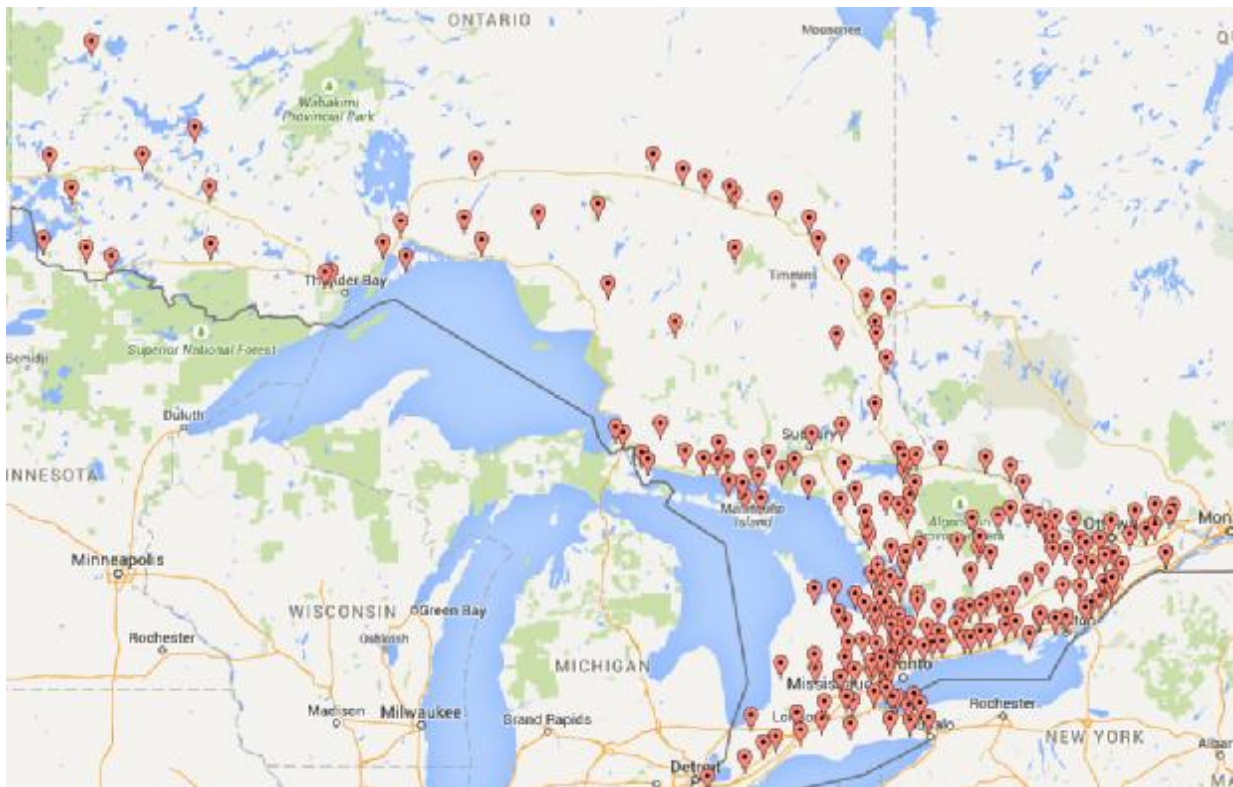


**Federation of Ontario Public Libraries
Ontario Public Library Operating Data 2005-2014
Overview, Primer on Library Statistics and Collected Tables**

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ONE VOICE FOR ONTARIO PUBLIC LIBRARIES

Preliminary Analysis of Ontario Public Library Data with a Sampler of Results

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Introduction

Stephen Abram, MLS, Executive Director

This document is a watershed moment for public libraries in Ontario.

For the first time in many years we now have up-to-date access to our sector's data provided by our libraries as part of the provincial data collection.

This report covers the highlights of these data as well as documenting some current trends through 2014.

This editorial introduction is an overview of our process at FOPL. The Federation of Ontario Public Libraries has been investing over the last 24 months in statistics for Ontario's public library systems. To this end we have:

- Participated in CLA task force on national statistics
- Hosted 3 iSchool symposia on future measurements for libraries
- Lobbied for open data for Ontario public libraries (win!)
- Published a longitudinal analysis of Ministry data collection for 2001-2010 and 2001-2013.
- Published Market Probe opinion polls for 2015 (building on 2001, 2006, 2010 polls)
- Hosted and recorded several webinars about Statistics and Measurements in public libraries.

In 2016, our goals were:

1. To continue the discussion of relevance and timeliness of Ontario public library comparative statistics.
2. Publish an updated longitudinal analysis of the data collected from us by the Ministry for 2001-2014.
3. Start the development of an index to compare libraries in Ontario on 21st Century strategic benchmarks that align with the role of libraries beyond just circulation and gate-count.

These were done as we committed to you.

We are very pleased to be working again with library stats expert, Robert Molyneux, MSLS, PhD, for his excellent analytical skills and perspectives in developing our reports and his contributions to this discussion paper.

It is our hope that this paper and our statistical analyses will serve as an important launching point for broader discussion in our community on what WE NEED with respect to statistical data, provincial benchmark measurements, and historical context for our annual strategic planning reviews and new strategic plan development.

Combined with the completion of our 2015 Market Probe Canada Public Opinion Poll on Ontarians attitudes and Usage of Ontario's Public Libraries, we have updated the FOPL public opinion polls done in 2000, 2006, and 2010. Each of these polls has provided insights into our operations and how we remain successful at fulfilling our public mandates.

I am excited that our analyses show that public libraries are at two tipping points. Traditional library measurements peaked or plateaued in 2010. Modern library measurements that include our emphasis on programs and digital usage show that we are on a new arc and digital usage appears to be exceeding in-person usage for the first time in 2015. It is truly an exciting time for our important and value-laden sector.

FOPL has been very active these past three years. The membership investments in research, marketing and advocacy on a collaborative basis are bearing fruit at costs that would be unaffordable to individual library systems. The return on investment for your membership in FOPL has never been stronger! We can report significant progress in all three Federation of Ontario Public Libraries strategic objectives in 2016: Research and Development, Marketing, and Advocacy.

This discussion paper educates you in the background in our 'new' measurement and communication opportunities as they apply to libraries and how they can be used for analysis, ranking and comparisons of Ontario public library performance from 2001-2014. Credit is due to our Ontario Ministry of Culture, Tourism and Sport for jumping on the open-data trend and making the raw data that public libraries have contributed since 1998 available for further analysis and usage, and we thank them for their efforts. The Ministry has provided some funding in 2015 in addition to FOPL funds to this project to update the data, and to make some comparisons to the public libraries in US states and Canadian provinces. This is great and our sector's data is now fairly current for the first time in many years.

I believe that that these projects project provides strong value for public libraries from the data our sector has provided for many years and underpins communication of our value that show the Ministry and the public the strong impact of public libraries from their long-term investment in our libraries.

We have a grand plan!

With special funding from the Libraries 2020 project FOPL engaged a consultant to study the branding, communication and marketing status of Ontario Public Libraries. We have received the Phase 1, 2, and Phase 3 reports and have distributed a final report to SOLS/OLS-North and our FOPL members. In 2016 we are continuing this work in developing an over-arching tagline that we have tested in English and French with Ontario residents. This will lead to a province-wide marketing campaign with a clear call-to-action in which you will be asked to contribute and participate. Watch for this launch soon.

We are building our community's dreams about a major marketing push province-wide for public libraries in Ontario to promote our *value* and *impact*. How do we complement promoting our branches, collections and programs and local marketing with a collaborative push? Can we raise awareness, library usage, and the number of cardholders of public libraries in Ontario? How do we turn these dreams into a reality?

In 2014, we asked ourselves, "What do we need to know?" We need to know a lot before we make an investment in a province-wide marketing campaign and we have made great progress. For the branding project we:

1. Did a census of public library e-presences (websites, social media and social networking). This may be a critical channel for marketing libraries across our province.
2. Collected public library taglines from their websites. The word cloud below shows how we represented ourselves in 2014.
3. Reviewed the research on major public library "value" branding campaigns in Canada and the U.S.
4. Held focus groups and interviews with key internal and external stakeholders including librarians, library staff, library board members *and* municipal administrators.

This Wordcloud shows the key terms from public library taglines (larger font size indicates that this word is used in more taglines at Ontario public libraries. In 2016, we should have more pieces of the stats pie that we need to plan some initiatives around marketing and advocating for public libraries and our value and impact – one of your goals expressed in the Libraries 2020 Vision (and indeed our latest

Analysis: An Introduction to Ontario Statistics

As Stephen indicated, the purpose of this document is to present the results of a preliminary analysis of Ontario public libraries using the data from the Ministry of Tourism, Culture, and Sport. The goal is twofold: to present these results of this analysis in order both provide an initial assessment of Ontario's public libraries and through these results to solicit comments and suggestions to improve and focus future analysis.

The various tables we present here are a sample of the work we have done but rather than inflict the complete—and likely daunting—array tables of numbers on the reader, we hope this sampler is a useful introduction. These tables provide an indication of the state of Ontario's public libraries and provide examples of techniques which can be applied in other ways to advance the cause of libraries and aid FOPL in its work of improving Ontario's public libraries. If you are new to the ways of library data, we have again included the Primer, which may be a helpful introduction to the vagaries of library data and methods customarily used to examine libraries using their data. It begins on Page 7. Following the Primer are sets of tables and charts. The first three tables have data from the Ontario public libraries by year, followed by eight related charts, and then four tables report data from 2014 with libraries ranked by a select sample of variables.

The Data

The Ministry has compiled and published a series of data on the province's public libraries since 1999. The data are published in two formats: Portable Document Format (PDF) by year [These are only available on request. FOPL has the 2014 PDF series on its website, FOPL.ca] and “comma-separated values” (CSV) by year. The PDFs for each year are organized by bands of libraries organized by the number of resident population and these bands are further divided by seven separate pages by categories. Each year's reports are in varying numbers of documents with 72 being common on later years. These are suitable for printing and used for simple analysis by librarians. Publishing public library data by resident population served has a long pedigree and is the commonest way to provide evidence to compare like libraries. It is a recognized procedure in the difficult search for the “apples to apples” comparisons that bedevil library analysis. These annual reports permit analysis of like libraries for any one year but do not permit easy analysis of all libraries or for more than one year or for analyzing libraries which are similar by other measures than resident population. General analysis of all libraries is quite difficult using these files.

The CSV-formatted files permit the data to be brought into a spreadsheet program readily and each year's file has all the data for that year. Thus, analysis of more than each population band is possible and by combining data for more than one year, trends can be observed within the limits of spreadsheets. These annual data exist for 1999-2014. This set of data are

those used for this report and most of the tables which follow have data for the years 2005-2014 or for 2014 alone.

This data series is unusually well organized for a series of library data. Although, the 1999 data are different from the 2000+ data because that year has many more variables, by 2001, the collection criteria were established and the variables each year were collected in a consistent fashion. In addition, the libraries reporting are reasonably consistent. There is a key variable and this is an important aspect of these data. The key variable an alphanumeric key to each of the libraries and it is consistent across the series. In spite of name changes and the like, the key variable is the same. The consistency and a key are two big things the Ministry got right and this well-designed infrastructure is both rare in the library data world and is an aid to analysis. That said, there are many data points in this series and the tapestry of Ontario's public libraries is a complex one and often fits in the data compilers' pigeonholes awkwardly. Hence, the analyst must proceed with caution.

The entire set of data has been recompiled from the annual CSV files into a longitudinal file from 2000-2014 in a spreadsheet. The spreadsheet has 5,740 rows (each row = data from one library) and 315 columns (variables). A number of libraries reported each year but many did not and a similar observation can be made about variables: a number are reported each year but not all are. Part of the documentation for this spreadsheet includes information on which variables are reported which years and also which libraries report in which years. With so much data, we could produce a dauntingly large report but our goal here is to present the major variables and to give a picture of the state of Ontario's public libraries. We provide a sampler of methods of analysis of library data to those ends.

The Analysis Presented Here

The analysis rests largely on the tables and charts. As a result, unfortunately, it will be necessary to go back and forth between the text and the tables.

These tables are organized by several methods. As mentioned above, Tables 1-3 present summary data of related variables for the libraries for the years 2005-2014 as a means of looking at trends. They are found after the Primer beginning with a discussion of the tables on page 14. The Primer follows this section beginning on page 7. There are also tables with breakdowns of this summary data into subsets which are discussed below. Tables 4-8 contain data from the 311 libraries reporting in 2014. One presents a set of key ratios of all these libraries and four are sorted by how these libraries rank in four ratios involving two variables, annual circulations and expenditures.

The reader will note the different orientation of the tables. Tables 1-3 are oriented in landscape to allow for the 10 years of data to be presented clearly. Tables 4-8 have just 2014 but all the libraries so these tables are oriented in portrait mode. The Primer contains two smaller tables in the process of illustrating characteristics of library data. These characteristics necessarily have to be taken into consideration in attempting to assess these libraries.

Given that the number of libraries varies slightly from year to year, our trend analysis uses only those libraries which report *each* year in the series. That way, we do not have year-to-year fluctuations owing to changes in the reporting libraries and we hope we get our “apples to apples” comparisons. See Table 1 for summary data of the 301 libraries reporting each year.

378 libraries reported in 2014. Of those 67 are libraries that contract with others for services and data on their use, therefore, is subsumed with the libraries with which they contract. Hence, these libraries do not report other measures of library use separately. 311 of these libraries reported data in 2014, while only the 301 reported each year from 2005-2014.

A Primer on Library Data

Robert E. Molyneux, MSLS, PhD

Data are a type of evidence...numerical evidence...which can be used to understand phenomena and with that understanding make informed decisions.

It is one of life's curiosities that many of the oldest numbers that exist in historical sources are data from early libraries. We know a bit about collections of cuneiform tablets in the ruins of the Royal Library of Ashurbanipal and the numbers of scrolls at the great libraries of Pergamon and Alexandria. Sadly, we do not know exactly what those numbers mean or how to compare them to what data we have about libraries today. How many terabytes would the scrolls of Pergamon take up, for instance? How would these scrolls compare to physical volumes held or electronic resources?

It is fashionable to denigrate library data but, in fact, there are many pretty good series of library data. Many fields have difficulties with their data but if you believe economic data are the gold standard, Morgenstern's *On the Accuracy of Economic Data*, will disabuse you. However, economic data exist in an analytical culture with many analysts interested in using them and as they use them, the data improve. We in the library field do not have such a culture and few of our number are interested or capable of analyzing library data beyond basic comparisons and budget documents.

Data are a type of evidence...numerical evidence...which can be used to understand phenomena and with that understanding make informed decisions. Numerical data are not the only kind of evidence we can adduce in decision making but an important one, nonetheless and one largely missing in the library world but not, however, in the worlds of agencies of funding or government, nor the many competitors who offer many functions of the traditional library.

Historically, librarians have used data primarily in budget justifications and these are of a form where our library is compared to others which are like our library or which we would like to be like. The formula is: we have done very well in these categories and have gone up X % compared to A, B, and C libraries and we thank [the funding agency] for their support in these initiatives. This has been a successful project. Unhappily, however, we have fallen behind in these other categories D, E, and F, and...we need more money. The data series we have, largely, support this kind of effort. However, data created for one purpose can be used for others, such as assessing programs and initiatives or understanding underlying processes.

In the public library world, we typically use libraries “like ours” which will usually be close in size or known to the community other ways. The large libraries or those with a distinguished reputation will compare themselves to large libraries in the province or nationally known libraries or similar libraries in their peer group, that is, anywhere in the world. They live in a different funding environment from most libraries.

The second major use of library data is as a directory: who has a collection/ population/ use pattern which looks like ours? That provides a way of identifying people to talk to at meetings and libraries to visit. I suspect a lot of sharing of information takes place as a result of this kind of semi-formal directory searching.

Separating Libraries by Size Bands

The variable commonly used in the public library world to match similar libraries is the resident population which uses the library. The Ministry uses this number to segment the libraries by size of this population and this practice is standard with public library data. In series after series, current and historical, one finds separations of public libraries by size in resident population. Why separate by size? Because libraries are of vastly different sizes. The eight largest Ontario libraries have 55% of the resident population of all of the province's libraries in 2013 as they did in the 2010 which we analyzed in the first look at these data. If we took the 301 libraries which reported in 2001-2013, we would find essentially the same results we will show here in the pages which follow. This Primer presents a general discussion of the characteristics of library data; that is, things we always find, and how they have been dealt with historically.

Here are summary data from 30 of Ontario's public libraries from the 2013 data, these are the 10 largest in terms of resident population served by the libraries, the 10 smallest, and 10 in about the middle. This table is in three parts with two on the following page.

Rank	LibID	Library	City	Population (Resident)	Total Annual Direct Circulation	Total Operating Expenditures \$
1	353	Toronto	Toronto	2,773,000	32,324,416	186,153,057
2	481	Ottawa	Ottawa	917,570	10,559,495	39,438,387
3	206	Mississauga	Mississauga	736,000	7,614,310	26,154,395
4	474	Hamilton	Hamilton	528,502	6,347,007	29,908,318
5	41	Brampton	Brampton	504,600	5,456,223	13,922,567
6	245	London	London	365,200	4,038,334	19,724,410
7	99	Markham	Markham	309,144	4,838,114	10,871,400
8	359	Vaughan	Vaughan	296,863	2,730,552	11,496,770
9	127	Kitchener	Kitchener	229,400	2,778,698	9,573,945
10	378	Windsor	Windsor	194,744	1,472,693	8,983,498

Rank	LibID	Library	City	Population (Resident)	Total Annual Direct Circulation	Total Operating Expenditures \$
150	95	Parry Sound	Parry Sound	5,818	53,432	53,432
151	80	Bonnechere Union	Egarville	5,798	28,684	28,684
152	75	Shelburne	Shelburne	5,764	98,450	98,450
153	117	Cochrane	Cochrane	5,487	33,863	33,863
154	119	CramaheTwp	Cdborne	5,375	51,140	51,140
155	31	Sioux Lookout	Sioux Lookout	5,336	39,783	39,783
156	159	Galway-Cavendish & Harvey Twp	Buckhorn	5,284	27,130	27,130
157	165	Cliver Paipoonge	Murillo	5,180	14,347	14,347
157	330	Lanark Highlands Twp	Lanark	5,180	27,828	27,828
159	52	Espanola	Espanola	5,079	59,415	59,415
295	179	Head, Clara & Maria Twp	Stonediffe	210	753	753
296	396	Chippewas of Georgina Island FN	Sutton West	191	8,935	62,506
297	418	Shaw anaga FN	Nobel	182	2,654	23,458
298	460	Henvey Inlet FN	Pickard	172	70	20,700
299	403	Dokis FN	Via Monetville	170	654	31,907
299	428	Mattagami FN	Gogama	170	2,000	13,302
301	453	Wahta Mohawk FN	Bala	165	600	42,251
302	419	Sheshewaring FN	Sheshewaring	104	2,018	26,402
303	422	Thessalon FN	Thessalon	96	350	6,850
304	464	Michipicoten FN	Wawa	55	1,070	49,817

The column on the left has the rank of the library in terms of the population. There are 304 in this dataset which has all libraries which reported data each year from 2001 to 2013. There are two ties (#157 and #299). What we see here is common in libraries: a few big libraries and many smaller libraries. Although we include the 2014 data in this

In generalizing about this kind of fact, the term of art is to discuss the “distribution” of libraries and one can generalize about distributions. One of this pattern is called “skewed.” In the library world, we often talk about the “80-20 rule,” the “Bradford-Zipf distribution,” or similar terms to describe this fact of our world. Library distributions are commonly skewed. And ones with large population served will generally have higher expenditures, bigger collections, bigger staffs, etc. than most libraries. It is easy to understand why a librarian at any of these libraries would seek to compare his or her library with one of similar size. What do the libraries in each group have in common with the libraries in the other two groups? The smaller libraries exist in almost a different universe from their larger brethren.

We can still compare these libraries and one common method is to analyze statistics calculated from the data at hand. Per capita measures are common. Consider the data on the thirty libraries here with the circulations per capita in the table on page 11.

Circulations per capita are calculated by dividing annual circulation by the resident population. Expenditures per capita are calculated in a similar fashion...as per capitas commonly are.

A more complex picture is visible with this second look at the data, we can see that many of the smaller libraries have as active a circulation pattern and also many have operating budgets with as many dollars per its population....but not all. We can identify a few libraries which seem to have lower use and quite small budgets compared to others. We have, then, a means of finding libraries which might need help and smaller libraries which are doing a good job with what they have.

The table of per capitas is next.

Rank	LibID	Library	City	Expenditures	
				Circulation per capita	per capita \$
1	353	Toronto	Toronto	11.7	67.13
2	481	Ottawa	Ottawa	11.5	42.98
3	206	Mississauga	Mississauga	10.3	35.54
4	474	Hamilton	Hamilton	12.0	56.59
5	41	Brampton	Brampton	10.8	27.59
6	245	London	London	11.1	54.01
7	99	Markham	Markham	15.7	35.17
8	359	Vaughan	Vaughan	9.2	38.73
9	127	Kitchener	Kitchener	12.1	41.73
10	378	Windsor	Windsor	7.6	46.13
150	95	Parry Sound	Parry Sound	9.2	46.40
151	80	Bonnechere Union	Eganville	4.9	27.62
152	75	Shelburne	Shelburne	17.1	47.72
153	117	Cochrane	Cochrane	6.2	60.51
154	119	Cramahe Twp	Colborne	9.5	35.14
155	31	Sioux Lookout	Sioux Lookout	7.5	67.36
156	159	Galway-Cavendish & Harvey Twp	Buckhorn	5.1	25.40
157	165	Oliver Paipoonge	Murillo	2.8	13.15
158	330	Lanark Highlands Twp	Lanark	5.4	16.03
159	52	Espanola	Espanola	11.7	66.60
295	179	Head, Clara & Maria Twp	Stonecliffe	3.6	187.89
296	396	Chippewas of Georgina Island FN	Sutton West	46.8	327.26
297	418	Shawanaga FN	Nobel	14.6	128.89
298	460	Henvey Inlet FN	Pickerel	0.4	120.35
299	403	Dokis FN	Via Monetville	3.8	187.69
299	428	Mattagami FN	Gogama	11.8	78.25
301	453	Wahta Mohawk FN	Bala	3.6	256.07
302	419	Sheshegwaning FN	Sheshegwaning	19.4	253.87
303	422	Thessalon FN	Thessalon	3.6	71.35
304	464	Michipicoten FN	Wawa	19.5	905.76

A method for doing this kind of thing more systematically would be an index made up of the variables which further analysis shows are associated with strong libraries and those which are indicators of weaker libraries. Such a FOPL index could be a valuable tool in the Federation's work in securing robust funding for the province's libraries. We have taken the first steps toward this goal.

Having taught in three library schools, I know that few graduates have the necessary skills to do more detailed analysis. Many will learn because they will have to but to an important extent, librarians seem to be self-selected from non-numerate populations.

Is this a problem the province, FOPL, or someone else should be addressing? Two answers: first, of course. The smaller members need the kind of help to support their budget documentation. Our colleagues there in too many cases are struggling to keep the doors open, books on the shelves, meeting all the demands of a digital world... Yes. They need help somewhere. Is it the Ministry's job? Maybe to some extent but FOPL seems more likely poised to fill this niche.

Second, perhaps not. The bigger game is the state of Ontario's public libraries and that is both a comparison kind of problem and a province-wide problem. What is the state of Ontario's public libraries? How do these libraries support the information policies of Ontario? In the information age, with competition increasingly being worldwide, this is an important question as is an informed population in a consensual democracy. Libraries historically have had a central role in addressing such matters. What is the state of these libraries and what should this state be? Is it comparable to that of other similar library entities...in Canada or the US? Or wherever? Which organization is in a position to answer this kind of question?

This is the third report we have done on the Ministry's data. We did an analysis early last year of the Ontario public library data from the Ministry for libraries reporting each year from 2001-2010, then later on data from 2001-2013 and here present summary data from the Ministry's just released spreadsheet-ready data for all the libraries reporting from 2005-2014.

As we have done in those earlier publications, we have a number of views of these data for FOPL members. We have summary reports of what these libraries did using selected variables from 2005-2014 and have found what we believe are interesting results which show substantial changes in how libraries are responding to the challenges of presented by the new information environment. There are 301 libraries which report each of those years so that is the group we have concentrated our efforts on because comparisons year to year will have the same libraries so that changes between years are not a result of a changing set of libraries. We have all of these libraries, then we have them by the size bands from the Ministry. Bands are used to group libraries of like size in resident population. But: why group libraries?

Of course, we can analyze the performance of any single library in any of the years of the data and look at any of its like libraries. However, what we have focused on is the state of Ontario's public libraries, that is: ALL, while showing that we can drill down.

Library data fluctuate. Things go up and they go down. This library has more money this year and that one has less. Smaller libraries may not have the staff to fill out the forms for the Ministry so they do the best they can. Last year the librarian retired here and the new librarian doesn't know where that number came from so numbers jump around. On occasion, a value will appear that is not believable. There is a library which is reported to have very large expenditure figures in 2006—so large, in fact, that these numbers affect provincial totals. We wrestled with these numbers and in an attempt to see the underlying story in the province tried dealing with these anomalous numbers in several not consistent ways. Things like this happen and analysts do the best they can.

If you look at one library, you will see jumps reflecting either real changes in funding or anything libraries do or it may be one of the vagaries of data coming from collection problems. However, if you group libraries—and resident population is only one, albeit the most common, way of grouping libraries—you then can get a sense of what and how libraries in this group are doing. We get a good picture of the health of *all* the provincial public libraries and with an understanding of the data and as they improve, we can examine individual libraries with increasing confidence.

And now to the analysis!

**Population and Circulation at Ontario Public Libraries, 2005-2014,
All Reporting EACH Year
FOPL Data Report, Third Series**

We have two major methods for looking at these data in the following pages. One is to analyze aspects of all the 311 libraries in 2014 that do not contract for services. Data from libraries contracting for services with other libraries are generally included with the data from the libraries they contract with. The second method of analysis is through trend analysis and this time, we analyze the 301 libraries reporting each year from 2005 to 2014. By focusing on only those libraries reporting each year, any changes we observe are not a result of a changing set of libraries but, rather, of changes in those libraries.

Now we turn to the Tables 1 to 3. There are 10 separate tables included in Table 1: one for each of our nine bands and the first table has the summary data for the 301 libraries for 2005-2014. The Ministry has eight bands by the size of the libraries and we have separated out the First Nations' libraries in a separate band. Note that the right-hand columns have the percentage changes observed in the variables for two intervals: 2005-2014 and from 2010-2014.

Generally, we see increases from 2005-2010 and smaller changes since then if not declines—particularly in what we might think of as “traditional” library services. The charts following these tables strengthen the impression that many of these traditional variables have crested while those dealing with newer services show increases.

That said, we are not quite ready to report on the vast array of new kinds of services for two reasons at least: 1) the data have not settled down (it takes a few years for new data variables to be reported in sufficient consistency to be useful) or 2) the data do not exist. Because the new services are so fast moving, deciding what data to collect—and how—is often not settled before libraries are required to do something else. Collecting data on moving targets is quite difficult.

We cannot discuss every aspect of these numbers as fascinating as they are. We will use a few charts after the tables to bring out highlights. However, look at the summary data for the decade in the column just to the left of the 2005 data. These data are in purple. There are some big numbers and they indicate Ontario's public libraries have a great deal of impact on the life of the province's citizens. Two numbers that are indicative of this impact from 2005-2014 are 1) the total number of circulations for the decade: **1,243,707,608** and the Total Operating Expenditures (amount spent in the decade by the libraries): **6,029,808,720**. There are other numbers as impressive in these tables. **30,896,063** people attending programs, for instance! These summaries for the decade are also in the tables for the various bands.

This kind of table is useful for pulling together major aspects of Ontario's libraries by their size in terms of their resident population served and size, as we discussed in the Primer, is a common method for grouping libraries. There are others and with the raw data, one can group by other means: region, county, or other common elements.

The ten summary tables making up Table 1 follow. These are summaries of major data by bands. The advantage of this arrangement is that those summary data are combined with like-sized libraries. We follow these tables with summary charts of the major elements for all Ontario's public libraries reporting each year before moving on to Tables 2 and 3 on page 26.

Table 1: Summary Characteristics of Ontario Public Libraries, 2005-2014, All Libraries Reporting Each Year

		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014		
# of libraries reporting		301	301	301	301	301	301	301	301	301	301		
	Totals for the decade											% change 2005-2014	% Change 2010-2014
POPULATION (Resident)													
Total		10,859,188	11,496,000	11,655,012	12,575,726	12,733,306	12,827,723	12,966,684	12,974,026	13,160,005	13,317,869	23	4
Per library		36,077	38,193	38,721	41,780	42,303	42,617	43,079	43,103	43,721	44,245		
Active Cardholders													
Total		4,897,474	4,929,678	4,905,737	4,772,921	4,989,772	5,119,712	4,900,795	4,843,389	4,901,815	4,790,742	-2	-6
Per library		16,271	16,378	16,298	15,857	16,577	17,009	16,282	16,145	16,285	15,916		
CIRCULATION													
Total	1,243,707,608	112,045,326	115,013,979	115,255,366	120,717,560	127,724,494	129,112,402	132,786,078	131,892,090	131,080,583	128,079,730	14	-1
Per library		372,244	382,106	382,908	401,055	424,334	428,945	441,150	439,640	435,484	425,514		
Circulation per capita		8.6	8.5	8.3	8.3	8.6	8.6	8.8	8.3	7.8	7.6	-12	-11
OPERATING EXPENDITURES in \$													
Total Operating Expenditures	6,029,808,720	513,565,146	536,976,651	559,468,868	583,308,477	610,949,116	619,290,687	643,321,118	638,163,163	655,839,767	668,925,727	30	8
Per library		1,706,196	1,783,976	1,858,701	1,937,902	2,029,731	2,057,444	2,137,279	2,120,143	2,178,870	2,222,345		
Expenditures per capita		50.38	51.00	61.63	55.86	61.32	65.24	59.56	59.83	60.89	58.45	16	-10
General Materials Expenditures													
Total	542,086,523	52,341,884	56,689,537	56,523,421	55,443,753	57,113,758	55,533,553	52,073,873	53,431,609	52,055,508	50,879,627	-3	-8
Per library		173,893	188,337	187,785	184,199	189,747	184,497	175,925	184,247	175,863	169,035		
per capita		6.11	7.00	8.04	6.41	9.14	9.71	5.03	4.67	4.53	4.21	-31	-57
Electronic Materials Expenditures													
Total	115,309,559	5,335,010	5,658,298	6,395,926	10,715,274	9,045,600	12,002,934	14,426,501	14,669,149	16,668,568	20,392,299	282	70
Per library		17,724	18,798	21,249	35,599	30,052	39,877	47,929	48,735	55,377	67,749		
per capita		0.49	0.53	0.76	0.93	1.59	1.64	1.71	1.82	2.04	1.98	302	20
LIBRARY PROGRAMS													
Total number of programs	1,617,777	116,243	125,093	136,758	143,282	151,643	160,013	171,472	185,259	202,744	225,270	94	41
Total Attendance	30,896,063	2,347,591	2,559,978	2,712,490	2,801,258	3,004,219	3,137,233	3,329,611	3,483,149	3,709,597	3,810,937	62	21
per capita		0.48	0.49	0.54	0.53	0.54	0.69	0.66	0.90	0.72	0.66	36	-4

These numbers are imputed. There is a raw value for General Materials Expenditure for one library which is massively out of range. See the note at the page with the First Nations' Libraries for the details.

Table 1 (Continued) Summary Characteristics of Ontario Public Libraries, 2005-2014, Band 1
 (Resident population greater than 250,000)

		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014		
# of libraries reporting		8	8	8	8	8	8	8	8	8	8		
	Totals for the decade											% change 2005-2014	% Change 2010-2014
POPULATION (Resident)													
Total		5,288,704	5,677,027	5,691,318	6,289,582	6,368,738	6,430,879	6,499,663	6,549,554	6,588,453	6,670,436	26	4
Per library		661,088	709,628	711,415	786,198	796,092	803,860	812,458	818,694	823,557	833,805		
Active Cardholders													
Total		2,136,292	2,244,574	2,145,696	2,068,445	2,251,072	2,437,300	2,386,388	2,280,402	2,353,057	2,270,309	6	-7
Per library		267,037	280,572	268,212	258,556	281,384	304,663	298,299	285,050	294,132	283,789		
CIRCULATION													
Total	708,433,089	63,767,764	65,309,021	65,253,769	68,694,948	73,534,313	73,908,451	76,384,127	75,111,351	74,364,008	72,105,337	13	-2
Per library		7,970,971	8,163,628	8,156,721	8,586,869	9,191,789	9,238,556	9,548,016	9,388,919	9,295,501	9,013,167		
Circulation per capita		12.1	11.8	12.0	10.9	11.8	11.5	11.7	11.5	11.2	10.6	-13	-8
OPERATING EXPENDITURES in \$													
Total Operating Expenditures	3,311,416,954	295,382,024	301,169,293	311,395,063	325,822,311	340,040,182	337,669,304	352,253,049	341,772,566	349,844,296	356,068,866	21	5
Per library		36,922,753	37,646,162	38,924,383	40,727,789	42,505,023	42,208,663	44,031,631	42,721,571	43,730,537	44,508,608		
Expenditures per capita		49.46	46.86	48.39	40.47	44.38	44.72	45.75	45.77	46.47	46.81	-5	5
General Materials Expenditures													
Total	286,321,569	28,397,198	28,529,296	29,561,172	29,079,745	30,063,341	29,206,718	26,937,997	29,547,290	27,650,671	27,348,141	-4	-6
Per library		3,549,650	3,566,162	3,695,147	3,634,968	3,757,918	3,650,840	3,367,250	3,693,411	3,456,334	3,418,518		
per capita		5.022	4.628	5.055	4.253	4.314	4.091	3.704	4.354	4.055	4.18	-17	2
Electronic Materials Expenditures													
Total	61,274,636	3,141,712	3,219,544	3,368,708	5,078,668	4,806,089	6,683,301	7,927,100	7,834,659	8,462,768	10,752,087	242	61
Per library		392,714	402,443	421,089	634,834	600,761	835,413	990,888	979,332	1,057,846	1,344,011		
per capita		0.72	0.74	0.71	0.87	0.82	1.14	1.35	1.26	1.27	1.55	117	36
LIBRARY PROGRAMS													
Total number of programs	712,327	51,952	54,609	61,064	66,814	73,367	71,535	77,910	78,398	86,054	90,624	74	27
Total Attendance	15,219,236	1,127,459	1,241,456	1,349,084	1,437,647	1,531,526	1,525,699	1,703,602	1,694,987	1,806,287	1,801,489	60	18
per capita		0.25	0.26	0.26	0.23	0.24	0.23	0.26	0.27	0.29	0.28	10	20

Table 1 (Continued) Summary Characteristics of Ontario Public Libraries, 2005-2014, Band 2
 (Resident population greater than 100,000 and fewer than 250,001)

# of libraries reporting		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	% change	% Change
		20	20	20	20	20	20	20	20	20	20	2005-2014	2010-2014
POPULATION (Resident)													
	Totals for the decade												
Total													
Per library		2,441,841	2,590,892	2,665,819	2,828,544	2,889,566	2,906,771	2,949,113	2,975,782	3,001,828	3,024,077	24	4
		122,092	129,545	133,291	141,427	144,478	145,339	147,456	148,789	150,091	151,204		
Active Cardholders													
Total													
Per library		1,341,983	1,289,381	1,336,425	1,279,306	1,256,853	1,123,590	1,084,704	1,172,764	1,137,620	1,123,813	-16	0
		67,099	64,469	66,821	63,965	62,843	56,180	57,090	58,638	56,881	56,191		
CIRCULATION													
Total	275,727,596	23,920,221	25,110,734	25,618,279	26,627,122	28,043,726	28,458,300	28,810,451	30,332,798	29,561,611	29,244,354	22	3
Per library		1,196,011	1,255,537	1,280,914	1,331,356	1,402,186	1,422,915	1,440,523	1,516,640	1,478,081	1,462,218		
Circulation per capita		10.1	9.8	9.8	9.3	9.6	9.7	9.8	10.2	9.8	9.7	-4	0
OPERATING EXPENDITURES in \$													
Total Operating Expenditures	1,256,858,142	102,140,753	109,652,651	115,111,380	120,285,255	126,231,533	130,663,409	135,133,901	136,746,874	139,662,394	141,229,992	38	8
Per library		5,107,038	5,482,633	5,755,569	6,014,263	6,311,577	6,533,170	6,756,695	6,837,344	6,983,120	7,061,500		
Expenditures per capita		42.11	41.82	42.95	41.91	43.17	44.57	45.87	45.94	46.56	46.76	11	5
General Materials Expenditures													
Total	119,462,796	11,513,379	12,263,438	12,292,374	12,215,309	12,223,071	11,895,886	12,266,002	11,832,400	11,721,752	11,239,185	-2	-6
Per library		575,669	613,172	614,619	610,765	611,154	594,794	613,300	591,620	586,088	561,959		
per capita		4.79	4.79	4.69	4.33	4.26	4.13	4.27	4.04	3.99	3.79	-21	-8
Electronic Materials Expenditures													
Total	29,579,703	1,255,080	1,561,048	2,094,300	2,528,818	2,524,631	2,851,322	3,759,977	3,533,519	4,277,745	5,193,263	314	82
Per library		62,754	78,052	104,715	126,441	126,232	142,566	187,999	176,676	213,887	259,663		
per capita		0.50	0.54	0.70	0.81	0.80	0.90	1.21	1.16	1.40	1.71	245	91
LIBRARY PROGRAMS													
Total number of programs	316,156	23,826	26,431	28,198	25,446	29,112	33,107	32,364	37,012	38,995	41,665	75	26
Total Attendance	6,277,062	508,201	548,932	565,352	573,188	612,806	589,140	643,110	705,133	772,560	758,640	49	29
per capita		0.20	0.21	0.21	0.20	0.21	0.21	0.22	0.24	0.26	0.26	26	25

