

Federation of Ontario Public Libraries
Ontario Public Library Operating Data 2008-2017
Overview, Primer on Library Statistics, and Collected Tables

Robert E. Molyneux, MSLS, PhD, Statistician

Stephen Abram, MLS, FSLA, Executive Director, FOPL

Released: September 2018

Conservatively, Ontarians Visit their Public Library a LOT!

Public Library Visits

-  200 Million Visits per year
-  548,000 Visits per day
-  22,831 Visits per hour
-  381 Visits per minute!

There's simply no other public institution which gets **6.34 visits every second**, all year long.



Federation of
**ONTARIO
PUBLIC
LIBRARIES**

La Fédération des
**BIBLIOTHÈQUES
PUBLIQUES
DE L'ONTARIO**

ONE VOICE FOR ONTARIO PUBLIC LIBRARIES

Section	Page
Introduction	1
Primer on Library Data	9
The Ontario Public Library Data	20
Population and Circulation at Ontario Public Libraries, 2008-2017	
Table 1: Summary Characteristics of Ontario Public Libraries, 2008-2017	26
Charts based on Table 1's Summary Data	38
Key Ratios	
Table 2: Key Ratios at Ontario Public Libraries, 2017	44
Rank Order Tables	55
Table 3: Rank Order Table: Circulations per capita	57
Table 4: Rank Order Table: Active Cardholders per capita	63
Table 5: Rank Order Table: Total Expenditures per capita	69
Table 6: Rank Order Table: Electronic Materials Expenditures per capita	75
Table 7: Rank Order Table: Program Attendance per 100 population	81
New Measures of Holdings	87
Table 8: Material Holdings, by Band	89
Table 9: Rank Order Table: Titles Held	90
Program Details	96
Table 10: Programs by subjects offered	97
Social Media	108
Table 11: Social Media Summary	110
Additional Expenditure Categories	111
Table 12: Select Expenditure Categories as a % of Total Operating Expenditures	112
Table 13: Partnerships and Consortia	113
Table 14: New variables for 2017	119
Table 15: 3D Printers, Makerspace, Digital Labs, etc.	126
Table 16: Service points: Branches, Bookmobiles, and Stations	129
Table 17: Visits to the libraries, in Person and Electronically	131



Introduction

Stephen Abram, Executive Director

I am very pleased to distribute this major report on Ontario Public Library Performance to the FOPL membership in the timeliest report ever.

These data tell the story of a healthy vibrant successful transformational public library sector in Ontario!

- Growing collections and dynamic collections adapting to digital formats
- Growing digital access
- Growing buildings
- Growing programs and attendance
- Growing visitors and gate-count.
- Growing partnerships with all manner of organizations
- Growing maker movement for Play, hobbies, business, education and STEM / STEAM.
- etc.

I think there is a good story to tell. On the one hand, as we know, many of what we think of as traditional library functions are plateauing--peak traditional libraries. Indeed when you hit 74% of Ontario's population every year you can't grow that by double digits! It's mathematically impossible.

But...but! With the data on the Ontario Public Libraries that the Ministry of Culture, Tourism and Sport made available through the open data initiative we can show that well over 2.14 billion items circulated from Ontario's public libraries since 2000. (See Table 16 and the chart on page 40) That is a big number of Ontarians going to the library and checking out library materials over a long period of time.

We have presented graphs in these reports showing such functions as circulations tailing off but clearly that process continues a central traditional function of libraries going back well before 2000 to the mists of time. When? At least to June 8, 1800 and the foundation of the Niagara Library--a date that marks our libraries as among the foundational cultural institutions of Canada and of Ontario.

Libraries are changing because of the Information Revolution we hear so much about. Why, who needs libraries with Google? Ontario's residents for one. For example, Table 17 gives us a picture of "visits" to Ontario libraries from data reported there with a view of interactions of Ontario's library cardholders. These are "Typical Week" data where library employees one week a year sample an aspect of these interactions. That is a common method to measure complex library processes that generate even more large numbers: some we count one week a year. Table 17 reports on measures of "visits."

Note how physical visits to the libraries peaks in 2010. But...but! Along come Websites and we realize that, yes, they are visits, too. People are using information from libraries for...what people use libraries for. It would appear, some library users substitute the Website for going to the library for any number of reasons. Moreover, note that people are using the library through the Website. Some new people no doubt and some people saving the trip to the library to check on what is available, reserve books, and so on. Things they could do in person but...there is a new way.



Website use—while still large—peaks in 2013 when along comes social media resources to interact with the library. Each year, these interactions of library users and the libraries increase. And these are raw data—the actual one-week count. We could estimate an annual number easily. The Ministry's preferred method is to multiply the "Typical Week" number by 50 so these numbers just give a hint of the underlying interactions of the libraries' users and their libraries. From that method, we have an estimate that around 200 million people interact with Ontario's libraries in 2017.

That kind of behaviour does not occur without hard work and vision of the employees and resources of these libraries. Yes, this is a good story to tell.

Other data we have presented previously and added to in this report, adds a deeper context because the world's information environment is changing and libraries—the information institutions—are adapting in varied ways. Libraries are seeking a new balance of traditional information sources and new, exotic, digital ones. Tables presented here will report on library functions...day-to-day and mundane functions carried on all over the Province that do things our parents would not have comprehended. This is the modern, changing, dynamic library and building on the firm foundation laid in the early 19th century. We can be very proud of our new innovations and the substantial growth and success they're having at engaging our cardholding members in their lives - working, playing, and learning.

Public libraries and librarians aren't sitting on their butts and not doing anything in our core operations. 36.8 million people attended our almost 2 million programs. Our large collections are growing and turning hybrid with massive digital inroads. Our digital media footprint through social media, social networking and our web presences is huge and growing very fast. Public libraries are an exemplar of digital presence best practices in the public sector. And now we have more than two-thirds of public libraries with publicly accessible 3D printers - Makerspaces.

This report continues many of the tables from previous reports. We have however greatly expanded one—Table 10 on programs which is arguably the most successful current initiative. We have four new tables: We report up-to-date data for digital innovation hubs, studios, makerspaces, 3D printers and e-learning courses and new variables like lending Wi-Fi hotspots.

FOPL has been very active this year. The membership investments in government relations, people capacity, and marketing, on a collaborative basis, are showing 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 of the Federation of Ontario Public Libraries strategic objectives in 2018.

This report contains some preliminary analyses and comparisons of Ontario public library performance using data from 2008-2017. Credit is due to our Ministry of Culture, Tourism and Sport for jumping on the open-data trend and making the raw data that public libraries have contributed since 1999 available for further analysis and usage. The Ministry's open data that we will now get is timelier and we received the 2017 data on August 2018 – the earliest ever! We thank the Ministry and, in particular, Rod Sawyer and Adam Haviaras, for this. It is great and our sector's data will be even current.



We believe that this FOPL Stats project provides strong value for public libraries from the data our sector has provided for decades and underpins communication of our value that show the Ministry and the public the strong impact of public libraries due to their long-term investment in our sector.

So, in 2018 we have all the foundation pieces that we need to plan more initiatives around marketing and advocating for public libraries and our value and impact – one of your goals expressed in the Libraries 2025 Vision. To this end we will have much of the research and information we need to plan for future needs. We have:

- Data on Ontario public library performance over time
- Data on our social media, marketing channels, market positioning, and preparedness for influence
- Insights from stakeholders in libraries, boards and municipalities.
- A 2015 public opinion poll of Ontarians attitudes towards public libraries and how they've changed from our 2000, 2006, and 2010 polls.

It's an exciting effort and we're getting there. We're trying to be strategic and plan well. We're here to support you. Follow us on Facebook, Twitter, and FOPL.ca!

Stephen Abram

FOPL: 416-395-0746

sabram@fopl.ca

ONE VOICE FOR ONTARIO PUBLIC LIBRARIES



Ontario Public Library Statistics: Special Reports Service

Our FOPL members have access to the 2000-2017 analysis and rankings of public library systems in Ontario report as well as the opportunity to request custom reports of Peers and Rankings.

We are pleased to offer customized reports to our members for their research, advocacy, and strategic and operational planning needs.

About the FOPL Custom Reports Service

The Federation of Ontario Public Libraries has continued working on data compiled by the Ministry of Tourism, Culture, and Sport on those libraries. With the publication and distribution of FOPL's recompilation of these data, there is now a large, rich dataset about Ontario's public libraries. The data span the years from 2000 through 2017, so that one can analyze data on all libraries or any subset of libraries and also analyze trends by following the data over a set of years.

The dataset is quite rich and the Ministry has done a wonderful job in structuring the data. What can be done with this resource? Of course, various groups will be interested in different uses of these data. FOPL has already issued survey reports exploring these data with an eye to using them to assess the state of Ontario's public libraries, for assessing our health as a community, and driving the communication of the value and impact of public libraries in our advocacy role. As that work is flushed out, these assessments can be used to inform policy decisions affecting your municipality, Ontario and the nation. But the history of library data shows the primary use of such data has been to analyze individual libraries or groups of libraries and to compare them. Typically, it is to examine libraries "like mine," and the results of these data analyses are often seen in the stories that are teased out of the data.

How does my library compare with others? Which libraries are like mine by this or that criterion? What are they doing better than us—or not as well? What good stories—and bad stories—are in the data about my library and how can I use them to tell a compelling story to our library's funding agencies? The data can be a directory to libraries "like mine" and suggest investigating those similar libraries to see how they dealt with problems your library has.

There are many ways to choose which libraries are alike. Normally, libraries are grouped by size but there are other ways to choose libraries to compare to yours. They can be analyzed by region, county, similarities in budget or collection, and so on. Often, too, what is of interest to a librarian is to examine with data what is of interest to those involved in funding that librarian's library.

In other words, the data can be looked at in many ways and to address many questions.



The dataset is available to FOPL members but it is a large and complex dataset and good, flexible analysis will require skill and experience. Those skills involve manipulating the data, sensing unexpected surprises in the data, and knowing how to present the data in a compelling way. After all, with our audience, pages of tables with number upon number is not as useful as seeing the story the data tell and saying it in clear language. To this end our initial offering is to provide simple reports that tease out specific measurements that our research tells us are of interest to you – as planners, management, CEO's or board members. Our tradition in Ontario has been on volumes of data and not as much on common analyses and measurements. With the successful introduction of open data for the Ministry's public library data, we now have this opportunity to learn from our data in a more accessible way.

What is available?

We offer an array of reports on common variables with your library compared to similar libraries or we can compare on a broad-based set of data variables based on the experimental FOPL Index which uses 16 variables and ranks libraries by those ratios.

We offer a number of measures and their components in the fashion of an index with libraries ranked with their peers (your choice of peers) as well as a few select 'influencer' libraries that serve as major comparables. (Consider: How does my system compare on key measurements to TPL? You may be surprised!)

Here are the five major measurements derived from the Ontario Public Library Datasets:

Peer Comparison Notes

The peer comparisons presented are based on data from the Ontario Ministry of Culture, Tourism and Sport's published 2017 Ontario library data.

The comparisons take these data and sort them into 17 separate variables and organizes them in five "dimensions:" Service, Usage, Community Engagement, Efficiency, and Development. This design is discussed in some detail elsewhere but, simply, it is based on a study of four well-known public library assessment efforts: the BIX, HAPLR, the IMLS US state ranking tables, and the LJIndex. These all use ratios of different reported variables—rather than the raw data—and then assign ranks to the calculated ratios. Those ranks are in order by which numbers are "better." Lower number ranks are better because 1 is the top rank.

The Ministry's data series are very rich and offer more opportunities for exploring variables within this design. We have largely followed the example of the current literature for now.

The most common use of these data is to use them to analyze "peer" libraries. What is a "peer" library? It is a library you wish to compare to yours. The comparisons will be based on data.

Data do many things well but not everything. They give you a measure and it is up to you to weigh the evidence from the data in order to learn how your library compares with your peers. They do not measure everything, however, and are weak in analyzing qualitative aspects of a library.

How to pick your peers depends on your interests and objectives. You may wish to compare to libraries in your area, or to libraries with similar users, or to libraries you wish to emulate. These data will not give you one big number but 17 and those must be considered and weighed in light of your library and its peers in the context of your strategic plan priorities, vision, mission and goals. Efficiency is something we all want but it can work at cross purposes to Service. So: balance. Weigh the evidence and it will often be one step in a process.

As mentioned, the data are calculated and then ranked. The comparisons are simple unweighted ranks. Yes, ranks are often weighted but the first presentation are unweighted. Weighting recognizes that some variables are more important than others and handles that reality. There are ties in the ranks when libraries have the same raw scores. In those cases, the ties get the same rank while the next library is ranked where it would be if there were no tie. That is, if two libraries had the best rank, they would be 1 and 1 and the third library would have a rank of 3.

The data presented in these reports are in several forms and with varying levels of detail depending on the detail needed for different views.

Variables and Dimensions

Now we will outline the variables and dimensions. This discussion of variables is brief and the reader is cautioned to realize that in each case where the variable is described as a higher ratio or lower ratio is ranked better that what is left unsaid is: "all other things being equal." They are not and that is why we have more than one variable to give you the context to understand your library and its peers as the data describe them.

The first dimension is **SERVICE** and it has four variables:

Collection units per capita. "Units" is defined broadly. This is a measure of how big the collections are for the size of the libraries' resident populations. Higher is better.

Employees per capita times 1,000. This measure tells us how big the staff is to service the population. Higher is better. The calculation gives a small number and to make it easier to understand, we multiplied by 1,000. It can be thought of as so many people for each 1,000 in the resident population.

Population per workstation. This measure tells us how many workstations the library has. By dividing the population by the count of workstations, we have a number which indicates, how likely a library user is to find an empty workstation. Here, a lower ratio is better. Consider: is it better to have 10,000 people per workstation or 100?

Population per service point. Service points are broadly defined to include places where people will have physical access to the library. They can include bookmobiles, branches, and deposit stations. Again, a lower ratio is better. Is it better to have 10,000 users per service point or 100?

USAGE

This dimension has three variables related to the actual use of the library.

Stock turnover is a traditional measure: how many times is each item (on average) checked out? Here total annual circulations are divided by a count of circulating items held. Higher is generally better.

Circulations per capita is another well-known calculation. Annual circulations divided by resident population. Higher is better.



Program attendance per registered borrower. How many of the libraries' cardholders attend the libraries' programs. The reported number in the detailed tables is 100 times the raw calculation. Total annual program attendance divided by the reported number of library cardholders. Higher is better.

COMMUNITY ENGAGEMENT

This dimension is new to the world of library assessment and it was created to get a handle on an important set of changes occurring in the library world: the modern library is not a passive organization waiting patiently for people to appear but one increasingly looking for opportunities to meet its public wherever they are and wherever they have information needs. The four measures in this dimension are an attempt to measure how libraries are adapting.

Programs offered per capita. The higher ratio is better.

Registered borrowers per capita. What percentage of the libraries' resident populations have library cards? Higher is better but we have documented how this percentage has been declining in Ontario's libraries. Caledon Public Library is low to their peer group which is an opportunity and correlates to facilities readiness.

Hours open per capita times 100. Hours open includes not just buildings but bookmobile and deposit station hours. More hours open per person although as we know, a library's electronic presence is open for business at all hours. Higher is better.

Estimated Annual Visits per capita. This ratio is the result of a complex calculation. Visits are tracked as "Typical Week" data so the data presumably re for one week. The population is an annual figure so the visits were summed and then multiplied by 52 and that product divided by the resident population. Visits are of three types: In person, electronic (to the libraries' Websites,) and electronic (to the libraries' social media sites.)

EFFICIENCY

This dimension occasionally works against the others. Service is better with more staff, money, and service points but more economical if these are balanced by care in allocating resources. It is always a matter of balance and by looking at your peer libraries, you can see how they made the same kinds of balancing decisions that your library must make.

Collection expenditures per circulation. Lower is better. That is, more circulations per dollar spent is better than spending many dollars per circulation.

Estimated Visits per open hour. Visits, again, come from "Typical Week" data and given that these figures and the open hour figure are both weekly figures, there is no need to do more than sum the number of visits and divide by the number of open hours. Higher is better: more people visiting is better than fewer people. Note that electronic visits are included and that these can occur when the library's buildings are not open.

Total Expenditures per estimated annual visit. Total operating expenditures of the libraries divided by the annualized visit figure to give an imputed cost per visit. Lower is better. It is better to have more visits per dollar spent.

DEVELOPMENT

The attempt here is future oriented.

Staff Training as a % of Total Operating Expenditures. This number is times 100 so these are the percentage figures. Staff training in this day and time is important but with library budgets being stretched, helping staff keep up with new developments by training or conference attendance is a difficult thing. But: higher is better.



Total Operating Expenditures per capita. This is an important number and one that affects the whole operation of the library including what it does and can do to prepare for the future. Higher is better.

So, there you have it – a little background.

FOPL has been working with esteemed statistician, Robert Molyneux, MLIS, Ph.D. Bob is a global expert in library statistics and is available for consultation on demand. He will be creating your custom reports.

Fees

2 reports have been standardized so far for select Ontario public library systems.

Our reports are tabulated by an MLIS/PhD in Library Statistics and are of the highest quality.

Basic foundations report:

2017 data (latest available) – all measures. \$500.00 CDN (\$1000 for non-members)

Trends Report:

2013-2017 Data (latest available) – all measures. \$750.00 CDN (includes basic report) (\$1,500 for non-members)

First Nations Public Libraries Report:

2013-2017 Data (latest available) – all measures. FREE

In addition we have the capacity to compare your system to a few other jurisdictions in Canadian provinces as well as all libraries in US states.

Confidential Sample Reports can be viewed on request.

So there you have it.

We can help you choosing peer and influencer libraries and feel free to use this report to select them.

Contact:

Stephen Abram, MLS, FSLA

Executive Director, Federation of Ontario Public Libraries

sabram@fopl.ca

stephen.abram@gmail.com

FOPL: 416-395-0746

Cel: 416-669-4855

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.

This Primer presents a general discussion of the characteristics of library data; that is, things we commonly find in examining our data and how they have been dealt with historically. We used our understanding of this history to inform our analysis in these reports. The *Primer* has been a part of these reports since the first and undergoes revisions with each new report. This revision includes just a few minor tweaks because the relationships discussed here between data elements are essentially static.

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. Compiled under the aegis of Ontario's Ministry of Tourism, Culture, and Sport, the Ontario Public Library data series is certainly one of those with a well-designed infrastructure, consistently applied over the years. One result of such consistency is that we can readily repurpose the data. Not only can we get a picture of libraries in any one year by analyzing the data in ways not envisioned when they were collected, but we can recompile data into time series. Creating longitudinal data files is a necessary task if we are to analyze trends because library data are normally issued one year at a time. If data are poorly organized from year to year, such recompilation is quite difficult.

Library data series are a cooperative enterprise involving the efforts of colleagues over the years who work to measure the use of their libraries. In the case of this data series, we also have the meticulous work of by the Ministry to ensure that the compilation and documentation are done to a high standard.

Many fields have difficulties with their data and in those fields, one finds arguments and debates about the quality of the data: Our data are not very good but those over there are excellent. We certainly do that kind of thing because we are familiar with our data's difficulties while misunderstanding difficulties in other data series.

If you believe economic data are the gold standard, Morgenstern's *On the Accuracy of Economic Observations* 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 a happy few are interested or capable of analyzing library data beyond basic comparisons and budget documents. All that said, when working in a US agency responsible for an important part of US economic data, one longitudinal library data series I showed a colleague working on a similar type series of US economic data—he could be called an “expert” at such work—described the library series as a “good series.”

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. However, in the worlds of agencies of funding or government, nor the many competitors who offer many functions of the traditional library use of data is common.

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 appreciate the 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 are not keeping up in these areas.

The data series we have, largely, support this kind of effort to support budget requests. However, data created for one purpose can be used for others, such as assessing programs and initiatives or understanding underlying processes. With luck, we can address the question of “what works?”

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, potentially anywhere in the world. They live in a different funding environment from most libraries.

A 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. Sharing of information takes place from this kind of semi-formal directory searching and seems to be one driver in the improvement one sees in newly collected variables as librarians and compilers sort out and refine the meaning what is being asked for.

Separating Libraries by Size Bands

The variable most commonly used in the public library world to match similar libraries is the resident population which is served by the library. The Ministry used this number at one time to segment the libraries by size of this population in its published reports. This practice was the standard with published library data historically. 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 nine largest Ontario libraries had 52% of the resident population of the province's libraries in 2017, 59% their circulations, and 55% of their total operating expenditures. The other 302 non-contracting libraries reporting that year had the rest. This kind of result is consistent in any year and is typical for most library data series and, indeed, much social science data. Let us illustrate this fact with data from the Ministry's series before discussing this fact further.

Below on the following page there are summary data from three sets of Ontario's public libraries from the 2016 data which we analyzed in the report published in January of this year. We first take the (then) eight libraries in Band 1 in 2016. The Ministry traditionally had grouped the Ontario public libraries in Bands by size of resident population. We use these Bands in the main report that follows and will discuss them further at some length. Band 1 consists of those libraries with a population greater than 250,000. The second group summarized in the table below are ten libraries about in the middle of the 310 libraries reporting data in 2016 while the third group includes the ten smallest libraries and the reader will note, each is a First Nations Library.

The column on the left has the rank of the library in terms of the population. There are 310 in the spreadsheet from which these data were generated. That spreadsheet

includes data from all non-contracting libraries which reported data in 2016. What we see here is common in libraries: a few big libraries and many, many smaller libraries.

Rank	Library Number	Library Name	Resident Population	Total Annual Direct Circulation	Total Operating Expenditures
1	L0353	Toronto	2,876,095	31,910,577	193,669,398
2	L0481	Ottawa	968,580	11,294,759	45,988,618
3	L0206	Mississauga	768,000	6,021,923	26,445,274
4	L0041	Brampton	593,638	4,459,048	16,862,153
5	L0474	Hamilton	558,397	6,738,870	31,182,818
6	L0245	London	383,822	3,699,129	20,898,561
7	L0099	Markham	353,899	4,639,052	14,394,113
8	L0359	Vaughan	323,500	3,281,343	15,827,534
150	L0273	Powassan & District Union Public Library	6,069	40,064	258,308
151	L0355	Tweed	6,044	26,149	176,524
152	L0136	Douro-Dummer Twp	5,959	8,934	104,940
153	L0165	Oliver Paipoonge	5,922	21,642	122,188
154	L0482	Whitewater Region	5,731	18,985	86,968
155	L0080	Bonnechere Union	5,617	25,386	221,222
156	L0159	Trent Lakes	5,397	32,735	206,342
157	L0052	Espanola	5,364	40,903	351,068
158	L0031	Sioux Lookout	5,336	40,364	387,898
159	L0212	Muskoka Lakes Twp	5,333	28,165	411,075
301	L0418	Shawanaga FN	180	1,850	20,514
302	L0403	Dokis FN	174	1,180	41,818
303	L0428	Mattagami FN	168	1,000	36,828
304	L0453	Wahta Mohawk FN	157	735	16,586
305	L0431	Delaware FN	155	104	16,322
306	L0419	Sheshegwaning FN	115	200	19,820
307	L0422	Thessalon FN	108	70	29,732
308	L0407	Magnetawan FN	75	38	19,952
309	L0464	Michipicoten FN	67	1,255	38,817
310	L0440	Mississaugas of Scugog Island FN	49	80	13,700

In generalizing about this kind of fact, the term of art is to discuss the “distribution” and one can generalize about distributions including the distribution of the size of libraries, their expenditures, circulation, etc. A distribution like what we see in library sizes is called “skewed.” In libraries, we often talk about the “80-20 rule,” or similar terms to describe this fact of our world. Library distributions are commonly skewed, and that fact implies there are known techniques we can use in analyzing them in libraries.

This skewed characteristic we see here makes sense, doesn't it? Large populations served by libraries will generally have higher expenditures, bigger collections, bigger staffs, and so on 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. This is the reason that the Ministry created the 8 Bands by the size of library. We use those Bands in this report (and have added a 9th to include the First Nations' libraries) for similar reasons: to provide comparable libraries for the broad comparisons this report permits.

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, for instance. One common such measure is circulations per capita. These are calculated by dividing annual circulation by the resident population. Expenditures per capita are calculated in a similar fashion...as per capitās commonly are.

Next, we have sample of these data from those same libraries listed above using per capita measures for comparison.

Rank	Library Number	Library Name	Circulation per capita	Expenditures per capita \$
1	L0353	Toronto	11.10	67.34
2	L0481	Ottawa	11.66	47.48
3	L0206	Mississauga	7.84	34.43
4	L0041	Brampton	7.51	28.40
5	L0474	Hamilton	12.07	55.84
6	L0245	London	9.64	54.45
7	L0099	Markham	13.11	40.67
8	L0359	Vaughan	10.14	48.93

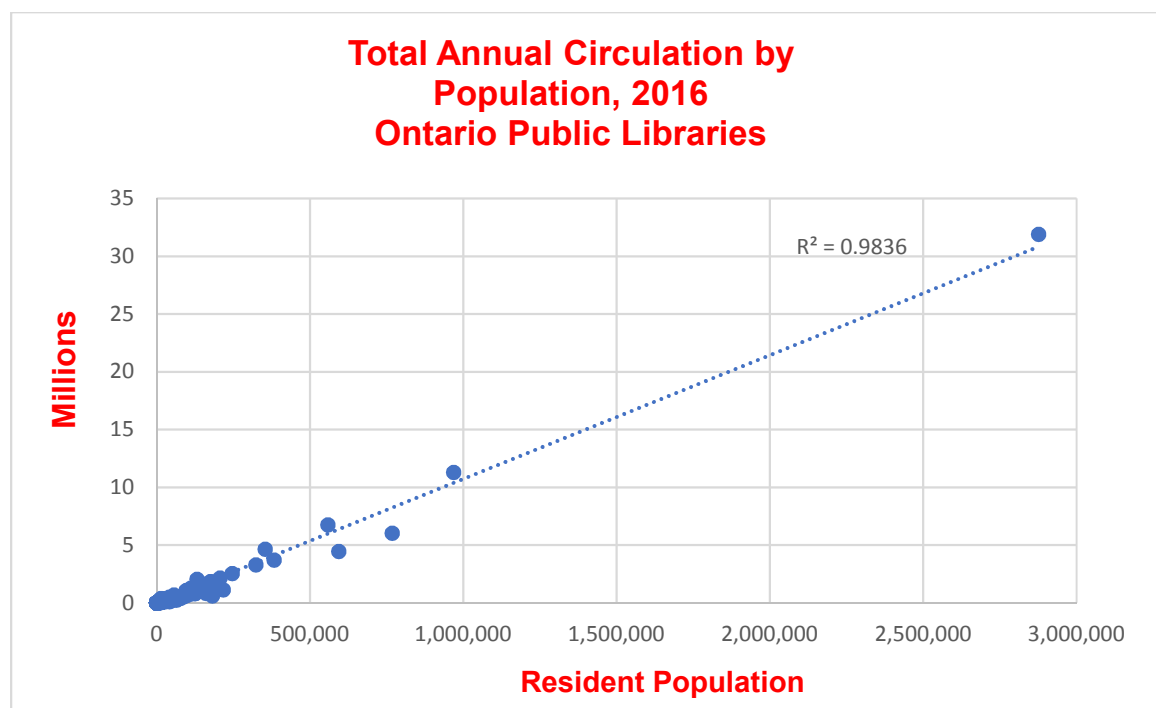
Rank	Library		Circulation per capita	Expenditures
	Number	Library Name		per capita \$
150	L0273	Powassan & District Union Public Library	6.60	42.56
151	L0355	Tweed	4.33	29.21
152	L0136	Douro-Dummer Twp	1.50	17.61
153	L0165	Oliver Paipoonge	3.65	20.63
154	L0482	Whitewater Region	3.31	15.18
155	L0080	Bonnechere Union	4.52	39.38
156	L0159	Trent Lakes	6.07	38.23
157	L0052	Espanola	7.63	65.45
158	L0031	Sioux Lookout	7.56	72.69
159	L0212	Muskoka Lakes Twp	5.28	77.08
301	L0418	Shawanaga FN	10.28	113.97
302	L0403	Dokis FN	6.78	240.33
303	L0428	Mattagami FN	5.95	219.21
304	L0453	Wahta Mohawk FN	4.68	105.64
305	L0431	Delaware FN	0.67	105.30
306	L0419	Sheshegwaning FN	1.74	172.35
307	L0422	Thessalon FN	0.65	275.30
308	L0407	Magnetawan FN	0.51	266.03
309	L0464	Michipicoten FN	18.73	579.36
310	L0440	Mississaugas of Scugog Island FN	1.63	279.59

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 as some of the larger ones. Many have operating budgets with as many dollars spent per its population.... but not all. We can identify a few libraries that seem to have lower use and smaller budgets compared to others. We have, then, a means of finding libraries which might need help and smaller libraries which are doing a comparable job with what they have at least in these terms.

In looking at the raw data as we did first, one can easily conclude that the various libraries are almost in completely different worlds if we consider them only by their sizes. True, there are major differences, however, the ratios indicate that there are also similarities and that some smaller libraries seem to do better than some of the larger

libraries by these quantitative measures. Quantitative measures do not measure everything a library does, but they do give us a picture and present evidence to be weighed considering the library context.

Another indication of the similarities can be seen in scatter plots. Look at the following charts to see what a scatter plot looks like.



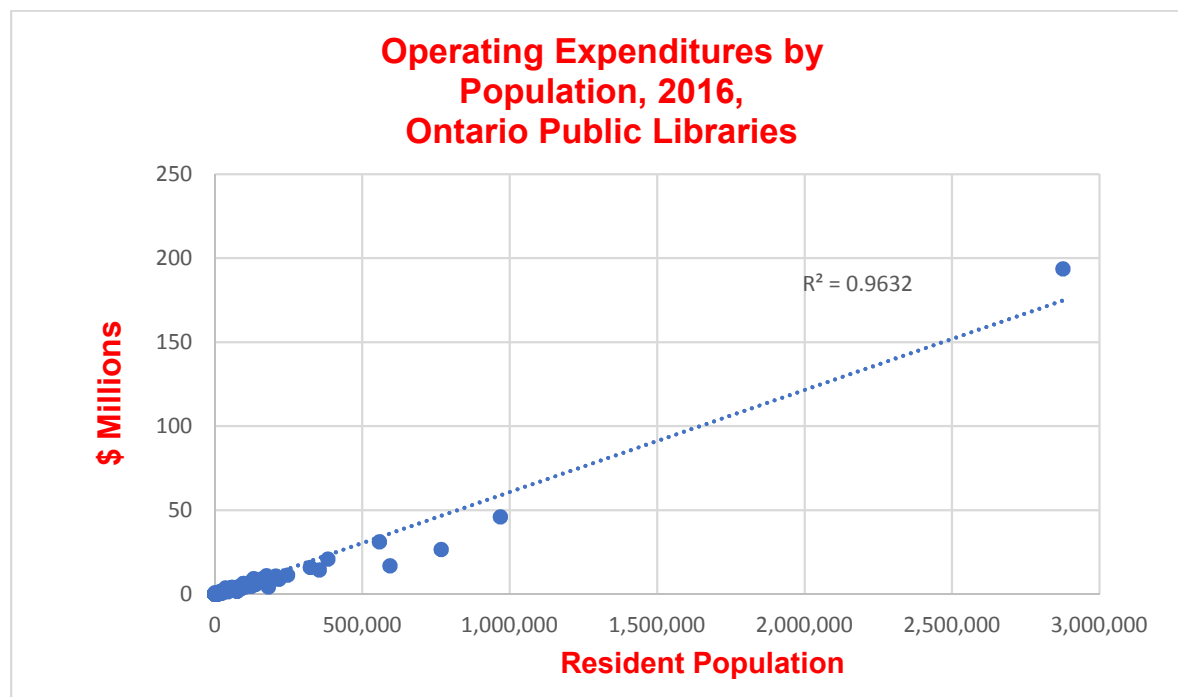
This first such plot charts the number of annual circulations on the vertical axis and the resident population on the horizontal axis. For example, Toronto Public Library had a reported population of 2.9 million and its annual circulation for 2016 was 31.9 million. If you look at the chart, you see a blue dot at the intersection of those two values in the upper right-hand corner. Each dot on that plot represents the intersection of those two values for each of the 310 library systems reporting in 2016.

We now see graphically the same spread of these libraries by the sizes of these two measures. Toronto, as we expect, has the largest of both numbers but following down the line connecting all the observations, you can easily count out the dots representing the 8 libraries in Band 1. Then comes the bulk of the libraries. If the graph were larger, we could see the points of all libraries but there is little to distinguish these libraries

quantitatively by this graphic method. The math is more precise. However, this method does highlight an important fact: the line connecting them is relatively straight. The fact is that the two variables plotted here are highly correlated. What the reader is looking at is a strong linear relationship.

That is a useful characteristic that we have used in the peer comparison reports in making comparisons between different-sized libraries—particularly with budgets. Those kinds of questions center around what *is* a library's budget and what "*should*" *it be*, based on the revealed relationship in the Ontario libraries between population and expenditures?

The next plot gives a picture of the linear relationship between population and expenditures:



This one looks like the first one, doesn't it? Now the vertical axis registers dollar expenditures in millions of dollars and the population is on the horizontal axis as above.

We see also again see the large libraries separated from the rest. In effect, this chart shows us that running a library requires a budget related to the population served by the library. We are looking at a representation of what might be considered the

relationship between those two variables. That is, the data suggest that there is such a relationship. We have not stated any standards or guidelines or recommendations, we merely point out that a relationship exists.

As noted, we can mathematically describe that line and describe how good it is—that is, how close the libraries' data are to the line. The two scatter plots show relationships that are quite strong as these things are measured. The details of that analysis are not the focus of this *Primer*, so we will leave them to another time. Note that some libraries are above that line—like Toronto Public—and some are below, most visible being the next four largest libraries. What does that observation mean?

One way to look at it is that if we know a library's population, we can see what amount for operating expenditures is "expected" based on this strong relationship we find with Ontario's public libraries. If a library is above that line, its expenditures are greater than that expected amount but if expenditures fall below that line, that amount is less than is expected. That notion also seems useful. If your library falls above or below the lines in either circulations or budgets, what does that tell you?

In this report, we have added analysis of data which have been discussed in previous reports but in aggregated form. These data have shown consistent and large increases over the periods analyzed. Another that has been discussed is use of social media.

In previous reports, we have highlighted the exciting trends shown by programs as reported in aggregated data. Aggregated in this context means two variables: total programs offered by the libraries and total attendance at those programs. In the January report of the Ontario public library data though 2016, we summarized these data in several ways that we continue in this report. Again, Table 7 is a Rank Order Table of program attendance per capita and sorted by Band. Table 10 is a greatly expanded detail of disaggregated Program data from 2011-2017 to explore this growing aspect of the use of libraries. These are the detailed data on 22 different program subjects by band and year. Programs as a part of the mix of services offered by libraries and taken advantage of by the libraries' populations continue to expand.

Another new aspect of these libraries' services is through social media and are summarized in Table 11. Both these sets data have been collected since 2011 but not included in these reports because of a fact we have discussed previously: newly

collected variables take a few years to mature. Examining these tables of disaggregated data carefully will show that,

As expected from the aggregated data, attendance and number of programs offered and attendance at them has gone up but there are odd year-to-year changes that are hard to believe. As has been observed in these pages, it generally takes about three years for number series to settle down, as libraries wrestle with definitions, develop means to measure new things, adapt to changes resulting from better data, and so on. What is measured improves.

Note that in these two tables we group the library data by year and category. Examining the data from individual libraries will show even greater year to year changes. Again, grouping data is an analytic technique to damp such data behavior for us to get a picture of what is happening generally with all the libraries.

Given our dynamic information environment, what data variables are collected must change if they are to remain useful. In 2016, the Ministry and Ontario libraries collected new data on materials held. We have suggested that waiting three years is a sound analytical tactic before reposing confidence in new data. On the other hand, with care, we can get a first look at these new data. After all, they are sought because something new is happening in libraries and we would like to get a sense of what is going on.

Tables 8 and 9 repeat summarizing these materials data. This report adds new data probing details of the use and financing of electronic resources. This might be a bit daring but perhaps an experiment is in order.

Table 8 has summary data on Materials Held and Table 9 uses the Rank Order Format to sum three different reported types of titles held to come up with a new variable: Titles Held. This new variable is ranked by Band.

We also include tables about a set of variables which has been collected since 2011: consortia and partnerships.

This report that follows is the latest in a series FOPL has done for its members based on a recompiled dataset based on annual Ministry data. As we have done in those earlier publications, we have a sampler of possible views of these data for the members. In the

next section, we discuss the FOPL dataset in more detail. This dataset is the longitudinal recompilation of the annual Ontario Public Library data done by FOPL. This Report presents a small taste from a rich and impressive dataset.

The Ontario Public Library Data

Ontario's Ministry of Ministry of Tourism, Culture, and Sport and has compiled and published data on Ontario's Public Libraries since 1999. Until recently, the data were available in PDF files organized by eight groups by size of each library's resident population and by varying numbers of subjects (see page 24 for the breakdowns.) These files were suitable for printing, for example, and their publication was in formats like contemporary and historic public library data series.

The organization of the files was most useful for comparisons between libraries in those size groups. However, anyone wanting to analyze libraries by grouping them by criteria other than size had a problem. For instance, the number of files could be quite large for a year's data—typically 70 or so such files for each year. In addition, the numbers could not be analyzed from a PDF format: they would have to be copied by hand or later rekeyed into a computer and thereby introduced the possibility of error in the process. As serious as this rekeying, there was also the requirement of constructing a digital infrastructure to organize the files. There was a rich dataset but using it in any way but the narrow way it was made available was practically difficult. This fact was no different from most library datasets published before computerized data were available.

It is a fact of data that data collected for one purpose can be recast and used for different purposes. To do that kind of repurposing, though, is much easier when data are available in a digital format. One could analyze like libraries by size, but what if one wanted to analyze all of Ontario's public libraries for ten years? That kind of project would take rekeying data from about 700 printed pages. Or instead of by size, suppose one wanted to analyze data from ten libraries near his or her library regardless of size?

The Ministry, wisely, opened this rich dataset and published them in spreadsheet-friendly formats and went back and converted the earlier years to the same spreadsheet-friendly format. Wonderful!

Library data, characteristically, are collected and published one year at a time. Recompiling them so that one could examine a library or set of libraries over several years is complicated work. Sadly, too many library data series are not well done and creating longitudinal files—files with data from multiple years to allow analysis of trends, for example—can be extraordinarily difficult and sometimes seemingly impossible.

The FOPL Dataset

In the case of this data series, though, the underlying work of compilation was excellent, and the infrastructure as discussed above was also excellent and followed consistently through the years. It was quite a good job.

The work of recompilation is largely done. The series today, has data from 2000 through 2017. There are 6,874 observations in the dataset and more than 380 variables ever reported. An “observation” records the data for one library for one year. 1999 data are sufficiently different from the later data to require a separate effort.

Library data fluctuate and have the occasional odd value. The fortunes of libraries 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 last year's number came from...so numbers jump around. On occasions, a value will appear that is not believable and a recent case of a relatively small library's reporting what seems a likely error in its expenditure figures that was so large it affected totals for the province.

How do these things happen? Can we fix that seeming problem from 2003 today?
Answer: almost never. No one knows or remembers. A good rule of thumb for the data compiler is: first do no harm.

At this point, we split this discussion and consider the obligations of the compiler of data versus those of the analyst of those data. Each of those obligations can be difficult.

Analytically, we wrestle with these numbers to discern the underlying story.

In addition, the variables collected change. In the 2017 data, there are new variables collected that reflect changes in library services resulting from the evolution of the information environment. In these new data, for instance, the Ministry has collected a count of “circulating wireless hotspots.” (See Table 14.) Imagine trying to explain what they are and what they do to one's LIS professors.

The obligations of a compiler are different from those of an analyst. The compiler must **first do no harm** and must work to present the data as they appear in the **original** format. That obligation is not always as easy to fulfill as it may sound but any

suggested alternative to “fix” such a problem, almost always leads to chaos. The task of the compiler is closer to textual recension than is normally appreciated.

Anomalous data are in the FOPL dataset as they were in the original. The documentation must note the most egregious anomalous values as a warning for the analyst.

Things like these anomalies happen and analysts do the best they can when they confront them. However, data which seem anomalous continue as one can see in these data here and there. A table may have values that cause one to wonder, for instance. Maybe the data are wrong? Maybe they are right and accurately reflect something that happened in the library? It is usually best to deal with anomalous data as they stand. One technique is to group libraries for analysis as the Ministry does with its bands by size. If you analyze the libraries in such a group, anomalous values will be damped, and one can be more confident of conclusions about trends.

So, for the libraries over time, things go up and things go down. Sometimes the data seem quite peculiar. Sometimes libraries close or merge with others. Sometimes libraries split into two. The Ministry’s data and the FOPL dataset reflect those realities of our world. Libraries are dynamic, and data are sometimes an uncertain reed to lean on for support.

Using this dataset, we could 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 of them in their rich diversity.

In a consensual democracy when an informed citizenry is a key to doing well in a global economy, citizens of Ontario should understand libraries as a key element in the province’s information policies.

Data used in this Report

This report, like the previous ones, is based on data from the FOPL dataset which were recompiled from the Ministry’s data. We have analyzed different groups of those libraries.

In 2017, the data from 376 libraries were reported. Of those, 67 contracted with other libraries for services and given that their data are included in those of the libraries they contracted with, we did not include them separately in our analysis.

For those tables which look only at 2017 data, we summarize aspects of the 309 non-contracting libraries reporting in this year. Not all libraries will respond to all questions but, generally, since we group the libraries—in various ways—we still get a picture of the underlying situation even if a library does not report an item here or there.

We also examine trends with tables presenting data from the ten years, 2008-2017. The number of libraries varies by year and to examine the same set of libraries over those years, we need to avoid fluctuations that are owing to changes in reporting libraries in our quest for apples to apples comparisons. 301 libraries reported each of those years, so those libraries are used in the time series tables and charts.

In addition, we decided to do a bit of exploratory data analysis on the 2000-2017 data. The smaller sets we have analyzed previously take work to organize. Given they are closer to today, more people will find them of interest. But, we have this excellent set of data going back to 2000, we thought we would take a peek. The fact that the data are well organized permits some leeway. Rather than using bands or only libraries reporting each year, we treat all libraries as part of a system and summarize by the variables themselves as an organizing principle. We examined these libraries from the whole dataset from 2000-2017 and started with “service points,” that is, branches, bookmobiles, kiosks, etc. How many are there over time and how many hours are they open?

This analysis was the first time here we have summarized data for the 18 years we have. Table 16 presents the results of this analysis. In the process of doing that, we wondered: what about circulations over that period? The summary is in that Table: circs are over 2 billion for that period. For those who prefer charts, we have two charts of circulation data over the period and hours open. Charts begin in page 38.

It is one of the delights of analyzing data that we started with branches and ended up discovering the libraries have increased their hours open over the period and we have a total circulations figure for those 18 years. 2.1 billion!

Size Bands

As we have noted in the Primer, grouping public libraries by size for purpose of analysis has a pedigree. We have used the Ministry's criteria for assigning libraries to a Band. Those criteria are:

Band 1 (Resident population greater than 250,000)

Band 2 (Resident population greater than 100,000 and fewer than 250,001)

Band 3 (Resident population greater than 50,000 and fewer than 100,001)

Band 4 (Resident population greater than 30,000 and fewer than 50,001)

Band 5 (Resident population greater than 15,000 and fewer than 30,001)

Band 6 (Resident population greater than 5,000 and fewer than 15,001)

Band 7 (Resident population greater than 2,500 and fewer than 5,001)

Band 8 (Resident population fewer than 2,501)

We have created a ninth Band:

First Nations' Libraries

That is, we assigned each of the First Nations libraries to that ninth Band in lieu of where it might have fallen in the Ministry's Bands based on its size.

Given that the resident population of libraries will increase over time, a library's Band will change. For instance, through the 2016 data, there were 8 libraries in Band 1 and 20 in Band 2. In 2017, Kitchener's population increased enough that it moved into Band 1—which now has 9 libraries and Band 2 now has 19.

Should we analyze a library with the Band it finds itself in on any given year? If it is in three Bands over the ten-year period...what then? Or, we could assign a Band in a static fashion to a library in 2008 for this Report and keep it there through 2017 regardless of changes in its population. Or, we could take the 2017 population and use it to assign a Band to a library and use that Band in analysis of the decade's data.

It is a tricky question to use a static designation for a dynamic variable. Reasonable people can disagree about the best method. Of course, unreasonable people can, too, and they do. What we did here was take the 2017 resident population for each library and use that to assign each library to a Band for all years of the study. The argument

might be: those libraries in any given Band in 2017, are there because of the confluence of events from previous years.

If library sizes are that dynamic to be a consideration in assigning bands for ten years, imagine the problems with doing it for 18 years. That is a question worth looking at, of course, and likely useful because of the skewed distribution of libraries.

What do these Bands mean? In the Primer we presented charts showing a linear relationship between resident population and two variables: circulations and total operating expenditures. We reported—accurately—that as these relationships are judged, they are quite powerful. Population is a powerful explanatory variable so Bands as an approximation of that population will have explanatory power.

But. The math of that relationship is greatly influenced by the large libraries. Toronto Public Library is a premier library and very large. Those facts have effects on the math of the relationship that swamp those of smaller libraries. What we examine here are those effects on Ontario's public libraries of all sizes.

**Table 1: Population and Circulation at Ontario Public Libraries, 2008-2017,
All Reporting EACH Year
FOPL Data Report**

As we discussed in more detail in the preceding notes on the Ontario data, there are two major subsets of these data that comprise the bulk of this Report. One is to analyze aspects of all the 309 libraries reporting usable data in 2017. Data from libraries contracting for services with other libraries are generally included with the data from the libraries they contract with and we exclude them in this analysis. The second method of analysis is through trend analysis and this time, we analyze the 301 libraries reporting each year from 2008 to 2017. 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 Table 1 on starting on page 28. There are 10 pages included in Table 1 which have selected data for 2008-2017. There is one page for each of our nine bands and the first table has the summary data for the 301 libraries with data for each year of the decade. 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: 2008-2017 and from 2013-2017. The section beginning on page 38 presents charts based on the summary data for all the 302 libraries and observations about them. Some readers will find these charts easier to see the trends in the data

Generally, we see increases from 2008-2017 and smaller changes since then if not declines—particularly in what we might think of as “traditional” library services. The charts following these tables confirm earlier our early conclusions that many of these traditional variables have crested while those dealing with newer services will show increases. We include in this report data from a few of these new services not previously analyzed.

We cannot discuss every aspect of the data in this remarkably rich dataset—as fascinating as they are but there are a few numbers in Table 1 what are worth highlighting.

Table 1 has summary data for the decade in the column just to the left of the 2008 data both for all 301 libraries but also for each of the Bands. These summary 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 2008-2017 are 1) the total number of circulations for the decade: **1,277,476,568** and the Total Operating Expenditures (amount spent in the decade by the libraries): **\$6,509,962,524**. There are other numbers as impressive in these tables. Particularly note that **36,782,556** people attended the **2,000,920** offered programs.

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. We follow these tables with summary charts of the major elements for all Ontario's public libraries reporting each year before moving on to subsequent tables.

