The Fraser Institute

Hospital Report Card

by Mark Mullins, Rena Menaker, and Nadeem Esmail

Ontario 2006

IX. Scores by Municipality

THE FRASER INSTITUTE

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The Fraser Institute

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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.

References

Baker, G.R., et al. (1998-99). "Healthcare Performance Measurement in Canada: Who's Doing What?" *Hospital Quarterly* 2 (2): 22–26.

Baker, G.R., et al. (2004). "The Canadian Adverse Events Study: The Incidence of Adverse Events among Hospital Patients in Canada." *Canadian Medical Association Journal* 170 (11) (May).

Berwick, D.M., and D.L. Wald (1990). "Hospital Leaders' Opinions of the HCFA Mortality Data." *JAMA* 263 (2): 247–49.

Bruce, S., et al. (2006). *Application of Patient Safety Indicators in Manitoba: A First Look*. Manitoba Centre for Health Policy.

Cutler, D.M., et al. (2004). "The Role of Information in Medical Markets: An Analysis of Publicly Reported Outcomes in Cardiac Surgery." Working Paper No. 10489 (May). National Bureau of Economic Research.

Esmail, Nadeem (2003). "Health Information in Hiding." *Fraser Forum* (May): 12–13.

Esmail, Nadeem, and Michael Walker (2005). *How Good Is Canadian Health Care? 2005 Report. An International Comparison of Health Care Systems.* Vancouver: The Fraser Institute.

Esmail, Nadeem, and Michael Walker (2005). *Waiting Your Turn: Hospital Waiting Lists in Canada, 15th Edition*. Vancouver: The Fraser Institute.

Forster, A.J., et al. (2004). "Ottawa Hospital Patient Safety Study: Incidence and Timing of Adverse Events in Patients Admitted to a Canadian Teaching Hospital." *Canadian Medical Association Journal* 170 (8) (April).

Hannan, E.L., et al. (1994). "Improving the Outcomes of Coronary Bypass Surgery in New York State." *JAMA* 271: 761–66.

Hay Group (2005). *Annual Benchmarking Comparison of Canadian Hospitals*. The Hay Group and The Canadian Institute for Health Information. <http://www.haygroup.ca/services/Benchmarking%20Health/2005/CIHI%202005%20C.pdf>.

Leyland, A.H., and F.A Boddy (1998). "League Tables and Acute Myocardial Infarction." *Lancet* 351 (9102): 555–58.

London Department of Health (1998). "A First Class Service, Quality in the NHS."

London Department of Health (1999). "The NHS Performance Assessment Framework."

Marshall, M.N., et al. (2003). "Public Reporting on Quality in the United States and the United Kingdom." *Health Affairs* (May/June): 136.

McKee, M., and J. Healy (2000). "Monitoring Hospital Performance." *Euro Observer* 2 (2): 2.

National Health Service (1991). "The Patient's Charter." <http://www.pfc.org.uk/medical/pchrt-e1.htm#foreword>.

New York State Department of Health (2005). "Adult Cardiac Surgery in New State 2001–2003." October 2005. <http://www.nyhealth.gov/nysdoh/heart/pdf/2001-2003_cabg.pdf>.

Street, A. (2002). "The Resurrection of Hospital Mortality Statistics in England." *Journal of Health Services Research and Policy* 2: 104–10.

Woodward, Graham, Thérèse Stukel, Michael Schull, Nadia Gunraj, and Andreas Laupacis (2004). *Utilization of Ontario's Health System During the 2003 SARS Outbreak*. An ICES Investigative Report (May). Institute for Clinical Evaluative Sciences (ICES).

Zinman, D. (1991). "Heart Surgeons Rated. State Reveals Patient-mortality Records." *Newsday* (Dec): 34.

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]**

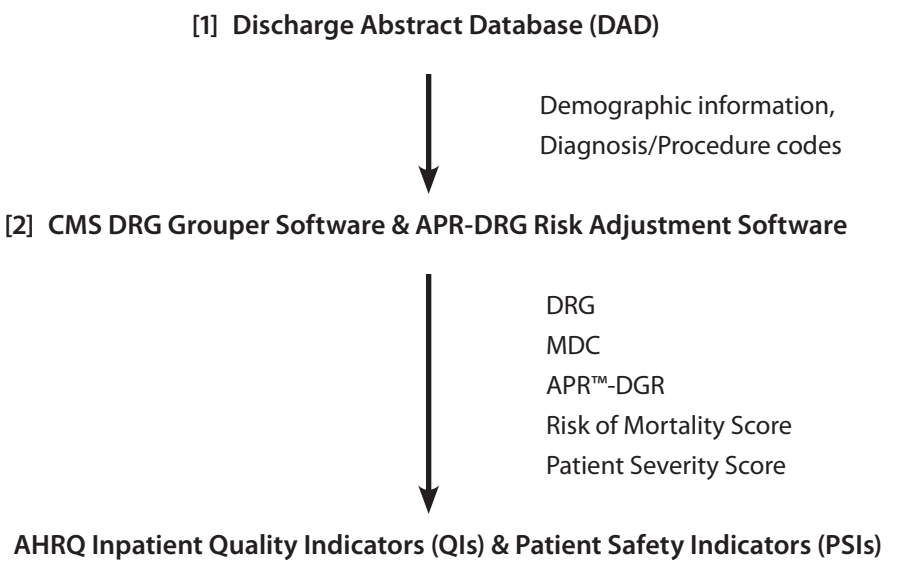
Since more specialized hospitals may treat more high-risk patients and some patients arrive at hospitals sicker than others, it is difficult to compare hospital mortality and utilization rates for patients with the same condition but a different health status. In order to compensate for this potential 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.

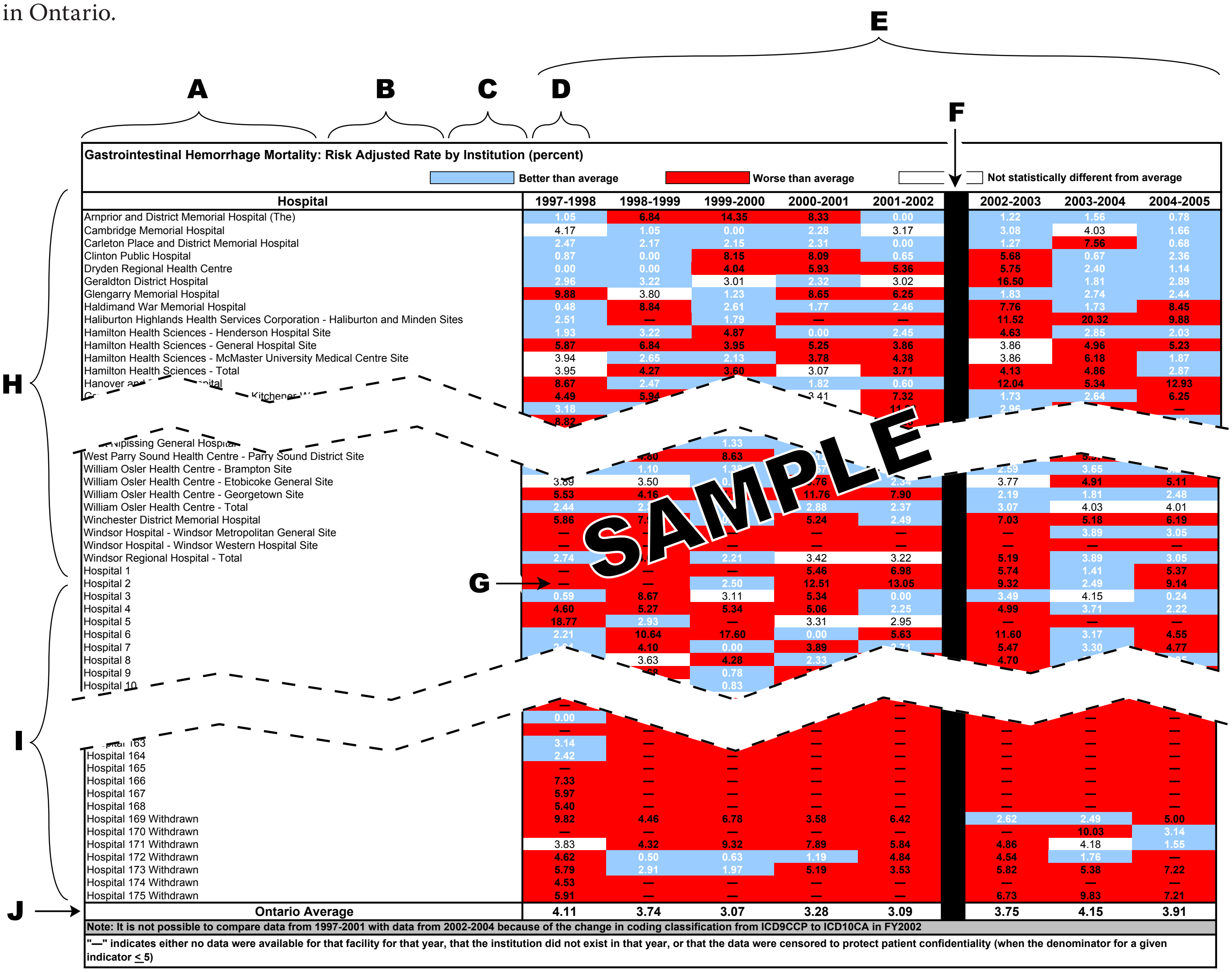
[G] "—" indicates that either no data were available for that hospital for that year, that the institution did not exist in that year, or that the data were censored to protect patient confidentiality (when the denominator for a given indicator is 5).

[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: Score 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	—	—	80	—	—	—	—	9
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	0	—	—	—	—	—	—	—
Fergus	—	—	—	—	—	—	—	—
Fort Erie	—	—	—	—	—	—	—	—
Fort Frances	—	—	—	—	—	—	—	—
Gananoque	—	—	—	—	—	—	—	—
Garson	—	—	—	—	—	—	—	—
Georgetown	—	—	—	—	—	—	—	—
Goderich	—	—	—	—	—	—	—	—
Gravenhurst	—	—	—	—	—	—	—	—
Greely	—	—	—	—	—	—	—	—
Grimsby	—	—	—	—	—	—	—	—
Guelph	—	—	—	—	—	—	—	—
Hamilton	—	—	100	—	—	—	56	—
Hanmer	—	—	—	—	—	—	—	—
Hanover	—	—	—	—	—	—	—	—
Hawkesbury	—	—	—	—	—	—	—	—
Huntsville	—	—	—	—	—	—	—	—
Ingersoll	—	—	—	—	—	—	—	—
Innisfil	—	—	—	—	—	—	—	—
Kapuskasing	—	—	—	—	—	—	—	—
Kenora	—	—	—	—	—	—	—	—
Keswick	—	—	—	—	—	—	—	—
Kincardine	—	—	—	—	—	—	—	—
King City	—	—	—	—	—	—	—	—
Kingston	—	—	—	—	—	—	—	—
Kingsville	—	—	—	—	—	—	—	—
Kirkland Lake	—	—	—	—	—	—	—	—
Kitchener	—	—	94	—	—	62	—	—
Leamington	—	—	—	—	—	—	—	—
Lindsay	—	—	—	—	—	—	—	—
Listowel	—	—	—	—	—	—	—	—
Lively	—	—	—	—	—	—	—	—
London	—	—	—	—	—	—	—	100
Manotick	—	—	—	—	—	—	—	—
Maple	—	—	—	—	—	—	—	—
Markham	—	—	—	—	—	—	—	—
Meaford	—	—	—	—	—	—	—	—

Esophageal Resection Mortality: Score by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Midland	—	—	—	—	—	—	—	—
Milton	—	—	—	—	—	—	—	—
Mississauga	—	—	—	—	—	—	—	0
Napanee	—	—	—	—	—	—	—	—
Navan	—	—	—	—	—	—	—	—
New Hamburg	—	—	—	—	—	—	—	—
Newmarket	—	—	—	—	—	—	—	—
Niagara Falls	—	—	—	—	—	—	—	—
North Bay	—	—	—	—	—	—	—	—
North York	—	—	—	—	—	—	—	—
Oakville	—	—	—	—	—	—	—	—
Orangeville	—	—	—	—	—	—	—	—
Orillia	—	—	—	—	—	—	—	—
Oshawa	—	—	—	—	—	—	—	—
Ottawa	—	—	38	100	100	100	100	96
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	—	—	—	99	—	—	—	—
Scarborough	—	89	77	—	—	0	0	4
Simcoe	—	—	—	—	—	—	—	—
Sioux Lookout	—	—	—	—	—	—	—	—
Smiths Falls	—	—	—	—	—	—	—	—
St. Catharine	—	—	—	—	—	—	—	—
St. Mary's	—	—	—	—	—	—	—	—
St. Thomas	—	—	—	—	—	—	—	—
Stouffville	—	—	—	—	—	—	—	—
Stratford	—	—	—	—	—	—	—	—
Strathroy	—	—	—	—	—	—	—	—
Sturgeon	—	—	—	—	—	—	—	—
Sudbury	—	—	—	—	—	—	—	—
Thornhill	—	—	—	—	—	—	—	—
Thunder Bay	—	—	—	—	—	—	—	—
Tillsonburg	—	—	—	—	—	—	—	—
Timmins	—	—	—	—	—	—	—	—
Toronto	100	0	0	26	—	85	55	8
Trenton	—	—	—	—	—	—	—	—
Uxbridge	—	—	—	—	—	—	—	—
Val Caron	—	—	—	—	—	—	—	—
Wallaceburg	—	—	—	—	—	—	—	—
Wasaga Beach	—	—	—	—	—	—	—	—
Welland	—	—	—	—	—	—	—	—
Weston	—	—	—	—	—	—	—	—
Whitby	—	—	—	—	—	—	—	—
Willowdale	94	—	—	—	—	—	—	43
Windsor	—	—	—	—	—	—	—	—
Woodbridge	—	—	—	—	—	—	—	—
Woodstock	—	—	—	—	—	—	—	—
Rural	31	100	15	0	0	88	31	10
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: Score 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	—	—	46	—	—	—	—	—
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	—	—	—	0	33	—	—	—
Fergus	—	—	—	—	—	—	—	—
Fort Erie	—	—	—	—	—	—	—	—
Fort Frances	—	—	—	—	—	—	—	—
Gananoque	—	—	—	—	—	—	—	—
Garson	—	—	—	—	—	—	—	—
Georgetown	—	—	—	—	—	—	—	—
Goderich	—	—	—	—	—	—	—	—
Gravenhurst	—	—	—	—	—	—	—	—
Greely	—	—	—	—	—	—	—	—
Grimsby	—	—	—	—	—	—	—	—
Guelph	—	—	—	—	—	—	—	—
Hamilton	77	0	0	59	78	55	5	88
Hanmer	—	—	—	—	—	—	—	—
Hanover	—	—	—	—	—	—	—	—
Hawkesbury	—	—	—	—	—	—	—	—
Huntsville	—	—	—	—	—	—	—	—
Ingersoll	—	—	—	—	—	—	—	—
Innisfil	—	—	—	—	—	—	—	—
Kapuskasing	—	—	—	—	—	—	—	—
Kenora	—	—	—	—	—	—	—	—
Keswick	—	—	—	—	—	—	—	—
Kincardine	—	—	—	—	—	—	—	—
King City	—	—	—	—	—	—	—	—
Kingston	—	—	—	—	—	—	—	—
Kingsville	—	—	—	—	—	—	—	—
Kirkland Lake	—	—	—	—	—	—	—	—
Kitchener	—	—	—	—	72	—	—	72
Leamington	—	—	—	—	—	—	—	—
Lindsay	—	—	—	—	—	—	—	—
Listowel	—	—	—	—	—	—	—	—
Lively	—	—	—	—	—	—	—	—
London	—	—	—	73	91	46	—	—
Manotick	—	—	—	—	—	—	—	—
Maple	—	—	—	—	—	—	—	—
Markham	—	—	—	—	—	100	—	—
Meaford	—	—	—	—	—	—	—	—

Pancreatic Resection Surgery Mortality: Score by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Midland	—	—	—	—	—	—	—	—
Milton	—	—	—	—	—	—	—	—
Mississauga	76	15	84	99	80	—	19	0
Napanee	—	—	—	—	—	—	—	—
Navan	—	—	—	—	—	—	—	—
New Hamburg	—	—	—	—	—	—	—	—
Newmarket	—	—	—	—	—	—	—	—
Niagara Falls	—	—	—	—	—	—	18	—
North Bay	—	—	—	—	—	—	—	—
North York	—	—	—	—	—	—	—	—
Oakville	—	—	—	—	76	—	—	—
Orangeville	—	—	—	—	—	—	—	—
Orillia	—	—	—	—	—	—	—	—
Oshawa	—	—	—	—	—	—	—	—
Ottawa	100	10	86	100	94	0	52	57
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	22	100	83	39	48	100	73
Simcoe	—	—	—	—	—	—	—	—
Sioux Lookout	—	—	—	—	—	—	—	—
Smiths Falls	—	—	—	—	—	—	—	—
St. Catharine	—	—	—	—	—	—	—	—
St. Mary's	—	—	—	—	—	—	—	—
St. Thomas	—	—	—	—	—	—	—	—
Stouffville	—	—	—	—	—	—	—	—
Stratford	—	—	—	—	—	—	—	—
Strathroy	—	—	—	—	—	—	—	—
Sturgeon	—	—	—	—	—	—	—	—
Sudbury	—	—	—	—	—	—	—	—
Thornhill	—	—	—	—	—	—	—	—
Thunder Bay	—	—	—	—	—	—	—	—
Tillsonburg	—	—	—	—	—	—	—	—
Timmins	—	—	—	—	—	—	—	—
Toronto	0	100	62	80	100	61	16	28
Trenton	—	—	—	—	—	—	—	—
Uxbridge	—	—	—	—	—	—	—	—
Val Caron	—	—	—	—	—	—	—	—
Wallaceburg	—	—	—	—	—	—	—	—
Wasaga Beach	—	—	—	—	—	—	—	—
Welland	—	—	—	—	—	—	—	—
Weston	—	—	—	—	—	—	—	—
Whitby	—	—	—	—	—	—	—	—
Willowdale	—	—	—	—	—	—	0	20
Windsor	47	—	—	—	—	—	—	100
Woodbridge	—	—	—	—	—	—	—	—
Woodstock	—	—	—	—	—	—	—	—
Rural	51	100	95	73	70	32	45	4
Other	—	—	—	—	0	—	—	—

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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: Score by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Acton	—	—	—	—	—	—	—	—
Ajax	14	78	83	0	58	—	—	—
Alliston	—	—	66	—	—	—	—	—
Amherstburg	35	—	—	—	—	—	—	—
Arnprior	—	—	—	—	—	—	—	—
Aurora	—	—	—	—	—	—	—	—
Aylmer West	—	24	—	—	—	—	—	—
Barrie	88	92	49	45	96	—	—	—
Belleville	60	—	17	13	64	—	—	—
Bolton	—	—	—	—	—	—	—	—
Bowmanville	1	62	78	—	—	—	—	—
Bracebridge	—	7	—	—	—	—	—	—
Bradford	—	—	—	—	—	—	—	—
Brampton	38	82	36	61	34	—	—	—
Brantford	25	63	47	55	30	—	—	—
Brockville	—	—	—	65	—	—	—	—
Burlington	60	77	72	36	49	—	—	—
Caledon	—	—	—	—	—	—	—	—
Caledonia	—	—	—	—	—	—	—	—
Cambridge	51	54	88	49	64	—	—	—
Carleton Place	—	—	—	—	—	—	—	—
Chatham	—	—	—	—	—	—	—	—
Cobourg	53	—	65	—	51	—	—	—
Collingwood	—	—	—	—	56	—	—	—
Concord	—	—	—	—	—	—	—	—
Cornwall	82	69	51	30	91	—	—	—
Cumberland	—	—	—	—	—	—	—	—
Delhi	—	—	—	—	—	—	—	—
Downsview	70	45	56	48	31	—	—	—
Dryden	—	—	—	—	—	—	—	—
Dunnville	—	—	—	—	—	—	—	—
East Gwillimbury	—	—	—	—	—	—	—	—
Elliot Lake	—	19	—	100	—	—	—	—
Elmira	—	—	—	—	—	—	—	—
Espanola	—	—	—	—	—	—	—	—
Essex	—	—	—	—	—	—	—	—
Etobicoke	43	65	34	22	64	—	—	—
Fergus	—	—	—	—	—	—	—	—
Fort Erie	—	—	—	—	—	—	—	—
Fort Frances	—	—	—	—	—	—	—	—
Gananoque	—	—	—	—	—	—	—	—
Garson	—	—	—	—	—	—	—	—
Georgetown	16	—	—	—	—	—	—	—
Goderich	—	—	—	—	—	—	—	—
Gravenhurst	—	—	—	—	—	—	—	—
Greely	—	—	—	—	—	—	—	—
Grimsby	—	—	—	—	71	—	—	—
Guelph	33	65	68	25	81	—	—	—
Hamilton	27	70	61	68	32	—	—	—
Hanmer	—	—	—	—	—	—	—	—
Hanover	—	—	—	—	—	—	—	—
Hawkesbury	—	—	32	—	—	—	—	—
Huntsville	—	—	—	—	—	—	—	—
Ingersoll	—	—	—	—	—	—	—	—
Innisfil	—	—	—	—	65	—	—	—
Kapuskasing	—	—	—	—	—	—	—	—
Kenora	—	—	—	—	—	—	—	—
Keswick	—	—	—	—	—	—	—	—
Kincardine	—	—	—	—	—	—	—	—
King City	—	—	—	—	—	—	—	—
Kingston	16	74	70	41	45	—	—	—
Kingsville	—	—	—	—	—	—	—	—
Kirkland Lake	—	—	—	—	—	—	—	—
Kitchener	0	58	57	50	32	—	—	—
Leamington	—	—	—	—	—	—	—	—
Lindsay	—	57	84	—	0	—	—	—
Listowel	—	—	—	—	—	—	—	—
Lively	—	—	—	—	—	—	—	—
London	86	47	73	84	58	—	—	—
Manotick	—	—	—	—	—	—	—	—
Maple	—	—	—	—	—	—	—	—
Markham	32	100	36	91	83	—	—	—
Meaford	—	—	—	—	—	—	—	—

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

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Midland	—	—	—	—	—	—	—	—
Milton	—	—	85	—	—	—	—	—
Mississauga	26	68	73	79	67	—	—	—
Napanee	—	—	—	—	60	—	—	—
Navan	—	—	—	—	—	—	—	—
New Hamburg	—	—	—	—	—	—	—	—
Newmarket	77	—	49	—	—	—	—	—
Niagara Falls	5	55	71	87	29	—	—	—
North Bay	73	59	27	18	44	—	—	—
North York	55	0	45	0	—	—	—	—
Oakville	27	82	57	52	62	—	—	—
Orangeville	—	—	—	19	—	—	—	—
Orillia	60	10	88	58	57	—	—	—
Oshawa	42	65	61	44	52	—	—	—
Ottawa	53	58	57	54	67	—	—	—
Owen Sound	75	93	68	23	60	—	—	—
Paris	—	—	—	—	—	—	—	—
Parry Sound	—	—	—	—	—	—	—	—
Pembroke	51	53	—	—	—	—	—	—
Penetanguishene	—	—	—	—	—	—	—	—
Perth	28	—	—	—	—	—	—	—
Petawawa	—	—	—	—	—	—	—	—
Peterborough	67	64	59	68	86	—	—	—
Pickering	—	—	85	11	17	—	—	—
Port Colborne	64	61	—	—	—	—	—	—
Port Hope	—	53	—	—	—	—	—	—
Port Perry	—	—	—	—	—	—	—	—
Port Stanley	—	—	—	—	—	—	—	—
Renfrew	—	—	—	—	—	—	—	—
Richmond Hill	14	40	31	—	—	—	—	—
Rockland	—	—	—	—	—	—	—	—
Russell	—	—	—	—	—	—	—	—
Sarnia	70	90	63	40	76	—	—	—
Sault Ste. Marie	41	74	65	73	58	—	—	—
Scarborough	38	63	57	63	59	—	—	—
Simcoe	—	85	—	—	—	—	—	—
Sioux Lookout	—	—	—	—	—	—	—	—
Smiths Falls	—	71	—	—	—	—	—	—
St. Catharine	41	58	66	66	36	—	—	—
St. Mary's	—	—	—	—	—	—	—	—
St. Thomas	100	—	—	—	—	—	—	—
Stouffville	—	—	—	—	—	—	—	—
Stratford	—	—	—	—	—	—	—	—
Strathroy	—	—	—	—	—	—	—	—
Sturgeon	—	—	—	—	—	—	—	—
Sudbury	89	77	64	11	45	—	—	—
Thornhill	98	67	60	89	60	—	—	—
Thunder Bay	44	50	50	53	31	—	—	—
Tillsonburg	—	—	—	—	—	—	—	—
Timmins	55	—	—	—	—	—	—	—
Toronto	27	63	59	48	55	—	—	—
Trenton	—	—	—	71	100	—	—	—
Uxbridge	—	—	—	—	—	—	—	—
Val Caron	—	—	—	—	—	—	—	—
Wallaceburg	—	—	—	—	—	—	—	—
Wasaga Beach	—	—	—	—	—	—	—	—
Welland	32	70	38	12	87	—	—	—
Weston	15	48	0	41	27	—	—	—
Whitby	63	—	76	8	64	—	—	—
Willowdale	29	73	79	46	11	—	—	—
Windsor	14	76	61	37	72	—	—	—
Woodbridge	47	—	—	—	—	—	—	—
Woodstock	28	—	—	—	—	—	—	—
Rural	50	68	61	46	55	—	—	—
Other	15	28	100	45	78	—	—	—

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

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Acton	—	96	89	61	34	92	46	92
Ajax	80	68	95	71	87	73	86	91
Alliston	100	50	87	49	0	84	13	79
Amherstburg	90	57	94	100	79	82	89	97
Arnprior	86	86	87	67	94	96	92	71
Aurora	91	94	65	84	79	73	38	55
Aylmer West	86	40	87	82	85	100	79	76
Barrie	71	94	91	73	74	63	80	85
Belleville	73	89	55	88	43	80	55	84
Bolton	86	85	92	86	100	89	45	37
Bowmanville	88	94	93	86	62	100	89	95
Bracebridge	100	45	97	89	80	95	88	100
Bradford	36	83	87	85	51	100	87	89
Brampton	68	85	81	77	70	77	74	86
Brantford	80	90	92	77	86	85	87	78
Brockville	85	75	61	21	71	93	66	86
Burlington	80	81	77	86	68	88	70	88
Caledon	—	—	—	—	—	—	—	—
Caledonia	90	90	76	—	—	55	48	66
Cambridge	78	86	76	79	60	77	83	89
Carleton Place	21	13	99	96	100	96	100	98
Chatham	69	89	96	71	86	87	83	99
Cobourg	89	85	83	73	87	89	74	85
Collingwood	92	88	92	92	88	84	80	89
Concord	—	—	—	94	10	48	82	98
Cornwall	93	83	88	82	72	86	80	97
Cumberland	—	—	—	—	—	100	—	89
Delhi	93	45	96	94	—	99	78	—
Downsview	77	77	79	77	85	87	85	92
Dryden	—	—	—	—	—	—	—	—
Dunnville	98	89	100	85	33	42	95	71
East Gwillimbury	91	—	94	83	88	96	—	52
Elliot Lake	56	90	0	83	84	65	87	84
Elmira	—	—	86	80	—	100	—	96
Espanola	85	—	—	89	5	—	77	—
Essex	52	95	87	84	—	87	95	—
Etobicoke	76	73	83	76	77	78	75	92
Fergus	85	84	93	—	92	—	100	93
Fort Erie	91	84	91	49	92	82	89	97
Fort Frances	—	—	—	—	—	—	—	—
Gananoque	85	0	57	43	84	88	86	—
Garson	87	83	85	23	95	100	—	—
Georgetown	57	70	84	84	94	84	81	63
Goderich	100	96	94	90	83	86	49	90
Gravenhurst	—	100	91	85	83	89	88	78
Greely	—	84	—	—	79	0	—	—
Grimsby	90	98	49	67	87	68	80	75
Guelph	93	68	77	74	82	71	75	92
Hamilton	74	72	85	65	84	83	79	88
Hanmer	86	83	65	81	77	26	82	89
Hanover	100	39	88	85	—	83	—	90
Hawkesbury	97	48	100	84	100	—	100	0
Huntsville	88	60	90	56	92	69	46	90
Ingersoll	88	40	45	97	99	85	82	94
Innisfil	—	—	—	83	37	84	89	79
Kapuskasing	85	82	85	90	78	95	96	93
Kenora	—	—	—	—	—	—	—	—
Keswick	98	91	91	85	78	95	87	94
Kincardine	96	88	56	100	78	94	91	67
King City	—	84	87	84	33	98	—	88
Kingston	82	76	77	64	69	82	67	81
Kingsville	66	100	96	98	77	4	85	62
Kirkland Lake	84	85	88	94	100	—	—	75
Kitchener	86	83	78	77	70	82	80	95
Leamington	69	56	86	100	78	95	77	56
Lindsay	96	57	83	78	84	69	65	80
Listowel	91	—	—	—	80	92	—	98
Lively	85	84	90	86	—	—	79	100
London	75	68	85	82	77	83	74	81
Manotick	—	81	94	93	—	99	—	—
Maple	100	90	87	83	99	83	89	91
Markham	81	86	81	72	67	85	61	91
Meaford	87	91	—	100	—	—	—	—

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

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Midland	70	92	92	53	81	93	16	82
Milton	69	89	91	88	84	96	72	98
Mississauga	78	78	86	78	69	81	79	86
Napanee	90	83	87	91	55	56	92	91
Navan	—	—	—	—	—	—	—	—
New Hamburg	—	—	—	—	—	—	100	—
Newmarket	70	65	83	58	36	61	86	71
Niagara Falls	76	44	71	67	66	92	80	88
North Bay	71	78	84	68	81	90	93	94
North York	82	69	83	79	77	85	90	74
Oakville	90	75	83	91	78	90	85	88
Orangeville	92	45	90	86	47	92	58	70
Orillia	84	81	77	74	60	92	54	71
Oshawa	82	82	90	77	81	76	75	89
Ottawa	78	74	77	75	60	89	90	93
Owen Sound	78	84	69	60	97	90	95	85
Paris	85	—	87	45	87	32	—	93
Parry Sound	97	86	51	87	78	100	78	95
Pembroke	47	88	79	62	70	77	100	100
Penetanguishene	86	85	51	59	82	85	92	67
Perth	90	95	93	100	52	100	24	96
Petawawa	100	98	—	—	95	100	98	100
Peterborough	86	80	77	81	81	83	82	91
Pickering	82	76	79	88	73	64	98	92
Port Colborne	59	59	88	70	90	62	99	81
Port Hope	93	60	62	99	78	68	80	73
Port Perry	89	92	89	93	—	100	0	73
Port Stanley	—	—	—	83	—	—	—	100
Renfrew	94	53	92	100	92	100	100	100
Richmond Hill	79	77	85	83	79	64	62	87
Rockland	44	83	—	95	90	81	—	—
Russell	—	—	—	—	—	—	—	—
Sarnia	85	74	72	74	77	84	77	82
Sault Ste. Marie	84	85	89	75	62	67	88	92
Scarborough	85	77	85	73	78	89	77	87
Simcoe	96	63	63	70	92	100	80	89
Sioux Lookout	—	—	—	—	—	—	—	—
Smiths Falls	64	71	91	93	95	59	95	100
St. Catharine	73	80	88	84	65	77	75	92
St. Mary's	100	—	—	84	100	81	—	88
St. Thomas	94	97	92	48	68	88	71	72
Stouffville	85	89	66	84	89	53	68	90
Stratford	76	92	68	66	84	74	91	93
Strathroy	95	—	59	27	12	100	78	94
Sturgeon	—	—	—	—	—	—	81	59
Sudbury	74	67	71	59	57	67	93	93
Thornhill	83	77	83	75	51	75	75	81
Thunder Bay	86	83	83	75	88	89	88	87
Tillsonburg	0	75	87	—	41	69	85	76
Timmins	69	87	77	72	62	52	82	72
Toronto	77	80	81	83	76	82	73	85
Trenton	59	64	100	88	42	94	77	64
Uxbridge	85	98	89	51	20	93	80	89
Val Caron	85	93	86	83	76	—	—	—
Wallaceburg	85	92	53	0	97	82	31	98
Wasaga Beach	—	—	—	—	—	—	—	—
Welland	78	75	71	98	68	73	75	80
Weston	73	62	90	82	66	82	72	85
Whitby	67	61	86	76	80	91	81	74
Willowdale	87	74	81	84	75	83	74	86
Windsor	79	78	76	83	77	80	76	84
Woodbridge	86	77	87	94	60	88	76	87
Woodstock	95	95	92	63	31	100	85	92
Rural	82	82	79	81	71	81	76	86
Other	75	73	83	79	84	79	68	89

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: Score by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Acton	—	—	13	62	100	6	—	—
Ajax	84	51	33	66	94	78	89	76
Alliston	—	—	—	0	—	—	71	—
Amherstburg	94	84	76	64	—	100	—	48
Arnprior	—	—	—	—	—	—	—	—
Aurora	—	79	30	45	100	54	53	75
Aylmer West	—	—	—	—	—	—	—	—
Barrie	61	69	63	74	89	71	26	79
Belleville	89	94	21	60	70	79	94	100
Bolton	—	—	—	—	52	—	—	100
Bowmanville	59	50	87	63	41	81	88	1
Bracebridge	—	—	—	—	—	—	80	75
Bradford	—	—	—	—	—	—	—	—
Brampton	84	94	79	55	75	50	87	55
Brantford	66	54	0	75	98	92	58	56
Brockville	91	—	51	—	44	70	81	82
Burlington	80	86	76	44	87	75	67	80
Caledon	—	—	—	—	—	—	—	—
Caledonia	—	32	—	100	—	—	93	93
Cambridge	77	70	46	92	100	74	72	78
Carleton Place	—	—	—	—	—	—	—	74
Chatham	70	87	75	70	90	50	100	0
Cobourg	57	—	47	70	0	—	39	—
Collingwood	—	—	—	—	100	—	84	73
Concord	—	—	—	—	—	—	—	—
Cornwall	50	19	80	90	78	84	51	30
Cumberland	—	—	—	—	—	—	—	—
Delhi	—	—	—	—	—	—	47	—
Downsview	83	68	66	55	81	72	45	56
Dryden	—	—	—	—	—	—	—	—
Dunnville	—	—	—	—	—	—	—	89
East Gwillimbury	—	—	83	—	—	—	—	—
Elliot Lake	—	53	—	76	40	11	73	34
Elmira	—	—	—	—	—	—	—	—
Espanola	—	—	—	—	—	—	—	—
Essex	—	0	68	—	—	67	—	—
Etobicoke	76	72	43	77	83	53	94	59
Fergus	—	—	—	—	—	—	39	—
Fort Erie	84	54	—	—	—	—	—	43
Fort Frances	—	—	—	—	—	—	—	—
Gananoque	—	—	—	—	—	—	—	—
Garson	—	—	—	—	—	—	—	—
Georgetown	88	37	86	75	59	91	74	41
Goderich	—	91	—	100	90	—	0	—
Gravenhurst	—	—	—	—	—	45	—	—
Greely	—	—	—	—	—	—	—	—
Grimsby	83	—	—	—	85	21	29	92
Guelph	83	66	73	15	76	46	46	68
Hamilton	71	66	36	33	68	77	46	56
Hanmer	—	—	—	—	—	—	—	—
Hanover	—	—	—	—	—	—	—	—
Hawkesbury	—	—	—	78	—	—	—	—
Huntsville	—	—	—	—	—	—	—	—
Ingersoll	—	—	—	—	—	—	—	—
Innisfil	—	—	—	—	—	—	—	85
Kapuskasing	—	—	—	—	—	83	—	—
Kenora	—	—	—	—	—	—	—	—
Keswick	—	82	21	—	39	—	—	—
Kincardine	—	—	—	—	—	—	—	—
King City	—	—	—	—	—	—	—	—
Kingston	58	76	18	41	48	37	80	37
Kingsville	—	—	—	—	—	44	—	—
Kirkland Lake	—	—	—	—	—	—	—	—
Kitchener	83	72	72	51	76	70	57	66
Leamington	93	100	18	98	86	—	61	—
Lindsay	—	80	—	—	6	100	100	95
Listowel	—	—	—	—	—	—	—	—
Lively	—	—	—	—	—	—	—	—
London	81	70	70	75	85	75	71	60
Manotick	—	—	75	—	—	—	—	—
Maple	—	—	100	100	—	100	70	59
Markham	75	79	57	61	99	77	100	68
Meaford	60	—	—	—	—	—	—	—