Table 1 (Continued) Summary Characteristics of Ontario Public Libraries, 2005-2014, Band 3
 (Resident population greater than 50,000 and fewer than 100,001)

# of libraries reporting		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	% change 2005-2014	% Change 2010-2014
	Totals for the decade	21	21	21	21	21	21	21	21	21	21		
POPULATION (Resident)													
Total		1,281,778	1,320,920	1,353,124	1,435,412	1,441,981	1,459,344	1,463,624	1,387,228	1,496,279	1,536,129	20	5
Per library		61,037	62,901	64,434	68,353	68,666	69,493	69,696	66,058	71,251	73,149		
Active Cardholders													
Total		504,227	512,292	518,595	510,819	502,744	549,905	549,308	570,710	527,646	531,924	5	-3
Per library		24,011	24,395	24,695	24,325	23,940	26,186	26,158	27,177	25,126	25,330		
CIRCULATION													
Total	107,190,830	9,821,197	9,972,390	9,972,681	10,457,884	10,661,905	11,127,175	11,209,090	11,413,784	11,229,250	11,325,474	15	2
Per library		467,676	474,876	474,890	497,994	507,710	529,865	533,766	543,514	534,726	539,308		
Circulation per capita		7.6	7.4	7.3	7.1	7.1	7.5	7.5	10.7	7.4	7.2	-5	-4
OPERATING EXPENDITURES in \$													
Total Operating Expenditures	606,863,913	48,892,370	50,846,156	55,028,052	57,025,113	60,512,274	62,428,898	64,460,468	66,179,023	68,984,995	72,506,564	48	16
Per library		2,328,208	2,421,246	2,620,383	2,715,482	2,881,537	2,972,805	3,069,546	3,151,382	3,285,000	3,452,694		
Expenditures per capita		38.20	38.27	40.55	39.89	42.21	42.96	44.16	58.87	46.29	47.08	23	10
General Materials Expenditures													
Total	56,341,582	5,027,694	5,647,489	6,180,650	6,082,782	6,144,622	5,975,271	5,556,747	4,908,231	5,514,699	5,303,397	5	-11
Per library		239,414	268,928	294,317	289,656	292,601	284,537	264,607	233,725	262,605	252,543		
per capita		3.90	4.27	4.57	4.33	4.31	4.15	3.83	4.32	3.76	3.48	-11	-16
Electronic Materials Expenditures													
Total	12,232,120	456,634	394,401	447,954	2,295,522	738,991	1,233,952	1,106,638	1,480,119	1,928,102	2,149,807	371	74
Per library		21,744	18,781	21,331	109,311	35,190	58,760	52,697	70,482	91,814	102,372		
per capita		0.35	0.29	0.32	2.03	0.52	0.83	0.76	1.14	1.26	1.36	291	65
LIBRARY PROGRAMS													
Total number of programs	186,230	13,980	13,587	14,004	18,404	15,380	17,972	20,088	21,022	24,192	27,601	97	54
Total Attendance	2,925,122	226,368	245,879	254,016	235,098	286,458	297,318	310,885	329,201	351,246	388,653	72	31
per capita		0.17	0.18	0.18	0.17	0.19	0.20	0.21	0.30	0.23	0.25	44	26

Table 1 (Continued) Summary Characteristics of Ontario Public Libraries, 2005-2014, Band 4
 (Resident population greater than 30,000 and fewer than 50,001)

		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	% change 2005-2014	% Change 2010-2014
# of libraries reporting		18	18	18	18	18	18	18	18	18	18		
	Totals for the decade												
POPULATION (Resident)													
Total		598,641	618,352	628,128	673,668	683,754	688,100	695,260	701,292	708,713	722,198	21	5
Per library		33,258	34,353	34,896	37,426	37,986	38,228	38,626	38,961	39,373	40,122		
Active Cardholders													
Total		258,167	258,594	263,879	271,916	319,302	320,459	274,554	277,838	283,397	264,218	2	-18
Per library		14,343	14,366	14,660	15,106	17,739	17,803	15,253	15,435	15,744	14,679		
CIRCULATION													
Total	50,208,664	4,545,855	4,657,090	4,696,850	4,787,933	4,957,010	5,021,016	5,175,077	5,370,064	5,697,569	5,300,200	17	6
Per library		252,548	258,727	260,936	265,996	275,389	278,945	287,504	298,337	316,532	294,456		
Circulation per capita		7.8	7.8	7.8	7.3	7.5	7.6	7.7	8.0	8.5	7.6	-3	0
OPERATING EXPENDITURES in \$													
Total Operating Expenditures	302,049,756	23,397,918	25,021,985	26,311,188	28,622,967	29,098,417	30,823,718	32,745,214	34,124,472	35,998,269	35,905,608	53	16
Per library		1,299,884	1,390,110	1,461,733	1,590,165	1,616,579	1,712,429	1,819,179	1,895,804	1,999,904	1,994,756		
Expenditures per capita		39.97	41.52	42.59	43.31	43.58	45.80	48.70	50.97	52.76	51.26	28	12
General Materials Expenditures													
Total	24,248,503	2,307,177	2,559,089	2,467,635	2,483,041	2,728,626	2,520,092	2,319,880	2,358,952	2,256,836	2,247,175	-3	-11
Per library		128,177	142,172	137,091	137,947	151,590	140,005	128,882	131,053	125,380	124,843		
per capita		3.87	4.19	4.01	3.77	4.14	3.77	3.50	3.56	3.29	3.22	-17	-15
Electronic Materials Expenditures													
Total	4,878,222	242,570	230,784	226,613	337,009	369,681	412,504	634,916	690,246	802,666	931,233	284	126
Per library		13,476	12,821	12,590	18,723	20,538	22,917	35,273	38,347	44,593	51,735		
per capita		0.42	0.39	0.37	0.54	0.59	0.62	0.94	1.02	1.16	1.32	211	111
LIBRARY PROGRAMS													
Total number of programs	120,119	7,354	8,560	10,467	10,965	11,204	11,629	12,036	12,039	13,917	21,948	198	89
Total Attendance	2,038,169	143,754	161,010	180,558	184,950	191,653	202,123	207,881	223,953	251,463	290,824	102	44
per capita		0.25	0.28	0.30	0.29	0.29	0.31	0.32	0.34	0.38	0.42	68	37

Table 1 (Continued) Summary Characteristics of Ontario Public Libraries, 2005-2014, Band 5
 (Resident population greater than 15,000 and fewer than 30,001)

		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	% change 2005-2014	% Change 2010-2014
# of libraries reporting		29	29	29	29	29	29	29	29	29	29		
	Totals for the decade												
POPULATION (Resident)													
Total		488,136	518,088	534,063	545,750	547,567	556,291	560,821	562,710	568,989	575,141	18	3
Per library		16,832	17,865	18,416	18,819	18,882	19,182	19,339	19,404	19,620	19,832		
Active Cardholders													
Total		276,273	248,009	262,857	276,636	283,463	256,341	257,191	245,672	236,588	242,759	-12	-5
Per library		9,527	8,552	9,064	9,539	9,775	8,839	8,869	8,471	8,158	8,371		
CIRCULATION													
Total	43,743,672	4,229,103	4,251,096	4,133,960	4,257,969	4,356,727	4,457,185	4,505,464	4,583,141	4,526,630	4,442,397	5	0
Per library		145,831	146,590	142,550	146,827	150,232	153,696	155,361	158,039	156,091	153,186		
Circulation per capita		8.7	8.4	7.8	7.9	8.1	8.2	8.2	8.3	8.1	7.9	-9	-4
OPERATING EXPENDITURES in \$													
Total Operating Expenditures	222,445,004	17,820,133	19,102,643	19,964,331	20,980,230	22,391,538	23,035,954	23,751,456	24,239,269	25,106,591	26,052,859	46	13
Per library		614,487	658,712	688,425	723,456	772,122	794,343	819,016	835,837	865,745	898,374		
Expenditures per capita		36.23	37.22	37.35	37.99	40.66	41.79	42.07	42.66	43.77	44.89	24	7
General Materials Expenditures													
Total	19,998,372	1,978,058	2,172,144	2,143,735	2,189,951	2,146,111	1,969,594	1,880,202	1,828,743	1,903,265	1,786,569	-10	-9
Per library		68,209	74,902	73,922	75,516	74,004	67,917	64,835	63,060	65,630	61,606		
per capita		4.07	4.25	4.07	4.03	3.95	3.54	3.33	3.23	3.36	3.10	-24	-12
Electronic Materials Expenditures													
Total	2,846,389	122,332	120,935	125,645	236,130	210,047	315,421	356,010	395,507	399,820	564,542	361	79
Per library		4,218	4,170	4,333	8,142	7,243	10,877	12,276	13,638	13,787	19,467		
per capita		0.24	0.23	0.23	0.40	0.37	0.55	0.63	0.69	0.69	0.95	300	72
LIBRARY PROGRAMS													
Total number of programs	93,637	6,272	7,732	8,080	7,348	7,970	8,233	9,342	11,419	13,001	14,240	127	73
Total Attendance	1,568,024	142,249	142,203	127,794	129,839	145,989	147,803	156,790	182,878	193,010	199,469	40	35
per capita		0.28	0.27	0.24	0.24	0.26	0.27	0.28	0.33	0.34	0.35	23	31

Table 1 (Continued) Summary Characteristics of Ontario Public Libraries, 2005-2014, Band 6
 (Resident population greater than 2,500 and fewer than 5,001)

		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	% change 2005-2014	% Change 2010-2014
# of libraries reporting		63	63	63	63	63	63	63	63	63	63		
	Totals for the decade												
POPULATION (Resident)													
Total		517,365	525,772	535,586	550,155	516,999	541,819	546,888	548,713	547,965	542,709	5	0
Per library		8,212	8,346	8,501	8,733	8,475	8,600	8,681	8,710	8,698	8,614		
Active Cardholders													
Total		265,540	256,596	255,174	251,993	232,632	247,796	239,942	228,476	235,305	227,800	-14	-8
Per library		4,215	4,073	4,050	4,000	3,814	3,933	3,809	3,627	3,735	3,616		
CIRCULATION													
Total	41,125,483	3,952,672	3,960,060	3,856,719	4,238,577	3,940,275	4,365,287	4,336,515	4,286,148	4,110,315	4,078,915	3	-7
Per library		62,741	62,858	61,218	67,279	64,595	69,290	68,834	68,034	65,243	64,745		
Circulation per capita		7.8	7.6	7.3	7.8	7.7	8.3	8.0	7.7	7.5	7.5	-4	-10
OPERATING EXPENDITURES in \$													
Total Operating Expenditures	206,084,914	16,150,920	18,184,227	19,355,982	19,264,502	20,340,948	21,360,492	21,651,815	22,595,857	23,124,856	24,055,315	49	13
Per library		256,364	288,639	307,238	305,786	322,872	339,055	343,680	358,664	367,061	381,830		
Expenditures per capita		31.74	35.04	36.59	35.10	36.96	40.15	39.79	41.35	42.32	44.25	39	10
General Materials Expenditures													
Total	21,193,394	2,001,520	2,389,977	2,399,945	2,153,799	2,239,447	2,251,871	1,948,411	1,888,022	1,964,243	1,956,159	-2	-13
Per library		31,770	37,936	38,094	34,187	35,547	35,744	30,927	30,452	31,178	31,050		
per capita		4.02	4.65	4.65	3.98	4.12	4.32	3.62	3.52	3.64	3.65	-9	-16
Electronic Materials Expenditures													
Total	2,290,952	76,686	80,462	62,312	161,507	201,934	235,815	327,925	362,146	378,930	403,235	426	71
Per library		1,217	1,277	989	2,564	3,205	3,743	5,205	5,748	6,015	6,401		
per capita		0.13	0.13	0.10	0.26	0.37	0.43	0.59	0.72	0.71	0.74	474	72
LIBRARY PROGRAMS													
Total number of programs	107,938	7,324	8,631	8,697	8,558	8,951	9,902	10,655	13,357	14,468	17,395	138	76
Total Attendance	1,738,763	114,558	130,018	135,769	146,673	143,324	253,435	178,252	197,942	205,581	233,211	104	-8
per capita		0.23	0.25	0.26	0.27	0.26	0.44	0.33	0.37	0.38	0.44	91	0

Table 1 (Continued) Summary Characteristics of Ontario Public Libraries, 2005-2014, Band 7
 (Resident population greater than 2,500 and fewer than 5,001)

		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	% change 2005-2014	% Change 2010-2014
# of libraries reporting		31	31	31	31	31	31	31	31	31	31		
	Totals for the decade												
POPULATION (Resident)													
Total		109,398	111,153	111,220	114,031	115,441	111,685	117,722	116,060	114,701	114,205	4	2
Per library		3,529	3,586	3,588	3,678	3,724	3,603	3,797	3,744	3,700	3,684		
Active Cardholders													
Total		49,426	52,513	53,520	55,130	54,674	56,947	59,267	56,564	58,507	56,475	14	-1
Per library		1,594	1,694	1,726	1,778	1,764	1,837	1,912	1,825	1,887	1,822		
CIRCULATION													
Total	7,762,033	710,201	721,124	723,522	764,032	935,191	769,351	787,212	782,122	770,653	798,625	12	4
Per library		22,910	23,262	23,339	24,646	30,167	24,818	25,394	25,230	24,860	25,762		
Circulation per capita		6.6	6.6	6.6		8.7	7.1	7.0	6.8	6.8	7.1	8	0
OPERATING EXPENDITURES in \$													
Total Operating Expenditures	47,459,572	3,903,270	4,186,603	4,383,577	4,471,271	4,689,186	5,143,076	5,303,165	4,910,655	5,046,264	5,422,505	39	5
Per library		125,912	135,052	141,406	144,235	151,264	165,906	171,070	158,408	162,783	174,920		
Expenditures per capita		34.66	36.58	38.60	38.64	40.39	46.04	46.26	42.29	43.82	47.43	37	3
General Materials Expenditures													
Total	4,882,235	428,009	529,050	518,235	527,792	548,005	553,958	461,167	458,318	433,712	423,989	-1	-23
Per library		13,807	17,066	16,717	17,026	17,678	17,870	14,876	14,784	13,991	13,677		
per capita		3.917	4.839	4.714	4.655	4.696	5.014	4.096	4.061	3.838	3.826	-2	-24
Electronic Materials Expenditures													
Total	418,094	5,529	7,022	6,646	12,395	52,342	96,952	42,777	60,584	65,887	67,960	1,129	-30
Per library		178	227	214	400	1,688	3,127	1,380	1,954	2,125	2,192		
per capita		0.04691	0.05795	0.0515	0.11007	0.45713	0.94452	0.39326	0.53471	0.5863	0.62844	1,240	-33
LIBRARY PROGRAMS													
Total number of programs	26,229	1,899	1,901	2,045	1,945	1,753	2,210	2,737	4,016	3,894	3,829	102	73
Total Attendance	346,132	27,895	29,913	30,225	28,343	30,029	33,243	36,567	43,984	42,350	43,583	56	31
per capita		0.27	0.29	0.28	0.26	0.28	0.32	0.34	0.42	0.39	0.40	46	26

Table 1 (Continued) Summary Characteristics of Ontario Public Libraries, 2005-2014, Band 8
 (Resident population greater than 2,500 and fewer than 5,001)

		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	% change 2005-2014	% Change 2010-2014
# of libraries reporting		71	71	71	71	71	71	71	71	71	71		
	Totals for the decade												
POPULATION (Resident)													
Total		90,351	90,468	92,426	91,977	90,931	87,931	87,979	88,357	87,653	86,209	-5	-2
Per library		1,273	1,274	1,302	1,295	1,281	1,238	1,239	1,244	1,235	1,214		
Active Cardholders													
Total		53,059	53,391	56,227	50,682	54,291	51,621	54,389	55,758	55,644	57,080	8	11
Per library		747	752	792	714	765	727	766	785	784	804		
CIRCULATION													
Total	8,821,425	985,958	931,620	907,167	889,427	896,814	913,420	1,047,896	804,005	739,619	705,499	-28	-23
Per library		13,887	13,121	12,777	12,527	12,631	12,865	14,759	11,324	10,417	9,937		
Circulation per capita		10.5	10.4	10.1	10.2	10.6	11.1	12.6	9.4	8.8	8.6	-18	-22
OPERATING EXPENDITURES in \$													
Total Operating Expenditures	52,622,139	4,164,661	4,613,537	5,790,022	4,763,305	5,357,516	5,817,816	5,903,368	5,293,078	5,362,309	5,556,527	33	-4
Per library		58,657	64,979	81,550	67,089	75,458	81,941	83,146	74,550	75,525	78,261		
Expenditures per capita		65.98	73.37	96.30	73.33	83.86	92.74	77.67	64.68	66.08	68.60	4	-26
General Materials Expenditures													
Total	6,164,470	551,288	648,085	724,561	576,549	803,883	878,509	533,364	482,250	489,180	476,801	-14	-46
Per library		7,765	9,128	10,205	8,120	11,322	12,373	7,512	6,889	7,090	6,716		
per capita		11.154	12.69	13.568	11.169	16.772	17.221	6.661	6.048	6.146	6.057	-46	-65
Electronic Materials Expenditures													
Total	1,636,502	26,057	32,604	53,001	53,994	108,685	144,298	256,139	302,655	339,740	319,329	1,126	121
Per library		367	459	746	760	1,531	2,032	3,608	4,263	4,785	4,498		
per capita		1.37	1.50	2.19	2.21	4.18	4.49	4.61	5.36	5.91	5.40	295	20
LIBRARY PROGRAMS													
Total number of programs	22,575	1,583	1,505	1,848	1,442	1,475	1,877	2,316	3,300	3,529	3,700	134	97
Total Attendance	360,173	26,202	28,632	32,685	31,147	28,420	36,548	39,218	43,570	45,330	48,421	85	32
per capita		0.27	0.29	0.37	0.39	0.36	0.43	0.46	0.52	0.55	0.53	101	23

Table 1 (Continued) Summary Characteristics of Ontario Public Libraries, 2005-2014, First Nations' Libraries

# of libraries reporting		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	% change	% Change	
		40	40	40	40	40	40	40	40	40	40	2005-2014	2010-2014	
	Totals for the decade													
	POPULATION (Resident)													
	Total	42,974	43,328	43,328	43,328	45,173	44,903	45,614	44,330	45,424	46,765	9	4	
	Per library	1,074	1,083	1,083	1,083	1,129	1,123	1,140	1,108	1,136	1,169			
	Active Cardholders													
	Total	12,507	14,328	13,364	13,364	15,380	13,618	13,919	12,611	14,051	16,364	31	20	
	Per library	313	358	334	334	385	340	348	315	351	409			
	CIRCULATION													
	Total	950,300	112,355	100,844	92,419	92,419	100,231	92,217	97,293	102,665	80,928	78,929	-30	-14
	Per library	2,809	2,521	2,310	2,310	2,506	2,305	2,432	2,567	2,023	1,973			
	Circulation per capita	7.4	7.6	7.6	7.6	6.9	5.7	5.2	5.3	5.1	4.9	-34	-14	
	OPERATING EXPENDITURES in \$													
	Total Operating Expenditures	22,152,694	1,713,097	2,343,924	2,129,273	2,073,523	2,287,522	2,348,020	2,118,682	2,301,369	2,709,793	2,127,491	24	-9
	Per library	42,827	58,598	53,232	51,838	57,188	58,701	52,967	57,534	67,745	53,187			
	Expenditures per capita	89.85	163.78	106.64	107.25	121.39	122.69	104.11	120.64	127.92	98.57	10	-20	
	General Materials Expenditures													
	Total	3,473,602	137,561	1,950,969	235,114	134,785	216,652	281,654	170,103	127,403	121,150	98,211	-29	-65
	Per library	3,439	48,774	5,878	3,370	5,416	7,041	4,860	4,110	3,274	2,455			
	per capita	6.66	450.45	14.96	8.66	18.93	22.46	8.77	7.16	5.98	3.99	-40	-82	
	Electronic Materials Expenditures													
	Total	152,941	8,410	11,498	10,747	11,231	33,200	29,369	15,019	9,714	12,910	10,843	29	-63
	Per library	210	287	269	281	830	734	375	243	323	271			
	per capita	0.09	0.18	0.65	0.35	2.20	1.21	1.29	0.25	0.65	0.47	407	-61	
	LIBRARY PROGRAMS													
	Total number of programs	32,934	2,053	2,137	2,355	2,360	2,431	3,548	4,024	4,696	5,062	4,268	108	20
	Total Attendance	428,617	30,905	31,935	37,007	34,373	34,014	51,924	53,306	61,501	47,005	46,647	51	-10
	per capita	2.04	1.96	2.21	2.13	2.20	2.89	2.91	4.33	2.98	2.24	10	-22	

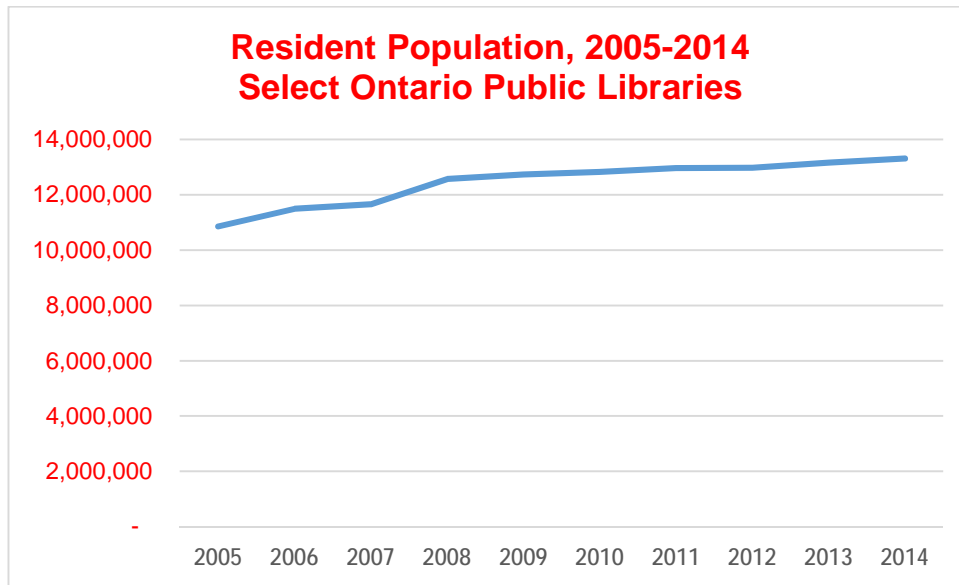
In 2006, the Ministry's data reported that Sheshegwaning had Total Operating Expenditures of \$1,881,740. Consider these Expenditure figures for Sheshegwaning for 2005-2007:

	Total Operating Expenditures	Gen. Materials Expenditures
2005	20,138	0
2006	1,881,740	1,707,222
2007	32,077	5,592

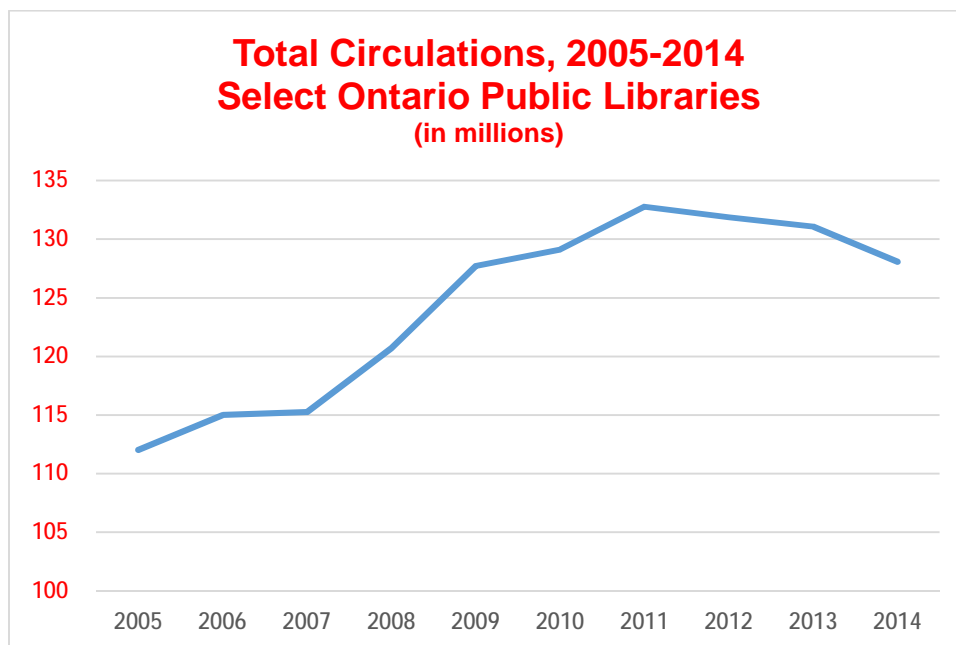
We took the average of the 2005 and 2007 figure (\$26,107.50). This is not a satisfactory solution for all of the expense variables but the problem is a difficult one to untangle because other expense figures are similarly very large. They are so large they affect the provincial summary data in a number of categories.

Charts Based on Table 1 Summary Data

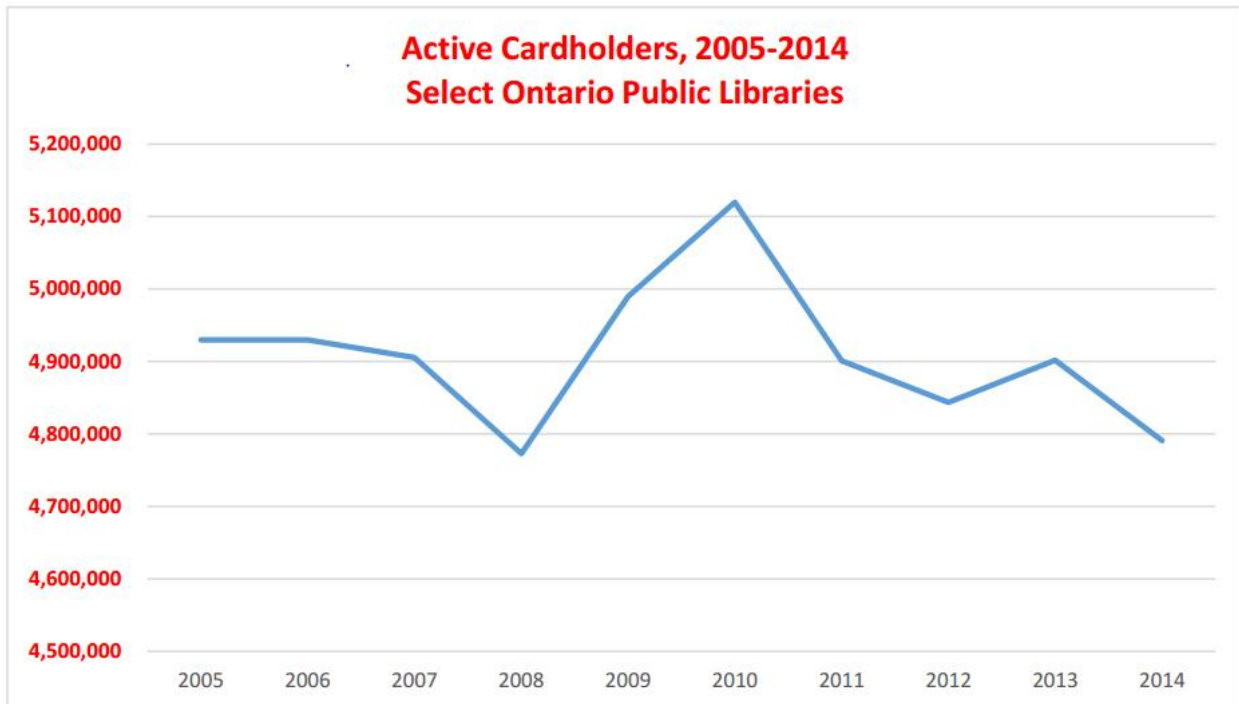
These are based on Table 1 and plot aspects of Ontario's public libraries based on summary data of all the 301 libraries. They give us another way to look at the data.



From Table 1, we can see that the resident population served by the 301 libraries increased over the decade. Annual total circulations, however, decreased in recent years:

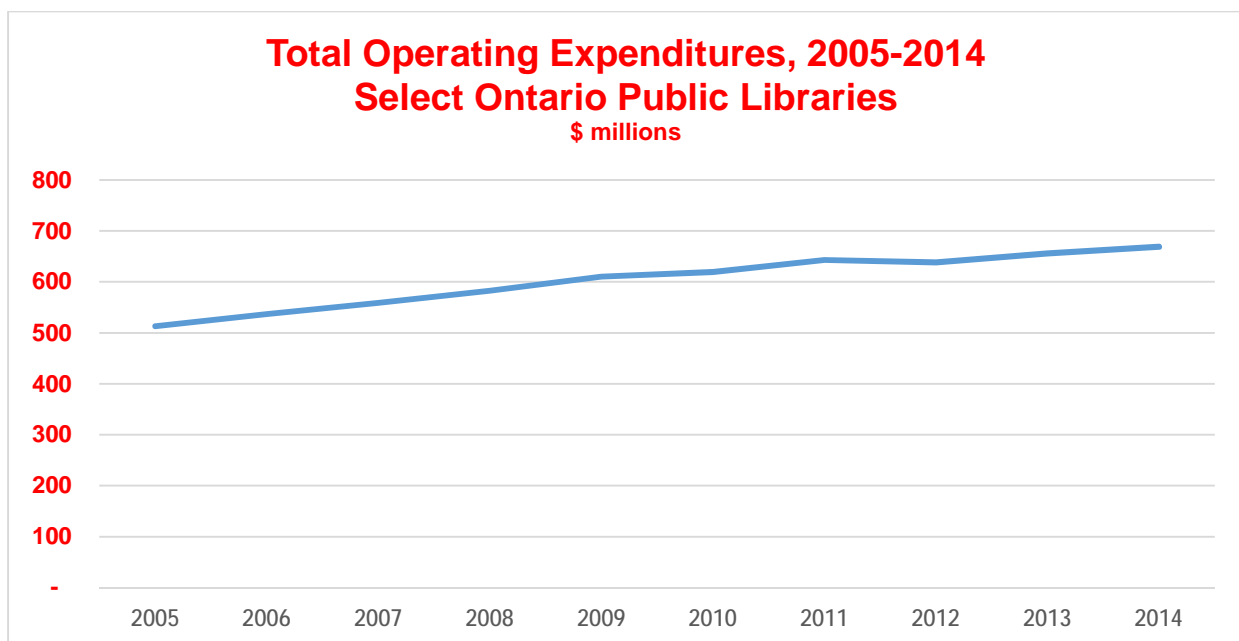


More people served and circulations are declining. What about the number of cardholders at those libraries?

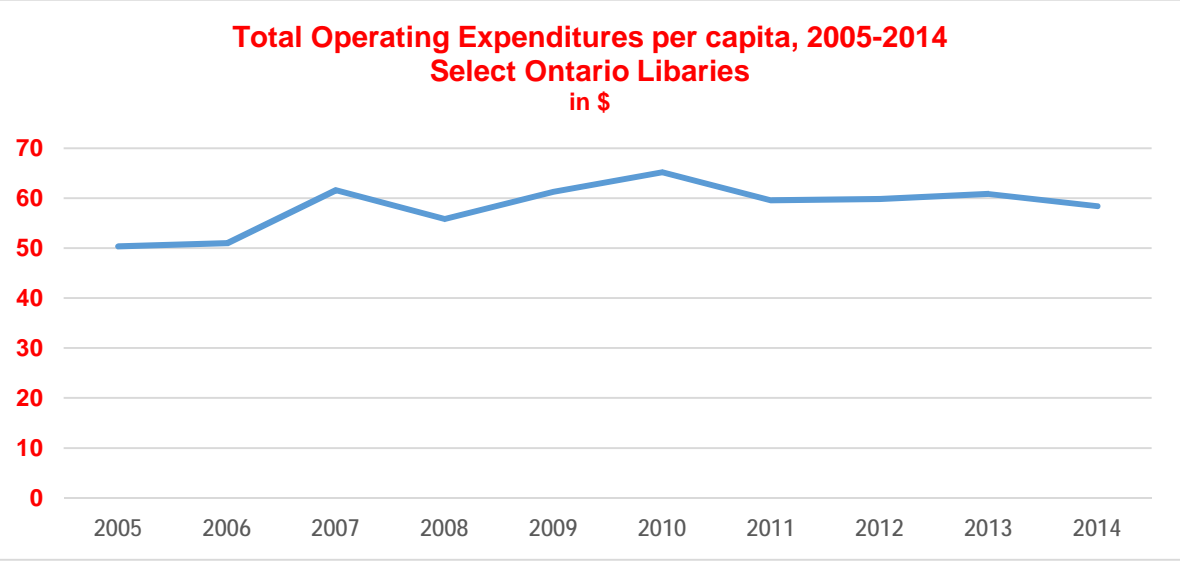


We have highlighted this decline in the two previous reports. This trend is worrying.

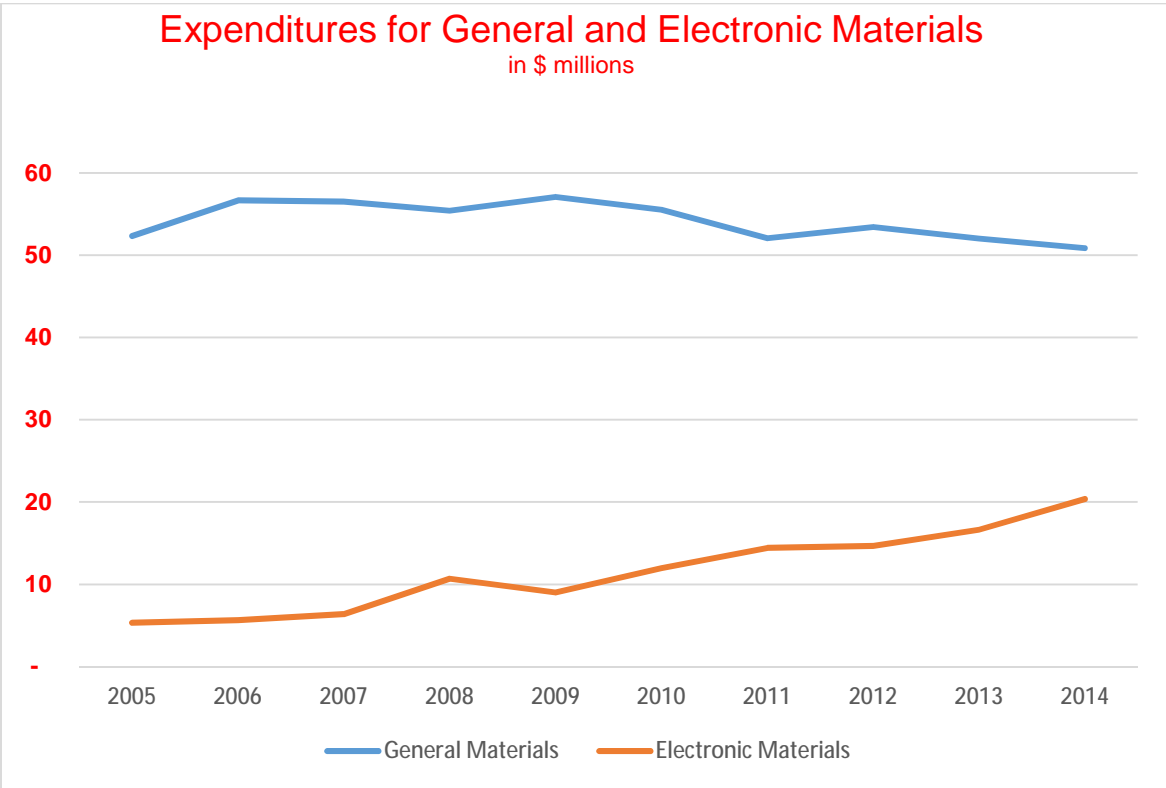
Total operating expenditures show a steady increase over the years.



These expenditures have not quite kept up with the increases in population as per capita expenditures peaked in 2010.



We should expect strain on library budgets shows in several areas. Let us look at a key one—Expenditures for materials, which are reported in two categories:



The reader will note from the Table that the General Materials Expenditures fell over the period (down 3%) but that Electronic Materials Expenditures increased substantially (up 74%.) As one might expect, the per capita figures indicate deep changes in library materials purchases.