Table 1: Summary Characteristics of Ontario Public Libraries, 2008-2017, All Libraries Reporting Each Year

	YEAR	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	% change 2008-2017	% Change 2012-2017
# of libraries reporting		301	301	301	301	301	301	301	301	301	301		
	Totals for the decade												
POPULATION (Resident)													
Total		12,576,176	12,733,959	12,828,136	12,967,239	12,974,729	13,160,624	13,318,500	13,391,463	13,595,576	13,580,121	8	3
Per library		41,781	42,306	42,618	43,081	43,105	43,723	44,248	44,490	45,168	45,117		
Active Cardholders													
Total		4,773,075	4,990,136	5,120,156	4,958,807	4,900,975	4,902,107	4,791,074	4,532,552	4,577,021	4,529,752	-5	-8
Per library		15,857	16,579	17,010	16,474	16,282	16,286	15,917	15,058	15,206	15,049		
% of population with cards		38	39	40	38	38	37	36	34	34	33	-12	-10
CIRCULATION													
Total	1,277,476,568	120,718,939	127,727,741	129,111,541	132,358,568	132,790,176	131,082,838	128,077,665	128,063,576	125,051,717	122,493,807	1	-7
Per library		401,060	424,345	428,942	441,195	441,163	435,491	425,507	425,460	415,454	406,956		
Circulation per capita		8.3	8.6	8.6	8.8	8.3	7.8	7.6	7.7	7.2	7.1		
EXPENDITURES in \$													
Total Operating Expenditures	6,509,962,524	583,383,126	611,009,401	619,340,490	643,419,881	638,208,416	655,852,627	668,967,912	682,266,633	693,606,657	713,907,381	22	9
Per library		1,938,150	2,029,932	2,057,610	2,137,608	2,120,294	2,178,912	2,222,485	2,266,667	2,304,341	2,371,785		
Expenditures per capita		56.16	61.52	65.42	59.91	60.00	60.94	58.61	61.29	62.17	63.27		
Total Materials Expenditures	700,441,700	66,158,892	66,161,762	67,533,299	66,495,585	68,099,700	68,729,381	71,272,233	72,393,526	75,900,787	77,696,535	17	13
General Materials Expenditures													
Total	527,406,120	55,442,868	57,116,344	55,529,745	52,069,084	53,430,744	52,061,057	50,879,052	50,683,674	49,407,052	50,786,500	-8	-2
Per library		184,196	189,755	184,484	176,505	184,244	176,478	169,033	168,384	164,143	168,726		
per capita		6.40	9.13	9.64	5.02	4.66	4.56	4.20	4.92	4.41	4.25		
Electronic Materials Expenditures													
Total	173,035,580	10,716,024	9,045,418	12,003,554	14,426,501	14,668,956	16,668,324	20,393,181	21,709,852	26,493,735	26,910,035	151	61
Per library		35,601	30,051	39,879	47,929	48,734	55,376	67,751	72,126	88,019	89,402		
per capita		0.93	1.58	1.65	1.71	1.82	2.04	1.98	2.47	3.21	3.13		
LIBRARY PROGRAMS													
Total number of programs	2,000,920	143,856	152,114	160,255	171,770	185,508	202,873	225,285	242,359	250,343	266,557	85	31
Total Attendance	36,782,556	2,809,578	3,006,728	3,138,328	3,331,637	3,485,574	3,710,945	3,811,379	4,237,766	4,506,216	4,744,405	69	28
Programs per library		478	505	532	588	631	688	748	805	832	886	85	29
Attendance per library		9,334	9,989	10,426	11,410	11,896	12,665	12,662	14,079	14,971	15,762	69	24
Average attendance per capita		0.57	0.55	0.69	0.67	0.90	0.73	0.66	0.75	0.80	0.82	45	13

Table 1 (Continued) Summary Characteristics of Ontario Public Libraries, 2007-2018, Band 1
 (Resident population greater than 250,000)

	YEAR	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	% change 2008-2017	% Change 2012-2017
# of libraries reporting		9	9	9	9	9	9	9	9	9	9		
POPULATION (Resident)	Totals for the decade												
Total		6,510,182	6,592,838	6,660,279	6,733,963	6,783,654	6,822,453	6,906,936	6,977,146	7,072,631	7,045,170	8	3
Per library		723,354	732,538	740,031	748,218	753,739	758,050	767,437	775,238	785,848	782,797		
Active Cardholders													
Total		2,166,994	2,351,006	2,538,256	2,480,358	2,377,204	2,445,859	2,364,020	2,238,246	2,282,683	2,242,133	3	-8
Per library		240,777	261,223	282,028	275,595	264,134	271,762	262,669	248,694	253,631	249,126		
% of population with cards		33	36	38	37	35	36	34	32	32	32	-4	-11
CIRCULATION													
Total	755,444,160	71,254,300	76,280,561	76,687,149	79,116,131	77,820,416	76,901,810	74,742,299	75,929,483	74,583,138	72,128,873	1	-6
Per library		7,917,144	8,475,618	8,520,794	8,790,681	8,646,713	8,544,646	8,304,700	8,436,609	8,287,015	8,014,319		
Circulation per capita		11.1	11.9	11.6	11.7	11.5	11.2	10.6	10.6	10.4	10.3		
EXPENDITURES in \$													
Total Operating Expenditures	3,612,230,689	335,130,033	349,614,640	347,243,249	362,047,342	351,572,480	359,878,067	366,903,438	374,117,434	376,511,726	389,212,280	16	8
Per library		37,236,670	38,846,071	38,582,583	40,227,482	39,063,609	39,986,452	40,767,049	41,568,604	41,834,636	43,245,809		
Expenditures per capita		43.56	44.20	44.39	45.31	45.33	46.07	46.70	47.17	47.01	50.20		
Total Materials Expenditures	383,614,569	35,450,433	36,128,463	37,060,298	36,046,475	38,545,095	37,380,297	39,362,093	39,460,066	41,947,411	42,233,938	19	13
General Materials Expenditures													
Total	289,143,857	30,145,005	30,955,672	29,906,986	27,602,174	30,236,716	28,360,954	28,040,520	28,242,254	27,500,579	28,152,997	-7	-1
Per library		3,349,445	3,439,519	3,322,998	3,066,908	3,359,635	3,151,217	3,115,613	3,138,028	3,055,620	3,128,111		
per capita		4.32	4.28	3.98	3.61	4.20	3.94	4.04	3.80	3.72	3.46		
Electronic Materials Expenditures													
Total	94,470,712	5,305,428	5,172,791	7,153,312	8,444,301	8,308,379	9,019,343	11,321,573	11,217,812	14,446,832	14,080,941	165	56
Per library		589,492	574,755	794,812	938,256	923,153	1,002,149	1,257,953	1,246,424	1,605,204	1,564,549		
per capita		0.89	0.91	1.24	1.45	1.35	1.40	1.65	1.65	2.04	2.01		
LIBRARY PROGRAMS													
Total number of programs	874,389	69,178	75,468	73,890	79,781	80,317	88,043	93,248	102,736	102,885	108,843	57	24
Total Attendance	18,461,648	1,498,349	1,595,898	1,587,529	1,764,596	1,759,666	1,872,789	1,867,029	2,105,555	2,187,825	2,222,412	48	19
Programs per library		7,686	8,385	8,210	8,865	8,924	9,783	10,361	11,415	11,432	12,094	57	24
Attendance per library		166,483	177,322	176,392	196,066	195,518	208,088	207,448	233,951	243,092	246,935	48	19
Average attendance per capita		0.24	0.25	0.24	0.26	0.27	0.29	0.28	0.32	0.32	0.33	41	16

Table 1 (Continued) Summary Characteristics of Ontario Public Libraries, 2007-2018, Band 2

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

# of libraries reporting	YEAR	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	% change 2008-2017	% Change 2012-2017
	Totals for the decade	19	19	19	19	19	19	19	19	19	19		
POPULATION (Resident)													
Total		2,607,944	2,665,466	2,677,371	2,714,813	2,741,682	2,767,828	2,787,577	2,807,491	2,833,656	2,867,149	10	4
Per library		137,260	140,288	140,914	142,885	144,299	145,675	146,715	147,763	149,140	150,903		
Active Cardholders													
Total		1,180,757	1,156,919	1,084,769	1,029,620	1,075,962	1,044,818	1,030,102	957,993	996,222	988,678	-16	-5
Per library		62,145	60,890	57,093	54,191	56,630	54,990	54,216	50,421	52,433	52,036		
% of population with cards		45	43	41	38	39	38	37	34	35	34	-24	-9
CIRCULATION													
Total	255,851,775	24,067,770	25,297,478	25,679,602	26,078,447	27,623,733	27,023,809	26,607,392	25,847,734	24,182,381	23,443,429	-3	-13
Per library		1,266,725	1,331,446	1,351,558	1,372,550	1,453,881	1,422,306	1,400,389	1,360,407	1,272,757	1,233,865		
Circulation per capita		9.2	9.5	9.6	9.7	10.1	9.8	9.6	9.3	8.7	8.3		
EXPENDITURES in \$													
Total Operating Expenditures	1,272,744,243	110,977,533	116,657,075	121,089,464	125,339,608	126,946,960	129,628,623	130,395,420	134,062,575	136,998,489	140,648,496	27	9
Per library		5,840,923	6,139,846	6,373,130	6,596,821	6,681,419	6,822,559	6,862,917	7,055,925	7,210,447	7,402,552		
Expenditures per capita		41.90	43.20	44.72	46.08	46.16	46.75	46.81	47.82	48.53	49.30		
Total Materials Expenditures	148,542,929	13,452,107	13,488,669	13,576,929	14,844,601	14,202,773	14,732,639	15,170,583	15,896,294	15,960,072	17,218,262	28	17
General Materials Expenditures													
Total	108,338,333	11,150,049	11,330,740	11,195,618	11,601,825	11,142,974	11,011,469	10,546,806	10,174,875	9,609,263	10,574,714	-5	-4
Per library		586,845	596,355	589,243	610,622	586,472	579,551	555,095	535,520	505,751	556,564		
per capita		4.30	4.27	4.18	4.35	4.10	4.04	3.83	3.71	3.46	3.76		
Electronic Materials Expenditures													
Total	40,204,596	2,302,058	2,157,929	2,381,311	3,242,776	3,059,799	3,721,170	4,623,777	5,721,419	6,350,809	6,643,548	189	79
Per library		121,161	113,575	125,332	170,672	161,042	195,851	243,357	301,127	334,253	349,660		
per capita		0.80	0.76	0.84	1.15	1.11	1.35	1.68	2.03	2.27	2.33		
LIBRARY PROGRAMS													
Total number of programs	358,341	23,082	27,011	30,752	30,493	35,093	37,006	39,041	41,778	45,282	48,803	111	32
Total Attendance	6,706,355	512,486	548,434	527,310	582,116	640,454	706,058	693,100	757,336	818,965	920,096	80	30
Programs per library		1,215	1,422	1,619	1,605	1,847	1,948	2,055	2,199	2,383	2,569	111	32
Attendance per library		26,973	28,865	27,753	30,638	33,708	37,161	36,479	39,860	43,103	48,426	80	30
Average attendance per capita		0.20	0.21	0.20	0.21	0.23	0.26	0.26	0.28	0.30	0.33	64	28

Table 1 (Continued) Summary Characteristics of Ontario Public Libraries, 2007-2018, Band 3

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

	YEAR	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	% change 2008-2017	% Change 2012-2017
# of libraries reporting		24	24	24	24	24	24	24	24	24	24		
Totals for the decade													
POPULATION (Resident)													
Total		1,576,053	1,582,622	1,604,251	1,611,114	1,536,422	1,644,858	1,684,839	1,667,772	1,706,815	1,682,797	7	2
Per library		65,669	65,943	66,844	67,130	64,018	68,536	70,202	69,491	71,117	70,117		
Active Cardholders													
Total		559,984	551,848	599,765	602,460	623,918	574,106	578,709	532,997	503,536	520,807	-7	-9
Per library		23,333	22,994	24,990	25,103	25,997	23,921	24,113	22,208	20,981	21,700		
% of population with cards		36	35	37	37	41	35	34	32	30	31	-13	-11
CIRCULATION													
Total	117,949,412	11,293,378	11,492,320	11,865,310	12,093,378	12,348,679	12,174,606	12,220,736	11,723,933	11,587,647	11,149,425	-1	-8
Per library		470,557	478,847	494,388	503,891	514,528	507,275	509,197	488,497	482,819	464,559		
Circulation per capita		7.0	7.0	7.2	7.3	10.1	7.2	7.1	6.9	6.7	6.6		
EXPENDITURES in \$													
Total Operating Expenditures	741,058,664	62,723,728	66,170,358	68,691,594	70,576,776	72,599,847	75,676,347	79,239,414	79,368,449	81,982,615	84,029,536	34	11
Per library		2,613,489	2,757,098	2,862,150	2,940,699	3,024,994	3,153,181	3,301,642	3,307,019	3,415,942	3,501,231		
Expenditures per capita		39.99	41.99	42.99	43.83	56.89	46.13	46.86	47.64	47.98	49.94		
Total Materials Expenditures	80,067,890	8,966,221	7,491,155	7,853,738	7,262,598	6,988,155	8,058,883	8,073,132	7,926,188	8,664,610	8,783,210	-2	9
General Materials Expenditures													
Total	59,678,713	6,615,289	6,700,314	6,542,986	5,999,790	5,342,101	5,946,060	5,732,263	5,564,922	5,712,384	5,522,604	-17	-7
Per library		275,637	279,180	272,624	249,991	222,588	247,753	238,844	231,872	238,016	230,109		
per capita		4.26	4.26	4.12	3.73	4.14	3.65	3.40	3.40	3.36	3.29		
Electronic Materials Expenditures													
Total	20,389,177	2,350,932	790,841	1,310,752	1,262,808	1,646,054	2,112,823	2,340,869	2,361,266	2,952,226	3,260,606	39	54
Per library		97,956	32,952	54,615	52,617	68,586	88,034	97,536	98,386	123,009	135,859		
per capita		1.83	0.50	0.79	0.80	1.14	1.25	1.35	1.41	1.65	1.88		
LIBRARY PROGRAMS													
Total number of programs	277,711	20,924	17,758	20,160	22,454	23,623	26,902	32,872	36,605	37,730	38,683	85	44
Total Attendance		276,810	323,162	332,616	346,308	370,754	401,172	443,486	486,566	548,697	598,788	116	49
Programs per library		872	740	840	936	984	1,121	1,370	1,525	1,572	1,612	85	44
Attendance per library		11,534	13,465	13,859	14,430	15,448	16,716	18,479	20,274	22,862	24,950	116	49
Average attendance per capita		0.18	0.20	0.20	0.21	0.29	0.24	0.26	0.29	0.32	0.36	97	47

Table 1 (Continued) Summary Characteristics of Ontario Public Libraries, 2007-2018, Band 4

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

	YEAR	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	% change 2008-2017	% Change 2012-2017
# of libraries reporting		16	16	16	16	16	16	16	16	16	16		
POPULATION (Resident)		Totals for the decade											
Total		562,952	573,038	573,118	577,730	582,058	590,094	603,448	602,457	616,610	614,156	9	4
Per library		35,185	35,815	35,820	36,108	36,379	36,881	37,716	37,654	38,538	38,385		
Active Cardholders													
Total		247,198	284,090	278,482	230,502	234,080	247,571	227,878	228,386	230,957	228,673	-7	-8
Per library		15,450	17,756	17,405	14,406	14,630	15,473	14,242	14,274	14,435	14,292		
% of population with cards		44	50	49	40	40	42	38	38	37	37	-15	-11
CIRCULATION													
Total	45,550,539	4,180,859	4,279,595	4,426,881	4,437,730	4,606,098	4,941,052	4,589,546	4,634,411	4,732,806	4,721,561	13	-4
Per library		261,304	267,475	276,680	277,358	287,881	308,816	286,847	289,651	295,800	295,098		
Circulation per capita		7.6	7.7	7.9	7.9	8.2	8.7	7.8	7.9	7.9	8.0		
EXPENDITURES in \$													
Total Operating Expenditures	290,522,470	24,233,218	24,819,291	25,990,754	28,215,890	29,238,040	30,681,005	30,612,116	31,455,928	32,524,674	32,751,554	35	7
Per library		1,514,576	1,551,206	1,624,422	1,763,493	1,827,378	1,917,563	1,913,257	1,965,996	2,032,792	2,046,972		
Expenditures per capita		43.83	44.33	46.42	50.31	52.47	53.78	52.18	53.60	54.03	54.57		
Total Materials Expenditures	26,131,225	2,345,910	2,617,914	2,403,380	2,495,166	2,610,208	2,587,482	2,675,301	2,822,149	2,800,072	2,773,643	18	7
General Materials Expenditures													
Total	19,807,536	2,053,968	2,290,528	2,038,276	1,989,091	2,056,613	1,938,245	1,888,966	1,985,137	1,831,488	1,735,224	-16	-10
Per library		128,373	143,158	127,392	124,318	128,538	121,140	118,060	124,071	114,468	108,452		
per capita		3.74	4.15	3.68	3.61	3.73	3.39	3.23	3.36	3.00	2.92		
Electronic Materials Expenditures													
Total	6,323,689	291,942	327,386	365,104	506,075	553,595	649,237	786,335	837,012	968,584	1,038,419	256	60
Per library		18,246	20,462	22,819	31,630	34,600	40,577	49,146	52,313	60,537	64,901		
per capita		0.56	0.62	0.66	0.91	1.00	1.14	1.33	1.43	1.58	1.74		
LIBRARY PROGRAMS													
Total number of programs	124,841	8,688	9,186	9,817	9,869	9,766	11,834	17,400	15,989	15,225	17,067	96	44
Total Attendance	2,120,934	152,077	165,949	174,098	176,694	188,662	207,819	244,347	267,838	262,645	280,805	85	35
Programs per library		543	574	614	617	610	740	1,088	999	952	1,067	96	44
Attendance per library		9,505	10,372	10,881	11,043	11,791	12,989	15,272	16,740	16,415	17,550	85	35
Average attendance per capita		0.29	0.30	0.32	0.32	0.35	0.37	0.42	0.46	0.44	0.48	67	28

Table 1 (Continued) Summary Characteristics of Ontario Public Libraries, 2007-2018, Band 5

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

	YEAR	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017		
# of libraries reporting		28	28	28	28	28	28	28	28	28	28		
	Totals for the decade											% change 2008-2017	% Change 2012-2017
POPULATION (Resident)													
Total		516,499	518,316	521,709	530,653	532,519	538,798	541,791	541,027	558,481	565,779	10	5
Per library		18,446	18,511	18,632	18,952	19,019	19,243	19,350	19,322	19,946	20,206		
Active Cardholders													
Total		258,395	276,967	255,728	256,813	245,789	236,900	238,216	238,878	228,815	219,767	-15	-7
Per library		9,228	9,892	9,133	9,172	8,778	8,461	8,508	8,531	8,172	7,849		
% of population with cards		50	53	49	48	46	44	44	44	41	39	-22	-12
CIRCULATION													
Total	42,950,212	4,118,159	4,280,055	4,367,741	4,418,090	4,473,791	4,392,365	4,303,547	4,226,801	4,359,119	5,661,733	37	29
Per library		147,077	152,859	155,991	157,789	159,778	156,870	153,698	150,957	155,683	202,205		
Circulation per capita		8.1	8.4	8.5	8.5	8.5	8.2	8.2	8.0	7.9	10.1		
EXPENDITURES in \$													
Total Operating Expenditures	228,397,714	19,919,846	21,279,747	21,896,947	22,543,739	23,074,323	24,063,961	24,984,316	25,313,643	26,329,392	27,037,200	36	12
Per library		711,423	759,991	782,034	805,134	824,083	859,427	892,297	904,059	940,335	965,614		
Expenditures per capita		38.25	40.97	42.48	42.53	43.19	44.45	46.28	46.97	46.89	47.14		
Total Materials Expenditures	22,500,157	2,291,997	2,251,513	2,185,610	2,078,496	2,039,109	2,131,969	2,225,038	2,305,046	2,486,804	2,504,575	9	17
General Materials Expenditures													
Total	18,170,911	2,057,626	2,041,464	1,889,391	1,733,429	1,662,260	1,759,988	1,703,113	1,704,933	1,811,382	1,807,325	-12	3
Per library		73,487	72,909	67,478	61,908	59,366	62,857	60,825	60,890	64,692	64,547		
per capita		3.98	3.97	3.61	3.24	3.12	3.28	3.14	3.16	3.21	3.17		
Electronic Materials Expenditures	4,329,246	234,371	210,049	296,219	345,067	376,849	371,981	521,925	600,113	675,422	697,250	197	87
Total		8,370	7,502	10,579	12,324	13,459	13,285	18,640	21,433	24,122	24,902		
Per library		0.42	0.39	0.56	0.65	0.70	0.69	0.94	1.11	1.18	1.20		
per capita													
LIBRARY PROGRAMS													
Total number of programs	115,702	7,129	7,658	7,867	9,128	11,167	12,400	13,453	14,903	15,655	16,342	129	32
Total Attendance	1,817,891	123,979	136,162	141,639	153,877	179,640	187,131	190,863	217,356	243,026	244,218	97	31
Programs per library		255	274	281	326	399	443	480	532	559	584	129	32
Attendance per library		4,428	4,863	5,059	5,496	6,416	6,683	6,817	7,763	8,680	8,722	97	31
Average attendance per capita		0.24	0.26	0.27	0.29	0.34	0.35	0.35	0.41	0.43	0.43	80	24

Table 1 (Continued) Summary Characteristics of Ontario Public Libraries, 2007-2018, Band 6

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

	YEAR	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	% change 2008-2017	% Change 2012-2017
# of libraries reporting		62	62	62	62	62	62	62	62	62	62		
	Totals for the decade												
POPULATION (Resident)													
Total		545,077	542,223	539,009	540,549	542,517	541,732	539,649	539,466	551,546	550,277	1	2
Per library		8,792	8,746	8,694	8,719	8,750	8,738	8,704	8,701	8,896	8,875		
Active Cardholders													
Total		237,791	244,384	241,416	231,680	219,543	225,456	223,312	208,197	208,994	207,977	-13	-8
Per library		3,835	3,942	3,894	3,737	3,541	3,636	3,602	3,358	3,371	3,354		
% of population with cards		44	45	45	43	40	42	41	39	38	38	-13	-9
CIRCULATION													
Total	42,950,212	4,035,539	4,138,389	4,288,903	4,262,544	4,214,615	4,043,267	4,024,683	4,070,756	4,134,890	3,951,973	-2	-2
Per library		65,089	66,748	69,176	68,751	67,978	65,214	64,914	65,657	66,692	63,742		
Circulation per capita		7.5	7.8	8.3	8.0	7.7	7.5	7.5	7.3	7.3	6.9		
EXPENDITURES in \$													
Total Operating Expenditures	228,397,714	18,792,496	19,823,457	20,763,501	20,960,696	21,951,382	22,454,202	23,362,207	24,028,243	25,257,452	25,953,140	38	16
Per library		303,105	319,733	334,895	338,076	354,055	362,165	376,810	387,552	407,378	418,599		
Expenditures per capita		34.86	36.65	39.57	39.05	40.75	41.58	43.38	44.89	45.72	47.36		
Total Materials Expenditures	23,616,003	2,319,196	2,395,930	2,446,105	2,271,916	2,254,273	2,345,068	2,336,969	2,370,514	2,375,319	2,500,713	8	7
General Materials Expenditures													
Total	20,113,152	2,165,895	2,204,261	2,222,655	1,961,333	1,902,538	1,969,110	1,940,271	1,903,482	1,901,862	1,941,745	-10	-1
Per library		34,934	35,533	35,849	31,634	31,189	31,760	31,295	30,701	30,675	31,318		
per capita		4.03	4.12	4.31	3.65	3.54	3.65	3.62	3.59	3.52	3.57		
Electronic Materials Expenditures													
Total	3,502,851	153,301	191,669	223,450	310,583	351,735	375,958	396,698	467,032	473,457	558,968	265	49
Per library		2,473	3,091	3,604	5,009	5,673	6,064	6,398	7,533	7,636	9,016		
per capita		0.26	0.37	0.42	0.58	0.72	0.72	0.74	0.86	0.85	0.99		
LIBRARY PROGRAMS													
Total number of programs	141,992	8,369	8,692	9,325	10,569	13,346	14,608	17,299	17,460	20,493	21,831	161	49
Total Attendance	2,093,107	142,520	140,811	250,081	174,205	192,875	204,215	231,197	226,160	251,244	279,799	96	37
Programs per library		135	140	150	170	215	236	279	282	331	352	161	49
Attendance per library		2,299	2,271	4,034	2,810	3,111	3,294	3,729	3,648	4,052	4,513	96	37
Average attendance per capita		0.27	0.26	0.44	0.33	0.36	0.38	0.44	0.43	0.48	0.54	101	42

Table 1 (Continued) Summary Characteristics of Ontario Public Libraries, 2007-2018, Band 7

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

	YEAR	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	% change 2008-2017	% Change 2012-2017
# of libraries reporting		34	34	34	34	34	34	34	34	34	34		
POPULATION (Resident)	Totals for the decade												
Total		125,029	126,365	122,904	128,071	126,479	124,902	124,164	124,667	125,529	123,173	-1	-1
Per library		3,677	3,717	3,615	3,767	3,720	3,674	3,652	3,667	3,692	3,623		
Active Cardholders													
Total		59,144	58,327	59,157	62,962	60,290	61,320	59,373	57,684	55,751	48,910	-17	-20
Per library		1,740	1,716	1,740	1,852	1,773	1,804	1,746	1,697	1,640	1,439		
% of population with cards		47	46	48	49	48	49	48	46	44	40	-16	-19
CIRCULATION													
Total	8,579,270	843,193	1,002,830	839,230	878,824	868,463	848,220	868,135	899,641	766,679	764,055	-9	-10
Per library		24,800	29,495	24,683	25,848	25,543	24,948	25,533	26,460	22,549	22,472		
Circulation per capita		7.0	8.7	7.2	7.4	7.2	7.1	7.4	7.6	6.4	6.4		
EXPENDITURES in \$													
Total Operating Expenditures	57,630,864	5,054,037	5,313,297	5,767,672	6,024,518	5,505,885	5,706,484	6,073,937	5,971,347	6,015,898	6,197,789	23	9
Per library		148,648	156,273	169,637	177,192	161,938	167,838	178,645	175,628	176,938	182,288		
Expenditures per capita		40.94	43.00	47.92	49.09	44.26	46.07	49.64	48.45	48.78	50.80		
Total Materials Expenditures	6,027,766	578,937	678,418	735,975	568,073	575,247	570,269	581,130	576,990	556,038	606,689	5	6
General Materials Expenditures													
Total	5,271,951	566,521	620,597	634,604	512,807	509,710	497,766	494,400	493,220	455,603	486,723	-14	-2
Per library		16,662	18,253	18,665	15,083	14,991	14,640	14,541	14,506	13,400	14,315		
per capita		4.64	5.03	5.43	4.24	4.21	4.12	4.19	4.15	3.78	3.98		
Electronic Materials Expenditures													
Total	755,815	12,416	57,821	101,371	55,266	65,537	72,503	86,730	83,770	100,435	119,966	866	65
Per library		365	1,701	2,982	1,625	1,928	2,132	2,551	2,464	2,954	3,528		
per capita		0.10	0.48	0.90	0.50	0.55	0.62	0.79	0.74	0.83	1.05		
LIBRARY PROGRAMS													
Total number of programs	36,382	2,145	1,987	2,794	2,979	3,687	3,911	4,238	4,837	4,810	4,994	133	28
Total Attendance	462,808	31,512	32,916	37,584	41,280	48,305	46,209	49,004	56,040	56,588	63,370	101	37
Programs per library		63	58	82	88	108	115	125	142	141	147	133	28
Attendance per library		927	968	1,105	1,214	1,464	1,359	1,441	1,648	1,664	1,864	101	37
Average attendance per capita		0.27	0.28	0.33	0.35	0.42	0.39	0.42	0.47	0.49	0.56	111	44

Table 1 (Continued) Summary Characteristics of Ontario Public Libraries, 2007-2018 Band 8

(Resident population fewer than 2,501)

	YEAR	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	% change 2008-2017	% Change 2012-2017
# of libraries reporting		67	67	67	67	67	67	67	67	67	67		
Totals for the decade													
POPULATION (Resident)													
Total		84,510	83,636	80,915	80,599	80,935	80,391	79,434	79,011	78,969	78,477	-7	-2
Per library		1,261	1,248	1,208	1,203	1,208	1,200	1,186	1,179	1,179	1,171		
Active Cardholders													
Total		43,496	48,332	45,930	47,747	48,855	49,192	50,311	50,588	50,766	53,414	23	9
Per library		649	721	686	713	729	734	751	755	758	797		
% of population with cards		51	58	57	59	60	61	63	64	64	68	32	11
CIRCULATION													
Total	7,020,855	802,540	815,668	828,104	927,483	683,789	627,483	603,602	587,450	583,586	561,150	-30	-11
Per library		11,978	12,174	12,360	13,843	10,206	9,365	9,009	8,768	8,710	8,375		
Circulation per capita		10.4	10.7	11.4	12.7	9.3	8.6	8.4	8.3	8.0	7.7		
EXPENDITURES in \$													
Total Operating Expenditures	51,113,609	4,278,901	4,854,790	5,321,541	5,314,372	4,836,953	4,913,086	5,098,937	5,453,707	5,490,948	5,550,374	30	13
Per library		63,864	72,460	79,426	79,319	72,193	73,330	76,104	81,399	81,954	82,841		
Expenditures per capita		75.68	86.61	95.27	79.45	67.30	69.79	71.72	79.83	80.00	80.34		
Total Materials Expenditures	8,109,388	595,558	858,667	941,797	728,797	749,766	776,942	732,205	846,650	950,635	928,371	56	19
General Materials Expenditures													
Total	5,316,848	543,448	754,621	800,551	485,207	453,769	445,823	430,243	464,025	463,568	475,593	-12	7
Per library		8,111	11,263	11,949	7,332	6,981	6,755	6,422	6,926	6,919	7,098		
per capita		11.53	17.40	17.23	6.71	6.36	6.10	6.02	7.00	6.91	6.95		
Electronic Materials Expenditures													
Total	2,792,540	52,110	104,046	141,246	243,590	295,997	331,119	301,962	382,625	487,067	452,778	769	37
Per library		778	1,553	2,108	3,636	4,418	4,942	4,507	5,711	7,270	6,758		
per capita		2.33	4.40	4.73	4.81	5.63	6.20	5.60	7.03	8.75	8.43		
LIBRARY PROGRAMS													
Total number of programs	28,759	1,492	1,540	1,962	2,472	3,573	3,334	3,323	3,642	3,531	3,890	161	17
Total Attendance	410,248	30,070	27,865	41,023	42,128	43,585	43,813	42,498	43,155	47,739	48,372	61	10
Programs per library		22	23	29	41	58	54	50	54	53	58	161	8
Attendance per library		449	416	612	691	703	707	634	644	713	722	61	2
Average attendance per capita		0.59	0.55	0.70	0.58	0.61	0.63	0.57	0.56	0.66	0.65	10	2

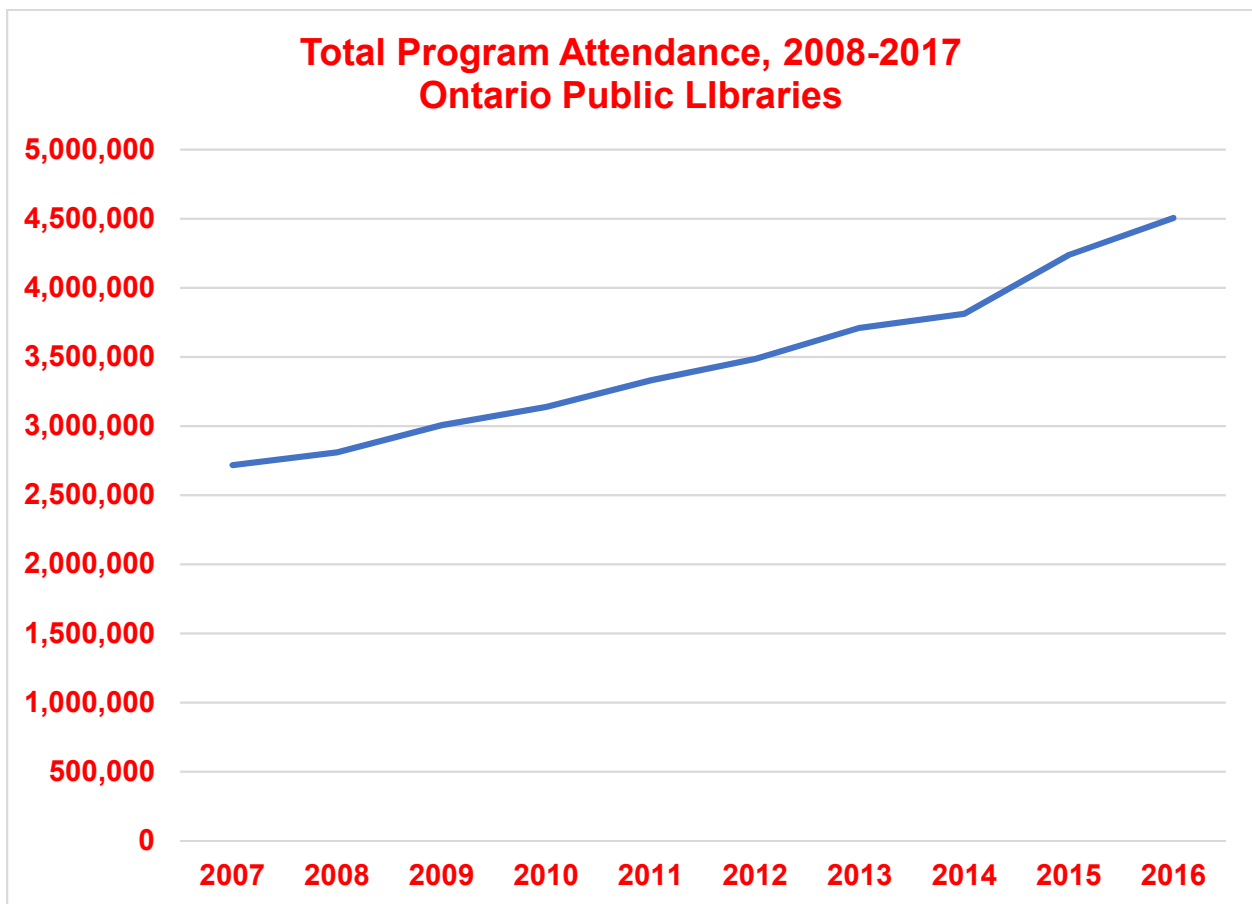
Table 1 (Continued) Summary Characteristics of Ontario Public Libraries, 2007-2018, First Nations' Libraries

	YEAR	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	% change 2008-2017	% Change 2012-2017
# of libraries reporting		42	42	42	42	42	42	42	42	42	42		
POPULATION (Resident)	Totals for the decade												
Total		47,930	49,455	48,580	49,747	48,463	49,568	50,662	52,426	51,339	53,143	11	7
Per library		1,141	1,178	1,157	1,184	1,154	1,180	1,206	1,248	1,222	1,265		
Active Cardholders													
Total		19,316	18,263	16,653	16,665	15,334	16,885	19,153	19,583	19,297	19,393	0	15
Per library		460	435	397	397	365	402	456	466	459	462		
% of population with cards		40	37	34	33	32	34	38	37	38	36	-9	7
CIRCULATION													
Total	1,313,597	123,201	140,845	128,621	145,941	150,592	130,226	117,725	143,367	121,471	111,608	-9	-14
Per library		2,933	3,353	3,062	3,560	3,586	3,101	2,803	3,414	2,892	2,657		
Circulation per capita		6.9	6.8	5.6	5.5	5.5	5.4	5.0	5.9	4.3	3.9		
EXPENDITURES in \$													
Total Operating Expenditures	228,397,714	2,273,334	2,476,746	2,575,768	2,396,940	2,482,546	2,850,852	2,298,127	2,495,307	2,495,463	2,527,012	11	-11
Per library		54,127	58,970	61,328	57,070	59,108	67,877	54,717	59,412	59,416	60,167		
Expenditures per capita		103.83	116.64	119.33	102.14	114.78	119.20	92.71	95.70	99.69	100.45		
Total Materials Expenditures	1,831,773	158,533	251,033	329,467	199,463	135,074	145,832	115,782	189,629	159,826	147,134	-7	1
General Materials Expenditures													
Total	1,564,819	145,067	218,147	298,678	183,428	124,063	131,642	102,470	150,826	120,923	89,575	-38	-32
Per library		3,454	5,194	7,111	4,958	3,649	3,558	2,440	3,591	2,879	2,133		
per capita		8.42	17.98	21.91	8.48	6.38	6.23	3.87	7.60	4.80	3.32		
Electronic Materials Expenditures													
Total	266,954	13,466	32,886	30,789	16,035	11,011	14,190	13,312	38,803	38,903	57,559	327	306
Per library		321	783	733	382	262	338	317	924	926	1,370		
per capita		0.37	2.08	1.19	1.24	0.25	0.64	0.51	1.28	3.34	2.67		
LIBRARY PROGRAMS													
Total number of programs	42,803	2,849	2,814	3,688	4,025	4,936	4,835	4,411	4,409	4,732	6,104	114	26
Total Attendance	581,206	41,775	35,531	46,448	50,433	61,633	41,739	49,855	77,760	89,487	86,545	107	107
Programs per library		68	67	88	103	123	118	105	105	113	145	114	23
Attendance per library		995	846	1,106	1,293	1,541	1,070	1,187	1,851	2,131	2,061	107	93
Average attendance per capita		2.02	1.87	2.38	2.66	4.05	2.76	2.10	2.67	2.76	2.72	35	-2

Charts Based on Data in this Report

We included charts in previous reports based on the data in Table 1. Table 1 presents a ten-year summary of major factors in all non-contracting libraries that reported data for each year of the decade. Those numbers are largely traditional measures of library use and readers of these reports will recall that these traditional measures generally peaked mid-decade and have been declining slowly since then.

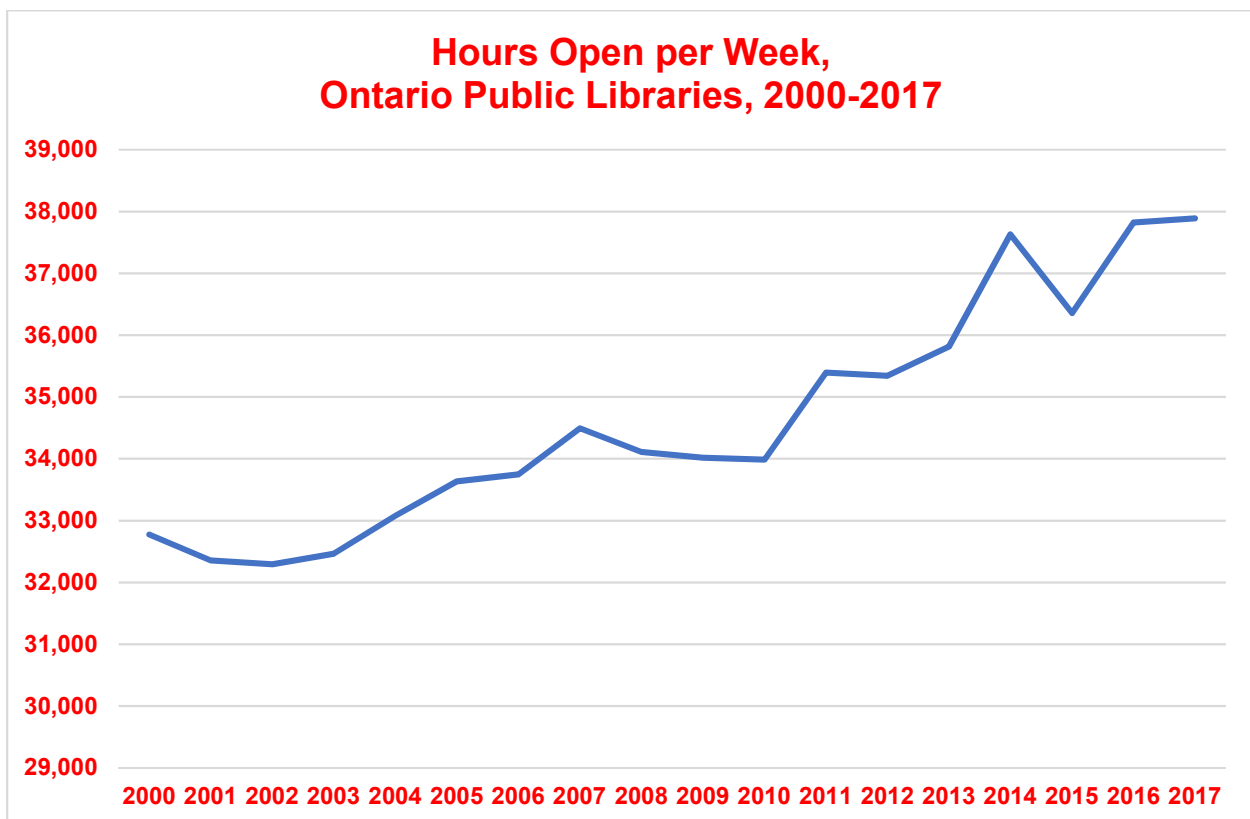
One of those charts we have included previously presents time series data about programs offered by the libraries. Programs has been a successful effort judging by the numbers. So successful that we have expanded the analysis of them from two pages to 11 in Table 10. Here are the data from the 301 libraries on attendance at programs from 2008-2017:



Again, these figures show steady growth.

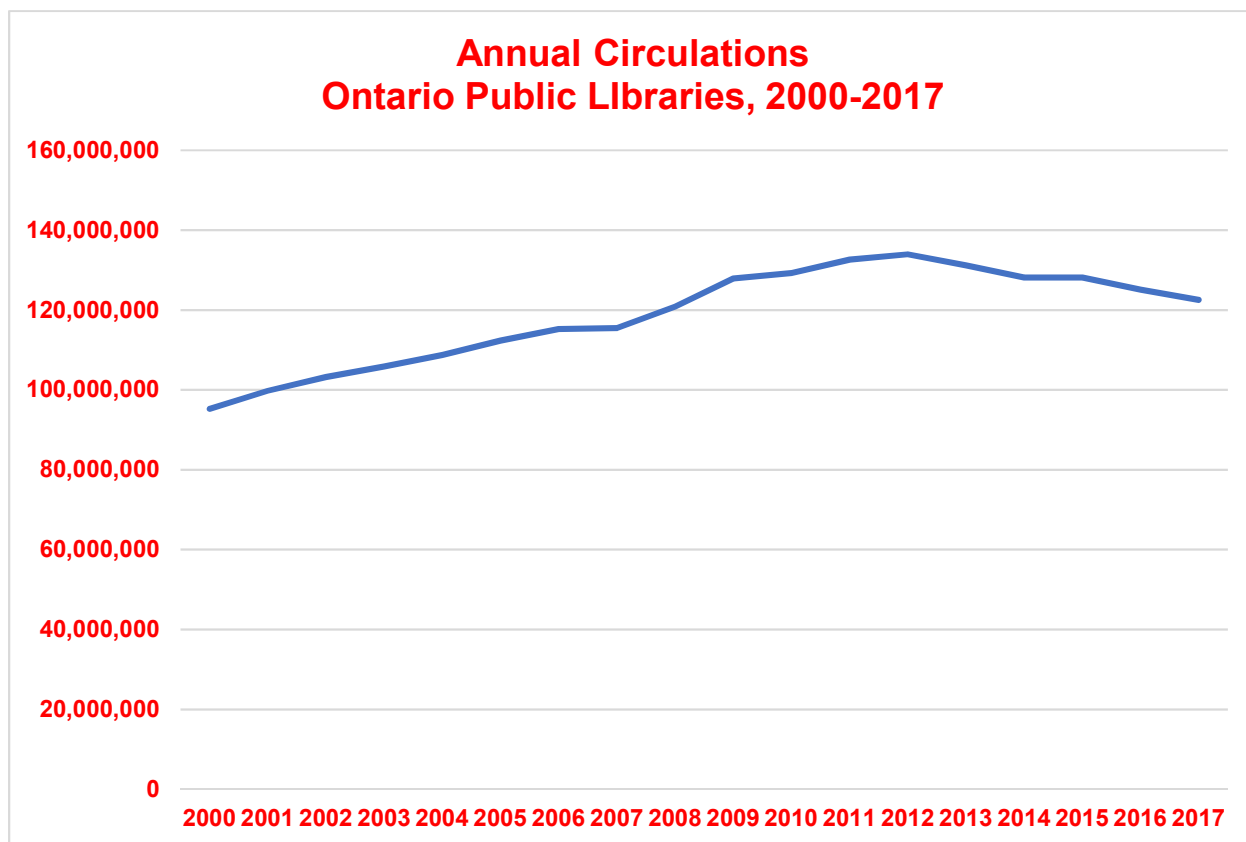
This report, though, we offer charts based on data from two other Tables featuring data we have never analyzed.

There are two from Table 16 on “service points” that is branches and one from Table 17. One plots the annual circulation figures from 2000-2017 at all Ontario Public Libraries, and a second plots a calculation of circulations per capita by year over that period. First, hours open:



Hours open is the sum of hours open for each of the various types of library service points for all libraries for all years. Clearly there is an upward trend: libraries are increasing their hours available. Moreover, with electronic versions of the library online, effectively libraries are now always open for some functions.

This chart is also based on Table 16 data and is a picture of the path to the 2.1 billion circulations over that 18-year period.



One of the charts we have featured from Table 1 represents circulations per capita—about as traditional a measure as public libraries have. There has been a slow decline across all bands in the periods we have examined in previous reports. Using the data for 2000-2017 in Table 16, we calculated this ratio and we present this chart using those data over that time—for 18 years instead of 10.

Note the two peaks. When we look at this broader picture with data from more than one decade, we see that what we are experiencing these last few years resembles an earlier period and after that low point in 2008, the circulations per capita rose again and 2012 matched the peak of 2005. Why? It seems unlikely this pattern will be repeated with another rise, given the many alternatives available at the libraries but alternatives were available earlier, too. Or maybe there was some other problem in measuring this behaviour?

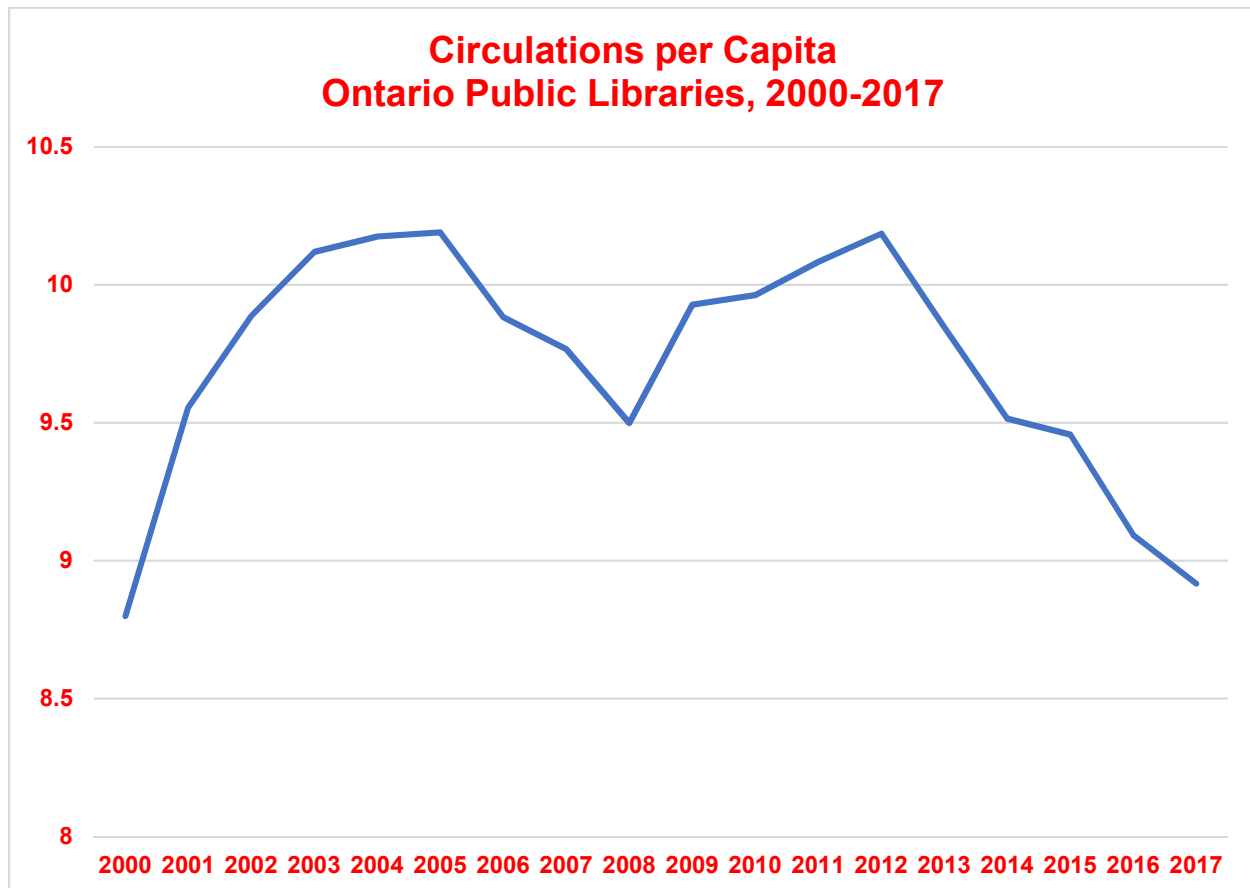
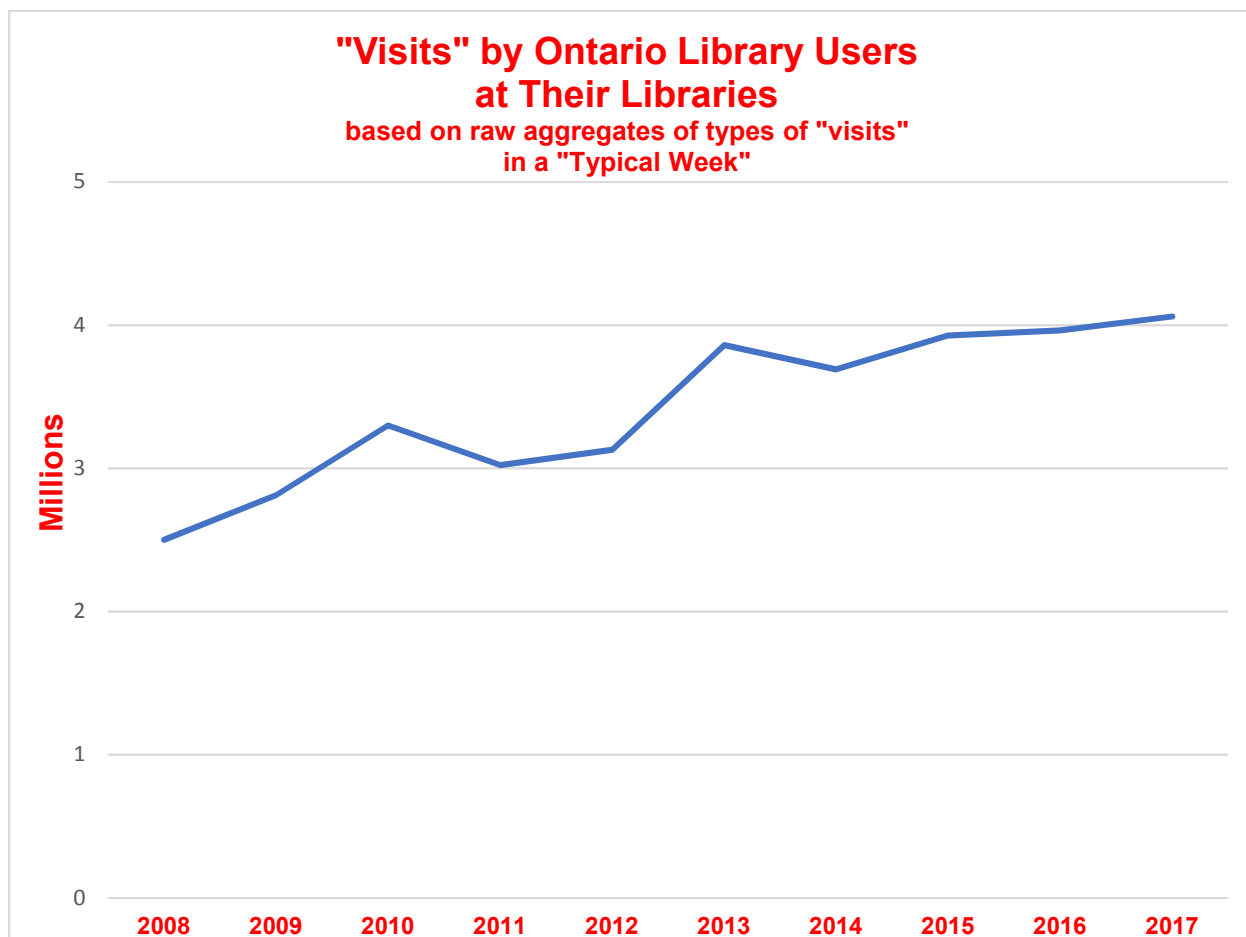


Table 17 (p. 132) uses “Typical Week” data to probe the question of “how many people are using the libraries?” This is a means of estimating how many people use the library and one that has been used for years. As we point out in the discussion of this Table, traditional “gate counts” which involved counting people coming into the library at the gate measure something that has been declining. But, see the Table, that number, while large, has been falling. We discussed this variable in the Introduction because it illustrates a central aspect of changes libraries are managing. We concluded that the notion behind traditional “visits” needs to be revised given there are alternatives to walking in the door of a library. Visits to a library to transact business involve more means of “visiting” than walking through the doors. As we show in Table 17, we can use the “Typical Week” data of various kinds of “visits” to get a better picture of how people interact with their libraries. What is happening with these “Typical Week” data on these various methods of visiting the library?



Another rising trend: steadily increasing although the data themselves in the spreadsheet have more detail.

The estimate, then, is that over 4 million people are interacting with Ontario's public libraries each week based on analysis of the numbers collected and reported by the Ministry. This number has trended up for the decade.

What is the annual figure? The Ministry suggests multiplying these "Typical Week" figures by 50. Briefly, libraries are not open the equivalent of 52 weeks a year given holidays and the like.

See the discussion at the bottom of page 133 for a discussion of "Typical Week" data and a confirmation of this method of estimating annual figures from "Typical Week."

Using that method, our 4 million interactions a week indicates that around 200 million interactions took place in 2007. How many total visits for the decade? An estimate presented on that table, based on this method is 1.7 billion visits by those means we have data on.

It is worth remembering that while most of these interactions will be between Ontario residence and their libraries, some are with people outside of Ontario who come to the libraries' Websites and social media to seek information about Ontario itself. The libraries serve as an ambassador for Ontario itself.

Most of the numbers we report on here are actual counts. Sometimes those counts come from computers that record transactions such as computer circulations. Others come from other counts. Was the actual circulation figure for the Ontario public libraries from 2000-2017 actually 2,135,785,046? Probably not but we can be reasonably sure the actual number was in that area. Likely that figure comes mostly from computers doing what they do well: counting. It is, in any case, our best number for that phenomenon.

Key Ratios at Ontario's Public Libraries, 2017

Table 2 is a collection of ratios for each library reporting in 2017 and arranged alphabetically by the name of the library.

A number of these ratios are dealt with in the pages that follow in varying kinds of detail but in most, the data from individual libraries are not available. What follows is a discussion of the variables in this printed spreadsheet and in the digital copy for FOPL members. The printed spreadsheet begins on page 48.

The **Library Number** is the Ministry's internal number key for each library. In earlier years, a similar key number: Library ID, was used. The two sets of numbers are easily converted. Part of the strength of this series is the foundational infrastructure where there is a consistency of what has been collected and from which libraries. Libraries are dynamic, and things change. Libraries open and close and contracting municipalities change contracts, but the Ministry has maintained this key structure over the years. It is almost impossible to be too complimentary to the effort that went into maintaining this critical key variable over the years.

The **Band** is a variable that is used often in this Report and it is the Ministry's means of segmenting libraries by size. If you have read the *Primer*, you will understand the long history of public library data series segmenting libraries by their size and usually in terms of the population served. Page 24 in the broader discussion of the Ontario Public Library data lists the Bands and the resident population found in libraries in each Band. In the FOPL data, we have added a Band which includes only the First Nations' libraries. Our analysis in these pages often uses Bands to examine how libraries of different sizes are responding to the changing information environment.

Then we have two columns to identify the libraries: **Library Name** and their **City**.

The rest of the columns in this wide spreadsheet are of variables which are ratios constructed (mostly) from a variable divided by the resident population or in a few cases by the number of active cardholders. We have analyzed both methods of calculating per capita measures to compare libraries.

One of the means of analysis we have used is "Rank Order Tables," which are ranks of libraries by these ratios. If one has a taste for the history of library data, one can find precedents for ordering libraries by published data going back to the early 19th century.

Or before the birth of Christ with the apparent competition between the libraries of Alexandria and Pergamum using dueling statistics. More recently, with some aspects of data reporting more systematic, we can begin to make better comparisons. “Apples to apples,” as we are inclined to say. Hear and believe, however: with data, it is never “apples to apples.” If we are lucky, we can get close: Granny Smith to Gala, perhaps.

“What is measured improves,” and in library data, that certainly is true. You will find echoed through these looks at these data the observation that data get better as people examine them. “Oh, I thought when they asked for 'X' they meant something different from what you thought they meant.” It takes time to work these things out.

Experience indicates it takes about three years with annual library data—give or take..

Anomalies are a common fact in library data and often from smaller libraries where the staff has enough to do to keep the doors open and provide service. Maybe reporting data is not the top of their list when Ms. Jones shows up with her class for a tour? Maybe that volunteer keeping the doors open has no training? Or the person who did those numbers the last three years is no longer here and the new person did the best he or she could. Analysts come along a good bit later and must do the best they can. If you look at the spreadsheet, you will note that missing items most often come from smaller libraries. There is a term of art: “Responder Burden.” This burden occurs when long forms requiring information are too time consuming for the time available to fill them out. Collecting data always involves trade-offs. Data are a good servant but a terrible master.

In Ontario, there are various forms of “contracting” for library services where one political agency pays another for library service for its citizens. These data are hard to capture—particularly over time. In Ontario, the practice has been to ignore these contracted populations for such calculations and, the numbers of such libraries are usually small. But one does need to keep them in mind as a library which has such contracts will have annual circulations without the attendant resident population from its contracted users. How this fact affects ratios involve population or active cardholders is not clear but likely overstates the ratios for libraries contracting with other municipalities for library service.

The next two columns involve “**Active Cardholders**,” that is, members of the Resident Population which hold library cards. We first provide the calculation of Annual Circulations divided by the number of these Cardholders (**Circs per cardholder.**) The

second column shows the percentage these Cardholders are of the Resident Population (**Cardholders as a % of Population.**) Table 1 records that that this percent as well as the number of cardholders has declined over the decade for all 302 libraries. On page 35, there is a chart showing the declining number of cardholders since 2010.

Given that there are fewer cardholders than resident population, we can expect that circulations for each cardholder will be greater than that for the population and, in fact, it is arguably better to use circulations per cardholder as a measure of a circulations per capita type number.

We then move to ratios of Expenditures for several categories: Total Operating Expenditures, General Materials Expenditures, and Electronic Materials Expenditures.

In the case of Total Operating Expenditures, we have the per resident population ratio (**Total Operating Expenditures per capita**) and the per cardholder ratio (**Total Operating Expenditures per cardholder.**) Give that even people who do not have a card to use a library can 1) in some cases use library resources and 2) even people who do not actively “use” a library, nonetheless benefit from a library's existence, there is a bit of uncertainty, about how to assign those parts of Expenditures to assign to either group? By giving both, we hope to bracket the true—but unknown number—between the ranges given for Total Operating Expenditures for the two per capita estimates.

Next, General Materials Expenditures (**General Materials Expenditures per capita**),) along with Electronic Materials Expenditures (**Electronic Materials Expenditures per capita**) which results lead us to an important conclusion of this look at these data: results seen in traditional library measures are, generally, flat or declining. On the other hand, measures of uses of electronic (or “digital”) materials are increasing. Table 1 presents these two variables and their sum: Expenditures for collections. Electronic Materials Expenditures are growing and now more than half of the amounts going to General Materials.

These data confirm what is expected: electronic resources are undergoing substantial growth at the Ontario public libraries.

Another stark result is shown in Programs Offered and Program Attendance at these libraries Table 1 has aggregate data and there is a related chart on page 38. Ontario's public libraries have a burgeoning list of programs, affecting more and more of the province's citizens. There is more analysis of aspects of these programs in Table 7

where we have ranked program attendance per capita by the size Bands and in Table 10 where disaggregated program data from 2011-2017 are reported in substantially more detail than in previous reports.

We have also added a new variable reporting on how many downloading and streaming services each library reports it uses.

