—	—	—	1	26	108
East Gwillimbury	—	—	—	—	—	98	113	1
Elliot Lake	—	—	—	—	—	—	—	—
Elmira	—	—	—	—	—	—	23	88
Espanola	—	—	—	—	—	—	25	—
Essex	—	—	—	—	—	104	32	71
Etobicoke	—	—	—	—	—	60	93	86
Fergus	—	—	—	—	—	1	1	39
Fort Erie	—	—	—	—	—	1	126	56
Fort Frances	—	—	—	—	—	74	37	46
Gananoque	—	—	—	—	—	84	109	100
Garson	—	—	—	—	—	—	24	—
Georgetown	—	—	—	—	—	45	27	51
Goderich	—	—	—	—	—	117	89	—
Gravenhurst	—	—	—	—	—	83	—	—
Greely	—	—	—	—	—	109	100	63
Grimsby	—	—	—	—	—	101	95	106
Guelph	—	—	—	—	—	73	65	103
Hamilton	—	—	—	—	—	78	87	94
Hanmer	—	—	—	—	—	14	83	1
Hanover	—	—	—	—	—	—	120	—
Hawkesbury	—	—	—	—	—	1	1	111
Huntsville	—	—	—	—	—	55	1	99
Ingersoll	—	—	—	—	—	42	62	92
Innisfil	—	—	—	—	—	1	35	101
Kapuskasing	—	—	—	—	—	118	92	—
Kenora	—	—	—	—	—	33	119	43
Keswick	—	—	—	—	—	100	85	96
Kincardine	—	—	—	—	—	—	53	83
King City	—	—	—	—	—	85	29	1
Kingston	—	—	—	—	—	58	91	84
Kingsville	—	—	—	—	—	63	116	29
Kirkland Lake	—	—	—	—	—	12	127	—
Kitchener	—	—	—	—	—	53	80	68
Leamington	—	—	—	—	—	61	88	20
Lindsay	—	—	—	—	—	—	21	16
Listowel	—	—	—	—	—	57	125	113
Lively	—	—	—	—	—	—	1	—
London	—	—	—	—	—	96	104	66
Manotick	—	—	—	—	—	—	89	98
Maple	—	—	—	—	—	38	33	42
Markham	—	—	—	—	—	67	82	80
Meaford	—	—	—	—	—	—	131	—

Obstetric Trauma, Vaginal with Instrument: Rank by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Midland	—	—	—	—	—	1	1	36
Milton	—	—	—	—	—	65	103	45
Mississauga	—	—	—	—	—	44	66	75
Napanee	—	—	—	—	—	28	53	—
Navan	—	—	—	—	—	114	128	—
New Hamburg	—	—	—	—	—	—	—	93
Newmarket	—	—	—	—	—	93	84	52
Niagara Falls	—	—	—	—	—	30	63	40
North Bay	—	—	—	—	—	25	28	1
North York	—	—	—	—	—	62	73	81
Oakville	—	—	—	—	—	88	99	95
Orangeville	—	—	—	—	—	21	59	25
Orillia	—	—	—	—	—	66	107	17
Oshawa	—	—	—	—	—	50	76	67
Ottawa	—	—	—	—	—	68	97	87
Owen Sound	—	—	—	—	—	72	115	82
Paris	—	—	—	—	—	115	102	1
Parry Sound	—	—	—	—	—	13	122	—
Pembroke	—	—	—	—	—	49	71	21
Penetanguishene	—	—	—	—	—	29	1	62
Perth	—	—	—	—	—	—	117	47
Petawawa	—	—	—	—	—	47	1	1
Peterborough	—	—	—	—	—	48	57	60
Pickering	—	—	—	—	—	76	70	24
Port Colborne	—	—	—	—	—	40	64	1
Port Hope	—	—	—	—	—	92	106	73
Port Perry	—	—	—	—	—	90	81	1
Port Stanley	—	—	—	—	—	—	—	—
Renfrew	—	—	—	—	—	54	130	15
Richmond Hill	—	—	—	—	—	22	68	31
Rockland	—	—	—	—	—	116	86	76
Russell	—	—	—	—	—	89	1	—
Sarnia	—	—	—	—	—	31	108	91
Sault Ste. Marie	—	—	—	—	—	37	112	112
Scarborough	—	—	—	—	—	69	69	70
Simcoe	—	—	—	—	—	10	1	109
Sioux Lookout	—	—	—	—	—	102	129	—
Smiths Falls	—	—	—	—	—	11	111	22
St. Catharine	—	—	—	—	—	52	31	34
St. Mary's	—	—	—	—	—	—	1	—
St. Thomas	—	—	—	—	—	99	121	107
Stouffville	—	—	—	—	—	23	1	97
Stratford	—	—	—	—	—	1	1	1
Strathroy	—	—	—	—	—	103	123	77
Sturgeon	—	—	—	—	—	82	1	13
Sudbury	—	—	—	—	—	64	36	58
Thornhill	—	—	—	—	—	26	40	48
Thunder Bay	—	—	—	—	—	94	101	110
Tillsonburg	—	—	—	—	—	108	43	89
Timmins	—	—	—	—	—	95	34	74
Toronto	—	—	—	—	—	59	72	85
Trenton	—	—	—	—	—	1	60	55
Uxbridge	—	—	—	—	—	56	1	41
Val Caron	—	—	—	—	—	—	—	—
Wallaceburg	—	—	—	—	—	91	124	12
Wasaga Beach	—	—	—	—	—	—	—	—
Welland	—	—	—	—	—	16	45	50
Weston	—	—	—	—	—	41	75	37
Whitby	—	—	—	—	—	51	58	35
Willowdale	—	—	—	—	—	39	41	64
Windsor	—	—	—	—	—	43	50	53
Woodbridge	—	—	—	—	—	35	56	28
Woodstock	—	—	—	—	—	112	46	104
Rural	—	—	—	—	—	71	74	59
Other	—	—	—	—	—	79	77	72

