

Understanding Community Investment in Recreation Spaces: Strathcona County Baseline Survey Results (General)

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Introduction

Researchers from the Centre for Health Promotion Studies, School of Public Health at the University of Alberta worked with community partners from Strathcona County, Recreation, Parks and Culture to explore the potential impact of the Strathcona County Open Spaces and Recreation Facility Strategy (OSRFS) on health and health equity. As part of this project, a two-year telephone survey (one pre-test and one post-test survey) is being conducted with community members in Strathcona County (case community) and comparing the results to community members in the Town of Stony Plain, City of Spruce Grove and Parkland County (control communities; referred to as Tri-Region). A pre-/post-test involves conducting the same survey at two points in time to the same group of participants; at baseline (the pre-test) and follow-up (post-test) of a particular event or intervention. For this project the pre-test was conducted in the Fall of 2011, prior to the opening of revitalized facilities as part of the OSRFS, and the post-test will be conducted in the Fall of 2012, after initial stages of revitalization have been completed.

The results of the telephone survey will help community and research partners better understand the reasons why community members do or do not participate in recreation activities and do or do not use recreation facilities in the community. The pre-test telephone survey was conducted from September 6, 2011, to October 17, 2011, and took respondents about 15 minutes to complete. The survey was conducted by Prairie Research Associates (PRA) on behalf of the community partners and the researchers at the University of Alberta. This report provides a general overview of the results from the Strathcona County baseline survey; youth-specific and adult-specific findings will be available through supplemental reports that will be released in January/February 2012.

Sampling

The study employed a stratified random sample. This means that the selection of households for participation in the survey was divided (or stratified) into geographic areas. For Strathcona County, the geographic areas included Sherwood Park and rural Strathcona County. For the Tri-Region area, the geographic areas included the City of Spruce Grove, Town of Stony Plain, and Parkland County. In all cases, the sampling process required a postal code as well as a verbal confirmation from the respondent that they lived in the selected region. In cases where the postal code differed from the respondent's verbal response, the verbal response was used to categorize the survey into a region.

Random Digit Dialing

PRA used Canada Survey Sampler to generate a random sample of telephone numbers for each of the five regions. Canada Survey Sampler, a standard computer program widely used in the research industry, created the sample for each region. First, PRA generated a sample for all residents in Strathcona County and the Tri-Region area. Then, using a postal code database, PRA assigned each record to its appropriate region.

The telephone sample was comprised of directory-listed telephone numbers and a smaller number of unlisted telephone numbers (approximately 15% for large urban areas). The latter was created by randomly changing the last two digits of the telephone number and checking the number against the listed database to ensure it did not appear. The resulting sample list was randomized before calling began.

Methods

Of the 42,739 potential phone numbers (20,918 in Strathcona County and 21,821 in Tri-Region), PRA called 22,654 (11,648 in Strathcona County and 11,006 in the Tri-Region) over the six-week period. Overall, approximately 42% of people called refused to participate and 59% of households were willing to complete a survey. *Table 1* provides a detailed summary of the outcomes of the numbers dialled.

This survey targeted participation by adults as well as youth to gain a more in-depth understanding of recreation facility usage patterns in the community. To ensure a representative sample of 13- to 17-year-olds, households were initially screened for children in that age group. As part of this effort, households where 13- to 17-year-old children lived but were not available at the time were called back. In all cases, parents had given permission for these children to complete the survey. This screening continued until we had completed surveys with approximately 50 youth in this age group. All tables are reporting valid percent. Table and graphs have been adjusted to not include missing data. Please see Table 8 and 9 in Appendix A for a complete listing of missing data.

Table 1. Summary of the Outcomes for Numbers Dialled for Strathcona County and Tri-Region