Craniotomy Mortality: Score by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Midland	—	100	87	15	—	—	—	—
Milton	90	55	—	99	86	0	99	56
Mississauga	70	55	57	67	84	60	78	64
Napanee	100	—	—	—	96	—	—	—
Navan	—	—	—	—	—	—	—	—
New Hamburg	—	—	—	—	—	—	—	—
Newmarket	87	75	75	75	84	100	66	76
Niagara Falls	63	62	22	3	58	73	60	70
North Bay	85	76	64	34	54	52	74	59
North York	84	22	47	54	49	53	69	90
Oakville	72	46	8	35	74	73	49	69
Orangeville	90	—	22	68	86	99	37	26
Orillia	0	52	44	97	77	85	49	82
Oshawa	81	60	48	35	83	82	50	55
Ottawa	78	72	58	55	91	71	56	62
Owen Sound	65	4	100	56	96	—	73	—
Paris	—	—	—	100	—	—	—	—
Parry Sound	—	86	—	—	—	—	—	—
Pembroke	75	67	93	26	—	65	59	85
Penetanguishene	100	—	—	—	—	—	—	—
Perth	—	—	—	—	—	—	—	—
Petawawa	—	—	—	—	—	—	—	—
Peterborough	72	71	42	46	63	87	79	90
Pickering	83	80	57	10	77	60	59	35
Port Colborne	—	—	—	75	—	—	—	19
Port Hope	—	—	72	—	68	—	—	—
Port Perry	—	—	—	73	—	—	—	—
Port Stanley	—	—	—	—	—	—	—	—
Renfrew	—	—	—	—	—	—	—	—
Richmond Hill	56	83	32	63	85	100	57	56
Rockland	—	—	—	—	—	—	—	—
Russell	—	—	—	—	—	—	—	—
Sarnia	67	89	32	94	93	86	78	60
Sault Ste. Marie	71	76	17	56	90	78	61	86
Scarborough	79	69	54	71	87	71	81	69
Simcoe	71	56	—	62	—	—	—	27
Sioux Lookout	—	—	—	—	—	—	—	—
Smiths Falls	89	—	73	—	78	—	—	85
St. Catharine	84	75	63	72	86	64	53	82
St. Mary's	—	—	67	—	—	—	—	—
St. Thomas	96	63	92	53	94	84	94	66
Stouffville	—	—	—	—	—	77	—	—
Stratford	—	—	76	74	98	—	76	85
Strathroy	—	—	—	—	—	—	50	—
Sturgeon	—	—	—	—	—	—	—	—
Sudbury	48	44	32	9	87	15	75	66
Thornhill	90	79	32	98	79	87	73	87
Thunder Bay	81	70	95	81	99	87	73	64
Tillsonburg	—	—	63	—	96	—	—	41
Timmins	—	66	79	47	86	100	—	—
Toronto	82	63	52	48	78	73	66	88
Trenton	90	—	—	—	60	27	54	100
Uxbridge	—	—	—	—	—	—	—	—
Val Caron	—	—	—	—	—	—	—	—
Wallaceburg	—	—	—	—	—	94	—	—
Wasaga Beach	—	—	—	—	—	—	—	—
Welland	53	61	81	31	83	1	41	48
Weston	73	63	58	20	78	62	78	95
Whitby	79	90	47	51	52	80	88	58
Willowdale	77	83	47	4	84	74	67	58
Windsor	84	50	53	36	71	75	56	66
Woodbridge	89	77	60	89	56	63	72	53
Woodstock	88	100	100	—	73	67	82	79
Rural	75	70	56	63	85	70	69	68
Other	72	67	62	46	89	62	56	72

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: Score by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Acton	—	—	—	—	97	0	90	98
Ajax	98	95	93	98	100	99	93	96
Alliston	—	95	98	97	97	98	89	98
Amherstburg	99	0	89	98	98	100	89	96
Arnprior	97	—	—	—	97	99	88	97
Aurora	98	96	89	97	100	99	100	96
Aylmer West	99	96	98	—	98	98	89	99
Barrie	97	100	100	98	97	90	100	79
Belleville	99	97	91	98	100	100	93	97
Bolton	98	95	—	—	97	98	91	96
Bowmanville	98	96	89	98	98	99	100	96
Bracebridge	98	95	89	98	98	99	90	96
Bradford	97	96	—	98	—	25	92	—
Brampton	98	96	90	97	97	100	90	97
Brantford	98	96	95	98	100	99	100	79
Brockville	—	—	—	99	—	99	93	96
Burlington	98	96	98	90	89	99	98	98
Caledon	—	—	—	—	—	—	—	—
Caledonia	97	95	89	99	100	—	91	96
Cambridge	98	95	100	97	97	99	92	98
Carleton Place	—	—	—	—	—	—	93	98
Chatham	98	96	93	98	98	99	93	97
Cobourg	97	97	95	99	98	99	97	96
Collingwood	97	—	88	98	98	99	94	96
Concord	—	—	—	—	—	—	—	—
Cornwall	97	96	95	97	97	98	94	97
Cumberland	—	—	—	—	—	—	—	—
Delhi	98	96	—	98	98	—	89	96
Downsview	99	96	91	100	100	98	100	82
Dryden	—	—	89	—	—	100	—	96
Dunnville	—	96	91	97	98	40	89	96
East Gwillimbury	—	—	—	—	97	—	91	99
Elliot Lake	98	95	91	98	97	98	89	100
Elmira	98	—	88	98	—	98	90	11
Espanola	—	95	—	—	—	—	97	—
Essex	97	95	87	99	—	98	—	98
Etobicoke	92	96	76	100	93	93	97	98
Fergus	—	—	—	—	—	—	96	96
Fort Erie	97	96	89	99	97	98	90	96
Fort Frances	—	—	94	—	—	—	—	—
Gananoque	99	98	90	97	—	99	—	97
Garson	—	—	—	—	—	—	—	—
Georgetown	97	—	89	99	97	98	92	97
Goderich	98	96	89	97	99	98	98	96
Gravenhurst	98	—	98	—	97	63	89	98
Greely	—	—	—	—	—	—	—	—
Grimsby	98	99	89	98	98	98	96	97
Guelph	97	95	89	98	97	98	91	97
Hamilton	98	92	90	100	95	97	85	92
Hanmer	—	95	89	—	97	98	89	96
Hanover	—	—	—	—	—	—	89	96
Hawkesbury	—	—	—	—	—	—	—	95
Huntsville	97	95	100	97	97	98	91	96
Ingersoll	97	97	89	100	98	100	90	97
Innisfil	—	—	—	—	98	98	89	97
Kapuskasing	—	—	—	—	—	—	—	—
Kenora	—	—	94	—	—	—	—	—
Keswick	98	96	89	98	—	99	89	97
Kincardine	97	95	—	—	97	99	89	96
King City	—	—	—	97	—	—	88	96
Kingston	98	96	56	98	100	90	92	91
Kingsville	25	96	—	99	97	98	99	96
Kirkland Lake	—	—	—	—	—	—	—	—
Kitchener	98	96	97	98	98	99	95	91
Leamington	20	96	98	98	0	100	100	99
Lindsay	55	20	90	98	51	99	90	98
Listowel	—	—	—	—	—	98	—	98
Lively	—	—	—	98	97	99	89	97
London	98	91	90	98	95	92	84	83
Manotick	—	—	100	—	97	98	100	98
Maple	97	96	—	98	97	98	88	96
Markham	65	96	94	98	97	99	94	81
Meaford	—	95	—	97	—	98	—	—

Hip Replacement Mortality: Score by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Midland	97	95	91	—	98	98	93	0
Milton	—	97	91	97	97	99	89	96
Mississauga	99	98	90	98	99	99	78	92
Napanee	99	95	91	27	97	100	99	96
Navan	—	—	—	—	—	—	—	—
New Hamburg	—	—	—	—	—	—	91	97
Newmarket	98	95	91	97	98	100	91	97
Niagara Falls	78	95	90	75	79	95	90	96
North Bay	98	97	89	97	98	85	90	97
North York	98	96	29	98	98	99	10	98
Oakville	85	76	93	99	98	99	91	97
Orangeville	98	97	90	97	97	98	92	96
Orillia	98	1	92	98	97	99	89	97
Oshawa	98	96	90	98	86	99	100	100
Ottawa	98	100	80	98	95	98	87	92
Owen Sound	97	95	89	98	97	99	89	97
Paris	98	95	91	—	—	98	90	96
Parry Sound	97	98	89	97	36	98	94	100
Pembroke	98	96	—	97	97	98	92	96
Penetanguishene	—	95	89	97	97	99	93	96
Perth	—	—	—	—	—	98	95	97
Petawawa	—	—	—	—	—	98	91	—
Peterborough	98	96	93	98	98	99	68	84
Pickering	97	95	0	98	97	99	90	96
Port Colborne	100	95	88	97	97	98	92	98
Port Hope	0	99	92	0	97	98	90	97
Port Perry	99	97	100	98	97	100	93	95
Port Stanley	—	—	—	—	—	—	—	—
Renfrew	97	—	97	98	—	46	89	100
Richmond Hill	99	97	88	98	97	88	37	80
Rockland	—	—	—	—	—	34	—	96
Russell	—	—	—	—	—	—	—	—
Sarnia	98	96	39	98	100	98	90	80
Sault Ste. Marie	80	95	91	98	97	99	90	97
Scarborough	98	84	93	94	99	97	80	98
Simcoe	97	95	88	100	98	99	94	98
Sioux Lookout	—	—	—	—	—	—	—	—
Smiths Falls	97	96	89	—	97	99	89	96
St. Catharine	98	96	63	98	81	99	81	98
St. Mary's	97	—	—	—	—	—	89	96
St. Thomas	98	97	90	100	98	99	0	66
Stouffville	97	98	89	98	97	98	96	98
Stratford	63	97	91	98	97	99	91	98
Strathroy	—	96	89	100	98	99	95	96
Sturgeon	—	—	—	—	—	—	90	97
Sudbury	98	97	90	98	98	98	93	97
Thornhill	97	95	90	97	98	99	93	97
Thunder Bay	89	96	93	100	98	90	93	96
Tillsonburg	36	95	95	98	46	100	89	40
Timmins	97	94	92	98	97	100	99	99
Toronto	93	94	89	93	97	98	97	93
Trenton	97	95	90	98	97	99	100	96
Uxbridge	—	—	97	—	98	99	89	96
Val Caron	—	—	—	—	—	—	89	96
Wallaceburg	—	95	91	97	97	99	90	98
Wasaga Beach	—	—	—	—	—	—	—	96
Welland	99	99	92	98	98	100	96	98
Weston	98	96	91	86	100	83	92	96
Whitby	98	96	96	98	66	83	90	97
Willowdale	92	96	100	98	98	93	92	88
Windsor	91	96	97	98	98	100	73	97
Woodbridge	97	97	100	97	97	98	90	96
Woodstock	98	20	88	100	98	79	90	66
Rural	97	93	72	96	96	97	85	95
Other	97	95	91	98	98	99	93	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

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Acute Myocardial Infarction (AMI) Mortality: Score by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Acton	—	—	—	—	—	40	75	64
Ajax	—	—	—	—	—	75	62	53
Alliston	—	—	—	—	—	75	9	41
Amherstburg	—	—	—	—	—	73	66	47
Arnprior	—	—	—	—	—	51	19	64
Aurora	—	—	—	—	—	72	42	66
Aylmer West	—	—	—	—	—	78	61	61
Barrie	—	—	—	—	—	73	55	58
Belleville	—	—	—	—	—	71	45	71
Bolton	—	—	—	—	—	81	69	63
Bowmanville	—	—	—	—	—	69	73	58
Bracebridge	—	—	—	—	—	68	28	60
Bradford	—	—	—	—	—	74	83	78
Brampton	—	—	—	—	—	73	56	66
Brantford	—	—	—	—	—	74	45	57
Brockville	—	—	—	—	—	64	32	51
Burlington	—	—	—	—	—	74	56	68
Caledon	—	—	—	—	—	—	—	—
Caledonia	—	—	—	—	—	92	79	67
Cambridge	—	—	—	—	—	71	39	57
Carleton Place	—	—	—	—	—	65	51	31
Chatham	—	—	—	—	—	74	55	52
Cobourg	—	—	—	—	—	62	67	49
Collingwood	—	—	—	—	—	52	59	44
Concord	—	—	—	—	—	72	76	77
Cornwall	—	—	—	—	—	62	45	60
Cumberland	—	—	—	—	—	63	—	76
Delhi	—	—	—	—	—	82	60	44
Downsview	—	—	—	—	—	74	46	48
Dryden	—	—	—	—	—	64	19	64
Dunnville	—	—	—	—	—	48	38	63
East Gwillimbury	—	—	—	—	—	52	—	77
Elliot Lake	—	—	—	—	—	55	38	54
Elmira	—	—	—	—	—	0	59	90
Espanola	—	—	—	—	—	59	63	72
Essex	—	—	—	—	—	85	83	49
Etobicoke	—	—	—	—	—	75	52	55
Fergus	—	—	—	—	—	74	31	47
Fort Erie	—	—	—	—	—	83	30	38
Fort Frances	—	—	—	—	—	54	28	63
Gananoque	—	—	—	—	—	74	54	35
Garson	—	—	—	—	—	100	—	70
Georgetown	—	—	—	—	—	76	40	60
Goderich	—	—	—	—	—	54	4	52
Gravenhurst	—	—	—	—	—	65	32	59
Greely	—	—	—	—	—	81	100	40
Grimsby	—	—	—	—	—	33	61	41
Guelph	—	—	—	—	—	64	40	58
Hamilton	—	—	—	—	—	71	59	62
Hanmer	—	—	—	—	—	75	81	76
Hanover	—	—	—	—	—	73	37	76
Hawkesbury	—	—	—	—	—	58	62	56
Huntsville	—	—	—	—	—	74	40	72
Ingersoll	—	—	—	—	—	93	44	73
Innisfil	—	—	—	—	—	82	65	69
Kapuskasing	—	—	—	—	—	60	53	43
Kenora	—	—	—	—	—	59	41	42
Keswick	—	—	—	—	—	63	62	65
Kincardine	—	—	—	—	—	84	53	84
King City	—	—	—	—	—	38	45	100
Kingston	—	—	—	—	—	75	55	60
Kingsville	—	—	—	—	—	57	47	78
Kirkland Lake	—	—	—	—	—	87	70	25
Kitchener	—	—	—	—	—	77	52	63
Leamington	—	—	—	—	—	78	40	86
Lindsay	—	—	—	—	—	68	79	63
Listowel	—	—	—	—	—	49	39	64
Lively	—	—	—	—	—	66	39	42
London	—	—	—	—	—	76	61	60
Manotick	—	—	—	—	—	87	81	98
Maple	—	—	—	—	—	74	47	61
Markham	—	—	—	—	—	69	52	50
Meaford	—	—	—	—	—	74	35	76

Acute Myocardial Infarction (AMI) Mortality: Score by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Midland	—	—	—	—	—	69	28	48
Milton	—	—	—	—	—	60	54	28
Mississauga	—	—	—	—	—	72	56	57
Napanee	—	—	—	—	—	71	71	54
Navan	—	—	—	—	—	—	81	—
New Hamburg	—	—	—	—	—	—	46	85
Newmarket	—	—	—	—	—	65	64	59
Niagara Falls	—	—	—	—	—	71	33	49
North Bay	—	—	—	—	—	65	44	59
North York	—	—	—	—	—	75	63	59
Oakville	—	—	—	—	—	68	48	64
Orangeville	—	—	—	—	—	74	32	68
Orillia	—	—	—	—	—	53	64	52
Oshawa	—	—	—	—	—	72	62	66
Ottawa	—	—	—	—	—	73	55	58
Owen Sound	—	—	—	—	—	69	61	69
Paris	—	—	—	—	—	85	57	78
Parry Sound	—	—	—	—	—	60	54	36
Pembroke	—	—	—	—	—	60	49	38
Penetanguishene	—	—	—	—	—	68	59	61
Perth	—	—	—	—	—	68	44	50
Petawawa	—	—	—	—	—	71	65	19
Peterborough	—	—	—	—	—	63	43	50
Pickering	—	—	—	—	—	84	48	58
Port Colborne	—	—	—	—	—	51	55	38
Port Hope	—	—	—	—	—	73	46	41
Port Perry	—	—	—	—	—	76	93	76
Port Stanley	—	—	—	—	—	68	55	77
Renfrew	—	—	—	—	—	86	49	43
Richmond Hill	—	—	—	—	—	74	64	68
Rockland	—	—	—	—	—	92	61	61
Russell	—	—	—	—	—	55	18	72
Sarnia	—	—	—	—	—	78	66	67
Sault Ste. Marie	—	—	—	—	—	71	53	59
Scarborough	—	—	—	—	—	75	49	55
Simcoe	—	—	—	—	—	67	64	36
Sioux Lookout	—	—	—	—	—	51	87	—
Smiths Falls	—	—	—	—	—	92	26	52
St. Catharine	—	—	—	—	—	64	45	50
St. Mary's	—	—	—	—	—	55	55	58
St. Thomas	—	—	—	—	—	67	63	68
Stouffville	—	—	—	—	—	88	48	67
Stratford	—	—	—	—	—	88	52	73
Strathroy	—	—	—	—	—	87	5	46
Sturgeon	—	—	—	—	—	2	24	44
Sudbury	—	—	—	—	—	73	47	49
Thornhill	—	—	—	—	—	80	58	60
Thunder Bay	—	—	—	—	—	64	54	53
Tillsonburg	—	—	—	—	—	57	62	61
Timmins	—	—	—	—	—	66	53	71
Toronto	—	—	—	—	—	70	55	60
Trenton	—	—	—	—	—	45	46	63
Uxbridge	—	—	—	—	—	71	15	40
Val Caron	—	—	—	—	—	61	0	33
Wallaceburg	—	—	—	—	—	74	40	79
Wasaga Beach	—	—	—	—	—	—	—	0
Welland	—	—	—	—	—	71	61	70
Weston	—	—	—	—	—	69	37	50
Whitby	—	—	—	—	—	76	54	67
Willowdale	—	—	—	—	—	63	55	65
Windsor	—	—	—	—	—	72	53	52
Woodbridge	—	—	—	—	—	73	45	48
Woodstock	—	—	—	—	—	71	73	69
Rural	—	—	—	—	—	71	52	56
Other	—	—	—	—	—	71	53	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)

Congestive Heart Failure (CHF) Mortality: Score by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Acton	30	25	49	89	95	69	42	66
Ajax	52	41	81	74	67	77	66	52
Alliston	57	5	33	80	64	80	66	80
Amherstburg	49	71	90	79	72	87	57	45
Arnprior	81	58	73	89	50	70	62	58
Aurora	45	35	58	62	73	93	72	36
Aylmer West	68	41	86	83	43	91	51	80
Barrie	66	61	70	72	55	81	61	63
Belleville	78	56	55	66	64	80	59	76
Bolton	42	97	85	85	71	75	78	78
Bowmanville	57	55	46	65	25	65	66	49
Bracebridge	81	77	73	74	83	94	38	33
Bradford	93	53	100	95	15	81	99	42
Brampton	66	66	76	67	75	84	72	60
Brantford	67	61	75	80	65	82	67	49
Brockville	60	58	46	70	55	88	58	20
Burlington	73	53	66	78	67	81	55	66
Caledon	—	—	—	—	—	—	—	—
Caledonia	96	76	100	75	79	81	38	27
Cambridge	71	76	63	71	51	75	66	57
Carleton Place	84	73	63	69	87	83	68	97
Chatham	62	65	56	76	68	81	53	64
Cobourg	87	93	79	60	63	77	35	18
Collingwood	72	75	51	75	49	62	59	34
Concord	56	93	61	97	81	86	79	73
Cornwall	60	34	46	41	32	68	57	54
Cumberland	38	49	41	—	49	100	—	50
Delhi	42	85	94	47	12	69	61	54
Downsview	71	60	72	78	43	81	69	65
Dryden	35	23	74	96	15	70	65	72
Dunnville	48	50	38	67	11	63	50	52
East Gwillimbury	24	95	65	91	95	—	93	95
Elliot Lake	72	61	53	68	22	60	86	51
Elmira	77	72	36	46	99	100	52	66
Espanola	82	0	65	46	19	97	49	70
Essex	58	66	73	61	46	80	74	54
Etobicoke	69	62	62	71	64	81	64	59
Fergus	77	84	83	68	66	98	55	46
Fort Erie	74	64	55	58	60	68	51	66
Fort Frances	80	69	78	71	57	81	68	64
Gananoque	78	30	65	61	56	46	30	75
Garson	—	32	51	68	0	98	94	0
Georgetown	36	57	81	79	73	81	44	54
Goderich	64	76	83	75	62	88	54	51
Gravenhurst	95	53	77	62	84	90	68	67
Greely	—	89	—	—	—	—	—	18
Grimsby	70	33	66	21	38	81	43	88
Guelph	69	51	68	72	69	74	60	50
Hamilton	68	64	64	75	65	83	63	67
Hanmer	46	63	89	55	89	82	16	76
Hanover	72	95	76	81	93	68	82	79
Hawkesbury	48	24	34	2	24	61	56	22
Huntsville	50	56	67	56	99	66	79	89
Ingersoll	82	60	54	58	82	87	80	76
Innisfil	—	—	—	80	50	83	64	63
Kapuskasing	95	51	58	50	94	70	51	58
Kenora	57	72	90	74	57	79	69	64
Keswick	92	75	74	71	90	86	100	70
Kincardine	40	40	18	74	81	100	18	72
King City	100	83	99	93	8	98	71	93
Kingston	54	36	63	68	56	78	66	54
Kingsville	57	62	60	69	57	82	59	52
Kirkland Lake	80	46	58	58	73	86	81	66
Kitchener	70	55	69	70	59	79	54	73
Leamington	68	82	74	73	28	98	82	55
Lindsay	65	45	51	76	76	79	74	37
Listowel	57	33	65	25	96	40	97	97
Lively	94	100	45	0	100	79	13	49
London	60	48	59	62	57	82	66	59
Manotick	—	—	—	3	—	—	67	24
Maple	77	70	76	52	67	94	96	88
Markham	65	66	61	62	40	81	55	68
Meaford	40	97	38	83	62	68	76	92

Congestive Heart Failure (CHF) Mortality: Score by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Midland	61	54	60	56	62	83	50	66
Milton	83	89	24	55	57	80	58	63
Mississauga	58	51	52	62	61	81	60	62
Napanee	74	52	80	66	44	69	27	35
Navan	48	—	—	64	—	—	—	68
New Hamburg	—	—	—	—	—	—	91	25
Newmarket	70	49	65	87	68	85	59	75
Niagara Falls	68	52	60	69	48	74	43	51
North Bay	66	42	51	61	59	77	31	53
North York	60	68	74	81	68	80	49	69
Oakville	67	49	62	76	66	80	83	66
Orangeville	81	63	65	72	91	95	63	71
Orillia	68	67	69	79	76	63	55	55
Oshawa	57	58	52	69	59	78	66	71
Ottawa	66	51	59	68	78	79	55	67
Owen Sound	58	57	38	75	59	89	80	59
Paris	80	57	54	53	68	81	64	45
Parry Sound	57	80	75	89	91	87	73	69
Pembroke	60	52	59	65	35	82	63	49
Penetanguishene	61	58	65	70	86	85	81	75
Perth	60	72	56	63	39	96	18	28
Petawawa	7	40	74	35	69	0	62	100
Peterborough	43	47	53	68	65	81	49	50
Pickering	69	56	67	67	68	81	82	56
Port Colborne	80	40	77	70	58	79	52	47
Port Hope	63	79	25	92	41	80	53	46
Port Perry	53	55	82	72	67	82	100	68
Port Stanley	0	95	67	90	—	84	—	—
Renfrew	60	70	67	100	41	74	14	31
Richmond Hill	46	49	69	68	63	85	67	72
Rockland	59	67	0	100	87	74	0	73
Russell	—	—	—	—	—	100	92	86
Sarnia	69	52	68	65	62	80	53	62
Sault Ste. Marie	66	68	63	78	73	85	58	63
Scarborough	71	56	63	70	67	84	66	66
Simcoe	73	90	55	69	6	74	66	56
Sioux Lookout	55	34	61	—	90	100	57	61
Smiths Falls	50	72	68	41	52	76	46	65
St. Catharine	54	46	61	71	54	81	55	53
St. Mary's	82	52	74	39	64	89	56	69
St. Thomas	70	48	68	64	44	76	72	68
Stouffville	68	62	65	62	55	58	94	53
Stratford	86	84	72	90	80	78	51	80
Strathroy	75	39	59	57	2	91	60	47
Sturgeon	—	—	—	—	88	70	74	81
Sudbury	62	53	51	63	62	82	61	58
Thornhill	75	91	74	78	52	86	77	68
Thunder Bay	64	47	58	72	72	83	64	73
Tillsonburg	45	57	66	72	63	82	64	24
Timmins	70	71	75	82	63	82	70	63
Toronto	72	66	67	70	61	82	66	69
Trenton	91	61	73	73	34	88	46	21
Uxbridge	64	35	57	51	65	65	70	53
Val Caron	—	57	—	—	—	95	71	91
Wallaceburg	54	50	52	43	41	72	69	48
Wasaga Beach	—	—	—	—	—	—	—	51
Welland	58	62	65	68	78	72	43	65
Weston	73	69	67	72	76	87	77	55
Whitby	59	48	37	59	86	88	56	71
Willowdale	51	58	63	70	74	85	72	70
Windsor	63	59	64	75	61	84	66	60
Woodbridge	63	66	78	78	61	82	67	68
Woodstock	72	44	67	49	55	73	54	38
Rural	67	59	60	71	62	79	61	63
Other	63	70	70	78	60	80	76	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

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Acute Stroke Mortality: Score by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Acton	21	25	11	24	79	55	17	41
Ajax	45	58	38	52	66	71	69	68
Alliston	59	76	14	47	58	39	30	87
Amherstburg	32	74	54	44	62	73	61	56
Arnprior	87	55	49	51	73	66	76	66
Aurora	66	61	47	63	45	59	54	74
Aylmer West	36	0	58	52	71	68	67	68
Barrie	64	51	68	80	81	69	64	75
Belleville	62	56	67	39	58	57	39	84
Bolton	4	46	38	24	81	83	35	65
Bowmanville	63	71	39	37	58	58	57	76
Bracebridge	53	74	27	25	80	54	39	41
Bradford	58	63	61	48	60	75	35	99
Brampton	55	76	43	76	75	73	74	71
Brantford	63	57	44	69	65	70	55	65
Brockville	43	38	36	36	54	47	49	51
Burlington	27	50	61	56	62	64	48	64
Caledon	—	—	—	—	—	—	—	—
Caledonia	74	57	40	48	87	84	45	50
Cambridge	58	48	43	46	41	62	55	64
Carleton Place	69	61	20	40	65	81	64	25
Chatham	67	57	47	67	60	56	53	62
Cobourg	36	38	32	37	55	50	30	64
Collingwood	13	39	61	31	32	74	40	35
Concord	23	76	—	64	65	81	46	22
Cornwall	41	42	38	40	53	49	45	46
Cumberland	—	—	—	—	—	—	—	—
Delhi	19	83	71	44	31	58	23	79
Downsview	47	52	64	45	39	63	49	61
Dryden	71	10	44	53	40	47	0	46
Dunnville	66	23	23	42	59	70	48	61
East Gwillimbury	55	88	91	84	89	—	73	—
Elliot Lake	33	20	32	57	61	0	30	66
Elmira	43	—	67	91	—	5	7	50
Espanola	6	72	39	68	—	67	100	—
Essex	24	51	59	55	77	97	77	64
Etobicoke	43	56	52	56	69	66	56	64
Fergus	72	62	59	49	81	67	72	45
Fort Erie	75	51	18	43	71	79	37	69
Fort Frances	80	60	28	57	86	58	41	77
Gananoque	42	49	61	16	50	48	64	27
Garson	7	38	70	72	65	—	85	—
Georgetown	31	72	48	72	61	71	48	50
Goderich	70	65	72	60	90	70	72	62
Gravenhurst	79	51	70	36	23	59	31	55
Greely	—	—	35	—	—	85	59	—
Grimsby	28	58	15	59	67	47	46	76
Guelph	50	48	46	48	49	59	57	52
Hamilton	48	61	50	63	67	69	61	70
Hanmer	63	92	80	69	73	74	—	66
Hanover	83	60	44	62	64	67	34	39
Hawkesbury	60	68	37	91	61	79	72	72
Huntsville	71	71	52	38	38	41	48	76
Ingersoll	46	46	41	50	67	73	52	0
Innisfil	—	—	—	100	77	77	60	87
Kapuskasing	65	80	44	27	49	88	31	53
Kenora	3	48	39	2	10	64	53	86
Keswick	29	80	41	49	74	72	63	80
Kincardine	47	88	22	40	51	58	49	59
King City	87	100	94	96	70	—	78	—
Kingston	50	69	41	54	56	56	43	66
Kingsville	73	43	69	76	65	83	72	63
Kirkland Lake	48	27	6	17	60	46	11	68
Kitchener	56	50	54	44	53	66	42	58
Leamington	65	78	61	66	73	67	73	100
Lindsay	58	65	58	53	83	51	43	60
Listowel	52	80	32	40	24	62	27	54
Lively	78	79	42	39	34	49	67	61
London	58	63	52	55	57	75	54	70
Manotick	100	95	71	82	—	—	40	59
Maple	61	64	58	80	100	99	64	73
Markham	49	53	39	51	54	72	49	63
Meaford	54	32	31	50	45	76	38	91

Acute Stroke Mortality: Score by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Midland	61	35	48	48	27	56	49	73
Milton	59	30	62	0	32	54	39	46
Mississauga	51	48	41	51	58	67	63	64
Napanee	81	78	25	29	55	40	68	68
Navan	—	—	—	58	—	—	93	—
New Hamburg	—	—	—	—	—	—	48	62
Newmarket	61	47	63	75	60	55	57	46
Niagara Falls	44	50	60	40	64	60	49	65
North Bay	61	41	32	43	42	49	39	73
North York	43	48	47	75	61	76	53	68
Oakville	45	46	46	46	54	65	68	69
Orangeville	70	31	58	58	56	72	62	71
Orillia	43	55	63	66	53	60	52	67
Oshawa	55	59	53	46	62	64	56	67
Ottawa	56	50	52	69	68	73	57	65
Owen Sound	73	20	62	54	71	61	69	74
Paris	45	94	32	56	69	83	60	63
Parry Sound	47	51	62	68	62	58	56	72
Pembroke	50	66	46	49	59	50	58	44
Penetanguishene	42	24	45	32	54	61	37	82
Perth	60	50	11	71	34	65	49	63
Petawawa	27	2	0	31	38	100	—	83
Peterborough	54	64	48	57	48	59	41	60
Pickering	57	64	50	57	44	58	59	71
Port Colborne	0	3	53	41	36	63	47	49
Port Hope	33	59	81	49	39	65	67	34
Port Perry	19	42	18	44	71	54	68	38
Port Stanley	—	—	—	—	86	71	—	—
Renfrew	32	38	58	97	24	50	45	33
Richmond Hill	44	68	65	58	75	76	60	71
Rockland	71	82	100	82	68	76	46	47
Russell	—	—	—	—	—	—	—	—
Sarnia	53	47	51	56	50	75	48	70
Sault Ste. Marie	57	63	50	62	57	71	59	60
Scarborough	54	57	50	57	61	69	58	71
Simcoe	17	22	9	66	35	51	44	47
Sioux Lookout	—	—	—	—	—	—	—	—
Smiths Falls	44	46	56	56	33	66	40	53
St. Catharine	50	64	47	52	50	64	51	65
St. Mary's	76	28	89	52	52	78	52	—
St. Thomas	53	52	43	55	67	65	60	56
Stouffville	48	26	32	31	6	80	68	69
Stratford	77	85	81	73	78	65	68	93
Strathroy	4	79	39	22	21	67	44	64
Sturgeon	—	—	—	—	92	86	7	54
Sudbury	58	58	31	51	50	60	50	70
Thornhill	69	68	54	62	71	83	60	67
Thunder Bay	53	65	57	57	64	70	52	63
Tillsonburg	44	66	61	23	0	71	56	44
Timmins	65	83	48	71	41	49	53	59
Toronto	53	59	49	56	64	71	60	74
Trenton	68	70	81	66	61	64	53	45
Uxbridge	65	20	67	49	53	24	73	44
Val Caron	68	65	94	66	69	86	68	—
Wallaceburg	42	24	46	40	73	66	54	77
Wasaga Beach	—	—	—	—	—	—	—	—
Welland	55	39	45	49	61	64	50	79
Weston	35	59	55	64	60	71	48	62
Whitby	56	74	47	39	31	71	70	69
Willowdale	49	58	59	49	65	67	57	65
Windsor	53	57	60	60	52	72	64	70
Woodbridge	52	53	48	84	55	73	67	82
Woodstock	54	50	54	57	69	76	39	62
Rural	52	58	54	55	60	64	51	66
Other	45	37	32	45	45	70	57	62

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: Score by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Acton	32	—	100	83	100	91	54	100
Ajax	88	93	92	64	90	99	96	66
Alliston	95	86	78	97	42	53	62	23
Amherstburg	52	100	71	99	76	95	71	5
Arnprior	96	63	92	18	100	96	90	84
Aurora	50	69	86	71	100	63	65	86
Aylmer West	90	77	80	100	81	93	81	90
Barrie	85	81	86	80	81	81	81	74
Belleville	90	62	65	69	82	49	73	51
Bolton	77	50	99	100	59	75	65	48
Bowmanville	82	84	93	50	94	79	83	98
Bracebridge	82	82	100	37	89	75	99	39
Bradford	99	97	44	67	100	75	91	67
Brampton	93	98	95	88	96	82	78	78
Brantford	84	92	84	83	90	77	77	67
Brockville	85	91	87	71	95	81	88	73
Burlington	91	85	100	88	93	66	79	65
Caledon	—	—	—	—	—	—	—	—
Caledonia	73	99	39	—	100	99	89	53
Cambridge	75	94	100	80	86	80	74	86
Carleton Place	93	94	90	100	100	99	100	53
Chatham	64	79	90	80	100	80	77	78
Cobourg	54	67	95	71	83	74	62	62
Collingwood	74	82	66	92	87	78	61	90
Concord	70	100	100	100	100	88	89	28
Cornwall	90	93	81	73	89	70	77	79
Cumberland	—	—	—	—	—	—	—	—
Delhi	96	81	100	100	100	85	28	12
Downsview	77	86	94	83	91	76	62	33
Dryden	99	86	62	35	82	63	90	91
Dunnville	95	56	87	91	93	67	98	52
East Gwillimbury	84	—	—	—	—	100	91	16
Elliot Lake	94	100	100	83	78	52	76	54
Elmira	—	40	—	100	100	1	0	77
Espanola	37	98	31	11	—	100	44	82
Essex	95	0	84	99	80	100	38	50
Etobicoke	79	89	84	89	89	76	63	57
Fergus	66	54	85	97	100	79	98	69
Fort Erie	83	91	99	69	69	91	91	30
Fort Frances	91	66	78	79	98	74	90	100
Gananoque	—	67	54	100	0	91	89	90
Garson	—	—	—	100	96	32	100	93
Georgetown	85	92	100	43	60	67	100	46
Goderich	80	94	100	70	95	80	93	88
Gravenhurst	100	—	100	0	100	63	92	59
Greely	—	—	—	—	—	—	37	100
Grimsby	70	66	53	100	65	74	92	31
Guelph	72	91	87	93	87	72	61	71
Hamilton	77	89	82	90	91	75	74	76
Hanmer	100	100	0	97	100	100	98	100
Hanover	50	77	94	83	94	76	95	41
Hawkesbury	100	100	100	100	51	84	33	100
Huntsville	84	100	100	65	100	73	70	86
Ingersoll	91	67	74	100	98	68	99	95
Innisfil	—	—	—	—	87	84	50	60
Kapuskasing	94	100	100	87	100	63	75	32
Kenora	97	73	73	58	100	60	76	88
Keswick	70	50	88	100	55	92	76	100
Kincardine	69	93	94	100	54	96	82	69
King City	84	100	—	26	—	90	34	64
Kingston	83	92	81	95	88	64	91	85
Kingsville	89	100	90	96	80	68	78	79
Kirkland Lake	90	87	99	83	92	71	97	59
Kitchener	83	81	70	90	87	85	81	64
Leamington	67	84	80	70	99	49	90	85
Lindsay	29	89	47	74	95	72	99	67
Listowel	56	52	53	60	76	17	90	61
Lively	100	70	100	100	100	100	57	45
London	78	85	84	72	97	83	70	70
Manotick	—	97	38	—	—	—	93	92
Maple	100	73	83	100	100	94	92	64
Markham	76	100	91	82	65	74	52	70
Meaford	91	67	94	55	42	84	89	92