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Obstetric Trauma, Vaginal without Instrument: Rank by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Acton	—	—	—	—	—	11	117	15
Ajax	—	—	—	—	—	70	51	44
Alliston	—	—	—	—	—	123	98	125
Amherstburg	—	—	—	—	—	99	33	35
Arnprior	—	—	—	—	—	7	9	17
Aurora	—	—	—	—	—	113	88	46
Aylmer West	—	—	—	—	—	111	118	26
Barrie	—	—	—	—	—	42	24	27
Belleville	—	—	—	—	—	89	61	24
Bolton	—	—	—	—	—	84	28	50
Bowmanville	—	—	—	—	—	90	32	51
Bracebridge	—	—	—	—	—	62	59	121
Bradford	—	—	—	—	—	132	92	41
Brampton	—	—	—	—	—	40	46	54
Brantford	—	—	—	—	—	94	124	105
Brockville	—	—	—	—	—	122	64	34
Burlington	—	—	—	—	—	53	67	95
Caledon	—	—	—	—	—	23	12	23
Caledonia	—	—	—	—	—	131	128	126
Cambridge	—	—	—	—	—	38	29	81
Carleton Place	—	—	—	—	—	118	42	15
Chatham	—	—	—	—	—	82	77	47
Cobourg	—	—	—	—	—	20	83	52
Collingwood	—	—	—	—	—	9	108	115
Concord	—	—	—	—	—	49	73	29
Cornwall	—	—	—	—	—	35	27	14
Cumberland	—	—	—	—	—	16	11	120
Delhi	—	—	—	—	—	66	1	40
Downsview	—	—	—	—	—	39	20	37
Dryden	—	—	—	—	—	46	39	60
Dunnville	—	—	—	—	—	136	110	114
East Gwillimbury	—	—	—	—	—	58	53	72
Elliot Lake	—	—	—	—	—	120	104	1
Elmira	—	—	—	—	—	32	81	127
Espanola	—	—	—	—	—	1	8	10
Essex	—	—	—	—	—	10	125	116
Etobicoke	—	—	—	—	—	60	63	53
Fergus	—	—	—	—	—	95	123	93
Fort Erie	—	—	—	—	—	1	45	18
Fort Frances	—	—	—	—	—	107	133	1
Gananoque	—	—	—	—	—	12	121	118
Garson	—	—	—	—	—	6	1	74
Georgetown	—	—	—	—	—	25	21	55
Goderich	—	—	—	—	—	47	25	1
Gravenhurst	—	—	—	—	—	129	75	119
Greely	—	—	—	—	—	72	113	21
Grimsby	—	—	—	—	—	135	100	113
Guelph	—	—	—	—	—	85	89	68
Hamilton	—	—	—	—	—	103	58	79
Hanmer	—	—	—	—	—	26	5	1
Hanover	—	—	—	—	—	1	94	136
Hawkesbury	—	—	—	—	—	24	115	1
Huntsville	—	—	—	—	—	116	85	28
Ingersoll	—	—	—	—	—	67	17	12
Innisfil	—	—	—	—	—	14	105	43
Kapuskasing	—	—	—	—	—	59	1	94
Kenora	—	—	—	—	—	28	120	1
Keswick	—	—	—	—	—	98	36	13
Kincardine	—	—	—	—	—	126	137	11
King City	—	—	—	—	—	75	74	25
Kingston	—	—	—	—	—	71	50	33
Kingsville	—	—	—	—	—	130	131	129
Kirkland Lake	—	—	—	—	—	100	106	135
Kitchener	—	—	—	—	—	83	60	58
Leamington	—	—	—	—	—	137	135	132
Lindsay	—	—	—	—	—	102	109	130
Listowel	—	—	—	—	—	31	79	1
Lively	—	—	—	—	—	125	13	123
London	—	—	—	—	—	112	103	87
Manotick	—	—	—	—	—	19	14	80
Maple	—	—	—	—	—	34	23	85
Markham	—	—	—	—	—	101	93	86
Meaford	—	—	—	—	—	57	129	117