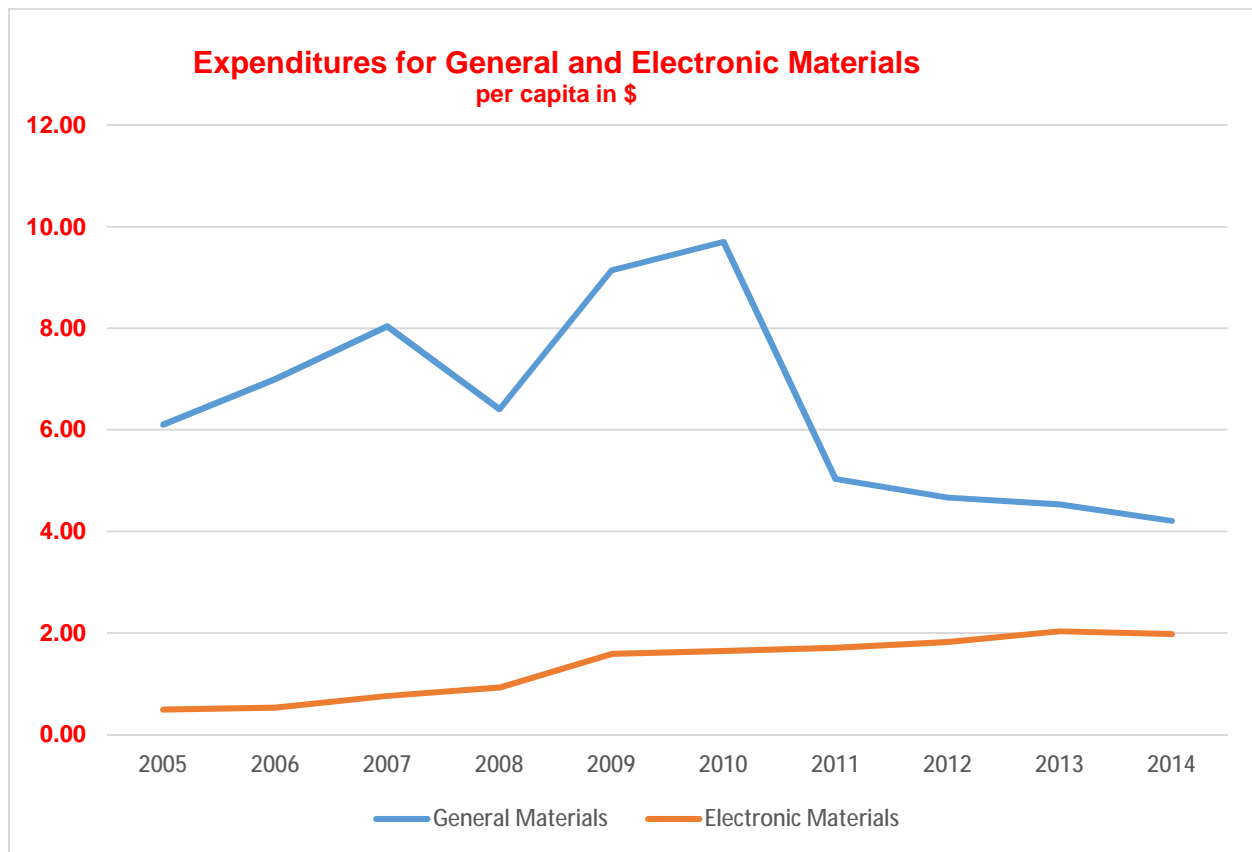
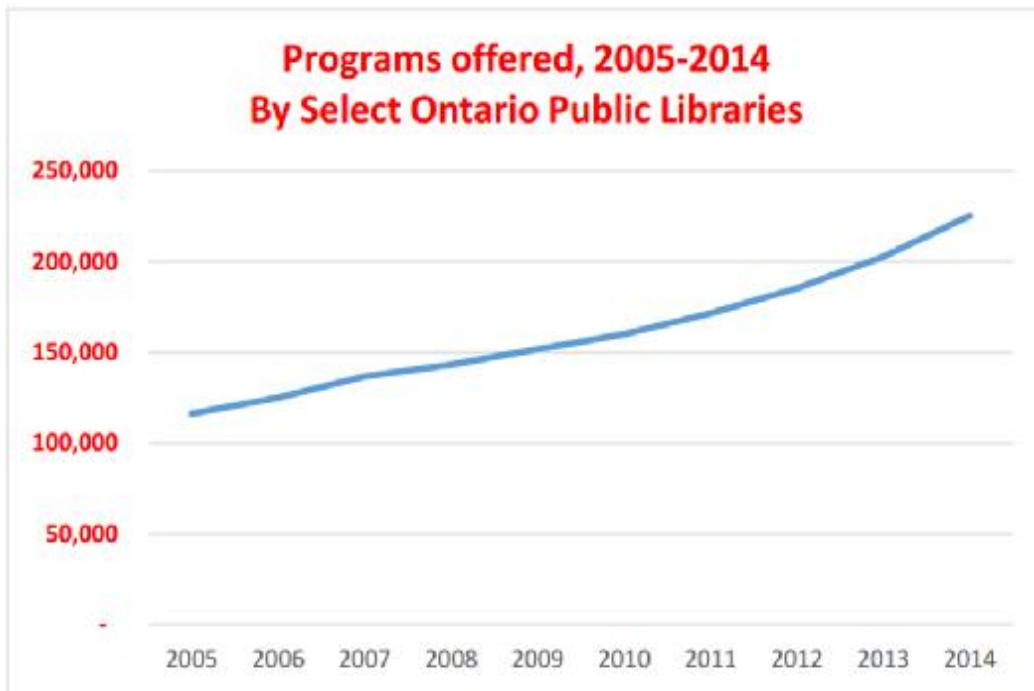
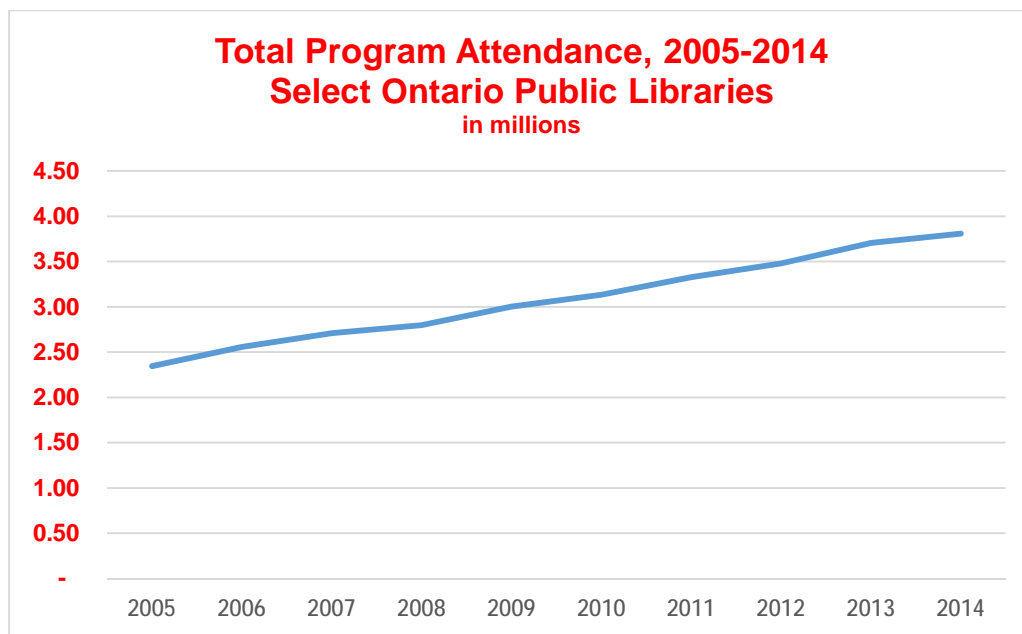


Table 1 shows that expenditures for general materials per capita are down 45% for the decade and while per capita electronic materials expenditures are up 75%, the total amounts spent on materials have declined.

As the information environment has changed, libraries have adapted in many ways. Good news can be found in the program data, which we have called attention to in earlier reports. First the number of programs offered has increased by almost 50% during the decade.



As we have noted, 1.6 million programs have been offered to Ontario’s citizens by the libraries, up 38% from 2005.



And 31 million of those citizens attended during the decade. We ask the reader to note in Table 1 that the per capita attendance peaked in 2012 and has declined since then.

Tables 2, 3, and 4

Table 1 gives us summary data for all libraries and for the bands. The next two tables look at a few variables for all bands to allow examining how libraries of different sizes have responded to the information environment and their users' requirements.

Table 2 presents two variables: one is Collection Expenditures which is the sum of General and Electronic Materials Expenditures and the second is the percentage by year and band this amount of money is of the Total Operating Expenditures. We have seen above that Collection Expenditures have fallen overall but what is going on within the various bands? We get a bit different picture in Table 2 as we look beneath the summary data. Generally, the smaller libraries have been hit with varying severity. Note particularly the First Nation's libraries and their experience.

Table 3 presents data by bands and years related to programming. Programs are one of the bright stories in these data and they seem worthy of a focused look. The figures for the First Nations' libraries stand out, particularly the per capita attendance. These figures—even with the decline shown in program attendance per capita since 2010—are quite remarkable and bespeak an active commitment to this function in those libraries.

Table 4 is Key Ratios—eleven ratios calculated for each of the 311 libraries reporting in 2014. The last two lines have the average of these ratios. The average is the arithmetic mean of the libraries' ratios.

Table 2: Collection Expenditures and Collection Expenditures as a percent of Total Operating Expenditures, by Band, 2005-2014

	Totals for the decade	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	% change 2005-2014	% Change 2010-2014
ALL	# reporting==>	301	301	301	301	301	301	301	301	301	301		
Collection Expenditures	657,396,082	57,676,894	62,347,835	62,919,347	66,159,027	66,159,358	67,536,487	66,500,374	68,100,758	68,724,076	71,271,926	24	6
Collection Expenditures %		11.23	11.61	11.25	11.34	10.83	10.91	10.34	10.67	10.48	10.65	-5	-2
Band 1	# reporting==>	8	8	8	8	8	8	8	8	8	8		
Collection Expenditures	347,596,205	31,538,910	31,748,840	32,929,880	34,158,413	34,869,430	35,890,019	34,865,097	37,381,949	36,113,439	38,100,228	21	6
Collection Expenditures %		10.68	10.54	10.57	10.48	10.25	10.63	9.90	10.94	10.32	10.70	0	1
Band 2	# reporting==>	20	20	20	20	20	20	20	20	20	20		
Collection Expenditures	149,042,499	12,768,459	13,824,486	14,386,674	14,744,127	14,747,702	14,747,208	16,025,979	15,365,919	15,999,497	16,432,448	29	11
Collection Expenditures %		12.50	12.61	12.50	12.26	11.68	11.29	11.86	11.24	11.46	11.64	-7	3
Band 3	# reporting==>	21	21	21	21	21	21	21	21	21	21		
Collection Expenditures	68,573,702	5,484,328	6,041,890	6,628,604	8,378,304	6,883,613	7,209,223	6,663,385	6,388,350	7,442,801	7,453,204	36	3
Collection Expenditures %		11.22	11.88	12.05	14.69	11.38	11.55	10.34	9.65	10.79	10.28	-8	-11
Band 4	# reporting==>	18	18	18	18	18	18	18	18	18	18		
Collection Expenditures	29,126,725	2,549,747	2,789,873	2,694,248	2,820,050	3,098,307	2,932,596	2,954,796	3,049,198	3,059,502	3,178,408	25	8
Collection Expenditures %		10.90	11.15	10.24	9.85	10.65	9.51	9.02	8.94	8.50	8.85	-19	-7
Band 5	# reporting==>	29	29	29	29	29	29	29	29	29	29		
Collection Expenditures	22,844,761	2,100,390	2,293,079	2,269,380	2,426,081	2,356,158	2,285,015	2,236,212	2,224,250	2,303,085	2,351,111	12	3
Collection Expenditures %		11.79	12.00	11.37	11.56	10.52	9.92	9.42	9.18	9.17	9.02	-23	-9
Band 6	# reporting==>	63	63	63	63	63	63	63	63	63	63		
Collection Expenditures	23,484,346	2,078,206	2,470,439	2,462,257	2,315,306	2,441,381	2,487,686	2,276,336	2,250,168	2,343,173	2,359,394	14	-5
Collection Expenditures %		12.87	13.59	12.72	12.02	12.00	11.65	10.51	9.96	10.13	9.81	-24	-16
Band 7	# reporting==>	31	31	31	31	31	31	31	31	31	31		
Collection Expenditures	5,300,329	433,538	536,072	524,881	540,187	600,347	650,910	503,944	518,902	499,599	491,949	13	-24
Collection Expenditures %		11.11	12.80	11.97	12.08	12.80	12.66	9.50	10.57	9.90	9.07	-18	-28
Band 8	# reporting==>	71	71	71	71	71	71	71	71	71	71		
Collection Expenditures	7,800,972	577,345	680,689	777,562	630,543	912,568	1,022,807	789,503	784,905	828,920	796,130	38	-22
Collection Expenditures %		13.86	14.75	13.43	13.24	17.03	17.58	13.37	14.83	15.46	14.33	3	-19
First Nations	# reporting==>	40	40	40	40	40	40	40	40	40	40		
Collection Expenditures	3,626,543	145,971	1,962,467	245,861	146,016	249,852	311,023	185,122	137,117	134,060	109,054	-25	-65
Collection Expenditures %		8.52	46.73	11.55	7.04	10.92	13.25	8.74	5.96	4.95	5.13	-40	-61

This figure is affected by those errant values in one library in 2006.

Table 3: Programs Offered and Program Attendance, by Bands, 2005-2014

Summary data for all libraries

Year	Totals for the decade	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	% change 2005-2014	% Change 2010-2014
# of libraries reporting		301	301	301	301	301	301	301	301	301	301		
Total number of programs	1,617,777	116,243	125,093	136,758	143,282	151,643	160,013	171,472	185,259	202,744	225,270	94	41
Total Attendance	30,896,063	2,347,591	2,559,978	2,712,490	2,801,258	3,004,219	3,137,233	3,329,611	3,483,149	3,709,597	3,810,937	62	21
per capita		0.48	0.49	0.54	0.53	0.54	0.69	0.66	0.90	0.72	0.66	36	-4

Summary data by Bands

Band 1

(Resident population greater than 250,000)

Year		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	% change 2005-2014	% Change 2010-2014
# of libraries reporting		8	8	8	8	8	8	8	8	8	8		
Total number of programs	712,327	51,952	54,609	61,064	66,814	73,367	71,535	77,910	78,398	86,054	90,624	74	27
Total Attendance	15,219,236	1,127,459	1,241,456	1,349,084	1,437,647	1,531,526	1,525,699	1,703,602	1,694,987	1,806,287	1,801,489	60	18
per capita		0.25	0.26	0.26	0.23	0.24	0.23	0.26	0.27	0.29	0.28	10	20

Band 2

(Resident population greater than 100,000 and fewer than 250,001)

Year		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	% change 2005-2014	% Change 2010-2014
# of libraries reporting		20	20	20	20	20	20	20	20	20	20		
Total number of programs	316,156	23,826	26,431	28,198	25,446	29,112	33,107	32,364	37,012	38,995	41,665	75	26
Total Attendance	6,277,062	508,201	548,932	565,352	573,188	612,806	589,140	643,110	705,133	772,560	758,640	49	29
per capita		0.20	0.21	0.21	0.20	0.21	0.21	0.22	0.24	0.26	0.26	26	25

Band 3

(Resident population greater than 50,000 and fewer than 100,001)

Year		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	% change 2005-2014	% Change 2010-2014
# of libraries reporting		21	21	21	21	21	21	21	21	21	21		
Total number of programs	186,230	13,980	13,587	14,004	18,404	15,380	17,972	20,088	21,022	24,192	27,601	97	54
Total Attendance	2,925,122	226,368	245,879	254,016	235,098	286,458	297,318	310,885	329,201	351,246	388,653	72	31
per capita		0.17	0.18	0.18	0.17	0.19	0.20	0.21	0.30	0.23	0.25	44	26

Band 4

(Resident population greater than 30,000 and fewer than 50,001)

Year		2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	% change 2005-2014	% Change 2010-2014
# of libraries reporting		18	18	18	18	18	18	18	18	18	18		
Total number of programs	120,119	7,354	8,560	10,467	10,965	11,204	11,629	12,036	12,039	13,917	21,948	198	89
Total Attendance	2,038,169	143,754	161,010	180,558	184,950	191,653	202,123	207,881	223,953	251,463	290,824	102	44
per capita		0.25	0.28	0.30	0.29	0.29	0.31	0.32	0.34	0.38	0.42	68	37

Table 3 (Continued): Programs Offered and Program Attendance, by Bands, 2005-2014

Band 5

(Resident population greater than 15,000 and fewer than 30,001)

Year	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	% change 2005-2014	% Change 2010-2014	
# of libraries reporting	29	29	29	29	29	29	29	29	29	29	29	29	
Total number of programs	93,637	6,272	7,732	8,080	7,348	7,970	8,233	9,342	11,419	13,001	14,240	127	73
Total Attendance	1,568,024	142,249	142,203	127,794	129,839	145,989	147,803	156,790	182,878	193,010	199,469	40	35
per capita	0.28	0.27	0.24	0.24	0.26	0.27	0.28	0.33	0.34	0.35	23	31	

Band 6

(Resident population greater than 5,000 and fewer than 15,001)

Year	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	% change 2005-2014	% Change 2010-2014	
# of libraries reporting	63	63	63	63	63	63	63	63	63	63	63	63	
Total number of programs	107,938	7,324	8,631	8,697	8,558	8,951	9,902	10,655	13,357	14,468	17,395	138	76
Total Attendance	1,738,763	114,558	130,018	135,769	146,673	143,324	253,435	178,252	197,942	205,581	233,211	104	-8
per capita	0.23	0.25	0.26	0.27	0.26	0.44	0.33	0.37	0.38	0.44	91	0	

Band 7

(Resident population greater than 2,500 and fewer than 5,001)

Year	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	% change 2005-2014	% Change 2010-2014	
# of libraries reporting	31	31	31	31	31	31	31	31	31	31	31	31	
Total number of programs	26,229	1,899	1,901	2,045	1,945	1,753	2,210	2,737	4,016	3,894	3,829	102	73
Total Attendance	346,132	27,895	29,913	30,225	28,343	30,029	33,243	36,567	43,984	42,350	43,583	56	31
per capita	0.27	0.29	0.28	0.26	0.28	0.32	0.34	0.42	0.39	0.40	46	26	

Band 8

(Resident population fewer than 2,501)

Year	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	% change 2005-2014	% Change 2010-2014	
# of libraries reporting	71	71	71	71	71	71	71	71	71	71	71	71	
Total number of programs	22,575	1,583	1,505	1,848	1,475	1,877	2,316	3,300	3,529	3,700	134	97	
Total Attendance	360,173	26,202	28,632	32,685	31,147	28,420	36,548	39,218	43,570	45,330	48,421	85	32
per capita	0.27	0.29	0.37	0.39	0.36	0.43	0.46	0.52	0.55	0.53	101	23	

First Nations' Libraries

Year	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	% change 2005-2014	% Change 2010-2014	
# of libraries reporting	40	40	40	40	40	40	40	40	40	40	40	40	
Total number of programs	32,934	2,053	2,137	2,355	2,360	2,431	3,548	4,024	4,696	5,062	4,268	108	20
Total Attendance	428,617	30,905	31,935	37,007	34,373	34,014	51,924	53,306	61,501	47,005	46,647	51	-10
per capita	2.04	1.96	2.21	2.13	2.20	2.89	2.91	4.33	2.98	2.24	10	-22	

Table 4: Key Ratios for Ontario Public Libraries, 2014

Library Number	Band	OLS Region	Library Name	City	Circs per capita	Circs per cardholder	Cardholders as a % of Population	Total Operating Expenditures per capita \$	Total Operating Expenditures per cardholder \$	General Materials Expenditures per capita \$	Electronic Materials Expenditures per capita \$	Program Attendance per capita	Program Attendance per cardholder	Programs Offered per capita	Programs Offered per cardholder
1	L0002	7	SOLS Admaston/Bromley Twp	Douglas	3.33	19.30	17.25	9.05	52.44	1.16	0.29	0.06	0.34	0.00	0.02
2	L0004	6	SOLS Alfred & Plantagenet Twp	Lefaire	4.98	27.89	17.85	46.46	260.35	5.13	0.00	0.11	0.61	0.01	0.05
3	L0005	8	SOLS Addington Highlands Twp	Flinton	4.52	9.46	47.81	53.46	111.80	6.33	0.00	0.12	0.26	0.02	0.03
4	L0010	6	SOLS Augusta Twp	Brockville	2.72	8.99	30.26	13.61	45.00	2.17	0.39	0.10	0.33	0.00	0.00
5	L0011	7	OLS-N Atikokan	Atikokan	10.04	16.69	60.17	84.96	141.20	11.32	1.65	1.09	1.81	0.06	0.10
6	L0013	8	OLS-N Armstrong Twp	Earlton	4.58	17.84	25.66	39.20	152.76	3.20	0.88	0.03	0.13	0.00	0.01
7	L0014	6	SOLS Arnprior	Arnprior	13.05	21.58	60.46	50.80	84.01	4.36	0.28	0.91	1.51	0.05	0.09
8	L0016	7	SOLS Asphodel-Norwood	Norwood	1.96	8.68	22.54	66.96	297.04	2.92	0.39	0.24	1.05	0.04	0.18
9	L0017	8	OLS-N Assignack Twp	Manitoulin Island	15.32	17.49	87.60	42.39	48.38	2.56	1.28	0.58	0.66	0.01	0.01
10	L0018	7	SOLS Athens Twp	Athens	1.99	27.82	7.16	15.13	211.40	2.02	0.42	0.22	3.12	0.03	0.37
11	L0019	3	SOLS Newmarket	Newmarket	5.46	20.03	27.25	37.48	137.53	2.40	1.01	0.17	0.64	0.02	0.07
12	L0020	8	OLS-N Mattice-Val Cote Twp	Mattice	7.80	12.37	63.06	99.57	157.90	13.86	1.31	0.61	0.96	0.08	0.13
13	L0021	8	OLS-N Temagami	Temagami	14.31	19.14	74.76	76.08	101.77	11.83	0.93	0.26	0.35	0.04	0.05
14	L0022	6	SOLS Midland	Midland	14.72	15.95	92.30	95.36	103.32	6.30	0.99	0.37	0.40	0.02	0.02
15	L0023	4	SOLS Orillia	Orillia	10.30	22.76	45.27	67.91	150.02	3.66	1.60	0.68	1.50	0.02	0.05
16	L0024	5	SOLS Port Colborne	Port Colborne	9.37	18.42	50.88	40.63	79.86	2.28	1.26	0.35	0.68	0.03	0.05
17	L0025	2	SOLS St. Catharines	St. Catharines	8.07	17.54	45.98	41.79	90.89	5.40	1.90	0.13	0.29	0.01	0.02
18	L0027	2	SOLS Whitby	Whitby	11.94	29.22	40.88	43.31	105.96	2.50	2.20	0.24	0.58	0.01	0.03
19	L0031	6	OLS-N Sioux Lookout	Sioux Lookout	7.73	14.61	52.92	80.74	152.57	5.04	1.73	0.67	1.26	0.05	0.10
20	L0032	2	SOLS Ajax	Ajax	6.82	24.02	28.41	34.84	122.67	2.55	1.61	0.29	1.02	0.01	0.05
21	L0033	3	SOLS Aurora	Aurora	11.42	22.51	50.74	64.49	127.11	5.30	1.21	0.24	0.46	0.01	0.02
22	L0037	2	SOLS Burlington	Burlington	11.44	31.54	36.28	60.19	165.90	4.41	1.60	0.30	0.84	0.01	0.04
23	L0038	6	SOLS Brock Twp	Beaverton	3.80	15.04	25.26	50.70	200.66	3.61	1.90	0.30	1.20	0.05	0.19
24	L0039	3	SOLS Brantford	Brantford	7.16	24.84	28.84	48.13	166.89	4.85	1.11	0.19	0.65	0.01	0.03
25	L0040	4	SOLS Brant County	Paris	9.65	21.46	44.96	56.24	125.09	5.45	2.00	0.69	1.53	0.15	0.33
26	L0041	1	SOLS Brampton	Brampton	8.96	33.75	26.54	27.02	101.79	1.38	1.39	0.13	0.48	0.01	0.02
27	L0043	2	SOLS Barrie	Barrie	11.22	31.12	36.05	50.32	139.55	4.16	2.74	0.16	0.44	0.01	0.02
28	L0044	8	OLS-N Bruce Mines & Plummer Additional Union	Bruce Mines	11.17	23.05	48.44	84.37	174.19	8.13	0.90	2.20	4.54	0.24	0.50
29	L0045	6	SOLS Cavan Monaghan Public Library Board, Township	Millbrook	6.07	14.49	41.88	32.46	77.52	2.67	0.92	0.34	0.81	0.05	0.11
30	L0046	8	OLS-N Connee Twp	Kakabeka Falls	1.11	7.57	14.66	3.66	24.98	1.16	0.59	0.16	1.12	0.01	0.04
31	L0047	4	SOLS Cornwall	Cornwall	5.69	20.02	28.42	46.35	163.08	3.00	1.10	0.23	0.81	0.02	0.06
32	L0048	6	SOLS Carleton Place	Carleton Place	11.87	19.80	59.96	38.81	64.73	4.16	0.80	0.36	0.60	0.02	0.03
33	L0049	3	SOLS Caledon	Caledon East	5.69	24.28	23.45	45.39	193.58	3.76	2.33	0.21	0.90	0.02	0.08
34	L0050	8	OLS-N Dorion Twp	Dorion	14.71	16.89	87.06	97.92	112.48	8.82	1.47	0.72	0.83	0.02	0.02
35	L0051	7	OLS-N Deep River	Deep River	15.84	23.06	68.71	93.85	136.59	12.09	0.35	0.70	1.01	0.03	0.04
36	L0052	6	OLS-N Espanola	Espanola	9.20	9.14	100.63	60.60	60.22	5.72	1.45	0.21	0.21	0.02	0.02
37	L0054	8	OLS-N Englehart	Englehart	12.98	9.18	141.37	74.99	53.04	6.74	0.00	1.12	0.80	0.03	0.02
38	L0055	8	OLS-N Fauquier-Strickland Twp	Fauquier	13.88	15.21	91.24	114.13	125.09	3.34	0.00	0.35	0.39	0.02	0.03
39	L0058	7	SOLS Havelock-Belmont-Methuen Twp	Havelock	6.12	14.13	43.29	32.34	74.70	3.85	0.57	0.08	0.18	0.00	0.00
40	L0059	6	SOLS Hawkesbury	Hawkesbury	5.26	8.15	64.51	45.30	70.21	2.66	0.34	0.22	0.35	0.01	0.02
41	L0062	7	SOLS Bancroft Town	Bancroft	6.67	8.03	83.06	38.50	46.35	2.86	0.16	0.11	0.13	0.02	0.02
42	L0065	6	SOLS The Blue Mountains	Thornbury	12.71	22.05	57.63	83.11	144.20	0.59	1.74	1.42	2.46	0.05	0.09
43	L0066	5	SOLS Collingwood	Collingwood	12.39	25.95	47.75	73.47	153.87	3.55	0.73	0.28	0.60	0.02	0.05
44	L0070	6	SOLS Bracebridge	Bracebridge	8.75	15.41	56.78	60.49	106.53	4.14	2.18	0.32	0.56	0.02	0.04
45	L0071	6	SOLS Pembroke	Pembroke	13.17	25.91	50.82	51.70	101.72	5.67	1.15	0.77	1.51	0.06	0.12
46	L0072	4	SOLS Georgina	Keswick	5.33	17.66	30.20	42.58	141.00	2.84	0.60	0.34	1.11	0.06	0.20
47	L0073	8	SOLS Town of Grand Valley Public Library Board	Grand Valley	22.22	25.10	88.51	104.63	118.21	14.45	5.55	1.02	1.15	0.10	0.11
48	L0074	5	SOLS Orangeville	Orangeville	5.94	22.05	26.93	55.59	206.41	4.90	1.17	0.20	0.75	0.01	0.04
49	L0075	6	SOLS Shelburne	Shelburne	11.77	12.73	92.49	49.03	53.01	7.42	0.48	0.73	0.78	0.06	0.07
50	L0080	6	SOLS Bonnechere Union	Eganville	4.74	8.31	57.11	44.90	78.62	0.88	0.62	0.53	0.93	0.01	0.01
51	L0081	4	SOLS Belleville	Belleville	7.59	17.99	42.17	41.08	97.40	2.07	1.53	0.34	0.80	0.01	0.03
52	L0082	8	OLS-N Billings Twp	Kagawong	6.55	9.17	71.43	66.71	93.40	17.47	0.99	0.01	0.02	0.00	0.00

Table 4 (Continued): Key Ratios for Ontario Public Libraries, 2014

53	L0083	8	OLS-N	Black River-Matheson Twp	Matheson	4.10	13.99	29.29	31.63	107.99	3.76	0.60	0.08	0.26	0.01	0.04
54	L0084	8	OLS-N	Bonfield	Bonfield	5.28	23.49	22.47	36.51	162.50	7.21	0.00	0.14	0.62	0.00	0.02
55	L0086	4	SOLS	Bradford West Gwillimbury Town	Bradford	8.07	12.33	65.46	61.85	94.49	4.62	1.08	0.78	1.19	0.04	0.07
56	L0088	5	SOLS	Brockville	Brockville	8.98	23.62	38.00	37.51	98.71	3.16	0.77	0.35	0.93	0.03	0.08
57	L0089	3	SOLS	Bruce County	Town of Saugueen Shores	7.92	20.06	39.47	55.12	139.63	5.51	0.45	0.25	0.63	0.03	0.07
58	L0090	7	OLS-N	Burk's Falls, Armour & Ryerson Union	Burk's Falls	7.00	13.44	52.10	52.08	99.96	3.02	0.50	0.31	0.60	0.01	0.02
59	L0091	6	SOLS	Bibliothèque Publique du Canton de la Nation	St-Isidore	3.75	11.57	32.43	34.12	105.21	4.11	0.00	0.06	0.18	0.00	0.01
60	L0095	6	OLS-N	Parry Sound	Parry Sound	8.78	12.80	68.55	47.30	68.99	3.45	0.45	0.89	1.30	0.03	0.04
61	L0098	8	OLS-N	Emo Twp	Emo	17.14	11.92	143.84	67.80	47.14	4.70	1.36	0.06	0.04	0.00	0.00
62	L0099	1	SOLS	Markham	Markham	12.78	20.00	63.88	40.38	63.22	7.09	1.38	0.31	0.48	0.02	0.03
63	L0102	8	OLS-N	Cobalt Twp	Cobalt	8.36	7.60	109.89	52.07	47.39	5.72	4.83	0.05	0.05	0.00	0.00
64	L0104	2	SOLS	Cambridge	Cambridge	8.57	28.48	30.08	42.31	140.65	2.79	1.46	0.33	1.08	0.01	0.04
65	L0106	8	SOLS	Carlow/Mayo Public Library	Bancroft	2.96	6.29	47.04	21.33	45.34	2.51	0.72	0.05	0.11	0.02	0.04
66	L0107	7	SOLS	Casselton	Casselton	6.46	10.03	64.45	61.70	95.74	3.15	4.72	0.11	0.17	0.00	0.01
67	L0108	6	SOLS	Champlain Twp	Vankleek Hill	4.01	20.27	19.79	24.10	121.78	5.81	0.21	0.25	1.24	0.00	0.01
68	L0109	8	OLS-N	Central Manitoulin Twp	Mindemoya	8.10	5.52	146.83	51.96	35.39	5.03	0.24	0.43	0.29	0.00	0.00
69	L0110	7	SOLS	Centre Hastings	Madoc	4.73	7.70	61.41	26.54	43.21	1.41	0.12	0.21	0.35	0.01	0.01
70	L0112	8	OLS-N	Chapleau Twp	Chapleau	2.66	8.29	32.04	56.11	175.10	4.34	0.38	0.04	0.11	0.00	0.01
71	L0113	3	SOLS	Clarington, Municipality of	Bowmanville	7.41	14.81	50.06	34.29	68.49	2.83	0.78	0.19	0.39	0.01	0.02
72	L0115	6	SOLS	Clearview Twp	Stayner	14.56	22.21	65.58	59.69	91.01	5.81	0.00	1.62	2.47	0.15	0.22
73	L0116	5	SOLS	Cobourg	Cobourg	9.42	15.99	58.94	66.62	113.03	3.95	2.03	0.29	0.50	0.01	0.02
74	L0117	6	OLS-N	Cochrane Public Library Board	Cochrane	6.72	17.35	38.75	75.84	195.73	5.16	0.38	0.70	1.80	0.06	0.14
75	L0119	6	SOLS	Cramahe Twp	Colborne	9.75	22.30	43.73	40.59	92.80	7.07	0.83	0.41	0.95	0.05	0.11
76	L0120	5	SOLS	Clarence-Rockland	Rockland	2.09	11.05	18.94	25.27	133.40	1.81	0.00	0.22	1.16	0.01	0.05
77	L0121	2	SOLS	Chatham-Kent	Chatham	7.45	33.74	22.08	40.10	181.60	3.52	2.59	0.28	1.26	0.03	0.15
78	L0122	6	OLS-N	Kapuskasing	Kapuskasing	4.23	10.79	39.25	27.31	69.58	4.90	0.13	0.03	0.07	0.00	0.01
79	L0123	8	OLS-N	Kearney & Area	Kearney	7.81	14.83	52.68	41.17	78.16	5.39	3.45	0.56	1.06	0.03	0.07
80	L0125	5	SOLS	King Twp	King City	7.51	17.61	42.64	69.90	163.92	3.26	2.45	0.69	1.61	0.04	0.10
81	L0126	6	OLS-N	Kirkland Lake	Kirkland Lake	5.31	10.74	49.43	33.30	67.38	2.60	0.42	0.19	0.39	0.03	0.07
82	L0127	2	SOLS	Kitchener	Kitchener	11.15	28.14	39.62	45.81	115.62	2.93	2.41	0.28	0.70	0.01	0.03
83	L0131	8	OLS-N	Rainy River	Rainy River	25.65	26.16	98.06	107.80	109.94	11.04	1.93	0.42	0.43	0.03	0.04
84	L0134	8	OLS-N	Mattawa	Mattawa	17.27	19.01	90.82	51.16	56.33	0.02	0.24	3.27	3.60	0.20	0.22
85	L0136	6	SOLS	Douro-Dummer Twp	Douro	1.07	15.52	6.88	14.34	208.62	1.97	0.28	0.15	2.20	0.01	0.12
86	L0138	6	OLS-N	Dryden	Dryden	11.41	27.44	41.58	56.36	135.54	5.84	1.02	0.37	0.88	0.02	0.04
87	L0144	8	OLS-N	Ear Falls Twp	Ear Falls	3.67	7.44	49.32	115.42	234.02	7.31	0.78	0.27	0.54	0.08	0.16
88	L0145	7	OLS-N	East Ferris	Astorville	4.23	15.24	27.74	22.77	82.08	2.52	0.22	0.06	0.23	0.01	0.04
89	L0147	5	SOLS	East Gwillimbury	Holland Landing	4.91	20.38	24.11	57.49	238.48	3.09	1.55	0.36	1.51	0.03	0.13
90	L0148	4	SOLS	Whitchurch-Stouffville	Stouffville	6.02	10.84	55.51	39.88	71.84	3.13	1.67	0.56	1.01	0.03	0.05
91	L0151	4	SOLS	Elgin County	St. Thomas	5.15	23.35	22.04	52.17	236.73	3.74	1.73	0.43	1.97	0.03	0.15
92	L0152	6	OLS-N	Elliot Lake	Elliot Lake	4.80	14.08	34.13	45.09	132.14	6.26	1.11	0.06	0.17	0.00	0.01
93	L0153	2	SOLS	Essex County	Essex	5.46	31.61	17.26	28.04	162.46	2.43	1.90	0.09	0.49	0.01	0.04
94	L0156	5	SOLS	Fort Erie	Fort Erie	6.16	17.67	34.86	48.04	137.80	2.36	1.54	0.28	0.80	0.02	0.07
95	L0157	6	OLS-N	Fort Frances	Fort Frances	12.36	27.18	45.49	75.64	166.29	6.46	2.20	1.39	3.06	0.09	0.19
96	L0159	6	SOLS	Trent Lakes	Buckhorn	5.72	10.86	52.62	34.89	66.31	2.22	0.78	0.29	0.56	0.03	0.06
97	L0160	6	SOLS	Gananoque	Gananoque	5.78	14.88	38.83	33.86	87.19	3.39	0.34	0.18	0.48	0.01	0.04
98	L0162	8	SOLS	Georgian Bay Twp	Honey Harbour	12.40	16.97	73.08	84.46	115.57	7.37	3.59	1.10	1.51	0.08	0.10
99	L0165	6	OLS-N	Oliver Paipouge	Murillo	3.80	19.51	19.49	18.78	96.38	3.01	0.27	0.34	1.75	0.02	0.11
100	L0168	6	SOLS	Gravenhurst Public Library	Gravenhurst	8.29	19.93	41.60	56.77	136.47	3.48	1.26	0.67	1.62	0.02	0.05
101	L0169	5	SOLS	Grimsby	Grimsby	8.60	28.07	30.62	50.30	164.28	3.87	1.40	0.38	1.24	0.03	0.09
102	L0171	5	SOLS	Haliburton County	Haliburton	8.93	23.73	37.65	53.36	141.72	5.78	0.58	0.31	0.82	0.02	0.05
103	L0174	6	SOLS	Hanover	Hanover	10.47	36.88	28.38	81.38	286.70	4.60	1.06	0.54	1.90	0.05	0.18
104	L0178	7	OLS-N	Wawa	Wawa	16.46	39.72	41.45	67.13	161.96	4.38	1.18	0.60	1.44	0.17	0.41
105	L0179	8	SOLS	Head, Clara & Maria	Stonecliffe	23.11	22.66	101.96	44.69	43.83	19.98	2.45	3.19	3.13	0.06	0.06
106	L0180	6	OLS-N	Hearst Twp	Hearst	6.48	15.08	42.99	49.64	115.49	3.76	0.00	0.13	0.31	0.00	0.01
107	L0183	8	OLS-N	Hilton Union	Hilton Beach	9.43	13.21	71.39	64.08	89.75	9.78	0.00	0.23	0.32	0.04	0.06
108	L0184	8	OLS-N	Hornepayne Twp	Hornepayne	4.33	13.85	31.24	81.38	260.51	3.47	2.24	0.21	0.68	0.04	0.13
109	L0185	5	SOLS	Huntsville	Huntsville	8.36	12.43	67.26	60.83	90.44	4.15	3.00	0.37	0.55	0.02	0.03
110	L0188	3	SOLS	Huron County	Clinton	6.39	21.69	29.44	51.91	176.33	6.58	0.59	0.27	0.91	0.03	0.09