Gastrointestinal Hemorrhage Mortality: Score by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Midland	50	63	78	75	73	70	53	86
Milton	90	98	95	100	71	98	70	93
Mississauga	86	95	98	96	94	79	83	78
Napanee	40	87	99	100	86	100	86	73
Navan	—	—	—	—	—	—	—	81
New Hamburg	—	—	—	—	—	—	—	28
Newmarket	57	79	96	40	84	87	93	41
Niagara Falls	63	88	84	84	81	79	72	48
North Bay	75	90	65	79	73	79	80	62
North York	73	74	100	82	94	65	69	82
Oakville	75	83	96	93	97	85	80	80
Orangeville	84	88	85	61	93	100	97	86
Orillia	72	87	36	74	57	83	83	63
Oshawa	68	86	76	67	94	83	78	44
Ottawa	72	82	76	63	87	84	79	68
Owen Sound	82	82	100	52	86	71	76	84
Paris	56	99	67	53	78	0	77	26
Parry Sound	100	84	35	94	100	81	57	86
Pembroke	80	88	97	82	80	43	68	49
Penetanguishene	100	100	86	65	90	55	98	68
Perth	49	54	86	99	95	75	93	57
Petawawa	87	—	88	—	94	100	88	0
Peterborough	97	82	86	100	72	72	74	56
Pickering	76	100	83	60	90	78	56	100
Port Colborne	87	84	82	99	82	76	66	41
Port Hope	93	100	100	60	63	63	96	46
Port Perry	100	100	100	44	62	100	94	69
Port Stanley	93	—	93	16	100	39	—	—
Renfrew	2	77	81	62	82	86	77	76
Richmond Hill	97	88	100	100	88	73	83	78
Rockland	97	—	94	100	—	87	28	59
Russell	—	—	—	—	—	—	—	91
Sarnia	75	82	73	88	83	84	82	69
Sault Ste. Marie	81	90	89	86	98	97	86	70
Scarborough	80	89	81	86	84	79	75	57
Simcoe	73	83	100	100	100	61	77	81
Sioux Lookout	88	95	17	—	96	90	84	—
Smiths Falls	0	52	93	68	94	35	48	18
St. Catharine	86	88	84	65	85	77	65	55
St. Mary's	44	72	94	49	94	80	57	82
St. Thomas	82	87	100	93	90	73	79	87
Stouffville	53	82	100	100	87	88	96	33
Stratford	98	99	100	100	89	97	100	60
Strathroy	81	100	62	64	73	93	69	18
Sturgeon	—	—	—	—	—	93	34	90
Sudbury	79	89	100	62	79	70	92	66
Thornhill	86	79	91	95	100	78	87	79
Thunder Bay	94	89	100	100	94	78	82	74
Tillsonburg	70	67	57	53	83	65	63	59
Timmins	89	91	95	88	94	88	80	59
Toronto	77	86	87	68	86	78	76	63
Trenton	72	100	100	65	86	100	71	96
Uxbridge	90	100	77	46	69	67	92	94
Val Caron	—	—	—	99	100	29	90	93
Wallaceburg	46	62	53	97	89	96	97	46
Wasaga Beach	—	—	—	—	—	—	—	74
Welland	85	76	67	94	91	66	62	70
Weston	78	88	71	63	97	82	71	56
Whitby	77	95	100	85	93	74	87	88
Willowdale	71	80	79	72	94	83	71	74
Windsor	86	93	87	70	83	69	79	73
Woodbridge	100	100	87	64	100	84	77	84
Woodstock	95	97	82	78	97	71	89	92
Rural	79	89	83	76	85	75	79	66
Other	67	77	93	68	83	83	85	71

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: Score by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Acton	93	—	95	43	—	—	45	91
Ajax	87	89	66	61	91	69	81	81
Alliston	—	87	95	57	71	61	76	91
Amherstburg	93	43	94	83	89	27	91	67
Arnprior	—	—	93	—	—	87	—	94
Aurora	70	93	59	30	95	80	76	50
Aylmer West	53	88	71	5	21	71	82	76
Barrie	92	62	88	84	91	69	80	67
Belleville	79	49	79	73	88	70	77	75
Bolton	86	92	81	94	100	48	92	65
Bowmanville	81	88	92	62	65	61	72	77
Bracebridge	95	92	80	97	95	100	70	91
Bradford	64	0	57	46	40	64	69	62
Brampton	74	61	81	67	57	81	70	70
Brantford	82	60	82	85	87	63	75	84
Brockville	60	53	80	59	59	34	76	73
Burlington	70	54	80	80	80	70	71	55
Caledon	—	—	—	—	—	—	—	—
Caledonia	—	96	—	37	99	51	94	56
Cambridge	89	73	91	73	93	79	87	91
Carleton Place	—	—	—	83	99	94	92	92
Chatham	89	70	88	74	92	86	72	63
Cobourg	65	56	61	73	71	91	93	57
Collingwood	77	92	84	55	58	71	69	89
Concord	—	—	—	—	—	—	100	62
Cornwall	87	69	68	51	92	85	85	64
Cumberland	—	—	—	—	—	—	—	—
Delhi	68	24	—	95	—	28	—	—
Downsview	83	64	85	61	51	67	64	65
Dryden	—	—	—	—	—	—	54	—
Dunnville	72	76	95	92	54	89	93	63
East Gwillimbury	—	—	—	—	67	90	—	—
Elliot Lake	0	48	52	77	94	89	68	61
Elmira	—	35	—	90	100	93	43	66
Espanola	—	—	—	—	46	—	—	—
Essex	93	—	69	100	0	36	55	45
Etobicoke	83	60	80	72	72	69	75	73
Fergus	76	64	82	96	36	—	93	88
Fort Erie	90	88	65	34	93	21	47	38
Fort Frances	79	69	60	90	57	74	79	68
Gananoque	84	92	57	53	40	0	45	45
Garson	92	—	65	—	—	—	—	—
Georgetown	100	97	74	31	91	72	83	62
Goderich	100	71	100	100	97	89	96	76
Gravenhurst	95	88	97	63	72	76	87	95
Greely	—	—	—	—	—	—	—	—
Grimsby	54	53	95	76	91	42	91	90
Guelph	87	73	80	87	85	60	87	81
Hamilton	77	56	74	63	70	77	76	79
Hanmer	39	—	—	—	—	—	—	—
Hanover	73	89	96	64	76	56	91	44
Hawkesbury	65	97	73	—	—	100	91	—
Huntsville	58	76	75	82	93	82	60	49
Ingersoll	90	87	94	87	93	43	73	38
Innisfil	—	—	—	—	76	100	66	90
Kapuskasing	—	94	100	—	—	—	94	—
Kenora	49	42	81	15	63	92	65	38
Keswick	77	84	76	45	75	47	63	89
Kincardine	62	—	—	99	47	—	71	52
King City	—	—	—	87	87	88	62	—
Kingston	77	66	84	66	59	50	49	66
Kingsville	26	38	54	100	86	32	89	25
Kirkland Lake	65	89	72	97	88	32	83	100
Kitchener	73	74	88	81	71	59	69	61
Leamington	73	96	96	72	76	58	78	93
Lindsay	72	17	90	96	75	82	81	75
Listowel	—	14	100	95	57	74	91	92
Lively	—	—	—	89	87	44	0	90
London	76	64	79	74	77	76	77	73
Manotick	—	—	—	—	—	—	—	—
Maple	—	30	100	0	8	89	73	78
Markham	77	55	75	83	49	37	73	72
Meaford	22	99	53	25	100	92	67	92

Hip Fracture Mortality: Score by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Midland	72	71	97	74	81	95	63	49
Milton	66	77	91	54	78	93	94	57
Mississauga	80	67	84	68	76	70	86	67
Napanee	92	44	26	88	59	73	70	64
Navan	—	—	—	—	—	—	—	—
New Hamburg	—	—	—	—	—	—	—	93
Newmarket	64	74	87	71	71	84	81	87
Niagara Falls	50	60	78	62	69	81	83	72
North Bay	56	45	59	11	30	49	54	46
North York	70	43	79	82	45	69	60	68
Oakville	82	65	91	71	79	80	72	82
Orangeville	82	81	83	73	100	98	73	75
Orillia	70	53	91	92	96	55	73	88
Oshawa	68	52	86	76	65	83	77	82
Ottawa	75	58	72	56	73	67	79	76
Owen Sound	95	57	89	42	72	55	77	83
Paris	74	91	100	47	100	58	81	89
Parry Sound	69	76	84	80	50	59	8	69
Pembroke	75	37	73	64	89	78	94	88
Penetanguishene	95	89	95	86	94	66	92	90
Perth	96	65	69	49	9	71	93	58
Petawawa	—	—	—	—	—	—	—	91
Peterborough	64	50	83	62	68	90	80	78
Pickering	93	49	95	52	41	96	75	50
Port Colborne	23	54	0	47	45	89	63	64
Port Hope	94	89	69	90	86	91	80	66
Port Perry	—	—	74	34	87	—	52	45
Port Stanley	—	—	—	—	—	—	—	—
Renfrew	63	25	96	89	94	67	95	60
Richmond Hill	96	66	76	78	69	75	84	68
Rockland	—	—	64	83	—	—	100	90
Russell	—	—	—	—	—	—	—	—
Sarnia	71	72	87	50	75	69	89	78
Sault Ste. Marie	79	85	79	66	85	77	76	72
Scarborough	75	67	77	71	71	73	74	69
Simcoe	63	100	91	21	100	66	67	81
Sioux Lookout	—	—	—	—	—	—	—	—
Smiths Falls	66	38	3	62	63	57	78	58
St. Catharine	66	38	67	68	61	88	69	70
St. Mary's	94	53	95	90	62	91	77	75
St. Thomas	70	54	86	30	79	74	67	72
Stouffville	92	50	99	77	64	89	80	88
Stratford	93	88	87	92	73	71	84	77
Strathroy	53	46	94	71	39	39	89	90
Sturgeon	—	—	—	—	—	86	—	0
Sudbury	60	50	83	69	50	64	74	81
Thornhill	85	99	92	95	77	83	77	62
Thunder Bay	82	70	78	92	80	89	80	64
Tillsonburg	93	46	80	87	100	57	77	76
Timmins	77	75	77	56	100	98	75	77
Toronto	74	60	82	60	65	68	76	71
Trenton	85	34	81	64	69	54	100	52
Uxbridge	92	89	73	39	87	—	93	—
Val Caron	—	—	—	—	—	91	91	44
Wallaceburg	72	70	93	57	90	66	76	66
Wasaga Beach	—	—	—	—	—	—	—	—
Welland	73	33	75	55	51	84	72	63
Weston	67	63	73	83	71	63	80	89
Whitby	78	81	75	48	88	70	82	84
Willowdale	74	61	77	58	71	73	81	73
Windsor	68	53	82	54	69	77	73	80
Woodbridge	56	68	86	100	56	55	78	74
Woodstock	84	80	80	44	71	52	89	66
Rural	76	67	82	69	73	75	77	70
Other	73	69	82	63	75	70	79	74

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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Pneumonia Mortality: Score by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Acton	66	69	96	91	20	26	40	78
Ajax	50	59	53	73	58	76	64	60
Alliston	55	20	68	33	29	48	28	63
Amherstburg	68	59	90	26	13	96	79	63
Arnprior	68	71	47	63	68	74	61	82
Aurora	44	34	31	53	9	45	54	66
Aylmer West	41	73	40	53	60	33	51	59
Barrie	65	57	66	54	54	65	64	57
Belleville	49	48	49	41	36	65	50	60
Bolton	65	60	69	81	16	48	50	84
Bowmanville	47	55	55	60	51	56	57	73
Bracebridge	40	56	67	57	0	41	65	73
Bradford	37	65	79	88	23	71	63	59
Brampton	43	62	69	65	65	68	51	60
Brantford	64	54	75	80	48	57	52	63
Brockville	53	32	79	47	38	34	22	35
Burlington	63	53	76	71	43	54	46	61
Caledon	—	—	—	—	33	—	—	—
Caledonia	74	50	100	93	57	75	69	87
Cambridge	56	61	66	68	50	52	46	71
Carleton Place	63	55	80	64	75	59	74	58
Chatham	51	55	52	62	37	40	39	68
Cobourg	58	47	69	32	31	53	21	27
Collingwood	68	65	74	54	40	68	34	36
Concord	48	37	98	10	5	26	58	65
Cornwall	47	62	57	65	54	51	66	61
Cumberland	—	69	—	—	—	36	—	—
Delhi	65	68	72	52	24	73	55	55
Downsview	52	41	58	45	21	50	45	49
Dryden	58	45	65	64	68	33	73	83
Dunnville	42	26	66	72	29	51	59	52
East Gwillimbury	0	100	0	97	77	—	62	72
Elliot Lake	32	56	72	46	49	40	79	68
Elmira	83	38	41	93	99	69	51	30
Espanola	81	68	51	72	30	69	51	69
Essex	46	49	46	16	68	70	43	46
Etobicoke	47	52	57	40	32	39	46	37
Fergus	67	56	70	82	56	78	51	81
Fort Erie	33	25	70	58	60	73	44	45
Fort Frances	60	29	60	62	86	66	33	51
Gananoque	36	45	76	78	47	81	74	49
Garson	55	49	52	0	56	17	84	9
Georgetown	61	45	53	82	78	65	52	72
Goderich	83	73	82	62	49	65	74	77
Gravenhurst	69	54	59	53	38	67	17	50
Greely	—	—	—	—	27	100	—	73
Grimsby	43	28	72	55	72	65	49	58
Guelph	42	57	70	53	40	47	57	59
Hamilton	58	56	69	61	59	58	55	66
Hanmer	54	39	46	67	59	85	83	38
Hanover	84	69	77	70	61	45	69	68
Hawkesbury	64	61	84	72	35	55	62	95
Huntsville	34	51	65	52	55	59	62	75
Ingersoll	42	56	50	53	52	77	40	68
Innisfil	—	—	—	87	85	73	79	67
Kapuskasing	52	54	78	51	60	67	73	70
Kenora	51	23	67	34	13	29	29	38
Keswick	28	51	46	59	57	38	39	66
Kincardine	67	53	66	75	49	66	68	66
King City	66	76	56	85	20	39	31	52
Kingston	37	52	63	66	59	53	46	68
Kingsville	53	56	64	72	30	59	51	84
Kirkland Lake	61	47	69	69	30	65	36	27
Kitchener	55	46	67	52	46	51	49	52
Leamington	53	80	70	74	55	56	81	60
Lindsay	56	60	79	54	65	63	58	64
Listowel	35	51	66	46	60	57	69	61
Lively	1	35	99	65	49	65	72	53
London	61	51	64	56	63	60	67	64
Manotick	—	—	56	100	100	95	46	100
Maple	23	36	44	81	66	57	64	63
Markham	61	67	68	35	41	38	35	27
Meaford	71	84	68	16	68	78	70	62

Pneumonia Mortality: Score by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Midland	37	59	50	58	66	66	39	69
Milton	46	73	72	75	40	61	37	58
Mississauga	45	51	57	49	39	42	42	53
Napanee	50	53	58	68	42	62	65	51
Navan	100	—	—	46	—	75	—	—
New Hamburg	—	—	—	—	—	—	100	13
Newmarket	41	55	54	64	49	46	59	43
Niagara Falls	66	63	62	66	49	57	58	52
North Bay	56	43	60	75	61	66	55	74
North York	42	46	51	32	38	42	44	59
Oakville	65	51	74	56	35	56	46	57
Orangeville	55	63	83	73	57	67	54	68
Orillia	74	69	63	56	47	62	41	61
Oshawa	54	48	60	62	48	61	49	67
Ottawa	59	49	67	60	60	62	56	62
Owen Sound	71	71	75	71	60	56	49	83
Paris	57	50	51	77	50	31	50	82
Parry Sound	74	60	70	51	59	41	81	65
Pembroke	42	49	51	36	54	49	30	58
Penetanguishene	41	50	58	63	50	65	58	67
Perth	29	31	45	60	18	48	56	33
Petawawa	22	30	62	70	61	75	82	88
Peterborough	50	32	57	52	24	43	38	45
Pickering	60	58	68	76	31	70	60	57
Port Colborne	54	42	46	60	82	78	44	49
Port Hope	41	54	52	53	3	54	57	22
Port Perry	79	24	49	86	79	35	8	48
Port Stanley	89	0	80	18	98	—	—	—
Renfrew	38	43	60	51	58	46	76	68
Richmond Hill	41	62	68	60	41	70	41	60
Rockland	40	92	32	85	51	63	59	69
Russell	7	—	—	—	—	—	—	—
Sarnia	64	40	59	71	57	50	56	69
Sault Ste. Marie	56	50	61	78	59	75	55	58
Scarborough	47	42	51	43	31	44	32	48
Simcoe	68	63	54	46	52	46	36	64
Sioux Lookout	28	64	33	58	61	20	26	85
Smiths Falls	51	30	48	17	19	36	42	44
St. Catharine	51	53	62	67	33	60	53	51
St. Mary's	52	80	52	60	80	77	79	65
St. Thomas	42	54	72	64	66	37	53	63
Stouffville	65	37	83	26	51	36	28	66
Stratford	70	65	83	84	63	76	64	63
Strathroy	86	62	58	60	33	38	43	78
Sturgeon	—	—	—	—	15	0	41	51
Sudbury	48	47	55	42	36	60	58	65
Thornhill	61	70	66	49	48	64	55	72
Thunder Bay	65	51	63	60	51	66	59	77
Tillsonburg	49	60	69	67	57	67	60	76
Timmins	69	68	75	50	63	64	64	77
Toronto	51	47	55	49	35	53	47	57
Trenton	60	69	66	69	51	61	24	43
Uxbridge	73	61	56	53	49	34	20	53
Val Caron	27	30	50	44	58	90	0	0
Wallaceburg	67	56	58	63	62	50	44	56
Wasaga Beach	—	—	—	—	—	—	—	71
Welland	76	57	77	72	41	68	67	65
Weston	61	58	67	58	48	60	40	65
Whitby	38	51	59	46	48	59	64	50
Willowdale	51	38	45	42	31	58	41	51
Windsor	46	45	55	54	46	58	55	62
Woodbridge	75	43	74	65	41	35	66	57
Woodstock	37	65	45	55	67	53	37	53
Rural	61	58	66	59	51	59	57	66
Other	48	53	66	58	57	60	61	73

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: Score by Municipality								
Municipality	**1997-1998**	**1998-1999**	**1999-2000**	**2000-2001**	**2001-2002**	**2002-2003**	**2003-2004**	**2004-2005**
Acton	—	96	95	94	0	—	—	—
Ajax	90	93	93	95	81	—	73	94
Alliston	84	4	88	99	95	—	83	100
Amherstburg	91	66	97	94	95	—	82	98
Arnprior	81	90	88	96	90	—	38	87
Aurora	82	93	89	94	89	—	95	99
Aylmer West	—	90	0	97	89	—	84	93
Barrie	91	93	94	93	85	—	48	91
Belleville	48	69	68	91	93	—	93	88
Bolton	90	—	87	55	26	—	85	89
Bowmanville	24	94	55	95	94	—	88	94
Bracebridge	100	50	91	96	95	—	92	100
Bradford	83	91	89	96	92	—	100	96
Brampton	74	92	92	95	92	—	82	79
Brantford	63	96	75	95	92	—	63	77
Brockville	92	91	89	91	80	—	94	86
Burlington	76	85	77	95	80	—	76	74
Caledon	—	—	—	—	—	—	—	—
Caledonia	82	—	88	100	47	—	100	90
Cambridge	87	91	90	95	89	—	70	96
Carleton Place	79	45	96	100	100	—	86	75
Chatham	88	56	90	95	80	—	68	93
Cobourg	—	72	89	97	89	—	83	76
Collingwood	—	95	90	49	93	—	100	69
Concord	—	—	88	94	89	—	99	—
Cornwall	95	95	81	93	87	—	71	94
Cumberland	—	—	—	—	88	—	—	86
Delhi	—	—	—	—	100	—	89	—
Downsview	13	77	87	93	70	—	90	67
Dryden	—	—	—	—	—	—	—	—
Dunnville	—	—	100	95	89	—	100	87
East Gwillimbury	—	—	—	94	91	—	9	89
Elliot Lake	100	100	88	81	96	—	96	72
Elmira	—	—	—	—	—	—	—	90
Espanola	—	100	89	94	96	—	90	—
Essex	91	90	90	95	89	—	81	91
Etobicoke	70	87	89	95	88	—	81	87
Fergus	—	—	—	95	100	—	87	90
Fort Erie	90	0	—	71	26	—	99	90
Fort Frances	—	—	—	—	—	—	—	—
Gananoque	—	92	57	78	32	—	44	22
Garson	—	100	100	61	87	—	86	88
Georgetown	89	91	97	95	55	—	91	100
Goderich	—	91	97	100	90	—	91	100
Gravenhurst	—	90	91	63	94	—	0	46
Greely	—	—	—	94	—	—	83	100
Grimsby	88	12	94	97	91	—	85	94
Guelph	89	95	94	96	93	—	83	97
Hamilton	58	88	76	86	80	—	72	82
Hanmer	100	100	89	70	89	—	95	88
Hanover	100	—	—	96	—	—	82	—
Hawkesbury	91	91	47	57	90	—	81	60
Huntsville	100	100	90	96	90	—	99	36
Ingersoll	100	—	90	69	94	—	85	100
Innisfil	—	—	—	—	87	—	82	96
Kapuskasing	100	100	92	96	99	—	89	92
Kenora	—	—	—	—	—	—	—	—
Keswick	92	89	91	95	93	—	96	58
Kincardine	—	90	97	94	88	—	84	88
King City	—	—	88	95	100	—	92	99
Kingston	84	74	80	93	71	—	63	79
Kingsville	81	—	—	100	90	—	82	52
Kirkland Lake	100	100	95	96	92	—	100	64
Kitchener	75	94	93	94	89	—	82	88
Leamington	81	90	89	95	89	—	88	92
Lindsay	82	97	69	85	69	—	87	83
Listowel	—	—	—	—	—	—	—	88
Lively	100	—	87	94	—	—	100	40
London	48	76	63	94	81	—	55	76
Manotick	—	91	89	100	100	—	85	93
Maple	82	7	97	95	92	—	51	89
Markham	89	92	91	95	89	—	85	80
Meaford	—	—	—	95	98	—	—	0

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

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Midland	93	100	88	95	91	—	81	100
Milton	82	90	100	97	88	—	22	100
Mississauga	80	89	90	93	87	—	72	81
Napanee	0	94	20	99	97	—	69	67
Navan	—	—	—	—	—	—	—	89
New Hamburg	—	—	—	—	—	—	83	100
Newmarket	88	93	72	95	92	—	88	95
Niagara Falls	65	76	79	83	88	—	72	76
North Bay	73	100	79	96	97	—	69	92
North York	73	88	83	94	70	—	93	78
Oakville	86	86	91	96	91	—	97	84
Orangeville	82	99	92	97	93	—	91	91
Orillia	91	92	89	97	92	—	85	79
Oshawa	71	92	90	96	95	—	91	85
Ottawa	69	84	84	93	85	—	81	83
Owen Sound	85	95	98	95	93	—	85	92
Paris	—	90	—	96	88	—	100	88
Parry Sound	—	100	—	94	89	—	81	88
Pembroke	89	93	93	96	92	—	86	92
Penetanguishene	99	—	92	75	91	—	89	89
Perth	79	90	65	81	92	—	83	89
Petawawa	—	90	88	—	100	—	26	85
Peterborough	92	85	82	97	90	—	79	87
Pickering	60	93	76	97	90	—	73	90
Port Colborne	87	90	95	78	92	—	96	73
Port Hope	100	92	100	94	88	—	83	88
Port Perry	97	94	88	98	95	—	93	43
Port Stanley	—	—	—	—	—	—	—	—
Renfrew	95	94	89	95	90	—	100	70
Richmond Hill	83	93	81	92	86	—	55	80
Rockland	95	90	100	95	—	—	87	99
Russell	—	—	—	99	93	—	81	91
Sarnia	84	92	79	95	91	—	75	90
Sault Ste. Marie	100	100	93	92	85	—	87	94
Scarborough	72	91	88	92	87	—	80	80
Simcoe	92	89	89	95	93	—	84	95
Sioux Lookout	—	—	—	—	—	—	—	—
Smiths Falls	50	99	92	62	99	—	100	100
St. Catharine	84	94	89	96	78	—	88	79
St. Mary's	—	—	91	95	—	—	100	89
St. Thomas	89	74	99	68	93	—	100	100
Stouffville	100	94	91	98	89	—	85	57
Stratford	91	93	92	98	100	—	86	52
Strathroy	—	95	94	95	89	—	100	14
Sturgeon	—	—	—	—	—	—	98	96
Sudbury	100	100	93	83	73	—	84	84
Thornhill	83	77	56	96	90	—	90	88
Thunder Bay	85	91	89	91	86	—	85	85
Tillsonburg	—	97	92	0	99	—	100	89
Timmins	100	100	94	95	100	—	55	89
Toronto	76	88	87	92	80	—	73	84
Trenton	82	90	57	98	75	—	70	92
Uxbridge	—	—	91	98	91	—	82	89
Val Caron	—	—	91	95	89	—	41	87
Wallaceburg	83	99	90	67	87	—	80	88
Wasaga Beach	—	—	—	—	—	—	—	—
Welland	86	93	92	97	90	—	79	74
Weston	88	84	94	91	73	—	80	88
Whitby	86	95	75	100	83	—	88	82
Willowdale	75	87	82	92	88	—	87	87
Windsor	87	91	87	91	92	—	78	91
Woodbridge	84	92	89	95	91	—	92	91
Woodstock	81	93	54	95	100	—	31	100
Rural	89	91	82	93	85	—	83	86
Other	85	86	82	85	86	—	92	91

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: Score by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Acton	—	—	—	—	—	—	—	—
Ajax	—	100	—	—	—	—	—	—
Alliston	—	—	—	—	—	—	—	89
Amherstburg	—	—	—	—	—	—	—	—
Arnprior	90	—	—	—	—	—	—	—
Aurora	—	91	—	—	—	—	—	—
Aylmer West	—	—	—	—	—	—	—	—
Barrie	0	100	100	97	100	97	90	34
Belleville	91	90	100	—	100	—	84	88
Bolton	—	—	—	—	—	—	—	—
Bowmanville	—	99	—	—	—	—	—	—
Bracebridge	93	—	—	—	—	—	—	100
Bradford	—	—	—	—	—	—	—	—
Brampton	50	100	96	95	98	98	100	100
Brantford	92	96	92	97	100	94	90	89
Brockville	—	91	92	—	—	—	—	—
Burlington	94	91	11	92	97	100	88	100
Caledon	—	—	—	—	—	—	—	—
Caledonia	—	—	—	—	—	—	—	—
Cambridge	92	91	—	92	100	95	85	0
Carleton Place	—	—	—	—	—	—	—	89
Chatham	94	90	95	97	96	—	80	—
Cobourg	—	99	—	—	96	—	80	—
Collingwood	—	100	92	—	—	95	100	100
Concord	—	—	—	—	—	—	—	—
Cornwall	100	91	100	100	95	10	—	—
Cumberland	—	—	—	—	—	—	—	—
Delhi	—	—	—	—	—	—	—	—
Downsview	91	100	48	92	99	100	100	32
Dryden	—	—	—	—	—	—	—	—
Dunnville	—	—	—	—	—	—	—	—
East Gwillimbury	—	—	—	—	—	—	—	—
Elliot Lake	91	91	97	98	100	93	—	86
Elmira	—	—	—	—	—	—	—	—
Espanola	—	94	—	—	—	—	—	—
Essex	—	—	—	—	—	—	—	—
Etobicoke	92	0	67	95	96	0	87	27
Fergus	—	—	—	—	—	—	—	—
Fort Erie	—	—	—	—	100	—	—	—
Fort Frances	—	—	—	—	—	—	—	—
Gananoque	—	—	—	—	—	—	—	—
Garson	—	—	—	—	—	—	—	—
Georgetown	—	—	—	—	—	—	—	—
Goderich	—	—	—	—	—	—	—	—
Gravenhurst	—	—	—	—	—	—	—	—
Greely	—	—	—	—	—	—	—	—
Grimsby	—	—	—	—	—	—	—	—
Guelph	90	94	100	92	96	52	79	89
Hamilton	46	94	55	95	99	78	96	82
Hanmer	88	—	91	—	—	93	80	—
Hanover	—	—	—	—	—	—	—	—
Hawkesbury	—	—	—	—	—	—	—	—
Huntsville	—	92	—	—	—	—	—	—
Ingersoll	—	—	—	—	—	—	—	—
Innisfil	—	—	—	92	100	100	86	88
Kapuskasing	90	—	93	—	96	—	—	—
Kenora	—	—	—	—	—	—	—	—
Keswick	—	100	—	—	—	—	—	—
Kincardine	—	—	—	—	—	—	—	—
King City	—	—	—	—	—	—	—	—
Kingston	100	91	91	97	99	97	81	88
Kingsville	—	—	—	—	—	—	—	—
Kirkland Lake	—	—	—	—	0	—	—	—
Kitchener	30	96	93	97	60	99	80	88
Leamington	—	—	92	—	—	—	—	—
Lindsay	—	100	—	—	100	—	—	88
Listowel	—	—	—	—	—	—	—	—
Lively	—	99	—	—	—	—	—	—
London	93	97	92	93	98	96	84	94
Manotick	—	—	—	—	—	—	—	—
Maple	—	—	—	—	—	—	—	—
Markham	100	100	91	—	100	—	—	—
Meaford	—	—	—	—	—	—	—	—

Carotid Endarterectomy Mortality: Score by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Midland	90	90	100	92	97	—	—	—
Milton	—	—	—	—	—	—	—	—
Mississauga	53	95	95	96	96	93	97	47
Napanee	—	—	—	—	—	—	—	—
Navan	—	—	—	—	—	—	—	—
New Hamburg	—	—	—	—	—	—	—	—
Newmarket	99	90	92	92	—	—	81	100
Niagara Falls	90	91	0	100	96	95	100	88
North Bay	90	91	100	92	98	94	79	92
North York	93	91	100	97	100	100	92	100
Oakville	100	99	100	92	96	100	—	89
Orangeville	—	—	—	—	96	—	—	—
Orillia	91	93	97	92	100	95	82	87
Oshawa	91	90	100	100	95	100	94	100
Ottawa	43	80	100	83	89	100	100	68
Owen Sound	—	—	—	94	—	—	—	—
Paris	—	—	—	—	—	—	—	—
Parry Sound	91	94	93	97	100	94	82	88
Pembroke	90	—	92	91	—	100	—	—
Penetanguishene	—	—	100	—	96	—	—	—
Perth	92	—	92	—	—	—	—	—
Petawawa	—	—	—	—	—	—	—	—
Peterborough	95	96	94	93	98	100	85	88
Pickering	89	—	100	—	100	—	—	—
Port Colborne	—	—	91	100	—	—	—	—
Port Hope	—	—	—	—	—	—	—	—
Port Perry	—	—	—	—	—	—	—	—
Port Stanley	—	—	—	—	—	—	—	—
Renfrew	—	—	—	—	—	—	—	—
Richmond Hill	90	91	100	98	100	94	96	100
Rockland	—	—	—	—	—	—	—	—
Russell	—	—	—	—	—	—	—	—
Sarnia	90	92	92	92	96	—	82	—
Sault Ste. Marie	41	94	94	93	95	96	0	96
Scarborough	65	66	98	82	100	75	38	97
Simcoe	—	—	—	93	—	—	—	—
Sioux Lookout	—	—	—	—	—	—	—	—
Smiths Falls	92	—	93	—	—	—	—	—
St. Catharine	32	99	96	100	97	100	100	97
St. Mary's	—	—	—	—	—	—	—	—
St. Thomas	94	90	—	98	97	—	—	—
Stouffville	—	—	—	—	—	—	—	—
Stratford	100	91	—	—	—	—	—	88
Strathroy	—	—	—	—	—	—	—	—
Sturgeon	—	—	—	—	—	—	—	90
Sudbury	92	54	53	52	96	94	85	32
Thornhill	99	93	93	100	98	—	83	100
Thunder Bay	51	95	95	95	96	96	100	44
Tillsonburg	—	92	—	—	—	—	—	—
Timmins	36	100	96	100	98	—	79	—
Toronto	74	64	62	90	89	100	100	99
Trenton	89	90	—	—	—	—	—	—
Uxbridge	—	—	—	—	—	—	—	—
Val Caron	—	—	—	—	—	—	—	—
Wallaceburg	—	—	93	—	—	—	—	—
Wasaga Beach	—	—	—	—	—	—	—	—
Welland	92	91	91	94	96	100	99	87
Weston	6	93	24	99	99	100	95	88
Whitby	89	93	91	93	95	—	100	—
Willowdale	33	96	93	100	97	100	90	100
Windsor	98	92	94	47	83	100	100	100
Woodbridge	—	—	—	—	95	94	80	98
Woodstock	—	—	93	—	—	—	—	—
Rural	82	93	81	79	90	98	55	87
Other	94	95	91	0	96	100	100	94

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)

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

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Acton	—	—	—	—	—	—	—	—
Ajax	—	—	—	—	—	69	74	86
Alliston	—	—	—	—	—	—	0	79
Amherstburg	—	—	—	—	—	—	65	—
Arnprior	—	—	—	—	—	—	—	67
Aurora	—	—	—	—	—	100	—	—
Aylmer West	—	—	—	—	—	93	40	—
Barrie	—	—	—	—	—	69	82	73
Belleville	—	—	—	—	—	74	42	75
Bolton	—	—	—	—	—	68	—	—
Bowmanville	—	—	—	—	—	0	88	50
Bracebridge	—	—	—	—	—	—	—	—
Bradford	—	—	—	—	—	—	—	—
Brampton	—	—	—	—	—	86	60	50
Brantford	—	—	—	—	—	55	67	65
Brockville	—	—	—	—	—	68	56	62
Burlington	—	—	—	—	—	49	49	73
Caledon	—	—	—	—	—	—	—	—
Caledonia	—	—	—	—	—	—	—	—
Cambridge	—	—	—	—	—	43	55	26
Carleton Place	—	—	—	—	—	—	—	—
Chatham	—	—	—	—	—	59	68	66
Cobourg	—	—	—	—	—	—	—	—
Collingwood	—	—	—	—	—	—	—	—
Concord	—	—	—	—	—	—	—	—
Cornwall	—	—	—	—	—	58	64	70
Cumberland	—	—	—	—	—	—	—	—
Delhi	—	—	—	—	—	—	—	—
Downsview	—	—	—	—	—	72	—	—
Dryden	—	—	—	—	—	—	—	—
Dunnville	—	—	—	—	—	—	—	—
East Gwillimbury	—	—	—	—	—	—	—	—
Elliot Lake	—	—	—	—	—	—	—	—
Elmira	—	—	—	—	—	—	—	—
Espanola	—	—	—	—	—	—	—	—
Essex	—	—	—	—	—	80	90	67
Etobicoke	—	—	—	—	—	68	57	52
Fergus	—	—	—	—	—	—	—	—
Fort Erie	—	—	—	—	—	—	—	—
Fort Frances	—	—	—	—	—	—	—	44
Gananoque	—	—	—	—	—	—	—	—
Garson	—	—	—	—	—	—	—	—
Georgetown	—	—	—	—	—	—	—	—
Goderich	—	—	—	—	—	—	—	25
Gravenhurst	—	—	—	—	—	—	—	41
Greely	—	—	—	—	—	—	100	71
Grimsby	—	—	—	—	—	46	—	22
Guelph	—	—	—	—	—	74	51	52
Hamilton	—	—	—	—	—	67	75	69
Hanmer	—	—	—	—	—	—	—	—
Hanover	—	—	—	—	—	—	—	—
Hawkesbury	—	—	—	—	—	46	—	—
Huntsville	—	—	—	—	—	—	—	—
Ingersoll	—	—	—	—	—	100	80	—
Innisfil	—	—	—	—	—	—	—	—
Kapuskasing	—	—	—	—	—	—	—	—
Kenora	—	—	—	—	—	27	—	—
Keswick	—	—	—	—	—	—	—	—
Kincardine	—	—	—	—	—	—	—	—
King City	—	—	—	—	—	—	—	—
Kingston	—	—	—	—	—	64	67	57
Kingsville	—	—	—	—	—	61	74	84
Kirkland Lake	—	—	—	—	—	—	—	34
Kitchener	—	—	—	—	—	62	30	43
Leamington	—	—	—	—	—	84	66	87
Lindsay	—	—	—	—	—	47	71	70
Listowel	—	—	—	—	—	—	—	—
Lively	—	—	—	—	—	—	—	—
London	—	—	—	—	—	72	78	74
Manotick	—	—	—	—	—	—	87	99
Maple	—	—	—	—	—	—	—	—
Markham	—	—	—	—	—	66	—	72
Meaford	—	—	—	—	—	—	—	—