Obstetric Trauma, Vaginal without Instrument: Rank by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Midland	—	—	—	—	—	124	49	124
Milton	—	—	—	—	—	55	122	65
Mississauga	—	—	—	—	—	50	44	71
Napanee	—	—	—	—	—	105	136	134
Navan	—	—	—	—	—	15	10	133
New Hamburg	—	—	—	—	—	127	7	45
Newmarket	—	—	—	—	—	133	62	89
Niagara Falls	—	—	—	—	—	22	78	30
North Bay	—	—	—	—	—	18	15	59
North York	—	—	—	—	—	92	86	103
Oakville	—	—	—	—	—	68	95	78
Orangeville	—	—	—	—	—	87	80	32
Orillia	—	—	—	—	—	63	90	42
Oshawa	—	—	—	—	—	73	40	38
Ottawa	—	—	—	—	—	93	114	104
Owen Sound	—	—	—	—	—	110	130	122
Paris	—	—	—	—	—	121	134	69
Parry Sound	—	—	—	—	—	44	31	131
Pembroke	—	—	—	—	—	43	87	62
Penetanguishene	—	—	—	—	—	134	38	137
Perth	—	—	—	—	—	5	26	73
Petawawa	—	—	—	—	—	8	55	98
Peterborough	—	—	—	—	—	115	102	91
Pickering	—	—	—	—	—	61	56	100
Port Colborne	—	—	—	—	—	117	71	36
Port Hope	—	—	—	—	—	69	34	48
Port Perry	—	—	—	—	—	97	99	107
Port Stanley	—	—	—	—	—	17	6	—
Renfrew	—	—	—	—	—	86	30	56
Richmond Hill	—	—	—	—	—	79	76	61
Rockland	—	—	—	—	—	106	72	66
Russell	—	—	—	—	—	74	101	97
Sarnia	—	—	—	—	—	104	107	111
Sault Ste. Marie	—	—	—	—	—	109	119	101
Scarborough	—	—	—	—	—	108	82	112
Simcoe	—	—	—	—	—	21	127	57
Sioux Lookout	—	—	—	—	—	80	68	88
Smiths Falls	—	—	—	—	—	51	132	70
St. Catharine	—	—	—	—	—	36	43	76
St. Mary's	—	—	—	—	—	13	112	49
St. Thomas	—	—	—	—	—	128	111	84
Stouffville	—	—	—	—	—	27	116	108
Stratford	—	—	—	—	—	114	84	77
Strathroy	—	—	—	—	—	96	18	64
Sturgeon	—	—	—	—	—	77	65	1
Sudbury	—	—	—	—	—	33	19	20
Thornhill	—	—	—	—	—	52	41	90
Thunder Bay	—	—	—	—	—	64	22	63
Tillsonburg	—	—	—	—	—	29	16	22
Timmins	—	—	—	—	—	30	126	106
Toronto	—	—	—	—	—	91	70	102
Trenton	—	—	—	—	—	37	47	110
Uxbridge	—	—	—	—	—	41	66	19
Val Caron	—	—	—	—	—	4	1	9
Wallaceburg	—	—	—	—	—	119	37	75
Wasaga Beach	—	—	—	—	—	—	—	128
Welland	—	—	—	—	—	78	91	92
Weston	—	—	—	—	—	48	52	99
Whitby	—	—	—	—	—	56	35	109
Willowdale	—	—	—	—	—	81	48	83
Windsor	—	—	—	—	—	76	69	82
Woodbridge	—	—	—	—	—	65	54	31
Woodstock	—	—	—	—	—	45	97	39
Rural	—	—	—	—	—	88	96	96
Other	—	—	—	—	—	54	57	67

Note: It is not possible to compare data from 1997-2001 with data from 2002-2004 because of the change in coding classification from ICD9CCP to ICD10CA in FY2002

"—" indicates no data were available for that facility for that year or that the institution did not exist in that year

Obstetric Trauma, Cesarean Section: Rank by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Acton	—	—	—	—	—	1	1	1
Ajax	—	—	—	—	—	90	1	98
Alliston	—	—	—	—	—	125	1	132
Amherstburg	—	—	—	—	—	1	1	1
Arnprior	—	—	—	—	—	132	1	1
Aurora	—	—	—	—	—	122	98	101
Aylmer West	—	—	—	—	—	1	59	137
Barrie	—	—	—	—	—	119	110	105
Belleville	—	—	—	—	—	1	96	104
Bolton	—	—	—	—	—	102	99	1
Bowmanville	—	—	—	—	—	92	1	1
Bracebridge	—	—	—	—	—	1	1	1
Bradford	—	—	—	—	—	1	1	1
Brampton	—	—	—	—	—	87	81	84
Brantford	—	—	—	—	—	95	115	106
Brockville	—	—	—	—	—	114	120	114
Burlington	—	—	—	—	—	115	82	110
Caledon	—	—	—	—	—	1	1	1
Caledonia	—	—	—	—	—	1	130	1
Cambridge	—	—	—	—	—	88	75	108
Carleton Place	—	—	—	—	—	1	1	122
Chatham	—	—	—	—	—	111	113	1
Cobourg	—	—	—	—	—	1	112	1
Collingwood	—	—	—	—	—	1	119	1
Concord	—	—	—	—	—	1	1	116
Cornwall	—	—	—	—	—	79	64	78
Cumberland	—	—	—	—	—	1	1	138
Delhi	—	—	—	—	—	1	61	75
Downsview	—	—	—	—	—	104	77	82
Dryden	—	—	—	—	—	1	55	1
Dunnville	—	—	—	—	—	1	54	1
East Gwillimbury	—	—	—	—	—	1	1	1
Elliot Lake	—	—	—	—	—	80	69	74
Elmira	—	—	—	—	—	1	1	1
Espanola	—	—	—	—	—	1	1	1
Essex	—	—	—	—	—	1	1	1
Etobicoke	—	—	—	—	—	100	78	83
Fergus	—	—	—	—	—	1	1	120
Fort Erie	—	—	—	—	—	1	1	1
Fort Frances	—	—	—	—	—	65	62	76
Gananoque	—	—	—	—	—	135	132	136
Garson	—	—	—	—	—	1	1	72
Georgetown	—	—	—	—	—	1	97	118
Goderich	—	—	—	—	—	1	1	135
Gravenhurst	—	—	—	—	—	1	65	68
Greely	—	—	—	—	—	1	131	1
Grimsby	—	—	—	—	—	121	129	115
Guelph	—	—	—	—	—	120	91	97
Hamilton	—	—	—	—	—	107	88	126
Hanmer	—	—	—	—	—	1	1	1
Hanover	—	—	—	—	—	130	135	134
Hawkesbury	—	—	—	—	—	134	1	133
Huntsville	—	—	—	—	—	1	128	121
Ingersoll	—	—	—	—	—	1	127	1
Innisfil	—	—	—	—	—	1	108	117
Kapuskasing	—	—	—	—	—	78	70	73
Kenora	—	—	—	—	—	1	57	70
Keswick	—	—	—	—	—	1	1	1
Kincardine	—	—	—	—	—	1	1	1
King City	—	—	—	—	—	1	136	1
Kingston	—	—	—	—	—	128	125	123
Kingsville	—	—	—	—	—	1	1	1
Kirkland Lake	—	—	—	—	—	82	56	67
Kitchener	—	—	—	—	—	1	72	80
Leamington	—	—	—	—	—	1	105	1
Lindsay	—	—	—	—	—	76	1	1
Listowel	—	—	—	—	—	133	122	129
Lively	—	—	—	—	—	73	1	65
London	—	—	—	—	—	118	111	109
Manotick	—	—	—	—	—	1	1	1
Maple	—	—	—	—	—	91	100	1
Markham	—	—	—	—	—	84	102	81
Meaford	—	—	—	—	—	66	1	1