Table 4 (Continued): Key Ratios for Ontario Public Libraries, 2014

111	L0189	8	OLS-N	Huron Shores	Iron Bridge	1.12	8.21	13.64	20.52	150.44	1.92	0.00	0.28	2.06	0.00	0.03
112	L0191	3	OLS-N	Sault Ste. Marie	Sault Ste. Marie	5.55	19.93	27.87	46.30	166.11	2.16	0.76	0.18	0.65	0.01	0.04
113	L0194	8	OLS-N	Magnetawan Twp	Magnetawan	8.09	17.31	46.75	72.27	154.58	2.69	0.92	0.75	1.59	0.09	0.19
114	L0195	8	OLS-N	Manitouowadge	Manitouowadge	13.50	21.29	63.43	75.11	118.42	4.61	0.00	0.08	0.13	0.02	0.03
115	L0196	7	OLS-N	Marathon	Marathon	17.39	66.66	26.10	58.20	223.03	4.53	0.59	1.62	6.20	0.15	0.58
116	L0199	8	OLS-N	McGarry Twp	Virginiatown	11.83	10.41	113.65	74.68	65.71	3.33	0.16	0.03	0.02	0.00	0.00
117	L0200	8	OLS-N	McKellar Twp	McKellar	3.17	11.35	27.93	39.70	142.12	3.65	0.88	0.07	0.26	0.00	0.00
118	L0202	8	OLS-N	Perry Twp	Emsdale	3.16	11.97	26.39	37.71	142.88	3.63	0.48	0.20	0.77	0.02	0.07
119	L0203	6	SOLS	Meaford	Meaford	7.94	21.91	36.23	62.89	173.56	3.37	0.19	0.77	2.14	0.06	0.16
120	L0204	7	SOLS	Merrickville-Wolford	Merrickville	11.74	24.26	48.40	33.14	68.48	2.69	0.63	0.97	2.00	0.09	0.19
121	L0205	3	SOLS	Middlesex County Library	Strathroy	5.49	18.27	30.03	45.00	149.87	3.49	1.20	0.53	1.78	0.04	0.15
122	L0206	1	SOLS	Mississauga	Mississauga	8.00	25.64	31.19	34.28	109.90	2.48	1.02	0.12	0.39	0.01	0.03
123	L0207	4	SOLS	New Tecumseth	Alliston	9.61	40.48	23.73	39.53	166.56	4.75	0.41	0.27	1.14	0.02	0.06
124	L0209	6	SOLS	Smiths Falls	Smiths Falls	6.96	15.07	46.16	47.79	103.53	3.56	0.43	0.37	0.80	0.04	0.09
125	L0210	6	SOLS	Mississippi Mills	Almonte	10.12	14.22	71.18	42.76	60.07	3.60	0.24	0.69	0.97	0.04	0.05
126	L0211	8	OLS-N	Moonbeam Twp	Moonbeam	10.03	18.05	55.53	125.75	226.44	14.75	1.40	0.67	1.20	0.01	0.02
127	L0212	6	SOLS	Muskoka Lakes Twp	Port Carling	4.55	11.27	40.34	73.74	182.81	4.22	1.07	0.50	1.23	0.04	0.09
128	L0213	2	SOLS	Kingston-Frontenac County	Kingston	9.07	14.46	62.71	46.46	74.09	5.62	1.66	0.28	0.45	0.01	0.02
129	L0222	3	SOLS	Niagara Falls	Niagara Falls	7.94	12.89	61.59	50.64	82.22	2.51	1.06	0.29	0.48	0.02	0.03
130	L0223	5	SOLS	Niagara-on-the-Lake	Niagara-on-the-Lake	6.86	11.10	61.82	46.81	75.72	1.86	1.00	0.16	0.26	0.01	0.02
131	L0225	8	OLS-N	Nipigon Twp	Nipigon	7.43	22.44	33.11	64.21	193.93	5.01	0.85	0.21	0.64	0.03	0.08
132	L0227	3	OLS-N	North Bay	North Bay	6.79	8.32	81.60	43.28	53.03	2.51	1.06	0.13	0.15	0.00	0.00
133	L0228	5	SOLS	North Grenville Twp	Kemptville	6.45	10.54	61.25	27.56	45.01	1.75	0.49	0.59	0.97	0.03	0.05
134	L0231	6	SOLS	North Perth	Monkton	8.93	27.88	32.02	47.95	149.76	3.14	0.13	0.62	1.93	0.04	0.12
135	L0232	7	OLS-N	Northeastern Manitoulin and the Islands	Little Current On	5.92	18.86	31.41	37.82	120.41	4.68	0.45	0.13	0.41	0.01	0.03
136	L0238	7	SOLS	Lake of Bays Twp	Baysville	19.87	13.30	149.36	94.18	63.06	3.84	0.00	1.61	1.08	0.14	0.10
137	L0239	2	SOLS	Lambton County	Wyoming	6.63	25.68	25.83	49.96	193.37	4.83	2.06	0.48	1.84	0.04	0.16
138	L0240	8	OLS-N	Larder Lake Public Library	Larder Lake	8.36	16.38	51.02	100.41	196.80	8.91	0.87	0.66	1.30	0.08	0.15
139	L0243	4	SOLS	Lennox and Addington County	Napanee	3.37	16.98	19.86	31.34	157.78	1.54	0.50	0.35	1.76	0.04	0.18
140	L0245	1	SOLS	London	London	10.61	26.79	39.62	54.65	137.92	4.20	1.15	0.52	1.32	0.04	0.10
141	L0247	2	SOLS	Oakville	Oakville	10.76	22.32	48.21	47.07	97.63	3.34	1.13	0.35	0.72	0.01	0.03
142	L0250	8	OLS-N	Opasatika	Opasatika	14.46	24.37	59.35	40.74	68.65	0.23	0.00	0.51	0.87	0.01	0.02
143	L0253	2	SOLS	Oshawa	Oshawa	11.28	28.55	39.50	55.74	141.11	3.37	1.39	0.22	0.56	0.01	0.04
144	L0255	6	SOLS	Otonabee-South Monaghan Twp	Keene	5.11	15.03	34.01	23.07	67.83	2.60	0.39	0.61	1.80	0.00	0.01
145	L0256	4	SOLS	Owen Sound & North Grey Union	Owen Sound	7.56	24.27	31.14	38.28	122.96	2.13	0.69	0.26	0.85	0.01	0.03
146	L0257	3	SOLS	Oxford County	Woodstock	7.54	37.94	19.86	41.03	206.60	3.45	0.85	0.27	1.38	0.02	0.12
147	L0258	6	SOLS	Severn Township Library	Coldwater	3.29	26.35	12.50	13.98	111.87	1.11	0.69	0.04	0.28	0.00	0.01
148	L0259	5	SOLS	Springwater Twp	Midhurst	8.05	30.12	26.74	34.18	127.83	1.59	0.40	0.24	0.88	0.02	0.07
149	L0261	8	OLS-N	Phelps	Redbridge	1.26	6.90	18.33	5.32	29.02	0.16	0.00	0.01	0.05	0.00	0.00
150	L0262	5	SOLS	Pelham	Fonthill	8.49	18.53	45.80	47.52	103.76	2.25	1.00	0.43	0.94	0.03	0.06
151	L0263	6	SOLS	Penetanguishene	Penetanguishene	13.87	14.60	95.00	48.68	51.25	5.38	1.03	0.14	0.15	0.03	0.03
152	L0264	5	SOLS	Perth and District Union	Perth	6.56	16.71	39.24	30.23	77.06	3.16	0.40	0.27	0.70	0.03	0.07
153	L0265	6	SOLS	Perth East	Milverton	6.28	53.52	11.73	25.54	217.72	0.20	0.56	0.29	2.45	0.03	0.27
154	L0267	5	SOLS	Petawawa	Petawawa	8.91	15.41	57.81	43.11	74.57	2.24	0.39	0.43	0.75	0.04	0.07
155	L0268	3	SOLS	Peterborough	Peterborough	8.17	29.92	27.31	38.26	140.07	2.56	2.16	0.16	0.57	0.01	0.02
156	L0269	4	SOLS	Stratford	Stratford	11.43	38.93	29.35	83.71	285.17	4.35	2.11	0.45	1.54	0.02	0.06
157	L0270	3	SOLS	Waterloo Region	Baden	6.41	25.13	25.51	38.49	150.90	1.57	1.33	0.33	1.28	0.02	0.09
158	L0271	6	SOLS	St. Marys Public Library	St. Marys	21.18	43.05	49.20	70.16	142.60	8.22	2.10	2.22	4.51	0.10	0.21
159	L0273	6	OLS-N	Powassan & District Union Public Library	Powassan	6.75	24.85	27.17	38.62	142.15	1.77	0.80	0.50	1.83	0.07	0.25
160	L0274	7	SOLS	Prescott	Prescott	5.26	18.99	27.71	34.02	122.76	2.34	0.37	0.19	0.70	0.01	0.04
161	L0275	8	OLS-N	Prince Twp Public Library	Prince Township	0.69	5.00	13.77	20.46	148.56	4.81	0.00	0.28	2.04	0.04	0.32
162	L0276	5	SOLS	Prince Edward County	Picton	7.29	23.14	31.51	48.91	155.20	2.71	1.51	0.52	1.64	0.03	0.10
163	L0277	4	SOLS	Innisfil	Innisfil	6.49	11.73	55.33	89.25	161.31	2.90	2.27	0.89	1.60	0.04	0.07
164	L0278	7	OLS-N	Iroquois Falls	Iroquois Falls	7.29	16.19	45.06	69.59	154.46	1.99	0.00	0.12	0.26	0.02	0.04
165	L0280	8	OLS-N	James Twp	Elk Lake	4.72	5.20	90.80	67.92	74.79	4.07	1.15	0.23	0.26	0.02	0.02

Table 4 (Continued): Key Ratios for Ontario Public Libraries, 2014

166	L0284	8	OLS-N	Sundridge-Strong Union	Sundridge	8.02	20.13	39.81	39.60	99.46	5.84	0.21	0.19	0.47	0.01	0.02
167	L0285	4	SOLS	Quinte West	Trenton	5.85	13.58	43.08	41.36	96.01	1.85	0.93	0.13	0.31	0.01	0.02
168	L0287	6	SOLS	Ramara Twp	Brechin	5.75	15.75	36.52	53.55	146.62	1.40	0.37	0.18	0.49	0.01	0.02
169	L0290	7	OLS-N	Red Lake	Balmertown	4.58	10.48	43.70	48.80	111.66	3.68	1.19	0.07	0.17	0.01	0.02
170	L0291	8	OLS-N	Red Rock Twp	Red Rock	7.96	16.30	48.83	77.04	157.77	6.92	3.48	0.96	1.97	0.09	0.19
171	L0292	6	SOLS	Renfrew	Renfrew	14.98	23.56	63.58	73.86	116.18	3.69	1.32	0.92	1.45	0.09	0.14
172	L0294	2	SOLS	Richmond Hill	Richmond Hill	11.36	37.13	30.60	50.47	164.95	3.46	1.64	0.22	0.73	0.01	0.04
173	L0300	5	SOLS	Russell	Russell	5.49	14.32	38.33	39.42	102.84	2.78	0.52	0.29	0.75	0.02	0.06
174	L0301	8	OLS-N	Schreiber Twp	Schreiber	7.93	10.30	77.00	148.97	193.47	7.93	2.56	3.81	4.95	0.19	0.25
175	L0302	8	OLS-N	Gore Bay Union	Gore Bay	6.51	15.67	41.57	28.89	69.50	3.64	0.53	0.02	0.05	0.00	0.00
176	L0303	7	OLS-N	Sables-Spanish Rivers Twp	Massey	6.44	15.80	40.75	61.11	149.97	6.17	0.64	0.37	0.91	0.01	0.03
177	L0304	5	SOLS	Scugog Memorial	Port Perry	7.30	16.94	43.10	31.72	73.60	1.10	0.61	0.43	0.99	0.03	0.06
178	L0307	8	SOLS	Simcoe County Co-operative	Midhurst	14.92	14.92	100.00	857.67	857.67	28.12	311.83	0.00	0.00	0.00	0.00
179	L0308	8	OLS-N	Sioux Narrows Nestor Falls Twp	Sioux Narrows	6.52	11.45	56.94	38.43	67.48	13.88	0.00	0.06	0.10	0.00	0.00
180	L0309	5	SOLS	Selwyn	Bridgenorth	7.27	17.58	41.37	28.70	69.38	3.65	0.47	0.33	0.79	0.05	0.12
181	L0310	8	OLS-N	Smooth Rock Falls	Smooth Rock Falls	0.73	2.52	29.07	32.59	112.11	1.00	0.00	0.03	0.09	0.00	0.02
182	L0311	8	OLS-N	South Algonquin Twp	Whitney	5.34	9.36	57.04	43.74	76.68	3.54	0.00	0.68	1.20	0.05	0.08
183	L0312	8	OLS-N	South River-Machar Union	South River	5.24	15.49	33.84	40.86	120.77	2.88	1.94	0.22	0.66	0.04	0.12
184	L0313	8	OLS-N	St. Charles	St. Charles	5.49	27.49	19.97	41.36	207.11	4.35	0.29	0.97	4.84	0.06	0.29
185	L0314	8	OLS-N	St. Joseph Twp	Richards Landing	1.01	0.73	138.63	28.30	20.42	5.12	0.79	0.02	0.01	0.00	0.00
186	L0315	4	SOLS	St. Thomas	St. Thomas	11.51	34.02	33.83	55.95	165.40	3.55	0.99	0.21	0.63	0.01	0.03
187	L0318	7	SOLS	Stirling-Rawdon	Stirling	8.21	16.41	50.04	32.39	64.72	2.36	0.21	0.56	1.12	0.05	0.09
188	L0319	3	SOLS	Stormont, Dundas & Glengarry County	Cornwall	3.37	25.35	13.29	33.10	249.07	2.86	1.59	0.15	1.13	0.02	0.13
189	L0321	7	OLS-N	Seguin Twp	Seguin	4.13	10.57	39.03	33.74	86.45	1.50	0.53	0.11	0.28	0.01	0.03
190	L0322	8	OLS-N	Britt Area	Britt	20.05	62.61	32.02	3.24	10.12	2.54	0.60	0.00	0.00	0.00	0.00
191	L0323	8	SOLS	Deseronto	Deseronto	8.73	14.92	58.53	69.09	118.04	4.42	0.00	1.56	2.66	0.15	0.26
192	L0325	8	OLS-N	French River	Noelville	9.44	9.20	102.58	64.07	62.45	4.29	1.37	0.27	0.26	0.01	0.01
193	L0326	3	SOLS	Halton Hills	Georgetown	10.05	35.02	28.69	64.38	224.38	3.08	1.53	0.43	1.51	0.03	0.09
194	L0327	8	OLS-N	Ignace	Ignace	4.56	13.37	34.11	50.83	149.01	1.54	0.19	0.05	0.16	0.00	0.01
195	L0330	6	SOLS	Lanark Highlands	Lanark	4.29	11.48	37.38	15.95	42.66	1.79	0.51	0.02	0.05	0.00	0.01
196	L0332	6	SOLS	Southgate Twp.	Dundalk	3.52	13.95	25.23	23.50	93.13	1.93	0.22	0.28	1.09	0.03	0.12
197	L0336	6	SOLS	West Grey Twp	Durham	3.38	20.87	16.21	26.15	161.27	2.42	0.17	0.21	1.31	0.03	0.20
198	L0339	7	SOLS	Tyendinaga Twp	Shannonville	3.15	4.25	74.09	33.84	45.67	1.98	0.00	0.49	0.66	0.06	0.08
199	L0340	3	SOLS	Pickering	Pickering	13.32	29.20	45.64	60.50	132.57	2.46	4.28	0.31	0.69	0.01	0.02
200	L0342	6	SOLS	Tay Twp	Port McNicoll	6.38	27.61	23.12	43.78	189.35	2.12	0.89	0.30	1.28	0.04	0.18
201	L0343	8	OLS-N	Tehkummah Twp	Tehkummah	7.58	6.84	110.84	19.16	17.29	0.78	0.00	0.00	0.00	0.00	0.00
202	L0344	8	OLS-N	Terrace Bay Twp	Terrace Bay	11.00	12.87	85.42	148.38	173.70	10.25	0.90	0.63	0.73	0.08	0.09
203	L0346	8	OLS-N	Thessalon	Thessalon	7.95	7.10	111.95	37.14	33.17	5.19	0.98	0.53	0.47	0.05	0.04
204	L0348	5	SOLS	Thorold	Thorold	4.68	14.90	31.39	34.02	108.38	2.90	0.26	0.32	1.03	0.03	0.10
205	L0349	2	OLS-N	Thunder Bay	Thunder Bay	7.00	24.08	29.08	56.09	192.89	3.17	1.48	0.26	0.90	0.01	0.05
206	L0351	4	OLS-N	Timmins	Timmins	2.09	8.00	26.16	38.73	148.06	1.38	0.47	0.22	0.82	0.01	0.05
207	L0353	1	Toronto	Toronto	Toronto	11.41	34.03	33.51	66.81	199.34	4.76	1.60	0.30	0.90	0.01	0.04
208	L0355	7	SOLS	Tweed	Tweed	6.84	8.69	78.71	34.24	43.50	2.19	0.15	0.48	0.61	0.04	0.05
209	L0356	5	SOLS	Uxbridge Twp	Uxbridge	7.78	13.02	59.74	45.90	76.83	3.01	0.85	0.30	0.50	0.02	0.04
210	L0357	8	OLS-N	Val Rita-Harty Twp	Val Rita	10.03	26.44	37.94	62.66	165.18	18.18	1.30	0.17	0.44	0.01	0.01
211	L0359	1	SOLS	Vaughan	Vaughan	9.18	22.47	40.86	45.37	111.03	6.88	0.72	0.29	0.72	0.01	0.03
212	L0362	6	SOLS	Wainfleet Twp	Wainfleet	9.44	17.86	52.85	65.54	124.01	4.36	2.16	0.53	1.00	0.04	0.07
213	L0364	5	SOLS	Wasaga Beach	Wasaga Beach	5.91	7.85	75.22	28.72	38.18	2.10	0.08	0.55	0.73	0.02	0.03
214	L0365	2	SOLS	Waterloo City	Waterloo	13.77	28.97	47.52	40.35	84.91	4.11	0.44	0.26	0.55	0.01	0.02
215	L0366	3	SOLS	Welland	Welland	5.19	18.76	27.66	40.84	147.62	2.87	1.46	0.16	0.59	0.02	0.06
216	L0367	3	SOLS	Wellington County	Fergus	10.32	29.91	34.49	78.66	228.08	4.92	1.36	0.41	1.20	0.03	0.08
217	L0370	6	SOLS	West Lincoln Twp	Smithville	5.62	30.82	18.24	23.26	127.55	2.36	0.78	0.21	1.15	0.02	0.09
218	L0371	6	OLS-N	West Nipissing	Sturgeon Falls	3.34	16.14	20.69	35.00	169.14	2.42	1.03	0.02	0.10	0.00	0.00
219	L0372	6	SOLS	West Perth	Mitchell	6.53	32.48	20.09	26.88	133.81	2.75	0.00	0.31	1.54	0.02	0.12
220	L0374	8	SOLS	Westport	Westport	11.64	31.71	36.70	57.22	155.92	4.62	0.84	0.90	2.44	0.07	0.18

Table 4 (Continued): Key Ratios for Ontario Public Libraries, 2014

221	L0375	8	OLS-N	White River Twp	White River	6.81	17.94	37.93	52.23	137.71	6.92	3.37	0.87	2.30	0.09	0.23
222	L0377	8	OLS-N	Whitestone-Hagerman Memorial	Dunchurch	22.20	16.97	130.87	95.45	72.93	4.36	3.51	1.10	0.84	0.03	0.02
223	L0378	2	SOLS	Windsor	Windsor	7.51	34.64	21.68	39.47	182.06	2.22	2.00	0.14	0.65	0.01	0.04
224	L0379	4	SOLS	Woodstock	Woodstock	13.59	32.69	41.56	58.52	140.82	4.22	2.31	0.53	1.27	0.02	0.06
225	L0380	8	SOLS	Wollaston and Limerick Union	Coe Hill	9.82	14.98	65.54	32.87	50.15	0.50	1.10	0.41	0.62	0.01	0.02
226	L0381	8	OLS-N	Spanish Twp	Spanish	4.23	18.41	22.99	74.91	325.84	3.53	0.00	0.31	1.36	0.01	0.03
227	L0382	8	SOLS	North Kawartha Twp	Pasley	12.27	4.51	272.01	140.43	51.63	11.13	1.30	0.20	0.07	0.03	0.01
228	L0384	7	SOLS	Laurentian Hills	Deep River	3.50	7.12	49.20	40.75	82.82	8.09	0.36	0.35	0.71	0.05	0.10
229	L0385	8	SOLS	Killaloe, Hagarty & Richards Twp	Killaloe	7.72	9.35	82.55	42.84	51.90	4.00	1.56	0.24	0.29	0.04	0.05
230	L0387	5	SOLS	Essa	Angus	8.95	34.70	25.79	34.69	134.53	4.24	0.83	0.33	1.30	0.05	0.17
231	L0389	2	SOLS	Guelph	Guelph	16.42	37.39	43.91	68.94	157.01	7.14	1.64	0.29	0.66	0.01	0.03
232	L0390	FN	SOLS	Alderville FN	Alderville	4.07	5.46	74.60	72.28	96.90	1.20	0.00	1.48	1.98	0.17	0.23
233	L0391	FN	SOLS	Algonquins of Pikwakanagan FN	Golden Lake	2.12	10.65	19.87	49.33	248.27	0.70	0.00	0.45	2.28	0.16	0.79
234	L0393	FN	SOLS	Beausoleil First Nation Public Library	Christian Island	8.96	9.98	89.81	66.21	73.73	0.00	0.00	0.39	0.43	0.67	0.75
235	L0394	FN	OLS-N	Big Grassy FN	Morson	4.05	4.34	93.44	127.87	136.84	0.00	0.00	0.74	0.79	0.04	0.04
236	L0396	FN	SOLS	Chippewas of Georgina Island FN	Sutton West	28.03	27.75	101.01	373.35	369.62	12.63	0.00	30.93	30.62	2.12	2.10
237	L0397	FN	SOLS	Chippewas of Kettle & Stony Point FN	Kettle and Stony Point First Natio	0.18	0.63	28.21	14.11	50.03	0.00	0.00	0.21	0.75	0.01	0.02
238	L0398	FN	SOLS	Chippewas of Rama FN	Rama	13.11	28.75	45.58	351.91	772.00	10.29	0.43	27.88	61.17	1.87	4.10
239	L0400	FN	SOLS	Chippewas of the Thames FN	Muncey	0.11	0.69	15.64	21.58	138.00	0.19	0.00	0.54	3.43	0.02	0.10
240	L0402	FN	SOLS	Curve Lake FN	Curve Lake,ON	1.40	4.38	31.93	47.13	147.61	3.02	0.46	0.19	0.58	0.08	0.25
241	L0403	FN	OLS-N	Dokis FN	Via Monetville	5.58	11.43	48.84	230.71	472.40	9.80	0.00	0.00	0.00	0.00	0.00
242	L0404	FN	OLS-N	Garden River FN	Garden River	0.80	6.43	12.42	13.03	104.94	0.00	0.00	0.21	1.71	0.04	0.35
243	L0405	FN	SOLS	Mohawks of the Bay of Quinte FN	Tyendinaga Mohawk Territory	0.65	2.49	25.98	38.78	149.27	2.66	0.30	0.17	0.65	0.02	0.07
244	L0406	FN	OLS-N	M'Chigeeng FN	M'Chigeeng First Nation	7.30	45.78	15.95	41.20	258.36	1.06	0.48	5.47	34.31	0.44	2.76
245	L0407	FN	OLS-N	Magnetawan FN	Britt	7.62	72.38	10.53	327.39	3110.25	0.00	0.00	1.64	15.63	0.03	0.25
246	L0408	FN	SOLS	Mohawks of Akwesasne FN	Cornwall	0.71	1.60	44.74	40.34	90.17	2.74	0.00	0.01	0.02	0.00	0.01
247	L0409	FN	OLS-N	Naoakamegwanning FN	Naoakamegwanning	0.79	1.64	47.96	35.70	74.44	2.88	1.81	0.11	0.23	0.01	0.02
248	L0410	FN	SOLS	New Credit FN	Hagersville	0.14	0.51	27.90	27.31	97.91	0.74	0.00	0.30	1.06	0.02	0.08
249	L0411	FN	SOLS	Chippewas of Nawash FN	Warton	2.78	15.38	18.08	22.01	121.71	0.70	0.14	0.06	0.31	0.00	0.02
250	L0412	FN	OLS-N	Nipissing FN	Garden Village	0.59	9.59	6.12	54.05	882.45	4.22	0.00	4.26	69.52	0.25	4.02
251	L0413	FN	OLS-N	Ojibways of Onigaming FN	Nestor Falls	1.93	7.38	26.14	31.79	121.59	0.75	0.00	1.24	4.74	0.27	1.05
252	L0415	FN	SOLS	Saugeen FN	Southampton	3.15	35.90	8.78	60.64	690.39	12.55	3.14	0.51	5.84	0.02	0.24
253	L0416	FN	OLS-N	Seine River FN	Seine River FN	0.89	10.45	8.53	97.04	1137.69	6.44	2.16	0.05	0.62	0.01	0.07
254	L0417	FN	OLS-N	Serpent River FN	Cutler	1.67	3.16	52.92	58.55	110.63	10.64	0.00	1.12	2.12	0.06	0.11
255	L0418	FN	OLS-N	Shawanaga FN	Nobel	10.74	9.93	108.11	147.74	136.66	3.04	0.00	3.32	3.07	0.27	0.25
256	L0419	FN	OLS-N	Shesheganing FN	Shesheganing	17.26	14.06	122.81	129.82	105.71	8.77	0.00	0.77	0.63	1.54	1.26
257	L0420	FN	SOLS	Six Nations FN	Ohswéken	0.31	1.11	27.79	23.23	83.59	0.47	0.13	0.13	0.45	0.01	0.04
258	L0422	FN	OLS-N	Thessalon FN	Thessalon	0.47	0.33	141.51	274.25	193.80	28.86	0.00	0.12	0.09	0.04	0.03
259	L0423	FN	OLS-N	Wasauksing FN	Parry Sound	12.94	15.56	83.16	50.76	61.03	3.77	6.87	2.70	3.25	0.35	0.42
260	L0424	FN	OLS-N	Atikameksheng Anishnawbek Band No. 6 FN	Whitefish First Nation	0.81	0.75	107.53	98.16	91.29	4.03	0.00	0.05	0.05	0.01	0.01
261	L0425	FN	OLS-N	Whitefish River FN	Birch Island	7.83	60.00	13.05	96.26	737.36	1.67	0.00	0.03	0.20	0.00	0.02
262	L0426	FN	OLS-N	Wikwemikong FN	Wikwemikong	0.41	1.28	31.72	23.14	72.96	1.91	0.00	0.33	1.03	0.05	0.15
263	L0427	8	OLS-N	Dubreuilville Twp	Dubreuilville	7.37	12.81	57.48	11.86	20.63	1.91	0.00	0.08	0.14	0.00	0.00
264	L0428	FN	OLS-N	Mattagami FN	Gogama	7.10	30.00	23.67	188.70	797.28	1.78	0.00	0.57	2.43	0.04	0.18
265	L0429	7	OLS-N	Blind River	Blind River	5.20	27.15	19.17	39.50	206.02	2.08	0.33	0.23	1.20	0.02	0.11
266	L0430	8	OLS-N	Cartier	Cartier	6.33	32.20	19.67	6.65	33.81	6.65	0.00	0.09	0.46	0.01	0.03
267	L0431	FN	SOLS	Delaware FN	Thamesville	0.73	0.29	252.03	156.70	62.18	0.00	0.00	0.37	0.15	0.07	0.03
268	L0432	FN	OLS-N	Sagamok Anishnawbek FN	Massey	0.31	2.11	14.85	28.24	190.22	1.18	0.00	0.03	0.20	0.01	0.06
269	L0433	5	SOLS	Lincoln	Beamsville	7.66	21.74	35.23	49.78	141.28	4.69	0.73	0.37	1.05	0.02	0.05
270	L0434	2	SOLS	Milton	Milton	11.59	21.92	52.89	42.16	79.71	3.07	1.71	0.38	0.72	0.02	0.04
271	L0438	FN	OLS-N	Iskatewizaagegan No. 39 FN	Shoal Lake	0.39	3.13	12.62	48.08	381.05	7.07	0.00	0.05	0.38	0.01	0.10
272	L0439	FN	OLS-N	Temagami FN	Bear Island	8.58	15.38	55.79	82.85	148.49	0.57	3.55	1.73	3.11	0.27	0.48
273	L0440	FN	SOLS	Mississaugaas of Scugog Island FN	Port Perry	0.96	0.43	223.40	280.85	125.71	63.83	0.00	1.02	0.46	0.26	0.11
274	L0446	FN	OLS-N	Rainy River FN	Emo	3.22	17.33	18.60	31.75	170.66	0.00	0.00	0.19	1.01	0.05	0.26
275	L0447	8	OLS-N	Markstay-Warren	Markstay	4.22	5.51	76.63	35.81	46.73	1.75	0.87	2.10	2.74	0.16	0.21
276	L0448	7	SOLS	Front of Yonge Twp	Mallorytown	2.38	14.55	16.35	17.30	105.83	3.26	0.42	0.15	0.89	0.02	0.10
277	L0450	8	SOLS	Tudor & Cashel Twp	Gilmour	2.92	7.71	37.88	10.34	27.31	2.21	0.00	0.00	0.00	0.00	0.00
278	L0453	FN	SOLS	Wahta Mohawk FN	Bala	3.14	16.67	18.87	114.86	608.73	12.64	0.00	1.31	6.93	0.16	0.87

Table 4 (Continued): Key Ratios for Ontario Public Libraries, 2014

279	L0456	FN	OLS-N	Ojibways of the Pic River FN	Heron Bay	5.65	36.46	15.50	26.94	173.77	0.00	0.00	0.39	2.54	0.03	0.20
280	L0459	FN	OLS-N	Mississauga FN	Blind River	0.91	0.71	126.85	48.14	37.95	0.00	1.16	0.09	0.07	0.01	0.01
281	L0460	FN	OLS-N	Henvey Inlet FN	Pickereil	7.53	18.67	40.32	127.58	316.40	2.69	0.00	0.16	0.40	0.02	0.05
282	L0462	FN	SOLS	Bkejwanong FN	Wallaceburg	0.37	1.23	29.87	39.43	131.99	1.05	0.09	1.00	3.35	0.03	0.09
283	L0463	7	SOLS	Marmorata and Lake Twp	Marmorata	6.86	9.53	71.94	24.97	34.71	1.35	0.41	0.13	0.18	0.02	0.03
284	L0464	FN	OLS-N	Michipicoten FN	Wawa	19.69	15.46	127.42	388.53	304.92	0.00	0.00	0.74	0.58	1.21	0.95
285	L0465	8	OLS-N	Gogama LSB	Gogama	0.84	1.01	83.58	11.00	13.16	0.00	0.00	0.00	0.00	0.00	0.00
286	L0466	6	SOLS	Brighton Public Library Board	Brighton	13.95	21.50	64.90	46.30	71.34	3.84	1.58	0.17	0.26	0.01	0.01
287	L0467	6	SOLS	Edwardsburgh/Cardinal Twp	Spencerville	2.59	22.68	11.42	14.55	127.34	2.68	0.43	0.20	1.73	0.02	0.20
288	L0469	6	SOLS	Elizabethtown - Kitley	Addison	1.89	13.06	14.48	13.10	90.48	1.19	0.21	0.12	0.83	0.01	0.06
289	L0470	2	OLS-N	Greater Sudbury	Greater Sudbury	5.50	11.22	49.01	51.67	105.44	4.70	0.70	0.18	0.37	0.01	0.02
290	L0471	7	OLS-N	Greenstone	Geraldton	6.51	12.55	51.89	100.42	193.51	7.94	1.39	0.49	0.94	0.01	0.02
291	L0472	6	SOLS	Grey Highlands	Flesherton	7.89	13.38	58.96	46.54	78.94	2.92	0.64	0.42	0.72	0.07	0.12
292	L0473	4	SOLS	Haldimand County	Dunnville	7.87	24.48	32.13	37.96	118.13	2.79	1.69	0.22	0.67	0.03	0.08
293	L0474	1	SOLS	Hamilton	Hamilton	12.15	41.82	29.05	55.55	191.19	2.97	3.32	0.30	1.02	0.02	0.05
294	L0475	7	SOLS	Hastings Highlands Twp	Maynooth	3.38	7.08	47.70	58.09	121.79	2.27	0.48	0.38	0.81	0.01	0.02
295	L0476	3	SOLS	Kawartha Lakes, City of	Lindsay	6.28	23.66	26.54	24.97	94.08	4.51	0.80	0.18	0.68	0.02	0.08
296	L0477	6	SOLS	Leeds and the Thousand Islands Twp	Lansdowne	6.78	13.52	50.12	47.01	93.79	3.76	0.60	0.55	1.10	0.04	0.08
297	L0478	8	SOLS	Greater Madawaska Twp	Calabogie	2.54	11.66	21.81	32.17	147.48	2.31	0.36	0.40	1.84	0.03	0.13
298	L0480	3	SOLS	Norfolk County	Simcoe	4.12	12.41	33.20	46.49	140.00	2.87	1.73	0.19	0.57	0.01	0.03
299	L0481	1	SOLS	Ottawa	Ottawa	11.55	38.50	30.00	50.43	168.12	3.68	1.84	0.24	0.81	0.01	0.04
300	L0482	6	SOLS	Whitewater Region	Beachburg	3.51	19.75	17.75	15.77	88.82	2.80	0.00	0.03	0.18	0.00	0.02
301	L0485	5	OLS-N	Kenora City	Kenora	19.11	63.21	30.24	45.15	149.32	4.70	1.22	0.13	0.45	0.01	0.04
302	L0487	6	SOLS	Alnwick/Haldimand Twp	Grafton	4.11	17.99	22.85	28.09	122.92	4.12	0.46	0.06	0.27	0.01	0.04
303	L0496	7	SOLS	Madawaska Valley Twp	Barry's Bay	6.71	13.97	48.05	47.24	98.32	4.96	0.79	0.16	0.33	0.01	0.02
304	L0497	8	OLS-N	Loring, Port Loring and District Local Services Board	Port Loring	5.65	10.77	52.50	7.26	13.83	5.66	0.75	0.21	0.41	0.02	0.04
305	L0498	6	SOLS	Rideau Lakes Public Library	Elgin	7.22	14.35	50.31	43.40	86.27	2.49	1.47	0.34	0.67	0.03	0.06
306	L0499	5	SOLS	Port Hope	Port Hope	10.82	12.59	85.96	46.47	54.06	2.89	0.29	0.32	0.38	0.02	0.02
307	L0500	6	SOLS	Trent Hills	Campbellford	5.70	20.82	27.37	37.25	136.10	2.99	0.39	0.22	0.79	0.02	0.07
308	L1035	FN	OLS-N	Aundeck-Omni-Kaning FN	Little Current	0.33	4.62	7.22	5.56	76.92	1.11	0.00	0.37	5.15	0.04	0.58
309	L1036	7	OLS-N	Callander	Callander	6.76	25.23	26.81	40.79	152.13	2.48	0.27	0.73	2.73	0.07	0.27
310	L1037	6	OLS-N	Temiskaming Shores	Haileybury	5.31	12.81	41.47	47.09	113.54	3.43	0.72	0.23	0.56	0.03	0.07
311	L1084	FN	OLS-N	Sachigo Lake FN	Sachigo Lake	2.06	9.48	21.69	102.01	470.22	0.00	0.00	0.55	2.51	0.07	0.32
					2014 average==>	7.5	18.2	48.9	59.61	152.96	4.34	1.92	0.7	1.7	0.1	0.1
					2013 average==>	7.7	18.7	47.7	63.69	183.51	4.78	2.25	0.7	2.3	0.1	0.2

Rank Order Tables

The next four tables (5-8) are in the form of ranking libraries by various variables. The first two are circulations per capita and circulations per active borrower. We know from Table 1 and related charts of those data that circulations per capita are going down. This measure is about as traditional as one can get...right after counts of the resident population a public library serves. Table 5 has the ranks by bands of circulations per capita. We also know that cardholders are declining so fewer people have cards to check materials out. Are those fewer cardholders checking out more or fewer materials per person? This number, then, seems important, too, and we have one look at it in Table 6 where we again rank this variable within the various bands.

The next two tables rank libraries by expenditure ratios. Table 7 uses expenditures per capita to rank the libraries and Table 8 uses expenditures per active cardholder.

There are many variables in this dataset and even more ratios that can be constructed we chose these four because the two of them using per capitas have a long pedigree and the two using cardholders seem important.

Librarians have ranked libraries in almost all publications of library data. Balbi's 1835 work cited in the Primer ranked the great urban libraries in Europe by volumes reportedly held by the libraries. The Gerould Statistics began in 1907/08 and was the first year of a continuous collection effort continued to this day by the Association of Research Libraries. Its first typed version listed five variables from 14 US academic libraries in alphabetical order. A canvas of archives disclosed very shortly after copies of these data retyped in order by the volumes held. Other archival copies have handwritten notes on the original Gerould typescripts. Ranking is one use of library data and maybe the oldest.