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

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Midland	—	—	—	—	—	—	—	—
Milton	—	—	—	—	—	65	—	—
Mississauga	—	—	—	—	—	69	61	52
Napanee	—	—	—	—	—	65	—	59
Navan	—	—	—	—	—	—	—	—
New Hamburg	—	—	—	—	—	—	—	—
Newmarket	—	—	—	—	—	—	54	—
Niagara Falls	—	—	—	—	—	95	9	39
North Bay	—	—	—	—	—	37	58	93
North York	—	—	—	—	—	44	71	89
Oakville	—	—	—	—	—	43	73	61
Orangeville	—	—	—	—	—	—	—	—
Orillia	—	—	—	—	—	51	77	31
Oshawa	—	—	—	—	—	76	66	47
Ottawa	—	—	—	—	—	76	78	71
Owen Sound	—	—	—	—	—	71	60	51
Paris	—	—	—	—	—	—	—	—
Parry Sound	—	—	—	—	—	—	—	—
Pembroke	—	—	—	—	—	35	—	0
Penetanguishene	—	—	—	—	—	—	—	—
Perth	—	—	—	—	—	67	—	—
Petawawa	—	—	—	—	—	—	—	—
Peterborough	—	—	—	—	—	58	—	87
Pickering	—	—	—	—	—	85	67	67
Port Colborne	—	—	—	—	—	70	81	70
Port Hope	—	—	—	—	—	—	—	71
Port Perry	—	—	—	—	—	—	—	—
Port Stanley	—	—	—	—	—	—	—	—
Renfrew	—	—	—	—	—	100	79	34
Richmond Hill	—	—	—	—	—	75	79	75
Rockland	—	—	—	—	—	—	—	90
Russell	—	—	—	—	—	—	—	—
Sarnia	—	—	—	—	—	83	70	—
Sault Ste. Marie	—	—	—	—	—	58	74	100
Scarborough	—	—	—	—	—	59	59	62
Simcoe	—	—	—	—	—	—	56	76
Sioux Lookout	—	—	—	—	—	—	—	—
Smiths Falls	—	—	—	—	—	71	—	—
St. Catharine	—	—	—	—	—	62	41	43
St. Mary's	—	—	—	—	—	28	—	59
St. Thomas	—	—	—	—	—	57	61	77
Stouffville	—	—	—	—	—	81	—	—
Stratford	—	—	—	—	—	100	—	48
Strathroy	—	—	—	—	—	—	—	—
Sturgeon	—	—	—	—	—	—	—	10
Sudbury	—	—	—	—	—	66	48	—
Thornhill	—	—	—	—	—	99	100	—
Thunder Bay	—	—	—	—	—	41	76	63
Tillsonburg	—	—	—	—	—	—	—	—
Timmins	—	—	—	—	—	—	52	81
Toronto	—	—	—	—	—	65	70	80
Trenton	—	—	—	—	—	92	—	—
Uxbridge	—	—	—	—	—	—	69	—
Val Caron	—	—	—	—	—	—	—	—
Wallaceburg	—	—	—	—	—	—	—	—
Wasaga Beach	—	—	—	—	—	—	—	—
Welland	—	—	—	—	—	57	38	—
Weston	—	—	—	—	—	88	—	—
Whitby	—	—	—	—	—	92	58	76
Willowdale	—	—	—	—	—	44	87	80
Windsor	—	—	—	—	—	70	77	69
Woodbridge	—	—	—	—	—	—	—	25
Woodstock	—	—	—	—	—	96	74	—
Rural	—	—	—	—	—	64	72	62
Other	—	—	—	—	—	67	68	74

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: Score by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Acton	—	—	—	—	—	36	56	56
Ajax	—	—	—	—	—	56	43	48
Alliston	—	—	—	—	—	44	66	53
Amherstburg	—	—	—	—	—	33	61	42
Arnprior	—	—	—	—	—	48	44	31
Aurora	—	—	—	—	—	70	61	63
Aylmer West	—	—	—	—	—	65	71	56
Barrie	—	—	—	—	—	65	45	58
Belleville	—	—	—	—	—	57	41	54
Bolton	—	—	—	—	—	60	53	47
Bowmanville	—	—	—	—	—	46	41	38
Bracebridge	—	—	—	—	—	0	0	11
Bradford	—	—	—	—	—	72	48	50
Brampton	—	—	—	—	—	52	46	54
Brantford	—	—	—	—	—	65	64	62
Brockville	—	—	—	—	—	29	47	47
Burlington	—	—	—	—	—	56	56	63
Caledon	—	—	—	—	—	73	100	22
Caledonia	—	—	—	—	—	67	56	63
Cambridge	—	—	—	—	—	65	55	67
Carleton Place	—	—	—	—	—	50	40	58
Chatham	—	—	—	—	—	77	61	62
Cobourg	—	—	—	—	—	63	28	52
Collingwood	—	—	—	—	—	66	57	48
Concord	—	—	—	—	—	45	56	58
Cornwall	—	—	—	—	—	41	40	44
Cumberland	—	—	—	—	—	42	60	58
Delhi	—	—	—	—	—	43	30	58
Downsview	—	—	—	—	—	52	44	58
Dryden	—	—	—	—	—	34	46	47
Dunnville	—	—	—	—	—	40	29	20
East Gwillimbury	—	—	—	—	—	63	68	81
Elliot Lake	—	—	—	—	—	20	21	27
Elmira	—	—	—	—	—	75	46	58
Espanola	—	—	—	—	—	36	54	55
Essex	—	—	—	—	—	55	52	74
Etobicoke	—	—	—	—	—	63	55	62
Fergus	—	—	—	—	—	60	57	53
Fort Erie	—	—	—	—	—	63	67	61
Fort Frances	—	—	—	—	—	32	6	19
Gananoque	—	—	—	—	—	66	50	65
Garson	—	—	—	—	—	32	15	31
Georgetown	—	—	—	—	—	60	59	67
Goderich	—	—	—	—	—	46	77	67
Gravenhurst	—	—	—	—	—	42	1	18
Greely	—	—	—	—	—	45	81	51
Grimsby	—	—	—	—	—	45	23	50
Guelph	—	—	—	—	—	64	60	59
Hamilton	—	—	—	—	—	61	61	61
Hanmer	—	—	—	—	—	57	57	43
Hanover	—	—	—	—	—	32	78	62
Hawkesbury	—	—	—	—	—	73	70	81
Huntsville	—	—	—	—	—	40	21	31
Ingersoll	—	—	—	—	—	59	80	70
Innisfil	—	—	—	—	—	56	41	60
Kapuskasing	—	—	—	—	—	11	8	29
Kenora	—	—	—	—	—	70	51	44
Keswick	—	—	—	—	—	64	61	63
Kincardine	—	—	—	—	—	40	57	44
King City	—	—	—	—	—	58	79	81
Kingston	—	—	—	—	—	59	56	65
Kingsville	—	—	—	—	—	42	36	55
Kirkland Lake	—	—	—	—	—	17	29	0
Kitchener	—	—	—	—	—	59	49	55
Leamington	—	—	—	—	—	37	39	41
Lindsay	—	—	—	—	—	45	45	39
Listowel	—	—	—	—	—	62	37	58
Lively	—	—	—	—	—	50	72	55
London	—	—	—	—	—	74	69	69
Manotick	—	—	—	—	—	85	62	81
Maple	—	—	—	—	—	63	56	63
Markham	—	—	—	—	—	67	60	66
Meaford	—	—	—	—	—	59	66	100

Cesarean Section Delivery: Score by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Midland	—	—	—	—	—	32	27	31
Milton	—	—	—	—	—	53	63	68
Mississauga	—	—	—	—	—	70	65	69
Napanee	—	—	—	—	—	43	39	38
Navan	—	—	—	—	—	54	83	48
New Hamburg	—	—	—	—	—	46	40	60
Newmarket	—	—	—	—	—	77	62	65
Niagara Falls	—	—	—	—	—	68	55	64
North Bay	—	—	—	—	—	39	33	39
North York	—	—	—	—	—	54	55	62
Oakville	—	—	—	—	—	71	57	68
Orangeville	—	—	—	—	—	46	33	40
Orillia	—	—	—	—	—	45	31	40
Oshawa	—	—	—	—	—	39	33	41
Ottawa	—	—	—	—	—	67	59	62
Owen Sound	—	—	—	—	—	63	30	38
Paris	—	—	—	—	—	92	74	67
Parry Sound	—	—	—	—	—	43	23	34
Pembroke	—	—	—	—	—	61	44	52
Penetanguishene	—	—	—	—	—	35	25	34
Perth	—	—	—	—	—	47	56	43
Petawawa	—	—	—	—	—	54	37	67
Peterborough	—	—	—	—	—	70	41	53
Pickering	—	—	—	—	—	63	50	55
Port Colborne	—	—	—	—	—	43	34	35
Port Hope	—	—	—	—	—	28	30	48
Port Perry	—	—	—	—	—	44	30	52
Port Stanley	—	—	—	—	—	17	96	29
Renfrew	—	—	—	—	—	58	30	47
Richmond Hill	—	—	—	—	—	59	55	63
Rockland	—	—	—	—	—	73	46	63
Russell	—	—	—	—	—	100	50	85
Sarnia	—	—	—	—	—	73	53	64
Sault Ste. Marie	—	—	—	—	—	48	33	57
Scarborough	—	—	—	—	—	60	53	59
Simcoe	—	—	—	—	—	29	47	51
Sioux Lookout	—	—	—	—	—	49	23	32
Smiths Falls	—	—	—	—	—	42	34	53
St. Catharine	—	—	—	—	—	64	51	58
St. Mary's	—	—	—	—	—	46	59	50
St. Thomas	—	—	—	—	—	70	59	75
Stouffville	—	—	—	—	—	77	78	67
Stratford	—	—	—	—	—	32	4	51
Strathroy	—	—	—	—	—	60	50	45
Sturgeon	—	—	—	—	—	3	25	44
Sudbury	—	—	—	—	—	53	57	61
Thornhill	—	—	—	—	—	62	47	63
Thunder Bay	—	—	—	—	—	66	65	72
Tillsonburg	—	—	—	—	—	76	49	68
Timmins	—	—	—	—	—	43	36	42
Toronto	—	—	—	—	—	60	53	61
Trenton	—	—	—	—	—	62	38	53
Uxbridge	—	—	—	—	—	55	50	72
Val Caron	—	—	—	—	—	56	63	53
Wallaceburg	—	—	—	—	—	77	66	58
Wasaga Beach	—	—	—	—	—	—	45	84
Welland	—	—	—	—	—	34	44	36
Weston	—	—	—	—	—	57	55	56
Whitby	—	—	—	—	—	51	42	52
Willowdale	—	—	—	—	—	57	46	60
Windsor	—	—	—	—	—	61	49	60
Woodbridge	—	—	—	—	—	62	51	60
Woodstock	—	—	—	—	—	59	50	61
Rural	—	—	—	—	—	57	50	56
Other	—	—	—	—	—	68	59	63

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

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Acton	—	—	—	—	—	13	30	47
Ajax	—	—	—	—	—	44	31	27
Alliston	—	—	—	—	—	17	39	61
Amherstburg	—	—	—	—	—	34	90	47
Arnprior	—	—	—	—	—	16	23	0
Aurora	—	—	—	—	—	19	56	27
Aylmer West	—	—	—	—	—	24	100	38
Barrie	—	—	—	—	—	30	27	23
Belleville	—	—	—	—	—	28	29	15
Bolton	—	—	—	—	—	34	43	44
Bowmanville	—	—	—	—	—	35	54	26
Bracebridge	—	—	—	—	—	25	11	0
Bradford	—	—	—	—	—	39	16	36
Brampton	—	—	—	—	—	26	30	29
Brantford	—	—	—	—	—	49	62	49
Brockville	—	—	—	—	—	30	44	12
Burlington	—	—	—	—	—	36	56	32
Caledon	—	—	—	—	—	63	—	—
Caledonia	—	—	—	—	—	68	67	68
Cambridge	—	—	—	—	—	55	43	48
Carleton Place	—	—	—	—	—	46	31	32
Chatham	—	—	—	—	—	48	63	45
Cobourg	—	—	—	—	—	51	48	21
Collingwood	—	—	—	—	—	28	47	35
Concord	—	—	—	—	—	26	48	43
Cornwall	—	—	—	—	—	24	19	24
Cumberland	—	—	—	—	—	42	72	—
Delhi	—	—	—	—	—	—	81	42
Downsview	—	—	—	—	—	26	42	34
Dryden	—	—	—	—	—	25	31	60
Dunnville	—	—	—	—	—	16	11	19
East Gwillimbury	—	—	—	—	—	21	1	2
Elliot Lake	—	—	—	—	—	45	—	—
Elmira	—	—	—	—	—	50	30	18
Espanola	—	—	—	—	—	—	42	74
Essex	—	—	—	—	—	42	45	0
Etobicoke	—	—	—	—	—	35	40	40
Fergus	—	—	—	—	—	53	32	53
Fort Erie	—	—	—	—	—	29	16	18
Fort Frances	—	—	—	—	—	10	41	14
Gananoque	—	—	—	—	—	26	64	—
Garson	—	—	—	—	—	0	47	20
Georgetown	—	—	—	—	—	35	11	19
Goderich	—	—	—	—	—	19	70	51
Gravenhurst	—	—	—	—	—	20	0	0
Greely	—	—	—	—	—	21	95	24
Grimsby	—	—	—	—	—	35	21	20
Guelph	—	—	—	—	—	44	66	46
Hamilton	—	—	—	—	—	45	51	42
Hanmer	—	—	—	—	—	0	65	10
Hanover	—	—	—	—	—	40	87	—
Hawkesbury	—	—	—	—	—	100	0	100
Huntsville	—	—	—	—	—	36	0	27
Ingersoll	—	—	—	—	—	31	89	68
Innisfil	—	—	—	—	—	0	34	43
Kapuskasing	—	—	—	—	—	10	0	0
Kenora	—	—	—	—	—	58	34	39
Keswick	—	—	—	—	—	52	42	15
Kincardine	—	—	—	—	—	40	90	63
King City	—	—	—	—	—	—	—	—
Kingston	—	—	—	—	—	55	51	61
Kingsville	—	—	—	—	—	29	37	20
Kirkland Lake	—	—	—	—	—	0	85	40
Kitchener	—	—	—	—	—	49	42	40
Leamington	—	—	—	—	—	25	28	35
Lindsay	—	—	—	—	—	21	27	8
Listowel	—	—	—	—	—	67	42	19
Lively	—	—	—	—	—	0	26	33
London	—	—	—	—	—	82	84	62
Manotick	—	—	—	—	—	—	62	27
Maple	—	—	—	—	—	32	29	29
Markham	—	—	—	—	—	46	45	27
Meaford	—	—	—	—	—	29	—	—

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

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Midland	—	—	—	—	—	40	23	9
Milton	—	—	—	—	—	25	41	30
Mississauga	—	—	—	—	—	43	43	37
Napanee	—	—	—	—	—	11	52	20
Navan	—	—	—	—	—	61	72	30
New Hamburg	—	—	—	—	—	—	30	59
Newmarket	—	—	—	—	—	69	46	28
Niagara Falls	—	—	—	—	—	17	57	50
North Bay	—	—	—	—	—	29	15	36
North York	—	—	—	—	—	33	51	27
Oakville	—	—	—	—	—	36	27	26
Orangeville	—	—	—	—	—	13	18	9
Orillia	—	—	—	—	—	16	7	4
Oshawa	—	—	—	—	—	29	21	25
Ottawa	—	—	—	—	—	44	45	36
Owen Sound	—	—	—	—	—	19	51	37
Paris	—	—	—	—	—	92	63	76
Parry Sound	—	—	—	—	—	30	0	0
Pembroke	—	—	—	—	—	36	55	19
Penetanguishene	—	—	—	—	—	0	0	12
Perth	—	—	—	—	—	23	32	1
Petawawa	—	—	—	—	—	18	27	33
Peterborough	—	—	—	—	—	38	30	18
Pickering	—	—	—	—	—	37	37	35
Port Colborne	—	—	—	—	—	0	15	42
Port Hope	—	—	—	—	—	35	41	0
Port Perry	—	—	—	—	—	21	29	0
Port Stanley	—	—	—	—	—	—	—	—
Renfrew	—	—	—	—	—	30	23	0
Richmond Hill	—	—	—	—	—	33	30	29
Rockland	—	—	—	—	—	47	47	12
Russell	—	—	—	—	—	92	64	—
Sarnia	—	—	—	—	—	88	41	52
Sault Ste. Marie	—	—	—	—	—	45	22	41
Scarborough	—	—	—	—	—	45	49	38
Simcoe	—	—	—	—	—	40	60	26
Sioux Lookout	—	—	—	—	—	—	30	66
Smiths Falls	—	—	—	—	—	10	0	23
St. Catharine	—	—	—	—	—	46	36	34
St. Mary's	—	—	—	—	—	30	94	25
St. Thomas	—	—	—	—	—	71	58	50
Stouffville	—	—	—	—	—	41	31	28
Stratford	—	—	—	—	—	40	21	14
Strathroy	—	—	—	—	—	78	74	25
Sturgeon	—	—	—	—	—	28	53	0
Sudbury	—	—	—	—	—	36	49	40
Thornhill	—	—	—	—	—	28	35	30
Thunder Bay	—	—	—	—	—	51	81	58
Tillsonburg	—	—	—	—	—	48	35	33
Timmins	—	—	—	—	—	6	0	9
Toronto	—	—	—	—	—	43	35	34
Trenton	—	—	—	—	—	61	28	15
Uxbridge	—	—	—	—	—	51	23	18
Val Caron	—	—	—	—	—	0	1	28
Wallaceburg	—	—	—	—	—	73	81	36
Wasaga Beach	—	—	—	—	—	—	—	—
Welland	—	—	—	—	—	13	27	23
Weston	—	—	—	—	—	31	42	38
Whitby	—	—	—	—	—	35	18	27
Willowdale	—	—	—	—	—	34	29	37
Windsor	—	—	—	—	—	48	59	38
Woodbridge	—	—	—	—	—	29	26	21
Woodstock	—	—	—	—	—	48	28	42
Rural	—	—	—	—	—	41	43	34
Other	—	—	—	—	—	53	49	44

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: Score by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Acton	42	38	76	87	91	83	48	—
Ajax	55	59	54	48	57	69	83	67
Alliston	—	68	89	100	—	99	—	—
Amherstburg	25	23	28	56	22	31	61	32
Arnprior	65	73	70	72	49	85	98	83
Aurora	89	50	66	83	61	82	88	83
Aylmer West	75	68	66	80	82	86	88	75
Barrie	74	86	77	67	71	88	90	87
Belleville	75	64	46	65	69	73	58	84
Bolton	77	56	52	73	98	88	70	57
Bowmanville	74	71	60	80	74	75	64	63
Bracebridge	72	100	67	99	67	84	82	55
Bradford	79	80	80	66	68	—	97	98
Brampton	76	85	74	71	77	82	84	78
Brantford	57	58	66	75	71	74	73	72
Brockville	35	0	49	22	56	47	67	29
Burlington	83	78	84	88	82	86	77	70
Caledon	—	—	—	—	—	—	—	—
Caledonia	79	67	36	100	62	79	49	59
Cambridge	59	55	55	62	64	68	67	74
Carleton Place	76	53	58	61	40	66	—	87
Chatham	59	57	51	65	55	68	61	64
Cobourg	38	3	17	53	70	62	19	47
Collingwood	75	64	64	25	62	56	53	61
Concord	—	72	100	—	58	87	79	99
Cornwall	69	76	68	74	70	71	80	44
Cumberland	—	—	—	—	—	—	—	81
Delhi	53	39	5	62	54	84	82	48
Downsview	74	66	78	75	74	88	89	80
Dryden	90	87	87	82	69	88	88	97
Dunnville	67	61	79	77	84	80	56	38
East Gwillimbury	72	—	98	83	63	80	53	—
Elliot Lake	98	76	71	100	91	86	71	—
Elmira	88	70	74	100	—	—	61	—
Espanola	47	53	77	—	—	—	60	—
Essex	49	67	82	56	49	45	99	—
Etobicoke	59	53	53	68	69	77	73	73
Fergus	61	70	65	76	38	64	—	36
Fort Erie	87	80	88	57	67	93	76	82
Fort Frances	93	88	84	81	75	88	81	77
Gananoque	100	100	—	100	92	—	71	—
Garson	76	74	45	—	—	—	—	—
Georgetown	66	69	45	84	76	97	69	77
Goderich	93	92	79	91	35	—	50	—
Gravenhurst	45	77	53	74	71	—	81	—
Greely	—	—	77	—	—	—	82	—
Grimsby	85	77	82	70	60	74	46	58
Guelph	73	71	72	79	75	82	72	66
Hamilton	71	64	64	71	77	81	76	70
Hanmer	91	78	53	77	—	86	35	—
Hanover	79	78	79	90	67	92	64	68
Hawkesbury	80	74	68	79	87	87	72	98
Huntsville	73	49	70	71	70	88	72	87
Ingersoll	72	92	51	90	87	77	78	87
Innisfil	—	—	—	—	73	86	58	100
Kapuskasing	44	74	86	80	80	89	39	—
Kenora	41	68	67	63	79	77	73	70
Keswick	64	56	86	75	86	83	79	55
Kincardine	92	90	89	85	82	73	94	98
King City	—	81	—	—	34	—	43	—
Kingston	69	70	77	81	76	83	83	81
Kingsville	81	80	89	79	71	58	60	81
Kirkland Lake	92	83	50	71	70	68	75	88
Kitchener	80	61	56	65	76	74	58	51
Leamington	81	90	74	76	89	84	81	87
Lindsay	66	69	79	88	89	88	76	67
Listowel	80	61	14	0	43	32	25	—
Lively	53	69	—	77	59	100	—	—
London	51	40	44	55	58	64	45	52
Manotick	99	—	—	65	100	—	—	—
Maple	67	98	63	86	79	81	72	75
Markham	59	59	61	70	69	78	74	60
Meaford	47	44	52	71	60	—	100	—

Laparoscopic Cholecystectomy: Score by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Midland	66	78	78	74	58	75	75	45
Milton	76	57	68	73	58	88	74	88
Mississauga	67	61	63	62	70	80	80	84
Napanee	57	48	69	68	100	76	47	69
Navan	—	—	—	61	—	60	—	—
New Hamburg	—	—	—	—	—	—	100	82
Newmarket	78	84	73	80	80	91	80	73
Niagara Falls	65	63	58	66	59	63	67	75
North Bay	68	68	84	79	81	93	80	81
North York	86	79	74	77	72	84	90	88
Oakville	73	63	65	73	78	82	85	73
Orangeville	89	70	46	58	56	95	87	45
Orillia	38	21	22	50	79	81	61	58
Oshawa	63	55	58	59	67	79	73	55
Ottawa	73	72	61	73	74	74	73	75
Owen Sound	36	37	10	49	59	66	0	—
Paris	51	21	65	76	72	75	98	—
Parry Sound	48	62	70	44	78	79	51	48
Pembroke	57	66	57	53	80	88	60	86
Penetanguishene	87	90	64	66	36	62	53	12
Perth	60	65	14	—	38	—	37	—
Petawawa	65	45	—	—	—	—	80	53
Peterborough	68	61	53	67	69	82	81	79
Pickering	66	49	59	59	73	76	79	48
Port Colborne	40	71	48	63	70	70	60	—
Port Hope	58	64	64	70	70	72	—	—
Port Perry	95	46	25	69	96	68	—	100
Port Stanley	—	57	92	82	62	—	95	—
Renfrew	22	1	32	22	0	0	2	0
Richmond Hill	66	54	66	68	71	79	75	69
Rockland	70	78	69	71	56	99	35	—
Russell	84	—	—	84	—	—	53	—
Sarnia	67	66	54	64	68	73	67	60
Sault Ste. Marie	75	62	48	63	51	60	61	81
Scarborough	66	58	64	68	73	79	75	71
Simcoe	64	42	21	67	85	84	60	59
Sioux Lookout	59	75	82	75	75	99	88	88
Smiths Falls	82	66	63	78	75	—	76	—
St. Catharine	41	33	30	44	61	72	64	77
St. Mary's	—	—	—	25	23	—	27	—
St. Thomas	83	78	79	86	83	79	87	81
Stouffville	79	68	70	53	63	100	67	—
Stratford	37	26	17	44	42	69	30	34
Strathroy	87	76	77	77	87	80	74	92
Sturgeon	—	—	—	—	87	87	89	80
Sudbury	70	66	49	56	59	66	55	44
Thornhill	85	73	75	75	71	87	66	72
Thunder Bay	28	32	13	40	36	38	33	42
Tillsonburg	36	45	57	62	64	79	78	93
Timmins	0	16	0	47	36	72	65	77
Toronto	73	66	68	74	82	80	82	78
Trenton	85	74	77	73	69	87	87	73
Uxbridge	58	26	56	—	—	—	49	—
Val Caron	64	72	31	—	—	—	—	—
Wallaceburg	98	81	62	70	91	80	81	88
Wasaga Beach	—	—	—	—	—	—	—	—
Welland	56	60	77	79	78	85	81	90
Weston	65	62	54	64	82	74	78	75
Whitby	66	65	57	61	67	80	72	72
Willowdale	83	73	74	80	84	84	75	81
Windsor	53	51	47	60	49	39	43	44
Woodbridge	84	67	67	83	80	92	86	69
Woodstock	81	76	61	79	84	79	82	89
Rural	65	64	61	67	72	77	72	67
Other	70	66	66	70	75	78	70	66

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: Score by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Acton	62	18	99	100	19	—	—	—
Ajax	51	79	76	99	83	—	—	—
Alliston	99	97	100	98	100	—	—	—
Amherstburg	100	99	100	97	73	—	—	—
Arnprior	98	33	100	97	100	—	—	—
Aurora	73	95	99	98	73	—	—	—
Aylmer West	100	100	76	98	96	—	—	—
Barrie	85	63	56	87	83	—	—	—
Belleville	73	42	0	43	67	—	—	—
Bolton	100	91	50	100	99	—	—	—
Bowmanville	100	66	100	82	90	—	—	—
Bracebridge	97	45	93	48	22	—	—	—
Bradford	100	100	100	95	99	—	—	—
Brampton	87	76	87	90	91	—	—	—
Brantford	90	87	99	96	100	—	—	—
Brockville	96	92	98	97	85	—	—	—
Burlington	87	98	88	83	75	—	—	—
Caledon	—	—	—	—	—	—	—	—
Caledonia	100	100	92	99	99	—	—	—
Cambridge	99	91	92	94	93	—	—	—
Carleton Place	95	100	100	100	100	—	—	—
Chatham	100	85	89	70	91	—	—	—
Cobourg	84	72	100	84	99	—	—	—
Collingwood	76	98	100	100	97	—	—	—
Concord	100	—	—	100	100	—	—	—
Cornwall	84	31	92	90	54	—	—	—
Cumberland	—	—	—	—	—	—	—	—
Delhi	69	12	95	0	0	—	—	—
Downsview	96	92	93	93	92	—	—	—
Dryden	100	93	100	95	98	—	—	—
Dunnville	99	92	67	74	100	—	—	—
East Gwillimbury	—	—	—	97	—	—	—	—
Elliot Lake	100	100	100	100	100	—	—	—
Elmira	24	99	100	100	98	—	—	—
Espanola	—	95	99	100	100	—	—	—
Essex	97	97	99	53	100	—	—	—
Etobicoke	89	81	94	94	87	—	—	—
Fergus	97	100	99	96	97	—	—	—
Fort Erie	94	100	98	100	60	—	—	—
Fort Frances	95	45	48	100	100	—	—	—
Gananoque	55	38	47	100	100	—	—	—
Garson	—	100	97	100	94	—	—	—
Georgetown	81	100	97	99	75	—	—	—
Goderich	85	100	100	56	98	—	—	—
Gravenhurst	96	60	71	69	57	—	—	—
Greely	100	—	—	—	—	—	—	—
Grimsby	97	31	98	80	39	—	—	—
Guelph	89	74	85	85	78	—	—	—
Hamilton	91	93	93	91	98	—	—	—
Hanmer	100	93	100	96	100	—	—	—
Hanover	98	100	97	100	99	—	—	—
Hawkesbury	96	46	100	100	100	—	—	—
Huntsville	98	100	98	83	81	—	—	—
Ingersoll	100	100	97	99	90	—	—	—
Innisfil	—	—	—	100	97	—	—	—
Kapuskasing	100	44	99	99	99	—	—	—
Kenora	94	99	100	98	57	—	—	—
Keswick	100	100	100	93	100	—	—	—
Kincardine	100	100	72	98	95	—	—	—
King City	0	0	—	28	93	—	—	—
Kingston	93	87	63	96	85	—	—	—
Kingsville	100	48	98	100	100	—	—	—
Kirkland Lake	95	100	96	56	100	—	—	—
Kitchener	94	90	93	92	93	—	—	—
Leamington	65	72	81	77	68	—	—	—
Lindsay	49	76	80	100	89	—	—	—
Listowel	51	100	100	100	95	—	—	—
Lively	100	99	96	100	92	—	—	—
London	94	84	93	97	87	—	—	—
Manotick	100	92	100	97	93	—	—	—
Maple	31	21	52	100	99	—	—	—
Markham	72	100	79	100	92	—	—	—
Meaford	98	100	100	100	98	—	—	—

Incidental Appendectomy among the Elderly: Score by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Midland	100	100	20	64	100	—	—	—
Milton	100	72	97	87	77	—	—	—
Mississauga	92	96	90	91	91	—	—	—
Napanee	97	96	100	81	100	—	—	—
Navan	97	—	—	—	—	—	—	—
New Hamburg	—	—	—	—	—	—	—	—
Newmarket	99	98	100	99	88	—	—	—
Niagara Falls	95	95	98	100	94	—	—	—
North Bay	83	87	100	93	97	—	—	—
North York	91	81	86	80	89	—	—	—
Oakville	96	74	100	78	87	—	—	—
Orangeville	79	100	62	99	100	—	—	—
Orillia	96	97	86	74	89	—	—	—
Oshawa	96	87	100	93	84	—	—	—
Ottawa	94	89	95	95	95	—	—	—
Owen Sound	100	99	98	100	98	—	—	—
Paris	100	98	100	100	100	—	—	—
Parry Sound	98	64	93	100	96	—	—	—
Pembroke	85	96	84	87	100	—	—	—
Penetanguishene	97	100	55	76	100	—	—	—
Perth	100	100	99	96	96	—	—	—
Petawawa	—	100	—	98	—	—	—	—
Peterborough	88	58	91	90	59	—	—	—
Pickering	42	57	51	82	89	—	—	—
Port Colborne	88	97	98	98	100	—	—	—
Port Hope	74	67	65	100	63	—	—	—
Port Perry	63	94	100	73	36	—	—	—
Port Stanley	—	—	97	100	91	—	—	—
Renfrew	100	93	99	35	100	—	—	—
Richmond Hill	47	29	92	82	47	—	—	—
Rockland	97	92	100	100	100	—	—	—
Russell	—	99	—	96	—	—	—	—
Sarnia	96	100	88	87	84	—	—	—
Sault Ste. Marie	95	100	96	100	100	—	—	—
Scarborough	90	76	84	92	95	—	—	—
Simcoe	85	8	31	38	49	—	—	—
Sioux Lookout	—	—	100	—	100	—	—	—
Smiths Falls	99	97	100	99	98	—	—	—
St. Catharine	92	79	92	95	83	—	—	—
St. Mary's	100	86	100	100	100	—	—	—
St. Thomas	91	83	83	83	91	—	—	—
Stouffville	96	98	71	100	100	—	—	—
Stratford	100	100	100	85	99	—	—	—
Strathroy	98	100	72	95	98	—	—	—
Sturgeon	—	—	—	—	100	—	—	—
Sudbury	93	95	91	100	96	—	—	—
Thornhill	78	73	81	87	93	—	—	—
Thunder Bay	90	88	96	93	100	—	—	—
Tillsonburg	99	98	41	100	100	—	—	—
Timmins	99	98	74	55	99	—	—	—
Toronto	89	84	90	93	93	—	—	—
Trenton	100	62	100	100	39	—	—	—
Uxbridge	97	100	100	100	47	—	—	—
Val Caron	100	—	100	100	100	—	—	—
Wallaceburg	96	100	79	96	100	—	—	—
Wasaga Beach	—	—	—	—	—	—	—	—
Welland	99	91	99	100	100	—	—	—
Weston	95	90	99	100	91	—	—	—
Whitby	90	98	100	90	87	—	—	—
Willowdale	94	75	90	93	95	—	—	—
Windsor	87	83	93	86	86	—	—	—
Woodbridge	100	79	100	90	91	—	—	—
Woodstock	90	55	78	98	97	—	—	—
Rural	90	81	89	89	87	—	—	—
Other	82	96	96	96	96	—	—	—

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: Score by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Acton	14	—	—	99	89	—	—	—
Ajax	72	83	92	100	80	—	—	—
Alliston	50	90	66	71	85	—	—	—
Amherstburg	89	100	69	53	100	—	—	—
Arnprior	71	82	83	92	99	—	—	—
Aurora	62	55	91	98	88	—	—	—
Aylmer West	56	70	100	100	57	—	—	—
Barrie	45	78	61	52	75	—	—	—
Belleville	87	80	87	54	91	—	—	—
Bolton	64	64	—	100	100	—	—	—
Bowmanville	68	76	56	50	93	—	—	—
Bracebridge	84	70	3	100	80	—	—	—
Bradford	98	39	98	94	100	—	—	—
Brampton	78	85	68	80	82	—	—	—
Brantford	78	61	76	78	87	—	—	—
Brockville	79	73	83	85	86	—	—	—
Burlington	76	84	84	77	95	—	—	—
Caledon	—	—	—	—	—	—	—	—
Caledonia	74	58	71	63	93	—	—	—
Cambridge	87	77	87	72	88	—	—	—
Carleton Place	80	100	91	99	100	—	—	—
Chatham	95	61	80	69	91	—	—	—
Cobourg	79	83	91	58	67	—	—	—
Collingwood	63	88	11	0	96	—	—	—
Concord	94	16	—	97	42	—	—	—
Cornwall	86	82	91	87	98	—	—	—
Cumberland	93	—	0	—	90	—	—	—
Delhi	41	100	100	8	100	—	—	—
Downsview	73	73	78	55	62	—	—	—
Dryden	48	—	—	—	—	—	—	—
Dunnville	100	57	99	85	76	—	—	—
East Gwillimbury	95	82	100	72	100	—	—	—
Elliot Lake	—	—	—	—	—	—	—	—
Elmira	—	—	—	—	—	—	—	—
Espanola	—	—	—	—	—	—	—	—
Essex	—	100	100	100	100	—	—	—
Etobicoke	74	81	85	81	89	—	—	—
Fergus	56	59	—	81	100	—	—	—
Fort Erie	63	28	89	95	89	—	—	—
Fort Frances	98	—	—	—	—	—	—	—
Gananoque	78	84	100	100	92	—	—	—
Garson	—	—	—	—	—	—	—	—
Georgetown	94	77	69	81	95	—	—	—
Goderich	65	74	91	100	100	—	—	—
Gravenhurst	44	52	98	85	100	—	—	—
Greely	92	88	—	79	86	—	—	—
Grimsby	77	99	95	88	90	—	—	—
Guelph	80	80	84	79	84	—	—	—
Hamilton	87	87	87	88	97	—	—	—
Hanmer	—	—	—	—	—	—	—	—
Hanover	99	100	90	95	63	—	—	—
Hawkesbury	82	90	82	64	95	—	—	—
Huntsville	53	96	22	79	50	—	—	—
Ingersoll	100	100	100	70	55	—	—	—
Innisfil	—	—	—	100	—	—	—	—
Kapuskasing	—	—	—	—	—	—	—	—
Kenora	—	—	—	—	—	—	—	—
Keswick	98	94	33	100	75	—	—	—
Kincardine	0	—	48	99	70	—	—	—
King City	54	34	—	1	0	—	—	—
Kingston	79	87	87	60	89	—	—	—
Kingsville	66	—	—	32	100	—	—	—
Kirkland Lake	—	—	—	—	—	—	—	—
Kitchener	77	54	79	71	83	—	—	—
Leamington	0	19	93	100	86	—	—	—
Lindsay	77	79	70	31	70	—	—	—
Listowel	98	100	64	93	100	—	—	—
Lively	—	—	—	—	—	—	—	—
London	93	100	88	97	98	—	—	—
Manotick	86	96	92	63	98	—	—	—
Maple	94	0	61	32	46	—	—	—
Markham	76	78	88	65	82	—	—	—
Meaford	99	100	—	49	100	—	—	—

Bilateral Cardiac Catheterization: Score by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Midland	68	83	33	90	100	—	—	—
Milton	38	66	100	94	71	—	—	—
Mississauga	78	81	89	92	95	—	—	—
Napanee	32	94	92	60	80	—	—	—
Navan	—	—	79	—	87	—	—	—
New Hamburg	—	—	—	—	—	—	—	—
Newmarket	44	49	100	100	91	—	—	—
Niagara Falls	74	66	71	58	76	—	—	—
North Bay	94	88	100	100	98	—	—	—
North York	76	86	88	73	86	—	—	—
Oakville	66	61	89	73	84	—	—	—
Orangeville	97	57	52	40	86	—	—	—
Orillia	59	66	66	79	75	—	—	—
Oshawa	72	69	53	50	70	—	—	—
Ottawa	89	84	88	82	93	—	—	—
Owen Sound	49	96	93	98	62	—	—	—
Paris	99	100	100	77	100	—	—	—
Parry Sound	—	—	—	32	—	—	—	—
Pembroke	96	75	74	90	85	—	—	—
Penetanguishene	58	47	20	25	93	—	—	—
Perth	90	95	72	75	87	—	—	—
Petawawa	73	91	90	89	93	—	—	—
Peterborough	80	82	80	54	88	—	—	—
Pickering	72	79	96	100	100	—	—	—
Port Colborne	97	95	93	98	95	—	—	—
Port Hope	86	11	83	31	98	—	—	—
Port Perry	56	92	62	100	100	—	—	—
Port Stanley	—	—	—	—	—	—	—	—
Renfrew	95	86	80	96	99	—	—	—
Richmond Hill	59	41	63	41	49	—	—	—
Rockland	90	88	46	85	86	—	—	—
Russell	—	81	—	83	88	—	—	—
Sarnia	85	97	80	99	90	—	—	—
Sault Ste. Marie	100	100	100	100	100	—	—	—
Scarborough	88	89	100	100	100	—	—	—
Simcoe	77	94	85	82	99	—	—	—
Sioux Lookout	—	—	—	—	—	—	—	—
Smiths Falls	84	68	78	100	100	—	—	—
St. Catharine	69	73	75	70	82	—	—	—
St. Mary's	100	100	44	96	100	—	—	—
St. Thomas	83	92	68	73	82	—	—	—
Stouffville	99	92	99	99	97	—	—	—
Stratford	46	68	100	64	46	—	—	—
Strathroy	71	96	75	23	98	—	—	—
Sturgeon	—	—	—	—	—	—	—	—
Sudbury	49	100	77	100	100	—	—	—
Thornhill	74	63	55	7	50	—	—	—
Thunder Bay	94	100	100	100	100	—	—	—
Tillsonburg	84	100	100	100	100	—	—	—
Timmins	86	84	43	96	100	—	—	—
Toronto	77	81	78	50	77	—	—	—
Trenton	58	78	85	44	90	—	—	—
Uxbridge	96	29	59	54	100	—	—	—
Val Caron	—	—	—	—	—	—	—	—
Wallaceburg	100	100	86	35	99	—	—	—
Wasaga Beach	—	—	—	—	—	—	—	—
Welland	85	71	79	78	89	—	—	—
Weston	65	81	96	28	83	—	—	—
Whitby	70	61	64	60	66	—	—	—
Willowdale	72	67	64	70	85	—	—	—
Windsor	67	50	91	87	100	—	—	—
Woodbridge	70	75	57	91	71	—	—	—
Woodstock	72	98	100	100	100	—	—	—
Rural	78	76	82	67	88	—	—	—
Other	76	88	84	80	91	—	—	—