Obstetric Trauma, Cesarean Section: Rank by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Midland	—	—	—	—	—	126	1	77
Milton	—	—	—	—	—	129	1	94
Mississauga	—	—	—	—	—	93	85	88
Napanee	—	—	—	—	—	1	123	130
Navan	—	—	—	—	—	1	1	1
New Hamburg	—	—	—	—	—	74	124	1
Newmarket	—	—	—	—	—	99	84	1
Niagara Falls	—	—	—	—	—	1	1	99
North Bay	—	—	—	—	—	1	94	71
North York	—	—	—	—	—	1	95	1
Oakville	—	—	—	—	—	85	80	90
Orangeville	—	—	—	—	—	105	1	1
Orillia	—	—	—	—	—	1	92	1
Oshawa	—	—	—	—	—	86	83	86
Ottawa	—	—	—	—	—	97	109	113
Owen Sound	—	—	—	—	—	124	133	125
Paris	—	—	—	—	—	1	1	1
Parry Sound	—	—	—	—	—	1	118	1
Pembroke	—	—	—	—	—	1	114	128
Penetanguishene	—	—	—	—	—	77	1	1
Perth	—	—	—	—	—	72	126	1
Petawawa	—	—	—	—	—	1	116	131
Peterborough	—	—	—	—	—	116	104	96
Pickering	—	—	—	—	—	89	107	1
Port Colborne	—	—	—	—	—	1	58	1
Port Hope	—	—	—	—	—	1	1	1
Port Perry	—	—	—	—	—	1	1	1
Port Stanley	—	—	—	—	—	—	—	1
Renfrew	—	—	—	—	—	1	1	1
Richmond Hill	—	—	—	—	—	103	71	89
Rockland	—	—	—	—	—	136	1	1
Russell	—	—	—	—	—	1	1	1
Sarnia	—	—	—	—	—	1	1	1
Sault Ste. Marie	—	—	—	—	—	101	87	66
Scarborough	—	—	—	—	—	94	79	87
Simcoe	—	—	—	—	—	1	1	1
Sioux Lookout	—	—	—	—	—	68	60	1
Smiths Falls	—	—	—	—	—	67	1	1
St. Catharine	—	—	—	—	—	1	74	95
St. Mary's	—	—	—	—	—	1	134	1
St. Thomas	—	—	—	—	—	1	1	1
Stouffville	—	—	—	—	—	1	1	124
Stratford	—	—	—	—	—	117	1	1
Strathroy	—	—	—	—	—	123	1	119
Sturgeon	—	—	—	—	—	81	68	1
Sudbury	—	—	—	—	—	1	1	1
Thornhill	—	—	—	—	—	108	76	102
Thunder Bay	—	—	—	—	—	112	101	1
Tillsonburg	—	—	—	—	—	131	66	79
Timmins	—	—	—	—	—	1	67	64
Toronto	—	—	—	—	—	96	86	92
Trenton	—	—	—	—	—	69	117	1
Uxbridge	—	—	—	—	—	127	121	1
Val Caron	—	—	—	—	—	75	1	1
Wallaceburg	—	—	—	—	—	71	63	69
Wasaga Beach	—	—	—	—	—	—	—	1
Welland	—	—	—	—	—	98	1	100
Weston	—	—	—	—	—	1	73	93
Whitby	—	—	—	—	—	109	103	112
Willowdale	—	—	—	—	—	83	90	107
Windsor	—	—	—	—	—	1	89	91
Woodbridge	—	—	—	—	—	113	1	85
Woodstock	—	—	—	—	—	70	1	127
Rural	—	—	—	—	—	106	93	103
Other	—	—	—	—	—	110	106	111