Table 2: Key Ratios for Ontario Public Libraries, 2017

Library Number	Band	Library Name	City	Population (Resident)	Active Cardholders	Circs		Cardholders as a % of Population	Total		Total		General		Electronic		Program Attendance per capita	Program Attendance per cardholder	Programs Offered per capita	Programs Offered per cardholder	How many Downloading and Streaming Sources?
						per capita	per cardholder		Operating Expenditures \$	Operating Expenditures per capita \$	Operating Expenditures per cardholder \$	Materials Expenditures per capita \$	Materials Expenditures per cardholder \$								
1	L0005	8 Addington Highlands Twp	Flinton	1,744	959	6.4	11.6	55	80,887	46.38	84.35	4.55	0.65	0.12	0.21	0.02	0.03	0			
2	L0002	7 Admaston/Bromley Twp	Douglas	2,713	369	3.6	26.3	14	49,585	18.28	134.38	3.24	2.45	0.12	0.91	0.01	0.04	0			
3	L0032	2 Ajax	Ajax	127,400	35,869	6.4	22.8	28	4,752,065	37.30	132.48	3.38	1.69	0.27	0.96	0.01	0.05	7			
4	L0390	FN Alderville FN	Alderville	323	232	2.3	3.2	72	24,611	76.20	106.08	3.01	3.96	1.41	1.97	0.15	0.22	0			
5	L0004	6 Alford & Plantagenet Twp	Lefrivre	9,480	1,776	3.5	19.2	18	335,103	34.62	188.68	0.53	0.00	0.07	0.39	0.00	0.02	1			
6	L0391	FN Algonquins of Pikwakanagan FN	Golden Lake	460	59	0.2	1.3	13	34,431	74.85	583.58	4.34	1.90	0.13	1.02	0.07	0.56	0			
7	L0487	6 Alwicks/Haldimand Twp	Grafton	6,869	1,857	3.9	14.5	27	217,782	31.71	117.28	4.11	0.82	0.13	0.49	0.01	0.04	0			
8	L0013	8 Armstrong Twp	Earlton	1,216	321	0.1	0.2	26	60,732	49.94	189.20	6.02	0.00	0.06	0.24	0.00	0.02	0			
9	L0014	6 Arnprior	Arnprior	8,795	5,166	15.0	25.5	59	550,776	62.62	106.62	4.56	0.43	1.17	1.99	0.07	0.13	1			
10	L0016	7 Asphodel-Norwood	Norwood	4,041	539	1.8	13.8	13	143,635	35.54	266.48	3.16	0.16	0.35	2.59	0.05	0.38	0			
11	L0017	8 Assignack Twp	Manitoulin Island	1,013	701	10.8	15.6	69	46,181	45.59	65.88	1.67	1.01	0.60	0.87	0.01	0.02	0			
12	L0018	7 Athens Twp	Athens	3,013	672	1.9	8.7	22	45,386	15.06	67.54	2.04	0.68	0.38	1.71	0.03	0.15	0			
13	L0424	FN Atikameksheng Anishnawbek Band No. 6 FN	Whitefish First Nation	434	500	2.3	2.0	115	20,679	47.65	41.36	1.15	0.00	9.69	8.41	1.93	1.67	0			
14	L0011	7 Atikokan	Atikokan	2,753	1,282	5.8	12.5	47	253,838	92.20	198.00	6.51	1.70	1.46	3.14	0.08	0.18	0			
15	L0010	6 Augusta Twp	Brockville	7,353	2,451	2.8	8.4	33	132,225	17.98	53.95	2.36	0.33	0.09	0.26	0.00	0.01	0			
16	L1035	FN Aundeck-Omni-Kaning FN	Little Current	394	50	0.6	4.7	13	29,984	76.10	599.68	0.00	11.41	0.59	4.68	0.10	0.82	2			
17	L0033	3 Aurora	Aurora	55,445	26,798	13.1	27.1	48	3,739,893	67.45	139.61	4.27	2.52	0.36	0.74	0.02	0.04	11			
18	L0062	7 Bancroft Town	Bancroft	3,881	1,542	6.0	15.1	40	164,498	42.39	106.68	3.85	0.66	0.17	0.44	0.01	0.03	0			
19	L0043	2 Barris	Barris	147,000	39,089	9.6	36.1	27	8,412,644	57.23	215.22	3.08	4.58	0.23	0.86	0.01	0.04	4			
20	L0393	FN Beausoleil First Nation Public Library	Christian Island	670	377	3.3	5.8	56	65,332	97.51	173.29	0.00	0.00	1.58	2.81	0.32	0.56	0			
21	L0081	3 Belleville	Belleville	50,716	23,972	6.8	14.5	47	2,307,804	45.50	96.27	2.21	1.67	0.34	0.72	0.01	0.03	1			
22	L0394	FN Big Grassy FN	Morson	294	281	3.4	3.5	96	37,208	126.56	132.41	0.86	0.33	1.56	1.63	0.05	0.05	0			
23	L0456	FN Biigtigong Nishnaabeg	Heron Bay	531	85	3.7	22.9	16	17,249	32.48	202.93	0.00	0.00	0.17	1.05	0.02	0.09	0			
24	L0082	8 Billings Twp	Kagawong	603	217	5.7	15.8	36	27,262	45.21	125.63	10.87	1.58	0.04	0.11	0.00	0.01	0			
25	L0462	FN Bkejwanong FN	Wallaceburg	2,369	650	0.5	1.8	27	108,567	45.83	167.03	2.65	0.00	0.52	1.89	0.05	0.17	0			
26	L0083	8 Black River-Matheson Twp	Matheson	2,247	881	3.2	8.2	39	110,781	49.30	125.74	4.55	0.00	0.11	0.27	0.01	0.03	0			
27	L0429	8 Blind River	Blind River	2,472	2,024	7.1	8.7	82	125,064	50.59	61.79	6.47	0.17	0.96	1.17	0.09	0.11	0			
28	L0084	8 Bonfield	Bonfield	1,975	390	6.3	31.9	20	84,461	42.77	216.57	7.45	0.27	0.10	0.48	0.01	0.06	0			
29	L0080	6 Bonmechere Union	Eggarville	5,528	2,117	4.8	12.4	38	255,268	45.82	119.64	1.89	0.28	0.80	2.08	0.11	0.27	0			
30	L0070	6 Bracebridge	Bracebridge	14,941	8,026	8.8	16.3	54	993,596	63.82	118.81	3.75	2.43	0.35	0.64	0.03	0.05	1			
31	L0086	4 Bradford West Gwillimbury Town	Bradford	35,688	22,545	8.0	12.6	63	2,255,312	63.20	100.04	4.58	1.79	0.76	1.20	0.04	0.06	2			
32	L0041	1 Brampton	Brampton	607,740	145,899	6.7	28.0	24	17,912,200	29.47	122.77	1.99	2.17	0.20	0.83	0.01	0.03	12			
33	L0040	4 Brant County	Paris	31,030	11,185	14.9	41.2	36	1,900,774	61.26	169.94	5.49	2.53	0.85	2.36	0.07	0.20	4			
34	L0039	3 Brantford	Brantford	99,531	16,782	5.7	33.6	17	5,049,662	50.73	300.90	3.20	3.06	0.31	1.85	0.02	0.10	8			
35	L0466	6 Brighton Public Library Board	Brighton	11,844	7,030	9.8	16.6	59	478,201	40.37	68.02	2.92	2.04	0.26	0.44	0.01	0.02	0			
36	L0322	8 Britt Area	Britt	940	165	20.7	117.9	18	5,368	5.71	32.53	5.59	0.00	0.03	0.16	0.00	0.01	0			
37	L0038	6 Brock Twp	Beaverton	11,642	2,866	3.2	13.1	25	609,378	52.34	212.62	4.81	2.02	0.24	0.97	0.05	0.21	0			
38	L0088	5 Brockville	Brockville	21,346	5,413	65.0	256.4	25	800,112	37.48	147.81	1.65	1.66	0.51	2.01	0.04	0.14	1			
39	L0089	3 Bruce County	Town of Saugueen Shores	61,119	28,319	7.0	15.2	46	3,547,252	58.04	125.26	5.61	0.50	0.48	1.04	0.04	0.09	3			
40	L0044	8 Bruce Mines & Plummer Additional Union	Bruce Mines	1,226	785	6.4	9.9	64	105,465	86.02	134.35	0.79	1.09	0.13	0.21	0.01	0.01	0			
41	L0090	7 Burk's Falls, Armour & Ryerson Union	Burk's Falls	3,043	1,918	5.4	8.6	63	148,932	48.94	77.65	2.73	0.91	0.37	0.59	0.01	0.01	0			
42	L0037	2 Burlington	Burlington	175,438	87,517	10.2	20.5	50	11,094,751	63.24	126.77	4.23	2.39	0.77	0.02	0.03	7				
43	L0049	3 Caledon	Caledon East	71,600	13,878	5.3	27.4	19	3,522,707	49.20	253.83	3.53	2.55	0.24	1.22	0.02	0.08	3			
44	L1036	7 Callander	Callander	3,863	1,588	4.6	11.3	41	284,537	73.66	179.18	3.07	0.40	1.05	2.55	0.20	0.48	0			
45	L0104	2 Cambridge	Cambridge	133,900	42,976	7.5	23.5	32	6,595,115	49.25	153.46	3.22	1.49	0.54	1.70	0.02	0.06	4			
46	L0048	6 Carleton Place	Carleton Place	10,764	6,321	12.2	20.8	59	432,657	40.19	68.45	4.68	1.33	0.54	0.92	0.05	0.08	3			
47	L0106	8 Carlow/Mayo Public Library	Bancroft	864	450	2.4	4.7	52	29,904	34.61	66.45	3.01	1.41	0.01	0.02	0.00	0.00	0			
48	L0107	7 Casselman	Casselman	3,100	1,156	2.7	7.4	37	138,961	44.83	120.21	3.10	1.46	1.27	3.40	0.01	0.01	0			
49	L0045	6 Cavan Monaghan Public Library Board, Township of	Millbrook	8,829	3,000	4.9	14.3	34	298,912	33.86	99.64	2.80	0.89	0.46	1.36	0.02	0.05	1			
50	L0109	8 Central Manitoulin Twp	Mindemoya	2,084	2,684	7.7	6.0	129	98,393	47.21	36.66	5.90	1.12	0.17	0.13	0.00	0.00	0			
				Total ALL libraries	13,596,991	4,535,186				714,837,848										424	
				Average of ALL libraries' values	44.003	14.677	7	19	46	2,313,391	64	167	4	3	1	2	0	0	0	1	
				Median of ALL libraries' values	5,397	2,012	6	16	36	251,974	50	140	3	1	0	1	0	0	0	0	

Table 2: Key Ratios for Ontario Public Libraries, 2017 (continued)

Library Number	Band	Library Name	City	Population (Resident)	Active Cardholders	Circs per capita	Circs per cardholder	Cardholders as a % of Population	Total	Total	General	Electronic	Program Attendance per capita	Program Attendance per cardholder	Programs Offered per capita	Programs Offered per cardholder	How many Downloading and Streaming Sources?		
									Operating Expenditures \$	Operating Expenditures per capita \$	Operating Expenditures per cardholder \$	Materials Expenditures per capita \$						Materials Expenditures per cardholder \$	
51	L0110	7 Centre Hastings	Madoc	4,774	1,215	3.7	14.4	25	138,440	29.00	113.94	1.46	0.12	0.20	0.80	0.00	0.01	0	
52	L0108	6 Champlain Twp	Vankleek Hill	7,554	1,358	3.0	16.6	18	186,696	24.71	137.48	5.77	0.61	0.36	2.00	0.02	0.10	0	
53	L0112	8 Chapleau Twp	Chapleau	1,964	486	5.0	20.0	25	113,181	57.63	232.88	3.82	1.57	0.04	0.17	0.00	0.01	0	
54	L0121	2 Chatham-Kent	Chatham	102,042	26,245	7.9	30.6	26	4,429,263	43.41	168.77	4.60	2.67	0.30	1.15	0.02	0.07	3	
55	L0396	FN Chippewas of Georgina Island FN	Sutton West	206	220	27.3	25.5	107	70,799	343.68	321.81	12.14	0.00	31.26	29.27	2.58	2.42	0	
56	L0397	FN Chippewas of Kettle & Stony Point FN	Kettle and Stony Point	1,367	374	0.2	0.7	27	58,892	43.08	157.47	3.55	0.00	0.36	1.30	0.02	0.07	0	
57	L0411	FN Chippewas of Nawash FN	Warton	755	132	2.5	14.3	17	22,244	29.46	168.52	1.85	0.27	0.20	1.14	0.01	0.03	0	
58	L0398	FN Chippewas of Rama FN	Rama	742	750	9.2	9.1	101	219,717	296.11	292.96	0.59	0.00	20.94	20.72	1.89	1.87	0	
59	L0400	FN Chippewas of the Thames FN	Muncney	1,001	50	0.1	2.1	5	20,701	20.68	44.02	0.47	0.00	0.51	10.20	0.01	0.30	0	
60	L0120	5 Clarence-Rockland	Rockland	24,782	7,814	3.2	10.1	32	814,300	32.86	104.21	2.33	0.81	0.23	0.74	0.05	0.16	0	
61	L0113	3 Clarington, Municipality of	Bowmanville	92,013	37,759	7.2	17.4	41	3,330,531	36.20	88.20	2.60	1.90	0.28	0.69	0.01	0.03	2	
62	L0115	6 Clearview Twp	Stayner	14,151	2,955	26.8	128.3	21	819,601	57.92	277.36	3.94	0.21	0.72	3.43	0.00	0.01	1	
63	L0102	8 Cobalt Twp	Cobalt	1,128	1,027	7.4	8.2	91	61,242	54.29	59.63	2.05	1.81	0.23	0.25	0.02	0.02	0	
64	L0116	5 Cobourg	Cobourg	19,440	10,186	11.3	21.6	52	1,285,769	66.14	126.23	2.82	1.83	0.77	1.47	0.04	0.07	0	
65	L0117	7 Cochrane Public Library Board	Cochrane	4,331	2,012	7.5	16.1	46	411,359	94.98	204.45	5.11	1.12	0.72	1.56	0.10	0.22	0	
66	L0066	5 Collingwood	Collingwood	23,209	9,877	10.9	25.7	43	1,678,334	72.31	169.92	3.20	1.13	0.48	3.20	0.13	0.07	1	
67	L0047	4 Cornwall	Cornwall	46,340	12,278	6.7	25.4	26	2,378,466	51.33	193.72	2.87	1.26	0.30	1.11	0.02	0.09	1	
68	L0119	6 Cramahe Twp	Colborne	6,355	2,220	8.5	24.4	35	253,798	39.94	114.32	5.30	1.54	0.67	1.93	0.08	0.24	0	
69	L0402	FN Curve Lake FN	Curve Lake,ON	799	269	1.9	5.6	34	54,278	67.93	201.78	2.21	0.08	0.12	0.37	0.01	0.03	0	
70	L0051	7 Deep River	Deep River	4,193	2,932	16.3	23.3	70	406,819	97.02	138.75	13.75	1.13	0.71	1.02	0.03	0.04	0	
71	L0431	FN Delaware FN	Thamesville	606	375	0.2	0.3	62	17,413	28.73	46.43	0.86	0.00	0.15	0.25	0.01	0.01	0	
72	L0323	8 Deseronto	Deseronto	1,645	1,299	8.7	11.1	79	124,954	75.96	96.19	2.79	0.92	0.88	1.11	0.06	0.08	0	
73	L0403	FN Dokis FN	Dokis First Nation	178	152	6.6	7.8	85	43,623	245.07	286.99	17.98	0.00	0.33	0.39	0.03	0.03	0	
74	L0050	8 Dorion Twp	Dorion	316	155	15.7	31.9	49	35,060	110.95	226.19	13.92	3.17	1.16	2.37	0.02	0.05	0	
75	L0136	7 Douro-Dummer Twp	Douro	3,952	448	2.7	23.5	11	104,169	26.36	232.52	2.73	0.25	0.29	2.59	0.02	0.16	0	
76	L0138	6 Dryden	Dryden	7,743	2,501	8.6	26.7	32	383,636	49.55	153.39	4.54	1.51	0.42	1.32	0.03	0.10	1	
77	L0427	8 Dubreuilville Twp	Dubreuilville	613	365	3.3	5.5	60	26,019	42.45	71.28	1.12	1.73	0.00	0.00	0.00	0.00	0	
78	L0144	8 Ear Falls Twp	Ear Falls	995	155	2.6	16.7	16	76,331	76.71	492.46	6.95	5.89	0.60	3.83	0.09	0.61	1	
79	L0145	7 East Ferris	Astoria	4,766	830	3.0	17.4	17	141,047	29.59	169.94	4.48	0.72	0.18	1.03	0.03	0.15	0	
80	L0147	5 East Gwillimbury	Holland Landing	23,991	6,998	5.4	18.5	29	1,546,112	64.45	220.94	3.29	1.84	0.53	1.83	0.04	0.13	10	
81	L0467	6 Edwardsburgh/Cardinal Twp	Spencerville	7,093	649	2.2	23.8	9	143,095	20.17	220.49	2.51	0.40	0.33	3.62	0.02	0.22	0	
82	L0151	3 Elgin County	St. Thomas	50,069	10,943	4.9	22.5	22	2,773,141	55.39	253.42	3.53	2.76	0.56	2.58	0.03	0.16	4	
83	L0469	6 Elizabethtown - Kitley	Addison	9,854	1,596	1.4	8.3	16	123,098	12.49	77.13	1.46	0.34	0.13	0.82	0.01	0.09	0	
84	L0152	6 Elliot Lake	Elliot Lake	10,741	3,294	6.9	22.7	31	456,381	42.49	138.55	3.99	0.86	0.13	0.43	0.01	0.04	0	
85	L0098	8 Emo Twp	Emo	1,333	2,126	8.8	5.5	159	80,594	60.46	37.91	6.23	1.95	0.11	0.07	0.00	0.00	0	
86	L0054	8 Englehart	Englehart	1,519	1,000	8.8	13.3	66	83,448	54.94	83.45	5.06	0.00	1.14	1.74	0.03	0.05	0	
87	L0052	6 Espanola	Espanola	5,048	4,397	6.6	7.6	87	323,895	64.16	73.66	4.29	0.88	0.39	0.45	0.03	0.04	1	
88	L0387	5 Essa	Angus	21,083	4,470	7.8	37.0	21	733,099	34.77	164.00	3.79	1.23	0.51	2.42	0.04	0.18	1	
89	L0153	2 Essex County	Essex	181,530	25,439	4.3	30.5	14	5,062,160	27.89	198.99	2.17	2.33	0.10	0.72	0.01	0.04	5	
90	L0055	8 Fauquier-Strickland Twp	Fauquier	536	493	10.0	10.8	92	64,009	119.42	129.84	21.41	0.00	0.09	0.10	0.02	0.02	0	
91	L0156	4 Fort Erie	Fort Erie	30,710	5,502	5.8	32.2	18	1,537,761	50.07	279.49	2.54	2.92	0.36	2.01	0.02	0.09	4	
92	L0157	6 Fort Frances	Fort Frances	7,739	4,534	10.3	17.7	59	600,424	77.58	132.43	4.05	3.17	1.81	3.09	0.08	0.14	6	
93	L0325	7 French River	Nosville	2,555	2,544	12.6	12.6	100	141,738	55.47	55.71	1.49	0.21	1.00	1.00	0.01	0.01	4	
94	L0448	7 Front of Yonge Twp	Mallorytown	2,752	583	2.7	12.8	21	60,830	22.10	104.34	3.36	1.57	0.27	1.28	0.03	0.14	0	
95	L0160	6 Gananoque	Gananoque	5,159	3,535	5.8	8.4	69	208,872	40.49	59.09	3.86	0.88	0.26	0.38	0.04	0.06	1	
96	L0404	FN Garden River FN	Garden River	1,319	150	0.7	6.4	11	22,510	17.07	150.07	0.00	5.13	0.16	1.43	0.04	0.35	0	
97	L0162	8 Georgian Bay Twp	Honey Harbour	2,063	3,829	9.2	4.9	186	200,201	97.04	52.29	12.78	1.31	0.56	0.30	0.04	0.02	0	
98	L0072	3 Georgina	Keswick	50,771	14,383	6.0	21.3	28	2,212,440	43.58	153.82	2.61	0.84	0.37	1.31	0.02	0.06	4	
99	L0465	8 Gogama LSB	Gogama	475	482	1.1	1.1	101	1,413	2.97	2.93	1.08	0.15	0.00	0.00	0.00	0.00	0	
100	L0302	8 Gore Bay Union	Gore Bay	1,688	583	7.2	20.8	35	47,987	28.43	82.31	2.18	0.15	0.03	0.09	0.00	0.00	0	
				Total ALL libraries==>	13,596,991	4,535,186	7	19	46	714,837,848	64	167	4	3	1	2	0	0	424
				Average of ALL libraries' values==>	44.003	14.677	6	19	46	2,313,391	64	167	4	3	1	2	0	0	1
				Median of ALL libraries' values==>	5.397	2.012	7	16	36	251,974	50	140	3	1	0	1	0	0	0

Table 2: Key Ratios for Ontario Public Libraries, 2017 (continued)

Library Number	Band	Library Name	City	Population (Resident)	Active Cardholders	Circs per capita	Circs per cardholder	Cardholders as a % of Population	Total Operating Expenditures \$	Total Operating Expenditures per capita \$	Total Operating Expenditures per cardholder \$	General Materials Expenditures per capita \$	Electronic Materials Expenditures per cardholder \$	Program Attendance per capita	Program Attendance per cardholder	Programs Offered per capita	Programs Offered per cardholder	How many Downloading and Streaming Sources?	
101	L0073	7 Grand Valley Library Board	Grand Valley	2,530	1,937	19.2	25.1	77	279,944	110.65	144.52	12.16	5.95	1.00	1.30	0.09	0.12	2	
102	L0168	6 Gravenhurst Public Library	Gravenhurst	12,055	5,193	8.6	20.0	43	706,475	58.60	136.04	3.09	1.62	0.70	1.63	0.05	0.11	3	
103	L0478	7 Greater Madawaska Twp	Calabogie	2,518	536	2.8	13.1	21	81,003	32.17	151.13	2.48	0.54	0.45	2.13	0.06	0.28	0	
104	L0470	2 Greater Sudbury	Greater Sudbury	161,531	96,164	4.8	8.1	60	7,442,191	46.07	77.39	3.57	2.59	0.24	0.40	0.01	0.02	2	
105	L0471	7 Greenstone	Geraldton	4,636	2,144	6.6	14.4	46	465,688	100.30	217.21	7.23	1.76	0.49	1.07	0.01	0.03	0	
106	L0472	6 Grey Highlands	Flesherton	7,927	3,322	6.6	15.8	42	440,344	55.55	132.55	3.02	0.63	0.54	1.30	0.03	0.06	0	
107	L0169	5 Grimsby	Grimsby	27,314	7,230	7.0	26.5	26	1,076,017	39.39	148.83	2.84	1.28	0.50	1.89	0.03	0.10	2	
108	L0389	2 Guelph	Guelph	131,794	55,588	14.8	35.0	42	9,514,162	72.19	171.15	8.10	2.28	0.38	0.89	0.01	0.03	8	
109	L0473	4 Haldimand County	Dunnville	45,608	15,306	6.6	19.6	34	1,765,048	38.70	115.32	2.45	1.69	0.24	0.70	0.02	0.06	3	
110	L0171	6 Haliburton County	Haliburton	14,604	8,838	10.8	17.9	61	1,022,854	70.04	115.73	7.42	0.93	0.33	0.55	0.05	0.08	0	
111	L0326	3 Halton Hills	Georgetown	58,672	20,582	9.1	26.0	35	3,836,155	65.38	186.38	2.53	2.88	0.38	1.07	0.03	0.07	3	
112	L0474	1 Hamilton	Hamilton	558,397	159,345	11.8	41.5	29	31,662,929	56.70	198.71	2.79	3.86	0.34	1.20	0.02	0.06	3	
113	L0174	6 Hanover	Hanover	7,688	2,019	9.3	35.6	26	619,736	80.61	306.95	5.56	1.65	0.81	3.07	0.06	0.22	1	
114	L0475	7 Hastings Highlands Twp	Maynooth	4,075	1,438	2.8	8.0	35	226,957	55.69	157.83	3.00	0.36	0.37	1.05	0.00	0.01	0	
115	L0058	7 Havelock-Belmont-Methuen Twp	Havelock	4,530	1,988	5.1	11.6	44	145,757	32.18	73.32	3.13	1.03	0.09	0.21	0.00	0.00	0	
116	L0059	6 Hawkesbury	Hawkesbury	10,263	6,950	5.2	7.7	68	536,393	52.26	77.18	2.25	1.04	0.32	0.47	0.01	0.02	1	
117	L0179	8 Head, Clara & Maria	Stonecliffe	195	135	8.4	12.1	69	9,984	50.58	73.07	14.12	3.10	2.54	3.67	0.04	0.05	0	
118	L0180	6 Hearst Twp	Hearst	5,090	2,057	6.7	16.6	40	276,387	54.30	134.36	3.44	0.45	0.22	0.54	0.01	0.02	0	
119	L0460	FN Henvey Inlet FN	Pickard	195	65	0.4	1.2	33	26,730	137.08	411.23	2.56	0.00	0.00	0.00	0.00	0.00	0	
120	L0183	8 Hilton Union	Hilton Beach	475	367	7.6	9.8	77	42,545	89.57	115.93	13.45	12.20	0.29	0.78	0.10	0.13	0	
121	L0184	8 Hornepayne Twp	Hornepayne	980	352	3.8	10.7	36	114,384	116.72	324.95	4.53	5.25	1.91	5.33	0.21	0.59	1	
122	L0185	5 Huntsville	Huntsville	19,056	9,940	8.8	16.9	52	973,697	51.10	97.96	5.08	3.83	0.62	1.18	0.03	0.05	1	
123	L0188	3 Huron County	Clinton	59,297	18,505	6.0	19.3	31	3,004,122	50.66	162.34	4.36	2.03	0.50	1.60	0.04	0.12	9	
124	L0189	8 Huron Shores	Iron Bridge	1,664	312	1.2	6.3	19	52,400	31.49	167.95	3.11	0.29	0.38	2.02	0.00	0.02	0	
125	L0327	8 Ignace	Ignace	1,202	436	7.0	19.4	36	70,731	58.84	162.23	3.61	3.22	0.11	0.31	0.01	0.02	0	
126	L0277	4 Innisfil	Innisfil	36,566	25,391	7.1	10.3	69	3,573,090	97.72	140.72	3.44	1.92	1.10	1.58	0.08	0.12	2	
127	L0278	7 Iroquois Falls	Iroquois Falls	4,537	2,027	6.9	15.4	45	187,346	41.29	92.43	1.38	0.00	0.23	0.51	0.02	0.05	0	
128	L0438	FN Iskatewizagegan No. 39 FN	Shoal Lake	362	40	0.6	5.4	11	26,252	72.52	656.30	2.33	3.73	0.39	3.50	0.04	0.38	0	
129	L0280	8 James Twp	Elk Lake	460	418	5.1	5.6	91	23,182	50.40	55.46	0.00	0.00	0.52	0.57	0.10	0.11	0	
130	L0122	6 Kapuskasing	Kapuskasing	7,019	2,216	3.8	12.1	32	243,614	34.71	109.93	4.54	0.22	0.08	0.24	0.00	0.01	0	
131	L0476	3 Kawartha Lakes, City of	Lindsay	75,423	18,323	6.3	25.7	24	1,795,670	23.81	98.00	4.26	1.37	0.21	0.87	0.02	0.09	3	
132	L0123	8 Kearney & Area	Kearney	882	367	6.0	14.4	42	52,281	59.28	142.46	4.21	2.85	0.47	1.14	0.05	0.11	0	
133	L0485	5 Kenora City	Kenora	15,096	4,039	5.4	20.3	27	651,021	43.13	161.18	3.69	0.89	0.25	0.93	0.01	0.04	1	
134	L0385	8 Killaloe, Hagarthy & Richards Twp	Killaloe	2,239	1,367	9.8	16.0	61	119,316	53.29	87.28	3.77	1.85	0.22	0.36	0.04	0.06	0	
135	L0125	5 King Twp	King City	24,512	9,295	6.1	16.2	38	1,741,113	71.03	187.32	4.25	3.34	0.48	1.26	0.03	0.08	3	
136	L0213	2 Kingston-Frontenac County	Kingston	150,012	56,043	8.1	21.8	37	7,571,469	50.47	135.10	6.50	1.52	0.26	0.69	0.01	0.03	2	
137	L0126	6 Kirkland Lake	Kirkland Lake	8,493	4,822	4.7	8.3	57	303,221	35.70	62.88	3.36	0.64	0.72	1.26	0.06	0.10	1	
138	L0127	1 Kitchener	Kitchener	252,520	91,802	9.5	26.2	36	11,530,958	45.66	125.61	2.67	2.30	0.33	0.91	0.01	0.04	8	
139	L0091	6 La Nation	St-Isidore	12,808	4,103	3.4	10.5	32	422,613	33.00	103.00	4.20	0.49	0.10	0.06	0.01	0.01	4	
140	L0238	7 Lake of Bays Twp	Dwight	3,167	5,268	20.3	12.2	166	365,863	115.52	69.45	5.77	0.00	2.81	1.69	0.25	0.15	0	
141	L0239	2 Lambton County	Wyoming	126,638	35,577	5.7	20.2	28	7,352,216	58.06	206.66	4.42	3.03	0.72	2.55	0.06	0.20	5	
142	L0330	6 Lanark Highlands	Lanark	5,338	757	4.3	30.1	14	80,359	15.05	106.15	1.66	0.42	0.10	0.69	0.02	0.13	0	
143	L0240	8 Larder Lake Public Library	Larder Lake	635	393	8.8	14.2	62	77,973	122.79	198.40	13.47	2.15	1.20	1.94	0.10	0.16	0	
144	L0384	7 Laurentian Hills	Deep River	2,961	346	4.4	37.6	12	102,090	34.48	295.06	7.10	1.19	0.29	2.52	0.05	0.40	0	
145	L0477	6 Leeds and the Thousand Islands Twp	Lansdowne	9,465	4,776	8.1	16.1	50	440,679	46.56	92.27	3.66	1.26	0.51	1.01	0.05	0.10	2	
146	L0243	4 Lennox and Addington County	Napanee	39,012	7,836	5.0	25.1	20	1,390,784	35.65	177.49	1.94	0.47	0.46	2.29	0.03	0.14	1	
147	L0433	5 Lincoln	Beamsville	23,787	5,428	8.8	38.5	23	1,077,432	45.29	198.50	3.88	1.10	0.46	2.03	0.03	0.14	2	
148	L0245	1 London	London	383,822	140,734	9.2	25.0	37	21,166,502	55.15	150.40	3.80	1.75	0.49	1.34	0.04	0.10	8	
149	L0497	8 Loring, Port Loring and District Local Services Board	Port Loring	800	440	5.0	9.0	55	5,808	7.26	13.20	5.48	1.03	0.31	0.57	0.02	0.03	0	
150	L0406	8 M'Chigeeng FN	M'Chigeeng First Nation	980	160	7.2	44.3	16	35,088	35.80	219.30	1.49	0.54	7.28	44.61	0.46	2.83	0	
Total ALL libraries==>				13,596,991	4,535,186				714,837,848										424
Average of ALL libraries' values==>				44,003	14,677	7	19	46	2,313,391	64	167	4	3	1	2	0	0	0	1
Median of ALL libraries' values==>				5,397	2,012	6	16	36	251,974	50	140	3	1	0	1	0	0	0	0

Table 2: Key Ratios for Ontario Public Libraries, 2017 (continued)

Library Number	Band	Library Name	City	Population (Resident)	Active Cardholders	Circs per capita	Circs per cardholder	Cardholders as a % of Population	Total Operating Expenditures \$	Total Operating Expenditures per capita \$	Total Operating Expenditures per cardholder \$	General Materials Expenditures per capita \$	Electronic Materials Expenditures per cardholder \$	Program Attendance per capita	Program Attendance per cardholder	Programs Offered per capita	Programs Offered per cardholder	How many Downloading and Streaming Sources?		
151	L0496	7	Madawaska Valley Twp	Barry's Bay	3,698	1,351	5.6	15.2	37	183,490	49.62	135.82	3.49	2.18	0.13	0.35	0.02	0.05	1	
152	L0407	8	Magnetawan FN	Britt	83	60	0.5	0.6	72	15,552	187.37	259.20	0.30	0.00	0.30	0.42	0.06	0.08	0	
153	L0194	9	Magnetawan Twp	Magnetawan	1,187	755	4.8	7.6	64	63,987	53.91	84.75	1.20	0.17	0.89	1.40	0.11	0.17	0	
154	L0195	8	Manitouawadge	Manitouawadge	1,706	851	4.6	9.2	50	124,567	73.02	146.38	6.30	0.74	0.55	1.10	0.08	0.17	0	
155	L0196	7	Marathon	Marathon	3,273	1,107	10.0	29.5	34	199,115	60.84	179.87	2.79	1.59	1.94	5.72	0.18	0.54	1	
156	L0099	1	Markham	Markham	356,720	147,012	13.6	33.1	41	15,266,750	43.08	104.53	6.65	1.94	0.36	0.88	0.02	0.05	3	
157	L0447	8	Markstay-Warren	Markstay	2,330	851	3.6	9.7	37	100,143	42.98	117.68	1.84	1.35	3.13	8.58	0.23	0.62	0	
158	L0463	7	Marmora and Lake Twp	Marmora	4,070	1,120	3.9	14.3	28	106,693	26.21	95.26	1.74	0.19	0.23	0.85	0.02	0.09	0	
159	L0428	8	Mattagami FN	Gogama	184	40	4.9	22.5	22	37,869	205.81	946.73	2.99	1.71	1.67	7.68	0.50	2.30	0	
160	L0134	9	Mattawa	Mattawa	2,033	1,432	21.3	30.3	70	91,993	45.25	64.24	0.40	1.85	19.97	28.35	0.44	0.62	0	
161	L0020	8	Mattice-Val Cote Twp	Mattice	624	391	6.4	10.2	63	68,318	109.48	174.73	12.42	9.30	0.39	0.62	0.06	0.09	0	
162	L0199	8	McGarry Twp	Virginiatown	586	708	13.3	11.0	121	48,720	83.14	68.81	0.23	7.83	0.11	0.09	0.01	0.01	0	
163	L0200	8	McKellar Twp	McKellar	1,051	474	3.1	6.9	45	50,188	47.75	105.88	6.63	1.32	0.22	0.49	0.02	0.05	0	
164	L0203	6	Meaford	Meaford	10,990	4,216	9.2	23.9	38	719,537	65.47	170.67	3.28	0.74	1.01	2.63	0.08	0.22	2	
165	L0204	7	Merrickville-Wolford	Merrickville	2,605	1,535	12.2	20.8	59	106,002	40.69	69.06	2.72	1.09	1.21	2.05	0.13	0.23	0	
166	L0464	9	Michipicoten FN	Wawa	67	80	15.3	12.8	119	55,317	825.63	691.46	31.18	8.76	3.39	2.84	1.36	1.14	0	
167	L0205	3	Middlesex County Library	Strathroy	76,764	21,223	4.9	17.8	28	4,055,614	52.83	191.10	5.88	2.47	0.65	2.36	0.05	0.19	3	
168	L0022	5	Midland	Midland	16,864	16,876	32.7	32.7	100	961,948	57.04	57.00	4.37	1.28	0.35	0.35	0.02	0.02	1	
169	L0434	2	Milton	Milton	117,700	62,763	10.7	20.0	53	4,926,872	41.86	78.50	2.57	1.98	0.40	0.75	0.02	0.03	10	
170	L0206	1	Mississauga	Mississauga	772,000	211,220	8.0	29.1	27	27,762,463	35.96	131.44	3.76	1.08	0.21	0.76	0.01	0.04	7	
171	L0459	9	Mississauga FN	Blind River	392	457	0.1	0.1	117	17,201	43.88	37.64	0.00	0.00	0.02	0.02	0.00	0.00	0	
172	L0440	9	Mississauga of Scugog Island FN	Port Perry	54	113	30.7	14.7	209	16,200	300.00	143.36	55.56	0.00	0.09	0.04	0.19	0.09	0	
173	L0210	6	Mississippi Mills	Almonte	13,163	8,223	7.9	12.7	62	601,872	45.72	73.19	3.80	0.85	0.43	0.69	0.03	0.05	1	
174	L0408	9	Mohawks of Akwesasne FN	Cornwall	9,871	4,164	0.8	2.0	42	411,733	41.71	98.88	2.41	0.00	0.03	0.08	0.00	0.00	0	
175	L0405	9	Mohawks of the Bay of Quinte FN	Tyendinaga Mohawk Territory	1,039	720	1.1	3.5	33	52,868	24.10	73.43	2.10	0.46	0.03	0.09	0.01	0.03	0	
176	L0211	8	Moonbeam Twp	Moonbeam	2,194	500	10.4	21.7	48	135,646	130.55	271.29	9.75	6.31	0.19	0.73	0.51	0.01	0.01	0
177	L0212	6	Muskoka Lakes Twp	Port Carling	5,333	2,177	5.8	14.3	41	436,992	81.94	200.73	3.43	1.23	0.65	1.58	0.06	0.14	0	
178	L0409	9	Naotkamegwanning FN	Naotkamegwanning	784	353	0.6	1.4	45	56,000	71.43	158.64	2.46	34.09	0.32	0.71	0.01	0.02	0	
179	L0410	9	New Credit FN	Hagersville	991	255	0.1	0.5	26	53,908	54.40	211.40	1.24	0.00	0.48	1.86	0.02	0.07	0	
180	L0207	4	New Tecumseth	Alliston	34,242	11,257	10.6	32.1	33	1,506,286	43.99	133.81	3.43	1.07	0.32	0.97	0.02	0.05	0	
181	L0019	3	Newmarket	Newmarket	87,329	23,742	5.8	21.3	27	3,384,446	38.76	142.55	2.21	1.62	0.17	0.64	0.02	0.07	4	
182	L0222	3	Niagara Falls	Niagara Falls	82,997	24,808	5.5	18.4	30	4,362,435	52.56	175.85	2.09	1.43	0.33	1.10	0.02	0.07	5	
183	L0223	5	Niagara-on-the-Lake	Niagara-on-the-Lake	17,511	4,145	4.7	20.0	24	1,118,181	63.86	269.77	5.03	0.87	0.15	0.63	0.01	0.06	3	
184	L0225	8	Nipigon Twp	Nipigon	1,645	835	6.6	13.0	51	116,522	70.83	139.55	4.41	1.72	0.28	0.55	0.03	0.06	0	
185	L0412	9	Nipissing FN	Garden Village	1,013	72	0.5	6.8	7	54,145	53.45	752.01	5.53	0.00	5.35	75.21	0.26	3.68	0	
186	L0480	3	Norfolk County	Simcoe	63,175	17,141	4.4	16.0	27	3,247,410	51.40	189.45	2.44	2.34	0.53	1.94	0.02	0.08	13	
187	L0227	3	North Bay	North Bay	51,553	46,912	5.6	6.1	91	2,523,134	48.94	53.78	0.62	0.96	0.14	0.15	0.00	0.01	0	
188	L0228	5	North Grenville Twp	Kemptville	16,451	5,610	6.1	17.7	34	526,644	32.01	93.88	1.58	0.72	0.57	1.68	0.03	0.08	0	
189	L0382	8	North Kawartha Twp	Apsley	2,190	6,301	11.8	4.1	288	264,530	120.79	41.98	5.11	2.24	0.45	0.16	0.06	0.02	0	
190	L0231	6	North Perth	Monkton	13,130	3,110	7.5	31.6	24	960,844	73.18	308.95	2.75	2.41	0.56	2.38	0.04	0.17	1	
191	L0232	7	Northeastern Manitoulin and the Islands	Little Current On	2,712	1,041	5.8	15.1	38	107,821	39.76	103.57	2.63	0.45	0.50	1.30	0.01	0.02	0	
192	L0247	2	Oakville	Oakville	201,200	55,413	8.3	30.2	28	9,467,102	47.05	170.85	2.57	1.98	0.56	2.03	0.02	0.08	6	
193	L0413	9	Ojibways of Onigaming FN	Nestor Falls	483	150	1.9	6.2	31	13,000	26.92	86.67	0.00	0.00	1.96	6.31	0.08	0.25	0	
194	L0165	6	Oliver Paipooonge	Murillo	5,922	1,411	3.8	15.9	24	90,689	15.31	64.27	2.00	0.28	1.20	5.05	0.05	0.21	0	
195	L0250	8	Opasatika	Opasatika	226	124	8.8	16.0	55	18,340	81.15	147.90	16.06	0.00	0.00	0.00	0.00	0.00	0	
196	L0074	5	Orangeville	Orangeville	28,734	7,552	6.2	23.4	26	2,030,981	70.68	268.93	5.09	1.21	0.31	1.16	0.01	0.05	1	
197	L0023	4	Orillia	Orillia	31,128	15,402	11.1	22.5	49	2,220,188	71.32	144.15	3.05	2.29	0.76	1.54	0.04	0.08	2	
198	L0253	2	Oshawa	Oshawa	166,000	65,819	8.5	21.4	40	9,578,124	57.70	145.52	2.73	2.86	0.21	0.53	0.01	0.03	10	
199	L0255	6	Otonabee-South Monaghan Twp	Keene	6,660	1,962	5.1	17.2	29	197,420	29.64	100.62	3.13	0.46	0.26	0.88	0.00	0.02	0	
200	L0481	1	Ottawa	Ottawa	979,173	278,862	11.4	40.2	28	48,869,428	49.91	175.25	4.18	1.55	0.28	0.98	0.01	0.05	14	
				Total ALL libraries==>	13,596,991	4,535,186				714,837,848									424	
				Average of ALL libraries' values==>	44,003	14,677	7	19	46	2,313,391	64	167	4	3	1	2	0	0	1	
				Median of ALL libraries' values==>	5,397	2,012	6	16	36	251,974	50	140	3	1	0	1	0	0	0	

Table 2: Key Ratios for Ontario Public Libraries, 2017 (continued)

Library Number	Band	Library Name	City	Population (Resident)	Active Cardholders	Circs per capita	Circs per cardholder	Cardholders as a % of Population	Total Operating Expenditures \$	Total Operating Expenditures per capita \$	Total Operating Expenditures per cardholder \$	General Materials Expenditures per capita \$	Electronic Materials Expenditures per cardholder \$	Program Attendance per capita	Program Attendance per cardholder	Programs Offered per capita	Programs Offered per cardholder	How many Downloading and Streaming Sources?	
201	L0256	4	Owen Sound & North Grey Union	Owen Sound	38,450	11,535	7.6	25.2	30	1,576,102	40.99	136.64	2.41	1.46	0.27	0.90	0.01	0.05	2
202	L0257	3	Oxford County	Woodstock	67,124	16,674	8.4	33.9	25	4,205,570	62.65	252.22	4.83	1.91	0.45	1.80	0.04	0.17	7
203	L0095	6	Ferry Sound	Ferry Sound	6,321	3,749	8.0	13.4	59	420,161	66.47	112.07	6.52	0.31	0.71	1.19	0.05	0.08	0
204	L0262	5	Pelham	Fonthill	15,641	6,478	11.3	27.3	41	940,768	60.15	145.23	3.53	1.54	0.51	1.24	0.04	0.09	1
205	L0071	3	Pembroke	Pembroke	10,867	2,327	13.0	60.6	21	621,749	57.21	267.19	2.93	1.54	0.92	4.29	0.11	0.50	0
206	L0263	6	Penetanguishene	Penetanguishene	8,962	2,957	10.6	32.0	33	453,207	50.57	153.27	3.78	0.55	0.17	0.50	0.01	0.03	1
207	L0202	8	Perry Twp	Emdale	2,454	375	2.1	13.8	15	88,766	36.17	236.71	3.21	1.18	0.40	0.18	0.02	0.14	0
208	L0265	6	Perth East	Milverton	9,765	1,212	5.7	46.2	12	271,599	27.81	224.09	2.37	0.75	0.33	2.67	0.03	0.27	1
209	L0264	5	Perth and District Union	Perth	19,368	6,114	6.3	19.9	32	693,283	35.80	113.39	2.92	0.57	0.27	0.84	0.03	0.11	2
210	L0267	5	Petawawa	Petawawa	16,290	6,962	6.7	15.8	43	629,886	38.67	90.47	2.16	1.11	0.74	1.74	0.02	0.05	0
211	L0268	3	Peterborough	Peterborough	82,094	13,735	5.9	35.3	17	3,811,640	46.43	277.51	2.85	2.85	0.09	0.56	0.00	0.02	11
212	L0261	8	Phelps	Redbridge	1,500	297	2.0	10.2	20	4,873	3.25	16.41	0.17	1.67	0.01	0.05	0.00	0.00	0
213	L0340	3	Pickering	Pickering	89,781	41,338	11.1	24.0	46	5,966,283	66.45	144.33	2.57	3.28	0.46	0.99	0.01	0.03	3
214	L0024	5	Port Colborne	Port Colborne	18,306	7,740	8.9	21.2	42	798,541	43.62	103.17	2.50	1.43	0.24	0.56	0.02	0.05	1
215	L0499	5	Port Hope	Port Hope	16,753	14,479	8.5	9.9	86	728,151	43.46	50.29	3.16	0.48	0.22	0.26	0.02	0.02	0
216	L0273	6	Powassan & District Union Public Library	Powassan	6,069	1,905	1.3	4.0	31	245,567	40.46	128.91	1.60	0.82	1.09	3.48	0.09	0.29	0
217	L0274	7	Prescott	Prescott	4,222	1,537	5.2	14.3	36	159,024	37.67	103.46	2.41	0.56	0.21	0.57	0.01	0.04	0
218	L0276	5	Prince Edward County	Picton	24,735	8,012	7.4	22.7	32	1,316,962	53.24	164.37	3.25	1.38	0.60	1.87	0.04	0.13	3
219	L0275	8	Prince Twp Public Library	Prince Township	1,010	203	1.2	5.8	20	16,264	16.10	80.12	3.82	0.80	0.36	1.79	0.07	0.35	0
220	L0285	4	Quinte West	Trenton	43,577	18,653	5.9	13.7	43	1,479,933	33.96	79.34	1.77	1.44	0.16	0.38	0.01	0.02	1
221	L0131	8	Rainy River	Rainy River	807	745	24.3	26.3	92	107,411	133.10	144.18	13.43	4.88	0.34	0.37	0.02	0.02	2
222	L0446	9	Rainy River FN	Emo	472	80	2.9	17.3	17	13,653	28.93	170.66	0.00	0.00	0.16	0.93	0.05	0.30	0
223	L0287	6	Ramara Twp	Ramara	6,252	1,573	7.0	27.8	25	462,884	74.04	294.27	1.62	1.04	0.45	1.78	0.01	0.03	1
224	L0290	7	Red Lake	Balmertown	4,170	1,328	3.3	10.4	32	252,970	60.66	190.49	5.57	2.51	0.25	0.79	0.03	0.09	0
225	L0291	8	Red Rock Twp	Red Rock	895	490	7.8	14.2	55	86,634	96.80	176.80	7.90	3.88	1.10	2.01	0.12	0.21	1
226	L0292	6	Renfrew	Renfrew	8,155	4,242	8.6	16.5	52	523,490	64.19	123.41	3.34	1.45	0.78	1.50	0.09	0.18	0
227	L0294	2	Richmond Hill	Richmond Hill	211,846	62,224	10.0	33.9	29	11,151,784	52.64	179.22	3.20	2.08	0.31	1.05	0.02	0.06	3
228	L0498	6	Rideau Lakes Public Library	Elgin	9,050	5,643	8.8	14.0	62	500,984	55.36	88.78	2.64	2.66	0.75	1.20	0.04	0.07	2
229	L0300	5	Russell	Russell	16,520	6,728	6.0	14.7	41	736,532	44.58	109.47	2.91	0.76	0.38	0.92	0.03	0.06	2
230	L0303	7	Sables-Spanish Rivers Twp	Massey	3,214	1,212	6.3	16.6	38	184,709	57.47	152.40	4.23	0.31	0.15	0.41	0.05	0.12	0
231	L1084	9	Sachigo Lake FN	Sachigo Lake	564	75	4.9	36.7	13	28,918	51.27	385.57	0.00	0.00	0.34	2.55	0.06	0.45	0
232	L0432	9	Sagamok Anishnawbek FN	Massey	1,617	130	0.3	4.1	8	37,753	23.35	290.41	0.00	0.07	0.05	0.59	0.00	0.05	0
233	L0415	3	Saugen FN	Southampton	856	160	2.3	12.4	19	74,400	86.92	465.00	4.67	4.67	12.45	2.43	0.02	0.09	0
234	L0191	3	Sault Ste. Marie	Sault Ste. Marie	73,368	18,241	6.0	24.1	25	3,235,562	44.10	177.38	1.08	0.98	0.29	1.18	0.02	0.07	2
235	L0301	8	Schreiber Twp	Schreiber	1,047	859	8.3	10.2	82	140,235	133.94	163.25	6.31	3.28	3.93	4.79	0.29	0.35	0
236	L0304	5	Scugog Memorial	Port Perry	18,218	7,586	7.1	17.0	42	726,328	39.87	95.75	1.40	0.83	0.51	1.22	0.03	0.08	2
237	L0321	7	Sequin Twp	Sequin	4,304	1,963	3.9	8.6	46	185,523	43.10	94.51	3.85	0.56	0.04	0.85	0.00	0.01	0
238	L0416	9	Seine River FN	Seine River FN	365	41	2.6	23.0	11	32,117	87.99	783.34	9.99	0.00	0.10	0.85	0.01	0.05	0
239	L0309	5	Selwyn	Bridgenorth	17,060	6,058	7.7	21.8	36	673,965	39.51	111.25	4.04	0.64	0.44	1.25	0.04	0.10	0
240	L0417	9	Serpent River FN	Cutler	389	195	0.6	1.1	50	34,489	88.66	176.87	0.00	0.00	0.15	0.31	0.01	0.01	0
241	L0258	6	Severn Township Library	Coldwater	11,719	976	3.3	40.2	8	192,010	16.38	196.73	2.58	0.45	0.00	0.03	0.00	0.00	2
242	L0418	9	Shawansaga FN	Nobel	185	205	9.9	9.0	111	16,700	90.27	81.46	1.61	2.85	0.49	0.44	0.03	0.03	0
243	L0075	6	Shelburne	Shelburne	8,126	7,321	6.9	7.6	90	487,953	60.05	66.65	5.11	1.47	0.78	0.87	0.08	0.09	2
244	L0419	9	Sheshegwaning FN	Sheshegwaning	120	50	1.7	4.0	42	19,820	165.17	396.40	0.00	0.00	0.22	0.52	0.08	0.20	0
245	L0307	8	Simcoe County Co-operative	Midhurst	759	759	30.5	30.5	100	790,462	1041.45	1041.45	44.91	426.52	0.03	0.03	0.00	0.00	1
246	L0031	6	Sioux Lookout	Sioux Lookout	5,336	1,953	6.8	18.6	37	405,243	75.95	207.50	5.22	2.63	0.62	1.68	0.08	0.21	1
247	L0308	8	Sioux Narrows Nestor Falls Twp	Sioux Narrows	509	482	11.2	11.8	95	25,205	49.52	52.29	18.31	0.00	0.06	0.07	0.00	0.00	0
248	L0420	9	Six Nations FN	Ohseweken	12,848	3,869	0.2	0.6	30	332,870	25.91	86.04	0.05	0.36	0.09	0.29	0.00	0.02	0
249	L0209	6	Smiths Falls	Smiths Falls	8,780	4,128	6.6	14.1	47	476,689	54.29	115.48	3.14	1.00	0.32	0.67	0.03	0.07	1
250	L0310	8	Smooth Rock Falls	Smooth Rock Falls	1,330	917	3.3	4.9	69	67,805	50.98	73.94	11.28	0.67	0.08	0.12	0.01	0.01	0
Total ALL libraries==>					13,596,991	4,535,186				714,837,848									424
Average of ALL libraries' values==>					44,003	14,677	7	19	46	2,313,391	64	167	4	3	1	2	0	0	1
Median of ALL libraries' values==>					5,397	2,012	6	16	36	251,974	50	140	3	1	0	1	0	0	0

Table 2: Key Ratios for Ontario Public Libraries, 2017 (continued)