	Outcome	Strathcona County		Tri-Region	
		N	%	N	%
A	Total numbers attempted	11,648	100%	11,006	100%
1.	Not in service	233	2%	847	8%
2.	Fax	491	4%	429	4%
3.	Business	165	1%	206	2%
	Remaining	10,759	92%	9,524	87%
B	Total eligible numbers	10,759	100%	9,524	100%
4.	Busy	254	2%	214	2%
5.	Answering machines	4,022	37%	3,484	37%
6.	No answer	2,197	20%	1,742	18%
7/8.	Language/illness/incapability	366	3%	302	3%
9.	Selected/eligible respondent not available	523	5%	472	5%
	Remaining	3,452	32%	3,310	35%
C	Total asked	3,452	100%	3,310	100%
10.	Household refusal	49	14%	483	15%
11.	Respondent refusal	849	25%	782	24%
12.	Qualified respondent break off	101	3%	116	4%
	Remaining	2,029	59%	1,929	58%
D	Co-operative contacts	2,029	100%	1,929	100%
13.	Disqualified	966	48%	882	46%
14.	Completed interviews	1,045	52%	1,047	54%
	<i>Refusal rate = (10+11+12)/C</i>	<i>1,441</i>	<i>42%</i>	<i>1,381</i>	<i>42%</i>
	<i>Response rate (D/B)</i>	<i>2,029</i>	<i>19%</i>	<i>1,924</i>	<i>20%</i>

Overall Summary of Respondents

A total of 2,092 surveys were completed (1,045 in Strathcona County and 1,047 in Tri-Region). *Table 2* summarizes the population and sample for each of the geographic areas. *Table 3* provides a summary of the sex and age profiles of the population and sample in each of the areas.

Table 2. Population and Sample for Strathcona County and Tri-Region

	Population		Sample (completed surveys)	
	N	%	n	%
Strathcona County	87,998	56%	1,045	50%
Sherwood Park	61,660	39%	729	35%
Rural Strathcona County	26,338	17%	316	15%
Tri-Region	68,912	44%	1,047	50%
Parkland County	30,089	19%	456	22%
Spruce Grove	24,646	16%	377	18%
Stony Plain	14,177	9%	214	10%
Total	156,910	100%	2,092	100%

Source: Strathcona County data retrieved on October 20, 2011, from http://www.strathcona.ca/files/Files/LLS-Census_2009-2009_Municipal_Census_Report.pdf.

Parkland County data retrieved on October 20, 2011, from www.parklandcounty.com/Assets/Census+Report+2009.pdf. Spruce Grove data retrieved on October 20, 2011, from http://www.sprucegrove.org/Assets/pdf/reports/census/census_2010.pdf.

Stony Plain data retrieved on October 20, 2011, from <http://www.stonyplain.com/public/data/documents/ACF252B.pdf>.

Table 3. Population and Sample Sex and Age Distributions for Strathcona County and Tri-Region

	Population				Sample (completed surveys)			
	Strathcona County		Tri-Region		Strathcona County (n=1,045)		Tri-Region (n=1,047)	
	N	%	N	%	n	%	n	%
Sex								
Female	34,418	50.6%	25,018	49.8%	603	57.7%	594	56.7%
Male	33,539	49.4%	25,188	50.2%	442	42.3%	453	43.3%
Age								
13 to 17	6,608	9.7%	4,847	9.7%	55	5.3%	56	5.3%
18 to 29	11,522	17.0%	8,749	17.4%	109	10.4%	122	11.7%
30 to 44	18,655	27.5%	13,465	26.8%	280	26.8%	247	23.6%
45 to 64	24,025	35.4%	17,270	34.4%	416	39.8%	417	39.8%
65 or older	7,135	10.5%	5,865	11.7%	166	15.9%	182	17.4%
No response	N/A	N/A	N/A	N/A	19	1.8%	23	2.2%

Source: Strathcona County data retrieved on October 20, 2011, from <http://www12.statcan.ca/census-recensement/2006/dp-pd/prof/92-591/details/Page.cfm?Lang=E&Geo1=CSD&Code1=4811052&Geo2=PR&Code2=48&Data=Count&SearchText=strathcona county&SearchType=Begins&SearchPR=01&B1=All&Custom=>.

Tri-Region data retrieved on October 20, 2011, from <http://www12.statcan.ca/census-recensement/2006/dp-pd/prof/92-591/details/Page.cfm?Lang=E&Geo1=CSD&Code1=4811049&Geo2=PR&Code2=48&Data=Count&SearchText=spruce grove&SearchType=Begins&SearchPR=01&B1=All&Custom=>; <http://www12.statcan.ca/census-recensement/2006/dp-pd/prof/92-591/details/page.cfm?Lang=E&Geo1=CSD&Code1=4811048&Geo2=PR&Code2=48&Data=Count&SearchText=stony plain&SearchType=Begins&SearchPR=01&B1=All&Custom=>; and <http://www12.statcan.ca/census-recensement/2006/dp-pd/prof/92-591/details/page.cfm?Lang=E&Geo1=CSD&Code1=4811034&Geo2=PR&Code2=48&Data=Count&SearchText=Parkland county&SearchType=Begins&SearchPR=01&B1=All&Custom=>.