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Obstetric Trauma with 3rd Degree, Vaginal with Instrument: Rank by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Acton	—	—	—	—	—	1	1	1
Ajax	—	—	—	—	—	75	88	31
Alliston	—	—	—	—	—	108	1	113
Amherstburg	—	—	—	—	—	19	91	58
Arnprior	—	—	—	—	—	109	115	103
Aurora	—	—	—	—	—	81	66	83
Aylmer West	—	—	—	—	—	116	87	55
Barrie	—	—	—	—	—	18	68	68
Belleville	—	—	—	—	—	37	56	20
Bolton	—	—	—	—	—	82	69	62
Bowmanville	—	—	—	—	—	20	83	82
Bracebridge	—	—	—	—	—	—	17	117
Bradford	—	—	—	—	—	111	116	99
Brampton	—	—	—	—	—	22	39	40
Brantford	—	—	—	—	—	101	98	47
Brockville	—	—	—	—	—	64	35	43
Burlington	—	—	—	—	—	34	49	32
Caledon	—	—	—	—	—	—	1	—
Caledonia	—	—	—	—	—	102	43	21
Cambridge	—	—	—	—	—	16	75	69
Carleton Place	—	—	—	—	—	107	112	14
Chatham	—	—	—	—	—	106	33	13
Cobourg	—	—	—	—	—	74	59	19
Collingwood	—	—	—	—	—	71	1	114
Concord	—	—	—	—	—	31	30	42
Cornwall	—	—	—	—	—	15	47	12
Cumberland	—	—	—	—	—	—	—	—
Delhi	—	—	—	—	—	85	114	115
Downsview	—	—	—	—	—	25	60	37
Dryden	—	—	—	—	—	—	106	16
Dunnville	—	—	—	—	—	1	19	108
East Gwillimbury	—	—	—	—	—	93	130	46
Elliot Lake	—	—	—	—	—	—	—	—
Elmira	—	—	—	—	—	—	16	76
Espanola	—	—	—	—	—	—	21	—
Essex	—	—	—	—	—	112	25	54
Etobicoke	—	—	—	—	—	77	89	90
Fergus	—	—	—	—	—	1	36	80
Fort Erie	—	—	—	—	—	53	124	49
Fort Frances	—	—	—	—	—	68	32	34
Gananoque	—	—	—	—	—	79	105	98
Garson	—	—	—	—	—	—	20	—
Georgetown	—	—	—	—	—	35	24	38
Goderich	—	—	—	—	—	115	77	—
Gravenhurst	—	—	—	—	—	78	—	—
Greely	—	—	—	—	—	104	92	52
Grimsby	—	—	—	—	—	97	86	105
Guelph	—	—	—	—	—	65	73	104
Hamilton	—	—	—	—	—	83	93	102
Hanmer	—	—	—	—	—	13	111	91
Hanover	—	—	—	—	—	—	129	—
Hawkesbury	—	—	—	—	—	1	1	116
Huntsville	—	—	—	—	—	45	1	95
Ingersoll	—	—	—	—	—	33	50	86
Innisfil	—	—	—	—	—	1	29	96
Kapuskasing	—	—	—	—	—	118	80	—
Kenora	—	—	—	—	—	29	113	33
Keswick	—	—	—	—	—	99	101	100
Kincardine	—	—	—	—	—	—	41	71
King City	—	—	—	—	—	84	22	1
Kingston	—	—	—	—	—	54	95	92
Kingsville	—	—	—	—	—	57	120	22
Kirkland Lake	—	—	—	—	—	11	125	—
Kitchener	—	—	—	—	—	44	71	60
Leamington	—	—	—	—	—	86	74	72
Lindsay	—	—	—	—	—	—	18	8
Listowel	—	—	—	—	—	52	123	112
Lively	—	—	—	—	—	—	1	—
London	—	—	—	—	—	94	100	73
Manotick	—	—	—	—	—	—	77	93
Maple	—	—	—	—	—	43	27	51
Markham	—	—	—	—	—	62	81	79
Meaford	—	—	—	—	—	—	131	—

Obstetric Trauma with 3rd Degree, Vaginal with Instrument: Rank by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Midland	—	—	—	—	—	1	1	25
Milton	—	—	—	—	—	58	99	41
Mississauga	—	—	—	—	—	56	67	75
Napanee	—	—	—	—	—	27	41	—
Navan	—	—	—	—	—	113	126	—
New Hamburg	—	—	—	—	—	—	—	87
Newmarket	—	—	—	—	—	96	82	88
Niagara Falls	—	—	—	—	—	36	51	28
North Bay	—	—	—	—	—	21	23	9
North York	—	—	—	—	—	61	72	77
Oakville	—	—	—	—	—	89	97	94
Orangeville	—	—	—	—	—	30	45	17
Orillia	—	—	—	—	—	60	103	11
Oshawa	—	—	—	—	—	39	85	67
Ottawa	—	—	—	—	—	69	90	84
Owen Sound	—	—	—	—	—	67	108	64
Paris	—	—	—	—	—	114	96	97
Parry Sound	—	—	—	—	—	12	118	—
Pembroke	—	—	—	—	—	40	54	15
Penetanguishene	—	—	—	—	—	26	15	53
Perth	—	—	—	—	—	—	109	35
Petawawa	—	—	—	—	—	38	1	1
Peterborough	—	—	—	—	—	50	55	70
Pickering	—	—	—	—	—	70	53	23
Port Colborne	—	—	—	—	—	32	48	1
Port Hope	—	—	—	—	—	91	102	57
Port Perry	—	—	—	—	—	88	63	1
Port Stanley	—	—	—	—	—	—	—	—
Renfrew	—	—	—	—	—	46	128	18
Richmond Hill	—	—	—	—	—	23	61	26
Rockland	—	—	—	—	—	117	70	61
Russell	—	—	—	—	—	87	1	—
Sarnia	—	—	—	—	—	28	104	85
Sault Ste. Marie	—	—	—	—	—	63	110	111
Scarborough	—	—	—	—	—	73	65	65
Simcoe	—	—	—	—	—	10	1	109
Sioux Lookout	—	—	—	—	—	98	127	—
Smiths Falls	—	—	—	—	—	1	107	44
St. Catharine	—	—	—	—	—	41	26	29
St. Mary's	—	—	—	—	—	—	122	—
St. Thomas	—	—	—	—	—	100	117	107
Stouffville	—	—	—	—	—	17	1	106
Stratford	—	—	—	—	—	1	1	10
Strathroy	—	—	—	—	—	105	119	63
Sturgeon	—	—	—	—	—	76	62	7
Sudbury	—	—	—	—	—	59	31	50
Thornhill	—	—	—	—	—	24	40	48
Thunder Bay	—	—	—	—	—	92	94	110
Tillsonburg	—	—	—	—	—	103	34	81
Timmins	—	—	—	—	—	95	28	78
Toronto	—	—	—	—	—	66	76	89
Trenton	—	—	—	—	—	1	46	45
Uxbridge	—	—	—	—	—	47	1	30
Val Caron	—	—	—	—	—	—	—	—
Wallaceburg	—	—	—	—	—	90	121	6
Wasaga Beach	—	—	—	—	—	—	—	—
Welland	—	—	—	—	—	14	37	36
Weston	—	—	—	—	—	51	84	39
Whitby	—	—	—	—	—	49	44	24
Willowdale	—	—	—	—	—	42	38	66
Windsor	—	—	—	—	—	55	64	74
Woodbridge	—	—	—	—	—	48	52	27
Woodstock	—	—	—	—	—	110	57	101
Rural	—	—	—	—	—	72	79	56
Other	—	—	—	—	—	80	58	59