Library Number	Band	Library Name	City	Population (Resident)	Active Cardholders	Circs per capita	Circs per cardholder	Cardholders as a % of Population	Total Operating Expenditures \$	Total Operating Expenditures per capita \$	Total Operating Expenditures per cardholder \$	General Materials Expenditures per capita \$	Electronic Materials Expenditures per cardholder \$	Program Attendance per capita	Program Attendance per cardholder	Programs Offered per capita	Programs Offered per cardholder	How many Downloading and Streaming Sources?	
251	L0311	8 South Algonquin Twp	Whitney	1,096	630	6.2	10.7	57	52,696	48.08	83.64	5.58	0.91	0.69	1.20	0.04	0.07	0	
252	L0312	8 South River-Machar Union	South River	1,912	1,728	4.9	5.4	90	76,777	40.16	44.43	5.32	1.12	0.60	0.67	0.05	0.05	0	
253	L0332	6 Southgate Twp.	Dundalk	7,354	2,292	2.2	7.2	31	208,811	28.39	91.10	2.53	0.41	1.14	0.03	0.10	1		
254	L0381	8 Spanish Twp	Spanish	712	169	2.1	9.0	24	47,736	67.04	282.46	3.17	3.48	0.13	0.56	0.01	0.02	0	
255	L0299	5 Springwater Twp	Midhurst	19,060	5,806	5.0	16.3	30	654,585	34.34	112.74	2.29	0.51	0.40	1.33	0.03	0.08	1	
256	L0025	2 St. Catharines	St. Catharines	133,113	64,860	7.3	15.0	49	5,906,445	44.37	91.06	5.01	2.36	0.15	0.31	0.01	0.02	4	
257	L0313	8 St. Charles	St. Charles	1,269	280	5.2	23.4	22	55,433	43.68	197.98	5.21	0.42	1.34	6.05	0.06	0.27	0	
258	L0314	8 St. Joseph Twp	Richards Landing	1,240	1,609	9.9	7.6	130	36,002	29.03	22.38	5.09	0.67	0.02	0.01	0.00	0.00	0	
259	L0271	6 St. Marys Public Library	St. Marys	6,185	2,797	15.1	33.3	45	500,033	80.85	178.77	10.12	2.03	1.19	2.64	0.08	0.18	0	
260	L0315	4 St. Thomas	St. Thomas	41,813	10,038	9.3	38.8	24	2,629,515	62.89	261.96	3.41	1.52	0.13	0.55	0.01	0.05	1	
261	L0318	7 Stirling-Rawdon	Stirling	4,882	921	8.5	44.8	19	165,312	33.86	179.49	2.09	0.33	0.28	1.51	0.02	0.09	0	
262	L0319	3 Stormont, Dundas & Glengarry County	Cornwall	65,353	9,872	3.8	25.0	15	2,300,022	35.19	232.98	2.89	1.28	0.26	1.72	0.02	0.13	1	
263	L0269	4 Stratford	Stratford	31,465	8,615	11.7	42.6	27	2,587,836	82.24	300.39	3.39	2.79	0.51	1.85	0.02	0.09	2	
264	L0284	8 Sundridge-Strong Union	Sundridge	2,279	708	5.8	18.7	31	90,745	39.82	128.17	4.07	0.55	0.19	0.62	0.03	0.08	0	
265	L0342	6 Tay Twp	Port McNicoll	10,033	2,149	5.3	24.6	21	415,374	41.40	193.29	1.83	0.79	0.16	0.76	0.03	0.12	1	
266	L0343	8 Tehkummah Twp	Tehkummah	436	454	6.0	5.7	104	10,243	23.49	22.56	2.56	0.00	0.21	0.20	0.01	0.01	0	
267	L0021	8 Temagami	Temagami	802	275	4.4	12.9	34	70,722	88.18	257.17	10.91	0.85	0.08	0.23	0.02	0.07	0	
268	L0439	9 Temagami FN	Beav Island	273	125	7.3	16.0	46	20,695	75.81	165.56	7.92	0.00	5.47	11.94	0.25	0.54	0	
269	L1037	6 Temiskaming Shores	Haileybury	10,400	2,939	4.6	16.4	28	501,732	48.24	170.72	3.77	1.14	0.22	0.79	0.03	0.11	1	
270	L0344	8 Terrace Bay Twp	Terrace Bay	1,611	901	7.9	14.1	56	204,312	126.82	226.76	12.02	0.86	0.63	1.13	0.06	0.11	0	
271	L0065	6 The Blue Mountains	Thornbury	7,025	4,479	13.7	21.5	64	844,249	120.18	188.49	9.07	1.63	4.03	6.33	0.11	0.17	3	
272	L0346	8 Thessalon	Thessalon	1,286	1,710	5.1	3.8	133	53,326	41.47	31.18	7.90	2.74	0.36	0.27	0.02	0.02	0	
273	L0422	9 Thessalon FN	Thessalon	110	160	0.7	0.5	145	27,419	249.26	171.37	0.00	0.00	0.35	0.24	0.05	0.03	0	
274	L0348	5 Thorold	Thorold	18,801	5,907	4.1	13.1	31	672,821	35.79	113.90	2.97	0.66	0.36	1.14	0.03	0.08	0	
275	L0349	2 Thunder Bay	Thunder Bay	107,909	26,140	6.5	26.7	24	6,452,837	59.80	246.86	1.80	2.67	0.38	1.55	0.02	0.09	4	
276	L0351	4 Timmins	Timmins	41,788	10,199	2.1	8.8	24	1,685,227	40.33	165.23	1.72	0.62	0.33	1.36	0.02	0.08	1	
277	L0353	1 Toronto	Toronto	2,876,095	937,518	10.5	32.1	33	197,574,975	68.70	210.74	4.78	2.07	0.33	1.02	0.01	0.05	9	
278	L0500	6 Trent Hills	Campbellford	12,900	6,091	5.8	12.2	47	554,616	42.99	91.05	3.02	0.27	0.96	0.10	0.21	0		
279	L0159	6 Trent Lakes	Buckhorn	5,397	2,937	6.1	11.1	54	208,746	38.68	71.07	2.80	0.60	0.52	0.95	0.08	0.14	0	
280	L0450	8 Tudor & Casbel Twp	Gilmour	586	205	2.3	6.5	35	8,547	14.59	41.69	0.00	5.06	0.00	0.00	0.00	0.00	0	
281	L0355	6 Tweed	Tweed	6,044	2,100	4.4	12.6	35	184,214	30.48	87.72	1.57	0.00	0.41	1.18	0.05	0.15	0	
282	L0339	7 Tyendinaga Twp	Shannonville	4,297	697	2.6	16.2	16	135,370	31.50	194.22	2.44	0.70	0.39	2.43	0.06	0.35	0	
283	L0356	5 Uxbridge Twp	Uxbridge	21,176	12,562	9.0	15.1	59	842,566	39.79	67.07	2.41	0.63	0.37	0.62	0.02	0.03	0	
284	L0357	8 Val Rita-Harty Twp	Val Rita	762	170	6.2	27.7	22	53,313	69.96	313.61	11.04	3.82	0.05	0.21	0.00	0.01	0	
285	L0359	1 Vaughan	Vaughan	258,703	129,741	12.3	24.6	50	17,366,075	67.13	133.85	0.56	1.37	0.44	0.89	0.02	0.04	6	
286	L0453	9 Wahta Mohawk FN	Bala	157	30	4.0	20.8	19	18,968	120.82	632.27	3.66	3.98	2.58	13.50	0.28	1.47	0	
287	L0362	6 Wainfleet Twp	Wainfleet	6,372	3,040	7.0	14.7	48	453,648	71.19	149.23	4.24	2.88	0.82	1.71	0.05	0.10	1	
288	L0364	5 Wasaga Beach	Wasaga Beach	20,675	10,462	4.7	9.2	51	608,052	29.41	58.12	2.26	0.10	0.28	0.56	0.02	0.04	1	
289	L0423	9 Wasauksing FN	Parry Sound	422	326	20.6	26.7	77	15,939	37.77	48.89	3.82	0.00	1.59	2.06	2.14	2.77	0	
290	L0365	2 Waterloo City	Waterloo	140,108	61,158	10.9	24.9	44	6,160,376	43.97	100.73	5.33	0.70	0.30	0.70	0.01	0.02	6	
291	L0270	3 Waterloo Region	Baden	67,910	15,733	5.8	24.8	23	2,864,566	42.18	182.07	2.05	1.02	0.42	1.83	0.03	0.14	8	
292	L0178	7 Wawa	Wawa	2,905	1,372	7.6	16.2	47	207,875	71.56	151.51	2.14	1.24	0.59	1.24	0.06	0.13	0	
293	L0366	3 Welland	Welland	52,293	12,658	4.5	18.4	24	2,254,945	43.12	178.14	4.14	0.97	0.30	1.25	0.02	0.10	5	
294	L0367	3 Wellington County	Fergus	98,400	28,496	8.9	30.7	29	6,698,532	68.07	235.07	4.71	1.94	0.50	1.71	0.03	0.12	1	
295	L0336	6 West Grey Twp	Durham	12,286	1,881	4.1	26.8	15	345,445	28.12	183.65	2.43	0.29	0.26	1.68	0.04	0.23	0	
296	L0370	6 West Lincoln Twp	Smithville	14,500	1,806	4.1	33.0	12	463,971	32.00	256.91	1.94	0.87	0.24	1.94	0.03	0.25	0	
297	L0371	6 West Nipissing	Sturgeon Falls	14,364	3,550	4.1	16.6	25	515,203	35.87	145.13	2.40	0.96	0.05	0.20	0.00	0.00	0	
298	L0372	6 West Perth	Mitchell	8,865	1,691	5.9	31.1	19	251,974	28.42	149.01	3.30	0.00	0.41	2.12	0.06	0.31	0	
299	L0374	8 Westport	Westport	590	308	11.7	22.5	52	40,572	68.77	131.73	3.14	1.97	0.37	0.70	0.05	0.09	0	
300	L0027	2 Whitby	Whitby	134,800	48,200	10.5	29.5	36	5,739,576	42.58	119.08	3.17	2.89	29.28	0.77	0.01	0.04	2	
				Total ALL libraries==>	13,596,991	4,535,186				714,837,848									424
				Average of ALL libraries' values==>	44,003	14,677	7	19	46	2,313,391	64	167	4	3	1	2	0	0	1
				Median of ALL libraries' values==>	5,397	2,012	6	16	36	251,974	50	140	3	1	0	1	0	0	0

Table 2: Key Ratios for Ontario Public Libraries, 2017 (continued)

Library Number	Band	Library Name	City	Population (Resident)	Active Cardholders	Circs per capita	Circs per cardholder	Cardholders as a % of Population	Total Operating Expenditures \$	Total		General		Electronic		Program Attendance per capita	Program Attendance per cardholder	Programs Offered per capita	Programs Offered per cardholder	How many Downloading and Streaming Sources?
										Operating Expenditures per capita \$	Operating Expenditures per cardholder \$	Materials Expenditures per capita \$	Materials Expenditures per cardholder \$							
301	L0148	4	Whitchurch-Stouffville	Stouffville	45,837	29,967	3.3	5.1	65	1,846,002	40.27	61.60	0.00	1.83	0.51	0.78	0.02	0.03	3	
302	L0375	8	White River Twp	White River	645	535	8.2	9.9	83	63,343	98.21	118.40	13.46	8.41	1.80	2.18	0.16	0.20	0	
303	L0425	9	Whitefish River FN	Birch Island	434	50	0.5	4.0	12	28,999	66.82	579.98	2.40	0.00	0.00	0.00	0.00	0.00	0	
304	L0377	8	Whitestone-Hagerman Memorial	Dunchurch	1,030	1,340	28.0	21.5	130	116,786	113.38	87.15	4.52	3.88	0.91	0.70	0.09	0.07	2	
305	L0482	6	Whitewater Region	Beachburg	5,920	1,377	3.1	13.4	23	83,897	14.17	60.93	2.84	0.00	0.03	0.12	0.00	0.02	0	
306	L0426	9	Wikwemikong FN	Wikwemikong	3,269	773	0.2	1.0	24	91,802	28.08	118.76	2.32	0.00	0.43	1.82	0.05	0.19	0	
307	L0378	2	Windsor	Windsor	217,188	41,594	5.1	26.6	19	9,039,344	41.62	217.32	2.86	2.18	0.21	1.12	0.02	0.13	6	
308	L0380	8	Wollaston	Coe Hill	670	475	10.7	15.0	71	38,358	57.25	80.75	1.98	1.29	0.30	0.43	0.01	0.02	0	
309	L0379	4	Woodstock	Woodstock	40,902	12,964	11.6	36.7	32	2,419,230	59.15	186.61	4.25	2.31	0.56	1.77	0.03	0.09	6	
				Total ALL libraries==>		13,596,991	4,535,186			714,837,848										424
				Average of ALL libraries' values==>		44,003	14,677	7	19	46	2,313,391	64	167	4	3	1	2	0	0	1
				Median of ALL libraries' values==>		5,397	2,012	6	16	36	251,974	50	140	3	1	0	1	0	0	0

Rank Order Tables

There are six tables (3-7, 9) that rank libraries by different variables. Each is grouped by the nine Bands we have used throughout these reports.

Librarians have ranked libraries in almost all publications of library data. An 1835 work by Adriano Balbi ranked the great urban libraries in Europe by volumes reportedly held by the libraries in, arguably, one of the first serious works in library data. The Gerould Statistics began in the 1907/08 academic year by James Thayer Gerould. Its first year consisted of individually typed sheets that listed five variables from 14 US academic libraries in alphabetical order. A systematic canvas of library archives disclosed that very shortly after publication, copies of these data were retyped in order by the volumes held. Other archival copies have handwritten notes on the original Gerould typescripts of the libraries in order by volumes held. Ranking is one use of library data and may be the oldest. In fact, the various methods used to rate libraries largely are based on comparing ranks of libraries by sets of variables. The Gerould Statistics and was the first year of a continuous collection effort continued and expanded to this day by the Association of Research Libraries.

Here are the six variables using rank orders used in this report:

Table 3: Circulations per capita

Table 4: Active Cardholders per capita

Table 5: Total Operating Expenditures per capita

Table 6: Electronic Materials Expenditures per capita

Table 7: Program Attendance per 100 population

Table 9: Titles held

We know from Table 1 that traditional circulations per capita are going down. Table 3 has the aggregate ranks by bands of circulations per capita. We also know that cardholders are declining so fewer people have cards to check materials out. We rank libraries in Table 4 by the percent of the population which are active library cardholders. Residents without cards do not check materials out.

The next two tables rank libraries by expenditure ratios. Table 5 uses total operating expenditures per capita to rank the libraries and Table 6 uses electronic materials expenditures per capita. We know from Table 1 that reported data show that the libraries' aggregate expenditures for electronic materials have increased while the

portion of that increase spent on electronic materials has gone up a good bit. Here we isolate that variable and use it to rank libraries. The reader will note that some of the Bands of smaller libraries show \$0 spent in this category. This is one of those variables that seems future-oriented. That is, it seems likely that libraries in the future will have more resources available in electronic formats.

Table 3: Rank Order Table: Circulations per capita, by bands, Ontario Public Libraries, 2017

Band 1 (Resident population greater than 250,000)

Rank	Band	Annual Circulations per capita	Library Number	Library Name	Total Annual	
					Direct Circulations	Population (Resident)
1	1	13.6	L0099	Markham	4,860,095	356,720
2	1	12.3	L0359	Vaughan	3,193,819	258,703
3	1	11.8	L0474	Hamilton	6,615,828	558,397
4	1	11.4	L0481	Ottawa	11,202,449	979,173
5	1	10.5	L0353	Toronto	30,098,890	2,876,095
6	1	9.5	L0127	Kitchener	2,404,599	252,520
7	1	9.2	L0245	London	3,520,499	383,822
8	1	8.0	L0206	Mississauga	6,140,322	772,000
9	1	6.7	L0041	Brampton	4,092,372	607,740

Band 2 (Resident population greater than 100,000 and fewer than 250,001)

1	2	14.8	L0389	Guelph	1,947,160	131,794
2	2	10.9	L0365	Waterloo City	1,523,387	140,108
3	2	10.7	L0434	Milton	1,255,010	117,700
4	2	10.5	L0027	Whitby	1,422,007	134,800
5	2	10.2	L0037	Burlington	1,793,662	175,438
6	2	10.0	L0294	Richmond Hill	2,108,171	211,846
7	2	9.6	L0043	Barrie	1,409,503	147,000
8	2	8.5	L0253	Oshawa	1,411,280	166,000
9	2	8.3	L0247	Oakville	1,675,415	201,200
10	2	8.1	L0213	Kingston-Frontenac County	1,221,481	150,012
11	2	7.9	L0121	Chatham-Kent	802,030	102,042
12	2	7.5	L0104	Cambridge	1,010,344	133,900
13	2	7.3	L0025	St. Catharines	970,023	133,113
14	2	6.5	L0349	Thunder Bay	698,662	107,909
15	2	6.4	L0032	Ajax	816,646	127,400
16	2	5.7	L0239	Lambton County	716,910	126,638
17	2	5.1	L0378	Windsor	1,107,228	217,188
18	2	4.8	L0470	Greater Sudbury	777,993	161,531
19	2	4.3	L0153	Essex County	776,517	181,530

Band 3 (Resident population greater than 50,000 and fewer than 100,001)

1	3	13.1	L0033	Aurora	724,890	55,445
2	3	11.1	L0340	Pickering	992,603	89,781
3	3	9.1	L0326	Halton Hills	535,170	58,672
4	3	8.9	L0367	Wellington County	874,413	98,400
5	3	8.4	L0257	Oxford County	565,081	67,124
6	3	7.2	L0113	Clarington, Municipality of	658,758	92,013
7	3	7.0	L0089	Bruce County	430,064	61,119
8	3	6.8	L0081	Belleville	346,613	50,716
9	3	6.3	L0476	Kawartha Lakes, City of	471,682	75,423
10	3	6.0	L0072	Georgina	306,094	50,771
11	3	6.0	L0188	Huron County	356,347	59,297
12	3	6.0	L0191	Sault Ste. Marie	439,039	73,368
13	3	5.9	L0268	Peterborough	485,325	82,094
14	3	5.8	L0019	Newmarket	506,326	87,329
15	3	5.8	L0270	Waterloo Region	390,695	67,910
16	3	5.7	L0039	Brantford	563,509	99,531
17	3	5.6	L0227	North Bay	287,493	51,553
18	3	5.5	L0222	Niagara Falls	455,849	82,997
19	3	5.3	L0049	Caledon	380,414	71,600
20	3	4.9	L0205	Middlesex County Library	378,672	76,764
21	3	4.9	L0151	Elgin County	245,862	50,069
22	3	4.5	L0366	Welland	232,712	52,293
23	3	4.4	L0480	Norfolk County	274,820	63,175
24	3	3.8	L0319	Stormont, Dundas & Glengarry County	246,994	65,353

Table 3: Rank Order Table: Circulations per capita, by bands, Ontario Public Libraries, 2017 (continued)

Band 4 (Resident population greater than 30,000 and fewer than 50,001)

Rank	Band	Annual			Total Annual	
		Circulations per capita	Library Number	Library Name	Direct Circulations	Population (Resident)
1	4	14.9	L0040	Brant County	461,184	31,030
2	4	11.7	L0269	Stratford	366,627	31,465
3	4	11.6	L0379	Woodstock	476,147	40,902
4	4	11.1	L0023	Orillia	346,593	31,128
5	4	10.6	L0207	New Tecumseth	361,414	34,242
6	4	9.3	L0315	St. Thomas	389,508	41,813
7	4	8.0	L0086	Bradford West Gwillimbury Town	285,142	35,688
8	4	7.6	L0256	Owen Sound & North Grey Union	290,984	38,450
9	4	7.1	L0277	Innisfil	260,941	36,566
10	4	6.7	L0047	Cornwall	311,606	46,340
11	4	6.6	L0473	Haldimand County	300,179	45,608
12	4	5.9	L0285	Quinte West	256,151	43,577
13	4	5.8	L0156	Fort Erie	177,416	30,710
14	4	5.0	L0243	Lennox and Addington County	196,313	39,012
15	4	3.3	L0148	Whitchurch-Stouffville	151,772	45,837
16	4	2.1	L0351	Timmins	89,584	41,788

Band 5 (Resident population greater than 15,000 and fewer than 30,001)

1	5	65.0	L0088	Brockville	1,387,701	21,346
2	5	32.7	L0022	Midland	551,879	16,864
3	5	11.3	L0262	Pelham	177,074	15,641
4	5	11.3	L0116	Cobourg	219,578	19,440
5	5	10.9	L0066	Collingwood	253,569	23,209
6	5	9.0	L0356	Uxbridge Twp	189,793	21,176
7	5	8.9	L0024	Port Colborne	163,806	18,306
8	5	8.8	L0185	Huntsville	168,021	19,056
9	5	8.8	L0433	Lincoln	209,236	23,787
10	5	8.5	L0499	Port Hope	142,707	16,753
11	5	7.8	L0387	Essa	165,272	21,083
12	5	7.7	L0309	Selwyn	132,165	17,060
13	5	7.4	L0276	Prince Edward County	182,254	24,735
14	5	7.1	L0304	Scugog Memorial	128,697	18,218
15	5	7.0	L0169	Grimsby	191,673	27,314
16	5	6.7	L0267	Petawawa	109,936	16,290
17	5	6.3	L0264	Perth and District Union	121,753	19,368
18	5	6.2	L0074	Orangeville	176,975	28,734
19	5	6.1	L0125	King Twp	150,164	24,512
20	5	6.1	L0228	North Grenville Twp	99,560	16,451
21	5	6.0	L0300	Russell	98,596	16,520
22	5	5.4	L0485	Kenora City	81,862	15,096
23	5	5.4	L0147	East Gwillimbury	129,242	23,991
24	5	5.0	L0259	Springwater Twp	94,751	19,060
25	5	4.7	L0223	Niagara-on-the-Lake	82,699	17,511
26	5	4.7	L0364	Wasaga Beach	96,189	20,675
27	5	4.1	L0348	Thorold	77,431	18,801
28	5	3.2	L0120	Clarence-Rockland	79,150	24,782

Table 3: Rank Order Table: Circulations per capita, by bands, Ontario Public Libraries, 2017 (continued)

Band 6 (Resident population greater than 5,000 and fewer than 15,001)

Rank	Band	Annual			Total Annual	
		Circulations per capita	Library Number	Library Name	Direct Circulations	Population (Resident)
1	6	26.8	L0115	Clearview Twp	379,050	14,151
2	6	15.1	L0271	St. Marys Public Library	93,240	6,185
3	6	15.0	L0014	Arnprior	131,585	8,795
4	6	13.7	L0065	The Blue Mountains	96,327	7,025
5	6	13.0	L0071	Pembroke	141,000	10,867
6	6	12.2	L0048	Carleton Place	131,442	10,764
7	6	10.8	L0171	Haliburton County	158,252	14,604
8	6	10.6	L0263	Penetanguishene	94,695	8,962
9	6	10.3	L0157	Fort Frances	80,060	7,739
10	6	9.8	L0466	Brighton Public Library Board	116,565	11,844
11	6	9.3	L0174	Hanover	71,778	7,688
12	6	9.2	L0203	Meaford	100,923	10,990
13	6	8.8	L0498	Rideau Lakes Public Library	79,239	9,050
14	6	8.8	L0070	Bracebridge	130,808	14,941
15	6	8.6	L0168	Gravenhurst Public Library	103,926	12,055
16	6	8.6	L0138	Dryden	66,665	7,743
17	6	8.6	L0292	Renfrew	70,050	8,155
18	6	8.5	L0119	Cramahe Twp	54,126	6,355
19	6	8.1	L0477	Leeds and the Thousand Islands Twp	77,057	9,465
20	6	8.0	L0095	Parry Sound	50,350	6,321
21	6	7.9	L0210	Mississippi Mills	104,026	13,163
22	6	7.5	L0231	North Perth	98,161	13,130
23	6	7.0	L0362	Wainfleet Twp	44,834	6,372
24	6	7.0	L0287	Ramara Twp	43,695	6,252
25	6	6.9	L0152	Elliot Lake	74,642	10,741
26	6	6.9	L0075	Shelburne	55,672	8,126
27	6	6.8	L0031	Sioux Lookout	36,388	5,336
28	6	6.7	L0180	Hearst Twp	34,230	5,090
29	6	6.6	L0472	Grey Highlands	52,635	7,927
30	6	6.6	L0052	Espanola	33,448	5,048
31	6	6.6	L0209	Smiths Falls	58,020	8,780
32	6	6.1	L0159	Trent Lakes	32,742	5,397
33	6	5.9	L0372	West Perth	52,595	8,865
34	6	5.8	L0212	Muskoka Lakes Twp	31,107	5,333
35	6	5.8	L0500	Trent Hills	74,388	12,900
36	6	5.8	L0160	Gananoque	29,684	5,159
37	6	5.7	L0265	Perth East	56,019	9,765
38	6	5.3	L0342	Tay Twp	52,829	10,033
39	6	5.2	L0059	Hawkesbury	53,802	10,263
40	6	5.1	L0255	Otonabee-South Monaghan Twp	33,715	6,660
41	6	4.9	L0045	Cavan Monaghan Public Library Board, Township of	43,023	8,829
42	6	4.8	L0080	Bonnechere Union	26,311	5,528
43	6	4.7	L0126	Kirkland Lake	39,952	8,493
44	6	4.6	L1037	Temiskaming Shores	48,241	10,400
45	6	4.4	L0355	Tweed	26,508	6,044
46	6	4.3	L0330	Lanark Highlands	22,749	5,338
47	6	4.1	L0371	West Nipissing	59,085	14,364
48	6	4.1	L0370	West Lincoln Twp	59,569	14,500
49	6	4.1	L0336	West Grey Twp	50,402	12,286
50	6	3.9	L0487	Alnwick/Haldimand Twp	26,868	6,869
51	6	3.8	L0122	Kapuskasing	26,754	7,019
52	6	3.8	L0165	Oliver Paipoonge	22,445	5,922
53	6	3.5	L0004	Alfred & Plantagenet Twp	34,134	9,680
54	6	3.4	L0091	La Nation	42,927	12,808
55	6	3.3	L0258	Severn Township Library	39,213	11,719
56	6	3.2	L0038	Brock Twp	37,595	11,642
57	6	3.1	L0482	Whitewater Region	18,508	5,920
58	6	3.0	L0108	Champlain Twp	22,601	7,554
59	6	2.8	L0010	Augusta Twp	20,664	7,353
60	6	2.2	L0332	Southgate Twp.	16,448	7,354
61	6	2.2	L0467	Edwardsburgh/Cardinal Twp	15,476	7,093
62	6	1.4	L0469	Elizabethtown - Kitley	13,320	9,854
63	6	1.3	L0273	Powassan & District Union Public Library	7,651	6,069

Table 3: Rank Order Table: Circulations per capita, by bands, Ontario Public Libraries, 2017 (continued)

Band 7 (Resident population greater than 2,500 and fewer than 5,001)

Rank	Band	Annual			Total Annual	
		Circulations per capita	Library Number	Library Name	Direct Circulations	Population (Resident)
1	7	20.3	L0238	Lake of Bays Twp	64,427	3,167
2	7	19.2	L0073	Grand Valley Library Board	48,610	2,530
3	7	16.3	L0051	Deep River	68,367	4,193
4	7	12.6	L0325	French River	32,089	2,555
5	7	12.2	L0204	Merrickville-Wolford	31,899	2,605
6	7	10.0	L0196	Marathon	32,688	3,273
7	7	8.5	L0318	Stirling-Rawdon	41,286	4,882
8	7	7.6	L0178	Wawa	22,198	2,905
9	7	7.5	L0117	Cochrane Public Library Board	32,359	4,331
10	7	6.9	L0278	Iroquois Falls	31,119	4,537
11	7	6.6	L0471	Greenstone	30,800	4,636
12	7	6.3	L0303	Sables-Spanish Rivers Twp	20,130	3,214
13	7	6.0	L0062	Bancroft Town	23,301	3,881
14	7	5.8	L0011	Atikokan	16,040	2,753
15	7	5.8	L0232	Northeastern Manitoulin and the Islands	15,672	2,712
16	7	5.4	L0090	Burk's Falls, Armour & Ryerson Union	16,543	3,043
17	7	5.2	L0274	Prescott	21,915	4,222
18	7	5.1	L0058	Havelock-Belmont-Methuen Twp	23,112	4,530
19	7	4.6	L1036	Callander	17,888	3,863
20	7	4.4	L0384	Laurentian Hills	13,021	2,961
21	7	3.9	L0463	Marmora and Lake Twp	16,049	4,070
22	7	3.9	L0321	Seguin Twp	16,934	4,304
23	7	3.7	L0110	Centre Hastings	17,486	4,774
24	7	3.6	L0002	Admaston/Bromley Twp	9,700	2,713
25	7	3.3	L0290	Red Lake	13,787	4,170
26	7	3.0	L0145	East Ferris	14,403	4,766
27	7	2.8	L0475	Hastings Highlands Twp	11,450	4,075
28	7	2.8	L0478	Greater Madawaska Twp	7,035	2,518
29	7	2.7	L0107	Casselton	8,513	3,100
30	7	2.7	L0448	Front of Yonge Twp	7,468	2,752
31	7	2.7	L0136	Douro-Dummer Twp	10,540	3,952
32	7	2.6	L0339	Tyendinaga Twp	11,280	4,297
33	7	1.9	L0018	Athens Twp	5,828	3,013
34	7	1.8	L0016	Asphodel-Norwood	7,462	4,041
35	7	0.0	L1087	McDougall, Municipality of	0	2,702

Band 8 (Resident population fewer than 2,501) (partial)

1	8	30.5	L0307	Simcoe County Co-operative	23,144	759
2	8	28.0	L0377	Whitestone-Hagerman Memorial	28,843	1,030
3	8	24.3	L0131	Rainy River	19,622	807
4	8	20.7	L0322	Britt Area	19,453	940
5	8	15.7	L0050	Dorion Twp	4,951	316
6	8	11.8	L0382	North Kawartha Twp	25,944	2,190
7	8	11.7	L0374	Westport	6,923	590
8	8	11.2	L0308	Sioux Narrows Nestor Falls Twp	5,699	509
9	8	10.8	L0017	Assignack Twp	10,931	1,013
10	8	10.7	L0380	Wollaston	7,145	670
11	8	10.4	L0211	Moonbeam Twp	10,850	1,039
12	8	10.0	L0055	Fauquier-Strickland Twp	5,344	536
13	8	9.9	L0314	St. Joseph Twp	12,250	1,240
14	8	9.8	L0385	Killaloe, Hagarty & Richards Twp	21,877	2,239
15	8	9.2	L0162	Georgian Bay Twp	18,921	2,063
16	8	8.8	L0098	Emo Twp	11,708	1,333
17	8	8.8	L0240	Larder Lake Public Library	5,572	635
18	8	8.8	L0250	Opasatika	1,983	226
19	8	8.8	L0054	Englehart	13,315	1,519
20	8	8.7	L0323	Deseronto	14,380	1,645
21	8	8.4	L0179	Head, Clara & Maria	1,631	195
22	8	8.3	L0301	Schreiber Twp	8,722	1,047
23	8	8.2	L0375	White River Twp	5,283	645
24	8	7.9	L0344	Terrace Bay Twp	12,713	1,611
25	8	7.8	L0291	Red Rock Twp	6,940	895

Table 3: Rank Order Table: Circulations per capita, by bands, Ontario Public Libraries, 2017 (continued)

Band 8 (Resident population fewer than 2,501) (partial)

Rank	Band	Annual			Total Annual	
		Circulations per capita	Library Number	Library Name	Direct Circulations	Population (Resident)
26	8	7.7	L0109	Central Manitoulin Twp	15,993	2,084
27	8	7.6	L0183	Hilton Union	3,588	475
28	8	7.4	L0102	Cobalt Twp	8,376	1,128
29	8	7.2	L0406	M'Chigeeng FN	7,080	980
30	8	7.2	L0302	Gore Bay Union	12,138	1,688
31	8	7.1	L0429	Blind River	17,583	2,472
32	8	7.0	L0327	Ignace	8,466	1,202
33	8	6.6	L0225	Nipigon Twp	10,869	1,645
34	8	6.4	L0044	Bruce Mines & Plummer Additional Union	7,804	1,226
35	8	6.4	L0005	Addington Highlands Twp	11,101	1,744
36	8	6.3	L0084	Bonfield	12,447	1,975
37	8	6.2	L0357	Val Rita-Harty Twp	4,713	762
38	8	6.2	L0311	South Algonquin Twp	6,745	1,096
39	8	6.0	L0123	Kearney & Area	5,297	882
40	8	6.0	L0343	Tehkummah Twp	2,603	436
41	8	5.8	L0284	Sundridge-Strong Union	13,219	2,279
42	8	5.7	L0082	Billings Twp	3,436	603
43	8	5.2	L0313	St. Charles	6,545	1,269
44	8	5.1	L0280	James Twp	2,361	460
45	8	5.1	L0346	Thessalon	6,523	1,286
46	8	5.0	L0112	Chapleau Twp	9,736	1,964
47	8	5.0	L0497	Loring, Port Loring and District Local Services Board	3,965	800
48	8	4.9	L0312	South River-Machar Union	9,361	1,912
49	8	4.9	L0428	Mattagami FN	900	184
50	8	4.6	L0195	Manitouwadge	7,867	1,706
51	8	4.4	L0021	Temagami	3,543	802
52	8	3.8	L0184	Hornepayne Twp	3,766	980
53	8	3.6	L0447	Markstay-Warren	8,292	2,330
54	8	3.3	L0310	Smooth Rock Falls	4,449	1,330
55	8	3.3	L0427	Dubreuilville Twp	2,001	613
56	8	3.2	L0083	Black River-Matheson Twp	7,180	2,247
57	8	3.1	L0200	McKellar Twp	3,277	1,051
58	8	2.6	L0144	Ear Falls Twp	2,586	995
59	8	2.4	L0106	Carlow/Mayo Public Library	2,115	864
60	8	2.3	L0450	Tudor & Cashel Twp	1,326	586
61	8	2.1	L0381	Spanish Twp	1,526	712
62	8	2.1	L0202	Perry Twp	5,187	2,454
63	8	2.0	L0261	Phelps	3,015	1,500
64	8	1.2	L0189	Huron Shores	1,967	1,664
65	8	1.2	L0275	Prince Twp Public Library	1,170	1,010
66	8	1.1	L0465	Gogama LSB	525	475
67	8	0.1	L0013	Armstrong Twp	70	1,216
68	8	0.0	L0193	Madoc Twp	0	2,197
69	8	0.0	L0248	O'Connor Twp	0	663
70	8	0.0	L0461	Mattawan Twp	0	165

Table 3: Rank Order Table: Circulations per capita, by bands, Ontario Public Libraries, 2017 (continued)

First Nations' Libraries

Rank	Band	Annual Circulations per capita	Library		Total Annual	
			Number	Library Name	Direct Circulations	Population (Resident)
1	FN	27.3	L0396	Chippewas of Georgina Island FN	5,620	206
2	FN	21.3	L0134	Mattawa	43,400	2,033
3	FN	20.6	L0423	Wasauksing FN	8,697	422
4	FN	15.3	L0464	Michipicoten FN	1,025	67
5	FN	9.9	L0418	Shawanaga FN	1,836	185
6	FN	9.2	L0398	Chippewas of Rama FN	6,860	742
7	FN	7.3	L0439	Temagami FN	2,000	273
8	FN	6.6	L0403	Dokis FN	1,180	178
9	FN	4.9	L1084	Sachigo Lake FN	2,750	564
10	FN	4.8	L0194	Magnetawan Twp	5,750	1,187
11	FN	4.0	L0453	Wahta Mohawk FN	625	157
12	FN	3.7	L0456	Biigtigong Nishnaabeg	1,950	531
13	FN	3.4	L0394	Big Grassy FN	989	294
14	FN	3.3	L0393	Beausoleil First Nation Public Library	2,200	670
15	FN	2.9	L0446	Rainy River FN	1,383	472
16	FN	2.6	L0416	Seine River FN	942	365
17	FN	2.5	L0411	Chippewas of Nawash FN	1,894	755
18	FN	2.3	L0415	Saugeen FN	1,989	856
19	FN	2.3	L0424	Atikameksheng Anishnawbek Band No. 6 FN	1,000	434
20	FN	2.3	L0390	Alderville FN	742	323
21	FN	1.9	L0413	Ojibways of Onigaming FN	926	483
22	FN	1.9	L0402	Curve Lake FN	1,500	799
23	FN	1.7	L0419	Sheshegwaning FN	200	120
24	FN	1.1	L0405	Mohawks of the Bay of Quinte FN	2,500	2,194
25	FN	0.8	L0408	Mohawks of Akwesasne FN	8,132	9,871
26	FN	0.7	L0422	Thessalon FN	81	110
27	FN	0.7	L0404	Garden River FN	964	1,319
28	FN	0.6	L0409	Naoakamegwanning FN	500	784
29	FN	0.6	L0438	Iskatewizaagegan No. 39 FN	216	362
30	FN	0.6	L1035	Aundeck-Omni-Kaning FN	234	394
31	FN	0.6	L0417	Serpent River FN	220	389
32	FN	0.5	L0462	Bkejwanong FN	1,200	2,369
33	FN	0.5	L0412	Nipissing FN	492	1,013
34	FN	0.5	L0425	Whitefish River FN	200	434
35	FN	0.4	L0460	Henvey Inlet FN	75	195
36	FN	0.3	L0432	Sagamok Anishnawbek FN	535	1,617
37	FN	0.2	L0426	Wikwemikong FN	786	3,269
38	FN	0.2	L0397	Chippewas of Kettle & Stony Point FN	271	1,367
39	FN	0.2	L0420	Six Nations FN	2,304	12,848
40	FN	0.2	L0391	Algonquins of Pikwakanagan FN	75	460
41	FN	0.2	L0431	Delaware FN	96	606
42	FN	0.1	L0410	New Credit FN	123	991
43	FN	0.1	L0400	Chippewas of the Thames FN	103	1,001
44	FN	0.1	L0459	Mississauga FN	27	392
45	FN	0.0	L0190	MacDonald, Meredith & Aberdeen Add'l Twp	0	1,609

Table 4: Rank Order Table: Active Cardholders per capita, by Bands, Ontario Public Libraries, 2017

Band 1 (Resident population greater than 250,000)

Rank	Band	Active Cardholders per capita	Library Number	Library Name	Active Cardholders	Population (Resident)
1	1	50.15	L0359	Vaughan	129,741	258,703
2	1	41.21	L0099	Markham	147,012	356,720
3	1	36.67	L0245	London	140,734	383,822
4	1	36.35	L0127	Kitchener	91,802	252,520
5	1	32.60	L0353	Toronto	937,518	2,876,095
6	1	28.54	L0474	Hamilton	159,345	558,397
7	1	28.48	L0481	Ottawa	278,862	979,173
8	1	27.36	L0206	Mississauga	211,220	772,000
9	1	24.01	L0041	Brampton	145,899	607,740

Band 2 (Resident population greater than 100,000 and fewer than 250,001)

1	2	59.53	L0470	Greater Sudbury	96,164	161,531
2	2	53.33	L0434	Milton	62,763	117,700
3	2	49.89	L0037	Burlington	87,517	175,438
4	2	48.73	L0025	St. Catharines	64,860	133,113
5	2	43.65	L0365	Waterloo City	61,158	140,108
6	2	42.18	L0389	Guelph	55,588	131,794
7	2	39.65	L0253	Oshawa	65,819	166,000
8	2	37.36	L0213	Kingston-Frontenac County	56,043	150,012
9	2	35.76	L0027	Whitby	48,200	134,800
10	2	32.10	L0104	Cambridge	42,976	133,900
11	2	29.37	L0294	Richmond Hill	62,224	211,846
12	2	28.16	L0032	Ajax	35,869	127,400
13	2	28.09	L0239	Lambton County	35,577	126,638
14	2	27.54	L0247	Oakville	55,413	201,200
15	2	26.59	L0043	Barrie	39,089	147,000
16	2	25.72	L0121	Chatham-Kent	26,245	102,042
17	2	24.22	L0349	Thunder Bay	26,140	107,909
18	2	19.15	L0378	Windsor	41,594	217,188
19	2	14.01	L0153	Essex County	25,439	181,530

Band 3 (Resident population greater than 50,000 and fewer than 100,001)

1	3	91.00	L0227	North Bay	46,912	51,553
2	3	48.32	L0033	Aurora	26,788	55,445
3	3	47.27	L0081	Belleville	23,972	50,716
4	3	46.33	L0089	Bruce County	28,319	61,119
5	3	46.04	L0340	Pickering	41,338	89,781
6	3	41.04	L0113	Clarington, Municipality of	37,759	92,013
7	3	35.08	L0326	Halton Hills	20,582	58,672
8	3	31.21	L0188	Huron County	18,505	59,297
9	3	29.89	L0222	Niagara Falls	24,808	82,997
10	3	28.96	L0367	Wellington County	28,496	98,400
11	3	28.33	L0072	Georgina	14,383	50,771
12	3	27.65	L0205	Middlesex County Library	21,223	76,764
13	3	27.19	L0019	Newmarket	23,742	87,329
14	3	27.13	L0480	Norfolk County	17,141	63,175
15	3	24.86	L0191	Sault Ste. Marie	18,241	73,368
16	3	24.84	L0257	Oxford County	16,674	67,124
17	3	24.29	L0476	Kawartha Lakes, City of	18,323	75,423
18	3	24.21	L0366	Welland	12,658	52,293
19	3	23.17	L0270	Waterloo Region	15,733	67,910
20	3	21.86	L0151	Elgin County	10,943	50,069
21	3	19.38	L0049	Caledon	13,878	71,600
22	3	16.86	L0039	Brantford	16,782	99,531
23	3	16.73	L0268	Peterborough	13,735	82,094
24	3	15.11	L0319	Stormont, Dundas & Glengarry County	9,872	65,353

Table 4: Rank Order Table: Active Cardholders per capita, by Bands, Ontario Public Libraries, 2017 (continued)

Band 4 (Resident population greater than 30,000 and fewer than 50,001)

Rank	Band	Active Cardholders per capita	Library Number	Library Name	Active Cardholders	Population (Resident)
1	4	69.44	L0277	Innisfil	25,391	36,566
2	4	65.38	L0148	Whitchurch-Stouffville	29,967	45,837
3	4	63.17	L0086	Bradford West Gwillimbury Town	22,545	35,688
4	4	49.48	L0023	Orillia	15,402	31,128
5	4	42.81	L0285	Quinte West	18,653	43,577
6	4	36.05	L0040	Brant County	11,185	31,030
7	4	33.56	L0473	Haldimand County	15,306	45,608
8	4	32.88	L0207	New Tecumseth	11,257	34,242
9	4	31.70	L0379	Woodstock	12,964	40,902
10	4	30.00	L0256	Owen Sound & North Grey Union	11,535	38,450
11	4	27.38	L0269	Stratford	8,615	31,465
12	4	26.50	L0047	Cornwall	12,278	46,340
13	4	24.41	L0351	Timmins	10,199	41,788
14	4	24.01	L0315	St. Thomas	10,038	41,813
15	4	20.09	L0243	Lennox and Addington County	7,836	39,012
16	4	17.92	L0156	Fort Erie	5,502	30,710

Band 5 (Resident population greater than 15,000 and fewer than 30,001)

1	5	100.07	L0022	Midland	16,876	16,864
2	5	86.43	L0499	Port Hope	14,479	16,753
3	5	59.32	L0356	Uxbridge Twp	12,562	21,176
4	5	52.40	L0116	Cobourg	10,186	19,440
5	5	52.16	L0185	Huntsville	9,940	19,056
6	5	50.60	L0364	Wasaga Beach	10,462	20,675
7	5	42.74	L0267	Petawawa	6,962	16,290
8	5	42.56	L0066	Collingwood	9,877	23,209
9	5	42.28	L0024	Port Colborne	7,740	18,306
10	5	41.64	L0304	Scugog Memorial	7,586	18,218
11	5	41.42	L0262	Pelham	6,478	15,641
12	5	40.73	L0300	Russell	6,728	16,520
13	5	37.92	L0125	King Twp	9,295	24,512
14	5	35.51	L0309	Selwyn	6,058	17,060
15	5	34.10	L0228	North Grenville Twp	5,610	16,451
16	5	32.39	L0276	Prince Edward County	8,012	24,735
17	5	31.57	L0264	Perth and District Union	6,114	19,368
18	5	31.53	L0120	Clarence-Rockland	7,814	24,782
19	5	31.42	L0348	Thorold	5,907	18,801
20	5	30.46	L0259	Springwater Twp	5,806	19,060
21	5	29.17	L0147	East Gwillimbury	6,998	23,991
22	5	26.76	L0485	Kenora City	4,039	15,096
23	5	26.47	L0169	Grimsby	7,230	27,314
24	5	26.28	L0074	Orangeville	7,552	28,734
25	5	25.36	L0088	Brockville	5,413	21,346
26	5	23.67	L0223	Niagara-on-the-Lake	4,145	17,511
27	5	22.82	L0433	Lincoln	5,428	23,787
28	5	21.20	L0387	Essa	4,470	21,083

Table 4: Rank Order Table: Active Cardholders per capita, by Bands, Ontario Public Libraries, 2017 (continued)

Band 6 (Resident population greater than 5,000 and fewer than 15,001)

Rank	Band	Active Cardholders per capita	Library Number	Library Name	Active Cardholders	Population (Resident)
1	6	90.09	L0075	Shelburne	7,321	8,126
2	6	87.10	L0052	Espanola	4,397	5,048
3	6	68.52	L0160	Gananoque	3,535	5,159
4	6	67.72	L0059	Hawkesbury	6,950	10,263
5	6	63.76	L0065	The Blue Mountains	4,479	7,025
6	6	62.47	L0210	Mississippi Mills	8,223	13,163
7	6	62.35	L0498	Rideau Lakes Public Library	5,643	9,050
8	6	60.52	L0171	Haliburton County	8,838	14,604
9	6	59.36	L0466	Brighton Public Library Board	7,030	11,844
10	6	59.31	L0095	Parry Sound	3,749	6,321
11	6	58.74	L0014	Arnprior	5,166	8,795
12	6	58.72	L0048	Carleton Place	6,321	10,764
13	6	58.59	L0157	Fort Frances	4,534	7,739
14	6	56.78	L0126	Kirkland Lake	4,822	8,493
15	6	54.42	L0159	Trent Lakes	2,937	5,397
16	6	53.72	L0070	Bracebridge	8,026	14,941
17	6	52.02	L0292	Renfrew	4,242	8,155
18	6	50.46	L0477	Leeds and the Thousand Islands Twp	4,776	9,465
19	6	47.71	L0362	Wainfleet Twp	3,040	6,372
20	6	47.22	L0500	Trent Hills	6,091	12,900
21	6	47.02	L0209	Smiths Falls	4,128	8,780
22	6	45.22	L0271	St. Marys Public Library	2,797	6,185
23	6	43.08	L0168	Gravenhurst Public Library	5,193	12,055
24	6	41.91	L0472	Grey Highlands	3,322	7,927
25	6	40.82	L0212	Muskoka Lakes Twp	2,177	5,333
26	6	40.41	L0180	Hearst Twp	2,057	5,090
27	6	38.36	L0203	Meaford	4,216	10,990
28	6	38.30	L0080	Bonnechere Union	2,117	5,528
29	6	36.60	L0031	Sioux Lookout	1,953	5,336
30	6	34.93	L0119	Cramahe Twp	2,220	6,355
31	6	34.75	L0355	Tweed	2,100	6,044
32	6	33.98	L0045	Cavan Monaghan Public Library Board, Township of	3,000	8,829
33	6	33.33	L0010	Augusta Twp	2,451	7,353
34	6	33.00	L0263	Penetanguishene	2,957	8,962
35	6	32.30	L0138	Dryden	2,501	7,743
36	6	32.04	L0091	La Nation	4,103	12,808
37	6	31.57	L0122	Kapuskasing	2,216	7,019
38	6	31.39	L0273	Powassan & District Union Public Library	1,905	6,069
39	6	31.17	L0332	Southgate Twp.	2,292	7,354
40	6	30.67	L0152	Elliot Lake	3,294	10,741
41	6	29.46	L0255	Otonabee-South Monaghan Twp	1,962	6,660
42	6	28.26	L1037	Temiskaming Shores	2,939	10,400
43	6	27.04	L0487	Alnwick/Haldimand Twp	1,857	6,869
44	6	26.26	L0174	Hanover	2,019	7,688
45	6	25.16	L0287	Ramara Twp	1,573	6,252
46	6	24.72	L0371	West Nipissing	3,550	14,364
47	6	24.62	L0038	Brock Twp	2,866	11,642
48	6	23.83	L0165	Oliver Paipoonge	1,411	5,922
49	6	23.69	L0231	North Perth	3,110	13,130
50	6	23.26	L0482	Whitewater Region	1,377	5,920
51	6	21.42	L0342	Tay Twp	2,149	10,033
52	6	21.41	L0071	Pembroke	2,327	10,867
53	6	20.88	L0115	Clearview Twp	2,955	14,151
54	6	19.08	L0372	West Perth	1,691	8,865
55	6	18.35	L0004	Alfred & Plantagenet Twp	1,776	9,680
56	6	17.98	L0108	Champlain Twp	1,358	7,554
57	6	16.20	L0469	Elizabethtown - Kitley	1,596	9,854
58	6	15.31	L0336	West Grey Twp	1,881	12,286
59	6	14.18	L0330	Lanark Highlands	757	5,338
60	6	12.46	L0370	West Lincoln Twp	1,806	14,500
61	6	12.41	L0265	Perth East	1,212	9,765
62	6	9.15	L0467	Edwardsburgh/Cardinal Twp	649	7,093
63	6	8.33	L0258	Severn Township Library	976	11,719

Table 4: Rank Order Table: Active Cardholders per capita, by Bands, Ontario Public Libraries, 2017 (continued)

Band 7 (Resident population greater than 2,500 and fewer than 5,001)

Rank	Band	Active Cardholders per capita	Library Number	Library Name	Active Cardholders	Population (Resident)
1	7	166.34	L0238	Lake of Bays Twp	5,268	3,167
2	7	99.57	L0325	French River	2,544	2,555
3	7	76.56	L0073	Grand Valley Library Board	1,937	2,530
4	7	69.93	L0051	Deep River	2,932	4,193
5	7	63.03	L0090	Burk's Falls, Armour & Ryerson Union	1,918	3,043
6	7	58.93	L0204	Merrickville-Wolford	1,535	2,605
7	7	47.23	L0178	Wawa	1,372	2,905
8	7	46.57	L0011	Atikokan	1,282	2,753
9	7	46.46	L0117	Cochrane Public Library Board	2,012	4,331
10	7	46.25	L0471	Greenstone	2,144	4,636
11	7	45.61	L0321	Seguin Twp	1,963	4,304
12	7	44.68	L0278	Iroquois Falls	2,027	4,537
13	7	43.89	L0058	Havelock-Belmont-Methuen Twp	1,988	4,530
14	7	41.11	L1036	Callander	1,588	3,863
15	7	39.73	L0062	Bancroft Town	1,542	3,881
16	7	38.39	L0232	Northeastern Manitoulin and the Islands	1,041	2,712
17	7	37.71	L0303	Sables-Spanish Rivers Twp	1,212	3,214
18	7	37.29	L0107	Casselton	1,156	3,100
19	7	36.53	L0496	Madawaska Valley Twp	1,351	3,698
20	7	36.41	L0274	Prescott	1,537	4,222
21	7	35.29	L0475	Hastings Highlands Twp	1,438	4,075
22	7	33.82	L0196	Marathon	1,107	3,273
23	7	31.85	L0290	Red Lake	1,328	4,170
24	7	27.52	L0463	Marmora and Lake Twp	1,120	4,070
25	7	25.45	L0110	Centre Hastings	1,215	4,774
26	7	22.30	L0018	Athens Twp	672	3,013
27	7	21.29	L0478	Greater Madawaska Twp	536	2,518
28	7	21.19	L0448	Front of Yonge Twp	583	2,752
29	7	18.87	L0318	Stirling-Rawdon	921	4,882
30	7	17.42	L0145	East Ferris	830	4,766
31	7	16.22	L0339	Tyendinaga Twp	697	4,297
32	7	13.60	L0002	Admaston/Bromley Twp	369	2,713
33	7	13.34	L0016	Asphodel-Norwood	539	4,041
34	7	11.69	L0384	Laurentian Hills	346	2,961
35	7	11.34	L0136	Douro-Dummer Twp	448	3,952

Band 8 (Resident population fewer than 2,501) (partial)

1	8	287.72	L0382	North Kawartha Twp	6,301	2,190
2	8	185.60	L0162	Georgian Bay Twp	3,829	2,063
3	8	159.49	L0098	Emo Twp	2,126	1,333
4	8	132.97	L0346	Thessalon	1,710	1,286
5	8	130.10	L0377	Whitestone-Hagerman Memorial	1,340	1,030
6	8	129.76	L0314	St. Joseph Twp	1,609	1,240
7	8	128.79	L0109	Central Manitoulin Twp	2,684	2,084
8	8	120.82	L0199	McGarry Twp	708	586
9	8	104.13	L0343	Tehkummah Twp	454	436
10	8	101.47	L0465	Gogama LSB	482	475
11	8	100.00	L0307	Simcoe County Co-operative	759	759
12	8	94.70	L0308	Sioux Narrows Nestor Falls Twp	482	509
13	8	92.32	L0131	Rainy River	745	807
14	8	91.98	L0055	Fauquier-Strickland Twp	493	536
15	8	91.05	L0102	Cobalt Twp	1,027	1,128
16	8	90.87	L0280	James Twp	418	460
17	8	90.38	L0312	South River-Machar Union	1,728	1,912
18	8	82.95	L0375	White River Twp	535	645
19	8	82.04	L0301	Schreiber Twp	859	1,047
20	8	81.88	L0429	Blind River	2,024	2,472
21	8	78.97	L0323	Deseronto	1,299	1,645
22	8	77.26	L0183	Hilton Union	367	475
23	8	72.29	L0407	Magnetawan FN	60	83
24	8	70.90	L0380	Wollaston	475	670
25	8	69.23	L0179	Head, Clara & Maria	135	195

Table 4: Rank Order Table: Active Cardholders per capita, by Bands, Ontario Public Libraries, 2017 (continued)

Band 8 (Resident population fewer than 2,501) (partial)

Rank	Band	Active		Library Name	Active Cardholders	Population (Resident)
		Cardholders per capita	Library Number			
26	8	69.20	L0017	Assiginack Twp	701	1,013
27	8	68.95	L0310	Smooth Rock Falls	917	1,330
28	8	65.83	L0054	Englehart	1,000	1,519
29	8	64.03	L0044	Bruce Mines & Plummer Additional Union	785	1,226
30	8	62.66	L0020	Mattice-Val Cote Twp	391	624
31	8	61.89	L0240	Larder Lake Public Library	393	635
32	8	61.05	L0385	Killaloe, Hagarty & Richards Twp	1,367	2,239
33	8	59.54	L0427	Dubreuilville Twp	365	613
34	8	57.48	L0311	South Algonquin Twp	630	1,096
35	8	55.93	L0344	Terrace Bay Twp	901	1,611
36	8	55.00	L0497	Loring, Port Loring and District Local Services Board	440	800
37	8	54.99	L0005	Addington Highlands Twp	959	1,744
38	8	54.87	L0250	Opasatika	124	226
39	8	54.75	L0291	Red Rock Twp	490	895
40	8	52.20	L0374	Westport	308	590
41	8	52.08	L0106	Carlow/Mayo Public Library	450	864
42	8	50.76	L0225	Nipigon Twp	835	1,645
43	8	49.88	L0195	Manitouwadge	851	1,706
44	8	49.05	L0050	Dorion Twp	155	316
45	8	48.12	L0211	Moonbeam Twp	500	1,039
46	8	45.10	L0200	McKellar Twp	474	1,051
47	8	41.61	L0123	Kearney & Area	367	882
48	8	39.21	L0083	Black River-Matheson Twp	881	2,247
49	8	36.52	L0447	Markstay-Warren	851	2,330
50	8	36.27	L0327	Ignace	436	1,202
51	8	35.99	L0082	Billings Twp	217	603
52	8	35.92	L0184	Hornepayne Twp	352	980
53	8	34.98	L0450	Tudor & Cashel Twp	205	586
54	8	34.54	L0302	Gore Bay Union	583	1,688
55	8	34.29	L0021	Temagami	275	802
56	8	31.07	L0284	Sundridge-Strong Union	708	2,279
57	8	26.40	L0013	Armstrong Twp	321	1,216
58	8	24.75	L0112	Chapleau Twp	486	1,964
59	8	23.74	L0381	Spanish Twp	169	712
60	8	22.31	L0357	Val Rita-Harty Twp	170	762
61	8	22.07	L0313	St. Charles	280	1,269
62	8	21.74	L0428	Mattagami FN	40	184
63	8	20.10	L0275	Prince Twp Public Library	203	1,010
64	8	19.80	L0261	Phelps	297	1,500
65	8	19.75	L0084	Bonfield	390	1,975
66	8	18.75	L0189	Huron Shores	312	1,664
67	8	17.55	L0322	Britt Area	165	940
68	8	16.33	L0406	M'Chigeeng FN	160	980
69	8	15.58	L0144	Ear Falls Twp	155	995
70	8	15.28	L0202	Perry Twp	375	2,454

Table 4: Rank Order Table: Active Cardholders per capita, by Bands, Ontario Public Libraries, 2017 (continued)