Table 5: Rank Order Table: Circulations per capita, by bands, Ontario Public Libraries, 2014

Annual Rank	Annual Circulations per capita	Library Number	Library Name	City	OLS Region	Population (Resident)	Total Annual Direct Circulations
Band 1 (Resident population greater than 250,000)							
1	12.8	L0099	Markham	Markham	SOLS	342,037	4,370,075
2	12.2	L0474	Hamilton	Hamilton	SOLS	545,850	6,632,308
3	11.5	L0481	Ottawa	Ottawa	SOLS	951,727	10,990,234
4	11.4	L0353	Toronto	Toronto	Toronto	2,808,503	32,034,795
5	10.6	L0245	London	London	SOLS	373,730	3,966,882
6	9.2	L0359	Vaughan	Vaughan	SOLS	317,889	2,918,811
7	9.0	L0041	Brampton	Brampton	SOLS	571,700	5,120,911
8	8.0	L0206	Mississauga	Mississauga	SOLS	759,000	6,071,321
Band 2 (Resident population greater than 100,000 and fewer than 250,001)							
1	16.4	L0389	Guelph	Guelph	SOLS	126,250	2,072,594
2	13.8	L0365	Waterloo City	Waterloo	SOLS	133,395	1,836,208
3	11.9	L0027	Whitby	Whitby	SOLS	132,345	1,580,632
4	11.6	L0434	Milton	Milton	SOLS	100,743	1,167,805
5	11.4	L0037	Burlington	Burlington	SOLS	174,767	1,999,935
6	11.4	L0294	Richmond Hill	Richmond Hill	SOLS	201,482	2,288,866
7	11.3	L0253	Oshawa	Oshawa	SOLS	160,000	1,804,542
8	11.2	L0043	Barrie	Barrie	SOLS	143,634	1,611,396
9	11.1	L0127	Kitchener	Kitchener	SOLS	236,500	2,636,962
10	10.8	L0247	Oakville	Oakville	SOLS	187,300	2,015,840
11	9.1	L0213	Kingston-Frontenac County	Kingston	SOLS	152,777	1,385,475
12	8.6	L0104	Cambridge	Cambridge	SOLS	133,800	1,146,597
13	8.1	L0025	St. Catharines	St. Catharines	SOLS	131,400	1,059,749
14	7.5	L0378	Windsor	Windsor	SOLS	210,891	1,583,869
15	7.5	L0121	Chatham-Kent	Chatham	SOLS	104,075	775,387
16	7.0	L0349	Thunder Bay	Thunder Bay	OLS-N	108,359	758,693
17	6.8	L0032	Ajax	Ajax	SOLS	120,540	822,442
18	6.6	L0239	Lambton County	Wyoming	SOLS	126,199	837,097
19	5.5	L0470	Greater Sudbury	Greater Sudbury	OLS-N	161,900	890,543
20	5.5	L0153	Essex County	Essex	SOLS	177,720	969,722
Band 3 (Resident population greater than 50,000 and fewer than 100,001)							
1	13.3	L0340	Pickering	Pickering	SOLS	95,345	1,270,386
2	11.4	L0033	Aurora	Aurora	SOLS	56,200	641,815
3	10.3	L0367	Wellington County	Fergus	SOLS	93,620	965,840
4	10.0	L0326	Halton Hills	Georgetown	SOLS	57,160	574,278
5	8.2	L0268	Peterborough	Peterborough	SOLS	78,700	643,126
6	7.9	L0222	Niagara Falls	Niagara Falls	SOLS	82,997	659,115
7	7.9	L0089	Bruce County	Town of Saugeen Shores	SOLS	61,119	484,040
8	7.5	L0257	Oxford County	Woodstock	SOLS	90,481	681,837
9	7.4	L0113	Clarington, Municipality of	Bowmanville	SOLS	89,931	666,705
10	7.2	L0039	Brantford	Brantford	SOLS	97,499	698,342
11	6.8	L0227	North Bay	North Bay	OLS-N	53,651	364,226
12	6.4	L0270	Waterloo Region	Baden	SOLS	64,805	415,370
13	6.4	L0188	Huron County	Clinton	SOLS	57,579	367,698
14	6.3	L0476	Kawartha Lakes, City of	Lindsay	SOLS	73,214	459,673
15	5.7	L0049	Caledon	Caledon East	SOLS	69,547	395,876
16	5.6	L0191	Sault Ste. Marie	Sault Ste. Marie	OLS-N	75,140	417,315
17	5.5	L0205	Middlesex County Library	Strathroy	SOLS	74,898	410,917
18	5.5	L0019	Newmarket	Newmarket	SOLS	85,744	468,051
19	5.2	L0366	Welland	Welland	SOLS	50,500	262,146
20	4.1	L0480	Norfolk County	Simcoe	SOLS	63,175	260,339
21	3.4	L0319	Stormont, Dundas & Glengarry County	Cornwall	SOLS	64,824	218,379

Table 5 (Continued): Rank Order Table: Circulations per capita, by bands, Ontario Public Libraries, 2014

Annual Rank	Annual Circulations per capita	Library Number	Library Name	City	OLS Region	Total Annual	
						Population (Resident)	Direct Circulations
Band 4 (Resident population greater than 30,000 and fewer than 50,001)							
1	13.6	L0379	Woodstock	Woodstock	SOLS	37,755	512,965
2	11.5	L0315	St. Thomas	St. Thomas	SOLS	37,905	436,299
3	11.4	L0269	Stratford	Stratford	SOLS	30,886	352,909
4	10.3	L0023	Orillia	Orillia	SOLS	30,754	316,842
5	9.6	L0040	Brant County	Paris	SOLS	31,252	301,532
6	9.6	L0207	New Tecumseth	Alliston	SOLS	33,998	326,643
7	8.1	L0086	Bradford West Gwillimbury Town	Bradford	SOLS	33,615	271,309
8	7.9	L0473	Haldimand County	Dunnville	SOLS	44,876	353,000
9	7.6	L0081	Belleville	Belleville	SOLS	49,454	375,184
10	7.6	L0256	Owen Sound & North Grey Union	Owen Sound	SOLS	38,564	291,389
11	6.5	L0277	Innisfil	Innisfil	SOLS	34,968	227,013
12	6.0	L0148	Whitchurch-Stouffville	Stouffville	SOLS	44,500	267,850
13	5.8	L0285	Quinte West	Trenton	SOLS	43,086	252,004
14	5.7	L0047	Cornwall	Cornwall	SOLS	46,340	263,692
15	5.3	L0072	Georgina	Keswick	SOLS	49,700	265,065
16	5.1	L0151	Elgin County	St. Thomas	SOLS	49,556	255,013
17	3.4	L0243	Lennox and Addington County	Napanee	SOLS	41,824	141,111
18	2.1	L0351	Timmins	Timmins	OLS-N	43,165	90,380
Band 5 (Resident population greater than 15,000 and fewer than 30,001)							
1	19.1	L0485	Kenora City	Kenora	OLS-N	15,348	293,355
2	12.4	L0066	Collingwood	Collingwood	SOLS	20,016	248,068
3	10.8	L0499	Port Hope	Port Hope	SOLS	16,214	175,406
4	9.4	L0116	Cobourg	Cobourg	SOLS	18,519	174,526
5	9.4	L0024	Port Colborne	Port Colborne	SOLS	18,003	168,723
6	9.0	L0088	Brockville	Brockville	SOLS	21,870	196,320
7	8.9	L0387	Essa	Angus	SOLS	18,505	165,609
8	8.9	L0171	Haliburton County	Haliburton	SOLS	16,526	147,646
9	8.9	L0267	Petawawa	Petawawa	SOLS	16,142	143,822
10	8.6	L0169	Grimsby	Grimsby	SOLS	25,325	217,696
11	8.5	L0262	Pelham	Fonthill	SOLS	15,848	134,499
12	8.4	L0185	Huntsville	Huntsville	SOLS	19,056	159,352
13	8.1	L0259	Springwater Twp	Midhurst	SOLS	18,223	146,759
14	7.8	L0356	Uxbridge Twp	Uxbridge	SOLS	20,623	160,478
15	7.7	L0433	Lincoln	Beamsville	SOLS	20,588	157,688
16	7.5	L0125	King Twp	King City	SOLS	19,899	149,386
17	7.3	L0304	Scugog Memorial	Port Perry	SOLS	21,570	157,537
18	7.3	L0276	Prince Edward County	Picton	SOLS	25,258	184,216
19	7.3	L0309	Selwyn	Bridgenorth	SOLS	17,419	126,699
20	6.9	L0223	Niagara-on-the-Lake	Niagara-on-the-Lake	SOLS	15,400	105,695
21	6.6	L0264	Perth and District Union	Perth	SOLS	19,283	126,460
22	6.5	L0228	North Grenville Twp	Kemptville	SOLS	15,085	97,352
23	6.2	L0156	Fort Erie	Fort Erie	SOLS	29,960	184,608
24	5.9	L0074	Orangeville	Orangeville	SOLS	28,734	170,586
25	5.9	L0364	Wasaga Beach	Wasaga Beach	SOLS	18,615	109,944
26	5.5	L0300	Russell	Russell	SOLS	15,250	83,679
27	4.9	L0147	East Gwillimbury	Holland Landing	SOLS	24,080	118,301
28	4.7	L0348	Thorold	Thorold	SOLS	17,931	83,854
29	2.1	L0120	Clarence-Rockland	Rockland	SOLS	25,851	54,133

Table 5 (Continued): Rank Order Table: Circulations per capita, by bands, Ontario Public Libraries, 2014

Rank	Annual Circulations		Library Number	Library Name	City	OLS Region	Population (Resident)	Total Annual	
	per capita	Library						Direct	Circulations
Band 6 (Resident population greater than 5,000 and fewer than 15,001)									
1	21.2		L0271	St. Marys Public Library	St. Marys	SOLS	6,156	130,411	
2	15.0		L0292	Renfrew	Renfrew	SOLS	6,158	92,256	
3	14.7		L0022	Midland	Midland	SOLS	13,136	193,404	
4	14.6		L0115	Clearview Twp	Stayner	SOLS	13,734	200,008	
5	14.0		L0466	Brighton Public Library Board	Brighton	SOLS	9,164	127,859	
6	13.9		L0263	Penetanguishene	Penetanguishene	SOLS	9,111	126,350	
7	13.2		L0071	Pembroke	Pembroke	SOLS	11,227	147,841	
8	13.0		L0014	Arnprior	Arnprior	SOLS	8,114	105,863	
9	12.7		L0065	The Blue Mountains	Thornbury	SOLS	7,364	93,596	
10	12.4		L0157	Fort Frances	Fort Frances	OLS-N	7,952	98,319	
11	11.9		L0048	Carleton Place	Carleton Place	SOLS	10,154	120,527	
12	11.8		L0075	Shelburne	Shelburne	SOLS	6,817	80,254	
13	11.4		L0138	Dryden	Dryden	OLS-N	6,267	71,518	
14	10.5		L0174	Hanover	Hanover	SOLS	7,490	78,397	
15	10.1		L0210	Mississippi Mills	Almonte	SOLS	12,385	125,368	
16	9.8		L0119	Cramahe Twp	Colborne	SOLS	5,298	51,669	
17	9.4		L0362	Wainfleet Twp	Wainfleet	SOLS	5,835	55,070	
18	9.2		L0052	Espanola	Espanola	OLS-N	5,364	49,333	
19	8.9		L0231	North Perth	Monkton	SOLS	12,631	112,745	
20	8.8		L0095	Parry Sound	Parry Sound	OLS-N	6,191	54,330	
21	8.8		L0070	Bracebridge	Bracebridge	SOLS	14,941	130,749	
22	8.3		L0168	Gravenhurst Public Library	Gravenhurst	SOLS	12,055	99,925	
23	7.9		L0203	Meaford	Meaford	SOLS	11,100	88,134	
24	7.9		L0472	Grey Highlands	Flesherton	SOLS	8,486	66,921	
25	7.7		L0031	Sioux Lookout	Sioux Lookout	OLS-N	5,336	41,253	
26	7.2		L0498	Rideau Lakes Public Library	Elgin	SOLS	10,300	74,350	
27	7.0		L0209	Smiths Falls	Smiths Falls	SOLS	8,978	62,463	
28	6.8		L0477	Leeds and the Thousand Islands Twp	Lansdowne	SOLS	9,277	62,860	
29	6.8		L0273	Powassan & District Union Public Library	Powassan	OLS-N	6,099	41,181	
30	6.7		L0117	Cochrane Public Library Board	Cochrane	OLS-N	5,340	35,902	
31	6.5		L0372	West Perth	Mitchell	SOLS	8,919	58,202	
32	6.5		L0180	Hearst Twp	Hearst	OLS-N	5,090	32,986	
33	6.4		L0342	Tay Twp	Port McNicoll	SOLS	9,376	59,863	
34	6.3		L0265	Perth East	Milverton	SOLS	10,016	62,882	
35	6.1		L0045	Cavan Monaghan Public Library Board, Township of	Millbrook	SOLS	8,601	52,188	
36	5.8		L0160	Gananoque	Gananoque	SOLS	5,194	30,006	
37	5.8		L0287	Ramara Twp	Brechin	SOLS	8,110	46,665	
38	5.7		L0159	Trent Lakes	Buckhorn	SOLS	5,105	29,178	
39	5.7		L0500	Trent Hills	Campbellford	SOLS	12,604	71,836	
40	5.6		L0370	West Lincoln Twp	Smithville	SOLS	13,867	77,950	
41	5.3		L1037	Temiskaming Shores	Haileybury	OLS-N	10,400	55,267	
42	5.3		L0126	Kirkland Lake	Kirkland Lake	OLS-N	8,493	45,099	
43	5.3		L0059	Hawkesbury	Hawkesbury	SOLS	10,869	57,163	
44	5.1		L0255	Otonabee-South Monaghan Twp	Keene	SOLS	6,660	34,050	
45	5.0		L0004	Alfred & Plantagenet Twp	Lefavre	SOLS	8,097	40,306	
46	4.8		L0152	Elliot Lake	Elliot Lake	OLS-N	10,218	49,097	
47	4.7		L0080	Bonnechere Union	Eganville	SOLS	5,806	27,545	
48	4.5		L0212	Muskoka Lakes Twp	Port Carling	SOLS	6,324	28,760	
49	4.3		L0330	Lanark Highlands	Lanark	SOLS	5,128	22,009	
50	4.2		L0122	Kapuskasing	Kapuskasing	OLS-N	7,249	30,695	
51	4.1		L0487	Alnwick/Haldimand Twp	Grafton	SOLS	6,617	27,195	
52	4.0		L0108	Champlain Twp	Vankleek Hill	SOLS	7,711	30,932	
53	3.8		L0165	Oliver Paipoonge	Murillo	OLS-N	5,732	21,790	
54	3.8		L0038	Brock Twp	Beaverton	SOLS	11,700	44,465	
55	3.8		L0091	Bibliothèque Publique du Canton de la Nation	St-Isidore	SOLS	11,668	43,780	
56	3.5		L0332	Southgate Twp.	Dundalk	SOLS	7,190	25,297	
57	3.5		L0482	Whitewater Region	Beachburg	SOLS	5,869	20,581	
58	3.4		L0336	West Grey Twp	Durham	SOLS	12,286	41,564	
59	3.3		L0371	West Nipissing	Sturgeon Falls	OLS-N	14,149	47,258	
60	3.3		L0258	Severn Township Library	Coldwater	SOLS	11,423	37,628	
61	2.7		L0010	Augusta Twp	Brockville	SOLS	7,430	20,204	
62	2.6		L0467	Edwardsburgh/Cardinal Twp	Spencerville	SOLS	6,959	18,028	
63	1.9		L0469	Elizabethtown - Kitley	Addison	SOLS	9,724	18,385	
64	1.1		L0136	Douro-Dummer Twp	Douro	SOLS	6,065	6,472	

Table 5 (Continued): Rank Order Table: Circulations per capita, by bands, Ontario Public Libraries, 2014

Annual Rank	Annual Circulations per capita	Library Number	Library Name	City	OLS Region	Population (Resident)	Total Annual Direct Circulations
Band 7 (Resident population greater than 2,500 and fewer than 5,001)							
65	19.9	L0238	Lake of Bays Twp	Baysville	SOLS	3,284	65,241
66	17.4	L0196	Marathon	Marathon	OLS-N	3,353	58,325
67	16.5	L0178	Wawa	Wawa	OLS-N	2,965	48,817
68	15.8	L0051	Deep River	Deep River	OLS-N	4,286	67,899
69	11.7	L0204	Merrickville-Wolford	Merrickville	SOLS	2,812	33,023
70	10.0	L0011	Atikokan	Atikokan	OLS-N	2,596	26,074
71	8.2	L0318	Stirling-Rawdon	Stirling	SOLS	4,978	40,865
72	7.3	L0278	Iroquois Falls	Iroquois Falls	OLS-N	4,106	29,948
73	7.0	L0090	Burk's Falls, Armour & Ryerson Union	Burk's Falls	OLS-N	2,973	20,821
74	6.9	L0463	Marmora and Lake Twp	Marmora	SOLS	4,070	27,918
75	6.8	L0355	Tweed	Tweed	SOLS	4,955	33,900
76	6.8	L1036	Callander	Callander	OLS-N	3,864	26,139
77	6.7	L0496	Madawaska Valley Twp	Barry's Bay	SOLS	3,896	26,144
78	6.7	L0062	Bancroft Town	Bancroft	SOLS	3,838	25,611
79	6.5	L0471	Greenstone	Geraldton	OLS-N	4,467	29,095
80	6.5	L0107	Casselman	Casselman	SOLS	3,184	20,577
81	6.4	L0303	Sables-Spanish Rivers Twp	Massey	OLS-N	2,746	17,675
82	6.1	L0058	Havelock-Belmont-Methuen Twp	Havelock	SOLS	3,992	24,424
83	5.9	L0232	Northeastern Manitoulin and the Islands	Little Current On	OLS-N	2,706	16,027
84	5.3	L0274	Prescott	Prescott	SOLS	4,284	22,537
85	5.2	L0429	Blind River	Blind River	OLS-N	3,651	19,003
86	4.7	L0110	Centre Hastings	Madoc	SOLS	4,543	21,473
87	4.6	L0290	Red Lake	Balmertown	OLS-N	4,670	21,388
88	4.2	L0145	East Ferris	Astorville	OLS-N	4,766	20,148
89	4.1	L0321	Seguin Twp	Seguin	OLS-N	4,276	17,647
90	3.5	L0384	Laurentian Hills	Deep River	SOLS	2,811	9,843
91	3.4	L0475	Hastings Highlands Twp	Maynooth	SOLS	4,170	14,088
92	3.3	L0002	Admaston/Bromley Twp	Douglas	SOLS	2,643	8,800
93	3.1	L0339	Tyendinaga Twp	Shannonville	SOLS	3,582	11,271
94	2.4	L0448	Front of Yonge Twp	Mallorytown	SOLS	2,752	6,549
95	2.0	L0018	Athens Twp	Athens	SOLS	2,809	5,591
96	2.0	L0016	Asphodel-Norwood	Norwood	SOLS	4,041	7,903
Band 8 (Resident population fewer than 2,501)							
1	25.7	L0131	Rainy River	Rainy River	OLS-N	670	17,187
2	23.1	L0179	Head, Clara & Maria	Stonecliffe	SOLS	204	4,714
3	22.2	L0073	Town of Grand Valley Public Library Board	Grand Valley	SOLS	2,315	51,440
4	22.2	L0377	Whitestone-Hagerman Memorial	Dunchurch	OLS-N	1,030	22,871
5	20.0	L0322	Britt Area	Britt	OLS-N	940	18,846
6	17.3	L0134	Mattawa	Mattawa	OLS-N	2,114	36,500
7	17.1	L0098	Emo Twp	Emo	OLS-N	1,056	18,104
8	15.3	L0017	Assignack Twp	Manitoulin Island	OLS-N	960	14,706
9	14.9	L0307	Simcoe County Co-operative	Midhurst	SOLS	737	10,994
10	14.7	L0050	Dorion Twp	Dorion	OLS-N	340	5,000
11	14.5	L0250	Opasatika	Opasatika	OLS-N	214	3,095
12	14.3	L0021	Temagami	Temagami	OLS-N	820	11,731
13	13.9	L0055	Fauquier-Strickland Twp	Fauquier	OLS-N	525	7,287
14	13.5	L0195	Manitouwadge	Manitouwadge	OLS-N	1,851	24,997
15	13.0	L0054	Englehart	Englehart	OLS-N	1,257	16,312
16	12.4	L0162	Georgian Bay Twp	Honey Harbour	SOLS	2,091	25,928
17	12.3	L0382	North Kawartha Twp	Apsley	SOLS	2,126	26,096
18	11.8	L0199	McGarry Twp	Virginiatown	OLS-N	586	6,935
19	11.6	L0374	Westport	Westport	SOLS	594	6,912
20	11.2	L0044	Bruce Mines & Plummer Additional Union	Bruce Mines	OLS-N	1,216	13,578
21	11.0	L0344	Terrace Bay Twp	Terrace Bay	OLS-N	1,365	15,011
22	10.0	L0357	Val Rita-Harty Twp	Val Rita	OLS-N	775	7,774
23	10.0	L0211	Moonbeam Twp	Moonbeam	OLS-N	1,039	10,417
24	9.8	L0380	Wollaston and Limerick Union	Coe Hill	SOLS	1,004	9,858
25	9.4	L0325	French River	Noelville	OLS-N	2,360	22,279
26	9.4	L0183	Hilton Union	Hilton Beach	OLS-N	423	3,989
27	8.7	L0323	Deseronto	Deseronto	SOLS	1,835	16,021
28	8.4	L0102	Cobalt Twp	Cobalt	OLS-N	1,133	9,467
29	8.4	L0240	Larder Lake Public Library	Larder Lake	OLS-N	735	6,141
30	8.1	L0109	Central Manitoulin Twp	Mindemoya	OLS-N	1,958	15,862

Table 5 (Continued): Rank Order Table: Circulations per capita, by bands, Ontario Public Libraries, 2014

Annual Rank	Annual Circulations per capita	Library Number	Library Name	City	OLS Region	Total Annual	
						Population (Resident)	Direct Circulations
Band 8 (Continued) (Resident population fewer than 2,501)							
31	8.1	L0194	Magnetawan Twp	Magnetawan	OLS-N	1,185	9,588
32	8.0	L0284	Sundridge-Strong Union	Sundridge	OLS-N	2,198	17,618
33	8.0	L0291	Red Rock Twp	Red Rock	OLS-N	942	7,497
34	8.0	L0346	Thessalon	Thessalon	OLS-N	1,280	10,177
35	7.9	L0301	Schreiber Twp	Schreiber	OLS-N	1,126	8,930
36	7.8	L0123	Kearney & Area	Kearney	OLS-N	841	6,569
37	7.8	L0020	Mattice-Val Cote Twp	Mattice	OLS-N	674	5,259
38	7.7	L0385	Killaloe, Hagarty & Richards Twp	Killaloe	SOLS	2,229	17,201
39	7.6	L0343	Tehkummah Twp	Tehkummah	OLS-N	406	3,078
40	7.4	L0225	Nipigon Twp	Nipigon	OLS-N	1,631	12,117
41	7.4	L0427	Dubreuilville Twp	Dubreuilville	OLS-N	635	4,677
42	6.8	L0375	White River Twp	White River	OLS-N	841	5,724
43	6.5	L0082	Billings Twp	Kagawong	OLS-N	532	3,483
44	6.5	L0308	Sioux Narrows Nestor Falls Twp	Sioux Narrows	OLS-N	720	4,696
45	6.5	L0302	Gore Bay Union	Gore Bay	OLS-N	1,684	10,966
46	6.3	L0430	Cartier	Cartier	OLS-N	300	1,900
47	5.7	L0497	Loring, Port Loring and District Local Services Board	Port Loring	OLS-N	800	4,523
48	5.5	L0313	St. Charles	St. Charles	OLS-N	1,282	7,038
49	5.3	L0311	South Algonquin Twp	Whitney	OLS-N	1,087	5,806
50	5.3	L0084	Bonfield	Bonfield	OLS-N	2,016	10,639
51	5.2	L0312	South River-Machar Union	South River	OLS-N	1,859	9,746
52	4.7	L0280	James Twp	Elk Lake	OLS-N	424	2,002
53	4.6	L0013	Armstrong Twp	Earlton	OLS-N	1,216	5,566
54	4.6	L0327	Ignace	Ignace	OLS-N	1,202	5,480
55	4.5	L0005	Addington Highlands Twp	Flinton	SOLS	1,945	8,801
56	4.3	L0184	Hornepayne Twp	Hornepayne	OLS-N	1,050	4,542
57	4.2	L0381	Spanish Twp	Spanish	OLS-N	696	2,946
58	4.2	L0447	Markstay-Warren	Markstay	OLS-N	2,366	9,994
59	4.1	L0083	Black River-Matheson Twp	Matheson	OLS-N	2,332	9,552
60	3.7	L0144	Ear Falls Twp	Ear Falls	OLS-N	1,026	3,767
61	3.2	L0200	McKellar Twp	McKellar	OLS-N	1,006	3,188
62	3.2	L0202	Perry Twp	Emsdale	OLS-N	1,815	5,736
63	3.0	L0106	Carlow/Mayo Public Library	Bancroft	SOLS	829	2,454
64	2.9	L0450	Tudor & Cashel Twp	Gilmour	SOLS	586	1,712
65	2.7	L0112	Chapleau Twp	Chapleau	OLS-N	2,116	5,618
66	2.5	L0478	Greater Madawaska Twp	Calabogie	SOLS	2,485	6,320
67	1.3	L0261	Phelps	Redbridge	OLS-N	1,500	1,897
68	1.1	L0189	Huron Shores	Iron Bridge	OLS-N	1,723	1,929
69	1.1	L0046	Conmee Twp	Kakabeka Falls	OLS-N	764	848
70	1.0	L0314	St. Joseph Twp	Richards Landing	OLS-N	1,201	1,213
71	0.8	L0465	Gogama LSB	Gogama	OLS-N	475	400
72	0.7	L0310	Smooth Rock Falls	Smooth Rock Falls	OLS-N	1,376	1,009
73	0.7	L0275	Prince Twp Public Library	Prince Township	OLS-N	1,031	710

Table 5 (Continued): Rank Order Table: Circulations per capita, by bands, Ontario Public Libraries, 2014

Annual Rank	Annual Circulations per capita	Library Number	Library Name	City	OLS Region	Total Annual	
						Population (Resident)	Direct Circulations
First Nations' Libraries							
1	28.0	L0396	Chippewas of Georgina Island FN	Sutton West	SOLS	198	5,549
2	19.7	L0464	Michipicoten FN	Wawa	OLS-N	62	1,221
3	17.3	L0419	Sheshegwaning FN	Sheshegwaning	OLS-N	114	1,968
4	13.1	L0398	Chippewas of Rama FN	Rama	SOLS	702	9,200
5	12.9	L0423	Wasauksing FN	Parry Sound	OLS-N	392	5,074
6	10.7	L0418	Shawanaga FN	Nobel	OLS-N	185	1,986
7	9.0	L0393	Beausoleil First Nation Public Library	Christian Island	SOLS	628	5,626
8	8.6	L0439	Temagami FN	Bear Island	OLS-N	233	2,000
9	7.8	L0425	Whitefish River FN	Birch Island	OLS-N	383	3,000
10	7.6	L0407	Magnetawan FN	Britt	OLS-N	76	579
11	7.5	L0460	Henvey Inlet FN	Pickerel	OLS-N	186	1,400
12	7.3	L0406	M'Chigeeng FN	M'Chigeeng First Nation	OLS-N	928	6,775
13	7.1	L0428	Mattagami FN	Gogama	OLS-N	169	1,200
14	5.7	L0456	Ojibways of the Pic River FN	Heron Bay	OLS-N	529	2,990
15	5.6	L0403	Dokis FN	Via Monetville	OLS-N	172	960
16	4.1	L0390	Alderville FN	Alderville	SOLS	311	1,266
17	4.1	L0394	Big Grassy FN	Morson	OLS-N	244	989
18	3.2	L0446	Rainy River FN	Emo	OLS-N	430	1,386
19	3.2	L0415	Saugeen FN	Southampton	SOLS	797	2,513
20	3.1	L0453	Wahta Mohawk FN	Bala	SOLS	159	500
21	2.8	L0411	Chippewas of Nawash FN	Warton	SOLS	719	2,000
22	2.1	L0391	Algonquins of Pikwakanagan FN	Golden Lake	SOLS	463	980
23	2.1	L1084	Sachigo Lake FN	Sachigo Lake	OLS-N	484	995
24	1.9	L0413	Ojibways of Onigaming FN	Nestor Falls	OLS-N	459	885
25	1.7	L0417	Serpent River FN	Cutler	OLS-N	359	600
26	1.4	L0402	Curve Lake FN	Curve Lake, ON	SOLS	783	1,095
27	1.0	L0440	Mississaugas of Scugog Island FN	Port Perry	SOLS	47	45
28	0.9	L0459	Mississauga FN	Blind River	OLS-N	391	354
29	0.9	L0416	Seine River FN	Seine River FN	OLS-N	340	303
30	0.8	L0424	Atikameksheng Anishnawbek Band No. 6 FN	Whitefish First Nation	OLS-N	372	300
31	0.8	L0404	Garden River FN	Garden River	OLS-N	1,208	965
32	0.8	L0409	Naotkamegwanning FN	Naotkamegwanning	OLS-N	736	580
33	0.7	L0431	Delaware FN	Thamesville	SOLS	148	108
34	0.7	L0408	Mohawks of Akwesasne FN	Cornwall	SOLS	9,493	6,787
35	0.6	L0405	Mohawks of the Bay of Quinte FN	Tyendinga Mohawk Territory	SOLS	2,163	1,397
36	0.6	L0412	Nipissing FN	Garden Village	OLS-N	947	556
37	0.5	L0422	Thessalon FN	Thessalon	OLS-N	106	50
38	0.4	L0426	Wikwemikong FN	Wikwemikong	OLS-N	3,115	1,264
39	0.4	L0438	Iskatewizaagegan No. 39 FN	Shoal Lake	OLS-N	317	125
40	0.4	L0462	Bkejwanong FN	Wallaceburg	SOLS	2,310	849
41	0.3	L1035	Aundeck-Omni-Kaning FN	Little Current	OLS-N	360	120
42	0.3	L0432	Sagamok Anishnawbek FN	Massey	OLS-N	1,556	488
43	0.3	L0420	Six Nations FN	Ohsweken	SOLS	12,436	3,850
44	0.2	L0397	Chippewas of Kettle & Stony Point FN	Kettle and Stony Point First Nat	SOLS	1,326	237
45	0.1	L0410	New Credit FN	Hagersville	SOLS	932	133
46	0.1	L0400	Chippewas of the Thames FN	Muncey	SOLS	959	103

Table 6: Rank Order Table: Circulations per active library cardholder, Ontario Public Libraries, 2014

Rank	Annual Circulations per cardholder	Annual Circulations per capita	Library Number	Library Name	City	OLS Region	Active Cardholders	Total Annual Direct Circulations
Band 1 (Resident population greater than 250,000)								
1	41.82	12.2	L0474	Hamilton	Hamilton	SOLS	158,593	6,632,308
2	38.50	11.5	L0481	Ottawa	Ottawa	SOLS	285,480	10,990,234
3	34.03	11.4	L0353	Toronto	Toronto	Toronto	941,265	32,034,795
4	33.75	9.0	L0041	Brampton	Brampton	SOLS	151,728	5,120,911
5	26.79	10.6	L0245	London	London	SOLS	148,085	3,966,882
6	25.64	8.0	L0206	Mississauga	Mississauga	SOLS	236,757	6,071,321
7	22.47	9.2	L0359	Vaughan	Vaughan	SOLS	129,901	2,918,811
8	20.00	12.8	L0099	Markham	Markham	SOLS	218,500	4,370,075
Band 2 (Resident population greater than 100,000 and fewer than 250,001)								
1	37.39	16.4	L0389	Guelph	Guelph	SOLS	55,433	2,072,594
2	37.13	11.4	L0294	Richmond Hill	Richmond Hill	SOLS	61,651	2,288,866
3	34.64	7.5	L0378	Windsor	Windsor	SOLS	45,723	1,583,869
4	33.74	7.5	L0121	Chatham-Kent	Chatham	SOLS	22,981	775,387
5	31.61	5.5	L0153	Essex County	Essex	SOLS	30,677	969,722
6	31.54	11.4	L0037	Burlington	Burlington	SOLS	63,403	1,999,935
7	31.12	11.2	L0043	Barrie	Barrie	SOLS	51,787	1,611,396
8	29.22	11.9	L0027	Whitby	Whitby	SOLS	54,098	1,580,632
9	28.97	13.8	L0365	Waterloo City	Waterloo	SOLS	63,391	1,836,208
10	28.55	11.3	L0253	Oshawa	Oshawa	SOLS	63,199	1,804,542
11	28.48	8.6	L0104	Cambridge	Cambridge	SOLS	40,253	1,146,597
12	28.14	11.1	L0127	Kitchener	Kitchener	SOLS	93,711	2,636,962
13	25.68	6.6	L0239	Lambton County	Wyoming	SOLS	32,603	837,097
14	24.08	7.0	L0349	Thunder Bay	Thunder Bay	OLS-N	31,512	758,693
15	24.02	6.8	L0032	Ajax	Ajax	SOLS	34,240	822,442
16	22.32	10.8	L0247	Oakville	Oakville	SOLS	90,296	2,015,840
17	21.92	11.6	L0434	Milton	Milton	SOLS	53,280	1,167,805
18	17.54	8.1	L0025	St. Catharines	St. Catharines	SOLS	60,424	1,059,749
19	14.46	9.1	L0213	Kingston-Frontenac County	Kingston	SOLS	95,808	1,385,475
20	11.22	5.5	L0470	Greater Sudbury	Greater Sudbury	OLS-N	79,343	890,543
Band 3 (Resident population greater than 50,000 and fewer than 100,001)								
1	37.94	7.5	L0257	Oxford County	Woodstock	SOLS	17,970	681,837
2	35.02	10.0	L0326	Halton Hills	Georgetown	SOLS	16,400	574,278
3	29.92	8.2	L0268	Peterborough	Peterborough	SOLS	21,495	643,126
4	29.91	10.3	L0367	Wellington County	Fergus	SOLS	32,290	965,840
5	29.20	13.3	L0340	Pickering	Pickering	SOLS	43,513	1,270,386
6	25.35	3.4	L0319	Stormont, Dundas & Glengarry County	Cornwall	SOLS	8,614	218,379
7	25.13	6.4	L0270	Waterloo Region	Baden	SOLS	16,530	415,370
8	24.84	7.2	L0039	Brantford	Brantford	SOLS	28,119	698,342
9	24.28	5.7	L0049	Caledon	Caledon East	SOLS	16,307	395,876
10	23.66	6.3	L0476	Kawartha Lakes, City of	Lindsay	SOLS	19,431	459,673
11	22.51	11.4	L0033	Aurora	Aurora	SOLS	28,514	641,815
12	21.69	6.4	L0188	Huron County	Clinton	SOLS	16,951	367,698
13	20.06	7.9	L0089	Bruce County	Town of Saugeen Shores	SOLS	24,125	484,040
14	20.03	5.5	L0019	Newmarket	Newmarket	SOLS	23,368	468,051
15	19.93	5.6	L0191	Sault Ste. Marie	Sault Ste. Marie	OLS-N	20,944	417,315
16	18.76	5.2	L0366	Wells	Wells	SOLS	13,970	262,146
17	18.27	5.5	L0205	Middlesex County Library	Strathroy	SOLS	22,490	410,917
18	14.81	7.4	L0113	Clarington, Municipality of	Bowmanville	SOLS	45,022	666,705
19	12.89	7.9	L0222	Niagara Falls	Niagara Falls	SOLS	51,116	659,115
20	12.41	4.1	L0480	Norfolk County	Simcoe	SOLS	20,976	260,339
21	8.32	6.8	L0227	North Bay	North Bay	OLS-N	43,779	364,226

Table 6 (Continued): Rank Order Table: Circulations per active library cardholder, Ontario Public Libraries, 2014

Rank	Annual Circulations per cardholder	Annual Circulations per capita	Library Number	Library Name	City	OLS Region	Active Cardholders	Total Annual Direct Circulations
Band 4 (Resident population greater than 30,000 and fewer than 50,001)								
1	40.48	9.6	L0207	New Tecumseth	Alliston	SOLS	8,069	326,643
2	38.93	11.4	L0269	Stratford	Stratford	SOLS	9,066	352,909
3	34.02	11.5	L0315	St. Thomas	St. Thomas	SOLS	12,823	436,299
4	32.69	13.6	L0379	Woodstock	Woodstock	SOLS	15,690	512,965
5	24.48	7.9	L0473	Haldimand County	Dunnville	SOLS	14,420	353,000
6	24.27	7.6	L0256	Owen Sound & North Grey Union	Owen Sound	SOLS	12,007	291,389
7	23.35	5.1	L0151	Elgin County	St. Thomas	SOLS	10,921	255,013
8	22.76	10.3	L0023	Orillia	Orillia	SOLS	13,922	316,842
9	21.46	9.6	L0040	Brant County	Paris	SOLS	14,051	301,532
10	20.02	5.7	L0047	Cornwall	Cornwall	SOLS	13,170	263,692
11	17.99	7.6	L0081	Belleville	Belleville	SOLS	20,857	375,184
12	17.66	5.3	L0072	Georgina	Keswick	SOLS	15,007	265,065
13	16.98	3.4	L0243	Lennox and Addington County	Napanee	SOLS	8,308	141,111
14	13.58	5.8	L0285	Quinte West	Trenton	SOLS	18,561	252,004
15	12.33	8.1	L0086	Bradford West Gwillimbury Town	Bradford	SOLS	22,005	271,309
16	11.73	6.5	L0277	Innisfil	Innisfil	SOLS	19,348	227,013
17	10.84	6.0	L0148	Whitchurch-Stouffville	Stouffville	SOLS	24,702	267,850
18	8.00	2.1	L0351	Timmins	Timmins	OLS-N	11,291	90,380
Band 5 (Resident population greater than 15,000 and fewer than 30,001)								
1	63.21	19.1	L0485	Kenora City	Kenora	OLS-N	4,641	293,355
2	34.70	8.9	L0387	Essa	Angus	SOLS	4,772	165,609
3	30.12	8.1	L0259	Springwater Twp	Midhurst	SOLS	4,872	146,759
4	28.07	8.6	L0169	Grimsby	Grimsby	SOLS	7,755	217,696
5	25.95	12.4	L0066	Collingwood	Collingwood	SOLS	9,558	248,068
6	23.73	8.9	L0171	Haliburton County	Haliburton	SOLS	6,222	147,646
7	23.62	9.0	L0088	Brockville	Brockville	SOLS	8,311	196,320
8	23.14	7.3	L0276	Prince Edward County	Pictou	SOLS	7,960	184,216
9	22.05	5.9	L0074	Orangeville	Orangeville	SOLS	7,738	170,586
10	21.74	7.7	L0433	Lincoln	Beamsville	SOLS	7,254	157,688
11	20.38	4.9	L0147	East Gwillimbury	Holland Landing	SOLS	5,805	118,301
12	18.53	8.5	L0262	Pelham	Fonthill	SOLS	7,258	134,499
13	18.42	9.4	L0024	Port Colborne	Port Colborne	SOLS	9,160	168,723
14	17.67	6.2	L0156	Fort Erie	Fort Erie	SOLS	10,445	184,608
15	17.61	7.5	L0125	King Twp	King City	SOLS	8,485	149,386
16	17.58	7.3	L0309	Selwyn	Bridgenorth	SOLS	7,206	126,699
17	16.94	7.3	L0304	Scugog Memorial	Port Perry	SOLS	9,297	157,537
18	16.71	6.6	L0264	Perth and District Union	Perth	SOLS	7,566	126,460
19	15.99	9.4	L0116	Cobourg	Cobourg	SOLS	10,915	174,526
20	15.41	8.9	L0267	Petawawa	Petawawa	SOLS	9,331	143,822
21	14.90	4.7	L0348	Thorold	Thorold	SOLS	5,628	83,854
22	14.32	5.5	L0300	Russell	Russell	SOLS	5,845	83,679
23	13.02	7.8	L0356	Uxbridge Twp	Uxbridge	SOLS	12,321	160,478
24	12.59	10.8	L0499	Port Hope	Port Hope	SOLS	13,937	175,406
25	12.43	8.4	L0185	Huntsville	Huntsville	SOLS	12,817	159,352
26	11.10	6.9	L0223	Niagara-on-the-Lake	Niagara-on-the-Lake	SOLS	9,521	105,695
27	11.05	2.1	L0120	Clarence-Rockland	Rockland	SOLS	4,897	54,133
28	10.54	6.5	L0228	North Grenville Twp	Kemptville	SOLS	9,239	97,352
29	7.85	5.9	L0364	Wasaga Beach	Wasaga Beach	SOLS	14,003	109,944