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"—" indicates no data were available for that facility for that year or that the institution did not exist in that year

Obstetric Trauma with 3rd Degree, Vaginal without Instrument: Rank by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Acton	—	—	—	—	—	10	129	13
Ajax	—	—	—	—	—	63	45	57
Alliston	—	—	—	—	—	119	113	123
Amherstburg	—	—	—	—	—	89	28	34
Arnprior	—	—	—	—	—	6	9	15
Aurora	—	—	—	—	—	105	75	48
Aylmer West	—	—	—	—	—	102	112	25
Barrie	—	—	—	—	—	37	22	31
Belleville	—	—	—	—	—	91	87	24
Bolton	—	—	—	—	—	75	44	44
Bowmanville	—	—	—	—	—	87	33	70
Bracebridge	—	—	—	—	—	57	53	118
Bradford	—	—	—	—	—	131	79	38
Brampton	—	—	—	—	—	36	43	49
Brantford	—	—	—	—	—	88	122	106
Brockville	—	—	—	—	—	118	56	32
Burlington	—	—	—	—	—	45	58	95
Caledon	—	—	—	—	—	18	12	22
Caledonia	—	—	—	—	—	136	126	124
Cambridge	—	—	—	—	—	34	27	74
Carleton Place	—	—	—	—	—	124	73	14
Chatham	—	—	—	—	—	74	89	61
Cobourg	—	—	—	—	—	29	71	45
Collingwood	—	—	—	—	—	8	97	119
Concord	—	—	—	—	—	42	62	27
Cornwall	—	—	—	—	—	26	32	18
Cumberland	—	—	—	—	—	12	11	117
Delhi	—	—	—	—	—	61	1	37
Downsview	—	—	—	—	—	47	18	42
Dryden	—	—	—	—	—	40	31	47
Dunnville	—	—	—	—	—	135	104	111
East Gwillimbury	—	—	—	—	—	99	41	66
Elliot Lake	—	—	—	—	—	114	95	1
Elmira	—	—	—	—	—	60	69	126
Espanola	—	—	—	—	—	1	8	10
Essex	—	—	—	—	—	9	120	115
Etobicoke	—	—	—	—	—	69	70	59
Fergus	—	—	—	—	—	82	127	80
Fort Erie	—	—	—	—	—	1	35	16
Fort Frances	—	—	—	—	—	96	133	9
Gananoque	—	—	—	—	—	44	117	129
Garson	—	—	—	—	—	5	1	65
Georgetown	—	—	—	—	—	27	16	63
Goderich	—	—	—	—	—	41	21	1
Gravenhurst	—	—	—	—	—	126	64	116
Greely	—	—	—	—	—	64	108	19
Grimsby	—	—	—	—	—	133	91	110
Guelph	—	—	—	—	—	78	77	72
Hamilton	—	—	—	—	—	100	94	92
Hanmer	—	—	—	—	—	20	5	1
Hanover	—	—	—	—	—	43	81	136
Hawkesbury	—	—	—	—	—	19	110	1
Huntsville	—	—	—	—	—	108	72	26
Ingersoll	—	—	—	—	—	92	26	11
Innisfil	—	—	—	—	—	17	96	39
Kapuskasing	—	—	—	—	—	52	1	81
Kenora	—	—	—	—	—	22	115	1
Keswick	—	—	—	—	—	107	40	29
Kincardine	—	—	—	—	—	122	137	12
King City	—	—	—	—	—	67	63	23
Kingston	—	—	—	—	—	66	50	50
Kingsville	—	—	—	—	—	128	130	127
Kirkland Lake	—	—	—	—	—	132	100	134
Kitchener	—	—	—	—	—	76	54	56
Leamington	—	—	—	—	—	137	135	131
Lindsay	—	—	—	—	—	106	101	128
Listowel	—	—	—	—	—	25	68	1
Lively	—	—	—	—	—	121	13	121
London	—	—	—	—	—	104	102	84
Manotick	—	—	—	—	—	14	14	71
Maple	—	—	—	—	—	32	25	88
Markham	—	—	—	—	—	98	93	83
Meaford	—	—	—	—	—	50	128	125

