Did you know Supporting Information

Sources Statement

All Spruce Grove Public Library statistics taken from our [2016 Annual Report](#).

All Spruce Grove Public Library patron statistics take from Polaris reports.

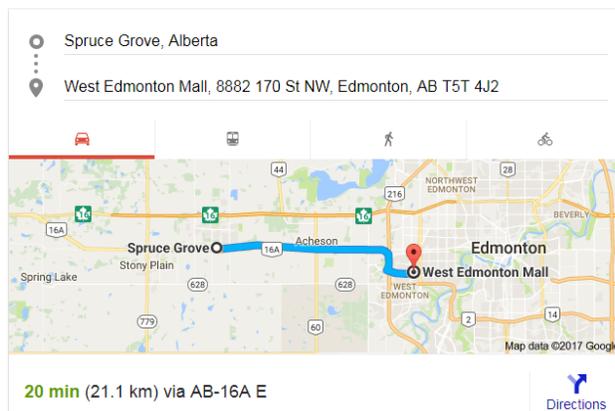All TLC statistics taken from their [2016 Annual Report](#).

All Alberta Art Gallery statistics taken from their [2016 Annual Report](#).

Fun fact statistics and calculations taken from approved and reputable websites linked below

---

PowerPoint Footnotes

1. **95,000 visited us virtually last year…if they queued up at our front door they would reach West Edmonton Mall.**

Average depth of a person (adults and children) is $11^{3/4}$ from the back of his head to the tip of his toes (scientificamerican.com/article/human-body-ratios); therefore, 95,000 people standing in a line totals 95,000 feet or 28.956 km; distance to WEM is 21.1 km so the line may even reach inside to the ice rink.

2. **21,000 people used our computers… more than the attendance at Lady Gaga in Edmonton.**
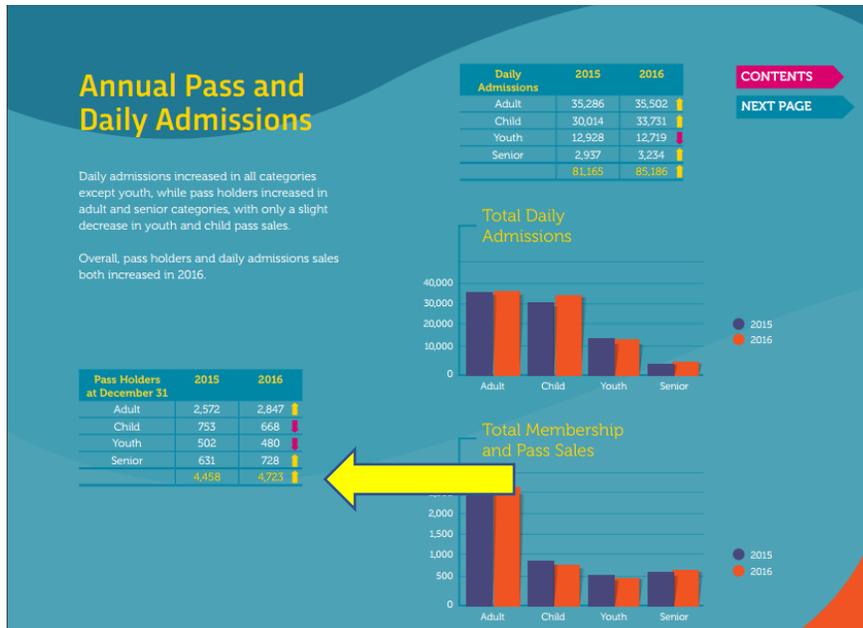
Rogers Place has a seating capacity of 18,347 as a hockey venue and 20,734 as a "sold out" concert venue. (en.wikipedia.org/wiki/Rogers_Place)

3. **17,000+ people came to our programs…more than Game 6 in Ottawa's Stanley Cup playoff final.**

Although the capacity of Canadian Tire Centre is 18,572 for hockey games, Game 6 was not a sell-out (ottawacitizen.com/sports/hockey/nhl/senatorsextra/senators-trying-to-sell-out-game-6-against-penguins).