Strathcona County Summary of Results

The following sections summarize the results from the Strathcona County telephone survey.

Respondent Demographics

Figures 1, 2, and 3 provide the respondents' gender, location, and age profiles, respectively. Profiles of respondent education, employment, minority status and household income information is provided in Figures 4, 5, 6, 7, and 8.

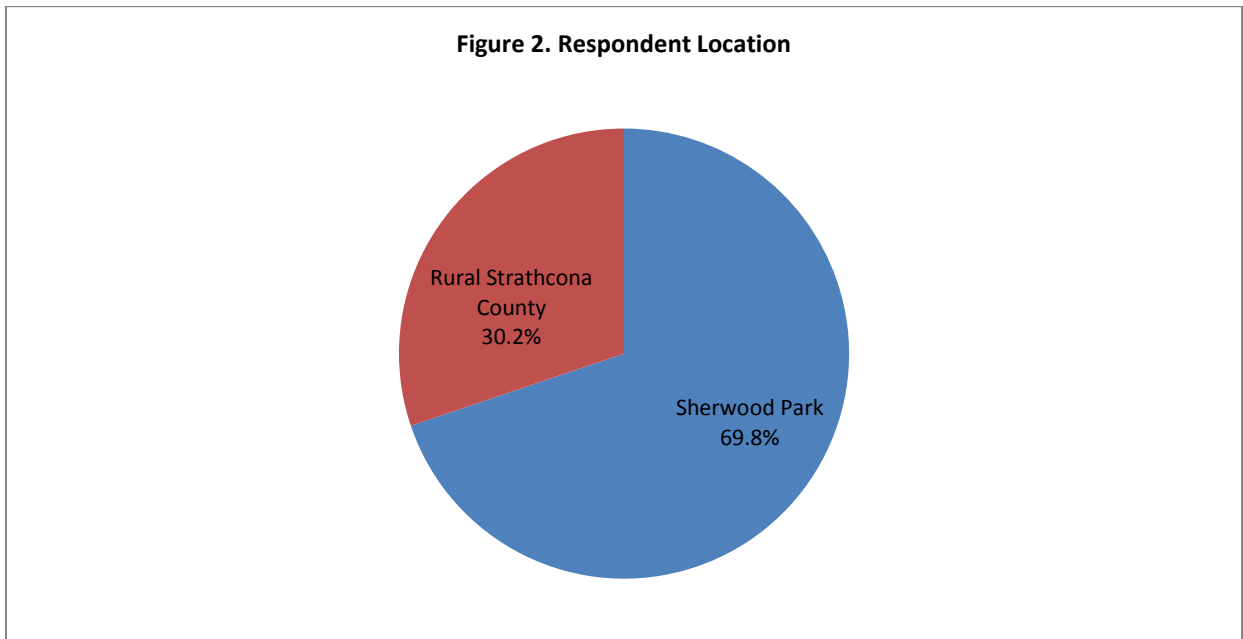
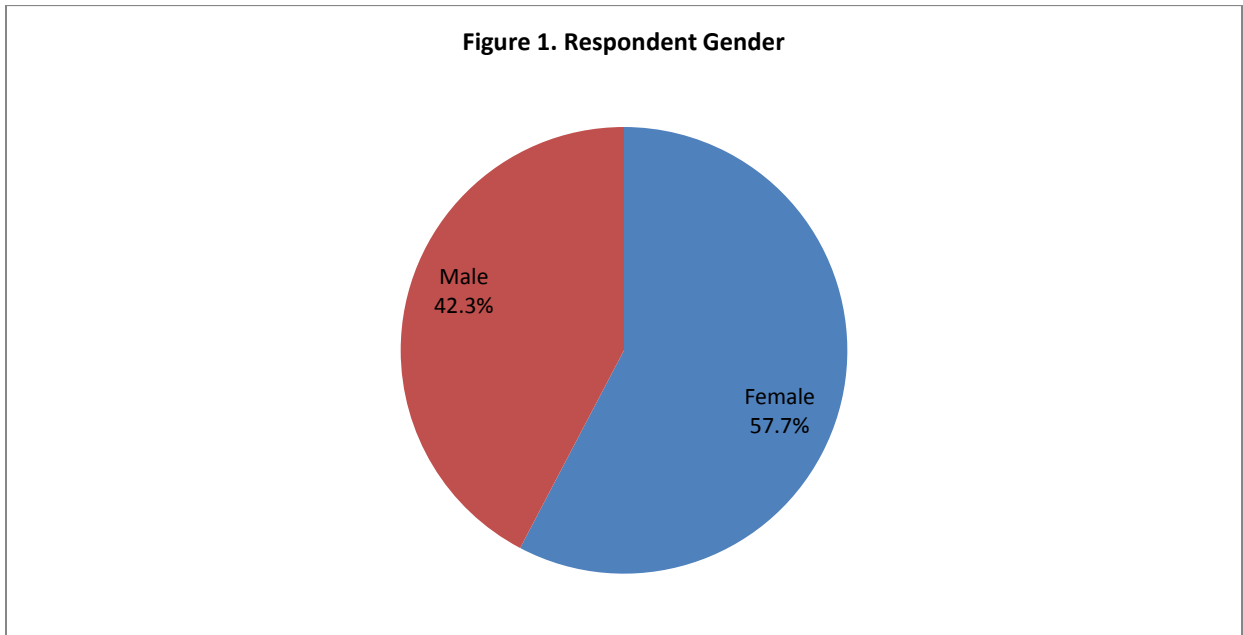
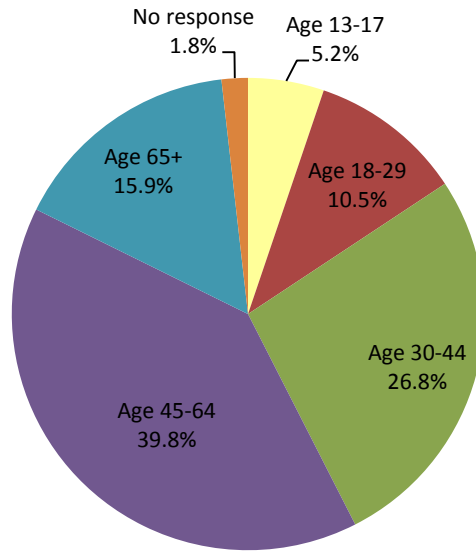
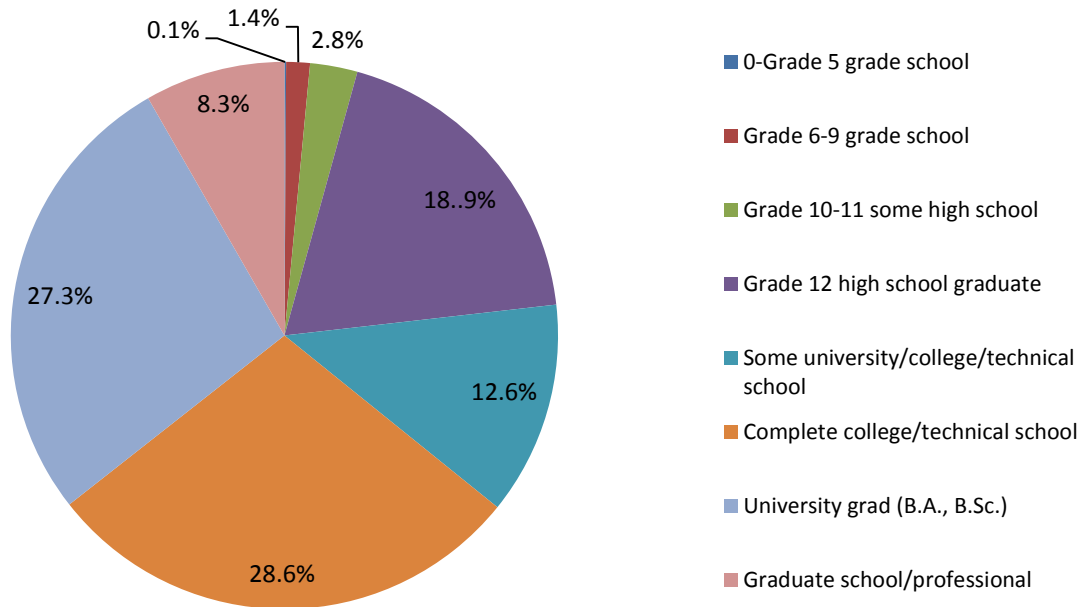