First Nations' Libraries

Rank	Band	Active Cardholders per capita	Library Number	Library Name	Active Cardholders	Population (Resident)
1	FN	209.26	L0440	Mississaugas of Scugog Island FN	113	54
2	FN	145.46	L0422	Thessalon FN	160	110
3	FN	119.40	L0464	Michipicoten FN	80	67
4	FN	116.58	L0459	Mississauga FN	457	392
5	FN	115.21	L0424	Atikameksheng Anishnawbek Band No. 6 FN	500	434
6	FN	110.81	L0418	Shawanaga FN	205	185
7	FN	106.80	L0396	Chippewas of Georgina Island FN	220	206
8	FN	101.08	L0398	Chippewas of Rama FN	750	742
9	FN	95.58	L0394	Big Grassy FN	281	294
10	FN	85.39	L0403	Dokis FN	152	178
11	FN	77.25	L0423	Wasauksing FN	326	422
12	FN	71.83	L0390	Alderville FN	232	323
13	FN	70.44	L0134	Mattawa	1,432	2,033
14	FN	63.61	L0194	Magnetawan Twp	755	1,187
15	FN	61.88	L0431	Delaware FN	375	606
16	FN	56.27	L0393	Beausoleil First Nation Public Library	377	670
17	FN	50.13	L0417	Serpent River FN	195	389
18	FN	45.79	L0439	Temagami FN	125	273
19	FN	45.03	L0409	Nootkamegwanning FN	353	784
20	FN	42.18	L0408	Mohawks of Akwesasne FN	4,164	9,871
21	FN	41.67	L0419	Sheshegwaning FN	50	120
22	FN	33.67	L0402	Curve Lake FN	269	799
23	FN	33.33	L0460	Henvey Inlet FN	65	195
24	FN	32.82	L0405	Mohawks of the Bay of Quinte FN	720	2,194
25	FN	31.06	L0413	Ojibways of Onigaming FN	150	483
26	FN	30.11	L0420	Six Nations FN	3,869	12,848
27	FN	27.44	L0462	Bkejwanong FN	650	2,369
28	FN	27.36	L0397	Chippewas of Kettle & Stony Point FN	374	1,367
29	FN	25.73	L0410	New Credit FN	255	991
30	FN	23.65	L0426	Wikwemikong FN	773	3,269
31	FN	19.11	L0453	Wahta Mohawk FN	30	157
32	FN	18.69	L0415	Saugeen FN	160	856
33	FN	17.48	L0411	Chippewas of Nawash FN	132	755
34	FN	16.95	L0446	Rainy River FN	80	472
35	FN	16.01	L0456	Biigtigong Nishnaabeg	85	531
36	FN	13.30	L1084	Sachigo Lake FN	75	564
37	FN	12.83	L0391	Algonquins of Pikwakanagan FN	59	460
38	FN	12.69	L1035	Aundeck-Omni-Kaning FN	50	394
39	FN	11.52	L0425	Whitefish River FN	50	434
40	FN	11.37	L0404	Garden River FN	150	1,319
41	FN	11.23	L0416	Seine River FN	41	365
42	FN	11.05	L0438	Iskatewizaagegan No. 39 FN	40	362
43	FN	8.04	L0432	Sagamok Anishnawbek FN	130	1,617
44	FN	7.11	L0412	Nipissing FN	72	1,013
45	FN	5.00	L0400	Chippewas of the Thames FN	50	1,001

Table 5: Rank Order Table: Total Expenditures per capita, by Band, Ontario Public Libraries, 2017

Band 1 (Resident population greater than 250,000)

Rank	Band	Expenditures			Library Name	Total Operating Expenditures \$	Population (Resident)
		per capita \$	Library Number				
1	1	68.70	L0353	Toronto	197,574,975	2,876,095	
2	1	67.13	L0359	Vaughan	17,366,075	258,703	
3	1	56.70	L0474	Hamilton	31,662,929	558,397	
4	1	55.15	L0245	London	21,166,502	383,822	
5	1	49.91	L0481	Ottawa	48,869,428	979,173	
6	1	45.66	L0127	Kitchener	11,530,958	252,520	
7	1	43.08	L0099	Markham	15,366,750	356,720	
8	1	35.96	L0206	Mississauga	27,762,463	772,000	
9	1	29.47	L0041	Brampton	17,912,200	607,740	

Band 2 (Resident population greater than 100,000 and fewer than 250,001)

1	2	72.19	L0389	Guelph	9,514,162	131,794
2	2	63.24	L0037	Burlington	11,094,751	175,438
3	2	59.80	L0349	Thunder Bay	6,452,837	107,909
4	2	58.06	L0239	Lambton County	7,352,216	126,638
5	2	57.70	L0253	Oshawa	9,578,124	166,000
6	2	57.23	L0043	Barrie	8,412,644	147,000
7	2	52.64	L0294	Richmond Hill	11,151,784	211,846
8	2	50.47	L0213	Kingston-Frontenac County	7,571,469	150,012
9	2	49.25	L0104	Cambridge	6,595,115	133,900
10	2	47.05	L0247	Oakville	9,467,102	201,200
11	2	46.07	L0470	Greater Sudbury	7,442,191	161,531
12	2	44.37	L0025	St. Catharines	5,906,445	133,113
13	2	43.97	L0365	Waterloo City	6,160,376	140,108
14	2	43.41	L0121	Chatham-Kent	4,429,263	102,042
15	2	42.58	L0027	Whitby	5,739,576	134,800
16	2	41.86	L0434	Milton	4,926,872	117,700
17	2	41.62	L0378	Windsor	9,039,344	217,188
18	2	37.30	L0032	Ajax	4,752,065	127,400
19	2	27.89	L0153	Essex County	5,062,160	181,530

Band 3 (Resident population greater than 50,000 and fewer than 100,001)

1	3	68.07	L0367	Wellington County	6,698,532	98,400
2	3	67.45	L0033	Aurora	3,739,893	55,445
3	3	66.45	L0340	Pickering	5,966,283	89,781
4	3	65.38	L0326	Halton Hills	3,836,155	58,672
5	3	62.65	L0257	Oxford County	4,205,570	67,124
6	3	58.04	L0089	Bruce County	3,547,252	61,119
7	3	55.39	L0151	Elgin County	2,773,141	50,069
8	3	52.83	L0205	Middlesex County Library	4,055,614	76,764
9	3	52.56	L0222	Niagara Falls	4,362,435	82,997
10	3	51.40	L0480	Norfolk County	3,247,410	63,175
11	3	50.73	L0039	Brantford	5,049,662	99,531
12	3	50.66	L0188	Huron County	3,004,122	59,297
13	3	49.20	L0049	Caledon	3,522,707	71,600
14	3	48.94	L0227	North Bay	2,523,134	51,553
15	3	46.43	L0268	Peterborough	3,811,640	82,094
16	3	45.50	L0081	Belleville	2,307,804	50,716
17	3	44.10	L0191	Sault Ste. Marie	3,235,562	73,368
18	3	43.58	L0072	Georgina	2,212,440	50,771
19	3	43.12	L0366	Welland	2,254,945	52,293
20	3	42.18	L0270	Waterloo Region	2,864,566	67,910
21	3	38.76	L0019	Newmarket	3,384,446	87,329
22	3	36.20	L0113	Clarington, Municipality of	3,330,531	92,013
23	3	35.19	L0319	Stormont, Dundas & Glengarry County	2,300,022	65,353
24	3	23.81	L0476	Kawartha Lakes, City of	1,795,670	75,423

Table 5: Rank Order Table: Total Expenditures per capita, by Band, Ontario Public Libraries, 2017 (continued)

Band 4 (Resident population greater than 30,000 and fewer than 50,001)

Rank	Band	Expenditures		Library Name	Total	Population
		per capita	Library		Operating	(Resident)
		\$	Number		\$	
1	4	97.72	L0277	Innisfil	3,573,090	36,566
2	4	82.24	L0269	Stratford	2,587,836	31,465
3	4	71.32	L0023	Orillia	2,220,188	31,128
4	4	63.20	L0086	Bradford West Gwillimbury Town	2,255,312	35,688
5	4	62.89	L0315	St. Thomas	2,629,515	41,813
6	4	61.26	L0040	Brant County	1,900,774	31,030
7	4	59.15	L0379	Woodstock	2,419,230	40,902
8	4	51.33	L0047	Cornwall	2,378,466	46,340
9	4	50.07	L0156	Fort Erie	1,537,761	30,710
10	4	43.99	L0207	New Tecumseth	1,506,286	34,242
11	4	40.99	L0256	Owen Sound & North Grey Union	1,576,102	38,450
12	4	40.33	L0351	Timmins	1,685,227	41,788
13	4	40.27	L0148	Whitchurch-Stouffville	1,846,002	45,837
14	4	38.70	L0473	Haldimand County	1,765,048	45,608
15	4	35.65	L0243	Lennox and Addington County	1,390,784	39,012
16	4	33.96	L0285	Quinte West	1,479,933	43,577

Band 5 (Resident population greater than 15,000 and fewer than 30,001)

1	5	72.31	L0066	Collingwood	1,678,334	23,209
2	5	71.03	L0125	King Twp	1,741,113	24,512
3	5	70.68	L0074	Orangeville	2,030,981	28,734
4	5	66.14	L0116	Cobourg	1,285,769	19,440
5	5	64.45	L0147	East Gwillimbury	1,546,112	23,991
6	5	63.86	L0223	Niagara-on-the-Lake	1,118,181	17,511
7	5	60.15	L0262	Pelham	940,768	15,641
8	5	57.04	L0022	Midland	961,948	16,864
9	5	53.24	L0276	Prince Edward County	1,316,962	24,735
10	5	51.10	L0185	Huntsville	973,697	19,056
11	5	45.29	L0433	Lincoln	1,077,432	23,787
12	5	44.58	L0300	Russell	736,532	16,520
13	5	43.62	L0024	Port Colborne	798,541	18,306
14	5	43.46	L0499	Port Hope	728,151	16,753
15	5	43.13	L0485	Kenora City	651,021	15,096
16	5	39.87	L0304	Scugog Memorial	726,328	18,218
17	5	39.79	L0356	Uxbridge Twp	842,566	21,176
18	5	39.51	L0309	Selwyn	673,965	17,060
19	5	39.39	L0169	Grimsby	1,076,017	27,314
20	5	38.67	L0267	Petawawa	629,886	16,290
21	5	37.48	L0088	Brockville	800,112	21,346
22	5	35.80	L0264	Perth and District Union	693,283	19,368
23	5	35.79	L0348	Thorold	672,821	18,801
24	5	34.77	L0387	Essa	733,099	21,083
25	5	34.34	L0259	Springwater Twp	654,585	19,060
26	5	32.86	L0120	Clarence-Rockland	814,300	24,782
27	5	32.01	L0228	North Grenville Twp	526,644	16,451
28	5	29.41	L0364	Wasaga Beach	608,052	20,675

Table 5: Rank Order Table: Total Expenditures per capita, by Band, Ontario Public Libraries, 2017 (continued)**Band 6 (Resident population greater than 5,000 and fewer than 15,001)**

Rank	Band	Expenditures		Library Name	Operating Expenditures \$	Population (Resident)
		per capita \$	Library Number			
1	6	120.18	L0065	The Blue Mountains	844,249	7,025
2	6	81.94	L0212	Muskoka Lakes Twp	436,992	5,333
3	6	80.85	L0271	St. Marys Public Library	500,033	6,185
4	6	80.61	L0174	Hanover	619,736	7,688
5	6	77.58	L0157	Fort Frances	600,424	7,739
6	6	75.95	L0031	Sioux Lookout	405,243	5,336
7	6	74.04	L0287	Ramara Twp	462,884	6,252
8	6	73.18	L0231	North Perth	960,844	13,130
9	6	71.19	L0362	Wainfleet Twp	453,648	6,372
10	6	70.04	L0171	Haliburton County	1,022,854	14,604
11	6	66.47	L0095	Parry Sound	420,161	6,321
12	6	65.47	L0203	Meaford	719,537	10,990
13	6	64.19	L0292	Renfrew	523,490	8,155
14	6	64.16	L0052	Espanola	323,895	5,048
15	6	63.82	L0070	Bracebridge	953,596	14,941
16	6	62.62	L0014	Amprior	550,776	8,795
17	6	60.05	L0075	Shelburne	487,953	8,126
18	6	58.60	L0168	Gravenhurst Public Library	706,475	12,055
19	6	57.92	L0115	Clearview Twp	819,601	14,151
20	6	57.21	L0071	Pembroke	621,749	10,867
21	6	55.55	L0472	Grey Highlands	440,344	7,927
22	6	55.36	L0498	Rideau Lakes Public Library	500,984	9,050
23	6	54.30	L0180	Hearst Twp	276,387	5,090
24	6	54.29	L0209	Smiths Falls	476,689	8,780
25	6	52.34	L0038	Brock Twp	609,378	11,642
26	6	52.26	L0059	Hawkesbury	536,393	10,263
27	6	50.57	L0263	Penetanguishene	453,207	8,962
28	6	49.55	L0138	Dryden	383,636	7,743
29	6	48.24	L1037	Temiskaming Shores	501,732	10,400
30	6	46.56	L0477	Leeds and the Thousand Islands Twp	440,679	9,465
31	6	45.82	L0080	Bonnechere Union	253,268	5,528
32	6	45.72	L0210	Mississippi Mills	601,872	13,163
33	6	42.99	L0500	Trent Hills	554,616	12,900
34	6	42.49	L0152	Elliot Lake	456,381	10,741
35	6	41.40	L0342	Tay Twp	415,374	10,033
36	6	40.49	L0160	Gananoque	208,872	5,159
37	6	40.46	L0273	Powassan & District Union Public Library	245,567	6,069
38	6	40.37	L0466	Brighton Public Library Board	478,201	11,844
39	6	40.19	L0048	Carleton Place	432,657	10,764
40	6	39.94	L0119	Cramahe Twp	253,798	6,355
41	6	38.68	L0159	Trent Lakes	208,746	5,397
42	6	35.87	L0371	West Nipissing	515,203	14,364
43	6	35.70	L0126	Kirkland Lake	303,221	8,493
44	6	34.71	L0122	Kapuskasing	243,614	7,019
45	6	34.62	L0004	Alfred & Plantagenet Twp	335,103	9,680
46	6	33.86	L0045	Cavan Monaghan Public Library Board, Township of	298,912	8,829
47	6	33.00	L0091	La Nation	422,613	12,808
48	6	32.00	L0370	West Lincoln Twp	463,971	14,500
49	6	31.71	L0487	Alnwick/Haldimand Twp	217,782	6,869
50	6	30.48	L0355	Tweed	184,214	6,044
51	6	29.64	L0255	Otonabee-South Monaghan Twp	197,420	6,660
52	6	28.42	L0372	West Perth	251,974	8,865
53	6	28.39	L0332	Southgate Twp.	208,811	7,354
54	6	28.12	L0336	West Grey Twp	345,445	12,286
55	6	27.81	L0265	Perth East	271,599	9,765
56	6	24.71	L0108	Champlain Twp	186,696	7,554
57	6	20.17	L0467	Edwardsburgh/Cardinal Twp	143,095	7,093
58	6	17.98	L0010	Augusta Twp	132,225	7,353
59	6	16.38	L0258	Severn Township Library	192,010	11,719
60	6	15.31	L0165	Oliver Paipoonge	90,689	5,922
61	6	15.05	L0330	Lanark Highlands	80,359	5,338
62	6	14.17	L0482	Whitewater Region	83,897	5,920
63	6	12.49	L0469	Elizabethtown - Kitley	123,098	9,854

Table 5: Rank Order Table: Total Expenditures per capita, by Band, Ontario Public Libraries, 2017 (continued)

Band 7 (Resident population greater than 2,500 and fewer than 5,001)

Rank	Band	Expenditures		Library Name	Operating Expenditures	Population (Resident)
		per capita	Library Number			
		\$			\$	
1	7	115.52	L0238	Lake of Bays Twp	365,863	3,167
2	7	110.65	L0073	Grand Valley Library Board	279,944	2,530
3	7	100.45	L0471	Greenstone	465,688	4,636
4	7	97.02	L0051	Deep River	406,819	4,193
5	7	94.98	L0117	Cochrane Public Library Board	411,359	4,331
6	7	92.20	L0011	Atikokan	253,838	2,753
7	7	73.66	L1036	Callander	284,537	3,863
8	7	71.56	L0178	Wawa	207,875	2,905
9	7	60.84	L0196	Marathon	199,115	3,273
10	7	60.66	L0290	Red Lake	252,970	4,170
11	7	57.47	L0303	Sables-Spanish Rivers Twp	184,709	3,214
12	7	55.69	L0475	Hastings Highlands Twp	226,957	4,075
13	7	55.47	L0325	French River	141,738	2,555
14	7	49.62	L0496	Madawaska Valley Twp	183,490	3,698
15	7	48.94	L0090	Burk's Falls, Armour & Ryerson Union	148,932	3,043
16	7	44.83	L0107	Casselton	138,961	3,100
17	7	43.10	L0321	Seguin Twp	185,523	4,304
18	7	42.39	L0062	Bancroft Town	164,498	3,881
19	7	41.29	L0278	Iroquois Falls	187,346	4,537
20	7	40.69	L0204	Merrickville-Wolford	106,002	2,605
21	7	39.76	L0232	Northeastern Manitoulin and the Islands	107,821	2,712
22	7	37.67	L0274	Prescott	159,024	4,222
23	7	35.54	L0016	Asphodel-Norwood	143,635	4,041
24	7	34.48	L0384	Laurentian Hills	102,090	2,961
25	7	33.86	L0318	Stirling-Rawdon	165,312	4,882
26	7	32.18	L0058	Havelock-Belmont-Methuen Twp	145,757	4,530
27	7	32.17	L0478	Greater Madawaska Twp	81,003	2,518
28	7	31.50	L0339	Tyendinaga Twp	135,370	4,297
29	7	29.59	L0145	East Ferris	141,047	4,766
30	7	29.00	L0110	Centre Hastings	138,440	4,774
31	7	26.36	L0136	Douro-Dummer Twp	104,169	3,952
32	7	26.21	L0463	Marmora and Lake Twp	106,693	4,070
33	7	22.10	L0448	Front of Yonge Twp	60,830	2,752
34	7	18.28	L0002	Admaston/Bromley Twp	49,585	2,713
35	7	15.06	L0018	Athens Twp	45,386	3,013

Band 8 (Resident population fewer than 2,501) (partial)

1	8	1,041.45	L0307	Simcoe County Co-operative	790,462	759
2	8	205.81	L0428	Mattagami FN	37,869	184
3	8	187.37	L0407	Magnetawan FN	15,552	83
4	8	133.94	L0301	Schreiber Twp	140,235	1,047
5	8	133.10	L0131	Rainy River	107,411	807
6	8	130.55	L0211	Moonbeam Twp	135,646	1,039
7	8	126.82	L0344	Terrace Bay Twp	204,312	1,611
8	8	122.79	L0240	Larder Lake Public Library	77,973	635
9	8	120.79	L0382	North Kawartha Twp	264,530	2,190
10	8	119.42	L0055	Fauquier-Strickland Twp	64,009	536
11	8	116.72	L0184	Hornepayne Twp	114,384	980
12	8	113.38	L0377	Whitestone-Hagerman Memorial	116,786	1,030
13	8	110.95	L0050	Dorion Twp	35,060	316
14	8	109.48	L0020	Mattice-Val Cote Twp	68,318	624
15	8	98.21	L0375	White River Twp	63,343	645
16	8	97.04	L0162	Georgian Bay Twp	200,201	2,063
17	8	96.80	L0291	Red Rock Twp	86,634	895
18	8	89.57	L0183	Hilton Union	42,545	475
19	8	88.18	L0021	Temagami	70,722	802
20	8	86.02	L0044	Bruce Mines & Plummer Additional Union	105,465	1,226
21	8	83.14	L0199	McGarry Twp	48,720	586
22	8	81.15	L0250	Opasatika	18,340	226

Table 5: Rank Order Table: Total Expenditures per capita, by Band, Ontario Public Libraries, 2017 (continued) Page 73**Band 8 (Resident population fewer than 2,501) (continued)**

Rank	Band	Expenditures		Library Name	Total	Population (Resident)
		per capita	Library		Operating Expenditures	
		\$	Number		\$	
23	8	76.71	L0144	Ear Falls Twp	76,331	995
24	8	75.96	L0323	Deseronto	124,954	1,645
25	8	73.02	L0195	Manitouwadge	124,567	1,706
26	8	70.83	L0225	Nipigon Twp	116,522	1,645
27	8	69.96	L0357	Val Rita-Harty Twp	53,313	762
28	8	68.77	L0374	Westport	40,572	590
29	8	67.04	L0381	Spanish Twp	47,736	712
30	8	60.46	L0098	Emo Twp	80,594	1,333
31	8	59.28	L0123	Kearney & Area	52,281	882
32	8	58.84	L0327	Ignace	70,731	1,202
33	8	57.63	L0112	Chapleau Twp	113,181	1,964
34	8	57.25	L0380	Wollaston	38,358	670
35	8	54.94	L0054	Englehart	83,448	1,519
36	8	54.29	L0102	Cobalt Twp	61,242	1,128
37	8	53.29	L0385	Killaloe, Hagarty & Richards Twp	119,316	2,239
38	8	50.98	L0310	Smooth Rock Falls	67,805	1,330
39	8	50.59	L0429	Blind River	125,064	2,472
40	8	50.58	L0179	Head, Clara & Maria	9,864	195
41	8	50.40	L0280	James Twp	23,182	460
42	8	49.94	L0013	Armstrong Twp	60,732	1,216
43	8	49.52	L0308	Sioux Narrows Nestor Falls Twp	25,205	509
44	8	49.30	L0083	Black River-Matheson Twp	110,781	2,247
45	8	48.08	L0311	South Algonquin Twp	52,696	1,096
46	8	47.75	L0200	McKellar Twp	50,188	1,051
47	8	47.21	L0109	Central Manitoulin Twp	98,393	2,084
48	8	46.38	L0005	Addington Highlands Twp	80,887	1,744
49	8	45.59	L0017	Assignack Twp	46,181	1,013
50	8	45.21	L0082	Billings Twp	27,262	603
51	8	43.68	L0313	St. Charles	55,433	1,269
52	8	42.98	L0447	Markstay-Warren	100,143	2,330
53	8	42.77	L0084	Bonfield	84,461	1,975
54	8	42.45	L0427	Dubreuilville Twp	26,019	613
55	8	41.47	L0346	Thessalon	53,326	1,286
56	8	40.16	L0312	South River-Machar Union	76,777	1,912
57	8	39.82	L0284	Sundridge-Strong Union	90,745	2,279
58	8	36.17	L0202	Perry Twp	88,766	2,454
59	8	35.80	L0406	M'Chigeeng FN	35,088	980
60	8	34.61	L0106	Carlow/Mayo Public Library	29,904	864
61	8	31.49	L0189	Huron Shores	52,400	1,664
62	8	29.03	L0314	St. Joseph Twp	36,002	1,240
63	8	28.43	L0302	Gore Bay Union	47,987	1,688
64	8	23.49	L0343	Tehkummah Twp	10,243	436
65	8	16.10	L0275	Prince Twp Public Library	16,264	1,010
66	8	14.59	L0450	Tudor & Cashel Twp	8,547	586
67	8	7.26	L0497	Loring, Port Loring and District Local Services Board	5,808	800
68	8	5.71	L0322	Britt Area	5,368	940
69	8	3.25	L0261	Phelps	4,873	1,500
70	8	2.97	L0465	Gogama LSB	1,413	475

Table 5: Rank Order Table: Total Expenditures per capita, by Band, Ontario Public Libraries, 2017 (continued) Page 74

<i>First Nations' Libraries</i>					Total	
Rank	Band	Expenditures		Library Name	Operating	Population
		per capita	Library		Expenditures	(Resident)
		\$	Number		\$	
1	FN	825.63	L0464	Michipicoten FN	55,317	67
2	FN	343.68	L0396	Chippewas of Georgina Island FN	70,799	206
3	FN	300.00	L0440	Mississaugas of Scugog Island FN	16,200	54
4	FN	296.11	L0398	Chippewas of Rama FN	219,717	742
5	FN	249.26	L0422	Thessalon FN	27,419	110
6	FN	245.07	L0403	Dokis FN	43,623	178
7	FN	165.17	L0419	Sheshegwaning FN	19,820	120
8	FN	137.08	L0460	Henvey Inlet FN	26,730	195
9	FN	126.56	L0394	Big Grassy FN	37,208	294
10	FN	120.82	L0453	Wahta Mohawk FN	18,968	157
11	FN	97.51	L0393	Beausoleil First Nation Public Library	65,332	670
12	FN	90.27	L0418	Shawanaga FN	16,700	185
13	FN	88.66	L0417	Serpent River FN	34,489	389
14	FN	87.99	L0416	Seine River FN	32,117	365
15	FN	86.92	L0415	Saugeen FN	74,400	856
16	FN	76.20	L0390	Alderville FN	24,611	323
17	FN	76.10	L1035	Aundeck-Omni-Kaning FN	29,984	394
18	FN	75.81	L0439	Temagami FN	20,695	273
19	FN	74.85	L0391	Algonquins of Pikwakanagan FN	34,431	460
20	FN	72.52	L0438	Iskatewizaagegan No. 39 FN	26,252	362
21	FN	71.43	L0409	Naoakamegwanning FN	56,000	784
22	FN	67.93	L0402	Curve Lake FN	54,278	799
23	FN	66.82	L0425	Whitefish River FN	28,999	434
24	FN	54.40	L0410	New Credit FN	53,908	991
25	FN	53.91	L0194	Magnetawan Twp	63,987	1,187
26	FN	53.45	L0412	Nipissing FN	54,145	1,013
27	FN	51.27	L1084	Sachigo Lake FN	28,918	564
28	FN	47.65	L0424	Atikameksheng Anishnawbek Band No. 6 FN	20,679	434
29	FN	45.83	L0462	Bkejwanong FN	108,567	2,369
30	FN	45.25	L0134	Mattawa	91,993	2,033
31	FN	43.88	L0459	Mississauga FN	17,201	392
32	FN	43.08	L0397	Chippewas of Kettle & Stony Point FN	58,892	1,367
33	FN	41.71	L0408	Mohawks of Akwesasne FN	411,733	9,871
34	FN	37.77	L0423	Wasauksing FN	15,939	422
35	FN	32.48	L0456	Biigtigong Nishnaabeg	17,249	531
36	FN	29.46	L0411	Chippewas of Nawash FN	22,244	755
37	FN	28.93	L0446	Rainy River FN	13,653	472
38	FN	28.73	L0431	Delaware FN	17,413	606
39	FN	28.08	L0426	Wikwemikong FN	91,802	3,269
40	FN	26.92	L0413	Ojibways of Onigaming FN	13,000	483
41	FN	25.91	L0420	Six Nations FN	332,870	12,848
42	FN	24.10	L0405	Mohawks of the Bay of Quinte FN	52,868	2,194
43	FN	23.35	L0432	Sagamok Anishnawbek FN	37,753	1,617
44	FN	20.68	L0400	Chippewas of the Thames FN	20,701	1,001
45	FN	17.07	L0404	Garden River FN	22,510	1,319

Table 6: Rank Order Table: Electronic Materials Expenditures per capita, by Band, Ontario Public Libraries, 2017

Band 1 (Resident population greater than 250,000)

Rank	Band	Electronic Materials Expenditures per capita			Library Number	Library Name	Electronic Materials Expenditures		Population (Resident)
		\$					\$		
1	1	3.86			L0474	Hamilton	2,156,032	558,397	
2	1	2.30			L0127	Kitchener	580,073	252,520	
3	1	2.17			L0041	Brampton	1,316,906	607,740	
4	1	2.07			L0353	Toronto	5,956,450	2,876,095	
5	1	1.94			L0099	Markham	692,869	356,720	
6	1	1.75			L0245	London	672,428	383,822	
7	1	1.55			L0481	Ottawa	1,518,671	979,173	
8	1	1.37			L0359	Vaughan	354,759	258,703	
9	1	1.08			L0206	Mississauga	832,753	772,000	

Band 2 (Resident population greater than 100,000 and fewer than 250,001)

1	2	4.58			L0043	Barrie	673,265	147,000
2	2	3.03			L0239	Lambton County	384,049	126,638
3	2	2.89			L0027	Whitby	388,939	134,800
4	2	2.86			L0253	Oshawa	475,001	166,000
5	2	2.67			L0121	Chatham-Kent	272,177	102,042
6	2	2.67			L0349	Thunder Bay	287,524	107,909
7	2	2.59			L0470	Greater Sudbury	418,206	161,531
8	2	2.39			L0037	Burlington	419,734	175,438
9	2	2.36			L0025	St. Catharines	314,501	133,113
10	2	2.33			L0153	Essex County	422,540	181,530
11	2	2.28			L0389	Guelph	300,685	131,794
12	2	2.18			L0378	Windsor	473,059	217,188
13	2	2.08			L0294	Richmond Hill	440,486	211,846
14	2	1.98			L0247	Oakville	398,947	201,200
15	2	1.98			L0434	Milton	233,334	117,700
16	2	1.69			L0032	Ajax	215,191	127,400
17	2	1.52			L0213	Kingston-Frontenac County	227,316	150,012
18	2	1.49			L0104	Cambridge	200,029	133,900
19	2	0.70			L0365	Waterloo City	98,565	140,108

Band 3 (Resident population greater than 50,000 and fewer than 100,001)

1	3	3.28			L0340	Pickering	294,659	89,781
2	3	3.06			L0039	Brantford	304,981	99,531
3	3	2.88			L0326	Halton Hills	168,776	58,672
4	3	2.85			L0268	Peterborough	233,728	82,094
5	3	2.76			L0151	Elgin County	138,370	50,069
6	3	2.55			L0049	Caledon	182,365	71,600
7	3	2.52			L0033	Aurora	139,628	55,445
8	3	2.47			L0205	Middlesex County Library	189,519	76,764
9	3	2.34			L0480	Norfolk County	147,488	63,175
10	3	2.03			L0188	Huron County	120,493	59,297
11	3	1.94			L0367	Wellington County	190,485	98,400
12	3	1.91			L0257	Oxford County	128,025	67,124
13	3	1.90			L0113	Clarington, Municipality of	174,951	92,013
14	3	1.67			L0081	Belleville	84,864	50,716
15	3	1.62			L0019	Newmarket	141,831	87,329
16	3	1.43			L0222	Niagara Falls	118,939	82,997
17	3	1.37			L0476	Kawartha Lakes, City of	103,000	75,423
18	3	1.28			L0319	Stormont, Dundas & Glengarry County	83,607	65,353
19	3	1.02			L0270	Waterloo Region	69,107	67,910
20	3	0.98			L0191	Sault Ste. Marie	72,008	73,368
21	3	0.97			L0366	Welland	50,906	52,293
22	3	0.96			L0227	North Bay	49,550	51,553
23	3	0.84			L0072	Georgina	42,500	50,771
24	3	0.50			L0089	Bruce County	30,826	61,119

Table 6: Rank Order Table: Electronic Materials Expenditures per capita, by Band, Ontario Public Libraries, 2017 (continued)

Band 4 (Resident population greater than 30,000 and fewer than 50,001)

Rank	Band	Electronic Materials Expenditures per capita		Library Number	Library Name	Electronic Materials Expenditures		Population (Resident)
		\$				\$		
1	4	2.92		L0156	Fort Erie	89,629		30,710
2	4	2.79		L0269	Stratford	87,824		31,465
3	4	2.53		L0040	Brant County	78,575		31,030
4	4	2.31		L0379	Woodstock	94,603		40,902
5	4	2.29		L0023	Orillia	71,315		31,128
6	4	1.92		L0277	Innisfil	70,349		36,566
7	4	1.83		L0148	Whitchurch-Stouffville	83,802		45,837
8	4	1.79		L0086	Bradford West Gwillimbury Town	64,006		35,688
9	4	1.69		L0473	Haldimand County	77,216		45,608
10	4	1.52		L0315	St. Thomas	63,454		41,813
11	4	1.46		L0256	Owen Sound & North Grey Union	56,074		38,450
12	4	1.44		L0285	Quinte West	62,549		43,577
13	4	1.26		L0047	Cornwall	58,230		46,340
14	4	1.07		L0207	New Tecumseth	36,500		34,242
15	4	0.62		L0351	Timmins	25,834		41,788
16	4	0.47		L0243	Lennox and Addington County	18,459		39,012

Band 5 (Resident population greater than 15,000 and fewer than 30,001)

1	5	3.83		L0185	Huntsville	72,968		19,056
2	5	3.34		L0125	King Twp	81,796		24,512
3	5	1.84		L0147	East Gwillimbury	44,178		23,991
4	5	1.83		L0116	Cobourg	35,654		19,440
5	5	1.66		L0088	Brockville	35,402		21,346
6	5	1.54		L0262	Pelham	24,074		15,641
7	5	1.43		L0024	Port Colborne	26,228		18,306
8	5	1.38		L0276	Prince Edward County	34,049		24,735
9	5	1.28		L0169	Grimsby	34,906		27,314
10	5	1.28		L0022	Midland	21,540		16,864
11	5	1.23		L0387	Essa	25,840		21,083
12	5	1.21		L0074	Orangeville	34,670		28,734
13	5	1.13		L0066	Collingwood	26,122		23,209
14	5	1.11		L0267	Petawawa	18,120		16,290
15	5	1.10		L0433	Lincoln	26,046		23,787
16	5	0.89		L0485	Kenora City	13,483		15,096
17	5	0.87		L0223	Niagara-on-the-Lake	15,307		17,511
18	5	0.83		L0304	Scugog Memorial	15,186		18,218
19	5	0.81		L0120	Clarence-Rockland	19,969		24,782
20	5	0.76		L0300	Russell	12,613		16,520
21	5	0.72		L0228	North Grenville Twp	11,800		16,451
22	5	0.66		L0348	Thorold	12,420		18,801
23	5	0.64		L0309	Selwyn	10,836		17,060
24	5	0.63		L0356	Uxbridge Twp	13,319		21,176
25	5	0.57		L0264	Perth and District Union	10,980		19,368
26	5	0.51		L0259	Springwater Twp	9,703		19,060
27	5	0.48		L0499	Port Hope	8,041		16,753
28	5	0.10		L0364	Wasaga Beach	2,000		20,675

Table 6: Rank Order Table: Electronic Materials Expenditures per capita, by Band, Ontario Public Libraries, 2017 (continued)

Band 6 (Resident population greater than 5,000 and fewer than 15,001)

Rank	Band	Electronic Materials Expenditures per capita	Library		Electronic Materials Expenditures	Population
		\$	Number	Library Name	\$	(Resident)
1	6	3.17	L0157	Fort Frances	24,537	7,739
2	6	2.88	L0362	Wainfleet Twp	18,360	6,372
3	6	2.66	L0498	Rideau Lakes Public Library	24,040	9,050
4	6	2.63	L0031	Sioux Lookout	14,053	5,336
5	6	2.43	L0070	Bracebridge	36,260	14,941
6	6	2.41	L0231	North Perth	31,582	13,130
7	6	2.04	L0466	Brighton Public Library Board	24,101	11,844
8	6	2.03	L0271	St. Marys Public Library	12,577	6,185
9	6	2.02	L0038	Brock Twp	23,457	11,642
10	6	1.65	L0174	Hanover	12,687	7,688
11	6	1.63	L0065	The Blue Mountains	11,441	7,025
12	6	1.62	L0168	Gravenhurst Public Library	19,555	12,055
13	6	1.54	L0071	Pembroke	16,721	10,867
14	6	1.54	L0119	Cramahe Twp	9,756	6,355
15	6	1.51	L0138	Dryden	11,720	7,743
16	6	1.47	L0075	Shelburne	11,963	8,126
17	6	1.45	L0292	Renfrew	11,793	8,155
18	6	1.33	L0048	Carleton Place	14,314	10,764
19	6	1.26	L0477	Leeds and the Thousand Islands Twp	11,931	9,465
20	6	1.23	L0212	Muskoka Lakes Twp	6,545	5,333
21	6	1.14	L1037	Temiskaming Shores	11,873	10,400
22	6	1.04	L0287	Ramara Twp	6,506	6,252
23	6	1.04	L0059	Hawkesbury	10,639	10,263
24	6	1.00	L0209	Smiths Falls	8,813	8,780
25	6	0.96	L0371	West Nipissing	13,854	14,364
26	6	0.93	L0171	Haliburton County	13,537	14,604
27	6	0.89	L0045	Cavan Monaghan Public Library Board, Township of	7,829	8,829
28	6	0.88	L0052	Espanola	4,434	5,048
29	6	0.88	L0160	Gananoque	4,527	5,159
30	6	0.87	L0370	West Lincoln Twp	12,679	14,500
31	6	0.86	L0152	Elliot Lake	9,214	10,741
32	6	0.85	L0210	Mississippi Mills	11,180	13,163
33	6	0.82	L0487	Alnwick/Haldimand Twp	5,659	6,869
34	6	0.82	L0273	Powassan & District Union Public Library	4,960	6,069
35	6	0.79	L0342	Tay Twp	7,883	10,033
36	6	0.75	L0265	Perth East	7,335	9,765
37	6	0.74	L0203	Meaford	8,106	10,990
38	6	0.64	L0126	Kirkland Lake	5,395	8,493
39	6	0.63	L0472	Grey Highlands	5,000	7,927
40	6	0.61	L0108	Champlain Twp	4,575	7,554
41	6	0.60	L0159	Trent Lakes	3,224	5,397
42	6	0.55	L0263	Penetanguishene	4,930	8,962
43	6	0.49	L0091	La Nation	6,314	12,808
44	6	0.46	L0255	Otonabee-South Monaghan Twp	3,072	6,660
45	6	0.45	L0180	Hearst Twp	2,300	5,090
46	6	0.45	L0258	Severn Township Library	5,295	11,719
47	6	0.43	L0014	Arnprior	3,768	8,795
48	6	0.42	L0330	Lanark Highlands	2,251	5,338
49	6	0.41	L0332	Southgate Twp.	2,995	7,354
50	6	0.40	L0467	Edwardsburgh/Cardinal Twp	2,828	7,093
51	6	0.34	L0469	Elizabethtown - Kitley	3,350	9,854
52	6	0.33	L0010	Augusta Twp	2,415	7,353
53	6	0.31	L0095	Parry Sound	1,974	6,321
54	6	0.29	L0336	West Grey Twp	3,602	12,286
55	6	0.28	L0080	Bonnechere Union	1,560	5,528
56	6	0.28	L0165	Oliver Paipoonge	1,634	5,922
57	6	0.27	L0500	Trent Hills	3,417	12,900
58	6	0.22	L0122	Kapuskasing	1,521	7,019
59	6	0.21	L0115	Clearview Twp	3,000	14,151
60	6	0.00	L0004	Alfred & Plantagenet Twp	0	9,680
61	6	0.00	L0355	Tweed	0	6,044
62	6	0.00	L0372	West Perth	0	8,865
63	6	0.00	L0482	Whitewater Region	0	5,920

Table 6: Rank Order Table: Electronic Materials Expenditures per capita, by Band, Ontario Public Libraries, 2017 (continued)

Band 7 (Resident population greater than 2,500 and fewer than 5,001)

Rank	Band	Electronic Materials Expenditures per capita \$	Library Number	Library Name	Electronic Materials Expenditures \$	Population (Resident)
1	7	5.95	L0073	Grand Valley Library Board	15,042	2,530
2	7	2.51	L0290	Red Lake	10,452	4,170
3	7	2.45	L0002	Admaston/Bromley Twp	6,638	2,713
4	7	2.18	L0496	Madawaska Valley Twp	8,078	3,698
5	7	1.76	L0471	Greenstone	8,151	4,636
6	7	1.70	L0011	Atikokan	4,677	2,753
7	7	1.59	L0196	Marathon	5,191	3,273
8	7	1.57	L0448	Front of Yonge Twp	4,310	2,752
9	7	1.46	L0107	Casselman	4,515	3,100
10	7	1.24	L0178	Wawa	3,597	2,905
11	7	1.19	L0384	Laurentian Hills	3,510	2,961
12	7	1.13	L0051	Deep River	4,716	4,193
13	7	1.12	L0117	Cochrane Public Library Board	4,857	4,331
14	7	1.09	L0204	Merrickville-Wolford	2,836	2,605
15	7	1.03	L0058	Havelock-Belmont-Methuen Twp	4,682	4,530
16	7	0.91	L0090	Burk's Falls, Armour & Ryerson Union	2,768	3,043
17	7	0.72	L0145	East Ferris	3,452	4,766
18	7	0.70	L0339	Tyendinaga Twp	3,000	4,297
19	7	0.68	L0018	Athens Twp	2,034	3,013
20	7	0.66	L0062	Bancroft Town	2,545	3,881
21	7	0.56	L0321	Seguin Twp	2,404	4,304
22	7	0.56	L0274	Prescott	2,342	4,222
23	7	0.54	L0478	Greater Madawaska Twp	1,367	2,518
24	7	0.45	L0232	Northeastern Manitoulin and the Islands	1,210	2,712
25	7	0.40	L1036	Callander	1,556	3,863
26	7	0.36	L0475	Hastings Highlands Twp	1,461	4,075
27	7	0.33	L0318	Stirling-Rawdon	1,603	4,882
28	7	0.31	L0303	Sables-Spanish Rivers Twp	1,000	3,214
29	7	0.25	L0136	Douro-Dummer Twp	1,000	3,952
30	7	0.21	L0325	French River	524	2,555
31	7	0.19	L0463	Marmora and Lake Twp	784	4,070
32	7	0.16	L0016	Asphodel-Norwood	644	4,041
33	7	0.12	L0110	Centre Hastings	576	4,774
34	7	0.00	L0238	Lake of Bays Twp	0	3,167
35	7	0.00	L0278	Iroquois Falls	0	4,537

Band 8 (Resident population fewer than 2,501) (partial)

1	8	426.52	L0307	Simcoe County Co-operative	323,726	759
2	8	12.20	L0183	Hilton Union	5,797	475
3	8	9.30	L0020	Mattice-Val Cote Twp	5,802	624
4	8	8.41	L0375	White River Twp	5,424	645
5	8	7.83	L0199	McGarry Twp	4,590	586
6	8	6.31	L0211	Moonbeam Twp	6,559	1,039
7	8	5.89	L0144	Ear Falls Twp	5,857	995
8	8	5.25	L0184	Hornepayne Twp	5,149	980
9	8	5.06	L0450	Tudor & Cashel Twp	2,967	586
10	8	4.88	L0131	Rainy River	3,939	807
11	8	3.88	L0291	Red Rock Twp	3,476	895
12	8	3.88	L0377	Whitestone-Hagerman Memorial	4,000	1,030
13	8	3.82	L0357	Val Rita-Harty Twp	2,909	762
14	8	3.48	L0381	Spanish Twp	2,475	712
15	8	3.28	L0301	Schreiber Twp	3,429	1,047
16	8	3.22	L0327	Ignace	3,866	1,202
17	8	3.17	L0050	Dorion Twp	1,000	316
18	8	3.10	L0179	Head, Clara & Maria	605	195
19	8	2.85	L0123	Kearney & Area	2,516	882
20	8	2.74	L0346	Thessalon	3,520	1,286
21	8	2.24	L0382	North Kawartha Twp	4,905	2,190
22	8	2.15	L0240	Larder Lake Public Library	1,366	635
23	8	1.97	L0374	Westport	1,164	590
24	8	1.95	L0098	Emo Twp	2,600	1,333

Table 6: Rank Order Table: Electronic Materials Expenditures per capita, by Band, Ontario Public Libraries, 2017 (continued)

Band 8 (Resident population fewer than 2,501) (continued)

Rank	Band	Electronic Materials Expenditures per capita		Library Name	Electronic Materials Expenditures		Population (Resident)
		\$	Library Number		\$		
25	8	1.85	L0385	Killaloe, Hagarty & Richards Twp	4,151	2,239	
26	8	1.81	L0102	Cobalt Twp	2,046	1,128	
27	8	1.73	L0427	Dubreuilville Twp	1,060	613	
28	8	1.72	L0225	Nipigon Twp	2,833	1,645	
29	8	1.71	L0428	Mattagami FN	314	184	
30	8	1.67	L0261	Phelps	2,500	1,500	
31	8	1.58	L0082	Billings Twp	950	603	
32	8	1.57	L0112	Chapleau Twp	3,077	1,964	
33	8	1.41	L0106	Carlow/Mayo Public Library	1,218	864	
34	8	1.35	L0447	Markstay-Warren	3,137	2,330	
35	8	1.32	L0200	McKellar Twp	1,392	1,051	
36	8	1.31	L0162	Georgian Bay Twp	2,706	2,063	
37	8	1.29	L0380	Wollaston	867	670	
38	8	1.12	L0109	Central Manitoulin Twp	2,328	2,084	
39	8	1.12	L0312	South River-Machar Union	2,133	1,912	
40	8	1.09	L0044	Bruce Mines & Plummer Additional Union	1,332	1,226	
41	8	1.03	L0497	Loring, Port Loring and District Local Services Board	825	800	
42	8	1.01	L0017	Assignack Twp	1,019	1,013	
43	8	0.92	L0323	Deseronto	1,512	1,645	
44	8	0.91	L0311	South Algonquin Twp	1,000	1,096	
45	8	0.86	L0344	Terrace Bay Twp	1,381	1,611	
46	8	0.85	L0021	Temagami	680	802	
47	8	0.80	L0275	Prince Twp Public Library	805	1,010	
48	8	0.74	L0195	Manitouwadge	1,258	1,706	
49	8	0.67	L0310	Smooth Rock Falls	890	1,330	
50	8	0.67	L0314	St. Joseph Twp	824	1,240	
51	8	0.65	L0005	Addington Highlands Twp	1,139	1,744	
52	8	0.55	L0284	Sundridge-Strong Union	1,255	2,279	
53	8	0.54	L0406	M'Chigeeng FN	528	980	
54	8	0.42	L0313	St. Charles	538	1,269	
55	8	0.40	L0202	Perry Twp	984	2,454	
56	8	0.29	L0189	Huron Shores	489	1,664	
57	8	0.27	L0084	Bonfield	529	1,975	
58	8	0.17	L0429	Blind River	415	2,472	
59	8	0.15	L0465	Gogama LSB	72	475	
60	8	0.15	L0302	Gore Bay Union	250	1,688	
61	8	0.00	L0013	Armstrong Twp	0	1,216	
62	8	0.00	L0054	Englehart	0	1,519	
63	8	0.00	L0055	Fauquier-Strickland Twp	0	536	
64	8	0.00	L0083	Black River-Matheson Twp	0	2,247	
65	8	0.00	L0250	Opasatika	0	226	
66	8	0.00	L0280	James Twp	0	460	
67	8	0.00	L0308	Sioux Narrows Nestor Falls Twp	0	509	
68	8	0.00	L0322	Britt Area	0	940	
69	8	0.00	L0343	Tehkummah Twp	0	436	
70	8	0.00	L0407	Magnetawan FN	0	83	

Table 6: Rank Order Table: Electronic Materials Expenditures per capita, by Band, Ontario Public Libraries, 2017 (continued)

First Nations' Libraries

Rank	Band	Electronic Materials Expenditures		Library Name	Electronic Materials Expenditures		Population (Resident)
		per capita	Library		Expenditures	Population	
		\$	Number		\$		
1	FN	39.64	L0419	Sheshegwaning FN	4,757	120	
2	FN	34.09	L0409	Naotkamegwanning FN	26,726	784	
3	FN	11.41	L1035	Aundeck-Omni-Kaning FN	4,497	394	
4	FN	8.76	L0464	Michipicoten FN	587	67	
5	FN	5.13	L0404	Garden River FN	6,769	1,319	
6	FN	4.67	L0415	Saugeen FN	4,000	856	
7	FN	3.98	L0453	Wahta Mohawk FN	625	157	
8	FN	3.96	L0390	Alderville FN	1,279	323	
9	FN	3.73	L0438	Iskatewizaagegan No. 39 FN	1,350	362	
10	FN	2.85	L0418	Shawanaga FN	528	185	
11	FN	1.90	L0391	Algonquins of Pikwakanagan FN	875	460	
12	FN	1.85	L0134	Mattawa	3,770	2,033	
13	FN	0.46	L0405	Mohawks of the Bay of Quinte FN	1,000	2,194	
14	FN	0.36	L0420	Six Nations FN	4,624	12,848	
15	FN	0.33	L0394	Big Grassy FN	97	294	
16	FN	0.27	L0411	Chippewas of Nawash FN	200	755	
17	FN	0.17	L0194	Magnetawan Twp	200	1,187	
18	FN	0.08	L0402	Curve Lake FN	60	799	
19	FN	0.07	L0432	Sagamok Anishnawbek FN	112	1,617	
20	FN	0.00	L0393	Beausoleil First Nation Public Library	0	670	
21	FN	0.00	L0396	Chippewas of Georgina Island FN	0	206	
22	FN	0.00	L0397	Chippewas of Kettle & Stony Point FN	0	1,367	
23	FN	0.00	L0398	Chippewas of Rama FN	0	742	
24	FN	0.00	L0400	Chippewas of the Thames FN	0	1,001	
25	FN	0.00	L0403	Dokis FN	0	178	
26	FN	0.00	L0408	Mohawks of Akwesasne FN	0	9,871	
27	FN	0.00	L0410	New Credit FN	0	991	
28	FN	0.00	L0412	Nipissing FN	0	1,013	
29	FN	0.00	L0413	Ojibways of Onigaming FN	0	483	
30	FN	0.00	L0416	Seine River FN	0	365	
31	FN	0.00	L0417	Serpent River FN	0	389	
32	FN	0.00	L0422	Thessalon FN	0	110	
33	FN	0.00	L0423	Wasauksing FN	0	422	
34	FN	0.00	L0424	Atikameksheng Anishnawbek Band No. 6 FN	0	434	
35	FN	0.00	L0425	Whitefish River FN	0	434	
36	FN	0.00	L0426	Wikwemikong FN	0	3,269	
37	FN	0.00	L0431	Delaware FN	0	606	
38	FN	0.00	L0439	Temagami FN	0	273	
39	FN	0.00	L0440	Mississaugas of Scugog Island FN	0	54	
40	FN	0.00	L0446	Rainy River FN	0	472	
41	FN	0.00	L0456	Biigtigong Nishnaabeg	0	531	
42	FN	0.00	L0459	Mississauga FN	0	392	
43	FN	0.00	L0460	Henvey Inlet FN	0	195	
44	FN	0.00	L0462	Bkejwanong FN	0	2,369	
45	FN	0.00	L1084	Sachigo Lake FN	0	564	

Table 7: Rank Order Table: Program Attendance per 100 population, by Band, Ontario Public Libraries, 2017

Band 1 (Resident population greater than 250,000)

Rank	Band	Annual Program Attendance Per 100 population	Library Number	Library Name	Annual Program Attendance	Population (Resident)
1	1	49.23	L0245	London	188,958	383,822
2	1	44.44	L0359	Vaughan	114,962	258,703
3	1	36.29	L0099	Markham	129,469	356,720
4	1	34.15	L0474	Hamilton	190,699	558,397
5	1	33.33	L0353	Toronto	958,731	2,876,095
6	1	33.22	L0127	Kitchener	83,882	252,520
7	1	28.03	L0481	Ottawa	274,511	979,173
8	1	20.83	L0206	Mississauga	160,785	772,000
9	1	19.81	L0041	Brampton	120,415	607,740

Band 2 (Resident population greater than 100,000 and fewer than 250,001)

1	2	71.50	L0239	Lambton County	90,549	126,638
2	2	55.80	L0247	Oakville	112,277	201,200
3	2	54.42	L0104	Cambridge	72,871	133,900
4	2	39.90	L0434	Milton	46,959	117,700
5	2	38.51	L0037	Burlington	67,564	175,438
6	2	37.55	L0349	Thunder Bay	40,515	107,909
7	2	37.50	L0389	Guelph	49,424	131,794
8	2	30.85	L0294	Richmond Hill	65,354	211,846
9	2	30.35	L0365	Waterloo City	42,525	140,108
10	2	29.54	L0121	Chatham-Kent	30,139	102,042
11	2	27.61	L0027	Whitby	37,224	134,800
12	2	26.96	L0032	Ajax	34,348	127,400
13	2	25.63	L0213	Kingston-Frontenac County	38,445	150,012
14	2	23.98	L0470	Greater Sudbury	38,729	161,531
15	2	22.89	L0043	Barrie	33,642	147,000
16	2	21.38	L0378	Windsor	46,426	217,188
17	2	20.90	L0253	Oshawa	34,695	166,000
18	2	15.06	L0025	St. Catharines	20,042	133,113
19	2	10.12	L0153	Essex County	18,368	181,530

Band 3 (Resident population greater than 50,000 and fewer than 100,001)

1	3	65.12	L0205	Middlesex County Library	49,985	76,764
2	3	56.36	L0151	Elgin County	28,217	50,069
3	3	52.71	L0480	Norfolk County	33,300	63,175
4	3	49.86	L0188	Huron County	29,564	59,297
5	3	49.59	L0367	Wellington County	48,799	98,400
6	3	48.29	L0089	Bruce County	29,514	61,119
7	3	45.75	L0340	Pickering	41,072	89,781
8	3	44.82	L0257	Oxford County	30,084	67,124
9	3	42.41	L0270	Waterloo Region	28,802	67,910
10	3	37.60	L0326	Halton Hills	22,058	58,672
11	3	37.07	L0072	Georgina	18,820	50,771
12	3	35.63	L0033	Aurora	19,756	55,445
13	3	33.88	L0081	Belleville	17,184	50,716
14	3	32.90	L0222	Niagara Falls	27,310	82,997
15	3	31.20	L0039	Brantford	31,058	99,531
16	3	30.36	L0366	Welland	15,874	52,293
17	3	29.33	L0191	Sault Ste. Marie	21,520	73,368
18	3	28.49	L0113	Clarington, Municipality of	26,216	92,013
19	3	26.02	L0319	Stormont, Dundas & Glengarry County	17,002	65,353
20	3	23.58	L0049	Caledon	16,885	71,600
21	3	21.09	L0476	Kawartha Lakes, City of	15,904	75,423
22	3	17.34	L0019	Newmarket	15,143	87,329
23	3	13.62	L0227	North Bay	7,024	51,553
24	3	9.38	L0268	Peterborough	7,697	82,094

Table 7: Rank Order Table: Program Attendance per 100 population, by Band, Ontario Public Libraries, 2017 (continued)

Band 4 (Resident population greater than 30,000 and fewer than 50,001)

Rank	Band	Annual Program Attendance Per 100 population	Library Number	Library Name	Annual Program Attendance	Population (Resident)
1	4	110.00	L0277	Innisfil	40,223	36,566
2	4	85.04	L0040	Brant County	26,388	31,030
3	4	76.00	L0023	Orillia	23,657	31,128
4	4	75.77	L0086	Bradford West Gwillimbury Town	27,042	35,688
5	4	56.11	L0379	Woodstock	22,951	40,902
6	4	50.75	L0148	Whitchurch-Stouffville	23,261	45,837
7	4	50.58	L0269	Stratford	15,916	31,465
8	4	46.04	L0243	Lennox and Addington County	17,961	39,012
9	4	36.02	L0156	Fort Erie	11,063	30,710
10	4	33.21	L0351	Timmins	13,876	41,788
11	4	31.76	L0207	New Tecumseth	10,875	34,242
12	4	29.53	L0047	Cornwall	13,685	46,340
13	4	27.03	L0256	Owen Sound & North Grey Union	10,392	38,450
14	4	23.65	L0473	Haldimand County	10,788	45,608
15	4	16.44	L0285	Quinte West	7,162	43,577
16	4	13.31	L0315	St. Thomas	5,565	41,813