Table 6 (Continued): Rank Order Table: Circulations per active library cardholder, Ontario Public Libraries, 2014

Rank	Annual Circulations per cardholder	Annual Circulations per capita	Library Number	Library Name	City	OLS Region	Active Cardholders	Total Annual Direct Circulations
Band 6 (Resident population greater than 5,000 and fewer than 15,001)								
1	53.52	6.3	L0265	Perth East	Milverton	SOLS	1,175	62,882
2	43.05	21.2	L0271	St. Marys Public Library	St. Marys	SOLS	3,029	130,411
3	36.88	10.5	L0174	Hanover	Hanover	SOLS	2,126	78,397
4	32.48	6.5	L0372	West Perth	Mitchell	SOLS	1,792	58,202
5	30.82	5.6	L0370	West Lincoln Twp	Smithville	SOLS	2,529	77,950
6	27.89	5.0	L0004	Alfred & Plantagenet Twp	Lefavre	SOLS	1,445	40,306
7	27.88	8.9	L0231	North Perth	Monkton	SOLS	4,044	112,745
8	27.61	6.4	L0342	Tay Twp	Port McNicoll	SOLS	2,168	59,863
9	27.44	11.4	L0138	Dryden	Dryden	OLS-N	2,606	71,518
10	27.18	12.4	L0157	Fort Frances	Fort Frances	OLS-N	3,617	98,319
11	26.35	3.3	L0258	Severn Township Library	Coldwater	SOLS	1,428	37,628
12	25.91	13.2	L0071	Pembroke	Pembroke	SOLS	5,706	147,841
13	24.85	6.8	L0273	Powassan & District Union Public Library	Powassan	OLS-N	1,657	41,181
14	23.56	15.0	L0292	Renfrew	Renfrew	SOLS	3,915	92,256
15	22.68	2.6	L0467	Edwardsburgh/Cardinal Twp	Spencerville	SOLS	795	18,028
16	22.30	9.8	L0119	Cramahe Twp	Colborne	SOLS	2,317	51,669
17	22.21	14.6	L0115	Clearview Twp	Stayner	SOLS	9,007	200,008
18	22.05	12.7	L0065	The Blue Mountains	Thornbury	SOLS	4,244	93,596
19	21.91	7.9	L0203	Meaford	Meaford	SOLS	4,022	88,134
20	21.58	13.0	L0014	Arnprior	Arnprior	SOLS	4,906	105,863
21	21.50	14.0	L0466	Brighton Public Library Board	Brighton	SOLS	5,947	127,859
22	20.87	3.4	L0336	West Grey Twp	Durham	SOLS	1,992	41,564
23	20.82	5.7	L0500	Trent Hills	Campbellford	SOLS	3,450	71,836
24	20.27	4.0	L0108	Champlain Twp	Vankleek Hill	SOLS	1,526	30,932
25	19.93	8.3	L0168	Gravenhurst Public Library	Gravenhurst	SOLS	5,015	99,925
26	19.80	11.9	L0048	Carleton Place	Carleton Place	SOLS	6,088	120,527
27	19.75	3.5	L0482	Whitewater Region	Beachburg	SOLS	1,042	20,581
28	19.51	3.8	L0165	Oliver Paipoonge	Murillo	OLS-N	1,117	21,790
29	17.99	4.1	L0487	Alnwick/Haldimand Twp	Grafton	SOLS	1,512	27,195
30	17.86	9.4	L0362	Wainfleet Twp	Wainfleet	SOLS	3,084	55,070
31	17.35	6.7	L0117	Cochrane Public Library Board	Cochrane	OLS-N	2,069	35,902
32	16.14	3.3	L0371	West Nipissing	Sturgeon Falls	OLS-N	2,928	47,258
33	15.95	14.7	L0022	Midland	Midland	SOLS	12,124	193,404
34	15.75	5.8	L0287	Ramara Twp	Brechin	SOLS	2,962	46,665
35	15.52	1.1	L0136	Douro-Dummer Twp	Douro	SOLS	417	6,472
36	15.41	8.8	L0070	Bracebridge	Bracebridge	SOLS	8,484	130,749
37	15.08	6.5	L0180	Hearst Twp	Hearst	OLS-N	2,188	32,986
38	15.07	7.0	L0209	Smiths Falls	Smiths Falls	SOLS	4,144	62,463
39	15.04	3.8	L0038	Brock Twp	Beaverton	SOLS	2,956	44,465
40	15.03	5.1	L0255	Otonabee-South Monaghan Twp	Keene	SOLS	2,265	34,050
41	14.88	5.8	L0160	Gananoque	Gananoque	SOLS	2,017	30,006
42	14.61	7.7	L0031	Sioux Lookout	Sioux Lookout	OLS-N	2,824	41,253
43	14.60	13.9	L0263	Penetanguishene	Penetanguishene	SOLS	8,655	126,350
44	14.49	6.1	L0045	Cavan Monaghan Public Library Board, Township of	Millbrook	SOLS	3,602	52,188
45	14.35	7.2	L0498	Rideau Lakes Public Library	Elgin	SOLS	5,182	74,350
46	14.22	10.1	L0210	Mississippi Mills	Almonte	SOLS	8,816	125,368
47	14.08	4.8	L0152	Elliot Lake	Elliot Lake	OLS-N	3,487	49,097
48	13.95	3.5	L0332	Southgate Twp.	Dundalk	SOLS	1,814	25,297
49	13.52	6.8	L0477	Leeds and the Thousand Islands Twp	Lansdowne	SOLS	4,650	62,860
50	13.38	7.9	L0472	Grey Highlands	Flesherton	SOLS	5,003	66,921
51	13.06	1.9	L0469	Elizabethtown - Kitley	Addison	SOLS	1,408	18,385
52	12.81	5.3	L1037	Temiskaming Shores	Haileybury	OLS-N	4,313	55,267
53	12.80	8.8	L0095	Parry Sound	Parry Sound	OLS-N	4,244	54,330
54	12.73	11.8	L0075	Shelburne	Shelburne	SOLS	6,305	80,254
55	11.57	3.8	L0091	Bibliotheque Publique du Canton de la Nation	St-Isidore	SOLS	3,784	43,780
56	11.48	4.3	L0330	Lanark Highlands	Lanark	SOLS	1,917	22,009
57	11.27	4.5	L0212	Muskoka Lakes Twp	Port Carling	SOLS	2,551	28,760
58	10.86	5.7	L0159	Trent Lakes	Buckhorn	SOLS	2,686	29,178
59	10.79	4.2	L0122	Kapuskasung	Kapuskasung	OLS-N	2,845	30,695
60	10.74	5.3	L0126	Kirkland Lake	Kirkland Lake	OLS-N	4,198	45,099
61	9.14	9.2	L0052	Espanola	Espanola	OLS-N	5,398	49,333
62	8.99	2.7	L0010	Augusta Twp	Brockville	SOLS	2,248	20,204
63	8.31	4.7	L0080	Bonnechere Union	Eganville	SOLS	3,316	27,545
64	8.15	5.3	L0059	Hawkesbury	Hawkesbury	SOLS	7,012	57,163

Table 6 (Continued): Rank Order Table: Circulations per active library cardholder, Ontario Public Libraries, 2014

Rank	Annual Circulations per cardholder	Annual Circulations per capita	Library Number	Library Name	City	OLS Region	Active Cardholders	Total Annual Direct Circulations
Band 7 (Resident population greater than 2,500 and fewer than 5,001)								
1	66.66	17.4	L0196	Marathon	Marathon	OLS-N	875	58,325
2	39.72	16.5	L0178	Wawa	Wawa	OLS-N	1,229	48,817
3	27.82	2.0	L0018	Athens Twp	Athens	SOLS	201	5,591
4	27.15	5.2	L0429	Blind River	Blind River	OLS-N	700	19,003
5	25.23	6.8	L1036	Callander	Callander	OLS-N	1,036	26,139
6	24.26	11.7	L0204	Merrickville-Wolford	Merrickville	SOLS	1,361	33,023
7	23.06	15.8	L0051	Deep River	Deep River	OLS-N	2,945	67,899
8	19.30	3.3	L0002	Admaston/Bromley Twp	Douglas	SOLS	456	8,800
9	18.99	5.3	L0274	Prescott	Prescott	SOLS	1,187	22,537
10	18.86	5.9	L0232	Northeastern Manitoulin and the Islands	Little Current On	OLS-N	850	16,027
11	16.69	10.0	L0011	Atikokan	Atikokan	OLS-N	1,562	26,074
12	16.41	8.2	L0318	Stirling-Rawdon	Stirling	SOLS	2,491	40,865
13	16.19	7.3	L0278	Iroquois Falls	Iroquois Falls	OLS-N	1,850	29,948
14	15.80	6.4	L0303	Sables-Spanish Rivers Twp	Massey	OLS-N	1,119	17,675
15	15.24	4.2	L0145	East Ferris	Astorville	OLS-N	1,322	20,148
16	14.55	2.4	L0448	Front of Yonge Twp	Mallorytown	SOLS	450	6,549
17	14.13	6.1	L0058	Havelock-Belmont-Methuen Twp	Havelock	SOLS	1,728	24,424
18	13.97	6.7	L0496	Madawaska Valley Twp	Barry's Bay	SOLS	1,872	26,144
19	13.44	7.0	L0090	Burk's Falls, Armour & Ryerson Union	Burk's Falls	OLS-N	1,549	20,821
20	13.30	19.9	L0238	Lake of Bays Twp	Baysville	SOLS	4,905	65,241
21	12.55	6.5	L0471	Greenstone	Geraldton	OLS-N	2,318	29,095
22	10.57	4.1	L0321	Seguin Twp	Seguin	OLS-N	1,669	17,647
23	10.48	4.6	L0290	Red Lake	Balmertown	OLS-N	2,041	21,388
24	10.03	6.5	L0107	Casselman	Casselman	SOLS	2,052	20,577
25	9.53	6.9	L0463	Marmora and Lake Twp	Marmora	SOLS	2,928	27,918
26	8.69	6.8	L0355	Tweed	Tweed	SOLS	3,900	33,900
27	8.68	2.0	L0016	Asphodel-Norwood	Norwood	SOLS	911	7,903
28	8.03	6.7	L0062	Bancroft Town	Bancroft	SOLS	3,188	25,611
29	7.70	4.7	L0110	Centre Hastings	Madoc	SOLS	2,790	21,473
30	7.12	3.5	L0384	Laurentian Hills	Deep River	SOLS	1,383	9,843
31	7.08	3.4	L0475	Hastings Highlands Twp	Maynooth	SOLS	1,989	14,088
32	4.25	3.1	L0339	Tyendinaga Twp	Shannonville	SOLS	2,654	11,271
Band 8 (Resident population fewer than 2,501)								
1	62.61	20.0	L0322	Britt Area	Britt	OLS-N	301	18,846
2	32.20	6.3	L0430	Cartier	Cartier	OLS-N	59	1,900
3	31.71	11.6	L0374	Westport	Westport	SOLS	218	6,912
4	27.49	5.5	L0313	St. Charles	St. Charles	OLS-N	256	7,038
5	26.44	10.0	L0357	Val Rita-Harty Twp	Val Rita	OLS-N	294	7,774
6	26.16	25.7	L0131	Rainy River	Rainy River	OLS-N	657	17,187
7	25.10	22.2	L0073	Town of Grand Valley Public Library Board	Grand Valley	SOLS	2,049	51,440
8	24.37	14.5	L0250	Opasatika	Opasatika	OLS-N	127	3,095
9	23.49	5.3	L0084	Bonfield	Bonfield	OLS-N	453	10,639
10	23.05	11.2	L0044	Bruce Mines & Plummer Additional Union	Bruce Mines	OLS-N	589	13,578
11	22.66	23.1	L0179	Head, Clara & Maria	Stonecliffe	SOLS	208	4,714
12	22.44	7.4	L0225	Nipigon Twp	Nipigon	OLS-N	540	12,117
13	21.29	13.5	L0195	Manitouwadge	Manitouwadge	OLS-N	1,174	24,997
14	20.13	8.0	L0284	Sundridge-Strong Union	Sundridge	OLS-N	875	17,618
15	19.14	14.3	L0021	Temagami	Temagami	OLS-N	613	11,731
16	19.01	17.3	L0134	Mattawa	Mattawa	OLS-N	1,920	36,500
17	18.41	4.2	L0381	Spanish Twp	Spanish	OLS-N	160	2,946
18	18.05	10.0	L0211	Moonbeam Twp	Moonbeam	OLS-N	577	10,417
19	17.94	6.8	L0375	White River Twp	White River	OLS-N	319	5,724
20	17.84	4.6	L0013	Armstrong Twp	Earlton	OLS-N	312	5,566
21	17.49	15.3	L0017	Assiginack Twp	Manitoulin Island	OLS-N	841	14,706
22	17.31	8.1	L0194	Magnetawan Twp	Magnetawan	OLS-N	554	9,588
23	16.97	12.4	L0162	Georgian Bay Twp	Honey Harbour	SOLS	1,528	25,928
24	16.97	22.2	L0377	Whitstone-Hagerman Memorial	Dunchurch	OLS-N	1,348	22,871
25	16.89	14.7	L0050	Dorion Twp	Dorion	OLS-N	296	5,000
26	16.38	8.4	L0240	Larder Lake Public Library	Larder Lake	OLS-N	375	6,141
27	16.30	8.0	L0291	Red Rock Twp	Red Rock	OLS-N	460	7,497
28	15.67	6.5	L0302	Gore Bay Union	Gore Bay	OLS-N	700	10,966
29	15.49	5.2	L0312	South River-Machar Union	South River	OLS-N	629	9,746
30	15.21	13.9	L0055	Fauquier-Strickland Twp	Fauquier	OLS-N	479	7,287

Table 6 (Continued): Rank Order Table: Circulations per active library cardholder, Ontario Public Libraries, 2014

Rank	Annual Circulations per cardholder	Annual Circulations per capita	Library Number	Library Name	City	OLS Region	Active Cardholders	Total Annual Direct Circulations
Band 8 (Continued) (Resident population fewer than 2,501)								
31	14.98	9.8	L0380	Wollaston and Limerick Union	Coe Hill	SOLS	658	9,858
32	14.92	14.9	L0307	Simcoe County Co-operative	Midhurst	SOLS	737	10,994
33	14.92	8.7	L0323	Deseronto	Deseronto	SOLS	1,074	16,021
34	14.83	7.8	L0123	Kearney & Area	Kearney	OLS-N	443	6,569
35	13.99	4.1	L0083	Black River-Matheson Twp	Matheson	OLS-N	683	9,552
36	13.85	4.3	L0184	Hornepayne Twp	Hornepayne	OLS-N	328	4,542
37	13.37	4.6	L0327	Ignace	Ignace	OLS-N	410	5,480
38	13.21	9.4	L0183	Hilton Union	Hilton Beach	OLS-N	302	3,989
39	12.87	11.0	L0344	Terrace Bay Twp	Terrace Bay	OLS-N	1,166	15,011
40	12.81	7.4	L0427	Dubreuilville Twp	Dubreuilville	OLS-N	365	4,677
41	12.37	7.8	L0020	Mattice-Val Cote Twp	Mattice	OLS-N	425	5,259
42	11.97	3.2	L0202	Perry Twp	Emsdale	OLS-N	479	5,736
43	11.92	17.1	L0098	Emo Twp	Emo	OLS-N	1,519	18,104
44	11.66	2.5	L0478	Greater Madawaska Twp	Calabogie	SOLS	542	6,320
45	11.45	6.5	L0308	Sioux Narrows Nestor Falls Twp	Sioux Narrows	OLS-N	410	4,696
46	11.35	3.2	L0200	McKellar Twp	McKellar	OLS-N	281	3,188
47	10.77	5.7	L0497	Loring, Port Loring and District Local Services Board	Port Loring	OLS-N	420	4,523
48	10.41	11.8	L0199	McGarry Twp	Virginiatown	OLS-N	666	6,935
49	10.30	7.9	L0301	Schreiber Twp	Schreiber	OLS-N	867	8,930
50	9.46	4.5	L0005	Addington Highlands Twp	Flinton	SOLS	930	8,801
51	9.36	5.3	L0311	South Algonquin Twp	Whitney	OLS-N	620	5,806
52	9.35	7.7	L0385	Killaloe, Hagarty & Richards Twp	Killaloe	SOLS	1,840	17,201
53	9.20	9.4	L0325	French River	Noelville	OLS-N	2,421	22,279
54	9.18	13.0	L0054	Englehart	Englehart	OLS-N	1,777	16,312
55	9.17	6.5	L0082	Billings Twp	Kagawong	OLS-N	380	3,483
56	8.29	2.7	L0112	Chapleau Twp	Chapleau	OLS-N	678	5,618
57	8.21	1.1	L0189	Huron Shores	Iron Bridge	OLS-N	235	1,929
58	7.71	2.9	L0450	Tudor & Cashel Twp	Gilmour	SOLS	222	1,712
59	7.60	8.4	L0102	Cobalt Twp	Cobalt	OLS-N	1,245	9,467
60	7.57	1.1	L0046	Conmee Twp	Kakabeka Falls	OLS-N	112	848
61	7.44	3.7	L0144	Ear Falls Twp	Ear Falls	OLS-N	506	3,767
62	7.10	8.0	L0346	Thessalon	Thessalon	OLS-N	1,433	10,177
63	6.90	1.3	L0261	Phelps	Redbridge	OLS-N	275	1,897
64	6.84	7.6	L0343	Tehkummah Twp	Tehkummah	OLS-N	450	3,078
65	6.29	3.0	L0106	Carlow/Mayo Public Library	Bancroft	SOLS	390	2,454
66	5.52	8.1	L0109	Central Manitoulin Twp	Mindemoya	OLS-N	2,875	15,862
67	5.51	4.2	L0447	Markstay-Warren	Markstay	OLS-N	1,813	9,994
68	5.20	4.7	L0280	James Twp	Elk Lake	OLS-N	385	2,002
69	5.00	0.7	L0275	Prince Twp Public Library	Prince Township	OLS-N	142	710
70	4.51	12.3	L0382	North Kawartha Twp	Apsley	SOLS	5,783	26,096
71	2.52	0.7	L0310	Smooth Rock Falls	Smooth Rock Falls	OLS-N	400	1,009
72	1.01	0.8	L0465	Gogama LSB	Gogama	OLS-N	397	400
73	0.73	1.0	L0314	St. Joseph Twp	Richards Landing	OLS-N	1,665	1,213

Table 6 (Continued): Rank Order Table: Circulations per active library cardholder, Ontario Public Libraries, 2014

Rank	Annual Circulations per cardholder	Annual Circulations per capita	Library Number	Library Name	City	OLS Region	Active Cardholders	Total Annual Direct Circulations
<i>First Nations' Libraries</i>								
1	72.38	7.6	L0407	Magnetawan FN	Britt	OLS-N	8	579
2	60.00	7.8	L0425	Whitefish River FN	Birch Island	OLS-N	50	3,000
3	45.78	7.3	L0406	M'Chigeeng FN	M'Chigeeng First Nation	OLS-N	148	6,775
4	36.46	5.7	L0456	Ojibways of the Pic River FN	Heron Bay	OLS-N	82	2,990
5	35.90	3.2	L0415	Saugeen FN	Southampton	SOLS	70	2,513
6	30.00	7.1	L0428	Mattagami FN	Gogama	OLS-N	40	1,200
7	28.75	13.1	L0398	Chippewas of Rama FN	Rama	SOLS	320	9,200
8	27.75	28.0	L0396	Chippewas of Georgina Island FN	Sutton West	SOLS	200	5,549
9	18.67	7.5	L0460	Henvey Inlet FN	Pickerel	OLS-N	75	1,400
10	17.33	3.2	L0446	Rainy River FN	Emo	OLS-N	80	1,386
11	16.67	3.1	L0453	Wahta Mohawk FN	Bala	SOLS	30	500
12	15.56	12.9	L0423	Wasauksing FN	Parry Sound	OLS-N	326	5,074
13	15.46	19.7	L0464	Michipicoten FN	Wawa	OLS-N	79	1,221
14	15.38	2.8	L0411	Chippewas of Nawash FN	Warton	SOLS	130	2,000
15	15.38	8.6	L0439	Temagami FN	Bear Island	OLS-N	130	2,000
16	14.06	17.3	L0419	Sheshegwaning FN	Sheshegwaning	OLS-N	140	1,968
17	11.43	5.6	L0403	Dokis FN	Via Monetville	OLS-N	84	960
18	10.65	2.1	L0391	Algonquins of Pikwakanagan FN	Golden Lake	SOLS	92	980
19	10.45	0.9	L0416	Seine River FN	Seine River FN	OLS-N	29	303
20	9.98	9.0	L0393	Beausoleil First Nation Public Library	Christian Island	SOLS	564	5,626
21	9.93	10.7	L0418	Shawanaga FN	Nobel	OLS-N	200	1,986
22	9.59	0.6	L0412	Nipissing FN	Garden Village	OLS-N	58	556
23	9.48	2.1	L1084	Sachigo Lake FN	Sachigo Lake	OLS-N	105	995
24	7.38	1.9	L0413	Ojibways of Onigaming FN	Nestor Falls	OLS-N	120	885
25	6.43	0.8	L0404	Garden River FN	Garden River	OLS-N	150	965
26	5.46	4.1	L0390	Alderville FN	Alderville	SOLS	232	1,266
27	4.62	0.3	L1035	Aundeck-Omni-Kaning FN	Little Current	OLS-N	26	120
28	4.38	1.4	L0402	Curve Lake FN	Curve Lake, ON	SOLS	250	1,095
29	4.34	4.1	L0394	Big Grassy FN	Morson	OLS-N	228	989
30	3.16	1.7	L0417	Serpent River FN	Cutler	OLS-N	190	600
31	3.13	0.4	L0438	Iskatewizaagegan No. 39 FN	Shoal Lake	OLS-N	40	125
32	2.49	0.6	L0405	Mohawks of the Bay of Quinte FN	Tyendinaga Mohawk Territory	SOLS	562	1,397
33	2.11	0.3	L0432	Sagamok Anishnawbek FN	Massey	OLS-N	231	488
34	1.64	0.8	L0409	Naoakamegwanning FN	Naoakamegwanning	OLS-N	353	580
35	1.60	0.7	L0408	Mohawks of Akwesasne FN	Cornwall	SOLS	4,247	6,787
36	1.28	0.4	L0426	Wikwemikong FN	Wikwemikong	OLS-N	988	1,264
37	1.23	0.4	L0462	Bkejwanong FN	Wallaceburg	SOLS	690	849
38	1.11	0.3	L0420	Six Nations FN	Ohswéken	SOLS	3,456	3,850
39	0.75	0.8	L0424	Atikameksheng Anishnawbek Band No. 6 FN	Whitefish First Nation	OLS-N	400	300
40	0.71	0.9	L0459	Mississauga FN	Blind River	OLS-N	496	354
41	0.69	0.1	L0400	Chippewas of the Thames FN	Muncey	SOLS	150	103
42	0.63	0.2	L0397	Chippewas of Kettle & Stony Point FN	Kettle and Stony Point First Na	SOLS	374	237
43	0.51	0.1	L0410	New Credit FN	Hagersville	SOLS	260	133
44	0.43	1.0	L0440	Mississaugas of Scugog Island FN	Port Perry	SOLS	105	45
45	0.33	0.5	L0422	Thessalon FN	Thessalon	OLS-N	150	50
46	0.29	0.7	L0431	Delaware FN	Thamesville	SOLS	373	108

Table 7: Rank Order Table: Total Expenditures per capita, Ontario Public Libraries, 2014

Rank	Expenditures		Library Name	City	OLS Region	Total	
	per capita in \$	Library Number				Operating Expenditures in \$	Population (Resident)
Band 1 (Resident population greater than 250,000)							
1	66.81	L0353	Toronto	Toronto	Toronto	187,630,780	2,808,503
2	55.55	L0474	Hamilton	Hamilton	SOLS	30,321,597	545,850
3	54.65	L0245	London	London	SOLS	20,423,793	373,730
4	50.43	L0481	Ottawa	Ottawa	SOLS	47,994,234	951,727
5	45.37	L0359	Vaughan	Vaughan	SOLS	14,422,701	317,889
6	40.38	L0099	Markham	Markham	SOLS	13,812,801	342,037
7	34.28	L0206	Mississauga	Mississauga	SOLS	26,018,467	759,000
8	27.02	L0041	Brampton	Brampton	SOLS	15,444,493	571,700
Band 2 (Resident population greater than 100,000 and fewer than 250,001)							
1	68.94	L0389	Guelph	Guelph	SOLS	8,703,272	126,250
2	60.19	L0037	Burlington	Burlington	SOLS	10,518,698	174,767
3	56.09	L0349	Thunder Bay	Thunder Bay	OLS-N	6,078,374	108,359
4	55.74	L0253	Oshawa	Oshawa	SOLS	8,917,784	160,000
5	51.67	L0470	Greater Sudbury	Greater Sudbury	OLS-N	8,365,554	161,900
6	50.47	L0294	Richmond Hill	Richmond Hill	SOLS	10,169,141	201,482
7	50.32	L0043	Barrie	Barrie	SOLS	7,227,013	143,634
8	49.96	L0239	Lambton County	Wyoming	SOLS	6,304,412	126,199
9	47.07	L0247	Oakville	Oakville	SOLS	8,816,002	187,300
10	46.46	L0213	Kingston-Frontenac County	Kingston	SOLS	7,098,629	152,777
11	45.81	L0127	Kitchener	Kitchener	SOLS	10,834,572	236,500
12	43.31	L0027	Whitby	Whitby	SOLS	5,732,418	132,345
13	42.31	L0104	Cambridge	Cambridge	SOLS	5,661,692	133,800
14	42.16	L0434	Milton	Milton	SOLS	4,247,075	100,743
15	41.79	L0025	St. Catharines	St. Catharines	SOLS	5,491,857	131,400
16	40.35	L0365	Waterloo City	Waterloo	SOLS	5,382,254	133,395
17	40.10	L0121	Chatham-Kent	Chatham	SOLS	4,173,235	104,075
18	39.47	L0378	Windsor	Windsor	SOLS	8,324,181	210,891
19	34.84	L0032	Ajax	Ajax	SOLS	4,200,177	120,540
20	28.04	L0153	Essex County	Essex	SOLS	4,983,652	177,720
Band 3 (Resident population greater than 50,000 and fewer than 100,001)							
1	78.66	L0367	Wellington County	Fergus	SOLS	7,364,583	93,620
2	64.49	L0033	Aurora	Aurora	SOLS	3,624,500	56,200
3	64.38	L0326	Halton Hills	Georgetown	SOLS	3,679,846	57,160
4	60.50	L0340	Pickering	Pickering	SOLS	5,768,639	95,345
5	55.12	L0089	Bruce County	Town of Saugeen Shores	SOLS	3,368,690	61,119
6	51.91	L0188	Huron County	Clinton	SOLS	2,988,942	57,579
7	50.64	L0222	Niagara Falls	Niagara Falls	SOLS	4,202,758	82,997
8	48.13	L0039	Brantford	Brantford	SOLS	4,692,781	97,499
9	46.49	L0480	Norfolk County	Simcoe	SOLS	2,936,712	63,175
10	46.30	L0191	Sault Ste. Marie	Sault Ste. Marie	OLS-N	3,479,017	75,140
11	45.39	L0049	Caledon	Caledon East	SOLS	3,156,745	69,547
12	45.00	L0205	Middlesex County Library	Strathroy	SOLS	3,370,586	74,898
13	43.28	L0227	North Bay	North Bay	OLS-N	2,321,818	53,651
14	41.03	L0257	Oxford County	Woodstock	SOLS	3,712,536	90,481
15	40.84	L0366	Welland	Welland	SOLS	2,062,199	50,500
16	38.49	L0270	Waterloo Region	Baden	SOLS	2,494,406	64,805
17	38.26	L0268	Peterborough	Peterborough	SOLS	3,010,902	78,700
18	37.48	L0019	Newmarket	Newmarket	SOLS	3,213,863	85,744
19	34.29	L0113	Clarington, Municipality of	Bowmanville	SOLS	3,083,407	89,931
20	33.10	L0319	Stormont, Dundas & Glengarry County	Cornwall	SOLS	2,145,486	64,824
21	24.97	L0476	Kawartha Lakes, City of	Lindsay	SOLS	1,828,148	73,214

Table 7 (Continued): Rank Order Table: Total Expenditures per capita, Ontario Public Libraries, 2014

Rank	Expenditures per capita in \$	Library Number	Library Name	City	OLS Region	Total	
						Operating Expenditures in \$	Population (Resident)
Band 4 (Resident population greater than 30,000 and fewer than 50,001)							
1	89.25	L0277	Innisfil	Innisfil	SOLS	3,120,946	34,968
2	83.71	L0269	Stratford	Stratford	SOLS	2,585,331	30,886
3	67.91	L0023	Orillia	Orillia	SOLS	2,088,632	30,754
4	61.85	L0086	Bradford West Gwillimbury Town	Bradford	SOLS	2,079,244	33,615
5	58.52	L0379	Woodstock	Woodstock	SOLS	2,209,510	37,755
6	56.24	L0040	Brant County	Paris	SOLS	1,757,651	31,252
7	55.95	L0315	St. Thomas	St. Thomas	SOLS	2,120,864	37,905
8	52.17	L0151	Elgin County	St. Thomas	SOLS	2,585,375	49,556
9	46.35	L0047	Cornwall	Cornwall	SOLS	2,147,737	46,340
10	42.58	L0072	Georgina	Keswick	SOLS	2,116,024	49,700
11	41.36	L0285	Quinte West	Trenton	SOLS	1,781,973	43,086
12	41.08	L0081	Belleville	Belleville	SOLS	2,031,451	49,454
13	39.88	L0148	Whitchurch-Stouffville	Stouffville	SOLS	1,774,488	44,500
14	39.53	L0207	New Tecumseth	Alliston	SOLS	1,343,993	33,998
15	38.73	L0351	Timmins	Timmins	OLS-N	1,671,705	43,165
16	38.28	L0256	Owen Sound & North Grey Union	Owen Sound	SOLS	1,476,328	38,564
17	37.96	L0473	Haldimand County	Dunnville	SOLS	1,703,505	44,876
18	31.34	L0243	Lennox and Addington County	Napanee	SOLS	1,310,851	41,824
Band 5 (Resident population greater than 15,000 and fewer than 30,001)							
1	73.47	L0066	Collingwood	Collingwood	SOLS	1,470,655	20,016
2	69.90	L0125	King Twp	King City	SOLS	1,390,856	19,899
3	66.62	L0116	Cobourg	Cobourg	SOLS	1,233,698	18,519
4	60.83	L0185	Huntsville	Huntsville	SOLS	1,159,173	19,056
5	57.49	L0147	East Gwillimbury	Holland Landing	SOLS	1,384,404	24,080
6	55.59	L0074	Orangeville	Orangeville	SOLS	1,597,230	28,734
7	53.36	L0171	Haliburton County	Haliburton	SOLS	881,778	16,526
8	50.30	L0169	Grimsby	Grimsby	SOLS	1,273,963	25,325
9	49.78	L0433	Lincoln	Beamsville	SOLS	1,024,837	20,588
10	48.91	L0276	Prince Edward County	Picton	SOLS	1,235,403	25,258
11	48.04	L0156	Fort Erie	Fort Erie	SOLS	1,439,358	29,960
12	47.52	L0262	Pelham	Fonthill	SOLS	753,096	15,848
13	46.81	L0223	Niagara-on-the-Lake	Niagara-on-the-Lake	SOLS	720,894	15,400
14	46.47	L0499	Port Hope	Port Hope	SOLS	753,452	16,214
15	45.90	L0356	Uxbridge Twp	Uxbridge	SOLS	946,641	20,623
16	45.15	L0485	Kenora City	Kenora	OLS-N	692,976	15,348
17	43.11	L0267	Petawawa	Petawawa	SOLS	695,813	16,142
18	40.63	L0024	Port Colborne	Port Colborne	SOLS	731,489	18,003
19	39.42	L0300	Russell	Russell	SOLS	601,125	15,250
20	37.51	L0088	Brockville	Brockville	SOLS	820,346	21,870
21	34.69	L0387	Essa	Angus	SOLS	641,984	18,505
22	34.18	L0259	Springwater Twp	Midhurst	SOLS	622,790	18,223
23	34.02	L0348	Thorold	Thorold	SOLS	609,979	17,931
24	31.72	L0304	Scugog Memorial	Port Perry	SOLS	684,250	21,570
25	30.23	L0264	Perth and District Union	Perth	SOLS	583,019	19,283
26	28.72	L0364	Wasaga Beach	Wasaga Beach	SOLS	534,668	18,615
27	28.70	L0309	Selwyn	Bridgenorth	SOLS	499,917	17,419
28	27.56	L0228	North Grenville Twp	Kemptville	SOLS	415,813	15,085
29	25.27	L0120	Clarence-Rockland	Rockland	SOLS	653,252	25,851

Table 7 (Continued): Rank Order Table: Total Expenditures per capita, Ontario Public Libraries, 2014