Figure 3. Respondent Age



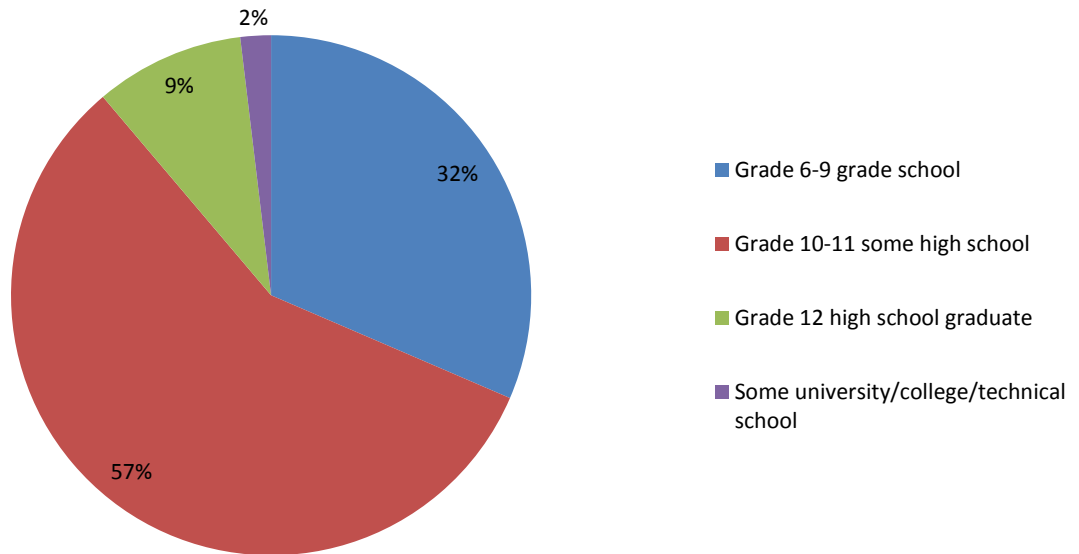
*Missing/No response/Don't know: Additionally, there are 19 unknown adult/youth for all facilities as they did not report their age

Figure 4. Respondent Education (Adult)



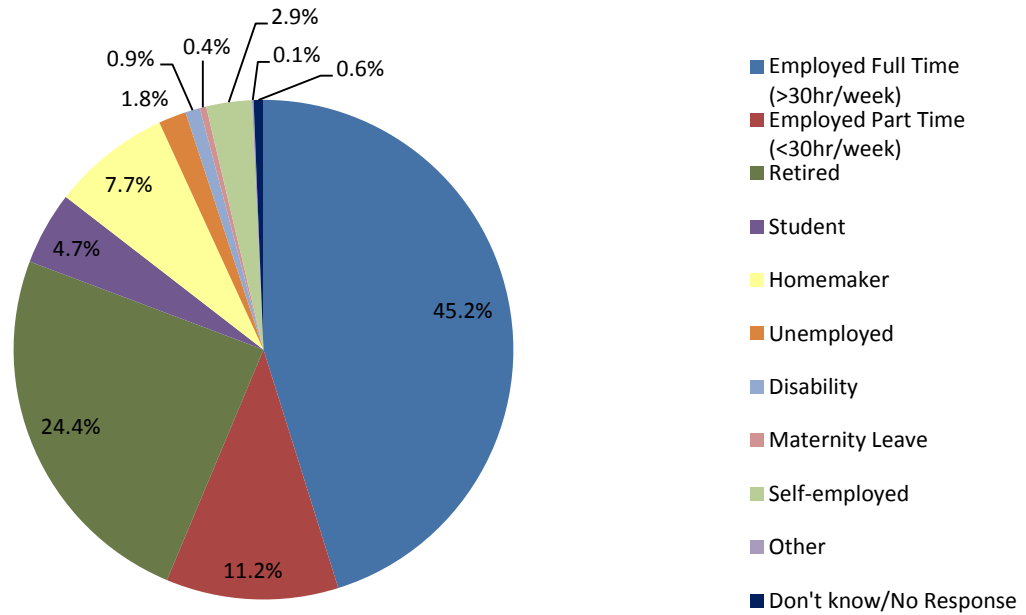
*Missing/No response/Don't know: 4 (Adult) & 19 (unknown adult/youth)