Band 5 (Resident population greater than 15,000 and fewer than 30,001)

1	5	76.83	L0116	Cobourg	14,936	19,440
2	5	74.43	L0267	Petawawa	12,125	16,290
3	5	61.50	L0185	Huntsville	11,719	19,056
4	5	60.41	L0276	Prince Edward County	14,942	24,735
5	5	57.43	L0228	North Grenville Twp	9,447	16,451
6	5	53.46	L0147	East Gwillimbury	12,825	23,991
7	5	51.34	L0387	Essa	10,825	21,083
8	5	51.24	L0262	Pelham	8,015	15,641
9	5	51.03	L0088	Brockville	10,892	21,346
10	5	50.87	L0304	Scugog Memorial	9,267	18,218
11	5	50.05	L0169	Grimsby	13,670	27,314
12	5	47.68	L0125	King Twp	11,687	24,512
13	5	47.67	L0066	Collingwood	11,064	23,209
14	5	46.27	L0433	Lincoln	11,007	23,787
15	5	44.27	L0309	Selwyn	7,552	17,060
16	5	40.44	L0259	Springwater Twp	7,708	19,060
17	5	37.60	L0300	Russell	6,211	16,520
18	5	36.74	L0356	Uxbridge Twp	7,780	21,176
19	5	35.85	L0348	Thorold	6,740	18,801
20	5	35.06	L0022	Midland	5,913	16,864
21	5	30.62	L0074	Orangeville	8,797	28,734
22	5	28.19	L0364	Wasaga Beach	5,828	20,675
23	5	26.55	L0264	Perth and District Union	5,142	19,368
24	5	24.95	L0485	Kenora City	3,766	15,096
25	5	23.63	L0024	Port Colborne	4,326	18,306
26	5	23.17	L0120	Clarence-Rockland	5,743	24,782
27	5	22.06	L0499	Port Hope	3,695	16,753
28	5	14.82	L0223	Niagara-on-the-Lake	2,596	17,511

Table 7: Rank Order Table: Program Attendance per 100 population, by Band, Ontario Public Libraries, 2017 (continued)

Band 6 (Resident population greater than 5,000 and fewer than 15,001)

Rank	Band	Annual Program Attendance Per 100 population	Library Number	Library Name	Annual Program Attendance	Population (Resident)
1	6	403.32	L0065	The Blue Mountains	28,333	7,025
2	6	181.19	L0157	Fort Frances	14,022	7,739
3	6	120.31	L0165	Oliver Paipoonge	7,125	5,922
4	6	119.43	L0271	St. Marys Public Library	7,387	6,185
5	6	116.85	L0014	Arnprior	10,277	8,795
6	6	109.28	L0273	Powassan & District Union Public Library	6,632	6,069
7	6	101.06	L0203	Meaford	11,106	10,990
8	6	91.97	L0071	Pembroke	9,994	10,867
9	6	81.59	L0362	Wainfleet Twp	5,199	6,372
10	6	80.66	L0174	Hanover	6,201	7,688
11	6	79.54	L0080	Bonnechere Union	4,397	5,528
12	6	78.28	L0075	Shelburne	6,361	8,126
13	6	77.92	L0292	Renfrew	6,354	8,155
14	6	74.82	L0498	Rideau Lakes Public Library	6,771	9,050
15	6	71.62	L0126	Kirkland Lake	6,083	8,493
16	6	71.59	L0115	Clearview Twp	10,130	14,151
17	6	70.59	L0095	Parry Sound	4,462	6,321
18	6	70.40	L0168	Gravenhurst Public Library	8,487	12,055
19	6	67.27	L0119	Cramahe Twp	4,275	6,355
20	6	64.62	L0212	Muskoka Lakes Twp	3,446	5,333
21	6	61.51	L0031	Sioux Lookout	3,282	5,336
22	6	56.47	L0231	North Perth	7,415	13,130
23	6	54.43	L0472	Grey Highlands	4,315	7,927
24	6	54.22	L0048	Carleton Place	5,836	10,764
25	6	51.62	L0159	Trent Lakes	2,786	5,397
26	6	51.21	L0477	Leeds and the Thousand Islands Twp	4,847	9,465
27	6	46.35	L0045	Cavan Monaghan Public Library Board, Township of	4,092	8,829
28	6	45.47	L0500	Trent Hills	5,865	12,900
29	6	44.80	L0287	Ramara Twp	2,801	6,252
30	6	43.28	L0210	Mississippi Mills	5,697	13,163
31	6	42.48	L0138	Dryden	3,289	7,743
32	6	41.10	L0355	Tweed	2,484	6,044
33	6	40.52	L0372	West Perth	3,592	8,865
34	6	39.12	L0052	Espanola	1,975	5,048
35	6	35.99	L0108	Champlain Twp	2,719	7,554
36	6	35.48	L0332	Southgate Twp.	2,609	7,354
37	6	34.54	L0070	Bracebridge	5,160	14,941
38	6	33.37	L0171	Haliburton County	4,874	14,604
39	6	33.19	L0265	Perth East	3,241	9,765
40	6	33.12	L0467	Edwardsburgh/Cardinal Twp	2,349	7,093
41	6	32.00	L0059	Hawkesbury	3,284	10,263
42	6	31.58	L0209	Smiths Falls	2,773	8,780
43	6	26.30	L0466	Brighton Public Library Board	3,115	11,844
44	6	26.15	L0160	Gananoque	1,349	5,159
45	6	26.05	L0255	Otonabee-South Monaghan Twp	1,735	6,660
46	6	25.66	L0336	West Grey Twp	3,153	12,286
47	6	24.15	L0370	West Lincoln Twp	3,502	14,500
48	6	23.76	L0038	Brock Twp	2,766	11,642
49	6	22.39	L1037	Temiskaming Shores	2,329	10,400
50	6	21.65	L0180	Hearst Twp	1,102	5,090
51	6	16.66	L0263	Penetanguishene	1,493	8,962
52	6	16.19	L0342	Tay Twp	1,624	10,033
53	6	13.25	L0469	Elizabethtown - Kitley	1,306	9,854
54	6	13.16	L0152	Elliot Lake	1,414	10,741
55	6	13.12	L0487	Alnwick/Haldimand Twp	901	6,869
56	6	9.76	L0330	Lanark Highlands	521	5,338
57	6	8.58	L0010	Augusta Twp	631	7,353
58	6	7.66	L0122	Kapuskasing	538	7,019
59	6	7.11	L0004	Alfred & Plantagenet Twp	688	9,680
60	6	5.56	L0091	La Nation	712	12,808
61	6	5.06	L0371	West Nipissing	727	14,364
62	6	2.85	L0482	Whitewater Region	169	5,920
63	6	0.22	L0258	Severn Township Library	26	11,719

Table 7: Rank Order Table: Program Attendance per 100 population, by Band, Ontario Public Libraries, 2017 (continued)

Band 7 (Resident population greater than 2,500 and fewer than 5,001)

Rank	Band	Annual Program Attendance Per 100 population	Library Number	Library Name	Annual Program Attendance	Population (Resident)
1	7	280.99	L0238	Lake of Bays Twp	8,899	3,167
2	7	193.52	L0196	Marathon	6,334	3,273
3	7	146.20	L0011	Atikokan	4,025	2,753
4	7	126.77	L0107	Casselman	3,930	3,100
5	7	120.92	L0204	Merrickville-Wolford	3,150	2,605
6	7	104.76	L1036	Callander	4,047	3,863
7	7	99.84	L0325	French River	2,551	2,555
8	7	99.84	L0073	Grand Valley Library Board	2,526	2,530
9	7	72.36	L0117	Cochrane Public Library Board	3,134	4,331
10	7	70.98	L0051	Deep River	2,976	4,193
11	7	58.59	L0178	Wawa	1,702	2,905
12	7	50.07	L0232	Northeastern Manitoulin and the Islands	1,358	2,712
13	7	49.29	L0471	Greenstone	2,285	4,636
14	7	45.23	L0478	Greater Madawaska Twp	1,139	2,518
15	7	39.47	L0339	Tyendinaga Twp	1,696	4,297
16	7	38.23	L0018	Athens Twp	1,152	3,013
17	7	36.91	L0475	Hastings Highlands Twp	1,504	4,075
18	7	36.87	L0090	Burk's Falls, Armour & Ryerson Union	1,122	3,043
19	7	34.55	L0016	Asphodel-Norwood	1,396	4,041
20	7	29.48	L0384	Laurentian Hills	873	2,961
21	7	29.33	L0136	Douro-Dummer Twp	1,159	3,952
22	7	28.43	L0318	Stirling-Rawdon	1,388	4,882
23	7	27.14	L0448	Front of Yonge Twp	747	2,752
24	7	25.18	L0290	Red Lake	1,050	4,170
25	7	23.49	L0463	Marmora and Lake Twp	956	4,070
26	7	22.92	L0278	Iroquois Falls	1,040	4,537
27	7	20.89	L0274	Prescott	882	4,222
28	7	20.44	L0110	Centre Hastings	976	4,774
29	7	17.96	L0145	East Ferris	856	4,766
30	7	17.32	L0062	Bancroft Town	672	3,881
31	7	15.43	L0303	Sables-Spanish Rivers Twp	496	3,214
32	7	12.79	L0496	Madawaska Valley Twp	473	3,698
33	7	12.31	L0002	Admaston/Bromley Twp	334	2,713
34	7	9.36	L0058	Havelock-Belmont-Methuen Twp	424	4,530
35	7	3.83	L0321	Seguin Twp	165	4,304

Band 8 (Resident population fewer than 2,501) (partial)

1	8	728.37	L0406	M'Chigeeng FN	7,138	980
2	8	393.31	L0301	Schreiber Twp	4,118	1,047
3	8	313.43	L0447	Markstay-Warren	7,303	2,330
4	8	254.36	L0179	Head, Clara & Maria	496	195
5	8	191.43	L0184	Hornepayne Twp	1,876	980
6	8	180.47	L0375	White River Twp	1,164	645
7	8	166.85	L0428	Mattagami FN	307	184
8	8	133.57	L0313	St. Charles	1,695	1,269
9	8	120.16	L0240	Larder Lake Public Library	763	635
10	8	116.46	L0050	Dorion Twp	368	316
11	8	114.29	L0054	Englehart	1,736	1,519
12	8	109.83	L0291	Red Rock Twp	983	895
13	8	95.63	L0429	Blind River	2,364	2,472
14	8	91.46	L0377	Whitestone-Hagerman Memorial	942	1,030
15	8	87.78	L0323	Deseronto	1,444	1,645
16	8	72.86	L0211	Moonbeam Twp	757	1,039
17	8	68.70	L0311	South Algonquin Twp	753	1,096
18	8	63.31	L0344	Terrace Bay Twp	1,020	1,611
19	8	60.30	L0312	South River-Machar Union	1,153	1,912
20	8	59.92	L0017	Assiginack Twp	607	1,013
21	8	59.70	L0144	Ear Falls Twp	594	995
22	8	56.08	L0162	Georgian Bay Twp	1,157	2,063
23	8	54.92	L0195	Manitouwadge	937	1,706
24	8	51.96	L0280	James Twp	239	460

Table 7: Rank Order Table: Program Attendance per 100 population, by Band, Ontario Public Libraries, 2017 (continued)

Band 8 (Resident population fewer than 2,501) (continued)

Rank	Band	Annual Program Attendance Per 100 population	Library Number	Library Name	Annual Program Attendance	Population (Resident)
25	8	47.28	L0123	Kearney & Area	417	882
26	8	44.75	L0382	North Kawartha Twp	980	2,190
27	8	38.62	L0020	Mattice-Val Cote Twp	241	624
28	8	37.86	L0189	Huron Shores	630	1,664
29	8	36.61	L0374	Westport	216	590
30	8	36.16	L0346	Thessalon	465	1,286
31	8	35.94	L0275	Prince Twp Public Library	363	1,010
32	8	33.95	L0131	Rainy River	274	807
33	8	31.25	L0497	Loring, Port Loring and District Local Services Board	250	800
34	8	30.30	L0380	Wollaston	203	670
35	8	30.12	L0407	Magnetawan FN	25	83
36	8	29.47	L0183	Hilton Union	140	475
37	8	28.09	L0225	Nipigon Twp	462	1,645
38	8	22.78	L0102	Cobalt Twp	257	1,128
39	8	22.02	L0385	Killaloe, Hagarty & Richards Twp	493	2,239
40	8	21.98	L0200	McKellar Twp	231	1,051
41	8	20.64	L0343	Tehkummah Twp	90	436
42	8	19.35	L0284	Sundridge-Strong Union	441	2,279
43	8	18.09	L0202	Perry Twp	444	2,454
44	8	16.70	L0109	Central Manitoulin Twp	348	2,084
45	8	13.46	L0044	Bruce Mines & Plummer Additional Union	165	1,226
46	8	13.20	L0381	Spanish Twp	94	712
47	8	11.58	L0005	Addington Highlands Twp	202	1,744
48	8	11.40	L0327	Ignace	137	1,202
49	8	11.18	L0098	Emo Twp	149	1,333
50	8	10.92	L0199	McGarry Twp	64	586
51	8	10.68	L0083	Black River-Matheson Twp	240	2,247
52	8	9.52	L0084	Bonfield	188	1,975
53	8	9.33	L0055	Fauquier-Strickland Twp	50	536
54	8	8.35	L0310	Smooth Rock Falls	111	1,330
55	8	7.86	L0021	Temagami	63	802
56	8	6.33	L0013	Armstrong Twp	77	1,216
57	8	6.29	L0308	Sioux Narrows Nestor Falls Twp	32	509
58	8	4.59	L0357	Val Rita-Harty Twp	35	762
59	8	4.18	L0112	Chapleau Twp	82	1,964
60	8	3.98	L0082	Billings Twp	24	603
61	8	2.96	L0302	Gore Bay Union	50	1,688
62	8	2.77	L0307	Simcoe County Co-operative	21	759
63	8	2.77	L0322	Britt Area	26	940
64	8	1.85	L0314	St. Joseph Twp	23	1,240
65	8	1.04	L0106	Carlow/Mayo Public Library	9	864
66	8	1.00	L0261	Phelps	15	1,500
67	8	0.00	L0250	Opasatika	0	226
68	8	0.00	L0427	Dubreuilville Twp	0	613
69	8	0.00	L0450	Tudor & Cashel Twp	0	586
70	8	0.00	L0465	Gogama LSB	0	475

Table 7: Rank Order Table: Program Attendance per 100 population, by Band, Ontario Public Libraries, 2017 (continued)

First Nations' Libraries

Rank	Band	Annual Program Attendance Per 100 population	Library Number	Library Name	Annual Program Attendance	Population (Resident)
1	FN	3,125.73	L0396	Chippewas of Georgina Island FN	6,439	206
2	FN	2,094.47	L0398	Chippewas of Rama FN	15,541	742
3	FN	1,997.05	L0134	Mattawa	40,600	2,033
4	FN	969.12	L0424	Atikameksheng Anishnawbek Band No. 6 FN	4,206	434
5	FN	546.52	L0439	Temagami FN	1,492	273
6	FN	534.55	L0412	Nipissing FN	5,415	1,013
7	FN	338.81	L0464	Michipicoten FN	227	67
8	FN	257.96	L0453	Wahta Mohawk FN	405	157
9	FN	195.86	L0413	Ojibways of Onigaming FN	946	483
10	FN	159.24	L0423	Wasauksing FN	672	422
11	FN	158.36	L0393	Beausoleil First Nation Public Library	1,061	670
12	FN	156.12	L0394	Big Grassy FN	459	294
13	FN	141.18	L0390	Alderville FN	456	323
14	FN	88.88	L0194	Magnetawan Twp	1,055	1,187
15	FN	59.39	L1035	Aundeck-Omni-Kaning FN	234	394
16	FN	51.96	L0462	Bkejwanong FN	1,231	2,369
17	FN	50.95	L0400	Chippewas of the Thames FN	510	1,001
18	FN	48.65	L0418	Shawanaga FN	90	185
19	FN	47.93	L0410	New Credit FN	475	991
20	FN	45.33	L0415	Saugeen FN	388	856
21	FN	42.98	L0426	Wikwemikong FN	1,405	3,269
22	FN	38.67	L0438	Iskatewizaagegan No. 39 FN	140	362
23	FN	35.63	L0397	Chippewas of Kettle & Stony Point FN	487	1,367
24	FN	34.55	L0422	Thessalon FN	38	110
25	FN	33.87	L1084	Sachigo Lake FN	191	564
26	FN	33.15	L0403	Dokis FN	59	178
27	FN	31.89	L0409	Naotkamegwaning FN	250	784
28	FN	21.67	L0419	Sheshegwaning FN	26	120
29	FN	19.87	L0411	Chippewas of Nawash FN	150	755
30	FN	16.76	L0456	Biigtigong Nishnaabeg	89	531
31	FN	16.22	L0404	Garden River FN	214	1,319
32	FN	15.68	L0446	Rainy River FN	74	472
33	FN	15.42	L0417	Serpent River FN	60	389
34	FN	15.18	L0431	Delaware FN	92	606
35	FN	13.04	L0391	Algonquins of Pikwakanagan FN	60	460
36	FN	12.39	L0402	Curve Lake FN	99	799
37	FN	9.59	L0416	Seine River FN	35	365
38	FN	9.26	L0440	Mississaugas of Scugog Island FN	5	54
39	FN	8.79	L0420	Six Nations FN	1,129	12,848
40	FN	4.76	L0432	Sagamok Anishnawbek FN	77	1,617
41	FN	3.24	L0408	Mohawks of Akwesasne FN	320	9,871
42	FN	2.92	L0405	Mohawks of the Bay of Quinte FN	64	2,194
43	FN	2.30	L0459	Mississauga FN	9	392
44	FN	0.00	L0425	Whitefish River FN	0	434
45	FN	0.00	L0460	Henvey Inlet FN	0	195

New Measures of Holdings

Any current data library collection must adapt to new realities in our information environment if the resulting data are to be useful. Managing changes in a library's resources or activities is difficult enough but measuring those changes is also challenging because about every aspect of such changes complicates our already difficult data collection problems.

Data are best when what is being measured is stable. If what is being measured does not change year after year, then procedures can be developed, and staff trained to report underlying data. Data collected one time or in a rapidly-changing environment, on the other hand, are fraught with problems.

But, life and libraries go on. In this section we have analysis of variables not previously discussed in these reports. They are of several types.

Tables 8 and 9 have two examinations of library holdings based on entirely new data collected first for 2016 so this is the second year they are reported here. Rather than waiting a few years, we examine them here. The Ministry has reorganized the way titles held and counts of copies of those titles are reported. There are eight variables:

- C0.1.T Total Print Titles Held**
- C0.2.T Total Print Volumes Held**
- C0.3.1.T Total CD and DVD Titles**
- C0.3.2.T Total CD and DVD Copies**
- C0.3.3.T Total E-book and E-audio Titles**
- C0.3.4.T Total E-book and E-audio Copies**
- C0.4.T Total Special Collections - Original Format**
- C0.5.T Total Special Collections - Digital Format**

The first part of this Table has summaries by band of raw counts of each for the 310 libraries in 2017. The second part has per capita by Band for each of these.

Table 9 is a Rank Order Table for the sum of these three variables:

C0.1.T Total Print Titles Held

C0.3.1.T Total CD and DVD Titles

C0.3.3.T Total E-book and E-audio Titles

This Table is a bit of an experiment. Note that the per capita number of titles appears to increase as the libraries get smaller. That is an interesting result and certainly worthy of a deeper look.

Table 8: Material Holdings, by Band, Ontario Public Libraries, 2017

		Total	Total	Total	Total	Total E-book	Total E-book	Total	Total	Total	
	Total reporting	Print Titles	Print Volumes	CD and DVD	CD and DVD	and E-audio	and E-audio	Special	Special	Databases and	
Band	by band	Held	Held	Titles	Copies	Titles	Copies	Original Format	Digital Format	Subscriptions	
<i>Band 1 (Resident population greater than 250,000)</i>	1	9	6,155,139	15,683,788	608,530	1,855,093	599,622	1,042,298	271,360	248,523	445
<i>Band 2 (Resident population greater than 100,000 and fewer than 250,001)</i>	2	19	3,148,258	4,937,307	982,055	1,276,898	1,598,813	1,820,300	113,378	312,857	577
<i>Band 3 (Resident population greater than 50,000 and fewer than 100,001)</i>	3	24	2,436,552	3,404,967	381,132	508,468	2,597,898	3,586,216	161,333	1,491,797	614
<i>Band 4 (Resident population greater than 30,000 and fewer than 50,001)</i>	4	16	1,309,649	1,575,789	172,640	195,094	1,326,265	1,831,019	30,328	65,147	312
<i>Band 5 (Resident population greater than 15,000 and fewer than 30,001)</i>	5	28	1,233,993	1,357,069	159,938	171,233	1,977,042	2,976,444	24,399	232,903	950
<i>Band 6 (Resident population greater than 5,000 and fewer than 15,001)</i>	6	63	1,915,699	2,087,623	210,669	224,209	4,557,789	7,219,053	58,652	66,830	681
<i>Band 7 (Resident population greater than 2,500 and fewer than 5,001)</i>	7	35	767,323	786,866	64,620	66,008	2,713,347	4,345,710	40,619	126,555	279
<i>Band 8 (Resident population fewer than 2,501)</i>	8	70	801,113	811,596	110,654	111,196	3,564,435	5,478,977	9,879	5,879	1,685
<i>First Nations' Libraries</i>	FN	45	298,566	307,860	14,285	14,965	869,087	1,397,031	4,060	53,788	151
	Totals by variable	309	18,066,292	30,952,865	2,704,523	4,423,164	19,804,298	29,697,048	714,008	2,604,279	5,694

Average per capita Material Holdings by bands

	Total reporting										
Band	by band										
<i>Band 1 (Resident population greater than 250,000)</i>	1	9	0.71	1.77	0.12	0.30	0.10	0.15	0.04	0.04	0.00011
<i>Band 2 (Resident population greater than 100,000 and fewer than 250,001)</i>	2	19	1.12	1.75	0.41	0.51	0.54	0.63	0.04	0.10	0.00021
<i>Band 3 (Resident population greater than 50,000 and fewer than 100,001)</i>	3	24	1.50	2.09	0.23	0.30	1.60	2.23	0.10	0.91	0.00038
<i>Band 4 (Resident population greater than 30,000 and fewer than 50,001)</i>	4	16	2.14	2.59	0.28	0.32	2.12	2.93	0.05	0.11	0.00054
<i>Band 5 (Resident population greater than 15,000 and fewer than 30,001)</i>	5	28	2.23	2.44	0.29	0.31	3.61	5.40	0.05	0.43	0.00163
<i>Band 6 (Resident population greater than 5,000 and fewer than 15,001)</i>	6	63	3.55	3.82	0.38	0.40	8.93	14.17	0.13	0.13	0.00130
<i>Band 7 (Resident population greater than 2,500 and fewer than 5,001)</i>	7	35	5.97	6.14	0.52	0.53	22.20	35.55	0.41	1.01	0.00234
<i>Band 8 (Resident population fewer than 2,501)</i>	8	70	12.39	12.57	1.75	1.74	53.17	80.32	0.11	0.06	0.04083
<i>First Nations' Libraries</i>	FN	45	11.34	11.60	0.76	0.78	66.01	106.10	0.19	0.18	0.00746
	Average of bands by variable	309	4.55	4.98	0.53	0.58	17.59	27.50	0.12	0.33	0.00609

Table 9: Rank Order Table: Titles Held, by Band, Ontario Public Libraries, 2017

Band 1 (Resident population greater than 250,000)

Rank	Band	Titles Held	Library Number	Library Name	Total Print Titles Held	Total CD and DVD Titles	Total E-book and E-audio Titles
1	1	4,406,442	L0353	Toronto	4,028,280	182,556	195,606
2	1	511,854	L0481	Ottawa	392,507	61,293	58,054
3	1	502,255	L0099	Markham	352,511	58,787	90,957
4	1	393,756	L0245	London	311,493	55,404	26,859
5	1	375,212	L0474	Hamilton	209,155	76,041	90,016
6	1	310,130	L0127	Kitchener	234,581	40,214	35,335
7	1	303,830	L0206	Mississauga	219,418	45,534	38,878
8	1	296,897	L0359	Vaughan	227,370	60,402	9,125
9	1	262,915	L0041	Brampton	179,824	28,299	54,792

Band 2 (Resident population greater than 100,000 and fewer than 250,001)

1	2	684,541	L0349	Thunder Bay	139,957	465,927	78,657
2	2	627,727	L0470	Greater Sudbury	113,130	30,394	484,203
3	2	546,996	L0253	Oshawa	185,318	54,037	307,641
4	2	437,892	L0294	Richmond Hill	238,173	31,875	167,844
5	2	322,315	L0037	Burlington	233,138	41,303	47,874
6	2	296,121	L0153	Essex County	176,343	17,454	102,324
7	2	292,563	L0365	Waterloo City	236,540	21,147	34,876
8	2	263,690	L0121	Chatham-Kent	147,162	20,009	96,519
9	2	244,475	L0378	Windsor	182,159	31,743	30,573
10	2	234,881	L0025	St. Catharines	190,534	38,209	6,138
11	2	232,204	L0213	Kingston-Frontenac County	186,831	32,392	12,981
12	2	223,619	L0043	Barrie	143,030	28,398	52,191
13	2	218,567	L0239	Lambton County	162,867	27,442	28,258
14	2	211,819	L0389	Guelph	168,096	27,624	16,099
15	2	202,357	L0247	Oakville	136,979	31,892	33,486
16	2	190,284	L0027	Whitby	158,683	19,223	12,378
17	2	167,424	L0032	Ajax	116,784	25,232	25,408
18	2	166,113	L0104	Cambridge	113,699	18,602	33,812
19	2	165,538	L0434	Milton	118,835	19,152	27,551

Band 3 (Resident population greater than 50,000 and fewer than 100,001)

1	3	507,433	L0049	Caledon	65,060	12,450	429,923
2	3	476,139	L0476	Kawartha Lakes, City of	126,916	17,131	332,092
3	3	320,070	L0340	Pickering	114,334	36,281	169,455
4	3	319,593	L0033	Aurora	122,674	14,589	182,330
5	3	274,104	L0019	Newmarket	164,960	14,196	94,948
6	3	241,996	L0188	Huron County	142,962	19,127	79,907
7	3	237,978	L0268	Peterborough	126,123	21,863	89,992
8	3	221,354	L0367	Wellington County	117,414	24,040	79,900
9	3	218,614	L0227	North Bay	123,291	16,666	78,657
10	3	207,075	L0151	Elgin County	97,679	15,084	94,312
11	3	200,432	L0072	Georgina	107,055	13,972	79,405
12	3	199,848	L0039	Brantford	146,032	15,825	37,991
13	3	196,007	L0191	Sault Ste. Marie	101,248	14,101	80,658
14	3	193,959	L0366	Welland	98,224	11,617	84,118
15	3	193,169	L0222	Niagara Falls	90,807	21,488	80,874
16	3	189,698	L0326	Halton Hills	92,279	18,552	78,867
17	3	189,679	L0257	Oxford County	91,222	10,344	88,113
18	3	179,709	L0480	Norfolk County	68,843	13,251	97,615
19	3	177,492	L0113	Clarington, Municipality of	77,697	10,058	89,737
20	3	165,574	L0089	Bruce County	71,454	15,425	78,695
21	3	161,610	L0081	Belleville	71,449	7,785	82,376
22	3	149,174	L0270	Waterloo Region	92,055	14,298	42,821
23	3	122,483	L0205	Middlesex County Library	72,210	12,730	37,543
24	3	72,392	L0319	Stormont, Dundas & Glengarry County	54,564	10,259	7,569

Table 9: Rank Order Table: Titles Held, by Band, Ontario Public Libraries, 2017 (continued)

Band 4 (Resident population greater than 30,000 and fewer than 50,001)

Rank	Band	Titles Held	Library Number	Library Name	Total Print Titles Held	Total CD and DVD Titles	Total E-book and E-audio Titles
1	4	450,161	L0243	Lennox and Addington County	71,330	4,960	373,871
2	4	212,183	L0047	Cornwall	111,808	14,219	86,156
3	4	197,170	L0351	Timmins	105,681	6,329	85,160
4	4	193,527	L0285	Quinte West	103,043	11,767	78,717
5	4	192,364	L0473	Haldimand County	95,928	15,302	81,134
6	4	184,521	L0148	Whitchurch-Stouffville	77,186	11,170	96,165
7	4	183,239	L0379	Woodstock	84,422	19,464	79,353
8	4	180,818	L0315	St. Thomas	92,922	9,239	78,657
9	4	166,990	L0256	Owen Sound & North Grey Union	79,687	8,646	78,657
10	4	161,898	L0156	Fort Erie	77,364	5,877	78,657
11	4	156,820	L0023	Orillia	68,740	9,153	78,927
12	4	130,461	L0086	Bradford West Gwillimbury Town	81,812	15,079	33,570
13	4	115,053	L0277	Innisfil	53,251	12,619	49,183
14	4	112,443	L0269	Stratford	66,616	11,011	34,816
15	4	85,589	L0040	Brant County	68,910	10,752	5,927
16	4	85,317	L0207	New Tecumseth	70,949	7,053	7,315

Band 5 (Resident population greater than 15,000 and fewer than 30,001)

1	5	210,917	L0147	East Gwillimbury	42,164	8,798	159,955
2	5	206,223	L0485	Kenora City	52,844	6,581	146,798
3	5	168,197	L0348	Thorold	74,539	4,136	89,522
4	5	156,708	L0433	Lincoln	78,051	0	78,657
5	5	154,754	L0074	Orangeville	65,820	8,886	80,048
6	5	143,764	L0356	Uxbridge Twp	56,390	8,606	78,768
7	5	141,843	L0116	Cobourg	51,018	12,168	78,657
8	5	139,352	L0499	Port Hope	49,984	10,711	78,657
9	5	135,930	L0024	Port Colborne	49,789	7,045	79,096
10	5	135,121	L0125	King Twp	41,439	8,102	85,580
11	5	134,828	L0267	Petawawa	50,985	5,186	78,657
12	5	134,134	L0185	Huntsville	49,361	6,116	78,657
13	5	128,727	L0300	Russell	40,325	4,176	84,226
14	5	127,266	L0228	North Grenville Twp	35,841	2,038	89,387
15	5	126,888	L0304	Scugog Memorial	44,369	3,862	78,657
16	5	125,647	L0309	Selwyn	40,697	6,301	78,649
17	5	124,431	L0169	Grimsby	41,681	4,093	78,657
18	5	123,374	L0088	Brockville	39,171	5,200	79,003
19	5	119,143	L0120	Clarence-Rockland	33,566	1,967	83,610
20	5	119,061	L0264	Perth and District Union	35,055	5,224	78,782
21	5	118,913	L0262	Pelham	35,016	5,240	78,657
22	5	116,120	L0276	Prince Edward County	33,015	3,818	79,287
23	5	71,962	L0066	Collingwood	51,536	7,820	12,606
24	5	51,307	L0259	Springwater Twp	33,848	4,853	12,606
25	5	45,797	L0387	Essa	33,653	7,951	4,193
26	5	43,713	L0022	Midland	26,481	4,949	12,283
27	5	34,489	L0364	Wasaga Beach	19,482	2,401	12,606
28	5	32,364	L0223	Niagara-on-the-Lake	27,873	3,710	781

Table 9: Rank Order Table: Titles Held, by Band, Ontario Public Libraries, 2017 (continued)

Band 6 (Resident population greater than 5,000 and fewer than 15,001)

Rank	Band	Titles Held	Library Number	Library Name	Total Print Titles Held	Total CD and DVD Titles	Total E-book and E-audio Titles
1	6	147,484	L1037	Temiskaming Shores	48,785	4,659	94,040
2	6	147,395	L0071	Pembroke	58,924	9,774	78,697
3	6	144,211	L0059	Hawkesbury	60,560	0	83,651
4	6	139,757	L0168	Gravenhurst Public Library	43,349	6,595	89,813
5	6	134,798	L0091	La Nation	50,403	744	83,651
6	6	133,318	L0210	Mississippi Mills	46,122	8,389	78,807
7	6	132,932	L0014	Arnprior	51,678	2,597	78,657
8	6	132,415	L0371	West Nipissing	38,229	5,027	89,159
9	6	131,557	L0209	Smiths Falls	39,906	2,605	89,046
10	6	129,481	L0157	Fort Frances	42,663	6,325	80,493
11	6	128,607	L0095	Parry Sound	45,428	4,522	78,657
12	6	127,302	L0075	Shelburne	42,267	5,109	79,926
13	6	125,922	L0048	Carleton Place	39,540	2,731	83,651
14	6	124,992	L0038	Brock Twp	42,122	4,017	78,853
15	6	121,510	L0171	Haliburton County	37,062	5,791	78,657
16	6	121,448	L0370	West Lincoln Twp	38,432	4,359	78,657
17	6	121,167	L0174	Hanover	26,869	5,252	89,046
18	6	120,733	L0500	Trent Hills	39,211	2,865	78,657
19	6	119,977	L0203	Meaford	37,584	3,549	78,844
20	6	119,361	L0212	Muskoka Lakes Twp	37,070	3,634	78,657
21	6	118,749	L0045	Cavan Monaghan Public Library Board, Township of	25,932	4,160	88,657
22	6	118,294	L0126	Kirkland Lake	36,856	2,781	78,657
23	6	118,003	L0052	Espanola	34,852	4,494	78,657
24	6	117,994	L0255	Otonabee-South Monaghan Twp	36,396	2,939	78,659
25	6	117,321	L0070	Bracebridge	33,164	5,338	78,819
26	6	116,687	L0004	Alfred & Plantagenet Twp	34,943	3,087	78,657
27	6	114,889	L0469	Elizabethtown - Kitley	35,132	1,100	78,657
28	6	114,086	L0487	Alnwick/Haldimand Twp	29,205	1,365	83,516
29	6	114,077	L0362	Wainfleet Twp	24,362	3,653	86,062
30	6	112,899	L0498	Rideau Lakes Public Library	30,749	3,117	79,033
31	6	112,853	L0472	Grey Highlands	31,785	2,353	78,715
32	6	112,111	L0065	The Blue Mountains	29,719	2,939	79,453
33	6	111,875	L0138	Dryden	27,904	5,314	78,657
34	6	111,837	L0258	Severn Township Library	14,561	3,881	93,395
35	6	109,396	L0482	Whitewater Region	28,260	2,520	78,616
36	6	108,740	L0467	Edwardsburgh/Cardinal Twp	29,765	318	78,657
37	6	107,939	L0152	Elliot Lake	26,305	2,563	79,071
38	6	107,076	L0292	Renfrew	25,865	2,554	78,657
39	6	106,899	L0466	Brighton Public Library Board	23,808	4,106	78,985
40	6	104,322	L0119	Cramahe Twp	21,564	4,101	78,657
41	6	103,915	L0336	West Grey Twp	23,017	2,241	78,657
42	6	102,726	L0031	Sioux Lookout	21,479	2,631	78,616
43	6	101,390	L0330	Lanark Highlands	21,834	899	78,657
44	6	100,170	L0010	Augusta Twp	19,639	1,874	78,657
45	6	98,048	L0477	Leeds and the Thousand Islands Twp	17,075	1,946	79,027
46	6	97,487	L0080	Bonnechere Union	17,066	1,764	78,657
47	6	97,020	L0355	Tweed	17,345	1,018	78,657
48	6	96,741	L0160	Gananoque	17,034	1,050	78,657
49	6	96,594	L0159	Trent Lakes	16,031	1,906	78,657
50	6	96,226	L0108	Champlain Twp	15,960	1,609	78,657
51	6	96,196	L0332	Southgate Twp.	16,231	1,298	78,667
52	6	94,642	L0273	Powassan & District Union Public Library	15,352	1,292	77,998
53	6	94,597	L0165	Oliver Paipoonge	12,909	3,031	78,657
54	6	83,721	L0122	Kapusking	70	0	83,651
55	6	75,411	L0231	North Perth	36,356	5,243	33,812
56	6	63,742	L0271	St. Marys Public Library	28,866	1,064	33,812
57	6	60,226	L0115	Clearview Twp	36,908	10,823	12,495
58	6	57,453	L0265	Perth East	20,792	2,849	33,812
59	6	53,685	L0342	Tay Twp	34,328	6,751	12,606
60	6	51,748	L0372	West Perth	16,264	1,672	33,812
61	6	43,798	L0263	Penetanguishene	25,927	5,265	12,606
62	6	33,382	L0287	Ramara Twp	18,235	2,541	12,606
63	6	24,825	L0180	Hearst Twp	19,650	675	4,500

Table 9: Rank Order Table: Titles Held, by Band, Ontario Public Libraries, 2017 (continued)

Band 7 (Resident population greater than 2,500 and fewer than 5,001)

Rank	Band	Titles Held	Library Number	Library Name	Total Print Titles Held	Total CD and DVD Titles	Total E-book and E-audio Titles
1	7	166,192	L0471	Greenstone	84,120	3,111	78,961
2	7	159,642	L0321	Seguin Twp	32,090	4,435	123,117
3	7	138,127	L0051	Deep River	56,322	3,148	78,657
4	7	114,885	L0058	Havelock-Belmont-Methuen Twp	34,091	2,137	78,657
5	7	112,509	L0011	Atikokan	32,044	1,808	78,657
6	7	112,353	L0274	Prescott	32,109	1,587	78,657
7	7	112,199	L0117	Cochrane Public Library Board	30,423	3,119	78,657
8	7	110,209	L0073	Grand Valley Library Board	17,418	3,367	89,424
9	7	109,334	L0238	Lake of Bays Twp	26,287	4,390	78,657
10	7	109,263	L0278	Iroquois Falls	29,695	911	78,657
11	7	107,541	L0339	Tyendinaga Twp	27,857	1,027	78,657
12	7	105,611	L0290	Red Lake	25,166	1,788	78,657
13	7	105,227	L0204	Merrickville-Wolford	23,663	2,900	78,664
14	7	104,681	L0318	Stirling-Rawdon	23,507	2,517	78,657
15	7	104,591	L0496	Madawaska Valley Twp	24,755	1,179	78,657
16	7	99,083	L0062	Bancroft Town	18,987	1,439	78,657
17	7	98,498	L0303	Sables-Spanish Rivers Twp	17,305	2,536	78,657
18	7	98,139	L0384	Laurentian Hills	18,512	970	78,657
19	7	98,078	L0145	East Ferris	12,208	1,952	83,918
20	7	96,664	L0110	Centre Hastings	16,348	1,659	78,657
21	7	96,088	L0463	Marmora and Lake Twp	14,769	1,562	79,757
22	7	93,909	L0136	Douro-Dummer Twp	13,028	820	80,061
23	7	93,831	L0016	Asphodel-Norwood	14,428	746	78,657
24	7	92,805	L0478	Greater Madawaska Twp	13,754	404	78,647
25	7	92,743	L0090	Burk's Falls, Armour & Ryerson Union	11,650	2,436	78,657
26	7	92,292	L1036	Callander	12,407	1,228	78,657
27	7	91,471	L0232	Northeastern Manitoulin and the Islands	11,065	1,749	78,657
28	7	91,334	L0325	French River	19,462	1,246	70,626
29	7	90,282	L0475	Hastings Highlands Twp	10,032	1,593	78,657
30	7	89,441	L0448	Front of Yonge Twp	9,997	787	78,657
31	7	88,600	L0002	Admaston/Bromley Twp	8,834	975	78,791
32	7	88,383	L0018	Athens Twp	9,389	337	78,657
33	7	84,494	L0178	Wawa	12,562	1,831	70,101
34	7	75,102	L0196	Marathon	3,131	1,610	70,361
35	7	21,689	L0107	Casselman	19,908	1,316	465

Band 8 (Resident population fewer than 2,501) (partial)

1	8	144,482	L0131	Rainy River	13,908	3,172	127,402
2	8	106,858	L0211	Moonbeam Twp	18,230	2,234	86,394
3	8	105,140	L0112	Chapleau Twp	19,894	1,595	83,651
4	8	100,797	L0429	Blind River	18,107	1,538	81,152
5	8	100,233	L0323	Deseronto	19,993	1,583	78,657
6	8	99,647	L0311	South Algonquin Twp	20,470	520	78,657
7	8	96,800	L0225	Nipigon Twp	16,180	2,622	77,998
8	8	96,578	L0195	Manitouawadge	25,536	681	70,361
9	8	96,329	L0344	Terrace Bay Twp	16,748	924	78,657
10	8	95,562	L0144	Ear Falls Twp	15,862	958	78,742
11	8	95,324	L0291	Red Rock Twp	15,339	1,215	78,770
12	8	94,851	L0054	Englehart	21,547	2,943	70,361
13	8	94,171	L0301	Schreiber Twp	12,863	2,651	78,657
14	8	93,701	L0374	Westport	14,595	449	78,657
15	8	93,536	L0375	White River Twp	12,725	2,154	78,657
16	8	93,126	L0382	North Kawartha Twp	12,337	2,132	78,657
17	8	92,986	L0098	Emo Twp	12,075	2,254	78,657
18	8	92,952	L0377	Whitestone-Hagerman Memorial	12,095	2,200	78,657
19	8	92,803	L0302	Gore Bay Union	13,442	704	78,657
20	8	92,426	L0240	Larder Lake Public Library	12,545	1,214	78,667
21	8	92,229	L0447	Markstay-Warren	12,136	1,398	78,695
22	8	91,990	L0346	Thessalon	12,633	700	78,657
23	8	91,863	L0385	Killaloe, Hagarty & Richards Twp	10,646	2,560	78,657
24	8	91,611	L0202	Perry Twp	12,286	563	78,762

Table 9: Rank Order Table: Titles Held, by Band, Ontario Public Libraries, 2017 (continued)

Band 8 (Resident population fewer than 2,501) (continued)

Rank	Band	Titles Held	Library Number	Library Name	Total Print Titles Held	Total CD and DVD Titles	Total E-book and E-audio Titles
25	8	91,524	L0327	Ignace	11,776	1,091	78,657
26	8	91,175	L0284	Sundridge-Strong Union	11,364	1,154	78,657
27	8	90,258	L0084	Bonfield	10,784	652	78,822
28	8	90,224	L0044	Bruce Mines & Plummer Additional Union	10,144	1,433	78,647
29	8	89,372	L0102	Cobalt Twp	9,840	875	78,657
30	8	89,189	L0083	Black River-Matheson Twp	13,356	1,270	74,563
31	8	88,966	L0381	Spanish Twp	8,852	1,158	78,956
32	8	88,684	L0280	James Twp	9,248	779	78,657
33	8	88,648	L0123	Kearney & Area	8,670	1,321	78,657
34	8	88,449	L0200	McKellar Twp	8,741	1,051	78,657
35	8	88,317	L0314	St. Joseph Twp	8,782	878	78,657
36	8	87,686	L0184	Hornepayne Twp	7,651	1,298	78,737
37	8	87,607	L0183	Hilton Union	8,500	450	78,657
38	8	86,517	L0312	South River-Machar Union	7,407	453	78,657
39	8	86,444	L0021	Temagami	7,190	597	78,657
40	8	86,365	L0082	Billings Twp	6,656	1,052	78,657
41	8	86,253	L0380	Wollaston	6,410	1,186	78,657
42	8	84,972	L0275	Prince Twp Public Library	5,941	374	78,657
43	8	84,567	L0106	Carlow/Mayo Public Library	5,195	715	78,657
44	8	82,851	L0179	Head, Clara & Maria	3,592	602	78,657
45	8	59,611	L0307	Simcoe County Co-operative	20,002	27,003	12,606
46	8	35,808	L0162	Georgian Bay Twp	20,308	2,820	12,680
47	8	22,990	L0055	Fauquier-Strickland Twp	15,053	2,943	4,994
48	8	20,441	L0310	Smooth Rock Falls	17,388	3,053	0
49	8	19,708	L0427	Dubreuilville Twp	878	25	18,805
50	8	19,130	L0109	Central Manitoulin Twp	18,203	927	0
51	8	17,083	L0005	Addington Highlands Twp	15,168	1,915	0
52	8	16,237	L0020	Mattice-Val Cote Twp	9,555	938	5,744
53	8	16,221	L0357	Val Rita-Harty Twp	9,512	1,715	4,994
54	8	14,125	L0343	Tehkummah Twp	13,825	300	0
55	8	12,550	L0050	Dorion Twp	11,958	592	0
56	8	12,385	L0017	Assignack Twp	11,248	1,137	0
57	8	12,087	L0406	M'Chigeeng FN	12,073	14	0
58	8	10,780	L0261	Phelps	9,630	1,150	0
59	8	10,560	L0250	Opatatika	10,560	0	0
60	8	10,500	L0497	Loring, Port Loring and District Local Services Board	9,300	1,200	0
61	8	10,310	L0308	Sioux Narrows Nestor Falls Twp	8,494	1,816	0
62	8	9,471	L0313	St. Charles	8,852	522	97
63	8	8,425	L0199	McGarry Twp	5,735	2,690	0
64	8	8,234	L0322	Britt Area	8,066	78	90
65	8	6,930	L0450	Tudor & Cashel Twp	6,458	472	0
66	8	6,695	L0013	Armstrong Twp	5,466	1,229	0
67	8	6,235	L0189	Huron Shores	5,931	298	6
68	8	4,608	L0428	Mattagami FN	4,427	181	0
69	8	730	L0407	Magnetawan FN	710	20	0
70	8	285	L0465	Gogama LSB	22	263	0

Table 9: Rank Order Table: Titles Held, by Band, Ontario Public Libraries, 2017 (continued)

First Nations' Libraries

Rank	Band	Titles Held	Library Number	Library Name	Total	Total	Total E-book
					Print Titles Held	CD and DVD Titles	and E-audio Titles
1	FN	108,032	L0420	Six Nations FN	29,105	270	78,657
2	FN	89,570	L0194	Magnetawan Twp	10,400	513	78,657
3	FN	88,530	L0423	Wasauksing FN	8,823	1,050	78,657
4	FN	86,972	L0405	Mohawks of the Bay of Quinte FN	8,054	269	78,649
5	FN	85,856	L0415	Saugeen FN	6,787	412	78,657
6	FN	85,807	L0453	Wahta Mohawk FN	7,050	100	78,657
7	FN	84,365	L0390	Alderville FN	5,628	80	78,657
8	FN	83,881	L0402	Curve Lake FN	4,788	436	78,657
9	FN	79,792	L1035	Aundeck-Omni-Kaning FN	935	200	78,657
10	FN	78,747	L0464	Michipicoten FN	32	58	78,657
11	FN	75,311	L0396	Chippewas of Georgina Island FN	4,950	0	70,361
12	FN	42,618	L0134	Mattawa	41,598	730	290
13	FN	21,227	L0408	Mohawks of Akwesasne FN	21,227	0	0
14	FN	17,801	L0398	Chippewas of Rama FN	15,901	1,900	0
15	FN	11,956	L0404	Garden River FN	2,993	8	8,955
16	FN	11,693	L1084	Sachigo Lake FN	11,510	183	0
17	FN	9,737	L0462	Bkejwanong FN	9,138	598	1
18	FN	9,245	L0416	Seine River FN	8,116	1,129	0
19	FN	8,746	L0426	Wikwemikong FN	8,195	551	0
20	FN	8,579	L0394	Big Grassy FN	8,579	0	0
21	FN	8,400	L0409	Naothamegwanning FN	8,350	50	0
22	FN	7,835	L0393	Beausoleil First Nation Public Library	6,888	947	0
23	FN	7,394	L0403	Dokis FN	4,385	360	2,649
24	FN	6,034	L0439	Temagami FN	5,017	1,008	9
25	FN	6,019	L0432	Sagamok Anishnawbek FN	5,644	375	0
26	FN	5,371	L0391	Algonquins of Pikwakanagan FN	5,256	115	0
27	FN	4,646	L0417	Serpent River FN	4,446	200	0
28	FN	4,475	L0431	Delaware FN	4,170	304	1
29	FN	4,123	L0459	Mississauga FN	3,699	375	49
30	FN	4,091	L0400	Chippewas of the Thames FN	4,059	32	0
31	FN	4,017	L0412	Nipissing FN	4,017	0	0
32	FN	3,588	L0418	Shawanaga FN	3,588	0	0
33	FN	3,500	L0413	Ojibways of Onigaming FN	3,200	300	0
34	FN	3,494	L0438	Iskatewizaagegan No. 39 FN	3,479	15	0
35	FN	2,680	L0460	Henvey Inlet FN	2,680	0	0
36	FN	2,570	L0419	Sheshegwaning FN	2,020	550	0
37	FN	2,457	L0410	New Credit FN	2,443	14	0
38	FN	2,436	L0422	Thessalon FN	2,027	409	0
39	FN	2,060	L0425	Whitefish River FN	2,000	60	0
40	FN	1,932	L0440	Mississaugas of Scugog Island FN	1,659	63	210
41	FN	1,901	L0446	Rainy River FN	1,510	391	0
42	FN	1,871	L0456	Biigtigong Nishnaabeg	1,842	29	0
43	FN	1,529	L0397	Chippewas of Kettle & Stony Point FN	1,378	151	0
44	FN	900	L0424	Atikameksheng Anishnawbek Band No. 6 FN	900	0	0
45	FN	150	L0411	Chippewas of Nawash FN	100	50	0

Program Details

Tables 10 and 11 have data collected and reported for several years that we examine here for the first time

Table 10 reports on programs offered by the libraries and the attendance at them. This table is greatly expanded from the two pages in the earlier report to include program details on each Band's libraries.

There are 22 categories of programs reported. We know from previous reports that the aggregate data on programs: total programs offered by the libraries and total attendance at these programs have increased steadily in recent years. What Table 10 does is examine 22 disaggregated program variables—most of which have been collected since 2011—that present details of those aggregates. This table has summaries from the 301 libraries reporting each year of those 22 variables by the number of programs offered and by the total attendance. This is a first look at these data. The reader will note that some numbers jump around and have peculiar year-to-year changes. This is the way new numbers behave. As methods improve and libraries adapt to this rapidly growing initiative, the numbers settle down.