Rank	Expenditures per capita in \$	Library Number	Library Name	City	OLS Region	Total Operating Expenditures in \$	Population (Resident)
Band 6 (Resident population greater than 5,000 and fewer than 15,001)							
1	95.36	L0022	Midland	Midland	SOLS	1,252,593	13,136
2	83.11	L0065	The Blue Mountains	Thornbury	SOLS	611,992	7,364
3	81.38	L0174	Hanover	Hanover	SOLS	609,531	7,490
4	80.74	L0031	Sioux Lookout	Sioux Lookout	OLS-N	430,852	5,336
5	75.84	L0117	Cochrane Public Library Board	Cochrane	OLS-N	404,959	5,340
6	75.64	L0157	Fort Frances	Fort Frances	OLS-N	601,468	7,952
7	73.86	L0292	Renfrew	Renfrew	SOLS	454,835	6,158
8	73.74	L0212	Muskoka Lakes Twp	Port Carling	SOLS	466,354	6,324
9	70.16	L0271	St. Marys Public Library	St. Marys	SOLS	431,930	6,156
10	65.54	L0362	Wainfleet Twp	Wainfleet	SOLS	382,448	5,835
11	62.89	L0203	Meaford	Meaford	SOLS	698,045	11,100
12	60.60	L0052	Espanola	Espanola	OLS-N	325,069	5,364
13	60.49	L0070	Bracebridge	Bracebridge	SOLS	903,773	14,941
14	59.69	L0115	Clearview Twp	Stayner	SOLS	819,757	13,734
15	56.77	L0168	Gravenhurst Public Library	Gravenhurst	SOLS	684,387	12,055
16	56.36	L0138	Dryden	Dryden	OLS-N	353,229	6,267
17	53.55	L0287	Ramara Twp	Brechin	SOLS	434,282	8,110
18	51.70	L0071	Pembroke	Pembroke	SOLS	580,415	11,227
19	50.80	L0014	Arnprior	Arnprior	SOLS	412,170	8,114
20	50.70	L0038	Brock Twp	Beaverton	SOLS	593,139	11,700
21	49.64	L0180	Hearst Twp	Hearst	OLS-N	252,692	5,090
22	49.03	L0075	Shelburne	Shelburne	SOLS	334,255	6,817
23	48.68	L0263	Penetanguishene	Penetanguishene	SOLS	443,527	9,111
24	47.95	L0231	North Perth	Monkton	SOLS	605,639	12,631
25	47.79	L0209	Smiths Falls	Smiths Falls	SOLS	429,036	8,978
26	47.30	L0095	Parry Sound	Parry Sound	OLS-N	292,805	6,191
27	47.09	L1037	Temiskaming Shores	Haileybury	OLS-N	489,693	10,400
28	47.01	L0477	Leeds and the Thousand Islands Twp	Lansdowne	SOLS	436,115	9,277
29	46.54	L0472	Grey Highlands	Flesherton	SOLS	394,938	8,486
30	46.46	L0004	Alfred & Plantagenet Twp	Lefavre	SOLS	376,208	8,097
31	46.30	L0466	Brighton Public Library Board	Brighton	SOLS	424,265	9,164
32	45.30	L0059	Hawkesbury	Hawkesbury	SOLS	492,328	10,869
33	45.09	L0152	Elliot Lake	Elliot Lake	OLS-N	460,769	10,218
34	44.90	L0080	Bonnechere Union	Eganville	SOLS	260,711	5,806
35	43.78	L0342	Tay Twp	Port McNicoll	SOLS	410,500	9,376
36	43.40	L0498	Rideau Lakes Public Library	Elgin	SOLS	447,035	10,300
37	42.76	L0210	Mississippi Mills	Almonte	SOLS	529,545	12,385
38	40.59	L0119	Cramahe Twp	Colborne	SOLS	215,027	5,298
39	38.81	L0048	Carleton Place	Carleton Place	SOLS	394,047	10,154
40	38.62	L0273	Powassan & District Union Public Library	Powassan	OLS-N	235,546	6,099
41	37.25	L0500	Trent Hills	Campbellford	SOLS	469,549	12,604
42	35.00	L0371	West Nipissing	Sturgeon Falls	OLS-N	495,250	14,149
43	34.89	L0159	Trent Lakes	Buckhorn	SOLS	178,120	5,105
44	34.12	L0091	Bibliotheque Publique du Canton de la Nation	St-Isidore	SOLS	398,096	11,668
45	33.86	L0160	Gananoque	Gananoque	SOLS	175,859	5,194
46	33.30	L0126	Kirkland Lake	Kirkland Lake	OLS-N	282,855	8,493
47	32.46	L0045	Cavan Monaghan Public Library Board, Township o	Millbrook	SOLS	279,227	8,601
48	28.09	L0487	Alnwick/Haldimand Twp	Grafton	SOLS	185,848	6,617
49	27.31	L0122	Kapuskasing	Kapuskasing	OLS-N	197,944	7,249
50	26.88	L0372	West Perth	Mitchell	SOLS	239,782	8,919
51	26.15	L0336	West Grey Twp	Durham	SOLS	321,242	12,286
52	25.54	L0265	Perth East	Milverton	SOLS	255,816	10,016
53	24.10	L0108	Champlain Twp	Vankleek Hill	SOLS	185,834	7,711
54	23.50	L0332	Southgate Twp.	Dundalk	SOLS	168,945	7,190
55	23.26	L0370	West Lincoln Twp	Smithville	SOLS	322,580	13,867
56	23.07	L0255	Otonabee-South Monaghan Twp	Keene	SOLS	153,639	6,660
57	18.78	L0165	Oliver Paipoonge	Murillo	OLS-N	107,656	5,732
58	15.95	L0330	Lanark Highlands	Lanark	SOLS	81,786	5,128
59	15.77	L0482	Whitewater Region	Beachburg	SOLS	92,555	5,869
60	14.55	L0467	Edwardsburgh/Cardinal Twp	Spencerville	SOLS	101,232	6,959
61	14.34	L0136	Douro-Dummer Twp	Douro	SOLS	86,993	6,065
62	13.98	L0258	Severn Township Library	Coldwater	SOLS	159,748	11,423
63	13.61	L0010	Augusta Twp	Brockville	SOLS	101,152	7,430
64	13.10	L0469	Elizabethtown - Kitley	Addison	SOLS	127,391	9,724

Table 7 (Continued): Rank Order Table: Total Expenditures per capita, Ontario Public Libraries, 2014

Rank	Expenditures per capita in \$	Library Number	Library Name	City	OLS Region	Total Operating Expenditures in \$	Population (Resident)
Band 7 (Resident population greater than 2,500 and fewer than 5,001)							
1	100.42	L0471	Greenstone	Geraldton	OLS-N	448,554	4,467
2	94.18	L0238	Lake of Bays Twp	Baysville	SOLS	309,303	3,284
3	93.85	L0051	Deep River	Deep River	OLS-N	402,254	4,286
4	84.96	L0011	Atikokan	Atikokan	OLS-N	220,548	2,596
5	69.59	L0278	Iroquois Falls	Iroquois Falls	OLS-N	285,746	4,106
6	67.13	L0178	Wawa	Wawa	OLS-N	199,044	2,965
7	66.96	L0016	Asphodel-Norwood	Norwood	SOLS	270,603	4,041
8	61.70	L0107	Casselman	Casselman	SOLS	196,468	3,184
9	61.11	L0303	Sables-Spanish Rivers Twp	Massey	OLS-N	167,817	2,746
10	58.20	L0196	Marathon	Marathon	OLS-N	195,155	3,353
11	58.09	L0475	Hastings Highlands Twp	Maynooth	SOLS	242,242	4,170
12	52.08	L0090	Burk's Falls, Armour & Ryerson Union	Burk's Falls	OLS-N	154,832	2,973
13	48.80	L0290	Red Lake	Balmertown	OLS-N	227,889	4,670
14	47.24	L0496	Madawaska Valley Twp	Barry's Bay	SOLS	184,057	3,896
15	40.79	L1036	Callander	Callander	OLS-N	157,608	3,864
16	40.75	L0384	Laurentian Hills	Deep River	SOLS	114,545	2,811
17	39.50	L0429	Blind River	Blind River	OLS-N	144,212	3,651
18	38.50	L0062	Bancroft Town	Bancroft	SOLS	147,769	3,838
19	37.82	L0232	Northeastern Manitoulin and the Islands	Little Current On	OLS-N	102,352	2,706
20	34.24	L0355	Tweed	Tweed	SOLS	169,659	4,955
21	34.02	L0274	Prescott	Prescott	SOLS	145,721	4,284
22	33.84	L0339	Tyendinaga Twp	Shannonville	SOLS	121,219	3,582
23	33.74	L0321	Seguin Twp	Seguin	OLS-N	144,285	4,276
24	33.14	L0204	Merrickville-Wolford	Merrickville	SOLS	93,195	2,812
25	32.39	L0318	Stirling-Rawdon	Stirling	SOLS	161,226	4,978
26	32.34	L0058	Havelock-Belmont-Methuen Twp	Havelock	SOLS	129,085	3,992
27	26.54	L0110	Centre Hastings	Madoc	SOLS	120,564	4,543
28	24.97	L0463	Marmora and Lake Twp	Marmora	SOLS	101,620	4,070
29	22.77	L0145	East Ferris	Astorville	OLS-N	108,516	4,766
30	17.30	L0448	Front of Yonge Twp	Mallorytown	SOLS	47,622	2,752
31	15.13	L0018	Athens Twp	Athens	SOLS	42,491	2,809
32	9.05	L0002	Admaston/Bromley Twp	Douglas	SOLS	23,912	2,643
Band 8 (Resident population fewer than 2,501)							
1	857.67	L0307	Simcoe County Co-operative	Midhurst	SOLS	632,103	737
2	148.97	L0301	Schreiber Twp	Schreiber	OLS-N	167,741	1,126
3	148.38	L0344	Terrace Bay Twp	Terrace Bay	OLS-N	202,532	1,365
4	140.43	L0382	North Kawartha Twp	Apsley	SOLS	298,561	2,126
5	125.75	L0211	Moonbeam Twp	Moonbeam	OLS-N	130,655	1,039
6	115.42	L0144	Ear Falls Twp	Ear Falls	OLS-N	118,416	1,026
7	114.13	L0055	Fauquier-Strickland Twp	Fauquier	OLS-N	59,916	525
8	107.80	L0131	Rainy River	Rainy River	OLS-N	72,228	670
9	104.63	L0073	Town of Grand Valley Public Library Board	Grand Valley	SOLS	242,213	2,315
10	100.41	L0240	Larder Lake Public Library	Larder Lake	OLS-N	73,799	735
11	99.57	L0020	Mattice-Val Cote Twp	Mattice	OLS-N	67,108	674
12	97.92	L0050	Dorion Twp	Dorion	OLS-N	33,293	340
13	95.45	L0377	Whitestone-Hagerman Memorial	Dunchurch	OLS-N	98,315	1,030
14	84.46	L0162	Georgian Bay Twp	Honey Harbour	SOLS	176,596	2,091
15	84.37	L0044	Bruce Mines & Plummer Additional Union	Bruce Mines	OLS-N	102,599	1,216
16	81.38	L0184	Hornepayne Twp	Hornepayne	OLS-N	85,446	1,050
17	77.04	L0291	Red Rock Twp	Red Rock	OLS-N	72,573	942
18	76.08	L0021	Temagami	Temagami	OLS-N	62,386	820
19	75.11	L0195	Manitouowadge	Manitouowadge	OLS-N	139,025	1,851
20	74.99	L0054	Englehart	Englehart	OLS-N	94,257	1,257
21	74.91	L0381	Spanish Twp	Spanish	OLS-N	52,135	696
22	74.68	L0199	McGarry Twp	Virginiatown	OLS-N	43,763	586
23	72.27	L0194	Magnetawan Twp	Magnetawan	OLS-N	85,637	1,185
24	69.09	L0323	Deseronto	Deseronto	SOLS	126,780	1,835
25	67.92	L0280	James Twp	Elk Lake	OLS-N	28,796	424
26	67.80	L0098	Emo Twp	Emo	OLS-N	71,599	1,056
27	66.71	L0082	Billings Twp	Kagawong	OLS-N	35,492	532
28	64.21	L0225	Nipigon Twp	Nipigon	OLS-N	104,721	1,631
29	64.08	L0183	Hilton Union	Hilton Beach	OLS-N	27,104	423
30	64.07	L0325	French River	Noelville	OLS-N	151,202	2,360

Table 7 (Continued): Rank Order Table: Total Expenditures per capita, Ontario Public Libraries, 2014

Rank	Expenditures per capita in \$	Library Number	Library Name	City	OLS Region	Total Operating Expenditures in \$	Population (Resident)
Band 8 (Continued) (Resident population fewer than 2,501)							
31	62.66	L0357	Val Rita-Harty Twp	Val Rita	OLS-N	48,564	775
32	57.22	L0374	Westport	Westport	SOLS	33,990	594
33	56.11	L0112	Chapleau Twp	Chapleau	OLS-N	118,721	2,116
34	53.46	L0005	Addington Highlands Twp	Flinton	SOLS	103,974	1,945
35	52.23	L0375	White River Twp	White River	OLS-N	43,929	841
36	52.07	L0102	Cobalt Twp	Cobalt	OLS-N	58,997	1,133
37	51.96	L0109	Central Manitoulin Twp	Mindemoya	OLS-N	101,744	1,958
38	51.16	L0134	Mattawa	Mattawa	OLS-N	108,150	2,114
39	50.83	L0327	Ignace	Ignace	OLS-N	61,093	1,202
40	44.69	L0179	Head, Clara & Maria	Stonecliffe	SOLS	9,117	204
41	43.74	L0311	South Algonquin Twp	Whitney	OLS-N	47,543	1,087
42	42.84	L0385	Killaloe, Hagarty & Richards Twp	Killaloe	SOLS	95,497	2,229
43	42.39	L0017	Assignack Twp	Manitoulin Island	OLS-N	40,690	960
44	41.36	L0313	St. Charles	St. Charles	OLS-N	53,021	1,282
45	41.17	L0123	Kearney & Area	Kearney & Area	OLS-N	34,625	841
46	40.86	L0312	South River-Machar Union	South River	OLS-N	75,967	1,859
47	40.74	L0250	Opasatika	Opasatika	OLS-N	8,718	214
48	39.70	L0200	McKellar Twp	McKellar	OLS-N	39,936	1,006
49	39.60	L0284	Sundridge-Strong Union	Sundridge	OLS-N	87,030	2,198
50	39.20	L0013	Armstrong Twp	Earlton	OLS-N	47,662	1,216
51	38.43	L0308	Sioux Narrows Nestor Falls Twp	Sioux Narrows	OLS-N	27,666	720
52	37.71	L0202	Perry Twp	Emsdale	OLS-N	68,440	1,815
53	37.14	L0346	Thessalon	Thessalon	OLS-N	47,534	1,280
54	36.51	L0084	Bonfield	Bonfield	OLS-N	73,614	2,016
55	35.81	L0447	Markstay-Warren	Markstay	OLS-N	84,724	2,366
56	32.87	L0380	Wollaston and Limerick Union	Coe Hill	SOLS	32,997	1,004
57	32.59	L0310	Smooth Rock Falls	Smooth Rock Falls	OLS-N	44,843	1,376
58	32.17	L0478	Greater Madawaska Twp	Calabogie	SOLS	79,936	2,485
59	31.63	L0083	Black River-Matheson Twp	Matheson	OLS-N	73,756	2,332
60	28.89	L0302	Gore Bay Union	Gore Bay	OLS-N	48,648	1,684
61	28.30	L0314	St. Joseph Twp	Richards Landing	OLS-N	33,994	1,201
62	21.33	L0106	Carlow/Mayo Public Library	Bancroft	SOLS	17,684	829
63	20.52	L0189	Huron Shores	Iron Bridge	OLS-N	35,353	1,723
64	20.46	L0275	Prince Twp Public Library	Prince Township	OLS-N	21,096	1,031
65	19.16	L0343	Tehkummah Twp	Tehkummah	OLS-N	7,779	406
66	11.86	L0427	Dubreuilville Twp	Dubreuilville	OLS-N	7,531	635
67	11.00	L0465	Gogama LSB	Gogama	OLS-N	5,225	475
68	10.34	L0450	Tudor & Cashel Twp	Gilmour	SOLS	6,062	586
69	7.26	L0497	Loring, Port Loring and District Local Services Board	Port Loring	OLS-N	5,808	800
70	6.65	L0430	Cartier	Cartier	OLS-N	1,995	300
71	5.32	L0261	Phelps	Redbridge	OLS-N	7,981	1,500
72	3.66	L0046	Conmee Twp	Kakabeka Falls	OLS-N	2,798	764
73	3.24	L0322	Britt Area	Britt	OLS-N	3,047	940

Table 7 (Continued): Rank Order Table: Total Expenditures per capita, Ontario Public Libraries, 2014

Rank	Expenditures per capita in \$	Library Number	Library Name	City	OLS Region	Total	
						Operating Expenditures in \$	Population (Resident)
First Nations' Libraries							
1	388.53	L0464	Michipicoten FN	Wawa	OLS-N	24,089	62
2	373.35	L0396	Chippewas of Georgina Island FN	Sutton West	SOLS	73,924	198
3	351.91	L0398	Chippewas of Rama FN	Rama	SOLS	247,039	702
4	327.39	L0407	Magnetawan FN	Britt	OLS-N	24,882	76
5	280.85	L0440	Mississaugas of Scugog Island FN	Port Perry	SOLS	13,200	47
6	274.25	L0422	Thessalon FN	Thessalon	OLS-N	29,070	106
7	230.71	L0403	Dokis FN	Via Monetville	OLS-N	39,682	172
8	188.70	L0428	Mattagami FN	Gogama	OLS-N	31,891	169
9	156.70	L0431	Delaware FN	Thamesville	SOLS	23,192	148
10	147.74	L0418	Shawanaga FN	Nobel	OLS-N	27,332	185
11	129.82	L0419	Sheshegwaning FN	Sheshegwaning	OLS-N	14,800	114
12	127.87	L0394	Big Grassy FN	Morson	OLS-N	31,200	244
13	127.58	L0460	Henvey Inlet FN	Pickrel	OLS-N	23,730	186
14	114.86	L0453	Wahta Mohawk FN	Bala	SOLS	18,262	159
15	102.01	L1084	Sachigo Lake FN	Sachigo Lake	OLS-N	49,373	484
16	98.16	L0424	Atikameksheng Anishnawbek Band No. 6 FN	Whitefish First Nation	OLS-N	36,516	372
17	97.04	L0416	Seine River FN	Seine River FN	OLS-N	32,993	340
18	96.26	L0425	Whitefish River FN	Birch Island	OLS-N	36,868	383
19	82.85	L0439	Temagami FN	Bear Island	OLS-N	19,304	233
20	72.28	L0390	Alderville FN	Alderville	SOLS	22,480	311
21	66.21	L0393	Beausoleil First Nation Public Library	Christian Island	SOLS	41,581	628
22	60.64	L0415	Saugeen FN	Southampton	SOLS	48,327	797
23	58.55	L0417	Serpent River FN	Cutler	OLS-N	21,020	359
24	54.05	L0412	Nipissing FN	Garden Village	OLS-N	51,182	947
25	50.76	L0423	Wasauksing FN	Parry Sound	OLS-N	19,897	392
26	49.33	L0391	Algonquins of Pikwakanagan FN	Golden Lake	SOLS	22,841	463
27	48.14	L0459	Mississauga FN	Blind River	OLS-N	18,824	391
28	48.08	L0438	Iskatewizaagegan No. 39 FN	Shoal Lake	OLS-N	15,242	317
29	47.13	L0402	Curve Lake FN	Curve Lake, ON	SOLS	36,902	783
30	41.20	L0406	M'Chigeeng FN	M'Chigeeng First Nation	OLS-N	38,238	928
31	40.34	L0408	Mohawks of Akwesasne FN	Cornwall	SOLS	382,971	9,493
32	39.43	L0462	Bkejwanong FN	Wallaceburg	SOLS	91,075	2,310
33	38.78	L0405	Mohawks of the Bay of Quinte FN	Tyendinaga Mohawk Territory	SOLS	83,889	2,163
34	35.70	L0409	Naotkamegwanning FN	Naotkamegwanning	OLS-N	26,278	736
35	31.79	L0413	Ojibways of Onigaming FN	Nestor Falls	OLS-N	14,591	459
36	31.75	L0446	Rainy River FN	Emo	OLS-N	13,653	430
37	28.24	L0432	Sagamok Anishnawbek FN	Massey	OLS-N	43,941	1,556
38	27.31	L0410	New Credit FN	Hagersville	SOLS	25,456	932
39	26.94	L0456	Ojibways of the Pic River FN	Heron Bay	OLS-N	14,249	529
40	23.23	L0420	Six Nations FN	Ohsweken	SOLS	288,879	12,436
41	23.14	L0426	Wikwemikong FN	Wikwemikong	OLS-N	72,087	3,115
42	22.01	L0411	Chippewas of Nawash FN	Warton	SOLS	15,822	719
43	21.58	L0400	Chippewas of the Thames FN	Muncey	SOLS	20,700	959
44	14.11	L0397	Chippewas of Kettle & Stony Point FN	Kettle and Stony Point First Nati	SOLS	18,711	1,326
45	13.03	L0404	Garden River FN	Garden River	OLS-N	15,741	1,208
46	5.56	L1035	Aundeck-Omni-Kaning FN	Little Current	OLS-N	2,000	360

Table 8: Rank Order Table: Total Expenditures per Active Cardholder, Ontario Public Libraries, 2014

Rank	Expenditures per Active Cardholder		Library Name	City	OLS Region	Total Operating Expenditures in \$	Active Cardholders
	in \$	Library Number					
Band 1 (Resident population greater than 250,000)							
1	199.34	L0353	Toronto	Toronto	Toronto	187,630,780	941,265
2	191.19	L0474	Hamilton	Hamilton	SOLS	30,321,597	158,593
3	168.12	L0481	Ottawa	Ottawa	SOLS	47,994,234	285,480
4	137.92	L0245	London	London	SOLS	20,423,793	148,085
5	111.03	L0359	Vaughan	Vaughan	SOLS	14,422,701	129,901
6	109.90	L0206	Mississauga	Mississauga	SOLS	26,018,467	236,757
7	101.79	L0041	Brampton	Brampton	SOLS	15,444,493	151,728
8	63.22	L0099	Markham	Markham	SOLS	13,812,801	218,500
Band 2 (Resident population greater than 100,000 and fewer than 250,001)							
1	193.37	L0239	Lambton County	Wyoming	SOLS	6,304,412	32,603
2	192.89	L0349	Thunder Bay	Thunder Bay	OLS-N	6,078,374	31,512
3	182.06	L0378	Windsor	Windsor	SOLS	8,324,181	45,723
4	181.60	L0121	Chatham-Kent	Chatham	SOLS	4,173,235	22,981
5	165.90	L0037	Burlington	Burlington	SOLS	10,518,698	63,403
6	164.95	L0294	Richmond Hill	Richmond Hill	SOLS	10,169,141	61,651
7	162.46	L0153	Essex County	Essex	SOLS	4,983,652	30,677
8	157.01	L0389	Guelph	Guelph	SOLS	8,703,272	55,433
9	141.11	L0253	Oshawa	Oshawa	SOLS	8,917,784	63,199
10	140.65	L0104	Cambridge	Cambridge	SOLS	5,661,692	40,253
11	139.55	L0043	Barrie	Barrie	SOLS	7,227,013	51,787
12	122.67	L0032	Ajax	Ajax	SOLS	4,200,177	34,240
13	115.62	L0127	Kitchener	Kitchener	SOLS	10,834,572	93,711
14	105.96	L0027	Whitby	Whitby	SOLS	5,732,418	54,098
15	105.44	L0470	Greater Sudbury	Greater Sudbury	OLS-N	8,365,554	79,343
16	97.63	L0247	Oakville	Oakville	SOLS	8,816,002	90,296
17	90.89	L0025	St. Catharines	St. Catharines	SOLS	5,491,857	60,424
18	84.91	L0365	Waterloo City	Waterloo	SOLS	5,382,254	63,391
19	79.71	L0434	Milton	Milton	SOLS	4,247,075	53,280
20	74.09	L0213	Kingston-Frontenac County	Kingston	SOLS	7,098,629	95,808
Band 3 (Resident population greater than 50,000 and fewer than 100,001)							
1	249.07	L0319	Stormont, Dundas & Glengarry County	Cornwall	SOLS	2,145,486	8,614
2	228.08	L0367	Wellington County	Fergus	SOLS	7,364,583	32,290
3	224.38	L0326	Halton Hills	Georgetown	SOLS	3,679,846	16,400
4	206.60	L0257	Oxford County	Woodstock	SOLS	3,712,536	17,970
5	193.58	L0049	Caledon	Caledon East	SOLS	3,156,745	16,307
6	176.33	L0188	Huron County	Clinton	SOLS	2,988,942	16,951
7	166.89	L0039	Brantford	Brantford	SOLS	4,692,781	28,119
8	166.11	L0191	Sault Ste. Marie	Sault Ste. Marie	OLS-N	3,479,017	20,944
9	150.90	L0270	Waterloo Region	Baden	SOLS	2,494,406	16,530
10	149.87	L0205	Middlesex County Library	Strathroy	SOLS	3,370,586	22,490
11	147.62	L0366	Welland	Welland	SOLS	2,062,199	13,970
12	140.07	L0268	Peterborough	Peterborough	SOLS	3,010,902	21,495
13	140.00	L0480	Norfolk County	Simcoe	SOLS	2,936,712	20,976
14	139.63	L0089	Bruce County	Town of Saugeen Shores	SOLS	3,368,690	24,125
15	137.53	L0019	Newmarket	Newmarket	SOLS	3,213,863	23,368
16	132.57	L0340	Pickering	Pickering	SOLS	5,768,639	43,513
17	127.11	L0033	Aurora	Aurora	SOLS	3,624,500	28,514
18	94.08	L0476	Kawartha Lakes, City of	Lindsay	SOLS	1,828,148	19,431
19	82.22	L0222	Niagara Falls	Niagara Falls	SOLS	4,202,758	51,116
20	68.49	L0113	Clarington, Municipality of	Bowmanville	SOLS	3,083,407	45,022
21	53.03	L0227	North Bay	North Bay	OLS-N	2,321,818	43,779

Table 8 (Continued): Rank Order Table: Total Expenditures per Active Cardholder, Ontario Public Libraries, 2014

Rank	Expenditures per Active Cardholder		Library Name	City	OLS Region	Total Operating Expenditures per Active Cardholders	
	in \$	Library Number				in \$	Cardholders
Band 4 (Resident population greater than 30,000 and fewer than 50,001)							
1	285.17	L0269	Stratford	Stratford	SOLS	2,585,331	9,066
2	236.73	L0151	Elgin County	St. Thomas	SOLS	2,585,375	10,921
3	166.56	L0207	New Tecumseth	Alliston	SOLS	1,343,993	8,069
4	165.40	L0315	St. Thomas	St. Thomas	SOLS	2,120,864	12,823
5	163.08	L0047	Cornwall	Cornwall	SOLS	2,147,737	13,170
6	161.31	L0277	Innisfil	Innisfil	SOLS	3,120,946	19,348
7	157.78	L0243	Lennox and Addington County	Napanee	SOLS	1,310,851	8,308
8	150.02	L0023	Orillia	Orillia	SOLS	2,088,632	13,922
9	148.06	L0351	Timmins	Timmins	OLS-N	1,671,705	11,291
10	141.00	L0072	Georgina	Keswick	SOLS	2,116,024	15,007
11	140.82	L0379	Woodstock	Woodstock	SOLS	2,209,510	15,690
12	125.09	L0040	Brant County	Paris	SOLS	1,757,651	14,051
13	122.96	L0256	Owen Sound & North Grey Union	Owen Sound	SOLS	1,476,328	12,007
14	118.13	L0473	Haldimand County	Dunnville	SOLS	1,703,505	14,420
15	97.40	L0081	Belleville	Belleville	SOLS	2,031,451	20,857
16	96.01	L0285	Quinte West	Trenton	SOLS	1,781,973	18,561
17	94.49	L0086	Bradford West Gwillimbury Town	Bradford	SOLS	2,079,244	22,005
18	71.84	L0148	Whitchurch-Stouffville	Stouffville	SOLS	1,774,488	24,702
Band 5 (Resident population greater than 15,000 and fewer than 30,001)							
1	238.48	L0147	East Gwillimbury	Holland Landing	SOLS	1,384,404	5,805
2	206.41	L0074	Orangeville	Orangeville	SOLS	1,597,230	7,738
3	164.28	L0169	Grimsby	Grimsby	SOLS	1,273,963	7,755
4	163.92	L0125	King Twp	King City	SOLS	1,390,856	8,485
5	155.20	L0276	Prince Edward County	Picton	SOLS	1,235,403	7,960
6	153.87	L0066	Collingwood	Collingwood	SOLS	1,470,655	9,558
7	149.32	L0485	Kenora City	Kenora	OLS-N	692,976	4,641
8	141.72	L0171	Haliburton County	Haliburton	SOLS	881,778	6,222
9	141.28	L0433	Lincoln	Beamsville	SOLS	1,024,837	7,254
10	137.80	L0156	Fort Erie	Fort Erie	SOLS	1,439,358	10,445
11	134.53	L0387	Essa	Angus	SOLS	641,984	4,772
12	133.40	L0120	Clarence-Rockland	Rockland	SOLS	653,252	4,897
13	127.83	L0259	Springwater Twp	Midhurst	SOLS	622,790	4,872
14	113.03	L0116	Cobourg	Cobourg	SOLS	1,233,698	10,915
15	108.38	L0348	Thorold	Thorold	SOLS	609,979	5,628
16	103.76	L0262	Pelham	Fonthill	SOLS	753,096	7,258
17	102.84	L0300	Russell	Russell	SOLS	601,125	5,845
18	98.71	L0088	Brockville	Brockville	SOLS	820,346	8,311
19	90.44	L0185	Huntsville	Huntsville	SOLS	1,159,173	12,817
20	79.86	L0024	Port Colborne	Port Colborne	SOLS	731,489	9,160
21	77.06	L0264	Perth and District Union	Perth	SOLS	583,019	7,566
22	76.83	L0356	Uxbridge Twp	Uxbridge	SOLS	946,641	12,321
23	75.72	L0223	Niagara-on-the-Lake	Niagara-on-the-Lake	SOLS	720,894	9,521
24	74.57	L0267	Petawawa	Petawawa	SOLS	695,813	9,331
25	73.60	L0304	Scugog Memorial	Port Perry	SOLS	684,250	9,297
26	69.38	L0309	Selwyn	Bridgenorth	SOLS	499,917	7,206
27	54.06	L0499	Port Hope	Port Hope	SOLS	753,452	13,937
28	45.01	L0228	North Grenville Twp	Kemptville	SOLS	415,813	9,239
29	38.18	L0364	Wasaga Beach	Wasaga Beach	SOLS	534,668	14,003

Table 8 (Continued): Rank Order Table: Total Expenditures per Active Cardholder, Ontario Public Libraries, 2014

Rank	Expenditures per Active Cardholder		Library Name	City	Region	Total Operating Expenditures		
	in \$	Library Number				in \$	Active Cardholders	
Band 6 (Resident population greater than 5,000 and fewer than 15,001)								
1	286.70	L0174	Hanover	Hanover	SOLS	609,531	2,126	
2	260.35	L0004	Alfred & Plantagenet Twp	Lefaire	SOLS	376,208	1,445	
3	217.72	L0265	Perth East	Milverton	SOLS	255,816	1,175	
4	208.62	L0136	Douro-Dummer Twp	Douro	SOLS	86,993	417	
5	200.66	L0038	Brock Twp	Beaverton	SOLS	593,139	2,956	
6	195.73	L0117	Cochrane Public Library Board	Cochrane	OLS-N	404,959	2,069	
7	189.35	L0342	Tay Twp	Port McNicoll	SOLS	410,500	2,168	
8	182.81	L0212	Muskoka Lakes Twp	Port Carling	SOLS	466,354	2,551	
9	173.56	L0203	Meaford	Meaford	SOLS	698,045	4,022	
10	169.14	L0371	West Nipissing	Sturgeon Falls	OLS-N	495,250	2,928	
11	166.29	L0157	Fort Frances	Fort Frances	OLS-N	601,468	3,617	
12	161.27	L0336	West Grey Twp	Durham	SOLS	321,242	1,992	
13	152.57	L0031	Sioux Lookout	Sioux Lookout	OLS-N	430,852	2,824	
14	149.76	L0231	North Perth	Monkton	SOLS	605,639	4,044	
15	146.62	L0287	Ramara Twp	Brechin	SOLS	434,282	2,962	
16	144.20	L0065	The Blue Mountains	Thornbury	SOLS	611,992	4,244	
17	142.60	L0271	St. Marys Public Library	St. Marys	SOLS	431,930	3,029	
18	142.15	L0273	Powassan & District Union Public Library	Powassan	OLS-N	235,546	1,657	
19	136.47	L0168	Gravenhurst Public Library	Gravenhurst	SOLS	684,387	5,015	
20	136.10	L0500	Trent Hills	Campbellford	SOLS	469,549	3,450	
21	135.54	L0138	Dryden	Dryden	OLS-N	353,229	2,606	
22	133.81	L0372	West Perth	Mitchell	SOLS	239,782	1,792	
23	132.14	L0152	Elliot Lake	Elliot Lake	OLS-N	460,769	3,487	
24	127.55	L0370	West Lincoln Twp	Smithville	SOLS	322,580	2,529	
25	127.34	L0467	Edwardsburgh/Cardinal Twp	Spencerville	SOLS	101,232	795	
26	124.01	L0362	Wainfleet Twp	Wainfleet	SOLS	382,448	3,084	
27	122.92	L0487	Alnwick/Haldimand Twp	Grafton	SOLS	185,848	1,512	
28	121.78	L0108	Champlain Twp	Vankleek Hill	SOLS	185,834	1,526	
29	116.18	L0292	Renfrew	Renfrew	SOLS	454,835	3,915	
30	115.49	L0180	Hearst Twp	Hearst	OLS-N	252,692	2,188	
31	113.54	L1037	Temiskaming Shores	Haileybury	OLS-N	489,693	4,313	
32	111.87	L0258	Severn Township Library	Coldwater	SOLS	159,748	1,428	
33	106.53	L0070	Bracebridge	Bracebridge	SOLS	903,773	8,484	
34	105.21	L0091	Bibliothèque Publique du Canton de la Nation	St-Isidore	SOLS	398,096	3,784	
35	103.53	L0209	Smiths Falls	Smiths Falls	SOLS	429,036	4,144	
36	103.32	L0022	Midland	Midland	SOLS	1,252,593	12,124	
37	101.72	L0071	Pembroke	Pembroke	SOLS	580,415	5,706	
38	96.38	L0165	Oliver Paipoonge	Murillo	OLS-N	107,656	1,117	
39	93.79	L0477	Leeds and the Thousand Islands Twp	Lansdowne	SOLS	436,115	4,650	
40	93.13	L0332	Southgate Twp.	Dundalk	SOLS	168,945	1,814	
41	92.80	L0119	Cramahe Twp	Colborne	SOLS	215,027	2,317	
42	91.01	L0115	Clearview Twp	Stayner	SOLS	819,757	9,007	
43	90.48	L0469	Elizabethtown - Kitley	Addison	SOLS	127,391	1,408	
44	88.82	L0482	Whitewater Region	Beachburg	SOLS	92,555	1,042	
45	87.19	L0160	Gananoque	Gananoque	SOLS	175,859	2,017	
46	86.27	L0498	Rideau Lakes Public Library	Elgin	SOLS	447,035	5,182	
47	84.01	L0014	Arnprior	Arnprior	SOLS	412,170	4,906	
48	78.94	L0472	Grey Highlands	Flesherton	SOLS	394,938	5,003	
49	78.62	L0080	Bonnechere Union	Eganville	SOLS	260,711	3,316	
50	77.52	L0045	Cavan Monaghan Public Library Board, Township of	Millbrook	SOLS	279,227	3,602	
51	71.34	L0466	Brighton Public Library Board	Brighton	SOLS	424,265	5,947	
52	70.21	L0059	Hawkesbury	Hawkesbury	SOLS	492,328	7,012	
53	69.58	L0122	Kapuskasing	Kapuskasing	OLS-N	197,944	2,845	
54	68.99	L0095	Parry Sound	Parry Sound	OLS-N	292,805	4,244	
55	67.83	L0255	Otonabee-South Monaghan Twp	Keene	SOLS	153,639	2,265	
56	67.38	L0126	Kirkland Lake	Kirkland Lake	OLS-N	282,855	4,198	
57	66.31	L0159	Trent Lakes	Buckhorn	SOLS	178,120	2,686	
58	64.73	L0048	Carleton Place	Carleton Place	SOLS	394,047	6,088	
59	60.22	L0052	Espanola	Espanola	OLS-N	325,069	5,398	
60	60.07	L0210	Mississippi Mills	Almonte	SOLS	529,545	8,816	
61	53.01	L0075	Shelburne	Shelburne	SOLS	334,255	6,305	
62	51.25	L0263	Penetanguishene	Penetanguishene	SOLS	443,527	8,655	
63	45.00	L0010	Augusta Twp	Brockville	SOLS	101,152	2,248	
64	42.66	L0330	Lanark Highlands	Lanark	SOLS	81,786	1,917	

Table 8 (Continued): Rank Order Table: Total Expenditures per Active Cardholder, Ontario Public Libraries, 2014

Rank	Expenditures per Active Cardholder		Library Name	City	OLS Region	Total Operating Expenditures	
	in \$	Library Number				in \$	Active Cardholders
Band 7 (Resident population greater than 2,500 and fewer than 5,001)							
1	297.04	L0016	Asphodel-Norwood	Norwood	SOLS	270,603	911
2	223.03	L0196	Marathon	Marathon	OLS-N	195,155	875
3	211.40	L0018	Athens Twp	Athens	SOLS	42,491	201
4	206.02	L0429	Blind River	Blind River	OLS-N	144,212	700
5	193.51	L0471	Greenstone	Geraldton	OLS-N	448,554	2,318
6	161.96	L0178	Wawa	Wawa	OLS-N	199,044	1,229
7	154.46	L0278	Iroquois Falls	Iroquois Falls	OLS-N	285,746	1,850
8	152.13	L1036	Callander	Callander	OLS-N	157,608	1,036
9	149.97	L0303	Sables-Spanish Rivers Twp	Massey	OLS-N	167,817	1,119
10	141.20	L0011	Atikokan	Atikokan	OLS-N	220,548	1,562
11	136.59	L0051	Deep River	Deep River	OLS-N	402,254	2,945
12	122.76	L0274	Prescott	Prescott	SOLS	145,721	1,187
13	121.79	L0475	Hastings Highlands Twp	Maynooth	SOLS	242,242	1,989
14	120.41	L0232	Northeastern Manitoulin and the Islands	Little Current On	OLS-N	102,352	850
15	111.66	L0290	Red Lake	Balmertown	OLS-N	227,889	2,041
16	105.83	L0448	Front of Yonge Twp	Mallorytown	SOLS	47,622	450
17	99.96	L0090	Burk's Falls, Armour & Ryerson Union	Burk's Falls	OLS-N	154,832	1,549
18	98.32	L0496	Madawaska Valley Twp	Barry's Bay	SOLS	184,057	1,872
19	95.74	L0107	Casselton	Casselton	SOLS	196,468	2,052
20	86.45	L0321	Seguin Twp	Seguin	OLS-N	144,285	1,669
21	82.82	L0384	Laurentian Hills	Deep River	SOLS	114,545	1,383
22	82.08	L0145	East Ferris	Astorville	OLS-N	108,516	1,322
23	74.70	L0058	Havelock-Belmont-Methuen Twp	Havelock	SOLS	129,085	1,728
24	68.48	L0204	Merrickville-Wolford	Merrickville	SOLS	93,195	1,361
25	64.72	L0318	Stirling-Rawdon	Stirling	SOLS	161,226	2,491
26	63.06	L0238	Lake of Bays Twp	Baysville	SOLS	309,303	4,905
27	52.44	L0002	Admaston/Bromley Twp	Douglas	SOLS	23,912	456
28	46.35	L0062	Bancroft Town	Bancroft	SOLS	147,769	3,188
29	45.67	L0339	Tyendinaga Twp	Shannonville	SOLS	121,219	2,654
30	43.50	L0355	Tweed	Tweed	SOLS	169,659	3,900
31	43.21	L0110	Centre Hastings	Madoc	SOLS	120,564	2,790
32	34.71	L0463	Marmora and Lake Twp	Marmora	SOLS	101,620	2,928
Band 8 (Resident population fewer than 2,501)							
1	857.67	L0307	Simcoe County Co-operative	Midhurst	SOLS	632,103	737
2	325.84	L0381	Spanish Twp	Spanish	OLS-N	52,135	160
3	260.51	L0184	Hornepayne Twp	Hornepayne	OLS-N	85,446	328
4	234.02	L0144	Ear Falls Twp	Ear Falls	OLS-N	118,416	506
5	226.44	L0211	Moonbeam Twp	Moonbeam	OLS-N	130,655	577
6	207.11	L0313	St. Charles	St. Charles	OLS-N	53,021	256
7	196.80	L0240	Larder Lake Public Library	Larder Lake	OLS-N	73,799	375
8	193.93	L0225	Nipigon Twp	Nipigon	OLS-N	104,721	540
9	193.47	L0301	Schreiber Twp	Schreiber	OLS-N	167,741	867
10	175.10	L0112	Chapleau Twp	Chapleau	OLS-N	118,721	678
11	174.19	L0044	Bruce Mines & Plummer Additional Union	Bruce Mines	OLS-N	102,599	589
12	173.70	L0344	Terrace Bay Twp	Terrace Bay	OLS-N	202,532	1,166
13	165.18	L0357	Val Rita-Harty Twp	Val Rita	OLS-N	48,564	294
14	162.50	L0084	Bonfield	Bonfield	OLS-N	73,614	453
15	157.90	L0020	Mattice-Val Cote Twp	Mattice	OLS-N	67,108	425
16	157.77	L0291	Red Rock Twp	Red Rock	OLS-N	72,573	460
17	155.92	L0374	Westport	Westport	SOLS	33,990	218
18	154.58	L0194	Magnetawan Twp	Magnetawan	OLS-N	85,637	554
19	152.76	L0013	Armstrong Twp	Earlton	OLS-N	47,662	312
20	150.44	L0189	Huron Shores	Iron Bridge	OLS-N	35,353	235
21	149.01	L0327	Ignace	Ignace	OLS-N	61,093	410
22	148.56	L0275	Prince Twp Public Library	Prince Township	OLS-N	21,096	142
23	147.48	L0478	Greater Madawaska Twp	Calabogie	SOLS	79,936	542
24	142.88	L0202	Perry Twp	Emsdale	OLS-N	68,440	479
25	142.12	L0200	McKellar Twp	McKellar	OLS-N	39,936	281
26	137.71	L0375	White River Twp	White River	OLS-N	43,929	319
27	125.09	L0055	Fauquier-Strickland Twp	Fauquier	OLS-N	59,916	479
28	120.77	L0312	South River-Machar Union	South River	OLS-N	75,967	629
29	118.42	L0195	Manitouwadge	Manitouwadge	OLS-N	139,025	1,174
30	118.21	L0073	Town of Grand Valley Public Library Board	Grand Valley	SOLS	242,213	2,049