Obstetric Trauma with 3rd Degree, Vaginal without Instrument: Rank by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Midland	—	—	—	—	—	120	38	122
Milton	—	—	—	—	—	46	118	58
Mississauga	—	—	—	—	—	53	51	76
Napanee	—	—	—	—	—	112	136	133
Navan	—	—	—	—	—	86	10	130
New Hamburg	—	—	—	—	—	125	7	41
Newmarket	—	—	—	—	—	134	64	97
Niagara Falls	—	—	—	—	—	16	67	28
North Bay	—	—	—	—	—	15	17	82
North York	—	—	—	—	—	97	82	94
Oakville	—	—	—	—	—	73	105	75
Orangeville	—	—	—	—	—	80	86	30
Orillia	—	—	—	—	—	70	78	40
Oshawa	—	—	—	—	—	65	39	55
Ottawa	—	—	—	—	—	90	109	99
Owen Sound	—	—	—	—	—	127	131	120
Paris	—	—	—	—	—	115	134	62
Parry Sound	—	—	—	—	—	39	24	132
Pembroke	—	—	—	—	—	38	76	52
Penetanguishene	—	—	—	—	—	130	99	137
Perth	—	—	—	—	—	4	114	64
Petawawa	—	—	—	—	—	7	48	87
Peterborough	—	—	—	—	—	109	116	103
Pickering	—	—	—	—	—	56	46	101
Port Colborne	—	—	—	—	—	111	61	35
Port Hope	—	—	—	—	—	62	30	43
Port Perry	—	—	—	—	—	84	90	100
Port Stanley	—	—	—	—	—	13	6	—
Renfrew	—	—	—	—	—	79	23	46
Richmond Hill	—	—	—	—	—	71	66	51
Rockland	—	—	—	—	—	95	60	60
Russell	—	—	—	—	—	110	92	85
Sarnia	—	—	—	—	—	93	98	112
Sault Ste. Marie	—	—	—	—	—	103	121	108
Scarborough	—	—	—	—	—	101	83	114
Simcoe	—	—	—	—	—	35	123	113
Sioux Lookout	—	—	—	—	—	117	59	78
Smiths Falls	—	—	—	—	—	123	132	67
St. Catharine	—	—	—	—	—	31	42	68
St. Mary's	—	—	—	—	—	11	107	105
St. Thomas	—	—	—	—	—	129	106	76
Stouffville	—	—	—	—	—	21	111	102
Stratford	—	—	—	—	—	116	119	69
Strathroy	—	—	—	—	—	83	15	54
Sturgeon	—	—	—	—	—	68	125	1
Sudbury	—	—	—	—	—	33	19	20
Thornhill	—	—	—	—	—	54	36	86
Thunder Bay	—	—	—	—	—	59	20	53
Tillsonburg	—	—	—	—	—	23	29	21
Timmins	—	—	—	—	—	24	124	96
Toronto	—	—	—	—	—	94	74	104
Trenton	—	—	—	—	—	28	37	107
Uxbridge	—	—	—	—	—	30	57	17
Val Caron	—	—	—	—	—	1	1	1
Wallaceburg	—	—	—	—	—	113	84	93
Wasaga Beach	—	—	—	—	—	—	—	135
Welland	—	—	—	—	—	77	80	79
Weston	—	—	—	—	—	51	49	91
Whitby	—	—	—	—	—	48	34	109
Willowdale	—	—	—	—	—	72	52	89
Windsor	—	—	—	—	—	81	85	98
Woodbridge	—	—	—	—	—	58	47	33
Woodstock	—	—	—	—	—	49	88	36
Rural	—	—	—	—	—	85	103	90
Other	—	—	—	—	—	55	55	73

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"—" indicates no data were available for that facility for that year or that the institution did not exist in that year

Obstetric Trauma with 3rd Degree, Cesarean Section: Rank by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Acton	—	—	—	—	—	1	1	1
Ajax	—	—	—	—	—	90	1	98
Alliston	—	—	—	—	—	125	1	132
Amherstburg	—	—	—	—	—	1	1	1
Arnprior	—	—	—	—	—	132	1	1
Aurora	—	—	—	—	—	122	98	101
Aylmer West	—	—	—	—	—	1	58	137
Barrie	—	—	—	—	—	119	110	105
Belleville	—	—	—	—	—	1	95	104
Bolton	—	—	—	—	—	102	99	1
Bowmanville	—	—	—	—	—	92	1	1
Bracebridge	—	—	—	—	—	1	1	1
Bradford	—	—	—	—	—	1	1	1
Brampton	—	—	—	—	—	87	81	84
Brantford	—	—	—	—	—	95	116	106
Brockville	—	—	—	—	—	114	120	114
Burlington	—	—	—	—	—	115	82	110
Caledon	—	—	—	—	—	1	1	1
Caledonia	—	—	—	—	—	1	130	1
Cambridge	—	—	—	—	—	88	75	108
Carleton Place	—	—	—	—	—	1	1	122
Chatham	—	—	—	—	—	111	113	1
Cobourg	—	—	—	—	—	1	112	1
Collingwood	—	—	—	—	—	1	119	1
Concord	—	—	—	—	—	1	1	116
Cornwall	—	—	—	—	—	79	64	78
Cumberland	—	—	—	—	—	1	1	138
Delhi	—	—	—	—	—	1	61	75
Downsview	—	—	—	—	—	104	77	82
Dryden	—	—	—	—	—	1	55	1
Dunnville	—	—	—	—	—	1	1	1
East Gwillimbury	—	—	—	—	—	1	1	1
Elliot Lake	—	—	—	—	—	80	70	72
Elmira	—	—	—	—	—	1	1	1
Espanola	—	—	—	—	—	1	1	1
Essex	—	—	—	—	—	1	1	1
Etobicoke	—	—	—	—	—	100	78	83
Fergus	—	—	—	—	—	1	1	120
Fort Erie	—	—	—	—	—	1	1	1
Fort Frances	—	—	—	—	—	65	62	76
Gananoque	—	—	—	—	—	135	132	136
Garson	—	—	—	—	—	1	1	74
Georgetown	—	—	—	—	—	1	97	118
Goderich	—	—	—	—	—	1	1	135
Gravenhurst	—	—	—	—	—	1	65	71
Greely	—	—	—	—	—	1	131	1
Grimsby	—	—	—	—	—	121	129	115
Guelph	—	—	—	—	—	120	91	97
Hamilton	—	—	—	—	—	107	88	126
Hanmer	—	—	—	—	—	1	1	1
Hanover	—	—	—	—	—	131	135	134
Hawkesbury	—	—	—	—	—	134	1	133
Huntsville	—	—	—	—	—	1	128	121
Ingersoll	—	—	—	—	—	1	127	1
Innisfil	—	—	—	—	—	1	108	117
Kapuskasing	—	—	—	—	—	78	69	73
Kenora	—	—	—	—	—	1	56	69
Keswick	—	—	—	—	—	1	1	1
Kincardine	—	—	—	—	—	1	1	1
King City	—	—	—	—	—	1	136	1
Kingston	—	—	—	—	—	128	125	123
Kingsville	—	—	—	—	—	1	1	1
Kirkland Lake	—	—	—	—	—	82	57	66
Kitchener	—	—	—	—	—	1	72	80
Leamington	—	—	—	—	—	1	105	1
Lindsay	—	—	—	—	—	76	1	1
Listowel	—	—	—	—	—	133	122	129
Lively	—	—	—	—	—	70	1	65
London	—	—	—	—	—	118	111	109
Manotick	—	—	—	—	—	1	1	1
Maple	—	—	—	—	—	91	100	1
Markham	—	—	—	—	—	84	102	81
Meaford	—	—	—	—	—	68	1	1