4. **More people have a library card (5550) than a TransAlta Tri Leisure Centre pass (4723), and library cards are free.**

5. **Every day we say hello to 430 people.**

157,000 people divided by 349 number of days open (as per Agenda item 5.3, January 19, 2016 Board Meeting Motion #005L-16, there were 16 approved closures) totals 449.85 per day; after taking into consideration that we are not open the same number of hours each day, the average totals 430.

6. **Every 6 minutes of every day, someone uses our online services.**

95, 231 virtual visits divided by 365 days totals 260.90 people per day; being there are 1440 minutes in a day, 1440 divided by 260.9 totals 5.51 (rounded up to 6) for a per minute stat.
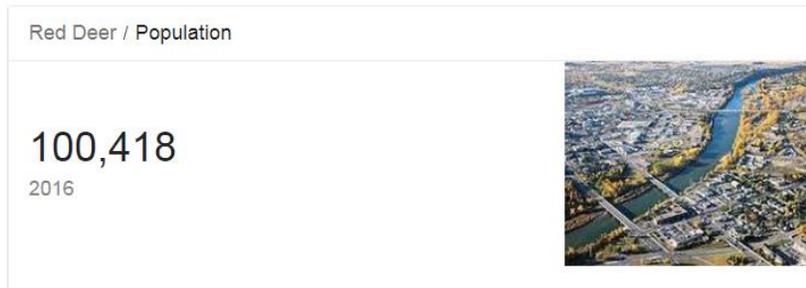
7. **Every 72 seconds, a library staffer helps someone.**

157,000 people visited SGPL in a total of 3150 hours of operation; there are 3600 seconds in an hour so 3150 multiplied by 3600 divided by 157,000 totals 72.22.

Fact Sheet Footnotes

1. **More than 157,000 people visited the Spruce Grove Library last year—that's more than the entire population of Red Deer plus 56,000 of their closest friends!**
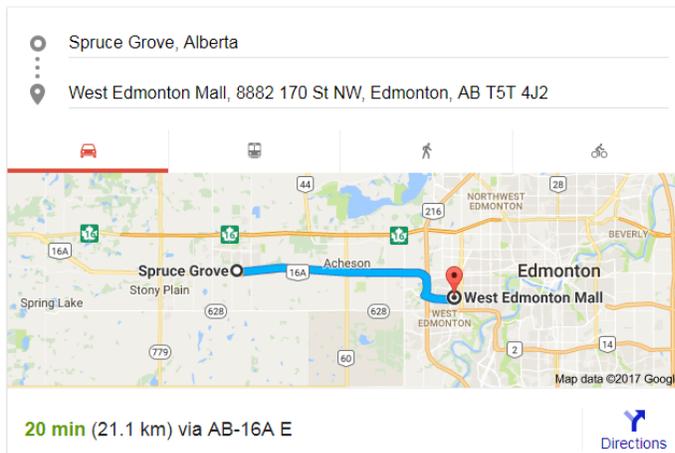
Did you know Supporting Information

Red Deer / Population

100,418
2016

http://www.reddeer.ca/about-red-deer/population-and-demographics/

2. **95,000 visited us virtually last year…if they queued up at our front door they would reach West Edmonton Mall.**

Average depth of a person (adults and children) is $11^{3/4}$ from the back of his head to the tip of his toes (scientificamerican.com/article/human-body-ratios); therefore, 95,000 people standing in a line totals 95,000 feet or 28.956 km; distance to WEM is 21.1 km so the line may even reach inside to the ice rink.

Spruce Grove, Alberta

West Edmonton Mall, 8882 170 St NW, Edmonton, AB T5T 4J2

20 min (21.1 km) via AB-16A E   Directions

3. **In 85,000 square feet of space, the Art Gallery of Alberta has 2977 members and about 2500 program participants per year; in less than 1/5 of that space, the Spruce Grove Public Library has 5,550 cardholders and 1700 program participants per month.**

[insert screen shot]

4. **20,700+ people used library computers last year—that's almost 4000 more people than the entire population of Stony Plain.**

Did you know Supporting Information

Stony Plain / Population

17,189
2016

5. Every 72 seconds, a library staffer helps someone.

157,000 people visited SGPL in a total of 3150 hours of operation; there are 3600 seconds in an hour so 3150 multiplied by 3600 divided by 157,000 totals 72.22.