Table 8 (Continued): Rank Order Table: Total Expenditures per Active Cardholder, Ontario Public Libraries, 2014

Rank	Expenditures per Active Cardholder		Library Name	City	OLS Region	Total Operating Expenditures		
	in \$	Library Number				in \$	Active Cardholders	
Band 8 (Continued) (Resident population fewer than 2,501)								
31	118.04	L0323	Deseronto	Deseronto	SOLS	126,780	1,074	
32	115.57	L0162	Georgian Bay Twp	Honey Harbour	SOLS	176,596	1,528	
33	112.48	L0050	Dorion Twp	Dorion	OLS-N	33,293	296	
34	112.11	L0310	Smooth Rock Falls	Smooth Rock Falls	OLS-N	44,843	400	
35	111.80	L0005	Addington Highlands Twp	Flinton	SOLS	103,974	930	
36	109.94	L0131	Rainy River	Rainy River	OLS-N	72,228	657	
37	107.99	L0083	Black River-Matheson Twp	Matheson	OLS-N	73,756	683	
38	101.77	L0021	Temagami	Temagami	OLS-N	62,386	613	
39	99.46	L0284	Sundridge-Strong Union	Sundridge	OLS-N	87,030	875	
40	93.40	L0082	Billings Twp	Kagawong	OLS-N	35,492	380	
41	89.75	L0183	Hilton Union	Hilton Beach	OLS-N	27,104	302	
42	78.16	L0123	Kearney & Area	Kearney	OLS-N	34,625	443	
43	76.68	L0311	South Algonquin Twp	Whitney	OLS-N	47,543	620	
44	74.79	L0280	James Twp	Elk Lake	OLS-N	28,796	385	
45	72.93	L0377	Whitestone-Hagerman Memorial	Dunchurch	OLS-N	98,315	1,348	
46	69.50	L0302	Gore Bay Union	Gore Bay	OLS-N	48,648	700	
47	68.65	L0250	Opasatika	Opasatika	OLS-N	8,718	127	
48	67.48	L0308	Sioux Narrows Nestor Falls Twp	Sioux Narrows	OLS-N	27,666	410	
49	65.71	L0199	McGarry Twp	Virginiatown	OLS-N	43,763	666	
50	62.45	L0325	French River	Noelville	OLS-N	151,202	2,421	
51	56.33	L0134	Mattawa	Mattawa	OLS-N	108,150	1,920	
52	53.04	L0054	Englehart	Englehart	OLS-N	94,257	1,777	
53	51.90	L0385	Killaloe, Hagarty & Richards Twp	Killaloe	SOLS	95,497	1,840	
54	51.63	L0382	North Kawartha Twp	Apsley	SOLS	298,561	5,783	
55	50.15	L0380	Wollaston and Limerick Union	Coe Hill	SOLS	32,997	658	
56	48.38	L0017	Assignack Twp	Manitoulin Island	OLS-N	40,690	841	
57	47.39	L0102	Cobalt Twp	Cobalt	OLS-N	58,997	1,245	
58	47.14	L0098	Emo Twp	Emo	OLS-N	71,599	1,519	
59	46.73	L0447	Markstay-Warren	Markstay	OLS-N	84,724	1,813	
60	45.34	L0106	Carlow/Mayo Public Library	Bancroft	SOLS	17,684	390	
61	43.83	L0179	Head, Clara & Maria	Stonecliffe	SOLS	9,117	208	
62	35.39	L0109	Central Manitoulin Twp	Mindemoya	OLS-N	101,744	2,875	
63	33.81	L0430	Cartier	Cartier	OLS-N	1,995	59	
64	33.17	L0346	Thessalon	Thessalon	OLS-N	47,534	1,433	
65	29.02	L0261	Phelps	Redbridge	OLS-N	7,981	275	
66	27.31	L0450	Tudor & Cashel Twp	Gilmour	SOLS	6,062	222	
67	24.98	L0046	Conmee Twp	Kakabeka Falls	OLS-N	2,798	112	
68	20.63	L0427	Dubreuilville Twp	Dubreuilville	OLS-N	7,531	365	
69	20.42	L0314	St. Joseph Twp	Richards Landing	OLS-N	33,994	1,665	
70	17.29	L0343	Tehkummah Twp	Tehkummah	OLS-N	7,779	450	
71	13.83	L0497	Loring, Port Loring and District Local Services Board	Port Loring	OLS-N	5,808	420	
72	13.16	L0465	Gogama LSB	Gogama	OLS-N	5,225	397	
73	10.12	L0322	Britt Area	Britt	OLS-N	3,047	301	

Table 8 (Continued): Rank Order Table: Total Expenditures per Active Cardholder, Ontario Public Libraries, 2014

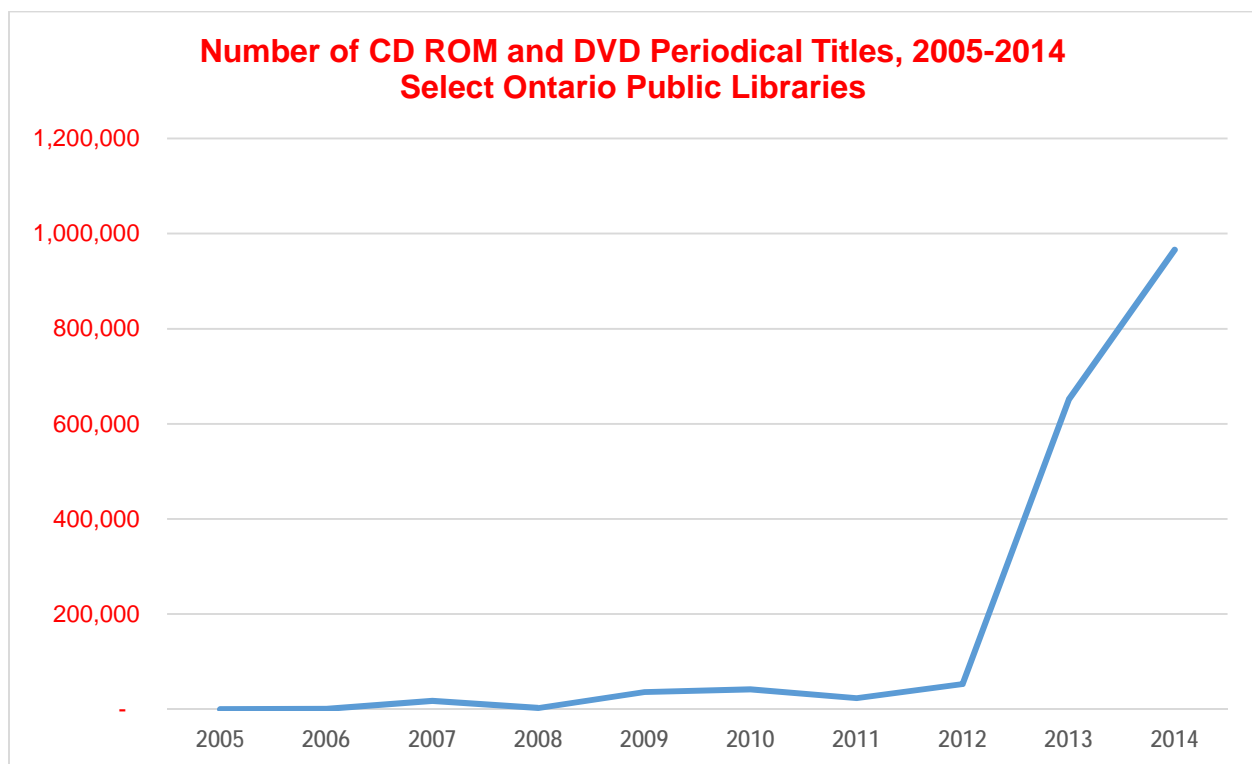
Rank	Expenditures per Active Cardholder		Library Name	City	OLS Region	Total Operating Expenditures per Active Cardholders	
	in \$	Library Number				in \$	Cardholders
First Nations' Libraries							
1	3110.25	L0407	Magnetawan FN	Britt	OLS-N	24,882	8
2	1137.69	L0416	Seine River FN	Seine River FN	OLS-N	32,993	29
3	882.45	L0412	Nipissing FN	Garden Village	OLS-N	51,182	58
4	797.28	L0428	Mattagami FN	Gogama	OLS-N	31,891	40
5	772.00	L0398	Chippewas of Rama FN	Rama	SOLS	247,039	320
6	737.36	L0425	Whitefish River FN	Birch Island	OLS-N	36,868	50
7	690.39	L0415	Saugeen FN	Southampton	SOLS	48,327	70
8	608.73	L0453	Wahta Mohawk FN	Bala	SOLS	18,262	30
9	472.40	L0403	Dokis FN	Via Monetteville	OLS-N	39,682	84
10	470.22	L1084	Sachigo Lake FN	Sachigo Lake	OLS-N	49,373	105
11	381.05	L0438	Iskatewizaagegan No. 39 FN	Shoal Lake	OLS-N	15,242	40
12	369.62	L0396	Chippewas of Georgina Island FN	Sutton West	SOLS	73,924	200
13	316.40	L0460	Henvey Inlet FN	Pickering	OLS-N	23,730	75
14	304.92	L0464	Michipicoten FN	Wawa	OLS-N	24,089	79
15	258.36	L0406	M'Chigeeng FN	M'Chigeeng First Nation	OLS-N	38,238	148
16	248.27	L0391	Algonquins of Pikwakanagan FN	Golden Lake	SOLS	22,841	92
17	193.80	L0422	Thessalon FN	Thessalon	OLS-N	29,070	150
18	190.22	L0432	Sagamok Anishnawbek FN	Massey	OLS-N	43,941	231
19	173.77	L0456	Ojibways of the Pic River FN	Heron Bay	OLS-N	14,249	82
20	170.66	L0446	Rainy River FN	Emo	OLS-N	13,653	80
21	149.27	L0405	Mohawks of the Bay of Quinte FN	Tyendinaga Mohawk Territory	SOLS	83,889	562
22	148.49	L0439	Temagami FN	Bear Island	OLS-N	19,304	130
23	147.61	L0402	Curve Lake FN	Curve Lake, ON	SOLS	36,902	250
24	138.00	L0400	Chippewas of the Thames FN	Muncey	SOLS	20,700	150
25	136.84	L0394	Big Grassy FN	Morson	OLS-N	31,200	228
26	136.66	L0418	Shawanaga FN	Nobel	OLS-N	27,332	200
27	131.99	L0462	Bkejwanong FN	Wallaceburg	SOLS	91,075	690
28	125.71	L0440	Mississaugas of Scugog Island FN	Port Perry	SOLS	13,200	105
29	121.71	L0411	Chippewas of Nawash FN	Warton	SOLS	15,822	130
30	121.59	L0413	Ojibways of Onigaming FN	Nestor Falls	OLS-N	14,591	120
31	110.63	L0417	Serpent River FN	Cutler	OLS-N	21,020	190
32	105.71	L0419	Sheshegwaning FN	Sheshegwaning	OLS-N	14,800	140
33	104.94	L0404	Garden River FN	Garden River	OLS-N	15,741	150
34	97.91	L0410	New Credit FN	Hagersville	SOLS	25,456	260
35	96.90	L0390	Alderville FN	Alderville	SOLS	22,480	232
36	91.29	L0424	Atikameksheng Anishnawbek Band No. 6 FN	Whitefish First Nation	OLS-N	36,516	400
37	90.17	L0408	Mohawks of Akwesasne FN	Cornwall	SOLS	382,971	4,247
38	83.59	L0420	Six Nations FN	Ohsweken	SOLS	288,879	3,456
39	76.92	L1035	Aundeck-Omni-Kaning FN	Little Current	OLS-N	2,000	26
40	74.44	L0409	Naotkamegwaning FN	Naotkamegwaning	OLS-N	26,278	353
41	73.73	L0393	Beausoleil First Nation Public Library	Christian Island	SOLS	41,581	564
42	72.96	L0426	Wikwemikong FN	Wikwemikong	OLS-N	72,087	988
43	62.18	L0431	Delaware FN	Thamesville	SOLS	23,192	373
44	61.03	L0423	Wasauksing FN	Parry Sound	OLS-N	19,897	326
45	50.03	L0397	Chippewas of Kettle & Stony Point FN	Kettle and Stony Point First Nati	SOLS	18,711	374
46	37.95	L0459	Mississauga FN	Blind River	OLS-N	18,824	496

Table 9: Measures of Electronic Materials Collections

Table 9 includes summary data for the 301 libraries from 2005-2014. Two variables on only available from 2011-2014 but they are certainly of interest given they deal with “E-resources, including E-books.”

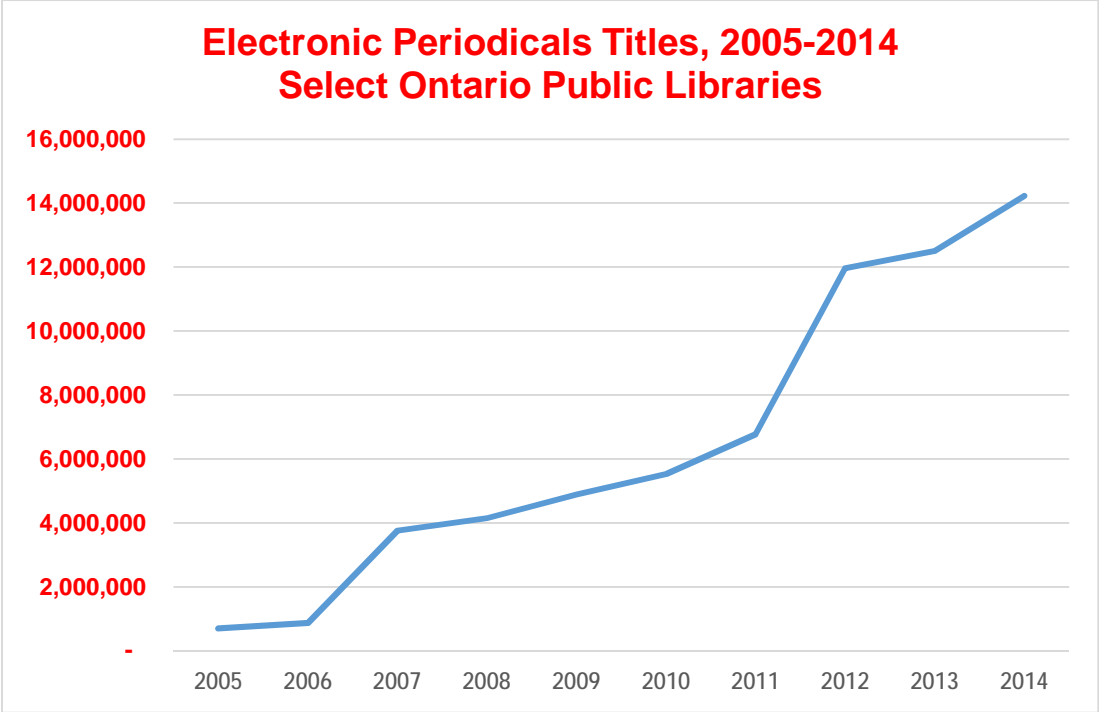
We would expect from our examination of collection expenditure data we saw in Table 1 and the related charts. Collection expenditures are stretched but there is focus in Ontario Public Libraries on electronic resources and Table 9 certainly clarifies the commitment by these libraries to electronic collections. As in other tables, we have calculated percentages of growth (or decline) for the 2005 to 2014 period and for the 2010 to 2014 period. (Or for 2011-2014 in the E-resources variables.)

Percentages can be dubious measures on occasion. The number of CD ROM and DVD titles moves from 200 in 2005 to 966K in 2014 for a percentage increase of 483K. This is what that kind of increase looks like:

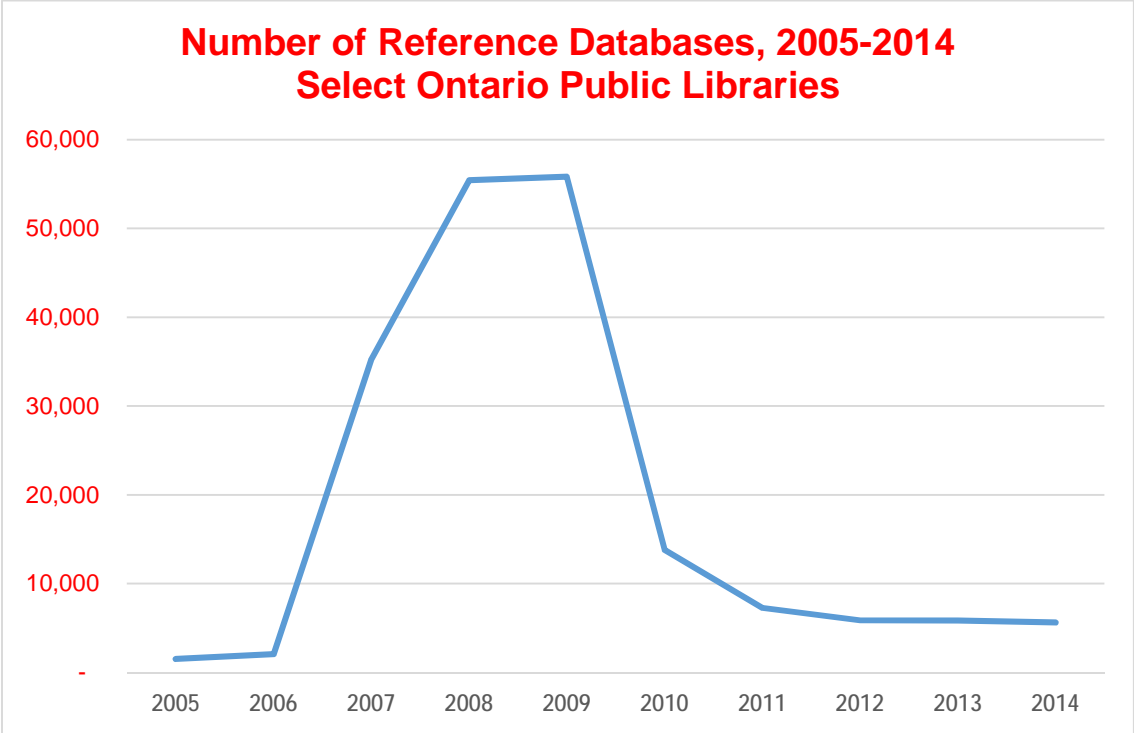


Pretty impressive.

Another interesting chart is of electronic periodicals titles:



However, not everything electronic goes up forever:



There is an evanescent quality to electronic materials. Some come and some go: where are the CD ROM towers? In this case, there is likely consolidation so the number declines while capabilities, we can but hope, increase.

Table 9: Holdings of Electronic Resources, All Ontario Public Libraries, 2005-2014

Year	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	% change 2005-2014	% Change 2010-2014
# of libraries reporting	301	301	301	301	301	301	301	301	301	301		
REFERENCE												
Number of databases												
Total	1,531	2,067	35,256	55,455	55,833	13,805	7,289	5,881	5,853	5,639	268	-59
Average	5	7	117	184	185	46	26	20	21	19		
Number of Titles of CD ROMs and DVDs												
Total	4,969	4,588	5,549	6,130	33,972	43,061	30,512	35,419	26,366	26,281	429	-39
Average	17	15	18	20	113	143	155	201	158	87		
Number of Copies of CD ROMs and DVDs												
Total	8,717	8,836	10,091	8,929	40,048	48,385	33,235	38,167	30,221	27,785		
Average	29	29	34	30	133	161	169	218	184	92	219	-43
CIRCULATING												
Number of Titles of CD ROMs and DVDs												
Total	35,831	39,042	52,795	42,618	1,185,847	1,412,544	1,647,947	1,878,709	2,038,733	2,131,942	5,850	51
Average	119	130	175	142	3,940	4,693	5,823	6,615	7,281	7,083		
Number of Copies of CD ROMs and DVDs												
Total	63,137	65,023	76,576	61,357	2,231,065	2,775,609	3,203,123	3,591,775	3,701,043	3,769,274	5,870	36
Average	210	216	254	204	7,412	9,221	11,318	12,874	13,218	12,523		
											% Change	
											2011-2014	
Number of Copies of E-resources, including E-books												
Total							4,881,128	10,588,689	17,130,650	11,479,321		135
Average							17,187	37,023	59,897	38,137		
Number of Titles of E-resources, including E-books												
Total							5,757,642	11,486,735	18,381,090	15,980,259		178
Average							20,273	40,733	64,495	53,091		

Table 9: (Continued) Holdings of Electronic Resources, All Ontario Public Libraries, 2005-2014

											% change 2005-2014	% Change 2010-2014
PERIODICALS												
Number of databases												
Total	1,039	1,476	19,465	22,069	6,781	8,952	4,881	4,503	7,179	6,084	486	-32
Average	3	5	65	73	23	30	17	16	25	20		
Number of Titles of CD ROMs and DVDs												
Total	200	629	17,884	2,528	36,498	41,719	23,374	53,199	651,236	966,161	482,981	2,216
Average	1	2	59	8	121	139	145	362	4,719	3,210		
Number of Copies of CD ROMs and DVDs												
Total	625	1,560	18,810	3,278	37,920	42,908	25,436	54,214	820,072	1,019,214	162,974	2,275
Average	2	5	62	11	126	143	158	371	5,943	3,386		
Number of individual electronic periodicals titles												
Total	695,761	870,219	3,758,488	4,153,208	4,892,929	5,532,732	6,771,548	11,965,482	12,508,976	14,233,317	1,946	157
Average	2,312	2,891	12,487	13,798	16,256	18,381	24,013	41,984	44,358	47,287		

Some Thoughts on Measuring Non-traditional Public Library Services

We discussed a measuring problem above: that it is difficult to get a handle on the data from new services libraries offer. In fact, it is among the most difficult kinds of problems. There are many variables in this series and we examined a few here to see what we might learn.

In previous reports, we have made the point that after a new piece of statistical data is sought, it takes a few years to get a number we can have some confidence in. The process of data collection is complex. Terms used must be considered carefully because the forms will be filled out at over 300 libraries. “What does that mean?” “We don’t do that here.” And so on.

There is then a bit of give and take with the library community and the constituencies seeking the data as the forms are filled out and the results come in. In the first year of a new variable’s collection, there will be libraries which do not report anything. Other reports will likely be all over the map and often the extreme high and low values will diverge to wide extremes. Librarians will talk to their colleagues about these odd values and over time, they smooth out. After a few years, more libraries will report generally better data that seem better behaved. This process is just part of the work of getting a good data series.

Then, we have the added difficulty of the rapid changes in how we service new media and information sources. What happens if we try to measure something and three years later we are on to a new thing? In the last section we talked about CD ROM towers which came and went so quickly. Measuring many of the things libraries do or have are really proxies: they are not in themselves important but they give us an insight into what libraries are doing to offer services in a changing world. Does your library lend workstations is such a proxy. How many circulations is a service measure. The proxies seem to change more rapidly than direct service measures.

An example from the past illustrates the first year of collecting a new variable. In the mid-1980s, the Association of Research Libraries (ARL) was faced with the fact that its members were spending a great deal of money on computers. The data series that ARL is the steward of goes back to the 1907/08 academic year through the predecessor Gerould Statistics and is the oldest and arguably the most sophisticated data collection effort in the library world. ARL sought to investigate the question of what was the

extent of funding for computers given that the member libraries were including these expenses in different categories. There was no category for computer expenses. ARL tried to get a handle on the matter early, as it often does.

Two committees took up the matter and each issued a questionnaire which was sent to the academic members. There were about 100 of them. It is not unusual for a library to have one person designated to collect and report data so the two forms often went to the same person. So, ARL had two committees that sent questionnaires trying to measure the same rapidly changing, new thing to the 100 members. Those questionnaires are duly answered—probably by the same people—and are sent back to the two committees for analysis. Was there any statistical relationship between the two sets of numbers? Essentially: no.

We have now data elements measuring non-traditional library activities or activities which have received new emphasis. We also have those which we have not investigated. We start this process here and share a few interesting results.

These new measures are of several types. One is thing which are new and for which we have annual reported numbers. There are fifteen variables collected for “Typical Weeks,” and collected for a varying number of years. We will start here. There are also eleven social media variables, ten of which have been collected since 2011 and we take them up after the first look at the Typical Week data.

Why collect data for a “Typical Week? (TW)” There are many reasons and it is a moderately common device used in library data collections. It cuts down on the burden of responders certainly and gives us some numbers. In addition, some data collection efforts use typical week collection as a means of testing a variable for inclusion into the regular annual collection.

But what is a “typical week?” We might say “average” but that doesn’t help us because there are a number of ways of calculating an average. We have used the arithmetic mean and the median in these reports and those are both averages. Moreover, “Typical week” has to be regarded with some caution. Picking a typical week is a sampling problem. A story often told by Statisticians is about an assignment to beginning Statistics students. Bring in an average potato next class session. The point is to discuss sampling and its many difficulties. You will get many perfect potatoes. How does one get an average potato? What is it? That discussion leads to a deeper understanding of how hard sampling a population is.

So we want a typical week to measure. We are all familiar with how demands on library services wax and wane through a week and through the year. If we are going to pick a typical week for counting something, are we going to pick a part of the year when the demand for a particular service is low? Probably not, right? We might be inclined to pick a busy week... So: caution and skepticism are in order.

We have, though, one TW variable that has a direct equivalent annual variable that gives us a good place to start. Total Annual Circulation is reported for all years. The TW equivalent is: "Total circulation of all library materials." Let's compare the two for 2014, shall we?

The correlation between the two variables is an astonishing 0.998, with 1.0 being a perfect correlation. A correlation in Statistics means about what it means in standard English: a consistent relationship between two variables over a range. We don't expect TW data to equal the annual data, rather, we would expect TW data to be about one-fifty-secondth of the annual figure. However, the ratio is relatively consistent for this year and these two variables. This result is very good for our purposes of finding new measures in which we can have confidence while flagging this relationship between the two variables for further analysis. If these TW data are highly correlated with the annual number, then maybe these TW data will give us an insight into other aspects of libraries not measured through annual data collections? Maybe we have measures we can use right in front of us?

Can we use these TW data to estimate annual figures? What happens if we multiply the various TW data circ data by 52 and compare the results with the reported annual data for each library? Well, that depends on how one looks at it and there seem to be two strong points.

On the one hand, the numbers we get by multiplying the TW data by 52 vary from the annual data by a good bit. The absolute value of the differences is 10.7 million or about 34,000 per library. The "absolute value" is the number shorn of the sign. For example, the absolute value of -300 is 300. It is a measure, then, of the deviation between the annual number reported and the estimate of the annual number we calculate by multiplying the TW by 52.

The 10.7 million figure is actually a relatively small percentage (8%) of reported total annual circulations (=128million) but per library, it can be quite large. One library's TW

times 52 calculation is 1.8 million over the reported annual circulations at the library and another library's annual figure is 1.2 million under the TW times 52 estimate.

This conclusion suggests that using the TW data could give us an estimate for an annual total is not going to work to compare estimated annual totals or to compare individual libraries.

We can, though, take the totals of the TW data and see what we can see.

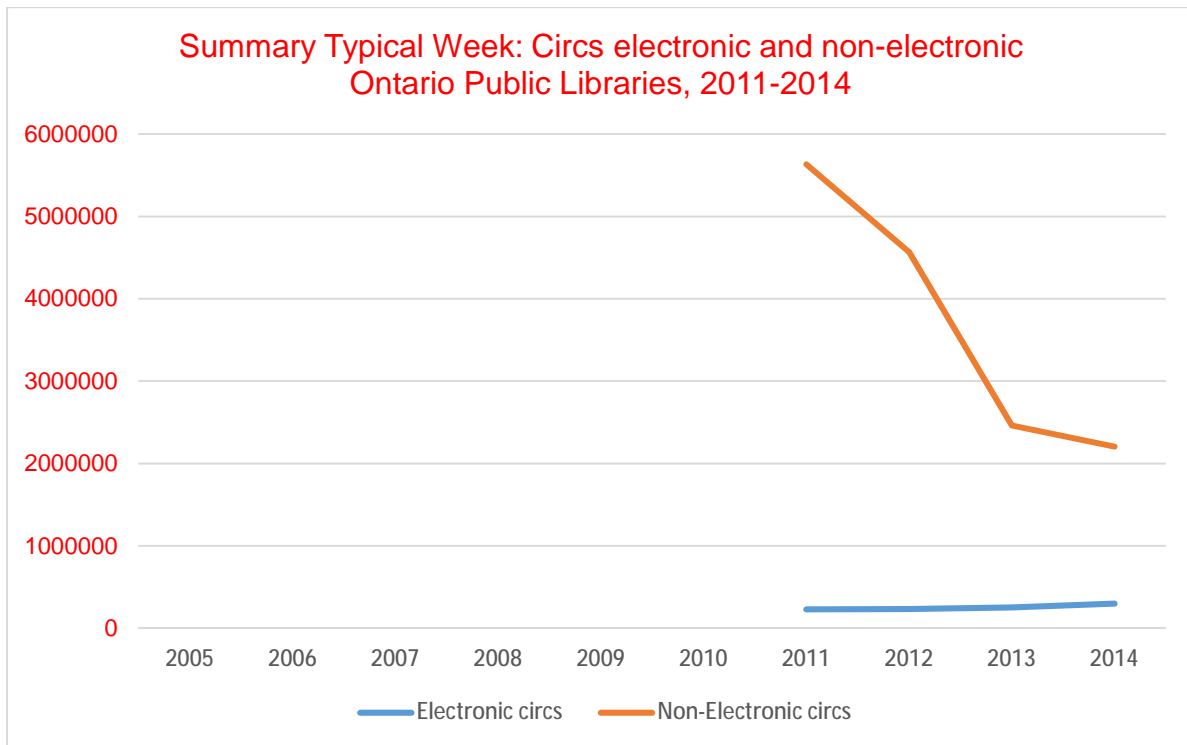
We will examine a few totals shortly but bear in mind that totals—like any statistic calculated from raw data have strengths and weaknesses. For instance, if 50% of the libraries do not respond to a question in the first year, 25% do not in the second year, and all in year three, the totals will rise without providing us with much confidence that increases we are seeing represent real changes. This fact of data analysis is yet another reason that ratios and percentages are useful. We have to look at these data in detail.

A second conclusion is that the data are not perfect and that is maybe a good sign. The point of the random potato story is that when people sample they will often unconsciously pick perfect examples. Perhaps all the TW circ figures would be $1/52^{\text{nd}}$ of the annual figures?

We have the annual circulation figures so why all this talk about this variable? It is a test of those TW variables we do not have annual equivalents for. One is particularly interesting.

In 2011, the TW annual circulation figure was disaggregated into two elements:
All circulation for E-books, downloadable audio books, music and video
All circulation except E-books, downloadable audio books, music and video

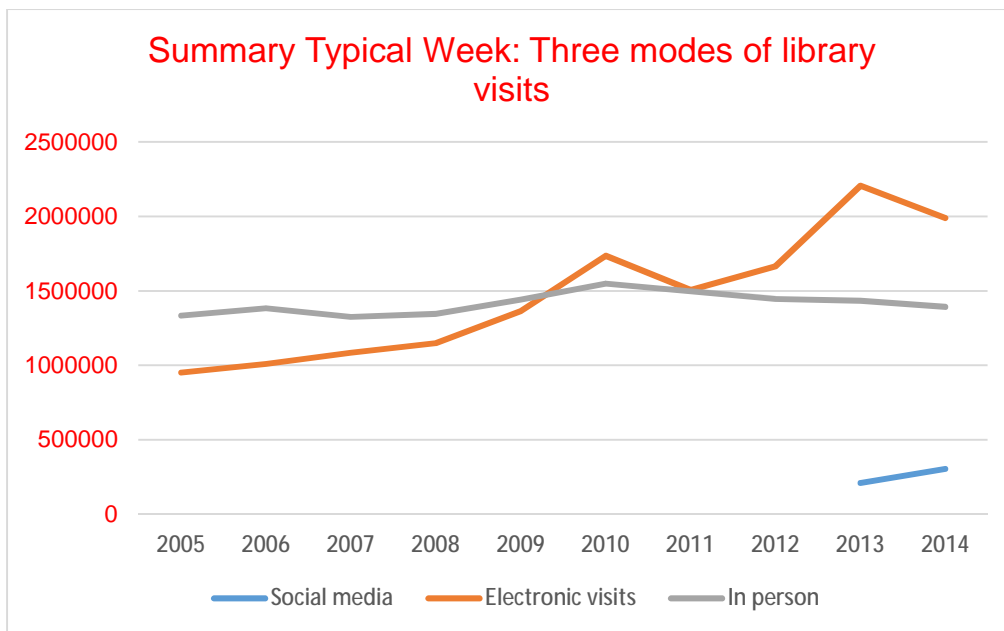
In 2014, adding these two figures gives us the TW circulation figure. We have, then, an estimate of two constituent elements of circulations and both are of interest to our quest for new measures.



The drop in non-electronic materials is pretty dramatic and given the fall observed in circulations, believable. The raw TW total data for non-electronic materials starts in 2011 at 5.6 million and falls to 2.2 million in the TW 2014 data. Electronic circulations rise from 228K to 298K over those years. Rising but not enough to overcome the drop in the larger category.

Given that these TW numbers most likely came from the library system, why is this TW collected? And why not separate these two numbers in the annual collection? The Ontario public library data collection effort apparently collects more data from the libraries than any other similar effort and one does not like to add to the burden of the responders but these two should be relatively easy.

Another interesting result has to do with visits to the library. There are three TW numbers: visits in person, visits by electronic means, and for two years: visits via social media.



This chart shows electronic visits bypassing in person visits. Social media visits are new and it will take a bit of time for this variable to mature. As with the circulations, these numbers must come from servers so why not add these three variables to the annual collection effort?

We have looked at other data and those are available but these are the two most promising. The other TW variables:

No. of times electronic databases are accessed by library users (Typical Week)

No. of electronic reference transactions (Typical Week)

No. of Information Communication Technology, software and social media support requests (Typical Week)

Average staff time in minutes per Information Communication Technology, software and social media support request (Typical Week)

Total In-Library Materials Use (Typical Week)

No. of Reader's Advisory transactions (Typical Week)

No. of standard reference transactions (Typical Week)

No. of people using library workstations (Typical Week)

No. of people using public library wireless connection

Another new thing is social media. Here are simple totals for all, for the four years these data are reported:

Social Media in Ontario Public Libraries, 2011-2014

YEAR	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Social Media? Yes							210	222	236	252
Blog?							60	62	58	54
Facebook?							189	210	226	240
Flickr?							25	31	26	24
Google+?							14	17	21	31
LinkedIn?								29	29	29
RSS feeds?							37	34	27	19
Twitter?							92	123	133	143
YouTube?							65	77	77	81
Other Social Media?							45	67	116	138

Of course, a number of libraries have more than one social media outlet.

There are other areas that might be worth mining. Since 2011, the details on types of programs and their attendance have increased to where there are about 40.

Also recently, two sets of data related to sectors are collected. 8 variables measure counts in categories of “Government Services” such as Health, CAP, CAPYouth, and others. Similarly, there is a group of variables dealing with “Educational Sector Partnerships,” such as with Community Colleges, Distance Education, and others.

With so many variables, there are many related to consortia beginning in 2011. Published articles on circulations at libraries in consortia suggest that probing this set of numbers might also be profitable.

There is much to do!