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: Score by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Acton	—	—	—	—	—	57	59	53
Ajax	—	—	—	—	—	61	39	53
Alliston	—	—	—	—	—	47	71	58
Amherstburg	—	—	—	—	—	40	48	45
Arnprior	—	—	—	—	—	62	39	46
Aurora	—	—	—	—	—	82	58	65
Aylmer West	—	—	—	—	—	81	71	74
Barrie	—	—	—	—	—	73	47	62
Belleville	—	—	—	—	—	65	44	62
Bolton	—	—	—	—	—	63	50	48
Bowmanville	—	—	—	—	—	52	36	42
Bracebridge	—	—	—	—	—	0	9	26
Bradford	—	—	—	—	—	80	51	57
Brampton	—	—	—	—	—	60	47	61
Brantford	—	—	—	—	—	70	64	63
Brockville	—	—	—	—	—	39	40	60
Burlington	—	—	—	—	—	60	53	66
Caledon	—	—	—	—	—	93	100	21
Caledonia	—	—	—	—	—	69	59	72
Cambridge	—	—	—	—	—	67	54	67
Carleton Place	—	—	—	—	—	56	41	65
Chatham	—	—	—	—	—	82	60	66
Cobourg	—	—	—	—	—	68	20	58
Collingwood	—	—	—	—	—	83	47	49
Concord	—	—	—	—	—	53	49	65
Cornwall	—	—	—	—	—	58	47	53
Cumberland	—	—	—	—	—	75	53	38
Delhi	—	—	—	—	—	41	21	74
Downsview	—	—	—	—	—	60	46	63
Dryden	—	—	—	—	—	53	69	46
Dunnville	—	—	—	—	—	44	58	44
East Gwillimbury	—	—	—	—	—	68	81	93
Elliot Lake	—	—	—	—	—	24	2	22
Elmira	—	—	—	—	—	82	55	63
Espanola	—	—	—	—	—	32	60	81
Essex	—	—	—	—	—	65	56	79
Etobicoke	—	—	—	—	—	69	55	65
Fergus	—	—	—	—	—	72	54	52
Fort Erie	—	—	—	—	—	73	80	66
Fort Frances	—	—	—	—	—	55	7	24
Gananoque	—	—	—	—	—	74	51	70
Garson	—	—	—	—	—	37	0	42
Georgetown	—	—	—	—	—	69	63	71
Goderich	—	—	—	—	—	56	66	72
Gravenhurst	—	—	—	—	—	65	8	27
Greely	—	—	—	—	—	48	76	49
Grimsby	—	—	—	—	—	61	19	59
Guelph	—	—	—	—	—	67	50	61
Hamilton	—	—	—	—	—	66	61	63
Hanmer	—	—	—	—	—	67	59	58
Hanover	—	—	—	—	—	34	91	62
Hawkesbury	—	—	—	—	—	70	73	75
Huntsville	—	—	—	—	—	37	24	30
Ingersoll	—	—	—	—	—	68	80	65
Innisfil	—	—	—	—	—	58	47	60
Kapuskasing	—	—	—	—	—	33	4	42
Kenora	—	—	—	—	—	83	53	49
Keswick	—	—	—	—	—	68	59	66
Kincardine	—	—	—	—	—	57	47	43
King City	—	—	—	—	—	53	72	76
Kingston	—	—	—	—	—	60	55	65
Kingsville	—	—	—	—	—	54	44	74
Kirkland Lake	—	—	—	—	—	37	10	0
Kitchener	—	—	—	—	—	62	47	57
Leamington	—	—	—	—	—	51	56	53
Lindsay	—	—	—	—	—	49	50	49
Listowel	—	—	—	—	—	67	36	63
Lively	—	—	—	—	—	68	99	62
London	—	—	—	—	—	71	63	68
Manotick	—	—	—	—	—	85	52	92
Maple	—	—	—	—	—	72	58	64
Markham	—	—	—	—	—	68	59	73
Meaford	—	—	—	—	—	67	66	100

Primary Cesarean Delivery: Score by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Midland	—	—	—	—	—	29	31	47
Milton	—	—	—	—	—	58	60	69
Mississauga	—	—	—	—	—	75	67	73
Napanee	—	—	—	—	—	60	38	50
Navan	—	—	—	—	—	57	76	56
New Hamburg	—	—	—	—	—	59	43	67
Newmarket	—	—	—	—	—	82	64	70
Niagara Falls	—	—	—	—	—	84	50	64
North Bay	—	—	—	—	—	44	40	42
North York	—	—	—	—	—	57	56	65
Oakville	—	—	—	—	—	78	58	72
Orangeville	—	—	—	—	—	55	30	42
Orillia	—	—	—	—	—	58	40	50
Oshawa	—	—	—	—	—	44	32	49
Ottawa	—	—	—	—	—	68	56	64
Owen Sound	—	—	—	—	—	75	25	42
Paris	—	—	—	—	—	89	73	60
Parry Sound	—	—	—	—	—	55	26	30
Pembroke	—	—	—	—	—	62	42	60
Penetanguishene	—	—	—	—	—	46	44	52
Perth	—	—	—	—	—	68	64	53
Petawawa	—	—	—	—	—	67	32	69
Peterborough	—	—	—	—	—	77	48	58
Pickering	—	—	—	—	—	69	48	56
Port Colborne	—	—	—	—	—	52	35	37
Port Hope	—	—	—	—	—	37	17	74
Port Perry	—	—	—	—	—	70	26	62
Port Stanley	—	—	—	—	—	8	84	23
Renfrew	—	—	—	—	—	68	23	48
Richmond Hill	—	—	—	—	—	64	55	66
Rockland	—	—	—	—	—	72	36	79
Russell	—	—	—	—	—	100	54	88
Sarnia	—	—	—	—	—	74	51	67
Sault Ste. Marie	—	—	—	—	—	52	44	59
Scarborough	—	—	—	—	—	64	52	62
Simcoe	—	—	—	—	—	38	52	67
Sioux Lookout	—	—	—	—	—	42	17	23
Smiths Falls	—	—	—	—	—	61	52	62
St. Catharine	—	—	—	—	—	71	52	63
St. Mary's	—	—	—	—	—	52	56	57
St. Thomas	—	—	—	—	—	71	56	76
Stouffville	—	—	—	—	—	90	83	69
Stratford	—	—	—	—	—	48	4	56
Strathroy	—	—	—	—	—	59	43	56
Sturgeon	—	—	—	—	—	10	14	48
Sudbury	—	—	—	—	—	59	55	68
Thornhill	—	—	—	—	—	68	49	69
Thunder Bay	—	—	—	—	—	74	63	75
Tillsonburg	—	—	—	—	—	83	53	70
Timmins	—	—	—	—	—	55	35	58
Toronto	—	—	—	—	—	59	49	62
Trenton	—	—	—	—	—	70	43	69
Uxbridge	—	—	—	—	—	64	62	80
Val Caron	—	—	—	—	—	66	73	64
Wallaceburg	—	—	—	—	—	75	69	71
Wasaga Beach	—	—	—	—	—	—	18	84
Welland	—	—	—	—	—	43	46	44
Weston	—	—	—	—	—	64	58	62
Whitby	—	—	—	—	—	58	37	57
Willowdale	—	—	—	—	—	60	40	57
Windsor	—	—	—	—	—	62	48	64
Woodbridge	—	—	—	—	—	69	52	66
Woodstock	—	—	—	—	—	61	55	65
Rural	—	—	—	—	—	65	51	62
Other	—	—	—	—	—	71	55	68

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

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Acton	—	—	—	—	—	12	31	54
Ajax	—	—	—	—	—	43	30	26
Alliston	—	—	—	—	—	33	50	56
Amherstburg	—	—	—	—	—	43	84	45
Arnprior	—	—	—	—	—	15	25	0
Aurora	—	—	—	—	—	23	58	28
Aylmer West	—	—	—	—	—	23	90	38
Barrie	—	—	—	—	—	34	29	22
Belleville	—	—	—	—	—	36	29	13
Bolton	—	—	—	—	—	44	53	41
Bowmanville	—	—	—	—	—	36	58	26
Bracebridge	—	—	—	—	—	27	10	0
Bradford	—	—	—	—	—	43	23	36
Brampton	—	—	—	—	—	31	33	29
Brantford	—	—	—	—	—	52	67	47
Brockville	—	—	—	—	—	31	41	11
Burlington	—	—	—	—	—	39	60	35
Caledon	—	—	—	—	—	68	—	—
Caledonia	—	—	—	—	—	76	70	68
Cambridge	—	—	—	—	—	60	45	46
Carleton Place	—	—	—	—	—	46	33	29
Chatham	—	—	—	—	—	53	70	46
Cobourg	—	—	—	—	—	53	49	25
Collingwood	—	—	—	—	—	30	45	42
Concord	—	—	—	—	—	27	50	46
Cornwall	—	—	—	—	—	27	19	26
Cumberland	—	—	—	—	—	46	77	—
Delhi	—	—	—	—	—	67	86	52
Downsview	—	—	—	—	—	29	44	35
Dryden	—	—	—	—	—	27	40	59
Dunnville	—	—	—	—	—	18	10	18
East Gwillimbury	—	—	—	—	—	23	1	2
Elliot Lake	—	—	—	—	—	43	—	—
Elmira	—	—	—	—	—	46	42	16
Espanola	—	—	—	—	—	66	45	73
Essex	—	—	—	—	—	43	48	0
Etobicoke	—	—	—	—	—	39	42	38
Fergus	—	—	—	—	—	52	30	50
Fort Erie	—	—	—	—	—	29	15	18
Fort Frances	—	—	—	—	—	10	50	14
Gananoque	—	—	—	—	—	66	68	—
Garson	—	—	—	—	—	0	50	46
Georgetown	—	—	—	—	—	38	11	21
Goderich	—	—	—	—	—	19	75	50
Gravenhurst	—	—	—	—	—	22	0	0
Greely	—	—	—	—	—	41	83	41
Grimsby	—	—	—	—	—	38	20	29
Guelph	—	—	—	—	—	49	68	45
Hamilton	—	—	—	—	—	46	55	41
Hanmer	—	—	—	—	—	0	69	10
Hanover	—	—	—	—	—	35	86	0
Hawkesbury	—	—	—	—	—	98	0	99
Huntsville	—	—	—	—	—	35	0	27
Ingersoll	—	—	—	—	—	57	84	56
Innisfil	—	—	—	—	—	12	39	41
Kapuskasing	—	—	—	—	—	10	0	0
Kenora	—	—	—	—	—	63	37	39
Keswick	—	—	—	—	—	56	44	15
Kincardine	—	—	—	—	—	43	96	62
King City	—	—	—	—	—	34	—	—
Kingston	—	—	—	—	—	63	55	59
Kingsville	—	—	—	—	—	30	39	19
Kirkland Lake	—	—	—	—	—	0	91	40
Kitchener	—	—	—	—	—	53	43	40
Leamington	—	—	—	—	—	26	35	33
Lindsay	—	—	—	—	—	19	29	8
Listowel	—	—	—	—	—	73	42	16
Lively	—	—	—	—	—	0	28	28
London	—	—	—	—	—	88	88	61
Manotick	—	—	—	—	—	—	67	24
Maple	—	—	—	—	—	36	35	29
Markham	—	—	—	—	—	49	47	30
Meaford	—	—	—	—	—	49	—	—

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

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Midland	—	—	—	—	—	38	23	8
Milton	—	—	—	—	—	26	40	29
Mississauga	—	—	—	—	—	46	46	36
Napanee	—	—	—	—	—	12	50	19
Navan	—	—	—	—	—	66	58	29
New Hamburg	—	—	—	—	—	—	30	59
Newmarket	—	—	—	—	—	76	52	30
Niagara Falls	—	—	—	—	—	25	57	49
North Bay	—	—	—	—	—	33	20	37
North York	—	—	—	—	—	38	54	33
Oakville	—	—	—	—	—	42	29	26
Orangeville	—	—	—	—	—	17	19	17
Orillia	—	—	—	—	—	21	7	7
Oshawa	—	—	—	—	—	31	26	24
Ottawa	—	—	—	—	—	47	46	34
Owen Sound	—	—	—	—	—	18	52	37
Paris	—	—	—	—	—	100	61	76
Parry Sound	—	—	—	—	—	30	0	1
Pembroke	—	—	—	—	—	35	61	17
Penetanguishene	—	—	—	—	—	0	0	11
Perth	—	—	—	—	—	23	34	1
Petawawa	—	—	—	—	—	18	29	49
Peterborough	—	—	—	—	—	41	31	17
Pickering	—	—	—	—	—	39	42	38
Port Colborne	—	—	—	—	—	0	15	39
Port Hope	—	—	—	—	—	43	40	0
Port Perry	—	—	—	—	—	20	29	14
Port Stanley	—	—	—	—	—	—	—	—
Renfrew	—	—	—	—	—	26	38	0
Richmond Hill	—	—	—	—	—	38	34	28
Rockland	—	—	—	—	—	40	68	20
Russell	—	—	—	—	—	100	68	68
Sarnia	—	—	—	—	—	89	40	49
Sault Ste. Marie	—	—	—	—	—	48	26	38
Scarborough	—	—	—	—	—	50	52	38
Simcoe	—	—	—	—	—	47	65	24
Sioux Lookout	—	—	—	—	—	67	28	50
Smiths Falls	—	—	—	—	—	10	0	18
St. Catharine	—	—	—	—	—	49	39	36
St. Mary's	—	—	—	—	—	33	100	54
St. Thomas	—	—	—	—	—	78	56	46
Stouffville	—	—	—	—	—	40	31	48
Stratford	—	—	—	—	—	42	23	14
Strathroy	—	—	—	—	—	86	78	27
Sturgeon	—	—	—	—	—	30	56	0
Sudbury	—	—	—	—	—	38	51	35
Thornhill	—	—	—	—	—	30	37	29
Thunder Bay	—	—	—	—	—	56	92	56
Tillsonburg	—	—	—	—	—	52	33	39
Timmins	—	—	—	—	—	6	5	8
Toronto	—	—	—	—	—	47	40	33
Trenton	—	—	—	—	—	68	33	23
Uxbridge	—	—	—	—	—	56	24	18
Val Caron	—	—	—	—	—	0	1	28
Wallaceburg	—	—	—	—	—	79	78	36
Wasaga Beach	—	—	—	—	—	—	—	100
Welland	—	—	—	—	—	14	28	23
Weston	—	—	—	—	—	36	44	36
Whitby	—	—	—	—	—	39	20	26
Willowdale	—	—	—	—	—	38	31	36
Windsor	—	—	—	—	—	51	63	38
Woodbridge	—	—	—	—	—	32	28	22
Woodstock	—	—	—	—	—	57	33	47
Rural	—	—	—	—	—	44	45	34
Other	—	—	—	—	—	55	53	42

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Death in Low-Mortality DRGs: Score by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Acton	57	87	100	92	87	69	82	89
Ajax	93	96	97	100	98	97	100	100
Alliston	83	78	73	95	82	12	70	84
Amherstburg	60	78	100	100	96	98	97	94
Arnprior	100	97	89	75	100	100	100	87
Aurora	100	85	75	89	81	79	95	96
Aylmer West	55	84	81	100	94	94	89	97
Barrie	100	100	100	100	100	100	99	95
Belleville	76	81	91	87	85	60	88	73
Bolton	87	86	94	96	100	100	97	91
Bowmanville	100	90	88	91	86	67	94	100
Bracebridge	69	100	68	51	88	75	90	84
Bradford	87	85	87	76	96	100	80	100
Brampton	98	100	96	98	98	99	97	96
Brantford	81	78	70	81	76	88	87	88
Brockville	32	48	66	69	61	32	71	70
Burlington	80	80	79	89	79	92	92	90
Caledon	100	100	100	100	100	100	100	100
Caledonia	100	91	73	65	100	90	83	93
Cambridge	98	98	95	96	96	93	99	96
Carleton Place	84	97	68	67	70	56	89	50
Chatham	84	89	73	91	86	81	87	89
Cobourg	66	56	54	95	76	54	51	53
Collingwood	23	50	93	62	77	95	78	14
Concord	100	77	81	86	90	100	100	98
Cornwall	80	76	89	77	78	79	92	90
Cumberland	100	100	100	100	100	100	100	100
Delhi	41	91	67	55	48	0	0	72
Downsview	82	85	96	92	94	93	92	95
Dryden	87	53	67	90	60	34	69	65
Dunnville	97	50	56	49	68	68	73	19
East Gwillimbury	82	100	83	100	100	100	100	100
Elliot Lake	62	21	33	62	75	28	56	0
Elmira	78	100	100	100	100	78	32	57
Espanola	50	69	100	86	100	86	100	80
Essex	67	91	90	97	100	88	93	95
Etobicoke	98	95	90	93	94	87	95	94
Fergus	72	86	82	74	94	83	100	84
Fort Erie	95	56	33	85	91	80	76	100
Fort Frances	75	71	89	91	98	79	90	100
Gananoque	77	75	100	54	100	49	100	73
Garson	100	87	100	100	100	63	100	84
Georgetown	83	93	99	98	92	92	75	86
Goderich	98	56	100	100	100	87	100	89
Gravenhurst	100	75	100	40	47	72	14	13
Greely	100	100	57	100	100	100	100	100
Grimsby	58	90	57	82	100	79	78	100
Guelph	79	88	88	91	89	88	100	99
Hamilton	86	90	87	95	92	90	95	92
Hanmer	93	100	91	94	91	100	86	100
Hanover	100	65	97	71	77	56	85	43
Hawkesbury	64	96	59	100	64	93	85	75
Huntsville	80	78	87	86	70	38	97	96
Ingersoll	82	91	82	97	97	100	84	90
Innisfil	—	—	—	100	100	100	100	82
Kapuskasing	80	100	47	70	74	100	70	73
Kenora	32	68	79	34	44	79	72	89
Keswick	89	100	98	82	100	82	92	100
Kincardine	71	100	71	44	70	73	80	91
King City	100	100	100	81	100	100	100	100
Kingston	99	99	83	85	99	93	91	93
Kingsville	100	98	98	99	77	97	79	98
Kirkland Lake	26	0	25	28	76	27	10	54
Kitchener	86	83	86	85	85	95	88	94
Leamington	100	95	92	87	85	77	100	84
Lindsay	82	82	100	83	97	62	76	88
Listowel	62	100	38	59	48	81	56	71
Lively	78	100	83	67	86	29	100	63
London	90	95	96	94	90	91	98	96
Manotick	100	100	57	100	100	100	75	67
Maple	86	93	95	97	100	100	98	95
Markham	95	87	91	89	83	97	88	86
Meaford	100	54	94	68	74	90	65	100

Death in Low-Mortality DRGs: Score by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Midland	78	30	83	57	52	79	93	100
Milton	97	72	100	57	68	91	90	86
Mississauga	93	94	94	96	97	97	98	96
Napanee	100	100	48	89	77	46	94	100
Navan	100	100	49	100	100	100	100	100
New Hamburg	—	—	—	—	—	100	72	64
Newmarket	97	97	88	98	90	87	85	74
Niagara Falls	76	100	96	91	86	86	84	97
North Bay	77	72	77	86	81	69	91	97
North York	82	98	95	96	96	90	89	83
Oakville	98	96	99	93	96	92	94	98
Orangeville	93	95	92	94	79	95	94	89
Orillia	57	79	77	88	58	70	87	69
Oshawa	97	92	92	86	89	87	96	100
Ottawa	85	84	90	94	89	92	94	87
Owen Sound	95	94	93	98	97	81	98	87
Paris	82	100	85	74	85	94	68	98
Parry Sound	44	44	91	85	81	84	100	85
Pembroke	57	84	67	78	75	19	72	82
Penetanguishene	56	60	63	53	73	39	81	99
Perth	84	97	0	96	0	54	68	33
Petawawa	95	70	67	88	100	100	100	83
Peterborough	89	100	97	96	100	95	96	88
Pickering	96	91	100	99	94	96	97	95
Port Colborne	35	84	97	82	34	63	93	70
Port Hope	65	78	84	54	83	82	97	67
Port Perry	0	51	59	0	87	40	70	100
Port Stanley	57	51	100	100	100	100	100	100
Renfrew	71	58	94	100	42	23	93	86
Richmond Hill	85	80	96	100	96	91	90	97
Rockland	100	100	100	100	100	100	87	88
Russell	100	100	100	72	100	100	100	100
Sarnia	83	67	77	92	75	100	94	100
Sault Ste. Marie	69	73	75	99	87	95	97	95
Scarborough	89	92	93	94	92	93	89	91
Simcoe	54	48	55	87	21	41	73	2
Sioux Lookout	100	84	81	100	100	55	43	100
Smiths Falls	37	76	76	82	34	87	77	87
St. Catharine	78	85	78	96	89	88	98	88
St. Mary's	95	3	100	67	94	89	100	92
St. Thomas	76	64	82	89	94	63	100	90
Stouffville	81	100	78	83	4	92	92	43
Stratford	100	98	97	95	100	97	85	99
Strathroy	70	100	65	76	45	81	86	91
Sturgeon	—	—	—	—	100	100	67	90
Sudbury	77	89	74	84	79	78	95	92
Thornhill	98	81	95	97	100	100	96	95
Thunder Bay	85	95	91	88	92	98	87	96
Tillsonburg	32	63	79	52	35	69	79	100
Timmins	89	90	95	100	81	86	97	99
Toronto	89	88	87	92	96	90	90	91
Trenton	100	93	100	91	85	100	85	62
Uxbridge	89	47	93	98	83	93	88	94
Val Caron	84	87	100	86	64	84	91	84
Wallaceburg	81	58	91	73	83	60	88	83
Wasaga Beach	—	—	—	—	—	—	99	100
Welland	83	78	74	84	88	93	90	81
Weston	84	90	95	96	97	100	92	82
Whitby	88	98	96	99	89	93	95	96
Willowdale	75	84	98	88	94	89	87	93
Windsor	88	84	90	95	83	89	94	93
Woodbridge	81	95	91	100	95	93	100	100
Woodstock	78	80	61	93	93	87	94	78
Rural	80	83	84	88	86	85	89	84
Other	83	85	92	90	85	89	90	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

"—" 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: Score by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Acton	100	45	100	100	100	100	100	100
Ajax	84	100	79	100	100	69	82	73
Alliston	100	100	100	100	100	98	100	100
Amherstburg	39	100	78	97	76	99	100	76
Arnprior	100	100	100	100	100	100	100	100
Aurora	81	86	81	100	95	70	51	100
Aylmer West	100	44	74	100	86	100	100	89
Barrie	37	78	100	100	100	90	100	90
Belleville	100	100	100	100	100	100	95	100
Bolton	100	49	94	100	100	100	100	100
Bowmanville	70	83	88	71	100	56	85	87
Bracebridge	100	100	100	91	100	86	100	100
Bradford	60	84	100	65	83	88	67	63
Brampton	97	100	100	100	100	92	94	96
Brantford	100	100	100	100	100	94	100	100
Brockville	100	100	100	79	100	100	77	96
Burlington	100	100	95	86	91	93	100	100
Caledon	100	71	100	100	100	90	100	100
Caledonia	73	100	100	91	100	89	100	100
Cambridge	100	95	94	84	100	100	100	97
Carleton Place	100	100	100	78	93	57	53	83
Chatham	100	100	100	100	97	50	77	94
Cobourg	100	100	100	100	100	100	11	96
Collingwood	100	100	100	100	100	100	100	100
Concord	100	100	100	100	100	70	100	82
Cornwall	78	100	90	87	93	100	100	100
Cumberland	92	98	35	14	61	60	43	2
Delhi	100	76	100	100	100	100	100	100
Downsview	100	100	100	100	93	65	100	100
Dryden	100	100	100	100	100	100	100	80
Dunnville	100	100	84	100	100	100	100	100
East Gwillimbury	85	100	64	68	25	100	26	72
Elliot Lake	100	100	100	100	100	100	100	100
Elmira	100	100	92	100	100	100	100	100
Espanola	48	100	77	100	100	100	86	100
Essex	100	100	100	100	100	65	31	100
Etobicoke	100	100	100	100	100	80	100	100
Fergus	100	100	100	100	100	100	100	100
Fort Erie	100	100	100	83	85	74	74	100
Fort Frances	78	100	100	100	100	100	100	100
Gananoque	100	76	100	68	100	100	96	100
Garson	100	100	100	0	100	91	0	19
Georgetown	89	96	75	100	100	100	100	100
Goderich	100	100	100	100	100	100	100	100
Gravenhurst	100	100	100	100	100	100	100	100
Greely	43	57	17	70	100	100	82	51
Grimsby	18	82	100	100	100	74	40	100
Guelph	100	100	100	100	100	99	100	100
Hamilton	69	89	93	91	100	97	90	100
Hanmer	7	70	98	34	95	81	54	100
Hanover	100	100	100	100	100	100	100	100
Hawkesbury	72	100	100	76	95	100	100	100
Huntsville	100	100	100	100	100	100	100	100
Ingersoll	100	100	100	100	100	80	76	89
Innisfil	—	—	—	41	100	81	72	100
Kapuskasing	100	100	100	92	100	99	48	95
Kenora	45	100	100	100	100	100	100	91
Keswick	100	100	87	69	78	90	31	84
Kincardine	100	100	100	100	100	100	100	100
King City	100	100	100	100	100	0	100	100
Kingston	100	100	100	100	93	99	100	90
Kingsville	100	100	100	85	66	71	100	100
Kirkland Lake	100	100	100	100	100	100	100	100
Kitchener	100	100	100	100	99	95	100	100
Leamington	100	100	100	100	88	59	83	83
Lindsay	100	100	100	100	100	100	100	100
Listowel	100	100	100	100	100	100	100	100
Lively	100	100	100	100	97	100	100	93
London	100	100	100	100	95	53	65	93
Manotick	100	69	100	19	100	100	100	81
Maple	100	100	100	80	96	75	70	100
Markham	91	82	79	100	100	74	87	100
Meaford	100	100	100	100	100	100	100	100

Decubitus Ulcer: Score by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Midland	100	100	100	100	100	99	100	100
Milton	100	100	100	100	100	76	60	100
Mississauga	96	100	93	100	90	79	98	99
Napanee	100	100	100	100	100	100	100	77
Navan	100	100	73	100	92	46	100	100
New Hamburg	—	—	—	—	—	61	100	100
Newmarket	100	100	100	100	95	93	57	100
Niagara Falls	100	78	84	36	0	52	100	100
North Bay	100	100	100	100	100	100	80	100
North York	100	100	100	100	100	100	100	100
Oakville	58	100	100	100	100	100	100	100
Orangeville	100	100	100	100	100	100	100	100
Orillia	100	100	90	78	100	91	100	100
Oshawa	100	88	94	68	93	52	65	61
Ottawa	100	92	94	92	97	79	87	90
Owen Sound	100	100	100	100	100	100	100	100
Paris	100	100	100	100	100	100	100	100
Parry Sound	100	100	100	100	90	70	100	100
Pembroke	100	100	100	100	100	100	100	100
Penetanguishene	100	100	100	100	100	100	57	100
Perth	100	100	100	100	100	100	100	100
Petawawa	98	100	24	100	96	78	86	70
Peterborough	100	100	100	80	100	100	100	100
Pickering	77	89	100	84	97	80	36	81
Port Colborne	100	100	100	100	100	100	100	100
Port Hope	100	100	87	100	100	55	29	67
Port Perry	100	100	100	90	100	28	29	94
Port Stanley	100	0	0	100	100	100	53	0
Renfrew	100	100	100	100	100	100	100	100
Richmond Hill	100	100	100	100	100	77	75	100
Rockland	0	100	97	100	100	87	100	31
Russell	83	81	100	50	71	100	100	48
Sarnia	100	100	100	100	100	88	100	100
Sault Ste. Marie	95	89	100	100	100	100	100	100
Scarborough	100	100	100	100	100	97	100	100
Simcoe	100	100	100	100	100	100	67	46
Sioux Lookout	100	47	100	100	99	97	100	100
Smiths Falls	100	100	100	100	100	100	100	100
St. Catharine	100	100	100	100	87	79	100	100
St. Mary's	100	100	100	100	100	100	100	100
St. Thomas	100	100	76	100	100	41	68	77
Stouffville	86	59	100	100	99	86	100	100
Stratford	100	100	100	100	100	100	100	100
Strathroy	100	100	100	100	100	85	79	100
Sturgeon	—	—	—	—	100	100	100	100
Sudbury	100	100	100	100	100	93	83	96
Thornhill	100	100	100	100	100	94	82	98
Thunder Bay	77	95	88	95	100	100	100	92
Tillsonburg	100	100	100	100	100	100	100	100
Timmins	92	93	99	100	100	100	100	100
Toronto	100	100	100	100	95	80	85	81
Trenton	100	100	81	100	100	100	100	100
Uxbridge	100	76	99	100	89	100	100	100
Val Caron	44	94	89	75	98	68	54	31
Wallaceburg	100	100	100	100	100	52	0	100
Wasaga Beach	—	—	—	—	—	—	—	100
Welland	100	100	100	100	99	92	82	100
Weston	100	100	89	95	86	71	100	96
Whitby	100	83	78	58	90	62	75	93
Willowdale	100	100	100	100	100	100	100	100
Windsor	100	91	86	92	93	80	58	80
Woodbridge	100	100	100	100	100	51	53	95
Woodstock	100	100	100	94	100	98	100	100
Rural	100	100	100	100	100	100	100	100
Other	76	86	82	77	91	68	57	83

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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Failure to Rescue: Score by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Acton	31	71	45	35	49	53	72	100
Ajax	45	57	72	62	53	64	56	74
Alliston	2	74	58	51	66	65	98	98
Amherstburg	89	66	72	42	80	61	83	100
Arnprior	100	66	—	64	99	77	92	87
Aurora	78	77	73	74	47	86	68	77
Aylmer West	30	61	34	68	47	82	76	70
Barrie	59	73	57	27	63	80	78	70
Belleville	51	81	54	42	68	70	40	64
Bolton	52	55	62	63	76	85	72	45
Bowmanville	72	80	63	72	73	67	78	79
Bracebridge	58	79	41	49	46	92	90	55
Bradford	69	62	69	45	86	44	74	84
Brampton	40	61	62	38	59	69	63	72
Brantford	71	84	85	77	65	68	67	65
Brockville	72	87	86	86	55	100	85	83
Burlington	51	70	68	59	59	68	63	71
Caledon	—	—	—	—	—	—	76	—
Caledonia	48	79	38	50	91	97	39	60
Cambridge	69	70	73	41	53	66	57	77
Carleton Place	100	87	74	52	72	49	100	100
Chatham	83	79	66	48	64	58	46	59
Cobourg	8	66	60	7	74	91	66	46
Collingwood	66	92	90	12	71	56	40	59
Concord	62	100	77	29	59	71	51	88
Cornwall	52	63	74	73	57	77	63	80
Cumberland	—	—	91	34	40	—	100	—
Delhi	79	82	65	51	75	74	100	54
Downsview	52	77	67	40	49	41	32	58
Dryden	41	86	100	96	92	0	83	47
Dunnville	94	79	61	37	76	30	0	55
East Gwillimbury	9	73	45	77	92	22	39	66
Elliot Lake	64	50	84	51	66	57	62	71
Elmira	97	95	98	37	42	37	61	32
Espanola	78	100	100	76	68	63	83	100
Essex	5	72	69	32	77	48	3	75
Etobicoke	50	64	63	55	61	55	61	71
Fergus	50	96	97	23	81	93	93	54
Fort Erie	23	68	86	86	47	46	57	84
Fort Frances	40	60	80	100	64	68	43	63
Gananoque	0	76	45	29	39	62	44	70
Garson	70	49	—	57	1	84	31	72
Georgetown	52	86	76	30	24	76	57	74
Goderich	81	93	76	96	90	96	58	92
Gravenhurst	86	87	73	24	95	70	13	80
Greely	—	—	100	62	—	59	51	—
Grimsby	55	86	44	88	45	88	18	63
Guelph	58	67	75	62	60	59	54	71
Hamilton	40	63	66	33	55	66	59	76
Hanmer	56	20	100	33	68	69	1	89
Hanover	63	94	83	85	70	100	93	92
Hawkesbury	85	83	64	16	68	68	56	53
Huntsville	71	95	49	29	67	100	16	83
Ingersoll	65	88	82	65	68	85	76	78
Innisfil	—	—	—	99	77	56	34	56
Kapuskasing	91	34	80	69	100	31	44	74
Kenora	100	73	38	56	93	87	100	62
Keswick	72	61	82	62	54	60	35	46
Kincardine	56	70	82	10	65	100	91	38
King City	61	80	100	100	47	100	100	29
Kingston	46	63	63	50	57	52	52	67
Kingsville	48	99	96	92	65	100	28	95
Kirkland Lake	94	77	64	23	51	76	88	94
Kitchener	45	71	64	49	64	55	57	69
Leamington	83	69	72	62	54	56	74	82
Lindsay	67	67	83	60	84	61	61	85
Listowel	34	73	65	20	40	65	71	68
Lively	25	69	36	18	0	63	58	63
London	33	64	61	43	59	59	58	65
Manotick	—	0	55	62	77	37	74	—
Maple	0	73	100	56	94	48	63	81
Markham	29	66	64	31	58	59	45	43
Meaford	100	100	99	24	92	70	—	—

Failure to Rescue: Score by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Midland	63	96	83	52	100	91	73	54
Milton	52	62	75	61	79	44	58	87
Mississauga	50	70	65	51	53	58	52	65
Napanee	68	38	81	59	51	83	65	32
Navan	—	—	68	63	—	91	88	—
New Hamburg	—	—	—	—	—	—	64	72
Newmarket	44	75	70	49	76	74	45	67
Niagara Falls	40	71	69	50	48	56	56	50
North Bay	61	61	74	57	48	79	50	74
North York	54	65	61	55	54	66	53	72
Oakville	49	75	70	56	66	69	73	81
Orangeville	78	81	43	49	62	67	55	87
Orillia	60	83	74	81	71	75	69	76
Oshawa	38	69	64	29	67	60	55	60
Ottawa	51	73	64	61	65	67	58	78
Owen Sound	64	66	65	81	71	41	76	65
Paris	86	74	49	100	40	100	39	100
Parry Sound	47	100	87	73	87	74	98	72
Pembroke	25	76	69	64	74	98	48	76
Penetanguishene	100	99	86	62	70	100	99	70
Perth	50	59	84	88	57	68	56	48
Petawawa	15	71	0	71	75	48	69	75
Peterborough	56	74	64	57	75	75	31	54
Pickering	54	72	77	74	65	79	38	58
Port Colborne	54	55	44	33	49	66	64	67
Port Hope	20	80	82	77	10	49	63	73
Port Perry	57	87	56	62	62	43	89	44
Port Stanley	—	—	—	—	32	94	100	—
Renfrew	59	56	100	5	63	88	61	44
Richmond Hill	42	78	71	50	72	72	59	70
Rockland	50	65	83	100	84	68	70	91
Russell	—	95	86	—	—	—	—	—
Sarnia	54	71	73	23	57	56	64	63
Sault Ste. Marie	53	69	58	71	72	61	75	66
Scarborough	46	64	65	46	47	62	55	70
Simcoe	57	68	78	35	49	89	50	76
Sioux Lookout	87	—	—	62	85	—	63	—
Smiths Falls	55	64	76	2	52	69	48	75
St. Catharine	54	70	62	69	55	46	53	69
St. Mary's	100	84	75	75	84	88	100	68
St. Thomas	46	76	69	61	63	68	54	55
Stouffville	50	67	42	63	52	68	52	55
Stratford	61	78	88	59	69	65	72	89
Strathroy	54	82	43	85	60	59	65	55
Sturgeon	—	—	—	—	—	92	100	—
Sudbury	39	70	77	21	51	54	64	55
Thornhill	61	80	69	44	61	67	49	80
Thunder Bay	49	58	68	38	59	65	61	68
Tillsonburg	86	75	39	31	81	52	72	75
Timmins	71	83	73	78	62	48	59	62
Toronto	50	70	62	46	58	60	61	70
Trenton	81	68	62	65	40	77	85	86
Uxbridge	64	69	84	78	50	76	67	100
Val Caron	56	68	40	0	67	76	77	80
Wallaceburg	38	92	88	50	48	49	20	72
Wasaga Beach	—	—	—	—	—	—	—	0
Welland	60	71	65	20	53	62	43	69
Weston	59	63	67	52	69	60	45	62
Whitby	35	68	50	42	75	58	59	69
Willowdale	45	72	64	36	64	76	56	74
Windsor	51	73	69	45	50	65	56	70
Woodbridge	43	81	68	46	95	62	58	59
Woodstock	56	87	81	71	78	87	68	61
Rural	58	72	75	60	68	68	65	70
Other	49	71	60	65	65	65	71	74