Programs offered and attendance at Ontario Public Libraries, 2011-2017

Summary data

Totals by year, by program

	YEAR								Totals By Program	
	# of libraries reporting program data, 2011-2017	2011	2012	2013	2014	2015	2016	2017	Total Offered	Total Attendance
F2.301.Attendance - Early literacy and Early learning		7,574	23,798	19,873	26,690	24,341	1,324,853	1,295,496		
F2.301.Programs - Early literacy and Early learning (Number offered)		601	943	1,064	1,425	1,134	62,619	66,178	133,964	2,722,625
F2.302.Attendance - Other Children's programming		456,572	567,247	632,725	759,622	789,900	852,839	903,943		4,962,848
F2.302.Programs - Other Children's programming (Number offered)		23,663	30,614	29,617	35,861	38,947	40,851	41,083	240,636	
F2.303.Attendance - Summer Reading		274,951	320,834	336,797	312,544	329,946	343,684	344,605		2,263,361
F2.303.Programs - Summer Reading (Number offered)		11,163	10,303	11,673	11,608	13,566	14,373	13,123	85,809	
F2.304.Attendance - Homework help		51,693	48,099	46,648	61,351	60,795	59,815	57,770		386,171
F2.304.Programs - Homework help (Number offered)		7,454	7,425	6,108	10,568	12,331	10,225	8,839	62,950	
F2.305.Attendance - Class instruction at a library or school		403,404	477,673	480,097	451,166	457,482	476,490	489,138		3,235,450
F2.305.Programs - Class instruction at a library or school		14,795	16,308	17,250	15,858	14,890	15,487	16,122	110,710	
F2.306.Attendance - Teen programming		143,376	129,466	140,235	142,678	162,288	186,794	218,872		1,123,709
F2.306.Programs - Teen programming (Number offered)		9,044	11,238	9,950	11,689	12,053	13,626	14,717	82,317	
F2.307.Attendance - Newcomer focus		135,993	159,461	168,137	151,946	149,184	126,219	155,409		1,046,349
F2.307.Programs - Newcomer focus (Number offered)		7,528	9,835	10,120	8,628	8,011	7,154	9,142	60,418	
F2.308.Attendance - Careers, job help / skills		6,727	13,356	11,184	13,399	17,795	15,955	15,211		93,627
F2.308.Programs - Careers, job help / skills (Number offered)		1,022	1,466	1,540	1,474	2,203	1,680	2,007	11,392	
F2.309.Attendance - Business Development		4,750	10,987	11,229	14,265	16,584	15,514	17,608		90,937
F2.309.Programs - Business Development (Number offered)		513	1,301	936	830	925	800	1,119	6,424	
F2.310.Attendance - Community Development		41,875	54,579	79,127	64,821	100,892	89,641	118,387		549,322
F2.310.Programs - Community Development (Number offered)		1,441	1,991	3,990	4,529	5,326	2,656	3,380	23,313	
F2.311.Attendance - Technology, social media and computer literacy		51,693	64,536	74,327	88,580	85,754	87,420	95,128		547,438
F2.311.Programs - Technology, social media and computer literacy (Number offered)		11,602	14,107	17,954	19,312	20,195	18,685	19,992	121,847	
F2.311a.Attendance Maker space, Digital media lab, Self-publishing						40,041	76,812	139,312		256,165
F2.311a.Programs Maker space, Digital media lab, Self-publishing						2,653	5,599	11,845	20,097	
F2.312.Attendance - Genealogy, local history, Doors Open		1,060,508	1,098,277	1,165,017	1,080,199	1,257,577	17,187	19,589		5,698,354
F2.312.Programs - Genealogy, local history, Doors Open (Number offered)		50,328	53,225	58,049	58,850	60,975	959	1,054	283,440	
F2.313.Attendance - Adult learning (not covered elsewhere)		99,345	150,953	210,116	205,939	218,962	255,776	282,364		1,423,455
F2.313.Programs - Adult learning (not covered elsewhere)		7,363	13,197	13,700	18,749	16,250	19,747	20,906	109,912	
F2.314.Attendance - Seniors programming (Programs)		47,605	67,325	75,457	82,525	101,645	128,159	123,678		626,394
F2.314.Programs - Seniors programming (Number offered)		3,803	4,495	5,640	6,660	8,462	9,296	10,130	48,486	
F2.315.Attendance - Culture Days, poetry and story readings, art shows		79,946	116,768	101,520	172,209	192,991	198,999	203,970		1,066,403
F2.315.Programs - Culture Days, poetry and story readings, art shows (Number offered)		2,089	2,327	3,372	5,919	5,868	6,511	7,588	33,674	
F2.316.Attendance - First Nations Public Library Week		4,606	2,637	2,776	1,672	2,128	2,418	1,996		18,233
F2.316.Programs - First Nations Public Library Week (Number offered)		211	149	109	100	107	129	116	921	
F2.317.Attendance - First Nation Communities Reads		2,784	2,184	1,882	1,344	1,712	1,198	1,709		12,813
F2.317.Programs - First Nation Communities Reads (Number offered)		61	83	73	82	59	56	42	456	
F2.317a.Attendance Indigenous language training and retention							619	2,655		3,274
F2.317a.Programs Indigenous language training and retention							31	408	439	
F2.318.Attendance - Ontario Public Library Week / Canadian Library Month		13,904	18,469	16,046	22,615	17,955	11,132	17,364		117,485
F2.318.Programs - Ontario Public Library Week / Canadian Library Month (Number offered)		336	709	504	685	491	407	632	3,764	
F2.319.Attendance - Book Clubs			44,334	54,727	63,995	74,738	84,956	81,115		403,865
F2.319.Programs - Book Clubs (Number offered)			4,462	5,836	7,238	8,682	8,954	9,531	44,703	
F2.320.Attendance Other					93,819	135,056	150,252	159,086		538,213
F2.320.Programs Other					5,220	9,231	10,570	8,603	33,624	
									1,519,296 (Offered)	27,186,491 (Attended)

Programs offered and attendance at Ontario Public Libraries, 2011-2017

Summary data (continued)

Totals by band, by program

	Band											Totals By Program	
		1	2	3	4	5	6	7	8	FN	Total Offered	Total Attendance	
# of libraries reporting program data, 2011-2017		53	119	141	95	150	306	153	315	202			
F2.301.Attendance - Early literacy and Early learning		1,324,869	590,949	349,833	167,309	113,134	126,973	21,022	15,004	13,532		2,722,625	
F2.301.Programs - Early literacy and Early learning (Number offered)		53,716	31,188	19,675	7,762	8,095	8,815	2,210	1,275	1,228	133,964		
F2.302.Attendance - Other Children's programming		2,294,650	1,015,118	627,899	312,348	244,375	286,818	80,396	57,913	43,331		4,962,848	
F2.302.Programs - Other Children's programming (Number offered)		91,242	46,319	40,634	16,588	12,004	20,203	6,797	3,886	2,963	240,636		
F2.303.Attendance - Summer Reading		910,246	392,861	335,405	172,043	185,306	176,237	34,661	19,837	36,765		2,263,361	
F2.303.Programs - Summer Reading (Number offered)		25,239	14,409	14,832	6,850	7,971	10,007	2,998	1,851	1,652	85,809		
F2.304.Attendance - Homework help		228,934	54,401	13,853	14,376	15,769	13,092	9,381	2,284	34,081		386,171	
F2.304.Programs - Homework help (Number offered)		35,778	5,915	2,324	6,389	3,267	2,431	1,834	587	4,425	62,950		
F2.305.Attendance - Class instruction at a library or school		1,437,349	513,091	355,984	262,763	172,428	220,127	29,099	90,149	154,460		3,235,450	
F2.305.Programs - Class instruction at a library or school		39,327	18,343	11,182	8,699	6,333	9,841	1,168	5,670	10,147	110,710		
F2.306.Attendance - Teen programming		778,888	139,633	67,640	42,382	35,895	32,981	7,749	2,579	15,962		1,123,709	
F2.306.Programs - Teen programming (Number offered)		49,661	9,869	9,188	3,369	4,552	3,258	799	386	1,235	82,317		
F2.307.Attendance - Newcomer focus		917,958	73,666	21,765	20,212	2,106	3,198	291	329	6,824		1,046,349	
F2.307.Programs - Newcomer focus (Number offered)		46,496	9,661	2,084	1,137	256	516	36	31	201	60,418		
F2.308.Attendance - Careers, job help / skills		44,893	6,519	6,601	2,127	2,706	5,326	637	3,863	20,955		93,627	
F2.308.Programs - Careers, job help / skills (Number offered)		3,923	863	2,099	351	240	1,299	175	282	2,160	11,392		
F2.309.Attendance - Business Development		64,443	9,910	2,460	3,033	2,599	5,061	393	2,185	853		90,937	
F2.309.Programs - Business Development (Number offered)		3,619	1,058	307	113	168	733	33	228	165	6,424		
F2.310.Attendance - Community Development		151,789	107,093	79,793	63,889	38,108	61,030	14,207	12,405	21,008		549,322	
F2.310.Programs - Community Development (Number offered)		7,557	5,001	3,829	1,488	1,376	2,172	537	646	707	23,313		
F2.311.Attendance - Technology, social media and computer literacy		206,937	96,756	60,300	28,819	40,811	81,240	11,584	9,820	11,171		547,438	
F2.311.Programs - Technology, social media and computer literacy (Number offered)		31,920	22,850	19,893	7,590	13,802	19,948	2,784	1,935	1,125	121,847		
F2.311a.Attendance Maker space, Digital media lab, Self-publishing		139,433	51,073	28,623	6,687	7,620	7,791	5,136	5,574	4,228		256,165	
F2.311a.Programs Maker space, Digital media lab, Self-publishing		8,455	3,970	2,230	2,156	668	1,151	738	503	226	20,097		
F2.312.Attendance - Genealogy, local history, Doors Open		2,815,879	1,284,523	669,430	331,684	236,860	254,460	61,256	20,645	23,617		5,698,354	
F2.312.Programs - Genealogy, local history, Doors Open (Number offered)		112,929	62,870	44,278	18,248	17,561	17,826	4,357	2,806	2,565	283,440		
F2.313.Attendance - Adult learning (not covered elsewhere)		803,046	225,976	147,863	47,833	79,276	68,689	16,063	9,992	24,717		1,423,455	
F2.313.Programs - Adult learning (not covered elsewhere)		52,294	18,696	15,254	6,525	6,545	6,593	1,751	753	1,501	109,912		
F2.314.Attendance - Seniors programming (Programs)		298,250	78,597	63,729	24,153	67,351	45,191	14,938	17,086	17,099		626,394	
F2.314.Programs - Seniors programming (Number offered)		22,058	5,008	6,234	1,803	4,090	5,251	1,370	1,603	1,069	48,486		
F2.315.Attendance - Culture Days, poetry and story readings, art shows		650,569	85,498	89,172	57,776	68,468	53,915	25,651	12,337	23,017		1,066,403	
F2.315.Programs - Culture Days, poetry and story readings, art shows (Number offered)		20,827	2,515	2,715	2,073	1,711	1,588	756	408	1,081	33,674		
F2.316.Attendance - First Nations Public Library Week		779	1,563	125	82	128	707	476	354	14,019		18,233	
F2.316.Programs - First Nations Public Library Week (Number offered)		11	29	3	5	11	46	26	36	754	921		
F2.317.Attendance - First Nation Communities Reads		156	40	179	1,630	45	217	289	40	10,217		12,813	
F2.317.Programs - First Nation Communities Reads (Number offered)		7	2	5	19	4	14	15	5	385	456		
F2.317a.Attendance - Indigenous language training and retention		73	0	15	0	10	128	338	0	2,710		3,274	
F2.317a.Programs - Indigenous language training and retention		7	0	1	0	1	4	10	0	416	439		
F2.318.Attendance - Ontario Public Library Week / Canadian Library Month		15,487	14,693	19,803	9,847	14,670	24,122	6,225	9,164	3,474		117,485	
F2.318.Programs - Ontario Public Library Week / Canadian Library Month (Number offered)		642	521	755	297	336	582	241	265	125	3,764		
F2.319.Attendance - Book Clubs		122,639	80,882	67,626	29,307	32,871	47,072	9,886	9,243	4,339		403,865	
F2.319.Programs - Book Clubs (Number offered)		12,249	9,815	8,503	3,693	3,209	4,858	904	1,052	420	44,703		
F2.320.Attendance - Other		190,149	156,953	59,232	26,095	31,987	48,223	7,731	7,366	10,477		538,213	
F2.320.Programs - Other		12,413	8,110	4,959	1,585	1,506	3,250	500	677	624	33,624		
											1,519,296	27,186,491	
											(Offered)	(Attended)	

Programs offered and attendance at Ontario Public Libraries, 2011-2017

Detailed data, by band, year

Band 1 (Resident population greater than 250,000)

	YEAR							Totals By Program	
	2011	2012	2013	2014	2015	2016	2017	Total Offered	Total Attendance
# of libraries reporting program data, 2011-2017	4	6	7	9	9	9	9		
Attendance - Early literacy and Early learning	626	13,788	8,031	11,732	7,580	669,349	613,763		1,324,869
Programs - Early literacy and Early learning (Number offered)	74	343	345	492	229	25,839	26,394	53,716	
Attendance - Other Children's programming	191,679	242,083	286,418	348,761	399,412	414,844	411,453	91,242	2,294,650
Programs - Other Children's programming (Number offered)	7,241	10,913	10,361	13,358	16,825	16,377	16,167		
Attendance - Summer Reading	118,502	140,400	146,152	112,060	120,761	126,114	146,257	25,239	910,246
Programs - Summer Reading (Number offered)	3,009	3,327	3,857	3,222	3,751	3,653	4,420		
Attendance - Homework help	38,093	29,240	29,394	43,708	29,802	28,371	30,326	35,778	228,934
Programs - Homework help (Number offered)	4,556	4,705	3,516	7,042	5,459	5,670	4,830		
Attendance - Class instruction at a library or school	215,580	234,516	250,505	189,929	178,458	185,482	182,879	39,327	1,437,349
Programs - Class instruction at a library or school	6,389	6,924	7,101	5,426	4,453	4,555	4,479		
Attendance - Teen programming	110,735	89,676	98,575	99,213	100,842	120,845	159,002	49,661	778,888
Programs - Teen programming (Number offered)	6,217	7,650	5,568	6,807	6,514	7,839	9,066		
Attendance - Newcomer focus	121,527	144,452	151,700	136,543	135,762	108,266	119,708	46,496	917,958
Programs - Newcomer focus (Number offered)	5,167	7,171	8,596	6,978	6,340	5,347	6,897		
Attendance - Careers, job help / skills	2,983	7,308	5,763	7,904	7,649	6,749	6,537	3,923	44,893
Programs - Careers, job help / skills (Number offered)	239	412	601	550	975	490	656		
Attendance - Business Development	2,008	6,042	7,424	11,561	12,462	11,190	13,756	3,619	64,443
Programs - Business Development (Number offered)	327	440	503	550	559	531	709		
Attendance - Community Development	20,585	18,560	37,663	16,971	15,280	17,414	25,316	7,557	151,789
Programs - Community Development (Number offered)	577	445	1,947	1,730	2,229	305	324		
Attendance - Technology, social media and computer literacy	17,064	21,843	24,826	33,053	29,867	38,126	42,158	31,920	206,937
Programs - Technology, social media and computer literacy (Number offered)	2,807	3,868	4,543	4,930	4,799	4,795	6,178		
Attendance - Maker space, Digital media lab, Self-publishing					25,572	40,859	73,002	8,455	139,433
Programs - Maker space, Digital media lab, Self-publishing					1,603	2,613	4,239		
Attendance - Genealogy, local history, Doors Open	581,375	539,005	535,272	506,012	646,694	3,177	4,344	112,929	2,815,879
Programs - Genealogy, local history, Doors Open (Number offered)	22,532	20,270	21,787	21,980	25,979	127	254		
Attendance - Adult learning (not covered elsewhere)	51,279	86,529	131,106	116,289	126,359	138,476	153,008	52,294	803,046
Programs - Adult learning (not covered elsewhere)	3,015	7,057	7,439	8,426	8,071	8,845	9,441		
Attendance - Seniors programming (Programs)	19,854	29,717	35,842	45,124	52,406	61,028	54,279	22,058	298,250
Programs - Seniors programming (Number offered)	1,237	1,815	2,519	3,426	4,191	4,306	4,564		
Attendance - Culture Days, poetry and story readings, art shows	37,383	69,197	38,429	113,264	130,803	131,800	129,693	20,827	650,569
Programs - Culture Days, poetry and story readings, art shows (Number offered)	449	823	1,673	4,244	3,803	4,434	5,401		
Attendance - First Nations Public Library Week		92	684			3		11	779
Programs - First Nations Public Library Week (Number offered)		1	9			1			
Attendance - First Nation Communities Reads			21			135		7	156
Programs - First Nation Communities Reads (Number offered)			1			6			
Attendance - Indigenous language training and retention							73	7	73
Programs - Indigenous language training and retention							7		
Attendance - Ontario Public Library Week / Canadian Library Month	594	4,111	833	4,451	3,570	350	1,578	642	15,487
Programs - Ontario Public Library Week / Canadian Library Month (Number offered)	12	290	31	222	24	14	49		
Attendance - Book Clubs		5,936	13,595	20,606	22,759	30,674	29,069	12,249	122,639
Programs - Book Clubs (Number offered)		579	1,380	2,175	2,366	2,571	3,178		
Attendance - Other				49,848	59,517	54,573	26,211	12,413	190,149
Programs - Other				1,690	4,566	4,567	1,590		
								630,370	13,397,416
								(Offered)	(Attended)

Programs offered and attendance at Ontario Public Libraries, 2011-2017

Detailed data, by band, year

Band 2 (Resident population greater than 100,000 and fewer than 250,001)

	YEAR							Totals By Program	
	2011	2012	2013	2014	2015	2016	2017	Total Offered	Total Attendance
# of libraries reporting program data, 2011-2017	12	15	16	19	19	19	19		
F2.301.Attendance - Early literacy and Early learning	1,408	1,960	2,346	2,394	2,597	273,690	306,554		
F2.301.Programs - Early literacy and Early learning (Number offered)	99	139	170	273	249	14,135	16,123	31,188	590,949
F2.302.Attendance - Other Children's programming	86,850	121,071	127,839	161,330	149,596	163,303	205,129		1,015,118
F2.302.Programs - Other Children's programming (Number offered)	4,647	6,646	5,930	7,436	6,506	6,802	8,352	46,319	
F2.303.Attendance - Summer Reading	46,381	46,503	57,648	56,524	64,851	63,067	57,887		392,861
F2.303.Programs - Summer Reading (Number offered)	2,938	1,202	1,689	1,802	1,925	3,126	1,727	14,409	
F2.304.Attendance - Homework help	3,924	3,792	5,769	5,210	14,617	13,092	7,997		54,401
F2.304.Programs - Homework help (Number offered)	278	224	467	464	3,351	862	269	5,915	
F2.305.Attendance - Class instruction at a library or school	52,306	69,092	70,617	79,188	77,631	80,385	83,872		513,091
F2.305.Programs - Class instruction at a library or school	2,081	2,467	2,390	2,709	2,986	2,777	2,933	18,343	
F2.306.Attendance - Teen programming	13,810	17,428	18,202	18,793	24,921	23,650	22,829		139,633
F2.306.Programs - Teen programming (Number offered)	869	1,194	1,647	1,488	1,559	1,531	1,581	9,869	
F2.307.Attendance - Newcomer focus	10,969	11,519	10,441	9,781	7,579	9,096	14,281		73,666
F2.307.Programs - Newcomer focus (Number offered)	2,104	2,157	847	1,076	1,021	1,060	1,396	9,661	
F2.308.Attendance - Careers, job help / skills	699	884	1,341	1,341	657	712	885		6,519
F2.308.Programs - Careers, job help / skills (Number offered)	119	141	118	124	91	142	128	863	
F2.309.Attendance - Business Development	1,102	1,242	1,532	957	1,325	1,715	2,037		9,910
F2.309.Programs - Business Development (Number offered)	60	105	219	119	176	104	275	1,058	
F2.310.Attendance - Community Development	5,032	12,807	13,984	12,235	23,919	19,960	19,156		107,093
F2.310.Programs - Community Development (Number offered)	160	527	885	1,040	861	677	851	5,001	
F2.311.Attendance - Technology, social media and computer literacy	6,810	10,768	11,761	15,437	19,815	14,129	18,036		96,756
F2.311.Programs - Technology, social media and computer literacy (Number offered)	2,502	3,413	4,227	3,453	3,611	2,924	2,720	22,850	
F2.311a.Attendance Maker space, Digital media lab, Self-publishing					5,848	18,512	26,713		51,073
F2.311a.Programs Maker space, Digital media lab, Self-publishing					293	1,393	2,284	3,970	
F2.312.Attendance - Genealogy, local history, Doors Open	212,513	269,046	293,660	243,499	260,243	3,020	2,542		1,284,523
F2.312.Programs - Genealogy, local history, Doors Open (Number offered)	10,898	12,935	13,526	12,626	12,456	260	169	62,870	
F2.313.Attendance - Adult learning (not covered elsewhere)	11,268	26,423	35,135	31,814	36,365	41,473	43,498		225,976
F2.313.Programs - Adult learning (not covered elsewhere)	1,187	2,906	2,302	2,432	2,697	3,368	3,804	18,696	
F2.314.Attendance - Seniors programming (Programs)	6,664	13,744	9,629	9,625	11,422	12,766	14,747		78,597
F2.314.Programs - Seniors programming (Number offered)	398	826	633	697	750	749	955	5,008	
F2.315.Attendance - Culture Days, poetry and story readings, art shows	9,913	13,130	13,156	10,673	10,713	11,784	16,129		85,498
F2.315.Programs - Culture Days, poetry and story readings, art shows (Number offered)	463	414	373	344	260	316	345	2,515	
F2.316.Attendance - First Nations Public Library Week	1,208	204	10	98	29	12	2		1,563
F2.316.Programs - First Nations Public Library Week (Number offered)	2	9	1	7	3	6	1	29	
F2.317.Attendance - First Nation Communities Reads			13	27	0	0	0		40
F2.317.Programs - First Nation Communities Reads (Number offered)			1	1	0	0	0	2	
F2.317a.Attendance - Indigenous language training and retention						0	0		0
F2.317a.Programs - Indigenous language training and retention						0	0	0	
F2.318.Attendance - Ontario Public Library Week / Canadian Library Month	1,579	1,154	2,953	3,179	1,649	1,287	2,892		14,693
F2.318.Programs - Ontario Public Library Week / Canadian Library Month (Number offered)	31	52	89	73	51	44	181	521	
F2.319.Attendance - Book Clubs		9,885	11,174	11,446	16,382	17,465	14,530		80,882
F2.319.Programs - Book Clubs (Number offered)		1,131	1,270	1,470	1,980	2,124	1,840	9,815	
F2.320.Attendance - Other				19,549	27,177	49,847	60,380		156,953
F2.320.Programs - Other				1,407	952	2,882	2,869	8,110	
								277,012	4,388,846
								(Offered)	(Attended)

Programs offered and attendance at Ontario Public Libraries, 2011-2017

Detailed data, by band, year

Band 3 (Resident population greater than 50,000 and fewer than 100,001)

	YEAR							Totals By Program	
	2011	2012	2013	2014	2015	2016	2017	Total Offered	Total Attendance
# of libraries reporting program data, 2011-2017	15	13	17	24	24	24	24		
F2.301.Attendance - Early literacy and Early learning	1,850	1,849	2,204	2,263	4,178	171,396	166,093		349,833
F2.301.Programs - Early literacy and Early learning (Number offered)	95	108	128	126	215	9,562	9,441	19,675	
F2.302.Attendance - Other Children's programming	58,131	74,284	77,937	91,866	91,651	112,448	121,582	40,634	627,899
F2.302.Programs - Other Children's programming (Number offered)	4,130	4,471	4,569	5,910	6,701	7,580	7,273		
F2.303.Attendance - Summer Reading	34,336	45,104	47,093	46,937	55,368	56,420	50,147	14,832	335,405
F2.303.Programs - Summer Reading (Number offered)	1,499	1,583	1,935	2,205	2,929	2,723	1,958		
F2.304.Attendance - Homework help	945	2,915	2,440	1,305	530	2,206	3,512	2,324	13,853
F2.304.Programs - Homework help (Number offered)	489	350	232	256	105	378	514		
F2.305.Attendance - Class instruction at a library or school	31,554	37,490	42,610	47,318	56,985	64,702	75,325	11,182	355,984
F2.305.Programs - Class instruction at a library or school	900	1,397	1,497	1,405	1,677	2,095	2,211		
F2.306.Attendance - Teen programming	5,647	5,514	8,452	8,889	11,370	13,259	14,509	9,188	67,640
F2.306.Programs - Teen programming (Number offered)	663	935	1,125	1,374	1,706	1,784	1,601		
F2.307.Attendance - Newcomer focus	3,196	2,397	3,034	2,692	2,365	2,784	5,297	2,084	21,765
F2.307.Programs - Newcomer focus (Number offered)	209	230	357	260	274	357	397		
F2.308.Attendance - Careers, job help / skills	237	1,070	900	959	1,057	1,409	969	2,099	6,601
F2.308.Programs - Careers, job help / skills (Number offered)	26	240	293	316	419	404	401		
F2.309.Attendance - Business Development	227	329	432	225	406	358	483	307	2,460
F2.309.Programs - Business Development (Number offered)	29	56	53	43	48	35	43		
F2.310.Attendance - Community Development	3,048	5,510	6,041	12,283	17,304	10,044	25,563	3,829	79,793
F2.310.Programs - Community Development (Number offered)	153	343	322	840	1,040	385	746		
F2.311.Attendance - Technology, social media and computer literacy	3,749	7,125	6,634	8,959	10,940	10,695	12,198	19,893	60,300
F2.311.Programs - Technology, social media and computer literacy (Number offered)	1,099	1,841	2,196	3,038	4,444	3,526	3,749		
F2.311a.Attendance Maker space, Digital media lab, Self-publishing					2,070	7,244	19,309	2,230	28,623
F2.311a.Programs Maker space, Digital media lab, Self-publishing					154	488	1,588		
F2.312.Attendance - Genealogy, local history, Doors Open	105,346	115,164	143,420	149,184	152,634	1,735	1,947	44,278	669,430
F2.312.Programs - Genealogy, local history, Doors Open (Number offered)	5,920	7,899	9,251	11,400	9,515	154	139		
F2.313.Attendance - Adult learning (not covered elsewhere)	10,458	9,185	13,652	25,772	20,668	28,943	39,185	15,254	147,863
F2.313.Programs - Adult learning (not covered elsewhere)	810	853	1,484	2,312	2,476	3,465	3,854		
F2.314.Attendance - Seniors programming (Programs)	3,930	4,837	5,839	6,233	10,699	15,716	16,475	6,234	63,729
F2.314.Programs - Seniors programming (Number offered)	388	565	559	657	1,101	1,469	1,495		
F2.315.Attendance - Culture Days, poetry and story readings, art shows	6,228	6,552	12,187	16,805	14,772	16,162	16,466	2,715	89,172
F2.315.Programs - Culture Days, poetry and story readings, art shows (Number offered)	371	322	367	255	596	411	393		
F2.316.Attendance - First Nations Public Library Week		94		0	0	0	31		125
F2.316.Programs - First Nations Public Library Week (Number offered)		1		0	0	0	2	3	
F2.317.Attendance - First Nation Communities Reads		179		0	0	0	0		179
F2.317.Programs - First Nation Communities Reads (Number offered)		5		0	0	0	0	5	
F2.317a.Attendance - Indigenous language training and retention						0	15		15
F2.317a.Programs - Indigenous language training and retention						0	1	1	
F2.318.Attendance - Ontario Public Library Week / Canadian Library Month	1,804	3,415	3,291	3,654	2,914	1,615	3,110	755	19,803
F2.318.Programs - Ontario Public Library Week / Canadian Library Month (Number offered)	64	115	128	128	128	79	113		
F2.319.Attendance - Book Clubs		8,896	11,032	10,788	11,198	13,087	12,625	8,503	67,626
F2.319.Programs - Book Clubs (Number offered)		1,066	1,373	1,403	1,437	1,588	1,636		
F2.320.Attendance - Other				7,354	19,457	18,474	13,947	4,959	59,232
F2.320.Programs - Other				944	1,640	1,247	1,128		
								210,984 (Offered)	3,067,330 (Attended)

Programs offered and attendance at Ontario Public Libraries, 2011-2017

Detailed data, by band, year

Band 4 (Resident population greater than 30,000 and fewer than 50,001)

	YEAR							Totals By Program	
	2011	2012	2013	2014	2015	2016	2017	Total Offered	Total Attendance
# of libraries reporting program data, 2011-2017	11	9	11	16	16	16	16		
F2.301.Attendance - Early literacy and Early learning	494	1,964	2,358	4,985	4,487	77,096	75,925		167,309
F2.301.Programs - Early literacy and Early learning (Number offered)	39	49	84	89	99	3,777	3,625	7,762	
F2.302.Attendance - Other Children's programming	30,612	35,710	43,802	56,504	48,233	45,836	51,651		312,348
F2.302.Programs - Other Children's programming (Number offered)	1,886	2,100	2,256	2,787	2,616	2,641	2,302	16,588	
F2.303.Attendance - Summer Reading	19,148	24,583	19,921	31,519	24,960	29,066	22,846		172,043
F2.303.Programs - Summer Reading (Number offered)	708	917	930	1,056	1,136	1,081	1,022	6,850	
F2.304.Attendance - Homework help	872	760	1,187	2,834	3,116	2,407	3,200		14,376
F2.304.Programs - Homework help (Number offered)	872	267	345	1,399	1,441	988	1,077	6,389	
F2.305.Attendance - Class instruction at a library or school	30,156	30,819	26,742	34,526	49,646	44,999	45,875		262,763
F2.305.Programs - Class instruction at a library or school	1,150	1,041	843	1,274	1,597	1,376	1,418	8,699	
F2.306.Attendance - Teen programming	3,313	3,642	5,157	4,820	9,384	8,361	7,705		42,382
F2.306.Programs - Teen programming (Number offered)	246	328	469	444	551	642	689	3,369	
F2.307.Attendance - Newcomer focus	216	667	1,519	2,319	2,210	1,856	11,425		20,212
F2.307.Programs - Newcomer focus (Number offered)	13	179	102	204	204	191	244	1,137	
F2.308.Attendance - Careers, job help / skills	147	168	185	200	816	398	213		2,127
F2.308.Programs - Careers, job help / skills (Number offered)	16	6	7	16	110	106	90	351	
F2.309.Attendance - Business Development	583	684	334	120	453	579	280		3,033
F2.309.Programs - Business Development (Number offered)	18	20	19	7	25	12	12	113	
F2.310.Attendance - Community Development	5,525	5,037	7,996	5,267	20,813	12,093	7,158		63,889
F2.310.Programs - Community Development (Number offered)	63	117	185	221	394	226	282	1,488	
F2.311.Attendance - Technology, social media and computer literacy	2,306	2,652	5,031	4,857	5,176	4,485	4,312		28,819
F2.311.Programs - Technology, social media and computer literacy (Number offered)	736	406	1,334	1,266	1,369	1,105	1,374	7,590	
F2.311a.Attendance Maker space, Digital media lab, Self-publishing					697	1,425	4,565		6,687
F2.311a.Programs Maker space, Digital media lab, Self-publishing					106	249	1,801	2,156	
F2.312.Attendance - Genealogy, local history, Doors Open	58,439	62,001	68,422	69,058	68,587	2,009	3,168		331,684
F2.312.Programs - Genealogy, local history, Doors Open (Number offered)	3,250	3,325	3,828	4,037	3,634	84	90	18,248	
F2.313.Attendance - Adult learning (not covered elsewhere)	6,597	5,923	7,439	8,265	6,487	5,736	7,386		47,833
F2.313.Programs - Adult learning (not covered elsewhere)	502	314	486	3,370	561	663	629	6,525	
F2.314.Attendance - Seniors programming (Programs)	1,741	2,031	3,422	2,618	2,251	5,608	6,482		24,153
F2.314.Programs - Seniors programming (Number offered)	149	63	188	224	121	475	583	1,803	
F2.315.Attendance - Culture Days, poetry and story readings, art shows	6,303	6,984	11,827	8,427	7,747	8,007	8,481		57,776
F2.315.Programs - Culture Days, poetry and story readings, art shows (Number offered)	104	126	275	340	418	393	417	2,073	
F2.316.Attendance - First Nations Public Library Week	60		22	0	0	0	0		82
F2.316.Programs - First Nations Public Library Week (Number offered)	3		2	0	0	0	0	5	
F2.317.Attendance - First Nation Communities Reads	120		150	100	385	80	795		1,630
F2.317.Programs - First Nation Communities Reads (Number offered)	1		1	1	7	1	8	19	
F2.317a.Attendance - Indigenous language training and retention						0	0		0
F2.317a.Programs - Indigenous language training and retention						0	0	0	
F2.318.Attendance - Ontario Public Library Week / Canadian Library Month	2,746	2,196	1,287	1,066	1,123	852	577		9,847
F2.318.Programs - Ontario Public Library Week / Canadian Library Month (Number offered)	33	56	39	39	58	25	47	297	
F2.319.Attendance - Book Clubs		3,943	2,817	3,433	6,402	5,469	7,243		29,307
F2.319.Programs - Book Clubs (Number offered)		247	316	405	1,142	845	738	3,693	
F2.320.Attendance - Other				3,429	4,865	6,283	11,518		26,095
F2.320.Programs - Other				221	400	345	619	1,585	
								96,740 (Offered)	1,624,395 (Attended)

Programs offered and attendance at Ontario Public Libraries, 2011-2017

Detailed data, by band, year

Band 5 (Resident population greater than 15,000 and fewer than 30,001)

	YEAR							Totals By Program	
	2011	2012	2013	2014	2015	2016	2017	Total Offered	Total Attendance
# of libraries reporting program data, 2011-2017	9	13	16	28	28	28	28		
F2.301.Attendance - Early literacy and Early learning	556	701	1,051	1,158	1,816	54,478	53,374		113,134
F2.301.Programs - Early literacy and Early learning (Number offered)	76	77	39	43	69	3,533	4,258	8,095	
F2.302.Attendance - Other Children's programming	28,071	26,919	28,630	35,087	33,570	45,111	46,987	12,004	244,375
F2.302.Programs - Other Children's programming (Number offered)	1,183	1,358	1,563	1,751	1,766	2,180	2,203		
F2.303.Attendance - Summer Reading	23,655	27,590	25,513	24,736	27,039	29,986	26,787	7,971	185,306
F2.303.Programs - Summer Reading (Number offered)	909	1,159	958	1,060	1,411	1,344	1,130		
F2.304.Attendance - Homework help	1,266	1,959	2,640	2,743	2,948	2,367	1,846	3,267	15,769
F2.304.Programs - Homework help (Number offered)	313	529	647	439	531	471	337		
F2.305.Attendance - Class instruction at a library or school	15,842	20,218	22,400	25,067	29,923	30,210	28,768	6,333	172,428
F2.305.Programs - Class instruction at a library or school	594	769	894	913	1,133	980	1,050		
F2.306.Attendance - Teen programming	3,258	5,407	4,132	5,210	4,157	8,315	5,416	4,552	35,895
F2.306.Programs - Teen programming (Number offered)	349	526	529	708	752	832	856		
F2.307.Attendance - Newcomer focus	21	17	680	170	99	453	666	256	2,106
F2.307.Programs - Newcomer focus (Number offered)	2	4	109	19	20	46	56		
F2.308.Attendance - Careers, job help / skills	305	1,330	302	141	180	230	218	240	2,706
F2.308.Programs - Careers, job help / skills (Number offered)	25	78	7	18	34	36	42		
F2.309.Attendance - Business Development	97	1,174	602	223	165	156	182	168	2,599
F2.309.Programs - Business Development (Number offered)	11	43	40	18	17	19	20		
F2.310.Attendance - Community Development	2,185	3,696	4,770	4,717	8,362	6,871	7,507	1,376	38,108
F2.310.Programs - Community Development (Number offered)	51	91	182	244	237	250	321		
F2.311.Attendance - Technology, social media and computer literacy	5,188	4,176	5,219	6,000	6,680	7,311	6,237	13,802	40,811
F2.311.Programs - Technology, social media and computer literacy (Number offered)	1,503	1,533	1,804	2,071	2,252	2,589	2,050		
F2.311a.Attendance Maker space, Digital media lab, Self-publishing					1,111	3,300	3,209	668	7,620
F2.311a.Programs Maker space, Digital media lab, Self-publishing					88	226	354		
F2.312.Attendance - Genealogy, local history, Doors Open	39,284	45,812	49,703	43,968	52,606	2,563	2,924	17,561	236,860
F2.312.Programs - Genealogy, local history, Doors Open (Number offered)	2,866	3,281	3,788	3,697	3,764	78	87		
F2.313.Attendance - Adult learning (not covered elsewhere)	8,118	11,827	9,515	10,425	9,684	15,344	14,363	6,545	79,276
F2.313.Programs - Adult learning (not covered elsewhere)	711	665	750	889	923	1,320	1,287		
F2.314.Attendance - Seniors programming (Programs)	7,232	8,701	10,039	9,115	10,861	10,622	10,781	4,090	67,351
F2.314.Programs - Seniors programming (Number offered)	789	437	577	506	587	565	629		
F2.315.Attendance - Culture Days, poetry and story readings, art shows	7,605	5,533	10,489	10,370	10,878	11,553	12,040	1,711	68,468
F2.315.Programs - Culture Days, poetry and story readings, art shows (Number offered)	200	131	232	360	253	281	254		
F2.316.Attendance - First Nations Public Library Week	18		1	1	61	33	14	11	128
F2.316.Programs - First Nations Public Library Week (Number offered)	2		1	1	2	4	1		
F2.317.Attendance - First Nation Communities Reads			1	1	43	0	0	4	45
F2.317.Programs - First Nation Communities Reads (Number offered)			1	1	2	0	0		
F2.317a.Attendance - Indigenous language training and retention						10	0	1	10
F2.317a.Programs - Indigenous language training and retention						1	0		
F2.318.Attendance - Ontario Public Library Week / Canadian Library Month	1,237	1,700	1,843	2,024	2,836	1,826	3,204	336	14,670
F2.318.Programs - Ontario Public Library Week / Canadian Library Month (Number offered)	33	32	52	42	59	52	66		
F2.319.Attendance - Book Clubs		3,984	4,848	5,537	5,911	6,045	6,546	3,209	32,871
F2.319.Programs - Book Clubs (Number offered)		390	460	510	562	553	734		
F2.320.Attendance - Other				4,170	8,426	6,242	13,149	1,506	31,987
F2.320.Programs - Other				163	441	295	607		
								93,706 (Offered)	1,392,523 (Attended)

Programs offered and attendance at Ontario Public Libraries, 2011-2017

Detailed data, by band, year

Band 6 (Resident population greater than 5,000 and fewer than 15,001)

	YEAR								Totals By Program	
	2011	2012	2013	2014	2015	2016	2017	Total Offered	Total Attendance	
# of libraries reporting program data, 2011-2017	19	18	21	62	62	62	62			
F2.301.Attendance - Early literacy and Early learning	857	1,610	1,463	1,324	1,349	60,465	59,905			
F2.301.Programs - Early literacy and Early learning (Number offered)	48	63	73	132	78	4,078	4,343	8,815	126,973	
F2.302.Attendance - Other Children's programming	33,176	42,591	41,409	46,768	42,155	39,645	41,074		286,818	
F2.302.Programs - Other Children's programming (Number offered)	2,529	3,110	2,747	3,076	2,679	3,168	2,894	20,203		
F2.303.Attendance - Summer Reading	20,332	22,029	26,594	28,683	25,296	25,530	27,773		176,237	
F2.303.Programs - Summer Reading (Number offered)	1,153	1,235	1,350	1,220	1,517	1,599	1,933	10,007		
F2.304.Attendance - Homework help	1,515	2,364	291	737	1,961	3,493	2,731		13,092	
F2.304.Programs - Homework help (Number offered)	292	460	139	121	330	596	493	2,431		
F2.305.Attendance - Class instruction at a library or school	22,738	28,243	33,740	35,788	31,354	33,295	34,969		220,127	
F2.305.Programs - Class instruction at a library or school	1,216	1,225	1,767	1,542	1,289	1,418	1,384	9,841		
F2.306.Attendance - Teen programming	3,058	4,129	3,741	3,948	5,626	6,431	6,048		32,981	
F2.306.Programs - Teen programming (Number offered)	309	228	380	472	647	628	594	3,258		
F2.307.Attendance - Newcomer focus	5	166	509	321	757	671	769		3,198	
F2.307.Programs - Newcomer focus (Number offered)	1	34	63	79	126	103	110	516		
F2.308.Attendance - Careers, job help / skills	612	731	861	643	836	1,049	594		5,326	
F2.308.Programs - Careers, job help / skills (Number offered)	104	109	219	185	177	242	263	1,299		
F2.309.Attendance - Business Development	343	1,335	379	682	1,124	741	457		5,061	
F2.309.Programs - Business Development (Number offered)	20	594	36	17	23	19	24	733		
F2.310.Attendance - Community Development	2,281	3,584	4,784	8,705	10,886	13,263	17,527		61,030	
F2.310.Programs - Community Development (Number offered)	196	168	151	239	313	569	536	2,172		
F2.311.Attendance - Technology, social media and computer literacy	12,926	13,794	15,621	16,513	7,322	7,704	7,360		81,240	
F2.311.Programs - Technology, social media and computer literacy (Number offered)	1,938	2,171	2,950	3,882	2,801	3,008	3,198	19,948		
F2.311a.Attendance Maker space, Digital media lab, Self-publishing					1,596	1,576	4,619		7,791	
F2.311a.Programs Maker space, Digital media lab, Self-publishing					159	205	787	1,151		
F2.312.Attendance - Genealogy, local history, Doors Open	49,959	47,034	50,537	49,814	53,787	1,372	1,957		254,460	
F2.312.Programs - Genealogy, local history, Doors Open (Number offered)	3,128	3,529	3,936	3,343	3,643	108	139	17,826		
F2.313.Attendance - Adult learning (not covered elsewhere)	6,926	5,995	6,931	8,816	10,801	14,850	14,370		68,689	
F2.313.Programs - Adult learning (not covered elsewhere)	640	887	662	764	956	1,406	1,278	6,593		
F2.314.Attendance - Seniors programming (Programs)	4,431	3,890	5,068	4,264	5,718	11,960	9,860		45,191	
F2.314.Programs - Seniors programming (Number offered)	390	344	607	643	1,003	1,156	1,108	5,251		
F2.315.Attendance - Culture Days, poetry and story readings, art shows	6,416	6,586	6,834	5,064	7,734	9,402	11,879		53,915	
F2.315.Programs - Culture Days, poetry and story readings, art shows (Number offered)	180	132	136	122	241	357	420	1,588		
F2.316.Attendance - First Nations Public Library Week	21	33	6	78	92	167	310		707	
F2.316.Programs - First Nations Public Library Week (Number offered)	2	3	2	8	5	11	15	46		
F2.317.Attendance - First Nation Communities Reads	15		24	21	1	121	35		217	
F2.317.Programs - First Nation Communities Reads (Number offered)	1		1	2	1	7	2	14		
F2.317a.Attendance - Indigenous language training and retention						1	127		128	
F2.317a.Programs - Indigenous language training and retention						1	3	4		
F2.318.Attendance - Ontario Public Library Week / Canadian Library Month	3,354	2,785	3,424	5,644	3,062	2,785	3,068		24,122	
F2.318.Programs - Ontario Public Library Week / Canadian Library Month (Number offered)	69	64	69	83	86	116	95	582		
F2.319.Attendance - Book Clubs		8,331	7,787	7,509	7,929	8,316	7,200		47,072	
F2.319.Programs - Book Clubs (Number offered)		726	717	826	821	860	908	4,858		
F2.320.Attendance - Other				5,875	6,774	8,407	27,167		48,223	
F2.320.Programs - Other				543	565	838	1,304	3,250		
								120,386 (Offered)	1,562,598 (Attended)	

Programs offered and attendance at Ontario Public Libraries, 2011-2017

Detailed data, by band, year

Band 7 (Resident population greater than 2,500 and fewer than 5,001)

	YEAR							Totals By Program	
	2011	2012	2013	2014	2015	2016	2017	Total Offered	Total Attendance
# of libraries reporting program data, 2011-2017	6	3	8	34	34	34	34		
F2.301.Attendance - Early literacy and Early learning	294	217	404	478	439	9,200	9,990		21,022
F2.301.Programs - Early literacy and Early learning (Number offered)	67	14	64	89	84	884	1,008	2,210	
F2.302.Attendance - Other Children's programming	10,789	8,577	9,507	10,056	13,905	15,379	12,183		80,396
F2.302.Programs - Other Children's programming (Number offered)	943	740	849	814	1,175	1,272	1,004	6,797	
F2.303.Attendance - Summer Reading	5,766	5,987	5,266	5,627	4,065	4,144	3,806		34,661
F2.303.Programs - Summer Reading (Number offered)	446	397	438	543	441	320	413	2,998	
F2.304.Attendance - Homework help	1,466	1,959	702	1,256	1,692	1,231	1,075		9,381
F2.304.Programs - Homework help (Number offered)	156	284	221	365	408	180	220	1,834	
F2.305.Attendance - Class instruction at a library or school	2,146	2,756	4,678	4,244	5,462	4,656	5,157		29,099
F2.305.Programs - Class instruction at a library or school	89	95	120	197	211	228	228	1,168	
F2.306.Attendance - Teen programming	1,335	1,669	792	602	777	845	1,729		7,749
F2.306.Programs - Teen programming (Number offered)	166	161	87	88	79	99	119	799	
F2.307.Attendance - Newcomer focus				0	10	61	220		291
F2.307.Programs - Newcomer focus (Number offered)				0	5	24	7	36	
F2.308.Attendance - Careers, job help / skills	43	104	151	51	40	99	149		637
F2.308.Programs - Careers, job help / skills (Number offered)	21	23	61	14	9	15	32	175	
F2.309.Attendance - Business Development	74	6	56	46	67	65	79		393
F2.309.Programs - Business Development (Number offered)	10	1	2	4	3	9	4	33	
F2.310.Attendance - Community Development	847	2,607	1,467	1,628	821	1,063	5,774		14,207
F2.310.Programs - Community Development (Number offered)	45	85	96	85	69	65	92	537	
F2.311.Attendance - Technology, social media and computer literacy	1,760	1,876	2,462	1,358	1,318	1,626	1,184		11,584
F2.311.Programs - Technology, social media and computer literacy (Number offered)	578	521	531	292	330	290	242	2,784	
F2.311a.Attendance Maker space, Digital media lab, Self-publishing					1,059	1,124	2,953		5,136
F2.311a.Programs Maker space, Digital media lab, Self-publishing					192	234	312	738	
F2.312.Attendance - Genealogy, local history, Doors Open	7,920	13,857	14,757	11,153	12,869	361	339		61,256
F2.312.Programs - Genealogy, local history, Doors Open (Number offered)	665	845	889	920	945	30	63	4,357	
F2.313.Attendance - Adult learning (not covered elsewhere)	1,240	1,356	2,421	1,720	2,927	3,287	3,112		16,063
F2.313.Programs - Adult learning (not covered elsewhere)	143	172	219	189	324	380	324	1,751	
F2.314.Attendance - Seniors programming (Programs)	809	1,322	2,115	1,502	1,323	3,442	4,425		14,938
F2.314.Programs - Seniors programming (Number offered)	95	114	158	166	161	278	398	1,370	
F2.315.Attendance - Culture Days, poetry and story readings, art shows	1,961	2,067	1,762	4,127	5,503	5,415	4,816		25,651
F2.315.Programs - Culture Days, poetry and story readings, art shows (Number offered)	74	79	65	88	149	174	127	756	
F2.316.Attendance - First Nations Public Library Week	30		19	57	154	26	190		476
F2.316.Programs - First Nations Public Library Week (Number offered)	1		3	4	6	5	7	26	
F2.317.Attendance - First Nation Communities Reads			3	61	109	37	79		289
F2.317.Programs - First Nation Communities Reads (Number offered)			1	3	5	4	2	15	
F2.317a.Attendance - Indigenous language training and retention						0	338		338
F2.317a.Programs - Indigenous language training and retention						0	10	10	
F2.318.Attendance - Ontario Public Library Week / Canadian Library Month	569	1,214	636	762	1,284	593	1,167		6,225
F2.318.Programs - Ontario Public Library Week / Canadian Library Month (Number offered)	27	40	31	36	36	34	37	241	
F2.319.Attendance - Book Clubs		1,300	1,286	2,490	1,524	1,653	1,633		9,886
F2.319.Programs - Book Clubs (Number offered)		110	118	207	132	163	174	904	
F2.320.Attendance - Other				1,786	692	2,281	2,972		7,731
F2.320.Programs - Other				134	73	122	171	500	
								30,039 (Offered)	357,409 (Attended)

Programs offered and attendance at Ontario Public Libraries, 2011-2017

Detailed data, by band, year

Band 8 (Resident population fewer than 2,501)

	YEAR							Totals By Program	
	2011	2012	2013	2014	2015	2016	2017	Total Offered	Total Attendance
# of libraries reporting program data, 2011-2017	15	15	17	67	67	67	67		
F2.301.Attendance - Early literacy and Early learning	1,007	843	764	1,479	990	4,564	5,357		15,004
F2.301.Programs - Early literacy and Early learning (Number offered)	46	46	49	112	51	445	526	1,275	
F2.302.Attendance - Other Children's programming	12,347	10,223	8,950	4,559	6,600	8,114	7,120		57,913
F2.302.Programs - Other Children's programming (Number offered)	722	744	579	367	424	520	530	3,886	
F2.303.Attendance - Summer Reading	3,055	2,550	2,813	2,877	2,159	3,176	3,207		19,837
F2.303.Programs - Summer Reading (Number offered)	259	256	264	282	213	278	299	1,851	
F2.304.Attendance - Homework help	234	426	290	153	348	503	330		2,284
F2.304.Programs - Homework help (Number offered)	84	75	94	56	64	112	102	587	
F2.305.Attendance - Class instruction at a library or school	12,858	13,002	11,527	13,381	12,775	12,771	13,835		90,149
F2.305.Programs - Class instruction at a library or school	895	841	810	894	819	673	738	5,670	
F2.306.Attendance - Teen programming	397	469	381	384	250	359	339		2,579
F2.306.Programs - Teen programming (Number offered)	97	76	26	51	29	57	50	386	
F2.307.Attendance - Newcomer focus	5	10	86	93	84	26	25		329
F2.307.Programs - Newcomer focus (Number offered)	1	4	6	7	5	5	3	31	
F2.308.Attendance - Careers, job help / skills	319	489	647	739	621	669	379		3,863
F2.308.Programs - Careers, job help / skills (Number offered)	24	30	53	49	48	50	28	282	
F2.309.Attendance - Business Development	244	85	420	412	462	494	68		2,185
F2.309.Programs - Business Development (Number offered)	15	13	42	43	52	55	8	228	
F2.310.Attendance - Community Development	1,556	1,760	1,539	1,791	1,550	2,014	2,195		12,405
F2.310.Programs - Community Development (Number offered)	130	145	151	42	45	51	82	646	
F2.311.Attendance - Technology, social media and computer literacy	1,224	1,279	1,718	1,616	1,956	1,057	970		9,820
F2.311.Programs - Technology, social media and computer literacy (Number offered)	204	214	227	262	466	268	294	1,935	
F2.311a.Attendance Maker space, Digital media lab, Self-publishing					1,047	1,617	2,910		5,574
F2.311a.Programs Maker space, Digital media lab, Self-publishing					54	163	286	503	
F2.312.Attendance - Genealogy, local history, Doors Open	3,235	2,956	4,053	5,005	3,740	961	695		20,645
F2.312.Programs - Genealogy, local history, Doors Open (Number offered)	651	665	480	492	431	56	31	2,806	
F2.313.Attendance - Adult learning (not covered elsewhere)	1,950	1,228	1,696	820	790	1,797	1,711		9,992
F2.313.Programs - Adult learning (not covered elsewhere)	85	100	80	72	110	160	146	753	
F2.314.Attendance - Seniors programming (Programs)	1,896	2,058	2,314	3,096	3,666	1,953	2,103		17,086
F2.314.Programs - Seniors programming (Number offered)	151	176	233	235	436	154	218	1,603	
F2.315.Attendance - Culture Days, poetry and story readings, art shows	818	1,488	2,099	2,103	1,887	2,250	1,692		12,337
F2.315.Programs - Culture Days, poetry and story readings, art shows (Number offered)	50	70	85	66	55	41	41	408	
F2.316.Attendance - First Nations Public Library Week	27	26	3	2	32	186	78		354
F2.316.Programs - First Nations Public Library Week (Number offered)	5	3	2	1	3	18	4	36	
F2.317.Attendance - First Nation Communities Reads	5	6		0	8	20	1		40
F2.317.Programs - First Nation Communities Reads (Number offered)	1	1		0	1	1	1	5	
F2.317a.Attendance - Indigenous language training and retention						0	0		0
F2.317a.Programs - Indigenous language training and retention						0	0	0	
F2.318.Attendance - Ontario Public Library Week / Canadian Library Month	1,378	1,319	1,242	1,223	1,133	1,434	1,435		9,164
F2.318.Programs - Ontario Public Library Week / Canadian Library Month (Number offered)	40	44	44	41	35	29	32	265	
F2.319.Attendance - Book Clubs		1,394	1,533	1,578	1,608	1,569	1,561		9,243
F2.319.Programs - Book Clubs (Number offered)		146	139	185	182	184	216	1,052	
F2.320.Attendance - Other				1,187	1,449	2,369	2,361		7,366
F2.320.Programs - Other				66	119	237	255	677	
								24,885 (Offered)	308,169 (Attended)

Programs offered and attendance at Ontario Public Libraries, 2011-2017

Detailed data, by band, year

First Nations' Libraries

	YEAR								Totals By Program	
	# of libraries reporting program data, 2011-2017	2011	2012	2013	2014	2015	2016	2017	Total Offered	Total Attendance
F2.301.Attendance - Early literacy and Early learning		482	866	1,252	877	905	4,615	4,535		
F2.301.Programs - Early literacy and Early learning (Number offered)		57	104	112	69	60	366	460	1,228	13,532
F2.302.Attendance - Other Children's programming		4,917	5,789	8,233	4,691	4,778	8,159	6,764		43,331
F2.302.Programs - Other Children's programming (Number offered)		382	532	763	362	255	311	358	2,963	
F2.303.Attendance - Summer Reading		3,776	6,088	5,797	3,581	5,447	6,181	5,895		36,765
F2.303.Programs - Summer Reading (Number offered)		242	227	252	218	243	249	221	1,652	
F2.304.Attendance - Homework help		3,378	4,684	3,935	3,405	5,781	6,145	6,753		34,081
F2.304.Programs - Homework help (Number offered)		414	531	447	426	642	968	997	4,425	
F2.305.Attendance - Class instruction at a library or school		20,224	41,537	17,278	21,725	15,248	19,990	18,458		154,460
F2.305.Programs - Class instruction at a library or school		1,481	1,549	1,828	1,498	725	1,385	1,681	10,147	
F2.306.Attendance - Teen programming		1,823	1,532	803	819	4,961	4,729	1,295		15,962
F2.306.Programs - Teen programming (Number offered)		128	140	119	257	216	214	161	1,235	
F2.307.Attendance - Newcomer focus		54	233	168	27	318	3,006	3,018		6,824
F2.307.Programs - Newcomer focus (Number offered)		31	56	40	5	16	21	32	201	
F2.308.Attendance - Careers, job help / skills		1,382	1,272	1,034	1,421	5,939	4,640	5,267		20,955
F2.308.Programs - Careers, job help / skills (Number offered)		448	427	181	202	340	195	367	2,160	
F2.309.Attendance - Business Development		72	90	50	39	120	216	266		853
F2.309.Programs - Business Development (Number offered)		23	29	22	29	22	16	24	165	
F2.310.Attendance - Community Development		816	1,018	883	1,224	1,957	6,919	8,191		21,008
F2.310.Programs - Community Development (Number offered)		66	70	71	88	138	128	146	707	
F2.311.Attendance - Technology, social media and computer literacy		666	1,023	1,055	787	2,680	2,287	2,673		11,171
F2.311.Programs - Technology, social media and computer literacy (Number offered)		235	140	142	118	123	180	187	1,125	
F2.311a.Attendance Maker space, Digital media lab, Self-publishing						1,041	1,155	2,032		4,228
F2.311a.Programs Maker space, Digital media lab, Self-publishing						4	28	194	226	
F2.312.Attendance - Genealogy, local history, Doors Open		2,437	3,402	5,193	2,506	6,417	1,989	1,673		23,617
F2.312.Programs - Genealogy, local history, Doors Open (Number offered)		418	476	564	355	608	62	82	2,565	
F2.313.Attendance - Adult learning (not covered elsewhere)		1,509	2,487	2,221	2,018	4,881	5,870	5,731		24,717
F2.313.Programs - Adult learning (not covered elsewhere)		270	243	278	295	132	140	143	1,501	
F2.314.Attendance - Seniors programming (Programs)		1,048	1,025	1,189	948	3,299	5,064	4,526		17,099
F2.314.Programs - Seniors programming (Number offered)		206	155	166	106	112	144	180	1,069	
F2.315.Attendance - Culture Days, poetry and story readings, art shows		3,319	5,231	4,737	1,376	2,954	2,626	2,774		23,017
F2.315.Programs - Culture Days, poetry and story readings, art shows (Number offered)		198	230	166	100	93	104	190	1,081	
F2.316.Attendance - First Nations Public Library Week		3,242	2,188	2,031	1,436	1,760	1,991	1,371		14,019
F2.316.Programs - First Nations Public Library Week (Number offered)		196	132	89	79	88	84	86	754	
F2.317.Attendance - First Nation Communities Reads		2,644	1,999	1,670	1,134	1,166	805	799		10,217
F2.317.Programs - First Nation Communities Reads (Number offered)		58	77	67	74	43	37	29	385	
F2.317a.Attendance - Indigenous language training and retention							608	2,102		2,710
F2.317a.Programs - Indigenous language training and retention							29	387	416	
F2.318.Attendance - Ontario Public Library Week / Canadian Library Month		643	575	537	612	384	390	333		3,474
F2.318.Programs - Ontario Public Library Week / Canadian Library Month (Number offered)		27	16	21	21	14	14	12	125	
F2.319.Attendance - Book Clubs			665	655	608	1,025	678	708		4,339
F2.319.Programs - Book Clubs (Number offered)			67	63	57	60	66	107	420	
F2.320.Attendance - Other					621	6,699	1,776	1,381		10,477
F2.320.Programs - Other					52	475	37	60	624	
									35,174 (Offered)	496,856 (Attended)

Section **C** has the percent answering Yes to question H1.3.1. by year and by band. Not surprisingly, as the years advance, more libraries add a social media presence. **Note:** This section uses the **301** non-contracting libraries reporting each year from 2008-2017.