Obstetric Trauma with 3rd Degree, Cesarean Section: Rank by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Midland	—	—	—	—	—	126	1	77
Milton	—	—	—	—	—	129	1	94
Mississauga	—	—	—	—	—	93	85	88
Napanee	—	—	—	—	—	1	123	130
Navan	—	—	—	—	—	1	1	1
New Hamburg	—	—	—	—	—	71	124	1
Newmarket	—	—	—	—	—	99	84	1
Niagara Falls	—	—	—	—	—	1	1	99
North Bay	—	—	—	—	—	1	94	70
North York	—	—	—	—	—	1	96	1
Oakville	—	—	—	—	—	85	80	90
Orangeville	—	—	—	—	—	105	1	1
Orillia	—	—	—	—	—	1	92	1
Oshawa	—	—	—	—	—	86	83	86
Ottawa	—	—	—	—	—	97	109	113
Owen Sound	—	—	—	—	—	124	133	124
Paris	—	—	—	—	—	1	1	1
Parry Sound	—	—	—	—	—	1	118	1
Pembroke	—	—	—	—	—	1	114	128
Penetanguishene	—	—	—	—	—	77	1	1
Perth	—	—	—	—	—	74	126	1
Petawawa	—	—	—	—	—	1	115	131
Peterborough	—	—	—	—	—	116	104	96
Pickering	—	—	—	—	—	89	107	1
Port Colborne	—	—	—	—	—	1	59	1
Port Hope	—	—	—	—	—	1	54	1
Port Perry	—	—	—	—	—	1	1	1
Port Stanley	—	—	—	—	—	—	—	1
Renfrew	—	—	—	—	—	1	1	1
Richmond Hill	—	—	—	—	—	103	71	89
Rockland	—	—	—	—	—	136	1	1
Russell	—	—	—	—	—	1	1	1
Sarnia	—	—	—	—	—	1	1	1
Sault Ste. Marie	—	—	—	—	—	101	87	67
Scarborough	—	—	—	—	—	94	79	87
Simcoe	—	—	—	—	—	1	1	1
Sioux Lookout	—	—	—	—	—	67	60	1
Smiths Falls	—	—	—	—	—	66	1	1
St. Catharine	—	—	—	—	—	1	74	95
St. Mary's	—	—	—	—	—	1	134	1
St. Thomas	—	—	—	—	—	1	1	1
Stouffville	—	—	—	—	—	1	1	125
Stratford	—	—	—	—	—	117	1	1
Strathroy	—	—	—	—	—	123	1	119
Sturgeon	—	—	—	—	—	81	68	1
Sudbury	—	—	—	—	—	1	1	1
Thornhill	—	—	—	—	—	108	76	103
Thunder Bay	—	—	—	—	—	112	101	1
Tillsonburg	—	—	—	—	—	130	66	79
Timmins	—	—	—	—	—	1	67	64
Toronto	—	—	—	—	—	96	86	92
Trenton	—	—	—	—	—	69	117	1
Uxbridge	—	—	—	—	—	127	121	1
Val Caron	—	—	—	—	—	75	1	1
Wallaceburg	—	—	—	—	—	73	63	68
Wasaga Beach	—	—	—	—	—	—	—	1
Welland	—	—	—	—	—	98	1	100
Weston	—	—	—	—	—	1	73	93
Whitby	—	—	—	—	—	109	103	112
Willowdale	—	—	—	—	—	83	90	107
Windsor	—	—	—	—	—	1	89	91
Woodbridge	—	—	—	—	—	113	1	85
Woodstock	—	—	—	—	—	72	1	127
Rural	—	—	—	—	—	106	93	102
Other	—	—	—	—	—	110	106	111

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