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: Score by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Acton	100	25	100	100	0	100	100	100
Ajax	93	100	100	100	67	100	84	87
Alliston	100	100	100	53	100	100	100	100
Amherstburg	100	60	75	100	100	100	100	100
Arnprior	100	100	100	55	100	100	100	100
Aurora	100	100	100	100	100	57	70	100
Aylmer West	73	56	100	100	100	56	100	100
Barrie	96	100	91	100	100	95	93	95
Belleville	92	100	100	89	100	76	65	86
Bolton	100	100	100	100	52	100	100	100
Bowmanville	100	90	100	100	100	100	85	88
Bracebridge	100	100	100	100	100	100	100	100
Bradford	100	56	100	100	100	100	100	100
Brampton	99	89	100	95	98	100	98	100
Brantford	93	100	88	100	94	100	100	100
Brockville	100	100	100	82	100	100	100	100
Burlington	94	100	90	100	100	92	89	91
Caledon	100	100	100	100	100	100	100	100
Caledonia	0	100	100	100	11	100	18	100
Cambridge	93	95	100	95	71	100	100	88
Carleton Place	100	100	100	100	100	100	100	100
Chatham	89	91	100	100	100	100	87	88
Cobourg	100	100	100	73	100	100	100	100
Collingwood	100	100	100	100	68	100	100	100
Concord	100	100	26	100	100	100	100	100
Cornwall	100	100	100	92	89	91	100	100
Cumberland	100	100	100	100	100	100	100	100
Delhi	100	100	100	100	100	100	0	15
Downsview	100	100	100	85	94	90	100	100
Dryden	70	100	100	100	100	100	100	100
Dunnville	100	100	100	100	42	55	100	47
East Gwillimbury	100	100	29	100	100	100	100	100
Elliot Lake	100	100	100	100	100	67	100	100
Elmira	100	100	100	100	100	100	100	100
Espanola	100	100	100	100	100	100	100	100
Essex	100	100	100	100	100	100	100	100
Etobicoke	87	98	99	95	100	92	93	95
Fergus	100	100	100	100	100	100	100	100
Fort Erie	100	100	79	100	100	100	100	100
Fort Frances	100	57	74	100	53	100	44	100
Gananoque	100	100	100	0	100	100	100	100
Garson	100	100	100	7	100	100	100	100
Georgetown	100	100	83	100	67	100	100	100
Goderich	100	67	100	65	100	100	100	100
Gravenhurst	100	32	100	100	39	100	39	100
Greely	100	100	100	100	100	100	100	100
Grimsby	100	100	100	100	53	100	100	100
Guelph	100	94	96	87	100	100	75	94
Hamilton	100	92	98	95	85	93	98	91
Hanmer	100	47	100	100	100	100	100	100
Hanover	100	59	100	100	100	100	100	100
Hawkesbury	100	100	100	100	100	100	100	100
Huntsville	100	100	100	100	100	100	100	59
Ingersoll	100	100	100	100	100	61	100	100
Innisfil	—	—	—	100	100	37	56	100
Kapuskasing	100	100	100	100	100	100	100	100
Kenora	100	100	100	100	51	100	100	54
Keswick	100	100	100	100	100	100	100	100
Kincardine	48	100	100	100	38	100	100	100
King City	100	100	100	100	100	100	100	100
Kingston	97	80	100	100	100	95	93	86
Kingsville	100	100	100	53	37	100	100	100
Kirkland Lake	100	55	100	100	100	100	100	100
Kitchener	97	95	97	95	76	98	100	95
Leamington	100	100	86	100	100	100	100	100
Lindsay	100	63	100	100	100	100	100	100
Listowel	100	100	61	100	100	100	100	100
Lively	100	100	100	100	100	100	100	100
London	95	91	100	99	85	82	79	94
Manotick	100	100	0	100	100	100	100	100
Maple	100	100	76	100	63	100	100	100
Markham	100	100	95	93	69	73	63	95
Meaford	100	100	100	100	100	100	100	100

Foreign Body Left During Procedure: Score by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Midland	100	100	100	100	69	76	100	74
Milton	100	73	100	100	100	79	100	80
Mississauga	98	96	99	95	100	98	98	96
Napanee	100	100	100	100	100	100	100	100
Navan	100	100	100	100	100	100	100	100
New Hamburg	100	—	—	—	—	100	100	0
Newmarket	100	100	100	89	100	90	85	100
Niagara Falls	97	94	96	86	100	93	66	100
North Bay	89	100	100	93	91	100	78	91
North York	100	100	94	100	87	80	100	100
Oakville	89	100	93	83	94	96	94	100
Orangeville	100	100	100	81	100	100	100	100
Orillia	92	72	92	88	100	90	51	87
Oshawa	95	100	100	100	100	92	95	91
Ottawa	95	99	97	96	91	91	89	99
Owen Sound	100	70	89	85	81	100	79	100
Paris	35	100	100	100	100	100	100	100
Parry Sound	60	100	100	69	100	100	100	100
Pembroke	100	100	100	100	100	100	100	100
Penetanguishene	100	100	100	57	100	100	100	100
Perth	100	100	100	100	100	100	100	100
Petawawa	100	47	100	100	100	100	100	100
Peterborough	97	100	100	100	93	81	83	94
Pickering	100	89	100	100	100	79	100	100
Port Colborne	100	75	46	100	100	73	62	100
Port Hope	100	100	100	100	100	100	100	54
Port Perry	100	100	100	100	100	100	100	40
Port Stanley	100	100	100	100	100	100	100	100
Renfrew	77	100	100	100	100	100	100	100
Richmond Hill	90	92	100	93	91	100	100	86
Rockland	100	100	100	100	100	100	100	100
Russell	100	100	100	100	100	100	100	100
Sarnia	100	100	100	100	100	100	91	100
Sault Ste. Marie	93	87	100	82	93	100	100	100
Scarborough	94	94	93	100	86	96	95	96
Simcoe	100	75	84	100	100	75	68	100
Sioux Lookout	100	0	100	100	100	0	100	100
Smiths Falls	100	100	100	100	100	100	100	100
St. Catharine	98	93	98	89	91	97	100	100
St. Mary's	100	100	100	100	21	100	100	100
St. Thomas	92	87	92	100	100	100	100	100
Stouffville	73	49	100	100	100	100	100	100
Stratford	100	100	100	100	76	100	49	100
Strathroy	100	100	100	100	100	100	100	100
Sturgeon	—	—	—	—	100	55	100	46
Sudbury	97	100	100	100	94	89	84	100
Thornhill	100	100	94	91	100	100	88	100
Thunder Bay	92	91	100	96	95	97	100	86
Tillsonburg	100	100	83	100	65	100	100	100
Timmins	100	71	100	86	83	87	81	84
Toronto	97	95	93	94	98	90	97	98
Trenton	100	75	100	76	100	100	100	73
Uxbridge	100	100	100	100	33	45	100	100
Val Caron	100	100	100	100	100	100	100	100
Wallaceburg	100	100	100	68	100	68	100	100
Wasaga Beach	—	—	—	—	—	—	100	100
Welland	88	100	94	68	100	80	87	77
Weston	97	72	96	100	100	94	100	93
Whitby	100	100	100	100	100	100	100	100
Willowdale	100	97	100	100	100	93	90	97
Windsor	97	89	93	84	91	86	100	96
Woodbridge	100	100	90	86	83	100	86	89
Woodstock	92	100	91	100	65	100	65	100
Rural	96	94	96	92	93	95	94	95
Other	95	98	99	95	89	98	92	100

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: Score by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Acton	100	100	99	100	100	—	—	—
Ajax	100	100	100	93	100	—	—	—
Alliston	100	100	100	100	92	—	—	—
Amherstburg	100	100	100	100	100	—	—	—
Arnprior	100	100	100	100	100	—	—	—
Aurora	100	100	100	100	100	—	—	—
Aylmer West	100	100	100	100	100	—	—	—
Barrie	95	100	93	100	99	—	—	—
Belleville	92	89	66	100	93	—	—	—
Bolton	100	100	100	100	100	—	—	—
Bowmanville	100	100	100	100	98	—	—	—
Bracebridge	0	100	100	100	100	—	—	—
Bradford	100	100	100	100	100	—	—	—
Brampton	100	99	96	98	99	—	—	—
Brantford	100	98	100	100	98	—	—	—
Brockville	100	100	100	100	100	—	—	—
Burlington	97	100	100	100	100	—	—	—
Caledon	99	99	98	99	100	—	—	—
Caledonia	100	100	100	100	100	—	—	—
Cambridge	92	100	100	100	99	—	—	—
Carleton Place	100	100	100	0	92	—	—	—
Chatham	83	100	100	100	100	—	—	—
Cobourg	100	89	100	100	100	—	—	—
Collingwood	100	88	100	100	100	—	—	—
Concord	100	100	100	100	100	—	—	—
Cornwall	100	97	93	100	100	—	—	—
Cumberland	100	0	100	100	100	—	—	—
Delhi	100	100	100	100	74	—	—	—
Downsview	97	100	84	98	98	—	—	—
Dryden	100	100	37	100	100	—	—	—
Dunnville	100	100	100	100	100	—	—	—
East Gwillimbury	100	100	100	100	100	—	—	—
Elliot Lake	82	100	65	100	100	—	—	—
Elmira	100	100	100	100	100	—	—	—
Espanola	100	100	100	100	100	—	—	—
Essex	100	100	100	100	100	—	—	—
Etobicoke	97	98	99	94	99	—	—	—
Fergus	100	100	100	100	100	—	—	—
Fort Erie	100	100	100	100	100	—	—	—
Fort Frances	100	100	100	100	100	—	—	—
Gananoque	100	100	100	100	100	—	—	—
Garson	99	100	100	100	100	—	—	—
Georgetown	83	100	100	100	100	—	—	—
Goderich	100	84	100	100	100	—	—	—
Gravenhurst	100	100	100	100	100	—	—	—
Greely	100	100	100	100	100	—	—	—
Grimsby	100	100	100	74	94	—	—	—
Guelph	100	95	86	96	99	—	—	—
Hamilton	100	95	91	92	98	—	—	—
Hanmer	99	100	99	99	100	—	—	—
Hanover	71	100	100	100	100	—	—	—
Hawkesbury	100	100	100	100	100	—	—	—
Huntsville	69	100	100	100	100	—	—	—
Ingersoll	100	100	100	100	90	—	—	—
Innisfil	—	—	—	100	100	—	—	—
Kapuskasing	100	100	100	100	93	—	—	—
Kenora	100	100	100	100	100	—	—	—
Keswick	100	100	100	100	100	—	—	—
Kincardine	100	100	100	100	100	—	—	—
King City	100	100	100	100	100	—	—	—
Kingston	100	95	100	97	99	—	—	—
Kingsville	100	100	100	100	100	—	—	—
Kirkland Lake	100	79	100	100	100	—	—	—
Kitchener	99	99	86	97	100	—	—	—
Leamington	100	100	100	83	100	—	—	—
Lindsay	89	100	82	100	100	—	—	—
Listowel	100	100	100	100	100	—	—	—
Lively	100	100	100	100	100	—	—	—
London	97	95	87	97	97	—	—	—
Manotick	100	59	100	100	100	—	—	—
Maple	100	100	100	100	100	—	—	—
Markham	100	89	100	92	96	—	—	—
Meaford	100	100	100	100	100	—	—	—

Postoperative Hip Fracture: Score by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Midland	100	100	100	100	95	—	—	—
Milton	100	100	100	100	100	—	—	—
Mississauga	96	100	97	98	98	—	—	—
Napanee	100	100	100	100	100	—	—	—
Navan	100	36	100	100	100	—	—	—
New Hamburg	—	—	—	—	—	—	—	—
Newmarket	100	95	100	92	98	—	—	—
Niagara Falls	80	100	93	100	100	—	—	—
North Bay	100	100	100	90	100	—	—	—
North York	100	94	100	100	97	—	—	—
Oakville	100	100	87	100	100	—	—	—
Orangeville	100	100	100	100	100	—	—	—
Orillia	100	90	100	100	100	—	—	—
Oshawa	91	100	90	98	99	—	—	—
Ottawa	79	87	69	83	96	—	—	—
Owen Sound	100	100	100	100	100	—	—	—
Paris	100	100	100	6	100	—	—	—
Parry Sound	100	100	100	80	90	—	—	—
Pembroke	100	100	100	100	100	—	—	—
Penetanguishene	100	100	100	100	100	—	—	—
Perth	100	100	100	100	92	—	—	—
Petawawa	99	100	99	55	100	—	—	—
Peterborough	79	99	76	97	98	—	—	—
Pickering	100	100	75	93	100	—	—	—
Port Colborne	100	100	67	84	95	—	—	—
Port Hope	100	100	37	100	91	—	—	—
Port Perry	100	100	100	100	73	—	—	—
Port Stanley	100	100	100	100	0	—	—	—
Renfrew	100	85	0	100	100	—	—	—
Richmond Hill	100	100	92	100	99	—	—	—
Rockland	53	100	100	100	87	—	—	—
Russell	100	100	100	100	100	—	—	—
Sarnia	100	97	100	100	97	—	—	—
Sault Ste. Marie	98	96	97	100	100	—	—	—
Scarborough	90	90	89	93	95	—	—	—
Simcoe	100	100	73	100	100	—	—	—
Sioux Lookout	100	100	100	100	100	—	—	—
Smiths Falls	100	100	100	75	100	—	—	—
St. Catharine	95	96	97	100	98	—	—	—
St. Mary's	100	100	100	100	100	—	—	—
St. Thomas	91	90	100	100	100	—	—	—
Stouffville	72	84	100	100	100	—	—	—
Stratford	83	100	100	85	100	—	—	—
Strathroy	100	100	100	100	100	—	—	—
Sturgeon	—	—	—	—	100	—	—	—
Sudbury	93	98	94	100	98	—	—	—
Thornhill	100	100	71	90	99	—	—	—
Thunder Bay	90	98	85	92	98	—	—	—
Tillsonburg	100	100	100	100	100	—	—	—
Timmins	100	100	100	95	98	—	—	—
Toronto	96	97	87	93	97	—	—	—
Trenton	100	100	100	100	96	—	—	—
Uxbridge	100	80	100	100	100	—	—	—
Val Caron	100	100	99	100	100	—	—	—
Wallaceburg	78	88	100	100	93	—	—	—
Wasaga Beach	—	—	—	—	—	—	—	—
Welland	93	92	100	97	96	—	—	—
Weston	92	98	100	97	99	—	—	—
Whitby	100	100	100	100	98	—	—	—
Willowdale	83	100	71	79	96	—	—	—
Windsor	94	97	87	100	99	—	—	—
Woodbridge	100	88	100	100	98	—	—	—
Woodstock	100	100	100	93	100	—	—	—
Rural	96	98	97	97	99	—	—	—
Other	98	98	97	98	98	—	—	—

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: Score by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Acton	100	100	100	100	72	—	—	—
Ajax	82	100	89	51	100	—	—	—
Alliston	77	80	88	32	89	—	—	—
Amherstburg	100	88	100	100	92	—	—	—
Arnprior	100	68	100	64	80	—	—	—
Aurora	100	100	100	97	99	—	—	—
Aylmer West	81	83	100	100	86	—	—	—
Barrie	100	86	82	100	94	—	—	—
Belleville	94	100	78	91	95	—	—	—
Bolton	82	46	100	100	100	—	—	—
Bowmanville	100	97	99	82	97	—	—	—
Bracebridge	100	100	100	100	100	—	—	—
Bradford	100	45	87	76	100	—	—	—
Brampton	100	100	100	100	100	—	—	—
Brantford	100	100	100	91	96	—	—	—
Brockville	100	100	100	79	88	—	—	—
Burlington	100	100	100	100	90	—	—	—
Caledon	100	100	100	100	100	—	—	—
Caledonia	100	100	100	100	47	—	—	—
Cambridge	95	100	100	77	85	—	—	—
Carleton Place	100	100	100	100	86	—	—	—
Chatham	96	100	100	100	96	—	—	—
Cobourg	100	100	100	100	100	—	—	—
Collingwood	100	91	72	95	100	—	—	—
Concord	100	100	100	100	100	—	—	—
Cornwall	100	99	100	100	89	—	—	—
Cumberland	100	100	100	100	100	—	—	—
Delhi	100	100	100	100	100	—	—	—
Downsview	100	100	100	100	100	—	—	—
Dryden	100	72	100	100	100	—	—	—
Dunnville	77	100	80	100	100	—	—	—
East Gwillimbury	100	100	59	100	100	—	—	—
Elliot Lake	100	90	94	100	95	—	—	—
Elmira	100	100	100	100	63	—	—	—
Espanola	100	100	100	100	63	—	—	—
Essex	100	100	79	100	100	—	—	—
Etobicoke	98	94	97	100	100	—	—	—
Fergus	100	100	100	66	82	—	—	—
Fort Erie	100	86	100	100	100	—	—	—
Fort Frances	100	100	100	0	74	—	—	—
Gananoque	100	100	60	100	100	—	—	—
Garson	0	100	100	100	18	—	—	—
Georgetown	100	100	100	100	100	—	—	—
Goderich	83	100	84	100	100	—	—	—
Gravenhurst	37	71	100	100	85	—	—	—
Greely	100	100	100	100	100	—	—	—
Grimsby	100	84	100	79	100	—	—	—
Guelph	98	98	100	70	100	—	—	—
Hamilton	99	100	96	86	78	—	—	—
Hanmer	100	78	80	100	0	—	—	—
Hanover	80	100	100	100	100	—	—	—
Hawkesbury	100	100	100	100	55	—	—	—
Huntsville	100	59	100	100	100	—	—	—
Ingersoll	100	100	100	30	100	—	—	—
Innisfil	—	—	—	100	100	—	—	—
Kapuskasing	83	71	86	100	100	—	—	—
Kenora	71	0	66	56	39	—	—	—
Keswick	100	100	100	100	93	—	—	—
Kincardine	100	100	100	100	100	—	—	—
King City	100	36	100	42	100	—	—	—
Kingston	100	87	92	100	100	—	—	—
Kingsville	84	81	100	100	100	—	—	—
Kirkland Lake	100	100	100	100	100	—	—	—
Kitchener	100	100	90	100	96	—	—	—
Leamington	100	100	96	90	100	—	—	—
Lindsay	91	100	89	80	99	—	—	—
Listowel	58	100	55	100	100	—	—	—
Lively	100	100	0	100	100	—	—	—
London	98	100	100	100	95	—	—	—
Manotick	100	100	100	16	100	—	—	—
Maple	79	100	100	88	97	—	—	—
Markham	100	100	93	100	87	—	—	—
Meaford	100	100	100	49	100	—	—	—

Postoperative Hemorrhage or Hematoma: Score by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Midland	100	37	91	100	95	—	—	—
Milton	93	100	100	91	95	—	—	—
Mississauga	100	100	94	100	94	—	—	—
Napanee	100	100	83	100	87	—	—	—
Navan	100	100	100	100	100	—	—	—
New Hamburg	—	—	—	—	—	—	—	—
Newmarket	74	96	100	84	100	—	—	—
Niagara Falls	100	100	99	100	97	—	—	—
North Bay	87	100	100	81	85	—	—	—
North York	100	100	100	100	100	—	—	—
Oakville	100	100	100	100	92	—	—	—
Orangeville	100	100	88	84	80	—	—	—
Orillia	93	100	96	100	84	—	—	—
Oshawa	98	100	100	91	95	—	—	—
Ottawa	94	100	100	100	100	—	—	—
Owen Sound	100	100	87	100	100	—	—	—
Paris	100	100	100	100	100	—	—	—
Parry Sound	100	100	100	100	100	—	—	—
Pembroke	99	81	100	100	97	—	—	—
Penetanguishene	100	74	100	72	100	—	—	—
Perth	100	80	100	100	100	—	—	—
Petawawa	61	53	100	100	100	—	—	—
Peterborough	91	100	93	99	98	—	—	—
Pickering	100	89	90	85	85	—	—	—
Port Colborne	100	99	94	100	100	—	—	—
Port Hope	100	80	100	100	100	—	—	—
Port Perry	80	100	85	100	36	—	—	—
Port Stanley	100	100	100	100	100	—	—	—
Renfrew	100	100	100	100	100	—	—	—
Richmond Hill	94	100	86	100	89	—	—	—
Rockland	66	100	100	100	100	—	—	—
Russell	15	100	100	100	100	—	—	—
Sarnia	84	100	100	100	100	—	—	—
Sault Ste. Marie	98	100	100	94	99	—	—	—
Scarborough	100	94	100	98	100	—	—	—
Simcoe	61	49	100	69	100	—	—	—
Sioux Lookout	100	100	2	100	31	—	—	—
Smiths Falls	91	100	100	100	100	—	—	—
St. Catharine	94	100	100	89	96	—	—	—
St. Mary's	51	100	100	100	100	—	—	—
St. Thomas	100	82	93	100	100	—	—	—
Stouffville	100	100	100	100	100	—	—	—
Stratford	100	100	100	100	100	—	—	—
Strathroy	100	100	91	100	91	—	—	—
Sturgeon	—	—	—	—	100	—	—	—
Sudbury	88	96	96	100	89	—	—	—
Thornhill	100	100	100	97	100	—	—	—
Thunder Bay	89	100	93	100	86	—	—	—
Tillsonburg	94	92	95	100	100	—	—	—
Timmins	94	100	93	100	100	—	—	—
Toronto	98	100	100	100	100	—	—	—
Trenton	100	100	74	94	100	—	—	—
Uxbridge	100	100	100	100	100	—	—	—
Val Caron	62	48	61	100	100	—	—	—
Wallaceburg	94	100	100	100	100	—	—	—
Wasaga Beach	—	—	—	—	—	—	—	—
Welland	100	100	100	100	100	—	—	—
Weston	100	97	88	100	100	—	—	—
Whitby	100	100	100	100	95	—	—	—
Willowdale	100	100	100	100	96	—	—	—
Windsor	100	100	100	100	100	—	—	—
Woodbridge	91	100	100	100	100	—	—	—
Woodstock	100	100	83	90	100	—	—	—
Rural	99	100	100	99	100	—	—	—
Other	100	100	100	100	100	—	—	—

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: Score by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Acton	100	100	0	100	100	72	71	100
Ajax	100	100	83	72	100	100	100	100
Alliston	100	100	100	100	23	80	100	59
Amherstburg	99	100	100	100	100	100	100	100
Arnprior	100	100	99	100	100	100	100	100
Aurora	100	73	100	100	100	100	100	100
Aylmer West	99	100	98	100	100	100	77	100
Barrie	86	94	100	100	75	100	100	100
Belleville	82	100	79	100	75	95	91	100
Bolton	50	100	99	48	100	100	100	100
Bowmanville	87	100	48	100	86	100	100	93
Bracebridge	100	100	100	100	100	100	100	61
Bradford	100	100	100	100	36	100	100	100
Brampton	92	100	95	95	92	100	100	94
Brantford	97	100	95	82	94	95	100	88
Brockville	100	100	65	100	100	89	88	100
Burlington	100	81	93	100	85	100	96	100
Caledon	96	100	100	98	96	100	100	100
Caledonia	100	100	100	100	100	100	100	43
Cambridge	100	100	85	97	83	93	100	100
Carleton Place	100	100	100	100	100	100	67	53
Chatham	100	100	64	84	82	89	100	100
Cobourg	100	100	100	100	100	100	89	100
Collingwood	100	100	100	100	52	100	100	100
Concord	100	100	97	100	100	72	100	100
Cornwall	90	100	86	100	64	91	96	100
Cumberland	100	100	100	100	100	100	100	100
Delhi	100	99	100	100	100	100	100	100
Downsview	91	99	86	100	98	94	94	99
Dryden	97	100	97	98	100	100	100	98
Dunnville	100	49	100	41	100	82	100	100
East Gwillimbury	100	100	100	100	100	57	100	100
Elliot Lake	100	49	100	100	100	100	80	100
Elmira	100	99	100	100	99	100	100	99
Espanola	100	99	98	100	100	99	100	99
Essex	100	100	100	100	100	100	100	100
Etobicoke	98	100	88	100	96	100	99	97
Fergus	100	100	100	100	0	100	100	100
Fort Erie	100	100	100	100	100	100	100	100
Fort Frances	100	100	100	100	97	100	100	100
Gananoque	100	100	100	100	100	100	100	100
Garson	100	100	100	99	100	100	100	100
Georgetown	100	100	99	100	60	90	100	100
Goderich	100	100	100	37	100	100	79	60
Gravenhurst	100	100	100	100	100	100	100	47
Greely	100	100	100	100	100	100	100	100
Grimsby	100	61	51	100	100	100	100	76
Guelph	100	91	79	68	66	100	95	97
Hamilton	100	91	82	91	95	96	95	100
Hanmer	99	98	99	99	100	100	100	100
Hanover	99	99	100	100	100	100	100	100
Hawkesbury	100	100	100	100	100	72	100	37
Huntsville	100	100	100	100	100	81	100	100
Ingersoll	100	100	99	100	100	100	76	100
Innisfil	—	—	—	100	100	100	83	100
Kapuskasing	99	100	100	47	99	100	100	100
Kenora	96	97	97	98	95	99	99	99
Keswick	51	100	100	100	100	100	100	100
Kincardine	99	100	100	100	100	100	100	100
King City	100	100	100	100	100	100	100	100
Kingston	94	100	100	100	89	100	96	94
Kingsville	100	100	25	100	100	100	100	100
Kirkland Lake	100	100	100	99	98	100	100	100
Kitchener	88	99	96	97	91	96	97	99
Leamington	100	79	100	100	53	100	100	100
Lindsay	100	100	100	100	100	92	100	87
Listowel	0	100	99	100	100	100	100	34
Lively	100	100	99	100	100	100	100	99
London	89	100	92	84	96	98	99	97
Manotick	98	100	100	100	97	100	100	0
Maple	100	100	100	100	59	100	100	62
Markham	100	86	90	100	100	96	100	100
Meaford	100	100	100	100	100	100	99	100

Postoperative Physiologic and Metabolic Derangement: Score by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Midland	100	100	100	100	100	100	100	100
Milton	100	69	100	0	100	100	100	85
Mississauga	86	100	100	99	100	98	100	100
Napanee	100	100	16	100	100	73	67	100
Navan	96	96	99	98	100	100	99	100
New Hamburg	—	—	—	—	—	0	100	100
Newmarket	100	100	100	89	100	97	100	91
Niagara Falls	92	97	97	100	100	100	100	100
North Bay	100	90	89	100	100	90	100	91
North York	100	92	100	100	100	100	100	94
Oakville	95	95	93	100	100	100	87	94
Orangeville	100	100	82	100	100	100	100	100
Orillia	100	100	83	66	100	95	100	78
Oshawa	100	96	90	93	99	97	100	94
Ottawa	98	98	91	95	82	96	93	90
Owen Sound	100	100	100	100	100	100	100	100
Paris	100	100	100	100	99	100	100	100
Parry Sound	100	100	100	100	37	100	100	100
Pembroke	100	100	100	100	58	76	87	100
Penetanguishene	100	100	100	100	100	100	100	100
Perth	100	100	99	32	100	100	100	100
Petawawa	99	99	97	98	100	100	100	100
Peterborough	97	100	100	94	100	100	100	100
Pickering	100	100	100	73	89	92	100	92
Port Colborne	100	75	100	100	49	100	82	100
Port Hope	48	100	100	100	100	100	100	100
Port Perry	100	100	100	100	100	84	100	100
Port Stanley	100	100	100	100	100	100	0	100
Renfrew	100	100	100	100	100	100	100	100
Richmond Hill	70	95	93	84	96	100	100	100
Rockland	100	100	99	100	100	99	100	46
Russell	99	100	97	100	100	100	100	100
Sarnia	100	91	88	100	100	98	100	98
Sault Ste. Marie	89	90	100	100	100	100	97	85
Scarborough	91	95	100	96	87	99	99	93
Simcoe	100	0	54	100	100	87	100	100
Sioux Lookout	100	100	95	97	100	100	100	100
Smiths Falls	99	100	97	100	100	100	47	100
St. Catharine	87	98	100	100	86	100	92	99
St. Mary's	100	100	100	100	100	100	100	100
St. Thomas	100	86	100	100	100	100	100	88
Stouffville	100	100	100	100	100	100	100	100
Stratford	100	75	100	79	72	100	90	84
Strathroy	100	100	99	100	100	71	100	67
Sturgeon	—	—	—	—	97	100	100	49
Sudbury	93	100	100	92	87	100	95	88
Thornhill	100	91	89	70	94	99	97	100
Thunder Bay	97	97	98	100	100	99	96	100
Tillsonburg	100	100	100	100	100	100	87	100
Timmins	100	100	100	100	66	100	100	100
Toronto	93	92	92	99	100	99	96	100
Trenton	100	100	56	100	100	87	100	100
Uxbridge	100	100	100	100	100	100	100	100
Val Caron	100	98	99	100	100	100	99	99
Wallaceburg	100	59	100	100	100	100	100	100
Wasaga Beach	—	—	—	—	—	—	—	100
Welland	100	100	52	89	100	89	96	100
Weston	95	91	100	96	81	100	100	100
Whitby	62	100	100	100	75	100	100	100
Willowdale	99	94	93	85	100	94	99	100
Windsor	100	100	98	100	82	97	100	100
Woodbridge	88	100	100	100	100	100	100	100
Woodstock	100	99	100	100	100	95	100	87
Rural	98	98	97	97	94	99	96	98
Other	100	100	83	88	68	98	97	90

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: Score by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Acton	—	—	—	—	—	100	100	100
Ajax	—	—	—	—	—	100	100	100
Alliston	—	—	—	—	—	79	100	100
Amherstburg	—	—	—	—	—	87	100	100
Arnprior	—	—	—	—	—	100	89	86
Aurora	—	—	—	—	—	92	100	100
Aylmer West	—	—	—	—	—	100	73	100
Barrie	—	—	—	—	—	100	100	100
Belleville	—	—	—	—	—	97	100	100
Bolton	—	—	—	—	—	100	100	100
Bowmanville	—	—	—	—	—	100	100	92
Bracebridge	—	—	—	—	—	77	71	100
Bradford	—	—	—	—	—	44	32	100
Brampton	—	—	—	—	—	100	100	97
Brantford	—	—	—	—	—	100	100	92
Brockville	—	—	—	—	—	100	93	96
Burlington	—	—	—	—	—	100	86	100
Caledon	—	—	—	—	—	100	100	98
Caledonia	—	—	—	—	—	100	100	100
Cambridge	—	—	—	—	—	93	100	99
Carleton Place	—	—	—	—	—	100	100	77
Chatham	—	—	—	—	—	100	100	100
Cobourg	—	—	—	—	—	99	100	94
Collingwood	—	—	—	—	—	100	100	100
Concord	—	—	—	—	—	64	100	100
Cornwall	—	—	—	—	—	94	95	83
Cumberland	—	—	—	—	—	100	100	0
Delhi	—	—	—	—	—	100	100	79
Downsview	—	—	—	—	—	100	100	94
Dryden	—	—	—	—	—	100	100	100
Dunnville	—	—	—	—	—	40	100	81
East Gwillimbury	—	—	—	—	—	100	100	100
Elliot Lake	—	—	—	—	—	100	100	100
Elmira	—	—	—	—	—	100	100	100
Espanola	—	—	—	—	—	100	100	100
Essex	—	—	—	—	—	71	100	100
Etobicoke	—	—	—	—	—	100	100	95
Fergus	—	—	—	—	—	100	78	100
Fort Erie	—	—	—	—	—	95	100	100
Fort Frances	—	—	—	—	—	100	100	100
Gananoque	—	—	—	—	—	100	100	100
Garson	—	—	—	—	—	100	98	98
Georgetown	—	—	—	—	—	100	100	100
Goderich	—	—	—	—	—	91	100	72
Gravenhurst	—	—	—	—	—	70	100	100
Greely	—	—	—	—	—	100	100	100
Grimsby	—	—	—	—	—	100	100	100
Guelph	—	—	—	—	—	94	99	100
Hamilton	—	—	—	—	—	100	100	98
Hanmer	—	—	—	—	—	100	100	100
Hanover	—	—	—	—	—	100	100	100
Hawkesbury	—	—	—	—	—	100	100	100
Huntsville	—	—	—	—	—	82	100	100
Ingersoll	—	—	—	—	—	80	100	100
Innisfil	—	—	—	—	—	100	100	100
Kapuskasing	—	—	—	—	—	100	100	100
Kenora	—	—	—	—	—	100	100	100
Keswick	—	—	—	—	—	100	75	100
Kincardine	—	—	—	—	—	100	100	100
King City	—	—	—	—	—	100	0	100
Kingston	—	—	—	—	—	100	93	98
Kingsville	—	—	—	—	—	88	100	100
Kirkland Lake	—	—	—	—	—	75	61	100
Kitchener	—	—	—	—	—	100	84	95
Leamington	—	—	—	—	—	100	89	86
Lindsay	—	—	—	—	—	100	100	85
Listowel	—	—	—	—	—	0	100	77
Lively	—	—	—	—	—	100	100	100
London	—	—	—	—	—	100	100	100
Manotick	—	—	—	—	—	100	100	100
Maple	—	—	—	—	—	87	100	83
Markham	—	—	—	—	—	100	100	97
Meaford	—	—	—	—	—	100	100	100

Postoperative Respiratory Failure: Score by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Midland	—	—	—	—	—	100	100	81
Milton	—	—	—	—	—	100	100	96
Mississauga	—	—	—	—	—	93	97	94
Napanee	—	—	—	—	—	13	100	100
Navan	—	—	—	—	—	100	100	100
New Hamburg	—	—	—	—	—	100	100	100
Newmarket	—	—	—	—	—	100	94	98
Niagara Falls	—	—	—	—	—	100	100	88
North Bay	—	—	—	—	—	100	100	99
North York	—	—	—	—	—	100	100	96
Oakville	—	—	—	—	—	100	82	100
Orangeville	—	—	—	—	—	97	100	100
Orillia	—	—	—	—	—	100	100	88
Oshawa	—	—	—	—	—	100	100	91
Ottawa	—	—	—	—	—	100	84	91
Owen Sound	—	—	—	—	—	100	100	96
Paris	—	—	—	—	—	79	100	81
Parry Sound	—	—	—	—	—	100	100	100
Pembroke	—	—	—	—	—	73	71	96
Penetanguishene	—	—	—	—	—	100	100	100
Perth	—	—	—	—	—	79	100	100
Petawawa	—	—	—	—	—	100	100	100
Peterborough	—	—	—	—	—	99	97	96
Pickering	—	—	—	—	—	91	100	100
Port Colborne	—	—	—	—	—	100	100	100
Port Hope	—	—	—	—	—	77	100	100
Port Perry	—	—	—	—	—	86	89	91
Port Stanley	—	—	—	—	—	100	100	100
Renfrew	—	—	—	—	—	86	72	100
Richmond Hill	—	—	—	—	—	100	100	100
Rockland	—	—	—	—	—	100	100	100
Russell	—	—	—	—	—	100	100	100
Sarnia	—	—	—	—	—	100	100	100
Sault Ste. Marie	—	—	—	—	—	100	100	95
Scarborough	—	—	—	—	—	100	89	100
Simcoe	—	—	—	—	—	94	100	100
Sioux Lookout	—	—	—	—	—	100	98	100
Smiths Falls	—	—	—	—	—	100	100	100
St. Catharine	—	—	—	—	—	100	97	95
St. Mary's	—	—	—	—	—	100	43	100
St. Thomas	—	—	—	—	—	99	100	100
Stouffville	—	—	—	—	—	100	100	89
Stratford	—	—	—	—	—	96	100	100
Strathroy	—	—	—	—	—	100	100	100
Sturgeon	—	—	—	—	—	100	100	100
Sudbury	—	—	—	—	—	100	100	100
Thornhill	—	—	—	—	—	100	100	89
Thunder Bay	—	—	—	—	—	100	100	100
Tillsonburg	—	—	—	—	—	100	100	95
Timmins	—	—	—	—	—	97	95	100
Toronto	—	—	—	—	—	100	100	95
Trenton	—	—	—	—	—	100	100	72
Uxbridge	—	—	—	—	—	100	100	90
Val Caron	—	—	—	—	—	100	96	100
Wallaceburg	—	—	—	—	—	87	100	100
Wasaga Beach	—	—	—	—	—	—	—	100
Welland	—	—	—	—	—	100	77	100
Weston	—	—	—	—	—	100	100	91
Whitby	—	—	—	—	—	100	91	100
Willowdale	—	—	—	—	—	100	100	100
Windsor	—	—	—	—	—	100	94	94
Woodbridge	—	—	—	—	—	100	100	100
Woodstock	—	—	—	—	—	100	100	100
Rural	—	—	—	—	—	100	100	99
Other	—	—	—	—	—	100	99	96