Table 11: Social Media, by Bands, Ontario Public Libraries, 2011-2017

A: Number of libraries using social media, 2017, by bands

(309 non-contracting libraries reporting in 2017)

Band	Libraries per Band	The library uses Social Media	% By Band
1	9	9	100
2	19	19	100
3	24	24	100
4	16	16	100
5	28	28	100
6	63	62	98
7	35	34	97
8	70	59	84
FN	45	27	60

B: Number of libraries using various types of social media, 2017, by bands

(309 non-contracting libraries reporting in 2017)

Band	Libraries per Band	The library uses Social Media	Facebook	Twitter	Pinterest	YouTube	Instagram	Blog	Google +	RSS	Flickr	Tumblr
1	9	9	9	9	5	7	8	6	0	3	2	1
2	19	19	19	19	11	16	16	6	3	6	2	1
3	24	24	23	24	8	18	15	4	3	4	1	1
4	16	16	16	13	7	9	12	6	0	0	1	1
5	28	28	28	23	15	17	17	3	3	0	1	0
6	63	62	62	38	23	14	30	9	6	3	2	2
7	35	34	34	15	8	8	13	0	3	2	0	1
8	70	59	58	10	10	7	5	2	4	1	1	1
FN	45	27	25	2	3	2	0	0	1	0	0	0
Number of libraries==>		278	274	153	90	98	116	36	23	19	10	8
% of 309 libraries==>		90	89	50	29	32	38	12	7	6	3	3

C: Libraries Using Social Media, by Bands, 2011-2017, as a %

(301 non-contracting libraries reporting 2011-2017)

Band	2011	2012	2013	2014	2015	2016	2017
1	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100
4	88	94	94	100	100	100	100
5	89	96	96	100	100	100	100
6	69	79	89	95	97	97	98
7	76	79	79	88	94	91	97
8	45	51	60	66	73	78	84
FN	50	40	45	52	64	69	64

Additional Expenditure Categories

Tables 12 focuses on expenditure categories that have been analyzed only in the last report, through the 2016 data.

Table 12 has three variables we have included in earlier analysis related to materials expenditures but here are examined as a percentage of Total Operating Expenditures. In addition, there are two variables related to staffing and two related to computer expenditures also considered as percentages of Operating Expenditures. Again, we have a part A with summary data for 2017 by Band and B is averages for these percentages by bands for 2008-2017.

Expenditures for staff are the highest of these percentages while the funds for training those staff are rather low.

Given the rapidly changing information environment libraries face—how are staff to keep up? They must have resources to attend conferences and time for a “quiet stir of thought,” as Jesse Hauk Shera put it. To do otherwise than allocate resources for staff is a matter of eating our seed corn.

Table 12: Select Expenditure Categories as a % of Total Operating Expenditures, by Band

A: Summary, 2017

	Band==>	1	2	3	4	5	6	7	8	First Nations
Total reporting by band, 2017==>		9	19	24	16	28	63	35	70	46
General [Materials] (Include all physical items that are not electronic, e.g. books, periodicals, videotapes, etc.)		7.4	7.7	6.9	5.4	6.9	8.4	8.1	12.3	3.6
Electronic Materials Expenditures		4.2	4.8	3.8	3.3	2.5	2.1	2.2	4.4	3.3
Materials (Expenditures for) [General + Electronic]		11.6	12.6	10.7	8.7	9.3	10.5	10.3	16.8	7.0
Staffing (Total funds spent on all staff, including benefits.)		69.8	68.2	68.7	71.3	69.4	66.5	60.9	53.3	68.9
Staff Training (Total funds spent on staff training, including travel and accommodation)		0.4	0.4	0.6	0.6	0.6	0.7	1.0	0.8	2.8
Dedicated Internet Connectivity Costs (e.g. wireless, ISDN, dedicated lines.)		0.3	0.6	0.5	0.2	0.5	0.6	1.0	1.6	1.9
Computer Services (Total spent on computer equipment and related expenses, e.g. computer maintenance contracts, etc., new automated systems, etc.)		1.7	2.8	2.2	2.8	2.4	3.0	3.2	4.1	5.5

B: Summary data by bands, 2008-2017

	Band==>	1	2	3	4	5	6	7	8	First Nations
Total reporting by band, 2008-2017==>		90	190	240	160	280	620	340	670	420
General [Materials] (Include all physical items that are not electronic, e.g. books, periodicals, videotapes, etc.)		8.8	8.8	8.3	7.2	8.1	10.1	10.0	13.0	7.0
Electronic Materials Expenditures		3.3	3.1	2.7	2.1	1.7	1.5	1.5	2.8	1.5
Materials (Expenditures for) [General + Electronic]		12.1	12.0	10.4	9.0	9.3	11.0	10.8	15.0	7.8
Staffing (Total funds spent on all staff, including benefits.)		70.3	68.6	67.4	70.1	67.1	64.6	61.4	58.0	67.3
Staff Training (Total funds spent on staff training, including travel and accommodation)		0.4	0.4	0.6	0.6	0.7	0.7	1.1	1.0	3.2
Dedicated Internet Connectivity Costs (e.g. wireless, ISDN, dedicated lines.)		0.3	0.6	0.4	0.2	0.4	0.7	1.1	1.4	2.1
Computer Services (Total spent on computer equipment and related expenses, e.g. computer maintenance contracts, etc., new automated systems, etc.)		1.9	2.9	2.5	3.0	2.8	3.1	3.8	4.9	4.8

Library Partnerships: Friends and Consortia

The Ministry began collecting and reporting data on Consortia and on Friends organizations. These kinds of organizations are important in the library world: libraries cannot own all materials and there are often scale economies in group purchases.

We report on those data for the 301 libraries in Table 13, where we have both data for all these libraries but also by Band.

Table 13: Library Partnerships, 2011-2017, by band
301 libraries reporting each year

All libraries

	# of libraries with a Friends or similar	# of Friends or similar	# of libraries with a Cultural Partnership	# of Cultural Partnerships	# of libraries with an Educational Sector Partnership	# of Educational Sector Partnerships	# of libraries with an Government Services Partnership	# of libraries with a Business Partnership	(Consortia) ILS	(Consortia) Books	(Consortia) E-books	(Consortia) Databases
2011	136	311	174	790	215	855	230	0	79	47	179	51
2012	141	289	194	913	231	954	223	102	95	60	197	65
2013	140	296	202	1,235	239	1,155	196	110	99	53	195	177
2014	135	212	206	1,456	246	1,193	191	116	110	64	211	201
2015	128	223	209	1,555	237	1,240	194	120	111	72	236	214
2016	133	238	206	1,653	249	1,226	181	135	113	97	230	159
2017	132	241	203	1,776	244	1,466	179	129	121	101	226	165

Band 1 (Resident population greater than 250,000)

9 libraries

	# of libraries with a Friends or similar	# of Friends or similar	# of libraries with a Cultural Partnership	# of Cultural Partnerships	# of libraries with an Educational Sector Partnership	# of Educational Sector Partnerships	# of libraries with an Government Services Partnership	# of libraries with a Business Partnership	(Consortia) ILS	(Consortia) Books	(Consortia) E-books	(Consortia) Databases
2011	7	10	9	184	9	138	9	0	1	0	3	5
2012	7	9	9	212	9	150	9	5	1	0	3	3
2013	7	8	9	404	9	276	9	7	1	0	3	4
2014	7	8	9	450	9	232	9	7	2	1	2	6
2015	5	6	9	408	9	239	8	7	1	0	2	5
2016	5	6	9	375	9	201	8	8	1	1	1	5
2017	5	6	9	530	8	391	8	7	1	0	2	4

Table 13: Library Partnerships, 2011-2017, by band (continued)

Band 2 (Resident population greater than 100,000 and fewer than 250,001)

19 libraries

	# of libraries with a Friends or similar		# of libraries with a Cultural Partnership		# of libraries with an Educational Sector Partnership		# of libraries with an Government Services Partnership		# of libraries with a Business Partnership		(Consortia) ILS	(Consortia) Books	(Consortia) E-books	(Consortia) Databases
2011	11	17	19	122	17	101	17	0	4	11	6			
2012	11	17	19	142	18	145	18	14	5	10	8			
2013	9	14	19	166	18	134	16	14	5	8	13			
2014	8	13	18	210	18	144	18	14	4	9	17			
2015	8	13	19	257	19	162	17	14	4	10	17			
2016	9	15	18	277	19	149	16	16	3	9	15			
2017	10	13	19	319	19	239	17	14	2	9	14			

Band 3 (Resident population greater than 50,000 and fewer than 100,001)

24 libraries

	# of libraries with a Friends or similar		# of libraries with a Cultural Partnership		# of libraries with an Educational Sector Partnership		# of libraries with an Government Services Partnership		# of libraries with a Business Partnership		(Consortia) ILS	(Consortia) Books	(Consortia) E-books	(Consortia) Databases
2011	14	46	18	72	19	76	22	0	13	20	10			
2012	14	45	19	77	20	88	19	14	12	20	9			
2013	14	45	21	101	22	104	21	16	10	20	22			
2014	14	36	21	149	23	114	21	18	13	20	19			
2015	14	35	23	121	22	128	20	18	12	21	25			
2016	14	35	24	138	22	161	21	22	13	20	21			
2017	15	34	23	119	22	145	21	22	12	19	21			

Table 13: Library Partnerships, 2011-2017, by band (continued)

Band 4 (Resident population greater than 30,000 and fewer than 50,001)

16 libraries

	# of libraries with a Friends or similar		# of libraries with a Cultural Partnership		# of libraries with an Educational Sector Partnership		# of libraries with an Government Services Partnership		# of libraries with a Business Partnership		(Consortia)	(Consortia)	(Consortia)	(Consortia)
	# of	# of	# of	# of	# of	# of	# of	# of	# of	# of	ILS	Books	E-books	Databases
2011	11	17	15	102	14	124	15	0	5	6	14	7		
2012	10	14	15	113	13	106	15	11	5	6	16	9		
2013	12	16	16	160	12	109	15	13	8	7	15	14		
2014	12	17	16	191	13	110	14	13	8	7	14	13		
2015	11	15	16	250	14	131	15	13	8	8	18	14		
2016	11	15	16	308	14	104	15	13	9	12	20	16		
2017	11	15	16	304	15	110	15	14	9	13	19	17		

Band 5 (Resident population greater than 15,000 and fewer than 30,001)

28 libraries

	# of libraries with a Friends or similar		# of libraries with a Cultural Partnership		# of libraries with an Educational Sector Partnership		# of libraries with an Government Services Partnership		# of libraries with a Business Partnership		(Consortia)	(Consortia)	(Consortia)	(Consortia)
	# of	# of	# of	# of	# of	# of	# of	# of	# of	# of	ILS	Books	E-books	Databases
2011	16	22	20	50	22	99	23	0	11	6	23	3		
2012	17	23	25	78	25	119	23	20	12	3	23	7		
2013	16	48	26	105	28	148	21	21	11	4	25	23		
2014	15	22	28	127	28	164	22	22	13	5	28	26		
2015	15	21	28	137	28	152	25	22	15	5	33	26		
2016	16	24	28	137	28	140	22	22	15	6	31	21		
2017	16	23	28	138	28	132	21	21	14	10	30	22		

Table 13: Library Partnerships, 2011-2017, by band (continued)

Band 6 (Resident population greater than 5,000 and fewer than 15,001)

62 libraries

	# of libraries with a Friends or similar		# of libraries with a Cultural Partnership		# of libraries with an Educational Sector Partnerships		# of libraries with an Government Services Partnership			(Consortia) ILS	(Consortia) Books	(Consortia) E-books	(Consortia) Databases
	# of	similar	# of	Partnerships	# of	Partnerships	# of	Partnerships					
2011	37		65	39	135	51	127	49	0	25	12	43	7
2012	36		74	49	160	56	159	52	23	27	14	45	11
2013	37		69	49	161	57	188	41	19	29	13	47	36
2014	38		61	51	189	58	210	43	24	31	15	56	45
2015	37		50	50	244	57	230	45	27	32	18	60	44
2016	37		53	48	265	57	241	41	30	36	22	68	29
2017	34		57	49	229	56	213	38	34	38	26	63	33

Band 7 (Resident population greater than 2,500 and fewer than 5,001)

33 libraries

	# of libraries with a Friends or similar		# of libraries with a Cultural Partnership		# of libraries with an Educational Sector Partnerships		# of libraries with an Government Services Partnership			(Consortia) ILS	(Consortia) Books	(Consortia) E-books	(Consortia) Databases
	# of	similar	# of	Partnerships	# of	Partnerships	# of	Partnerships					
2011	13		33	18	46	23	53	29	0	5	2	22	6
2012	16		22	18	48	27	62	26	8	9	9	28	4
2013	16		25	20	52	26	58	20	8	10	6	24	17
2014	14		19	20	51	28	81	19	6	9	6	26	24
2015	13		17	17	47	27	67	18	6	12	11	27	26
2016	15		32	19	63	29	79	18	8	8	20	28	18
2017	15		24	16	54	27	77	17	6	11	15	28	16

Table 13: Library Partnerships, 2011-2017, by band (continued)

Band 8 (Resident population fewer than 2,501)

68 libraries

	# of libraries with a Friends or similar		# of libraries with a Cultural Partnership		# of libraries with an Educational Sector Partnership		# of libraries with an Government Services Partnership		# of libraries with a Business Partnership		(Consortia)	(Consortia)	(Consortia)	(Consortia)
	similar	similar	Partnership	Partnerships	Partnership	Partnerships	Partnership	Partnerships	Partnership	Partnerships	ILS	Books	E-books	Databases
2011	23	82	24	43	36	71	44	0	10	6	26	7		
2012	25	76	28	60	38	77	43	5	16	9	33	13		
2013	24	62	28	58	43	88	39	8	16	8	35	33		
2014	23	30	28	61	43	93	34	9	20	13	35	35		
2015	21	41	29	56	38	85	36	8	21	16	49	37		
2016	21	37	29	60	45	98	33	11	23	17	46	29		
2017	22	50	29	55	44	105	33	8	27	21	49	31		

First Nations' Libraries

43 libraries

	# of libraries with a Friends or similar		# of libraries with a Cultural Partnership		# of libraries with an Educational Sector Partnership		# of libraries with an Government Services Partnership		# of libraries with a Business Partnership		(Consortia)	(Consortia)	(Consortia)	(Consortia)
	similar	similar	Partnership	Partnerships	Partnership	Partnerships	Partnership	Partnerships	Partnership	Partnerships	ILS	Books	E-books	Databases
2011	4	19	12	36	24	66	22	0	5	5	17	0		
2012	5	9	12	23	25	48	18	2	8	8	19	1		
2013	5	9	14	28	24	50	14	4	9	7	18	15		
2014	4	6	15	28	26	45	11	3	10	9	21	16		
2015	4	25	18	35	23	46	10	5	6	6	16	20		
2016	5	21	15	30	26	53	7	5	5	8	7	5		
2017	4	19	14	28	24	52	8	3	7	7	7	7		

New Variables for 2017

Table 14 has seven new variables that report a number and we include the responses for each library. The reader will note that aspects of digital resources are featured in several of the questions as are data on courses take by cardholders. Wireless hotspots are another new variable.

The question about students or others hired on a short-term basis is now recorded as is the number of visits paid by library staff to homebound or people at risk. What a good thing for libraries to do and one that should be noted. That reported total is 60,505 for the year.

Table 14: New variables in 2017, by bands, Ontario Public Libraries

			Revenue for	Number of	Number of	Number of	Total # of	How many	Number of
			Improving	Number of	cardholders	Number of	students	circulating	visits to
			Library Digital	E-learning	who took	courses	hired on	wireless	residence-
			Services	services	E-learning	taken by	short term	hotspots?	bound or
Band	Library Name	Library Number	\$	provided	courses	cardholders	basis?		people at
									risk
Band 1 (Resident population greater than 250,000)									
1	Brampton	L0041	59,560	5	3,237	11,984	1	0	1,224
1	Hamilton	L0474	79,088	2	4,284	11,889	16	0	3,016
1	Kitchener	L0127	26,770	3	996	24,737	1	60	516
1	London	L0245	55,081	6	9,296	17,031	17	0	642
1	Markham	L0099	0	3	0	37,057	22	0	0
1	Mississauga	L0206	92,100	2	2,527	14,490	0	0	1,092
1	Ottawa	L0481	127,674	2	14,202	111,153	2	0	7,380
1	Toronto	L0353	0	9	133,342	201,545	0	783	13,665
1	Vaughan	L0359	36,135	11	1,160	6,126	10	10	0
Totals for this band==>			476,408	43	169,044	436,012	69	853	27,535
Band 2 (Resident population greater than 100,000 and fewer than 250,001)									
2	Ajax	L0032	13,387	0	0	0	3	0	173
2	Barrie	L0043	15,782	4	502	6,476	6	0	1,018
2	Burlington	L0037	24,947	4	8,492	8,676	2	0	2,672
2	Cambridge	L0104	16,337	1	938	1,217	30	0	416
2	Chatham-Kent	L0121	25,504	1	322	1,086	4	0	414
2	Essex County	L0153	0	0	0	0	2	0	135
2	Greater Sudbury	L0470	30,876	2	1,823	2,156	1	0	1,860
2	Guelph	L0389	18,324	5	4,038	7,724	3	10	202
2	Kingston-Frontenac County	L0213	33,564	1	462	1,321	0	0	528
2	Lambton County	L0239	48,197	2	488	2,183	7	0	0
2	Milton	L0434	9,050	2	10,572	10,572	3	0	12
2	Oakville	L0247	0	3	2,067	4,095	6	0	1,392
2	Oshawa	L0253	0	3	1,725	37,719	2	0	1,027
2	Richmond Hill	L0294	22,183	2	1,644	3,360	1	0	689
2	St. Catharines	L0025	0	2	835	932	0	0	528
2	Thunder Bay	L0349	14,688	1	80	507	0	0	1,367
2	Waterloo City	L0365	12,311	2	2,235	3,696	8	0	154
2	Whitby	L0027	14,622	1	492	2,297	9	10	360
2	Windsor	L0378	0	1	1,218	1,218	5	0	175
Totals for this band==>			296,772	37	37,933	95,235	92	20	13,122
Band 3 (Resident population greater than 50,000 and fewer than 100,001)									
3	Aurora	L0033	5,838	4	248	951	0	0	87
3	Belleville	L0081	6,873	1	451	451	2	0	867
3	Brantford	L0039	11,183	2	3,248	11,211	10	0	1,193
3	Bruce County	L0089	30,110	1	453	915	0	0	36
3	Caledon	L0049	13,948	3	681	1,019	3	50	34
3	Clarington, Municipality of	L0113	12,586	2	424	10,448	3	0	0
3	Elgin County	L0151	16,755	1	28	74	1	0	0
3	Georgina	L0072	7,959	0	0	0	1	0	150
3	Halton Hills	L0326	0	0	0	0	2	7	528
3	Huron County	L0188	21,483	0	0	0	3	0	77
3	Kawartha Lakes, City of	L0476	30,300	1	781	781	7	0	0
3	Middlesex County Library	L0205	25,329	1	207	546	1	0	0
3	Newmarket	L0019	8,590	3	226	689	1	0	336
3	Niagara Falls	L0222	12,451	0	0	0	4	0	252
3	Norfolk County	L0480	0	4	95	387	3	0	3
3	North Bay	L0227	8,326	0	0	0	4	0	175
3	Oxford County	L0257	23,863	4	578	1,564	0	0	873
3	Peterborough	L0268	10,902	1	37	59	0	0	0
3	Pickering	L0340	0	3	3,763	6,272	0	10	1,167
3	Sault Ste. Marie	L0191	17,738	0	0	0	4	0	250
3	Stormont, Dundas & Glengarry County	L0319	29,116	0	0	0	3	15	360
3	Waterloo Region	L0270	16,166	1	216	216	2	0	10
3	Welland	L0366	6,830	0	0	0	2	0	90
3	Wellington County	L0367	25,324	0	0	0	7	98	167
Totals for this band==>			341,670	32	11,436	35,583	63	180	6,655

Table 14: New variables in 2017, by bands, Ontario Public Libraries (continued)

Band 4 (Resident population greater than 30,000 and fewer than 50,001)			Revenue for	Number of	Number of	Number of	Total # of	How many	Number of
Band	Library Name	Library Number	Improving Library Digital Services	E-learning services provided	cardholders who took E-learning courses	courses taken by cardholders	students hired on short term basis?	circulating wireless hotspots?	visits to residence-bound or people at risk
			\$						
4	Bradford West Gwillimbury Town	L0086	3,740	5	12	19	4	0	28
4	Brant County	L0040	9,517	2	671	767	3	0	2,496
4	Cornwall	L0047	7,024	0	0	0	0	0	82
4	Fort Erie	L0156	6,455	0	0	0	0	0	0
4	Haldimand County	L0473	0	3	183	1,062	2	0	31
4	Innisfil	L0277	8,638	1	34	51	3	0	284
4	Lennox and Addington County	L0243	13,689	0	0	0	0	0	52
4	New Tecumseth	L0207	8,173	0	0	0	9	0	48
4	Orillia	L0023	4,724	3	0	343	2	0	184
4	Owen Sound & North Grey Union	L0256	6,645	0	0	0	8	0	299
4	Quinte West	L0285	8,106	0	0	0	2	0	396
4	St. Thomas	L0315	4,391	2	239	313	0	0	153
4	Stratford	L0269	4,310	1	512	746	1	0	900
4	Timmins	L0351	12,503	0	0	0	4	0	250
4	Whitchurch-Stouffville	L0148	4,205	2	12	12	0	9	681
4	Woodstock	L0379	4,775	0	0	0	3	0	0
Totals for this band==>			106,895	19	1,663	3,313	41	9	5,884

Band 5 (Resident population greater than 15,000 and fewer than 30,001)

Band	Library Name	Library Number	Revenue for	Number of	Number of	Number of	Total # of	How many	Number of
			\$	E-learning services provided	cardholders who took E-learning courses	courses taken by cardholders	students hired on short term basis?	circulating wireless hotspots?	visits to residence-bound or people at risk
5	Brockville	L0088	4,123	1	352	352	1	0	152
5	Clarence-Rockland	L0120	8,601	0	0	0	2	0	14
5	Cobourg	L0116	6,911	0	0	0	3	0	400
5	Collingwood	L0066	3,228	2	25	26	0	0	12
5	East Gwillimbury	L0147	4,345	2	95	373	5	11	60
5	Essa	L0387	3,634	2	261	263	2	6	0
5	Grimsby	L0169	3,466	1	266	727	3	0	180
5	Huntsville	L0185	4,860	2	120	369	0	2	98
5	Kenora City	L0485	14,351	0	0	0	3	0	76
5	King Twp	L0125	6,239	3	133	522	4	0	10
5	Lincoln	L0433	3,982	0	0	0	0	0	25
5	Midland	L0022	3,605	0	0	0	3	0	0
5	Niagara-on-the-Lake	L0223	3,000	1	198	430	4	0	36
5	North Grenville Twp	L0228	4,351	0	0	0	3	0	0
5	Orangeville	L0074	0	2	264	360	2	0	384
5	Pelham	L0262	3,335	0	0	0	1	0	42
5	Perth and District Union	L0264	3,896	1	68	102	7	0	132
5	Petawawa	L0267	5,506	1	0	301	3	0	65
5	Port Colborne	L0024	3,000	0	0	0	0	0	48
5	Port Hope	L0499	4,025	0	0	0	2	0	160
5	Prince Edward County	L0276	10,702	1	0	0	2	5	1,011
5	Russell	L0300	3,111	0	0	0	0	0	141
5	Scugog Memorial	L0304	3,000	0	0	0	1	0	26
5	Selwyn	L0309	6,334	1	0	1,467	1	0	11
5	Springwater Twp	L0259	4,557	2	8	8	3	0	37
5	Thorold	L0348	3,000	0	0	0	1	0	0
5	Uxbridge Twp	L0356	4,064	1	12	14	8	0	0
5	Wasaga Beach	L0364	3,000	3	4	4	0	0	12
Totals for this band==>			132,226	26	1,806	5,318	64	24	3,132

Table 14: New variables in 2017, by bands, Ontario Public Libraries (continued)

Band 6 (Resident population greater than 5,000 and fewer than 15,001)			Revenue for	Number of	Number of	Total # of	How many	Number of	
Band	Library Name	Library Number	Improving Library Digital Services	E-learning services provided	cardholders who took E-learning courses	courses taken by cardholders	students hired on short term basis?	circulating wireless hotspots?	visits to residence-bound or people at risk
			\$						
6	Alfred & Plantagenet Twp	L0004	0	0	0	0	2	0	13
6	Alnwick/Haldimand Twp	L0487	6,069	0	0	0	2	0	0
6	Arnprior	L0014	3,196	1	111	297	3	0	263
6	Augusta Twp	L0010	3,000	0	0	0	0	0	2
6	Bonnechere Union	L0080	4,278	1	24	24	1	0	86
6	Bracebridge	L0070	4,950	0	0	0	1	0	102
6	Brighton Public Library Board	L0466	4,767	0	0	0	1	0	0
6	Brock Twp	L0038	5,588	1	37	86	1	0	36
6	Carleton Place	L0048	3,000	1	51	108	3	0	0
6	Cavan Monaghan Public Library Board, Township of	L0045	3,503	0	0	0	2	0	50
6	Champlain Twp	L0108	3,448	0	0	0	0	0	24
6	Clearview Twp	L0115	4,866	2	3	3	2	0	12
6	Cramahe Twp	L0119	5,219	0	0	0	1	0	32
6	Dryden	L0138	0	0	0	0	1	0	0
6	Edwardsburgh/Cardinal Twp	L0467	3,848	0	0	0	1	0	6
6	Elizabethtown - Kitley	L0469	5,205	0	0	0	0	0	0
6	Elliot Lake	L0152	4,935	0	0	0	0	4	0
6	Espanola	L0052	3,000	0	0	0	4	0	24
6	Fort Frances	L0157	8,982	1	33	33	3	0	42
6	Gananoque	L0160	3,000	0	0	0	0	0	26
6	Gravenhurst Public Library	L0168	3,000	0	0	0	2	0	24
6	Grey Highlands	L0472	5,319	0	0	0	2	0	35
6	Haliburton County	L0171	12,637	0	0	0	6	0	0
6	Hanover	L0174	3,086	0	0	0	3	0	48
6	Hawkesbury	L0059	3,502	0	0	0	1	0	82
6	Hearst Twp	L0180	12,865	0	0	0	0	0	0
6	Kapuskasing	L0122	13,821	0	0	0	2	15	0
6	Kirkland Lake	L0126	8,002	0	0	0	1	0	12
6	La Nation	L0091	4,906	0	0	0	1	0	10
6	Lanark Highlands	L0330	3,000	0	0	0	0	0	0
6	Leeds and the Thousand Islands Twp	L0477	5,788	0	0	0	4	0	15
6	Meaford	L0203	3,215	1	47	193	2	0	121
6	Mississippi Mills	L0210	3,744	0	0	0	5	0	144
6	Muskoka Lakes Twp	L0212	4,603	0	0	0	0	0	0
6	North Perth	L0231	5,032	0	0	0	1	0	72
6	Oliver Paipooonge	L0165	0	0	0	0	2	0	24
6	Otonabee-South Monaghan Twp	L0255	5,337	0	0	0	0	0	0
6	Parry Sound	L0095	3,832	0	0	0	5	0	32
6	Pembroke	L0071	5,748	0	0	0	1	0	615
6	Penetanguishene	L0263	3,000	0	0	0	1	0	16
6	Perth East	L0265	3,000	0	0	0	3	0	24
6	Powassan & District Union Public Library	L0273	4,405	0	0	0	5	0	0
6	Ramara Twp	L0287	3,567	3	5	7	1	0	0
6	Renfrew	L0292	3,085	0	0	0	5	0	86
6	Rideau Lakes Public Library	L0498	0	0	0	0	2	0	24
6	Severn Township Library	L0258	3,000	12	32	132	0	0	0
6	Shelburne	L0075	3,385	1	36	40	4	0	116
6	Sioux Lookout	L0031	9,440	0	0	0	4	0	8
6	Smiths Falls	L0209	3,000	0	0	0	4	0	189
6	Southgate Twp.	L0332	3,000	0	0	0	1	0	0
6	St. Marys Public Library	L0271	3,000	0	0	0	1	0	36
6	Tay Twp	L0342	4,681	1	4	4	2	0	36
6	Temiskaming Shores	L1037	0	0	0	0	14	0	61
6	The Blue Mountains	L0065	3,000	1	0	368	2	0	26
6	Trent Hills	L0500	6,671	0	0	0	3	0	16
6	Trent Lakes	L0159	4,392	0	0	0	1	0	0
6	Tweed	L0355	3,000	0	0	0	4	0	12
6	Wainfleet Twp	L0362	3,000	0	0	0	3	0	2
6	West Grey Twp	L0336	7,404	0	0	0	1	0	72
6	West Lincoln Twp	L0370	4,739	0	0	0	0	0	0
6	West Nipissing	L0371	8,485	0	0	0	0	0	192
6	West Perth	L0372	3,000	0	0	0	2	0	25
6	Whitewater Region	L0482	6,070	0	0	0	0	0	0
Totals for this band==>			284,615	26	383	1,295	129	19	2,893

Table 14: New variables in 2017, by bands, Ontario Public Libraries (continued)

Band 7 (Resident population greater than 2,500 and fewer than 5,001)			Revenue for Improving Library Digital Services	Number of E-learning services provided	Number of cardholders who took E-learning courses	Number of courses taken by cardholders	Total # of students hired on short term basis?	How many circulating wireless hotspots?	Number of visits to residence-bound or people at risk
Band	Library Name	Library Number	\$						
7	Admaston/Bromley Twp	L0002	3,078	0	0	0	1	0	12
7	Asphodel-Norwood	L0016	4,224	0	0	0	1	0	24
7	Athens Twp	L0018	3,150	0	0	0	0	0	20
7	Atikokan	L0011	5,127	0	0	0	3	0	36
7	Bancroft Town	L0062	4,876	0	0	0	1	0	0
7	Burk's Falls, Armour & Ryerson Union	L0090	4,190	0	0	0	2	0	2
7	Callander	L1036	3,704	0	0	0	3	0	8
7	Casselman	L0107	3,000	0	0	0	0	0	0
7	Centre Hastings	L0110	3,153	0	0	0	2	0	6
7	Cochrane Public Library Board	L0117	10,711	0	0	0	2	0	34
7	Deep River	L0051	5,016	0	0	0	0	0	0
7	Douro-Dummer Twp	L0136	3,649	0	0	0	2	0	0
7	East Ferris	L0145	4,031	0	0	0	0	0	0
7	French River	L0325	3,394	2	13	65	1	8	0
7	Front of Yonge Twp	L0448	3,523	0	0	0	0	0	0
7	Grand Valley Library Board	L0073	0	0	0	0	1	0	3
7	Greater Madawaska Twp	L0478	3,000	0	0	0	1	0	0
7	Greenstone	L0471	10,824	0	0	0	0	0	0
7	Hastings Highlands Twp	L0475	5,298	0	0	0	2	0	0
7	Havelock-Belmont-Methuen Twp	L0058	5,650	0	0	0	1	0	30
7	Iroquois Falls	L0278	12,278	0	0	0	1	0	0
7	Lake of Bays Twp	L0238	4,225	0	0	0	0	0	0
7	Laurentian Hills	L0384	5,888	0	0	0	1	0	0
7	Madawaska Valley Twp	L0496	4,934	0	0	0	2	0	0
7	Marathon	L0196	7,551	3	0	0	4	1	12
7	Marmora and Lake Twp	L0463	3,307	0	0	0	2	0	28
7	Merrickville-Wolford	L0204	3,000	0	0	0	0	0	0
7	Northeastern Manitoulin and the Islands	L0232	3,135	0	0	0	3	3	52
7	Prescott	L0274	3,000	0	0	0	1	0	25
7	Red Lake	L0290	14,390	0	0	0	0	0	0
7	Sables-Spanish Rivers Twp	L0303	3,793	0	0	0	2	0	0
7	Seguin Twp	L0321	8,533	0	0	0	2	0	0
7	Stirling-Rawdon	L0318	3,000	0	0	0	0	0	55
7	Tyendinaga Twp	L0339	3,000	0	0	0	3	0	85
7	Wawa	L0178	10,190	0	0	0	0	0	0
Totals for this band==>			179,822	5	13	65	44	12	432

Band 8 (Resident population fewer than 2,501) (partial)

Band	Library Name	Library Number	Revenue	E-learning services	Cardholders	Courses	Students	Hotspots	Visits
8	Addington Highlands Twp	L0005	3,805	0	0	0	0	0	0
8	Armstrong Twp	L0013	5,945	0	0	0	0	0	6
8	Assignack Twp	L0017	3,557	0	0	0	1	0	12
8	Billings Twp	L0082	4,018	0	0	0	1	0	0
8	Black River-Matheson Twp	L0083	9,917	0	0	0	1	0	1
8	Blind River	L0429	4,310	0	0	0	1	0	0
8	Bonfield	L0084	0	0	0	0	0	0	0
8	Britt Area	L0322	3,000	0	0	0	0	0	0
8	Bruce Mines & Plummer Additional Union	L0044	5,810	0	0	0	1	0	0
8	Carlow/Mayo Public Library	L0106	4,433	0	0	0	0	0	0
8	Central Manitoulin Twp	L0109	5,259	0	0	0	1	0	25
8	Chapleau Twp	L0112	7,350	0	0	0	0	0	0
8	Cobalt Twp	L0102	5,034	0	0	0	2	0	12
8	Deseronto	L0323	3,000	0	0	0	1	0	18
8	Dorion Twp	L0050	3,000	0	0	0	2	0	5
8	Dubreuilville Twp	L0427	11,442	0	0	0	0	0	0
8	Ear Falls Twp	L0144	0	0	0	0	0	0	0
8	Emo Twp	L0098	9,297	0	0	0	1	0	6
8	Englehart	L0054	6,419	0	0	0	2	0	4
8	Fauquier-Strickland Twp	L0055	12,267	0	0	0	1	0	0
8	Georgian Bay Twp	L0162	4,101	2	12	12	1	0	0
8	Gogama LSB	L0465	4,525	0	0	0	0	0	0
8	Gore Bay Union	L0302	4,532	0	0	0	1	0	0
8	Head, Clara & Maria	L0179	5,460	0	0	0	0	0	0

Table 14: New variables in 2017, by bands, Ontario Public Libraries (continued)

Band 8 (Resident population fewer than 2,501) (continued)			Revenue for Improving Library Digital Services \$	Number of E-learning services provided	Number of cardholders who took E-learning courses	Number of courses taken by cardholders	Total # of students hired on short term basis?	How many circulating wireless hotspots?	Number of visits to residence- bound or people at risk
	Library Name	Library Number							
8	Hilton Union	L0183	11,639	0	0	0	0	0	0
8	Hornepayne Twp	L0184	11,703	0	0	0	0	0	0
8	Huron Shores	L0189	4,671	0	0	0	0	0	0
8	Ignace	L0327	5,956	0	0	0	0	0	9
8	James Twp	L0280	6,689	0	0	0	0	0	2
8	Kearney & Area	L0123	3,820	0	0	0	1	0	0
8	Killaloe, Hagarty & Richards Twp	L0385	4,222	0	0	0	2	0	0
8	Larder Lake Public Library	L0240	7,065	1	50	57	2	0	0
8	Loring, Port Loring and District Local Services Board	L0497	3,179	0	0	0	0	0	0
8	M'Chigeeng FN	L0406	3,662	0	0	0	0	0	0
8	Magnetawan FN	L0407	3,000	0	0	0	0	0	0
8	Manitowadge	L0195	9,507	0	0	0	0	0	2
8	Markstay-Warren	L0447	3,000	0	0	0	2	0	4
8	Mattagami FN	L0428	4,943	0	0	0	0	0	0
8	Mattice-Val Cote Twp	L0020	12,977	0	0	0	1	0	10
8	McGarry Twp	L0199	7,328	0	0	0	1	0	0
8	McKellar Twp	L0200	4,309	0	0	0	1	0	0
8	Moonbeam Twp	L0211	0	0	0	0	2	0	15
8	Nipigon Twp	L0225	3,000	0	0	0	2	0	0
8	North Kawartha Twp	L0382	4,831	0	0	0	2	0	0
8	Opasatika	L0250	0	0	0	0	0	0	0
8	Perry Twp	L0202	0	0	0	0	0	0	10
8	Phelps	L0261	3,000	0	0	0	0	0	0
8	Prince Twp Public Library	L0275	0	0	0	0	1	0	4
8	Rainy River	L0131	10,526	0	0	0	0	0	25
8	Red Rock Twp	L0291	0	0	0	0	2	0	0
8	Schreiber Twp	L0301	5,069	0	0	0	2	0	29
8	Simcoe County Co-operative	L0307	3,000	2	4	4	0	0	0
8	Sioux Narrows Nestor Falls Twp	L0308	11,578	0	0	0	0	0	0
8	Smooth Rock Falls	L0310	0	0	0	0	0	0	0
8	South Algonquin Twp	L0311	7,020	0	0	0	0	0	0
8	South River-Machar Union	L0312	4,616	0	0	0	1	0	0
8	Spanish Twp	L0381	3,000	0	0	0	0	0	0
8	St. Charles	L0313	3,000	0	0	0	1	0	2
8	St. Joseph Twp	L0314	6,362	0	0	0	1	0	0
8	Sundridge-Strong Union	L0284	4,516	0	0	0	0	0	4
8	Tehkummah Twp	L0343	4,153	0	0	0	0	0	0
8	Temagami	L0021	3,865	0	0	0	0	0	2
8	Terrace Bay Twp	L0344	0	0	0	0	1	0	6
8	Thessalon	L0346	0	0	0	0	0	0	0
8	Tudor & Cashel Twp	L0450	3,605	0	0	0	0	0	0
8	Val Rita-Harty Twp	L0357	13,250	0	0	0	0	0	0
8	Westport	L0374	3,000	0	0	0	0	0	0
8	White River Twp	L0375	0	0	0	0	1	0	0
8	Whitestone-Hagerman Memorial	L0377	4,712	0	0	0	2	0	4
8	Wollaston	L0380	4,105	0	0	0	0	0	0
Totals for this band==>			340,359	5	66	73	45	0	217

lands, Ontario Public Libraries (continued)

First Nations' Libraries

Band	Library Name	Library Number	Revenue for Improving Library Digital Services \$	Number of E-learning services provided	Number of cardholders who took E-learning courses	Number of courses taken by cardholders	Total # of students hired on short term basis?	How many circulating wireless hotspots?	Number of visits to residence- bound or people at risk
FN	Alderville FN	L0390	3,000	0	0	0	0	0	0
FN	Algonquins of Pikwakanagan FN	L0391	3,519	0	0	0	0	0	0
FN	Atikameksheng Anishnawbek Band No. 6 FN	L0424	0	0	0	0	0	0	500
FN	Aundeck-Omni-Kaning FN	L1035	3,000	0	0	0	0	0	8
FN	Beausoleil First Nation Public Library	L0393	3,000	0	0	0	2	0	0
FN	Big Grassy FN	L0394	11,780	0	0	0	0	0	0
FN	Biigtigong Nishnaabeg	L0456	3,000	0	0	0	0	0	0
FN	Bkejwanong FN	L0462	3,345	0	0	0	0	0	0
FN	Chippewas of Georgina Island FN	L0396	3,000	0	0	0	0	0	0
FN	Chippewas of Kettle & Stony Point FN	L0397	3,000	0	0	0	0	0	6
FN	Chippewas of Nawash FN	L0411	3,602	0	0	0	0	0	20
FN	Chippewas of Rama FN	L0398	3,000	0	0	0	6	0	6
FN	Chippewas of the Thames FN	L0400	0	0	0	0	0	0	0
FN	Curve Lake FN	L0402	3,000	0	0	0	0	0	0
FN	Delaware FN	L0431	3,000	0	0	0	0	0	0
FN	Dokis FN	L0403	3,000	0	0	0	0	0	0
FN	Garden River FN	L0404	6,769	0	0	0	0	0	0
FN	Henvey Inlet FN	L0460	3,000	0	0	0	0	5	0
FN	Iskatewizaagegan No. 39 FN	L0438	12,406	0	0	0	0	0	0
FN	Magnetawan Twp	L0194	5,224	0	0	0	1	0	0
FN	Mattawa	L0134	4,814	0	0	0	2	0	0
FN	Michipicoten FN	L0464	10,095	0	0	0	0	0	2
FN	Mississauga FN	L0459	3,945	0	0	0	1	1	0
FN	Mississaugas of Scugog Island FN	L0440	3,000	0	0	0	0	0	0
FN	Mohawks of Akwesasne FN	L0408	0	1	0	0	1	0	0
FN	Mohawks of the Bay of Quinte FN	L0405	3,000	0	0	0	1	0	0
FN	Naoakamegwanning FN	L0409	11,554	0	0	0	0	0	0
FN	New Credit FN	L0410	0	0	0	0	1	0	0
FN	Nipissing FN	L0412	3,000	0	0	0	0	0	1
FN	Ojibways of Onigaming FN	L0413	0	0	0	0	0	0	0
FN	Rainy River FN	L0446	9,040	0	0	0	0	0	0
FN	Sachigo Lake FN	L1084	18,205	0	0	0	0	0	0
FN	Sagamok Anishnawbek FN	L0432	3,000	0	0	0	0	0	0
FN	Saugeen FN	L0415	3,709	0	0	0	0	0	36
FN	Seine River FN	L0416	4,071	0	0	0	0	0	4
FN	Serpent River FN	L0417	3,000	0	0	0	0	0	0
FN	Shawanaga FN	L0418	3,620	0	0	0	0	0	0
FN	Sheshegwaning FN	L0419	5,663	0	0	0	0	0	0
FN	Six Nations FN	L0420	3,000	0	0	0	11	0	0
FN	Temagami FN	L0439	3,808	0	0	0	0	0	0
FN	Thessalon FN	L0422	5,155	0	0	0	0	0	0
FN	Wahta Mohawk FN	L0453	3,000	0	0	0	0	0	0
FN	Wasauksing FN	L0423	0	0	0	0	0	1	62
FN	Whitefish River FN	L0425	0	0	0	0	0	0	0
FN	Wikwemikong FN	L0426	4,274	0	0	0	1	0	0
Totals for the First Nations libraries==>			188,598	1	0	0	27	7	645

3D Printers, Maker Space, Digital Labs

The Ministry has collected data on these Labs since 2015 and they have proved quite a popular enterprise for libraries. We report these data in Table 15 for the group of 301 libraries.

In addition, the “Typical Week” data have this question, with the raw totals for all libraries:

No. of people using Maker Spaces, Digital Media labs, Self-Publishing Centres

2015	2016	2017
10,096	14,607	28,050

A “Typical Week” number is unlike our customary annual data. We have discussed this point above. To convert that number to an annual equivalent, one might just multiply by 52 but the Ministry prefers a multiplier of 50. In either case, the true number of people using these facilities 1) must have grown rapidly to 2) an astonishing level in a short period of time.

If we multiply the figure for 2017, we have an estimate that 1.4 million people used these labs that year.

Data dealing with Programs at these labs are presented in Table 10 (beginning on page 97) as totals for all libraries and by Band.

Table 15: 3D Printers, Makerspace, Digital Labs at Ontario Public Libraries, 2015-2017

A. Total number of 3D Printers, Makerspace, and Digital Labs, and Programs, 2015-2017

(301 non-contracting libraries reporting 2011-2017)

All libraries	YEAR	Does your	Does your	Does your	Attendance at	Programs	
		library have	library have	library have			
		3D printers?	How many	Makerspace,	Makerspace, etc.	Offered at	
		(Yes)	3D printers?	or similar	labs?	Makerspace, etc.	
			(Yes)	labs?	How many	labs?	
				(Yes)	Labs?		
	2015	51	96	69	106	40,041	2,653
	2016	64	151	100	176	76,812	5,599
	2017	72	208	117	230	139,312	11,845
				Totals, 2015-2017==>		256,165	20,097

B. Total number of 3D Printers, Makerspace, and Digital Labs, and Programs, by Bands, 2015-2017

Band 1 (Resident population greater than 250,000)

9 libraries

2015	8	22	8	31	25,572	1,603
2016	8	38	8	36	40,859	2,613
2017	8	68	8	49	73,002	4,239
				Totals, 2015-2017==>	139,433	8,455

Band 2 (Resident population greater than 100,000 and fewer than 250,001)

19 libraries

2015	10	23	8	9	5,848	293
2016	17	43	13	15	18,512	1,393
2017	18	52	15	22	26,713	2,284
				Totals, 2015-2017==>	51,073	3,970

Band 3 (Resident population greater than 50,000 and fewer than 100,001)

24 libraries

2015	11	20	8	10	2,070	154
2016	14	31	14	19	7,244	488
2017	15	39	15	38	19,309	1,588
				Totals, 2015-2017==>	28,623	2,230

Band 4 (Resident population greater than 30,000 and fewer than 50,001)

16 libraries

2015	7	14	3	6	697	106
2016	6	11	4	8	1,425	249
2017	8	13	7	12	4,565	1,801
				Totals, 2015-2017==>	6,687	2,156

Band 5 (Resident population greater than 15,000 and fewer than 30,001)

28 libraries

2015	8	9	8	8	1,111	88
2016	9	15	12	14	3,300	226
2017	10	19	12	13	3,209	354
				Totals, 2015-2017==>	7,620	668

Table 15: 3D Printers, Maker Space, Digital Labs at Ontario Public Libraries, 2015-2017 (continued)

	Does your library have 3D printers? (Yes)	How many 3D printers?	Does your library have Makerspace, or similar labs? (Yes)	How many Labs?	Attendance at Makerspace, etc. labs?	Programs Offered at Makerspace, etc. labs?
Band 6 (Resident population greater than 5,000 and fewer than 15,001)						
62 libraries						
2015	2	3	10	12	1,596	159
2016	3	4	14	16	1,576	205
2017	4	5	18	21	4,619	787
			Totals, 2015-2017==>		7,791	1,151
Band 7 (Resident population greater than 2,500 and fewer than 5,001)						
33 libraries						
2015	2	2	5	6	1,059	192
2016	3	5	8	12	1,124	234
2017	3	5	8	16	2,953	312
			Totals, 2015-2017==>		5,136	738
Band 8 (Resident population fewer than 2,501)						
68 libraries						
2015	3	3	14	19	1,047	54
2016	3	3	17	41	1,617	163
2017	4	5	23	45	2,910	286
			Totals, 2015-2017==>		5,574	503
First Nations' Libraries						
43 libraries						
2015	0	0	5	5	1,041	4
2016	1	1	10	15	1,155	28
2017	2	2	11	14	2,032	194
			Totals, 2015-2017==>		4,228	226

Service Points

Table 16 is different from those presented in previous reports because it uses data from 2000-2017 to examine library service points and a few other salient points. We can do this because these data go back that far and that the data's infrastructure is so well organized.

There are central libraries, two different enumerated types of branches, bookmobiles, deposit stations, and kiosks. Ontario citizens have many ways to interact with their libraries. Not only does the Ministry report on the numbers of these service points but also the weekly hours open. We include the total of those figures.

This was a first look at this many year of data, so we include in this table the number of circulations and the population served by the libraries. The circulation total from 2000-2017 speaks for itself. Two charts (see page 38 and following) are generated from this data in this Table.

One of the aspects of the way processes are changing in the information environment we all face is that functions change or change how they are done. What does it mean to keep track of library hours when, for many functions, the library never closes? And to what extent are the visits which we discuss next, a function of the always-open library?

Table 16: Service Points: Central Libraries, Branches, Bookmobiles, etc., and Related, 2000-2017

All libraries reporting each year (number varies by year)

	# of Libraries Reporting	# of Main Libraries	Hours open per week Main Libraries	# of Branch Libraries open more than 12 hours per week	# of hours open at Branch Libraries open more than 12 hours per week	# of Branch Libraries open fewer than 12 hours per week	# of hours open at Branch Libraries open fewer than 12 hours per week	# of Bookmobiles stop locations	Bookmobiles Hours per week at stop locations	# of deposit Stations/ Kiosks	open at deposit Stations/ Kiosks	Bookmobiles owned by library board	Hours open per week by year	Population (Resident)	Total Annual Circulation
2000	430	337	11,909	511	18,186	106	785.0	201	302.3	97	1,594	13	32,777	10,824,494	95,249,619
2001	373	294	10,763	546	19,526	91	722.0	184	217.5	49	1,129	10	32,357	10,444,283	99,803,525
2002	375	295	10,997	547	19,609	89	694.0	198	231.8	48	762	10	32,294	10,438,823	103,211,721
2003	381	301	11,168	542	19,739	87	711.5	143	267.0	36	582	10	32,467	10,464,967	105,903,088
2004	382	304	11,211	553	20,541	84	676.5	141	136.5	27	512	10	33,077	10,687,061	108,748,979
2005	383	298	11,188	557	20,771	76	604.5	117	186.3	39	883	9	33,633	11,021,784	112,319,520
2006	386	298	11,371	570	21,001	69	543.0	115	161.3	37	673	9	33,749	11,663,029	115,271,595
2007	389	298	11,464	577	21,504	66	514.0	118	161.5	34	852	9	34,495	11,826,929	115,519,658
2008	373	293	11,379	577	21,606	60	474.5	118	159.0	29	492	9	34,110	12,724,349	120,868,581
2009	371	293	11,508	590	21,708	49	379.5	116	159.6	29	264	9	34,019	12,880,861	127,880,634
2010	370	294	11,705	592	21,743	43	321.5	117	161.0	26	54	9	33,984	12,973,211	129,250,474
2011	386	302	11,965	589	22,220	41	331.2	115	163.0	82	714	9	35,392	13,149,148	132,590,787
2012	383	309	11,777	590	22,328	36	294.2	123	152.5	77	793	8	35,344	13,151,825	133,957,766
2013	380	325	11,679	592	22,699	37	303.2	122	153.1	81	978	8	35,812	13,320,152	131,174,639
2014	378	307	11,765	591	22,746	39	308.7	120	152.7	91	2,661	8	37,632	13,470,394	128,171,027
2015	379	307	11,743	594	23,005	37	292.0	113	158.0	83	1,160	8	36,358	13,551,704	128,162,268
2016	379	307	11,733	590	24,200	37	289.7	144	183.8	63	1,418	9	37,824	13,760,503	125,131,057
2017	376	296	11,769	581	24,441	39	324.5	165	179.0	60	1,176	10	37,889	13,745,659	122,570,108
Total circulation, 2000-2017==>															2,135,785,046

“Visits”

A library number often reported in days gone by was the “gate count” which usually was generated by someone standing by the door with a hand-held counter, clicking it every time someone went through the gate or, perhaps, for a “Typical Week.” It was a number easy to criticize—do we count the staff returning after lunch? How do we count the children running in and out of the library?

But these kinds of counting problems occur with most data and the number had a certain pedigree. Today, we have automatic ways of counting “visits” and, indeed, these visits themselves have changed. Table 15 reports on additional “Typical Week” data which we refer to on page 120 with the use of Makerspace labs.

With Table 17, we have four different kinds of visits to libraries and we have reported the raw number from the Ministry’s spreadsheet. The first line reports on physical visits—like in the old days. Then we have other types of visits: to Webpages, Social Media, and electronic reference transactions. See the chart of the total visits from Table 17 on page 42.

Again, these are for a “Typical Week” and as we have discussed, the Ministry suggests multiplying this number by 50 to create an annual estimate so we are dealing with big numbers here if we made the conversion to an annual estimate and if the method of estimating is reasonable.

What do we see here? People coming to the library peaked in 2010 and has slowly trended down with a bump or two, here or there. The count of Electronic visits to the Website is a number that is probably better than a gate count in that a machine is counting but, note here, too, this number peaked in 2013 and has trended down. Then comes social media and that is still going up.

It appears then, that many people still come to the library but when Websites appeared and had more information, users substituted them for some kinds of physical visits. Then came social media and it replaces some aspects of the

Website. All the while, though, more and more people are interacting with their libraries but in different ways.

The last line is electronic reference transactions. These are a type of visit, too. They peaked in 2012. Maybe reference was counted under social media or maybe it was an experiment that bore little fruit. In any case, it was an experiment where the library used new technologies to test whether they could offer a traditional service through a new means.

The libraries are creating the library of the future one step at a time. After all, when the library is always open through Websites or social media—at least for some functions, what effect does that fact have on other functions? The interweaving of new capabilities takes time to sort out.

Comparing Two Reported Circulation Figures

It is reasonable to be skeptical of “Typical Week” data. There could be a temptation in reporting data to pick the “Best Week.” And, too, sampling problems in libraries are notoriously difficult—what is a “typical” week? From the data in this table, we used the Ministry’s method to generate two very large numbers as estimates using, one of the annual number of visits in 2017 (200 million) and the decade (1.7 billion.) They are the best we can do to get a handle on these visits but are they reasonable estimates?

Is there any way to test this method to compare data generated by counting every day and counting in a “Typical” way? In fact, there is one pretty good one. Curiously, circulations are measured two ways:

F1.0 - Total Annual Circulation (Actual Annual Direct Circulation)

G1.1.3.W Total circulation of all library materials (Typical Week - Direct circulation)

For 2017, using the Ministry’s method of estimating annual data from the “Typical Week” data results in two series of numbers that correlate 100% (with

rounding) with each other and the R-square also rounds to 100%. Essentially, all the variance in one series is “explained” by the other. That is a strong argument of using “Typical Week” collection and of the Ministry’s method of converting these data to annual estimates.

Table 17: Measures of "Visits" to Ontario Public Libraries, 2008-2017, ("Typical Week" data)

(These are raw reported numbers)	Number reporting=>	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	Totals for the decade by method of visit
		301	301	301	301	301	301	301	301	301	301	
No. of visits to the library made in person		1,345,506	1,442,138	1,550,146	1,498,078	1,445,811	1,436,347	1,392,248	1,452,206	1,429,640	1,398,088	14,390,208
No. of electronic visits to the library website		1,148,719	1,364,649	1,737,298	1,506,980	1,664,956	2,208,153	1,990,759	2,090,799	2,014,081	1,966,357	17,692,751
No. of Social Media visits							210,531	304,116	376,467	515,171	691,586	2,097,871
No. of electronic reference transactions		7,146	6,979	12,995	18,917	19,674	6,958	5,407	7,919	5,667	5,602	97,264
Visits by all methods=>		2,501,371	2,813,766	3,300,439	3,023,975	3,130,441	3,861,989	3,692,530	3,927,391	3,964,559	4,061,633	34,278,094 <==Total for the decade

To create an estimate of annual totals, the Ministry recommends multiplying "Typical Week" data by 50. For example:

2017 total of "Typical Week" visit = 4,061,063.

To estimate of total visits in 2017, multiply 50 X 4,061,063 = about 200 million.

2008-2017 total of "Typical Week" visits = 34,278,094.

To estimate of total visits for the decade, multiply 50 X 34,278,094 = about 1.7 billion visits.