6. Every 6 minutes of every day, someone uses our online services.

95, 231 virtual visits divided by 365 days totals 260.90 people per day; being there are 1440 minutes in a day, 1440 divided by 260.9 totals 5.51 (rounded up to 6) for a per minute stat.

7. Every hour Spruce Grove Public Library is open, more than 100 items are processed

328, 718 total circulation in 2016 divided by 3150 operational hours in 2016 equals 104.35.

8. Every day, Spruce Grove Public Library staff members greet up to 430 visitors.

157,000 people divided by 349 number of days open (as per Agenda item 5.3, January 19, 2016 Board Meeting Motion #005L-16, there were 16 approved closures) totals 449.85 per day; after taking into consideration that we are not open the same number of hours each day, the average totals 430.

9. Every month, Spruce Grove Public Library welcomes 1700 program participants

17, 477 participants took part in programs in 2016; that total divided by 10 months of programming (we take a hiatus for planning in June and December) equals 1747.7—rounded down it totals 1700.

10. Every year, Spruce Grove Public Library circulates more than 325,000 items

Fast Fact Comparison:

	2015	2016
Active Family Cardholders	5,145	5,550
Physical Visits	153,342	157,173
Virtual Visits	83,087	95,231
Total Visits	236,429	252,404
Total Circulation	348,776	328,718

11. Each month, of the 157,000+ people who visited the Spruce Grove Library last year, an

average of $410 per family and $103 per individual was saved on their monthly entertainment costs—and library card holders saved even more!

The cost of living in Alberta lists entertainment costs for a family of 4 that totals a minimum of $410/month (https://www.livingin-canada.com/cost-of-living-calgary-and-edmonton.html) going to rec activities (bowling vs. our free Makerspaces and Communiversities), amusement locations (Telus World of Science vs. our free Innovation Lab and special events), movies, museums, and the theatre; therefore, an average of $102.50 per Albertan can be used to calculate what SGPL saved its users last year:

12. **The 20,700+ people used library computers saved an average of $360 each on personal internet expenses in 2016; collectively, that's a savings of $51,663.75 per month.**

Both Telus and Shaw offer a basic plan of 29.95/month (https://www.findinternet.ca/en/edmonton-alberta) therefore people using our public computers are saving (29.95 x 12 = 359.40) $360 each year; as a group of users, 20, 700 people divided by 12 months equals an average of 1725 users each month who are all saving $29.95 resulting in a collective savings of $51, 663.75 per month.

13. **By borrowing instead of purchasing, book lovers save an average of $3627.98 per year using their Spruce Grove Public Library card.**
Using the YTD savings as calculated per patron by Polaris based on their borrowing history, a top book borrower has saved $7046.04 and a less frequent but regular book borrower has saved $209.93.

14. **Movie enthusiast save a yearly average of $2707.22 using their Spruce Grove Public Library card to borrow rather than by DVDs.**
Using the YTD savings as calculated per patron by Polaris based on their borrowing history, a top DVD borrower has saved $4566.56 and a less frequent but regular DVD borrower has saved $847.88.

15. **Families save an additional average of $1627.21 borrowing literacy backpacks, magazines, sensory backpacks, CDs, bibliotherapy kits, TransAlta Tri Leisure Centre passes, and more.**
Using the YTD savings as calculated per patron by Polaris based on their borrowing history, a regular borrower for a family of 11 (ages 1 – 47) has saved $1856.66 and a regular borrower for a family of 5 (ages 6 – 45) has saved $1397.75.

Examples of Polaris reports (first and last totals used in #13 – 15):

Registered at:	Spruce Grove Public Library		
Expiration date:	15/05/2018	Registered at:	Spruce Grove Public Library
YTD circ count:	348	Expiration date:	24/04/2018
Lifetime circ count:	6748	YTD circ count:	96
YTD You Saved amount:	$7,046.04	Lifetime circ count:	1511
		YTD You Saved amount:	$1,397.75

Coming soon… Fact Sheet Footnotes for "A Story in Stats"