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 Sepsis: Score by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Acton	100	89	100	64	54	—	—	—
Ajax	80	93	77	91	91	—	—	—
Alliston	100	60	25	76	84	—	—	—
Amherstburg	78	84	79	81	93	—	—	—
Arnprior	100	99	77	100	84	—	—	—
Aurora	70	84	60	89	79	—	—	—
Aylmer West	92	95	100	82	96	—	—	—
Barrie	83	90	88	80	89	—	—	—
Belleville	80	88	79	95	87	—	—	—
Bolton	74	84	81	97	81	—	—	—
Bowmanville	92	85	83	98	91	—	—	—
Bracebridge	100	89	71	73	84	—	—	—
Bradford	30	53	47	77	100	—	—	—
Brampton	87	90	89	96	86	—	—	—
Brantford	84	93	73	82	85	—	—	—
Brockville	70	81	78	89	94	—	—	—
Burlington	97	85	75	87	94	—	—	—
Caledon	100	0	95	98	100	—	—	—
Caledonia	100	75	90	84	90	—	—	—
Cambridge	83	98	88	88	98	—	—	—
Carleton Place	60	94	100	59	85	—	—	—
Chatham	75	75	80	91	97	—	—	—
Cobourg	83	87	72	100	100	—	—	—
Collingwood	77	100	83	81	95	—	—	—
Concord	79	82	57	100	80	—	—	—
Cornwall	86	95	91	89	93	—	—	—
Cumberland	100	58	100	100	0	—	—	—
Delhi	39	100	65	84	100	—	—	—
Downsview	92	79	88	84	89	—	—	—
Dryden	45	100	91	100	94	—	—	—
Dunnville	93	88	55	74	100	—	—	—
East Gwillimbury	81	62	100	91	92	—	—	—
Elliot Lake	100	71	77	100	100	—	—	—
Elmira	85	68	100	91	54	—	—	—
Espanola	100	98	78	100	100	—	—	—
Essex	84	93	91	96	78	—	—	—
Etobicoke	76	79	73	80	82	—	—	—
Fergus	83	100	96	86	100	—	—	—
Fort Erie	90	83	87	100	100	—	—	—
Fort Frances	78	100	70	94	94	—	—	—
Gananoque	97	71	53	84	100	—	—	—
Garson	100	99	79	89	100	—	—	—
Georgetown	92	92	80	90	86	—	—	—
Goderich	44	47	60	94	93	—	—	—
Gravenhurst	95	73	68	98	73	—	—	—
Greely	100	66	45	53	100	—	—	—
Grimsby	91	97	77	95	100	—	—	—
Guelph	97	84	80	80	88	—	—	—
Hamilton	84	89	76	85	84	—	—	—
Hanmer	77	100	99	85	100	—	—	—
Hanover	84	93	44	100	78	—	—	—
Hawkesbury	100	67	31	75	92	—	—	—
Huntsville	100	80	94	95	96	—	—	—
Ingersoll	66	85	67	96	75	—	—	—
Innisfil	—	—	—	75	96	—	—	—
Kapuskasing	100	100	94	89	90	—	—	—
Kenora	99	86	68	90	68	—	—	—
Keswick	100	82	72	87	81	—	—	—
Kincardine	57	84	99	100	74	—	—	—
King City	0	72	100	89	94	—	—	—
Kingston	75	87	62	88	88	—	—	—
Kingsville	85	78	67	96	83	—	—	—
Kirkland Lake	95	87	75	100	79	—	—	—
Kitchener	90	81	79	89	90	—	—	—
Leamington	96	72	86	82	82	—	—	—
Lindsay	82	95	82	84	94	—	—	—
Listowel	94	90	0	93	75	—	—	—
Lively	66	100	79	90	84	—	—	—
London	73	82	76	80	78	—	—	—
Manotick	56	88	99	57	74	—	—	—
Maple	100	67	84	90	88	—	—	—
Markham	88	92	89	93	96	—	—	—
Meaford	100	82	92	73	100	—	—	—

Postoperative Sepsis: Score by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Midland	94	100	46	95	97	—	—	—
Milton	83	75	94	96	97	—	—	—
Mississauga	84	87	77	85	83	—	—	—
Napanee	76	100	53	88	87	—	—	—
Navan	100	67	100	50	100	—	—	—
New Hamburg	—	—	—	—	—	—	—	—
Newmarket	79	80	53	79	97	—	—	—
Niagara Falls	84	83	77	96	92	—	—	—
North Bay	87	89	81	92	96	—	—	—
North York	79	84	78	92	85	—	—	—
Oakville	74	84	91	92	96	—	—	—
Orangeville	94	57	95	95	99	—	—	—
Orillia	84	95	82	86	97	—	—	—
Oshawa	87	93	75	87	94	—	—	—
Ottawa	80	86	80	85	84	—	—	—
Owen Sound	69	86	80	99	86	—	—	—
Paris	94	100	96	100	70	—	—	—
Parry Sound	100	83	100	91	83	—	—	—
Pembroke	89	91	68	96	77	—	—	—
Penetanguishene	94	92	94	100	89	—	—	—
Perth	76	100	66	50	100	—	—	—
Petawawa	79	100	82	89	88	—	—	—
Peterborough	87	90	89	95	91	—	—	—
Pickering	88	96	80	92	89	—	—	—
Port Colborne	68	89	88	73	94	—	—	—
Port Hope	81	82	92	74	95	—	—	—
Port Perry	93	76	84	87	79	—	—	—
Port Stanley	55	100	100	80	65	—	—	—
Renfrew	100	100	91	87	82	—	—	—
Richmond Hill	91	88	71	88	87	—	—	—
Rockland	54	77	66	73	70	—	—	—
Russell	100	100	100	100	100	—	—	—
Sarnia	86	90	64	81	95	—	—	—
Sault Ste. Marie	83	84	82	92	98	—	—	—
Scarborough	86	87	75	81	87	—	—	—
Simcoe	77	93	86	94	88	—	—	—
Sioux Lookout	100	68	19	100	100	—	—	—
Smiths Falls	79	79	98	68	71	—	—	—
St. Catharine	85	83	87	95	87	—	—	—
St. Mary's	100	91	17	0	83	—	—	—
St. Thomas	60	78	83	87	87	—	—	—
Stouffville	87	66	77	86	88	—	—	—
Stratford	96	79	100	99	98	—	—	—
Strathroy	80	77	85	85	93	—	—	—
Sturgeon	—	—	—	—	100	—	—	—
Sudbury	88	87	92	100	98	—	—	—
Thornhill	84	88	74	92	83	—	—	—
Thunder Bay	79	82	67	71	86	—	—	—
Tillsonburg	67	93	78	79	72	—	—	—
Timmins	100	89	80	87	87	—	—	—
Toronto	78	77	70	83	82	—	—	—
Trenton	91	68	55	93	90	—	—	—
Uxbridge	94	55	96	89	96	—	—	—
Val Caron	50	83	83	100	100	—	—	—
Wallaceburg	90	71	96	93	100	—	—	—
Wasaga Beach	—	—	—	—	—	—	—	—
Welland	90	89	84	86	96	—	—	—
Weston	73	84	68	82	88	—	—	—
Whitby	94	95	86	82	90	—	—	—
Willowdale	92	83	69	91	88	—	—	—
Windsor	80	86	78	84	88	—	—	—
Woodbridge	77	91	82	92	79	—	—	—
Woodstock	69	83	75	90	91	—	—	—
Rural	86	87	80	87	89	—	—	—
Other	82	82	73	87	87	—	—	—

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 Pulmonary Embolism or Deep Vein Thrombosis: Score by Municipality								
Municipality	**1997-1998**	**1998-1999**	**1999-2000**	**2000-2001**	**2001-2002**	**2002-2003**	**2003-2004**	**2004-2005**
Acton	100	100	100	100	100	100	100	100
Ajax	100	100	87	97	100	98	95	80
Alliston	100	38	100	65	100	100	100	100
Amherstburg	100	57	100	100	100	100	90	100
Arnprior	100	100	100	100	100	100	100	57
Aurora	100	100	100	100	100	100	100	86
Aylmer West	100	0	100	100	100	100	76	57
Barrie	88	80	100	95	100	90	100	83
Belleville	100	97	99	95	100	100	100	100
Bolton	100	100	100	100	99	100	100	67
Bowmanville	100	100	100	100	90	100	100	100
Bracebridge	53	100	100	100	79	100	100	67
Bradford	100	100	100	100	100	100	100	100
Brampton	97	91	90	95	90	96	94	98
Brantford	97	90	97	96	100	92	100	96
Brockville	100	86	100	98	100	90	100	54
Burlington	89	100	95	100	89	98	100	95
Caledon	—	95	98	99	87	100	100	100
Caledonia	100	100	100	61	100	100	100	100
Cambridge	99	100	94	100	90	100	95	100
Carleton Place	100	100	55	100	100	100	100	59
Chatham	98	100	100	100	100	100	100	98
Cobourg	100	100	76	85	100	98	93	92
Collingwood	100	100	100	100	100	94	100	100
Concord	100	100	100	100	0	100	100	100
Cornwall	98	86	100	100	100	98	100	100
Cumberland	100	100	98	98	100	100	100	100
Delhi	100	100	100	100	100	79	100	42
Downsview	85	90	94	100	94	86	91	85
Dryden	100	100	100	100	100	100	100	100
Dunnville	100	44	100	100	100	85	100	100
East Gwillimbury	100	98	33	100	100	68	62	100
Elliot Lake	100	100	100	100	100	91	93	100
Elmira	100	100	100	100	100	0	100	100
Espanola	100	100	100	100	99	100	100	100
Essex	100	100	100	100	100	68	100	100
Etobicoke	93	100	91	92	92	98	98	93
Fergus	100	98	100	100	100	100	100	72
Fort Erie	100	100	100	100	78	78	100	100
Fort Frances	21	100	97	100	95	71	100	100
Gananoque	100	100	100	80	100	100	100	100
Garson	96	96	100	100	100	100	100	100
Georgetown	100	100	83	90	100	100	100	100
Goderich	100	100	42	74	100	80	100	54
Gravenhurst	100	100	100	100	100	81	100	64
Greely	100	100	100	100	96	100	100	100
Grimsby	100	70	100	92	100	92	93	100
Guelph	98	54	95	98	92	100	100	90
Hamilton	89	92	89	98	97	96	93	93
Hanmer	94	92	96	100	100	100	74	35
Hanover	100	100	100	100	100	100	100	100
Hawkesbury	100	100	100	100	100	100	100	100
Huntsville	49	100	58	100	100	100	100	100
Ingersoll	100	100	100	100	100	100	100	100
Innisfil	—	—	—	0	100	100	100	100
Kapuskasing	100	100	100	100	100	78	100	100
Kenora	100	100	100	100	100	100	100	100
Keswick	100	46	100	73	79	100	100	100
Kincardine	100	100	58	100	100	100	100	78
King City	93	100	100	100	100	72	100	100
Kingston	95	100	95	100	100	99	92	100
Kingsville	100	100	100	100	100	100	100	19
Kirkland Lake	100	100	100	75	100	100	100	59
Kitchener	91	72	100	100	100	92	100	100
Leamington	96	100	86	94	85	83	91	79
Lindsay	100	91	95	100	94	100	98	97
Listowel	100	100	100	100	69	100	83	100
Lively	0	99	96	100	100	100	100	100
London	82	90	84	96	100	94	100	85
Manotick	100	100	0	100	100	100	100	100
Maple	94	100	58	87	66	90	89	100
Markham	85	99	88	95	97	95	97	78
Meaford	100	100	100	100	100	100	100	100

Postoperative Pulmonary Embolism or Deep Vein Thrombosis: Score by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Midland	100	100	69	100	100	100	100	100
Milton	100	100	92	83	85	100	100	100
Mississauga	98	95	100	100	90	100	98	97
Napanee	69	100	100	92	100	100	87	100
Navan	100	98	100	100	100	100	100	100
New Hamburg	—	—	—	—	—	46	100	100
Newmarket	100	100	100	100	84	98	97	100
Niagara Falls	76	74	97	98	100	96	98	89
North Bay	97	100	99	100	91	100	100	100
North York	81	85	91	96	84	95	87	87
Oakville	99	87	82	94	100	99	99	100
Orangeville	78	100	100	100	86	96	100	100
Orillia	100	69	100	97	94	100	82	79
Oshawa	100	100	100	98	99	97	100	100
Ottawa	93	93	93	98	91	100	99	97
Owen Sound	100	100	100	100	100	92	100	100
Paris	47	100	100	100	100	100	100	100
Parry Sound	100	100	100	100	100	100	100	100
Pembroke	100	50	100	93	89	100	100	69
Penetanguishene	51	100	100	83	100	100	84	57
Perth	100	100	98	100	100	100	100	100
Petawawa	95	100	28	100	100	100	100	0
Peterborough	100	80	100	100	97	100	99	100
Pickering	100	83	100	97	88	92	92	100
Port Colborne	100	26	100	100	88	100	94	100
Port Hope	62	100	100	100	100	88	100	100
Port Perry	100	100	99	59	100	90	100	100
Port Stanley	100	100	100	100	100	100	100	100
Renfrew	100	100	100	100	100	91	100	100
Richmond Hill	95	80	100	99	100	100	100	100
Rockland	100	97	100	100	100	100	100	40
Russell	100	100	100	96	100	97	100	100
Sarnia	92	100	94	97	88	100	100	100
Sault Ste. Marie	100	95	100	97	92	100	100	99
Scarborough	93	82	93	96	86	100	96	96
Simcoe	100	100	100	93	100	100	93	82
Sioux Lookout	100	100	98	98	100	100	100	100
Smiths Falls	76	100	70	100	100	89	100	100
St. Catharine	91	100	100	100	91	100	98	100
St. Mary's	100	100	100	82	100	100	100	100
St. Thomas	75	87	90	100	72	100	94	76
Stouffville	59	100	57	100	100	100	100	100
Stratford	83	87	90	100	89	96	98	100
Strathroy	68	71	73	100	100	100	100	77
Sturgeon	—	—	—	—	100	81	100	59
Sudbury	100	100	100	100	100	100	99	100
Thornhill	100	100	100	100	95	100	100	91
Thunder Bay	100	79	81	98	100	95	99	99
Tillsonburg	100	77	100	100	90	100	100	53
Timmins	72	100	100	100	85	97	100	100
Toronto	95	100	91	97	95	95	94	92
Trenton	79	77	100	94	100	84	92	64
Uxbridge	100	100	100	84	100	100	100	100
Val Caron	97	88	100	99	97	100	0	100
Wallaceburg	75	100	100	89	100	100	89	100
Wasaga Beach	—	—	—	—	—	—	—	100
Welland	100	77	100	100	96	94	90	100
Weston	100	100	90	100	100	97	100	100
Whitby	94	76	96	99	99	100	100	100
Willowdale	94	100	100	96	93	100	99	100
Windsor	83	76	84	98	87	96	93	95
Woodbridge	100	100	100	96	100	100	100	86
Woodstock	100	100	64	100	76	94	98	97
Rural	96	97	97	98	96	100	100	99
Other	72	81	100	100	94	98	98	96

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 Wound Dehiscence: Score by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Acton	100	100	100	100	40	—	—	—
Ajax	91	100	100	94	100	—	—	—
Alliston	68	58	100	100	100	—	—	—
Amherstburg	85	73	74	71	100	—	—	—
Arnprior	100	100	77	100	100	—	—	—
Aurora	100	80	90	42	78	—	—	—
Aylmer West	42	64	100	100	100	—	—	—
Barrie	100	97	91	98	100	—	—	—
Belleville	89	92	100	100	88	—	—	—
Bolton	100	100	100	100	63	—	—	—
Bowmanville	87	88	99	88	63	—	—	—
Bracebridge	100	100	100	100	100	—	—	—
Bradford	100	100	100	100	8	—	—	—
Brampton	98	100	99	99	98	—	—	—
Brantford	94	83	94	100	100	—	—	—
Brockville	55	50	100	69	100	—	—	—
Burlington	94	99	93	100	89	—	—	—
Caledon	100	100	99	99	100	—	—	—
Caledonia	100	100	100	38	100	—	—	—
Cambridge	99	88	97	100	100	—	—	—
Carleton Place	100	57	100	100	100	—	—	—
Chatham	81	57	88	97	93	—	—	—
Cobourg	100	25	100	100	71	—	—	—
Collingwood	82	100	89	100	100	—	—	—
Concord	100	100	100	100	19	—	—	—
Cornwall	91	17	83	80	74	—	—	—
Cumberland	100	100	100	100	100	—	—	—
Delhi	100	100	100	100	30	—	—	—
Downsview	95	92	98	98	81	—	—	—
Dryden	100	100	100	100	100	—	—	—
Dunnville	100	63	100	100	100	—	—	—
East Gwillimbury	100	100	60	100	100	—	—	—
Elliot Lake	100	64	100	72	66	—	—	—
Elmira	100	100	100	100	100	—	—	—
Espanola	100	100	100	100	100	—	—	—
Essex	100	100	73	100	100	—	—	—
Etobicoke	100	88	88	94	96	—	—	—
Fergus	100	100	100	100	100	—	—	—
Fort Erie	83	100	88	78	53	—	—	—
Fort Frances	100	54	100	100	100	—	—	—
Gananoque	100	44	100	100	38	—	—	—
Garson	100	100	100	100	100	—	—	—
Georgetown	92	87	92	100	77	—	—	—
Goderich	86	100	100	100	100	—	—	—
Gravenhurst	100	100	100	100	65	—	—	—
Greely	100	100	100	100	100	—	—	—
Grimsby	85	100	100	100	73	—	—	—
Guelph	95	93	100	82	92	—	—	—
Hamilton	96	85	99	84	95	—	—	—
Hanmer	100	100	100	100	36	—	—	—
Hanover	78	64	100	100	100	—	—	—
Hawkesbury	74	100	100	55	100	—	—	—
Huntsville	100	100	100	100	100	—	—	—
Ingersoll	100	100	100	100	100	—	—	—
Innisfil	—	—	—	17	100	—	—	—
Kapuskasing	85	100	87	59	100	—	—	—
Kenora	100	100	100	100	100	—	—	—
Keswick	100	37	100	100	56	—	—	—
Kincardine	100	100	78	100	100	—	—	—
King City	39	100	100	100	100	—	—	—
Kingston	100	60	100	95	100	—	—	—
Kingsville	100	100	81	100	100	—	—	—
Kirkland Lake	100	0	100	100	47	—	—	—
Kitchener	100	90	92	100	90	—	—	—
Leamington	91	100	91	100	82	—	—	—
Lindsay	96	92	88	100	100	—	—	—
Listowel	100	100	70	100	100	—	—	—
Lively	100	100	100	100	100	—	—	—
London	93	89	95	91	93	—	—	—
Manotick	100	100	47	100	100	—	—	—
Maple	100	100	100	100	100	—	—	—
Markham	98	90	91	97	68	—	—	—
Meaford	100	100	100	100	100	—	—	—

Postoperative Wound Dehiscence: Score by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Midland	100	100	100	100	100	—	—	—
Milton	86	100	90	82	100	—	—	—
Mississauga	91	90	97	96	91	—	—	—
Napanee	100	100	100	73	59	—	—	—
Navan	100	100	100	100	100	—	—	—
New Hamburg	—	—	—	—	—	—	—	—
Newmarket	87	79	100	94	73	—	—	—
Niagara Falls	91	85	96	98	100	—	—	—
North Bay	100	88	93	86	68	—	—	—
North York	88	100	99	81	97	—	—	—
Oakville	97	96	100	100	81	—	—	—
Orangeville	78	100	86	87	86	—	—	—
Orillia	88	81	100	96	60	—	—	—
Oshawa	97	85	94	83	92	—	—	—
Ottawa	96	96	100	99	90	—	—	—
Owen Sound	100	100	95	75	100	—	—	—
Paris	100	61	100	100	100	—	—	—
Parry Sound	100	76	89	100	100	—	—	—
Pembroke	77	84	100	100	72	—	—	—
Penetanguishene	100	100	100	100	100	—	—	—
Perth	84	67	100	100	100	—	—	—
Petawawa	100	100	61	100	100	—	—	—
Peterborough	72	81	87	100	81	—	—	—
Pickering	90	85	97	95	59	—	—	—
Port Colborne	100	83	100	84	100	—	—	—
Port Hope	80	100	100	0	100	—	—	—
Port Perry	75	100	67	100	100	—	—	—
Port Stanley	0	100	11	100	100	—	—	—
Renfrew	59	59	100	54	100	—	—	—
Richmond Hill	100	98	98	100	100	—	—	—
Rockland	61	36	100	100	100	—	—	—
Russell	100	100	0	99	99	—	—	—
Sarnia	87	90	92	82	75	—	—	—
Sault Ste. Marie	91	100	83	88	100	—	—	—
Scarborough	97	96	92	94	84	—	—	—
Simcoe	100	100	100	100	100	—	—	—
Sioux Lookout	100	100	100	100	100	—	—	—
Smiths Falls	88	80	86	100	100	—	—	—
St. Catharine	98	98	95	100	91	—	—	—
St. Mary's	100	100	100	100	100	—	—	—
St. Thomas	100	76	97	100	100	—	—	—
Stouffville	100	100	100	100	56	—	—	—
Stratford	93	100	83	100	100	—	—	—
Strathroy	100	100	100	100	59	—	—	—
Sturgeon	—	—	—	—	100	—	—	—
Sudbury	100	89	96	100	72	—	—	—
Thornhill	94	97	100	100	98	—	—	—
Thunder Bay	96	87	92	82	89	—	—	—
Tillsonburg	89	81	90	85	100	—	—	—
Timmins	90	91	96	68	90	—	—	—
Toronto	97	93	96	83	87	—	—	—
Trenton	92	81	91	82	100	—	—	—
Uxbridge	100	100	100	100	45	—	—	—
Val Caron	100	100	100	100	100	—	—	—
Wallaceburg	100	100	66	100	0	—	—	—
Wasaga Beach	—	—	—	—	—	—	—	—
Welland	89	87	100	57	79	—	—	—
Weston	97	97	100	100	100	—	—	—
Whitby	100	75	97	87	74	—	—	—
Willowdale	97	96	100	91	90	—	—	—
Windsor	100	96	89	97	96	—	—	—
Woodbridge	100	100	100	95	64	—	—	—
Woodstock	89	82	91	85	100	—	—	—
Rural	95	95	96	91	86	—	—	—
Other	97	91	97	86	80	—	—	—

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)

Birth Trauma, Injury to Neonate: Score by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Acton	100	100	100	100	94	85	92	100
Ajax	98	98	99	98	97	84	87	93
Alliston	100	100	98	97	100	77	61	58
Amherstburg	98	97	100	95	98	92	97	77
Arnprior	97	100	96	100	100	100	81	68
Aurora	99	99	97	96	100	92	88	97
Aylmer West	98	98	98	100	98	90	94	100
Barrie	99	97	99	99	97	90	96	96
Belleville	97	100	98	100	100	93	83	87
Bolton	98	99	99	96	98	91	84	94
Bowmanville	99	100	100	97	96	91	91	92
Bracebridge	100	100	100	100	100	100	91	89
Bradford	95	96	99	97	97	92	95	97
Brampton	99	99	98	99	98	93	95	94
Brantford	100	99	99	99	99	87	89	94
Brockville	99	100	99	99	100	80	96	90
Burlington	97	99	92	96	96	76	88	93
Caledon	100	100	100	100	100	100	100	100
Caledonia	80	84	94	82	83	54	66	74
Cambridge	94	92	94	97	96	86	94	91
Carleton Place	98	98	100	100	98	76	84	79
Chatham	99	99	97	99	96	95	93	90
Cobourg	95	98	98	100	100	96	97	92
Collingwood	100	98	98	98	100	96	100	100
Concord	97	97	96	93	98	93	95	94
Cornwall	99	98	97	98	99	83	79	80
Cumberland	100	100	100	100	100	79	100	100
Delhi	96	100	95	100	100	90	100	92
Downsview	99	99	98	98	97	86	92	91
Dryden	96	100	100	100	100	100	81	63
Dunnville	95	97	85	85	91	67	80	100
East Gwillimbury	100	100	96	96	96	100	92	100
Elliot Lake	100	100	100	100	94	100	100	100
Elmira	97	100	100	100	100	100	80	94
Espanola	100	100	100	100	100	100	84	100
Essex	97	97	96	97	96	83	95	94
Etobicoke	98	99	99	99	98	89	94	93
Fergus	96	93	93	100	98	48	76	25
Fort Erie	51	39	39	68	65	63	91	95
Fort Frances	95	97	95	94	97	73	84	70
Gananoque	100	100	93	100	94	89	100	100
Garson	100	91	100	100	100	90	100	100
Georgetown	98	97	96	96	97	86	89	83
Goderich	100	97	100	97	96	92	87	75
Gravenhurst	95	100	100	96	100	65	86	100
Greely	85	100	95	100	100	100	86	82
Grimsby	95	93	96	95	92	61	84	94
Guelph	99	97	99	96	98	71	86	85
Hamilton	80	86	89	89	87	47	65	88
Hanmer	100	96	100	100	100	90	92	100
Hanover	100	100	100	100	95	100	100	90
Hawkesbury	100	100	97	97	100	86	100	79
Huntsville	100	100	100	97	100	100	95	94
Ingersoll	98	100	100	100	97	94	96	95
Innisfil	—	—	—	100	98	93	91	91
Kapuskasing	100	100	100	100	100	100	100	100
Kenora	98	97	100	100	100	76	74	100
Keswick	98	96	96	98	95	81	87	95
Kincardine	100	100	100	100	100	100	100	91
King City	100	100	100	100	95	77	100	87
Kingston	99	100	99	99	98	86	89	93
Kingsville	100	97	100	100	100	95	80	95
Kirkland Lake	100	100	100	100	100	100	100	100
Kitchener	95	94	98	99	99	86	94	95
Leamington	99	99	99	99	100	100	85	100
Lindsay	91	80	74	65	74	60	0	34
Listowel	100	100	100	94	100	100	81	89
Lively	100	100	100	100	100	100	100	100
London	99	98	95	98	97	85	93	96
Manotick	100	100	100	100	100	100	43	100
Maple	100	96	95	97	97	90	95	95
Markham	98	99	99	98	99	90	92	95
Meaford	100	100	100	93	100	100	73	100

Birth Trauma, Injury to Neonate: Score by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Midland	100	100	100	98	100	100	100	100
Milton	100	99	100	97	100	94	96	98
Mississauga	99	99	99	99	99	89	92	94
Napanee	100	100	97	98	97	100	91	100
Navan	100	92	100	100	100	100	89	100
New Hamburg	—	—	—	—	—	100	89	94
Newmarket	98	99	98	98	99	90	95	96
Niagara Falls	97	97	96	96	99	91	95	93
North Bay	100	99	99	100	100	88	92	100
North York	99	99	97	97	97	76	94	87
Oakville	98	97	98	98	97	94	97	96
Orangeville	98	100	98	96	98	89	96	85
Orillia	98	100	100	98	97	86	86	85
Oshawa	99	100	99	100	99	94	90	95
Ottawa	98	98	99	99	99	88	92	84
Owen Sound	100	100	100	100	99	100	100	100
Paris	100	97	100	97	100	82	90	83
Parry Sound	100	100	100	100	100	92	96	88
Pembroke	100	98	97	100	100	79	95	97
Penetanguishene	100	95	100	97	97	92	95	100
Perth	97	97	97	100	100	93	100	92
Petawawa	100	98	100	100	100	92	93	90
Peterborough	99	100	99	100	99	71	89	91
Pickering	98	98	99	99	99	77	89	94
Port Colborne	5	3	0	0	0	1	91	100
Port Hope	100	100	97	100	100	95	85	84
Port Perry	77	82	67	64	87	64	56	0
Port Stanley	100	100	100	100	78	100	100	100
Renfrew	100	97	100	97	100	93	94	71
Richmond Hill	99	97	99	98	99	96	96	95
Rockland	94	100	100	100	96	100	100	95
Russell	100	95	100	100	100	87	100	89
Sarnia	100	100	98	100	99	99	96	98
Sault Ste. Marie	100	98	96	99	99	97	94	96
Scarborough	97	98	96	96	96	76	81	88
Simcoe	98	98	98	100	100	96	100	100
Sioux Lookout	100	100	100	100	95	88	100	100
Smiths Falls	100	100	100	100	100	100	93	95
St. Catharine	96	97	95	96	96	88	93	90
St. Mary's	100	100	94	96	100	100	84	92
St. Thomas	99	99	98	99	98	90	95	98
Stouffville	97	100	100	98	96	92	92	95
Stratford	97	100	99	99	99	93	95	96
Strathroy	100	98	98	95	100	87	97	89
Sturgeon	—	—	—	—	100	82	100	100
Sudbury	99	98	99	100	100	97	97	98
Thornhill	99	98	96	99	100	91	97	98
Thunder Bay	94	92	91	95	93	78	79	76
Tillsonburg	98	100	96	98	96	92	94	100
Timmins	99	99	96	98	100	93	98	46
Toronto	98	98	98	98	99	90	92	91
Trenton	98	100	100	100	100	94	79	90
Uxbridge	98	95	98	98	100	76	79	87
Val Caron	100	96	100	100	100	78	100	100
Wallaceburg	98	98	95	100	100	96	100	96
Wasaga Beach	—	—	—	—	—	—	—	100
Welland	0	0	2	21	2	0	89	93
Weston	98	98	98	99	98	88	95	94
Whitby	99	99	99	99	98	87	93	92
Willowdale	99	99	99	99	99	96	94	95
Windsor	99	99	98	98	98	84	94	93
Woodbridge	98	99	98	98	99	89	90	97
Woodstock	98	100	96	99	98	85	93	98
Rural	97	97	97	97	97	84	89	88
Other	94	95	96	96	98	89	92	96

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)

Obstetric Trauma, Vaginal with Instrument: Score by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Acton	—	—	—	—	—	100	100	100
Ajax	—	—	—	—	—	72	73	86
Alliston	—	—	—	—	—	59	100	31
Amherstburg	—	—	—	—	—	89	88	92
Arnprior	—	—	—	—	—	38	65	55
Aurora	—	—	—	—	—	74	85	75
Aylmer West	—	—	—	—	—	33	72	75
Barrie	—	—	—	—	—	91	79	74
Belleville	—	—	—	—	—	83	84	88
Bolton	—	—	—	—	—	73	81	73
Bowmanville	—	—	—	—	—	89	85	67
Bracebridge	—	—	—	—	—	—	100	0
Bradford	—	—	—	—	—	45	55	60
Brampton	—	—	—	—	—	91	87	82
Brantford	—	—	—	—	—	65	71	78
Brockville	—	—	—	—	—	75	87	79
Burlington	—	—	—	—	—	86	85	87
Caledon	—	—	—	—	—	—	100	—
Caledonia	—	—	—	—	—	45	85	87
Cambridge	—	—	—	—	—	92	78	76
Carleton Place	—	—	—	—	—	40	51	100
Chatham	—	—	—	—	—	48	88	92
Cobourg	—	—	—	—	—	72	86	88
Collingwood	—	—	—	—	—	87	100	23
Concord	—	—	—	—	—	86	95	87
Cornwall	—	—	—	—	—	96	100	100
Cumberland	—	—	—	—	—	—	—	—
Delhi	—	—	—	—	—	66	100	23
Downsview	—	—	—	—	—	92	83	81
Dryden	—	—	—	—	—	—	58	89
Dunnville	—	—	—	—	—	100	99	42
East Gwillimbury	—	—	—	—	—	58	56	100
Elliot Lake	—	—	—	—	—	—	—	—
Elmira	—	—	—	—	—	—	100	69
Espanola	—	—	—	—	—	—	100	—
Essex	—	—	—	—	—	49	92	74
Etobicoke	—	—	—	—	—	78	74	69
Fergus	—	—	—	—	—	100	100	85
Fort Erie	—	—	—	—	—	100	35	78
Fort Frances	—	—	—	—	—	74	88	82
Gananoque	—	—	—	—	—	71	61	61
Garson	—	—	—	—	—	—	100	—
Georgetown	—	—	—	—	—	83	98	80
Goderich	—	—	—	—	—	22	76	—
Gravenhurst	—	—	—	—	—	71	—	—
Greely	—	—	—	—	—	42	69	75
Grimsby	—	—	—	—	—	55	72	53
Guelph	—	—	—	—	—	74	82	56
Hamilton	—	—	—	—	—	73	76	66
Hanmer	—	—	—	—	—	99	77	100
Hanover	—	—	—	—	—	—	50	—
Hawkesbury	—	—	—	—	—	100	100	35
Huntsville	—	—	—	—	—	80	100	61
Ingersoll	—	—	—	—	—	85	83	66
Innisfil	—	—	—	—	—	100	90	60
Kapuskasing	—	—	—	—	—	0	74	—
Kenora	—	—	—	—	—	86	51	83
Keswick	—	—	—	—	—	57	77	65
Kincardine	—	—	—	—	—	—	84	71
King City	—	—	—	—	—	67	96	100
Kingston	—	—	—	—	—	79	75	71
Kingsville	—	—	—	—	—	77	55	87
Kirkland Lake	—	—	—	—	—	99	35	—
Kitchener	—	—	—	—	—	81	78	75
Leamington	—	—	—	—	—	77	76	91
Lindsay	—	—	—	—	—	—	100	99
Listowel	—	—	—	—	—	79	35	32
Lively	—	—	—	—	—	—	100	—
London	—	—	—	—	—	60	67	75
Manotick	—	—	—	—	—	—	76	62
Maple	—	—	—	—	—	85	90	84
Markham	—	—	—	—	—	76	77	73
Meaford	—	—	—	—	—	—	0	—

Obstetric Trauma, Vaginal with Instrument: Score by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Midland	—	—	—	—	—	100	100	86
Milton	—	—	—	—	—	76	67	82
Mississauga	—	—	—	—	—	83	82	74
Napanee	—	—	—	—	—	87	84	—
Navan	—	—	—	—	—	30	34	—
New Hamburg	—	—	—	—	—	—	—	66
Newmarket	—	—	—	—	—	61	77	80
Niagara Falls	—	—	—	—	—	87	83	85
North Bay	—	—	—	—	—	89	96	100
North York	—	—	—	—	—	77	79	73
Oakville	—	—	—	—	—	65	70	65
Orangeville	—	—	—	—	—	91	83	88
Orillia	—	—	—	—	—	76	62	93
Oshawa	—	—	—	—	—	82	79	75
Ottawa	—	—	—	—	—	76	72	69
Owen Sound	—	—	—	—	—	75	55	72
Paris	—	—	—	—	—	29	67	100
Parry Sound	—	—	—	—	—	99	40	—
Pembroke	—	—	—	—	—	82	80	90
Penetanguishene	—	—	—	—	—	87	100	76
Perth	—	—	—	—	—	—	54	81
Petawawa	—	—	—	—	—	83	100	100
Peterborough	—	—	—	—	—	83	84	77
Pickering	—	—	—	—	—	73	80	89
Port Colborne	—	—	—	—	—	85	83	100
Port Hope	—	—	—	—	—	62	63	74
Port Perry	—	—	—	—	—	63	78	100
Port Stanley	—	—	—	—	—	—	—	—
Renfrew	—	—	—	—	—	80	33	99
Richmond Hill	—	—	—	—	—	91	81	87
Rockland	—	—	—	—	—	22	77	74
Russell	—	—	—	—	—	64	100	—
Sarnia	—	—	—	—	—	87	61	66
Sault Ste. Marie	—	—	—	—	—	85	56	35
Scarborough	—	—	—	—	—	75	81	75
Simcoe	—	—	—	—	—	100	100	42
Sioux Lookout	—	—	—	—	—	55	34	—
Smiths Falls	—	—	—	—	—	99	57	89
St. Catharine	—	—	—	—	—	81	92	87
St. Mary's	—	—	—	—	—	—	100	—
St. Thomas	—	—	—	—	—	57	45	43
Stouffville	—	—	—	—	—	90	100	64
Stratford	—	—	—	—	—	100	100	100
Strathroy	—	—	—	—	—	49	40	74
Sturgeon	—	—	—	—	—	71	100	100
Sudbury	—	—	—	—	—	76	89	78
Thornhill	—	—	—	—	—	89	88	81
Thunder Bay	—	—	—	—	—	61	68	42
Tillsonburg	—	—	—	—	—	45	87	68
Timmins	—	—	—	—	—	61	90	74
Toronto	—	—	—	—	—	78	79	70
Trenton	—	—	—	—	—	100	83	78
Uxbridge	—	—	—	—	—	80	100	84
Val Caron	—	—	—	—	—	—	—	—
Wallaceburg	—	—	—	—	—	63	35	100
Wasaga Beach	—	—	—	—	—	—	—	—
Welland	—	—	—	—	—	96	87	81
Weston	—	—	—	—	—	85	79	86
Whitby	—	—	—	—	—	82	83	86
Willowdale	—	—	—	—	—	85	87	75
Windsor	—	—	—	—	—	84	85	79
Woodbridge	—	—	—	—	—	86	84	88
Woodstock	—	—	—	—	—	38	86	56
Rural	—	—	—	—	—	75	79	78
Other	—	—	—	—	—	72	79	74

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Obstetric Trauma, Vaginal without Instrument: Score by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Acton	—	—	—	—	—	97	68	98
Ajax	—	—	—	—	—	72	83	85
Alliston	—	—	—	—	—	36	74	42
Amherstburg	—	—	—	—	—	61	86	88
Arnprior	—	—	—	—	—	98	98	98
Aurora	—	—	—	—	—	52	76	84
Aylmer West	—	—	—	—	—	53	68	91
Barrie	—	—	—	—	—	81	89	91
Belleville	—	—	—	—	—	64	80	93
Bolton	—	—	—	—	—	66	88	84
Bowmanville	—	—	—	—	—	64	86	83
Bracebridge	—	—	—	—	—	74	80	55
Bradford	—	—	—	—	—	30	75	85
Brampton	—	—	—	—	—	83	83	83
Brantford	—	—	—	—	—	63	64	71
Brockville	—	—	—	—	—	39	79	89
Burlington	—	—	—	—	—	78	79	75
Caledon	—	—	—	—	—	90	96	93
Caledonia	—	—	—	—	—	30	52	41
Cambridge	—	—	—	—	—	83	87	77
Carleton Place	—	—	—	—	—	45	84	98
Chatham	—	—	—	—	—	68	78	84
Cobourg	—	—	—	—	—	91	77	83
Collingwood	—	—	—	—	—	98	72	63
Concord	—	—	—	—	—	80	78	90
Cornwall	—	—	—	—	—	84	88	98
Cumberland	—	—	—	—	—	95	97	56
Delhi	—	—	—	—	—	73	100	85
Downsview	—	—	—	—	—	83	91	87
Dryden	—	—	—	—	—	80	85	82
Dunnville	—	—	—	—	—	20	71	65
East Gwillimbury	—	—	—	—	—	76	82	79
Elliot Lake	—	—	—	—	—	44	73	100
Elmira	—	—	—	—	—	85	77	41
Espanola	—	—	—	—	—	100	99	99
Essex	—	—	—	—	—	98	62	61
Etobicoke	—	—	—	—	—	75	79	83
Fergus	—	—	—	—	—	63	64	75
Fort Erie	—	—	—	—	—	100	83	98
Fort Frances	—	—	—	—	—	57	39	100
Gananoque	—	—	—	—	—	97	66	57
Garson	—	—	—	—	—	99	100	79
Georgetown	—	—	—	—	—	87	90	82
Goderich	—	—	—	—	—	80	88	100
Gravenhurst	—	—	—	—	—	32	78	57
Greely	—	—	—	—	—	71	69	94
Grimsby	—	—	—	—	—	22	74	66
Guelph	—	—	—	—	—	66	76	79
Hamilton	—	—	—	—	—	60	80	77
Hanmer	—	—	—	—	—	87	100	100
Hanover	—	—	—	—	—	100	75	6
Hawkesbury	—	—	—	—	—	89	69	100
Huntsville	—	—	—	—	—	49	77	90
Ingersoll	—	—	—	—	—	73	93	99
Innisfil	—	—	—	—	—	97	72	85
Kapuskasing	—	—	—	—	—	75	100	75
Kenora	—	—	—	—	—	87	66	100
Keswick	—	—	—	—	—	62	86	99
Kincardine	—	—	—	—	—	35	0	99
King City	—	—	—	—	—	70	78	93
Kingston	—	—	—	—	—	72	83	89
Kingsville	—	—	—	—	—	31	42	40
Kirkland Lake	—	—	—	—	—	61	72	17
Kitchener	—	—	—	—	—	67	80	82
Leamington	—	—	—	—	—	0	33	36
Lindsay	—	—	—	—	—	60	72	38
Listowel	—	—	—	—	—	86	78	100
Lively	—	—	—	—	—	36	96	48
London	—	—	—	—	—	53	73	76
Manotick	—	—	—	—	—	93	95	77
Maple	—	—	—	—	—	84	90	76
Markham	—	—	—	—	—	60	75	76
Meaford	—	—	—	—	—	76	49	60

Obstetric Trauma, Vaginal without Instrument: Score by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Midland	—	—	—	—	—	36	83	47
Milton	—	—	—	—	—	77	65	80
Mississauga	—	—	—	—	—	79	84	79
Napanee	—	—	—	—	—	58	28	23
Navan	—	—	—	—	—	96	98	36
New Hamburg	—	—	—	—	—	33	99	85
Newmarket	—	—	—	—	—	26	79	76
Niagara Falls	—	—	—	—	—	91	78	90
North Bay	—	—	—	—	—	93	94	82
North York	—	—	—	—	—	64	77	71
Oakville	—	—	—	—	—	72	75	78
Orangeville	—	—	—	—	—	65	78	89
Orillia	—	—	—	—	—	74	76	85
Oshawa	—	—	—	—	—	71	85	86
Ottawa	—	—	—	—	—	63	69	71
Owen Sound	—	—	—	—	—	55	47	54
Paris	—	—	—	—	—	43	33	79
Parry Sound	—	—	—	—	—	80	87	36
Pembroke	—	—	—	—	—	81	76	81
Penetanguishene	—	—	—	—	—	26	86	0
Perth	—	—	—	—	—	100	88	79
Petawawa	—	—	—	—	—	98	81	74
Peterborough	—	—	—	—	—	49	73	75
Pickering	—	—	—	—	—	74	81	73
Port Colborne	—	—	—	—	—	46	78	88
Port Hope	—	—	—	—	—	72	86	84
Port Perry	—	—	—	—	—	62	74	70
Port Stanley	—	—	—	—	—	95	100	—
Renfrew	—	—	—	—	—	66	87	82
Richmond Hill	—	—	—	—	—	70	78	81
Rockland	—	—	—	—	—	57	78	80
Russell	—	—	—	—	—	70	74	74
Sarnia	—	—	—	—	—	59	72	67
Sault Ste. Marie	—	—	—	—	—	56	67	72
Scarborough	—	—	—	—	—	56	77	66
Simcoe	—	—	—	—	—	91	59	82
Sioux Lookout	—	—	—	—	—	69	79	76
Smiths Falls	—	—	—	—	—	79	41	79
St. Catharine	—	—	—	—	—	84	84	79
St. Mary's	—	—	—	—	—	97	70	84
St. Thomas	—	—	—	—	—	33	70	76
Stouffville	—	—	—	—	—	87	68	69
Stratford	—	—	—	—	—	51	77	78
Strathroy	—	—	—	—	—	63	92	81
Sturgeon	—	—	—	—	—	70	79	100
Sudbury	—	—	—	—	—	84	91	95
Thornhill	—	—	—	—	—	79	85	75
Thunder Bay	—	—	—	—	—	73	90	81
Tillsonburg	—	—	—	—	—	86	94	93
Timmins	—	—	—	—	—	86	62	70
Toronto	—	—	—	—	—	64	78	72
Trenton	—	—	—	—	—	83	83	68
Uxbridge	—	—	—	—	—	83	79	97
Val Caron	—	—	—	—	—	100	100	100
Wallaceburg	—	—	—	—	—	44	86	79
Wasaga Beach	—	—	—	—	—	—	—	40
Welland	—	—	—	—	—	70	75	75
Weston	—	—	—	—	—	80	83	74
Whitby	—	—	—	—	—	76	86	68
Willowdale	—	—	—	—	—	68	83	77
Windsor	—	—	—	—	—	70	78	77
Woodbridge	—	—	—	—	—	73	82	90
Woodstock	—	—	—	—	—	80	74	85
Rural	—	—	—	—	—	65	75	75
Other	—	—	—	—	—	78	81	79

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)

Obstetric Trauma, Cesarean Section: Score by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Acton	—	—	—	—	—	100	100	100
Ajax	—	—	—	—	—	95	100	95
Alliston	—	—	—	—	—	64	100	55
Amherstburg	—	—	—	—	—	100	100	100
Arnprior	—	—	—	—	—	46	100	100
Aurora	—	—	—	—	—	75	93	94
Aylmer West	—	—	—	—	—	100	100	30
Barrie	—	—	—	—	—	78	86	94
Belleville	—	—	—	—	—	100	93	94
Bolton	—	—	—	—	—	89	93	100
Bowmanville	—	—	—	—	—	94	100	100
Bracebridge	—	—	—	—	—	100	100	100
Bradford	—	—	—	—	—	100	100	100
Brampton	—	—	—	—	—	97	97	98
Brantford	—	—	—	—	—	93	81	93
Brockville	—	—	—	—	—	81	76	88
Burlington	—	—	—	—	—	81	96	92
Caledon	—	—	—	—	—	100	100	100
Caledonia	—	—	—	—	—	100	51	100
Cambridge	—	—	—	—	—	96	98	93
Carleton Place	—	—	—	—	—	100	100	81
Chatham	—	—	—	—	—	83	84	100
Cobourg	—	—	—	—	—	100	84	100
Collingwood	—	—	—	—	—	100	77	100
Concord	—	—	—	—	—	100	100	87
Cornwall	—	—	—	—	—	100	100	100
Cumberland	—	—	—	—	—	100	100	0
Delhi	—	—	—	—	—	100	100	100
Downsview	—	—	—	—	—	89	98	99
Dryden	—	—	—	—	—	100	100	100
Dunnville	—	—	—	—	—	100	100	100
East Gwillimbury	—	—	—	—	—	100	100	100
Elliot Lake	—	—	—	—	—	100	100	100
Elmira	—	—	—	—	—	100	100	100
Espanola	—	—	—	—	—	100	100	100
Essex	—	—	—	—	—	100	100	100
Etobicoke	—	—	—	—	—	91	98	99
Fergus	—	—	—	—	—	100	100	82
Fort Erie	—	—	—	—	—	100	100	100
Fort Frances	—	—	—	—	—	100	100	100
Gananoque	—	—	—	—	—	10	50	36
Garson	—	—	—	—	—	100	100	100
Georgetown	—	—	—	—	—	100	93	85
Goderich	—	—	—	—	—	100	100	47
Gravenhurst	—	—	—	—	—	100	100	100
Greely	—	—	—	—	—	100	50	100
Grimsby	—	—	—	—	—	78	57	87
Guelph	—	—	—	—	—	78	95	95
Hamilton	—	—	—	—	—	89	95	78
Hanmer	—	—	—	—	—	100	100	100
Hanover	—	—	—	—	—	53	24	50
Hawkesbury	—	—	—	—	—	35	100	52
Huntsville	—	—	—	—	—	100	59	82
Ingersoll	—	—	—	—	—	100	64	100
Innisfil	—	—	—	—	—	100	89	87
Kapuskasing	—	—	—	—	—	100	100	100
Kenora	—	—	—	—	—	100	100	100
Keswick	—	—	—	—	—	100	100	100
Kincardine	—	—	—	—	—	100	100	100
King City	—	—	—	—	—	100	0	100
Kingston	—	—	—	—	—	58	68	78
Kingsville	—	—	—	—	—	100	100	100
Kirkland Lake	—	—	—	—	—	99	100	100
Kitchener	—	—	—	—	—	100	98	99
Leamington	—	—	—	—	—	100	91	100
Lindsay	—	—	—	—	—	100	100	100
Listowel	—	—	—	—	—	45	75	70
Lively	—	—	—	—	—	100	100	100
London	—	—	—	—	—	78	85	93
Manotick	—	—	—	—	—	100	100	100
Maple	—	—	—	—	—	95	93	100
Markham	—	—	—	—	—	98	92	99
Meaford	—	—	—	—	—	100	100	100

Obstetric Trauma, Cesarean Section: Score by Municipality

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Midland	—	—	—	—	—	61	100	100
Milton	—	—	—	—	—	57	100	96
Mississauga	—	—	—	—	—	94	96	97
Napanee	—	—	—	—	—	100	74	59
Navan	—	—	—	—	—	100	100	100
New Hamburg	—	—	—	—	—	100	74	100
Newmarket	—	—	—	—	—	91	96	100
Niagara Falls	—	—	—	—	—	100	100	95
North Bay	—	—	—	—	—	100	93	100
North York	—	—	—	—	—	100	93	100
Oakville	—	—	—	—	—	98	97	97
Orangeville	—	—	—	—	—	89	100	100
Orillia	—	—	—	—	—	100	94	100
Oshawa	—	—	—	—	—	97	96	98
Ottawa	—	—	—	—	—	92	88	88
Owen Sound	—	—	—	—	—	70	45	78
Paris	—	—	—	—	—	100	100	100
Parry Sound	—	—	—	—	—	100	78	100
Pembroke	—	—	—	—	—	100	83	71
Penetanguishene	—	—	—	—	—	100	100	100
Perth	—	—	—	—	—	100	68	100
Petawawa	—	—	—	—	—	100	81	58
Peterborough	—	—	—	—	—	80	91	95
Pickering	—	—	—	—	—	95	90	100
Port Colborne	—	—	—	—	—	100	100	100
Port Hope	—	—	—	—	—	100	100	100
Port Perry	—	—	—	—	—	100	100	100
Port Stanley	—	—	—	—	—	—	—	100
Renfrew	—	—	—	—	—	100	100	100
Richmond Hill	—	—	—	—	—	89	99	97
Rockland	—	—	—	—	—	0	100	100
Russell	—	—	—	—	—	100	100	100
Sarnia	—	—	—	—	—	100	100	100
Sault Ste. Marie	—	—	—	—	—	90	95	100
Scarborough	—	—	—	—	—	94	97	98
Simcoe	—	—	—	—	—	100	100	100
Sioux Lookout	—	—	—	—	—	100	100	100
Smiths Falls	—	—	—	—	—	100	100	100
St. Catharine	—	—	—	—	—	100	98	95
St. Mary's	—	—	—	—	—	100	44	100
St. Thomas	—	—	—	—	—	100	100	100
Stouffville	—	—	—	—	—	100	100	78
Stratford	—	—	—	—	—	80	100	100
Strathroy	—	—	—	—	—	71	100	84
Sturgeon	—	—	—	—	—	99	100	100
Sudbury	—	—	—	—	—	100	100	100
Thornhill	—	—	—	—	—	88	98	94
Thunder Bay	—	—	—	—	—	82	92	100
Tillsonburg	—	—	—	—	—	53	100	100
Timmins	—	—	—	—	—	100	100	100
Toronto	—	—	—	—	—	93	95	96
Trenton	—	—	—	—	—	100	78	100
Uxbridge	—	—	—	—	—	59	76	100
Val Caron	—	—	—	—	—	100	100	100
Wallaceburg	—	—	—	—	—	100	100	100
Wasaga Beach	—	—	—	—	—	—	—	100
Welland	—	—	—	—	—	91	100	95
Weston	—	—	—	—	—	100	98	96
Whitby	—	—	—	—	—	87	91	92
Willowdale	—	—	—	—	—	99	95	93
Windsor	—	—	—	—	—	100	95	97
Woodbridge	—	—	—	—	—	82	100	98
Woodstock	—	—	—	—	—	100	100	73
Rural	—	—	—	—	—	89	94	94
Other	—	—	—	—	—	85	90	92

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

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Acton	—	—	—	—	—	100	100	100
Ajax	—	—	—	—	—	79	72	84
Alliston	—	—	—	—	—	54	100	31
Amherstburg	—	—	—	—	—	92	69	74
Arnprior	—	—	—	—	—	54	47	54
Aurora	—	—	—	—	—	78	78	67
Aylmer West	—	—	—	—	—	40	72	74
Barrie	—	—	—	—	—	92	78	71
Belleville	—	—	—	—	—	87	79	88
Bolton	—	—	—	—	—	77	77	74
Bowmanville	—	—	—	—	—	92	74	67
Bracebridge	—	—	—	—	—	—	100	0
Bradford	—	—	—	—	—	53	47	59
Brampton	—	—	—	—	—	92	85	80
Brantford	—	—	—	—	—	61	67	78
Brockville	—	—	—	—	—	81	87	79
Burlington	—	—	—	—	—	88	83	84
Caledon	—	—	—	—	—	—	100	—
Caledonia	—	—	—	—	—	59	85	87
Cambridge	—	—	—	—	—	94	76	71
Carleton Place	—	—	—	—	—	56	51	91
Chatham	—	—	—	—	—	56	88	92
Cobourg	—	—	—	—	—	79	79	88
Collingwood	—	—	—	—	—	80	100	22
Concord	—	—	—	—	—	89	89	79
Cornwall	—	—	—	—	—	97	83	92
Cumberland	—	—	—	—	—	—	—	—
Delhi	—	—	—	—	—	75	51	22
Downsview	—	—	—	—	—	91	79	80
Dryden	—	—	—	—	—	—	58	89
Dunnville	—	—	—	—	—	100	99	41
East Gwillimbury	—	—	—	—	—	69	12	78
Elliot Lake	—	—	—	—	—	—	—	—
Elmira	—	—	—	—	—	—	100	69
Espanola	—	—	—	—	—	—	99	—
Essex	—	—	—	—	—	53	92	74
Etobicoke	—	—	—	—	—	78	71	63
Fergus	—	—	—	—	—	100	87	69
Fort Erie	—	—	—	—	—	84	35	78
Fort Frances	—	—	—	—	—	81	88	81
Gananoque	—	—	—	—	—	78	62	60
Garson	—	—	—	—	—	—	99	—
Georgetown	—	—	—	—	—	88	95	80
Goderich	—	—	—	—	—	42	76	—
Gravenhurst	—	—	—	—	—	78	—	—
Greely	—	—	—	—	—	57	69	76
Grimsby	—	—	—	—	—	67	73	53
Guelph	—	—	—	—	—	81	77	53
Hamilton	—	—	—	—	—	76	69	55
Hanmer	—	—	—	—	—	99	52	62
Hanover	—	—	—	—	—	—	25	—
Hawkesbury	—	—	—	—	—	100	100	18
Huntsville	—	—	—	—	—	85	100	61
Ingersoll	—	—	—	—	—	89	83	66
Innisfil	—	—	—	—	—	100	90	60
Kapuskasing	—	—	—	—	—	0	75	—
Kenora	—	—	—	—	—	90	51	83
Keswick	—	—	—	—	—	63	65	57
Kincardine	—	—	—	—	—	—	85	70
King City	—	—	—	—	—	75	97	100
Kingston	—	—	—	—	—	84	68	62
Kingsville	—	—	—	—	—	83	40	87
Kirkland Lake	—	—	—	—	—	99	35	—
Kitchener	—	—	—	—	—	86	77	74
Leamington	—	—	—	—	—	74	76	70
Lindsay	—	—	—	—	—	—	100	98
Listowel	—	—	—	—	—	84	35	31
Lively	—	—	—	—	—	—	100	—
London	—	—	—	—	—	69	65	70
Manotick	—	—	—	—	—	—	76	62
Maple	—	—	—	—	—	86	91	76
Markham	—	—	—	—	—	82	75	69
Meaford	—	—	—	—	—	—	0	—

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

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Midland	—	—	—	—	—	100	100	86
Milton	—	—	—	—	—	82	65	80
Mississauga	—	—	—	—	—	84	78	70
Napanee	—	—	—	—	—	91	85	—
Navan	—	—	—	—	—	48	34	—
New Hamburg	—	—	—	—	—	—	—	66
Newmarket	—	—	—	—	—	68	74	66
Niagara Falls	—	—	—	—	—	88	83	85
North Bay	—	—	—	—	—	92	96	94
North York	—	—	—	—	—	82	77	69
Oakville	—	—	—	—	—	72	68	62
Orangeville	—	—	—	—	—	90	84	88
Orillia	—	—	—	—	—	82	62	93
Oshawa	—	—	—	—	—	87	74	71
Ottawa	—	—	—	—	—	80	71	66
Owen Sound	—	—	—	—	—	81	55	72
Paris	—	—	—	—	—	47	68	60
Parry Sound	—	—	—	—	—	99	41	—
Pembroke	—	—	—	—	—	87	80	90
Penetanguishene	—	—	—	—	—	91	100	75
Perth	—	—	—	—	—	—	54	81
Petawawa	—	—	—	—	—	87	100	100
Peterborough	—	—	—	—	—	85	80	70
Pickering	—	—	—	—	—	80	80	87
Port Colborne	—	—	—	—	—	89	83	100
Port Hope	—	—	—	—	—	72	63	74
Port Perry	—	—	—	—	—	72	78	100
Port Stanley	—	—	—	—	—	—	—	—
Renfrew	—	—	—	—	—	85	33	88
Richmond Hill	—	—	—	—	—	92	78	85
Rockland	—	—	—	—	—	30	77	74
Russell	—	—	—	—	—	73	100	—
Sarnia	—	—	—	—	—	90	62	66
Sault Ste. Marie	—	—	—	—	—	82	52	34
Scarborough	—	—	—	—	—	79	78	72
Simcoe	—	—	—	—	—	100	100	41
Sioux Lookout	—	—	—	—	—	66	34	—
Smiths Falls	—	—	—	—	—	100	57	78
St. Catharine	—	—	—	—	—	86	92	85
St. Mary's	—	—	—	—	—	—	36	—
St. Thomas	—	—	—	—	—	63	45	43
Stouffville	—	—	—	—	—	92	100	46
Stratford	—	—	—	—	—	100	100	94
Strathroy	—	—	—	—	—	56	40	73
Sturgeon	—	—	—	—	—	79	78	100
Sudbury	—	—	—	—	—	82	89	77
Thornhill	—	—	—	—	—	91	85	78
Thunder Bay	—	—	—	—	—	69	69	41
Tillsonburg	—	—	—	—	—	59	87	68
Timmins	—	—	—	—	—	68	90	69
Toronto	—	—	—	—	—	81	76	64
Trenton	—	—	—	—	—	100	83	78
Uxbridge	—	—	—	—	—	85	100	85
Val Caron	—	—	—	—	—	—	—	—
Wallaceburg	—	—	—	—	—	72	36	100
Wasaga Beach	—	—	—	—	—	—	—	—
Welland	—	—	—	—	—	97	87	81
Weston	—	—	—	—	—	85	74	80
Whitby	—	—	—	—	—	85	84	87
Willowdale	—	—	—	—	—	86	86	71
Windsor	—	—	—	—	—	84	78	70
Woodbridge	—	—	—	—	—	85	83	85
Woodstock	—	—	—	—	—	54	79	55
Rural	—	—	—	—	—	80	76	74
Other	—	—	—	—	—	78	79	74

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Obstetric Trauma with 3rd Degree, Vaginal without Instrument: Score by Municipality								
Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Acton	—	—	—	—	—	98	48	99
Ajax	—	—	—	—	—	73	81	80
Alliston	—	—	—	—	—	39	68	42
Amherstburg	—	—	—	—	—	63	86	88
Arnprior	—	—	—	—	—	99	98	98
Aurora	—	—	—	—	—	54	76	82
Aylmer West	—	—	—	—	—	55	68	91
Barrie	—	—	—	—	—	82	88	89
Belleville	—	—	—	—	—	62	74	93
Bolton	—	—	—	—	—	68	82	84
Bowmanville	—	—	—	—	—	63	85	77
Bracebridge	—	—	—	—	—	75	80	55
Bradford	—	—	—	—	—	28	75	85
Brampton	—	—	—	—	—	82	82	82
Brantford	—	—	—	—	—	63	61	68
Brockville	—	—	—	—	—	42	79	89
Burlington	—	—	—	—	—	78	79	71
Caledon	—	—	—	—	—	90	97	93
Caledonia	—	—	—	—	—	18	52	41
Cambridge	—	—	—	—	—	82	86	77
Carleton Place	—	—	—	—	—	37	77	98
Chatham	—	—	—	—	—	69	74	79
Cobourg	—	—	—	—	—	83	77	84
Collingwood	—	—	—	—	—	98	72	55
Concord	—	—	—	—	—	81	78	90
Cornwall	—	—	—	—	—	85	85	96
Cumberland	—	—	—	—	—	95	97	56
Delhi	—	—	—	—	—	74	100	85
Downsview	—	—	—	—	—	78	90	85
Dryden	—	—	—	—	—	81	86	82
Dunnville	—	—	—	—	—	24	71	65
East Gwillimbury	—	—	—	—	—	58	82	79
Elliot Lake	—	—	—	—	—	46	73	100
Elmira	—	—	—	—	—	74	77	40
Espanola	—	—	—	—	—	100	99	99
Essex	—	—	—	—	—	98	62	61
Etobicoke	—	—	—	—	—	71	77	80
Fergus	—	—	—	—	—	65	49	75
Fort Erie	—	—	—	—	—	100	83	98
Fort Frances	—	—	—	—	—	58	39	100
Gananoque	—	—	—	—	—	79	66	36
Garson	—	—	—	—	—	99	100	79
Georgetown	—	—	—	—	—	84	91	79
Goderich	—	—	—	—	—	81	88	100
Gravenhurst	—	—	—	—	—	35	78	57
Greely	—	—	—	—	—	73	69	94
Grimsby	—	—	—	—	—	26	74	66
Guelph	—	—	—	—	—	67	76	77
Hamilton	—	—	—	—	—	58	73	72
Hanmer	—	—	—	—	—	88	100	100
Hanover	—	—	—	—	—	81	75	6
Hawkesbury	—	—	—	—	—	89	69	100
Huntsville	—	—	—	—	—	51	77	90
Ingersoll	—	—	—	—	—	61	87	99
Innisfil	—	—	—	—	—	91	73	85
Kapuskasing	—	—	—	—	—	76	100	75
Kenora	—	—	—	—	—	87	66	100
Keswick	—	—	—	—	—	54	83	90
Kincardine	—	—	—	—	—	37	0	99
King City	—	—	—	—	—	72	78	93
Kingston	—	—	—	—	—	72	81	82
Kingsville	—	—	—	—	—	34	42	40
Kirkland Lake	—	—	—	—	—	27	72	17
Kitchener	—	—	—	—	—	68	79	80
Leamington	—	—	—	—	—	0	33	36
Lindsay	—	—	—	—	—	54	72	38
Listowel	—	—	—	—	—	86	78	100
Lively	—	—	—	—	—	38	96	49
London	—	—	—	—	—	54	72	74
Manotick	—	—	—	—	—	93	96	77
Maple	—	—	—	—	—	83	87	73
Markham	—	—	—	—	—	58	74	75
Meaford	—	—	—	—	—	77	49	41

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

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Midland	—	—	—	—	—	39	83	47
Milton	—	—	—	—	—	78	64	80
Mississauga	—	—	—	—	—	76	80	76
Napanee	—	—	—	—	—	47	17	23
Navan	—	—	—	—	—	64	98	36
New Hamburg	—	—	—	—	—	36	99	85
Newmarket	—	—	—	—	—	25	78	70
Niagara Falls	—	—	—	—	—	91	78	90
North Bay	—	—	—	—	—	93	91	75
North York	—	—	—	—	—	58	75	71
Oakville	—	—	—	—	—	69	71	77
Orangeville	—	—	—	—	—	67	74	90
Orillia	—	—	—	—	—	70	76	85
Oshawa	—	—	—	—	—	72	83	81
Ottawa	—	—	—	—	—	63	69	70
Owen Sound	—	—	—	—	—	34	42	54
Paris	—	—	—	—	—	45	33	79
Parry Sound	—	—	—	—	—	81	87	23
Pembroke	—	—	—	—	—	82	76	81
Penetanguishene	—	—	—	—	—	29	72	0
Perth	—	—	—	—	—	100	67	79
Petawawa	—	—	—	—	—	98	81	74
Peterborough	—	—	—	—	—	49	66	69
Pickering	—	—	—	—	—	76	81	70
Port Colborne	—	—	—	—	—	48	78	88
Port Hope	—	—	—	—	—	73	86	84
Port Perry	—	—	—	—	—	64	74	70
Port Stanley	—	—	—	—	—	95	99	—
Renfrew	—	—	—	—	—	67	87	82
Richmond Hill	—	—	—	—	—	69	78	81
Rockland	—	—	—	—	—	59	78	80
Russell	—	—	—	—	—	48	74	74
Sarnia	—	—	—	—	—	61	72	65
Sault Ste. Marie	—	—	—	—	—	54	62	67
Scarborough	—	—	—	—	—	56	75	63
Simcoe	—	—	—	—	—	82	59	64
Sioux Lookout	—	—	—	—	—	42	79	76
Smiths Falls	—	—	—	—	—	37	41	79
St. Catharine	—	—	—	—	—	83	82	79
St. Mary's	—	—	—	—	—	98	70	68
St. Thomas	—	—	—	—	—	32	70	76
Stouffville	—	—	—	—	—	88	69	69
Stratford	—	—	—	—	—	44	62	78
Strathroy	—	—	—	—	—	65	92	81
Sturgeon	—	—	—	—	—	71	57	100
Sudbury	—	—	—	—	—	83	89	93
Thornhill	—	—	—	—	—	76	83	74
Thunder Bay	—	—	—	—	—	75	89	81
Tillsonburg	—	—	—	—	—	87	86	93
Timmins	—	—	—	—	—	87	58	70
Toronto	—	—	—	—	—	61	76	69
Trenton	—	—	—	—	—	84	83	68
Uxbridge	—	—	—	—	—	83	79	97
Val Caron	—	—	—	—	—	100	100	100
Wallaceburg	—	—	—	—	—	47	75	71
Wasaga Beach	—	—	—	—	—	—	—	11
Welland	—	—	—	—	—	67	75	75
Weston	—	—	—	—	—	76	81	72
Whitby	—	—	—	—	—	78	84	67
Willowdale	—	—	—	—	—	69	80	73
Windsor	—	—	—	—	—	66	75	70
Woodbridge	—	—	—	—	—	75	81	89
Woodstock	—	—	—	—	—	77	74	85
Rural	—	—	—	—	—	64	71	72
Other	—	—	—	—	—	76	79	77

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)

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

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Acton	—	—	—	—	—	100	100	100
Ajax	—	—	—	—	—	95	100	95
Alliston	—	—	—	—	—	64	100	55
Amherstburg	—	—	—	—	—	100	100	100
Arnprior	—	—	—	—	—	46	100	100
Aurora	—	—	—	—	—	75	93	94
Aylmer West	—	—	—	—	—	100	100	30
Barrie	—	—	—	—	—	78	86	94
Belleville	—	—	—	—	—	100	93	94
Bolton	—	—	—	—	—	89	93	100
Bowmanville	—	—	—	—	—	94	100	100
Bracebridge	—	—	—	—	—	100	100	100
Bradford	—	—	—	—	—	100	100	100
Brampton	—	—	—	—	—	97	97	98
Brantford	—	—	—	—	—	93	81	93
Brockville	—	—	—	—	—	81	76	88
Burlington	—	—	—	—	—	81	96	92
Caledon	—	—	—	—	—	100	100	100
Caledonia	—	—	—	—	—	100	51	100
Cambridge	—	—	—	—	—	96	98	93
Carleton Place	—	—	—	—	—	100	100	81
Chatham	—	—	—	—	—	83	84	100
Cobourg	—	—	—	—	—	100	84	100
Collingwood	—	—	—	—	—	100	77	100
Concord	—	—	—	—	—	100	100	87
Cornwall	—	—	—	—	—	100	100	100
Cumberland	—	—	—	—	—	100	100	0
Delhi	—	—	—	—	—	100	100	100
Downsview	—	—	—	—	—	89	98	99
Dryden	—	—	—	—	—	100	100	100
Dunnville	—	—	—	—	—	100	100	100
East Gwillimbury	—	—	—	—	—	100	100	100
Elliot Lake	—	—	—	—	—	100	100	100
Elmira	—	—	—	—	—	100	100	100
Espanola	—	—	—	—	—	100	100	100
Essex	—	—	—	—	—	100	100	100
Etobicoke	—	—	—	—	—	91	97	99
Fergus	—	—	—	—	—	100	100	82
Fort Erie	—	—	—	—	—	100	100	100
Fort Frances	—	—	—	—	—	100	100	100
Gananoque	—	—	—	—	—	10	50	36
Garson	—	—	—	—	—	100	100	100
Georgetown	—	—	—	—	—	100	93	85
Goderich	—	—	—	—	—	100	100	47
Gravenhurst	—	—	—	—	—	100	100	100
Greely	—	—	—	—	—	100	50	100
Grimsby	—	—	—	—	—	78	57	87
Guelph	—	—	—	—	—	78	95	95
Hamilton	—	—	—	—	—	89	95	77
Hanmer	—	—	—	—	—	100	100	100
Hanover	—	—	—	—	—	53	25	50
Hawkesbury	—	—	—	—	—	35	100	52
Huntsville	—	—	—	—	—	100	59	82
Ingersoll	—	—	—	—	—	100	64	100
Innisfil	—	—	—	—	—	100	89	87
Kapuskasing	—	—	—	—	—	100	100	100
Kenora	—	—	—	—	—	100	100	100
Keswick	—	—	—	—	—	100	100	100
Kincardine	—	—	—	—	—	100	100	100
King City	—	—	—	—	—	100	0	100
Kingston	—	—	—	—	—	58	68	78
Kingsville	—	—	—	—	—	100	100	100
Kirkland Lake	—	—	—	—	—	99	100	100
Kitchener	—	—	—	—	—	100	98	99
Leamington	—	—	—	—	—	100	91	100
Lindsay	—	—	—	—	—	100	100	100
Listowel	—	—	—	—	—	45	75	70
Lively	—	—	—	—	—	100	100	100
London	—	—	—	—	—	78	85	93
Manotick	—	—	—	—	—	100	100	100
Maple	—	—	—	—	—	95	93	100
Markham	—	—	—	—	—	98	92	99
Meaford	—	—	—	—	—	100	100	100

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

Municipality	1997-1998	1998-1999	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005
Midland	—	—	—	—	—	61	100	100
Milton	—	—	—	—	—	57	100	96
Mississauga	—	—	—	—	—	94	96	97
Napanee	—	—	—	—	—	100	74	59
Navan	—	—	—	—	—	100	100	100
New Hamburg	—	—	—	—	—	100	74	100
Newmarket	—	—	—	—	—	91	96	100
Niagara Falls	—	—	—	—	—	100	100	95
North Bay	—	—	—	—	—	100	93	100
North York	—	—	—	—	—	100	93	100
Oakville	—	—	—	—	—	98	97	97
Orangeville	—	—	—	—	—	89	100	100
Orillia	—	—	—	—	—	100	94	100
Oshawa	—	—	—	—	—	97	96	98
Ottawa	—	—	—	—	—	92	88	88
Owen Sound	—	—	—	—	—	70	45	78
Paris	—	—	—	—	—	100	100	100
Parry Sound	—	—	—	—	—	100	78	100
Pembroke	—	—	—	—	—	100	83	71
Penetanguishene	—	—	—	—	—	100	100	100
Perth	—	—	—	—	—	100	68	100
Petawawa	—	—	—	—	—	100	81	58
Peterborough	—	—	—	—	—	80	91	95
Pickering	—	—	—	—	—	95	90	100
Port Colborne	—	—	—	—	—	100	100	100
Port Hope	—	—	—	—	—	100	100	100
Port Perry	—	—	—	—	—	100	100	100
Port Stanley	—	—	—	—	—	—	—	100
Renfrew	—	—	—	—	—	100	100	100
Richmond Hill	—	—	—	—	—	89	99	97
Rockland	—	—	—	—	—	0	100	100
Russell	—	—	—	—	—	100	100	100
Sarnia	—	—	—	—	—	100	100	100
Sault Ste. Marie	—	—	—	—	—	90	95	100
Scarborough	—	—	—	—	—	94	97	98
Simcoe	—	—	—	—	—	100	100	100
Sioux Lookout	—	—	—	—	—	100	100	100
Smiths Falls	—	—	—	—	—	100	100	100
St. Catharine	—	—	—	—	—	100	98	95
St. Mary's	—	—	—	—	—	100	44	100
St. Thomas	—	—	—	—	—	100	100	100
Stouffville	—	—	—	—	—	100	100	78
Stratford	—	—	—	—	—	80	100	100
Strathroy	—	—	—	—	—	71	100	84
Sturgeon	—	—	—	—	—	99	100	100
Sudbury	—	—	—	—	—	100	100	100
Thornhill	—	—	—	—	—	88	98	94
Thunder Bay	—	—	—	—	—	82	92	100
Tillsonburg	—	—	—	—	—	53	100	100
Timmins	—	—	—	—	—	100	100	100
Toronto	—	—	—	—	—	93	95	96
Trenton	—	—	—	—	—	100	78	100
Uxbridge	—	—	—	—	—	58	76	100
Val Caron	—	—	—	—	—	100	100	100
Wallaceburg	—	—	—	—	—	100	100	100
Wasaga Beach	—	—	—	—	—	—	—	100
Welland	—	—	—	—	—	91	100	95
Weston	—	—	—	—	—	100	98	96
Whitby	—	—	—	—	—	87	91	92
Willowdale	—	—	—	—	—	99	95	93
Windsor	—	—	—	—	—	100	95	97
Woodbridge	—	—	—	—	—	82	100	98
Woodstock	—	—	—	—	—	100	100	73
Rural	—	—	—	—	—	89	94	94
Other	—	—	—	—	—	85	90	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

"—" 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)