Figure 5. Respondent Education (Youth)



* Missing/No response/Don't know: 0(Youth) & 19 (unknown adult/youth)

Figure 6. Respondent Employment



*Note: Youth respondents were not asked their employment status.

Figure 7. Self-Described Minority Status

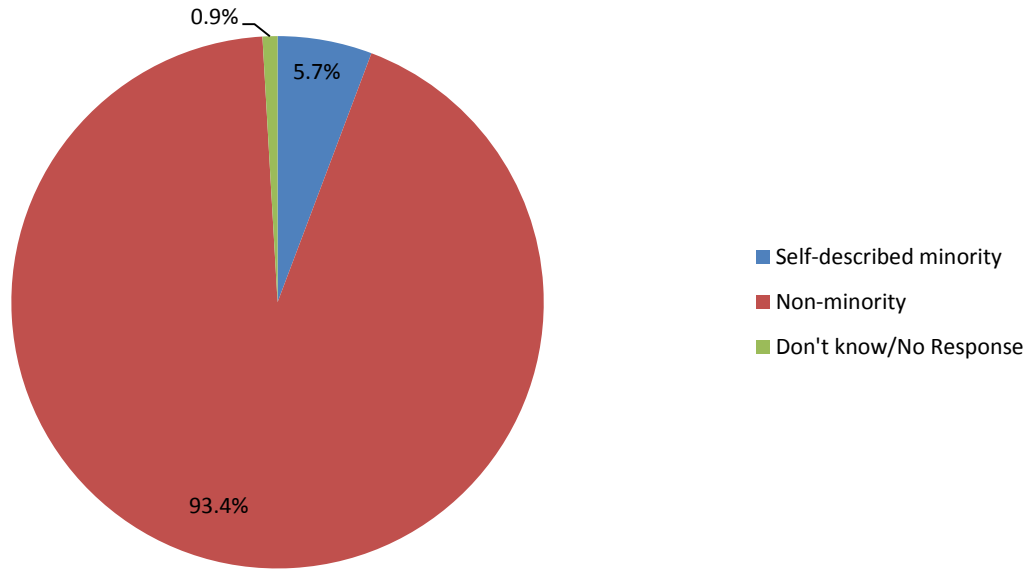
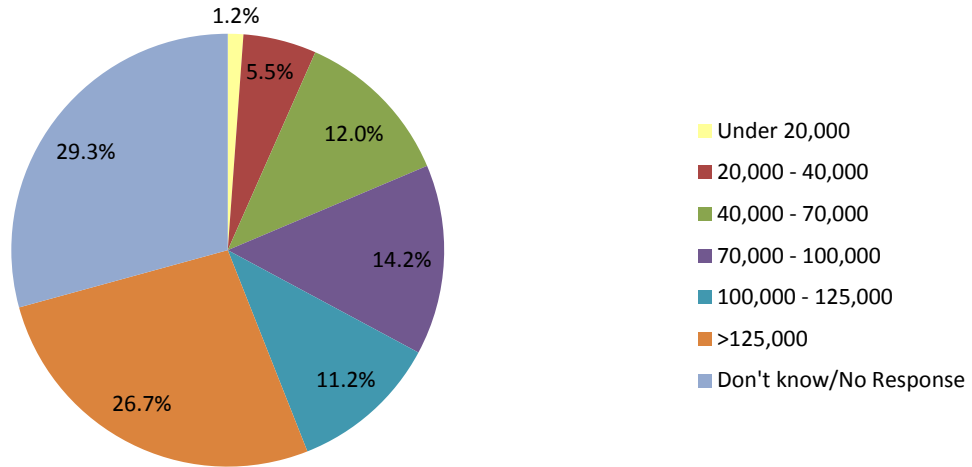


Figure 8. Household Income

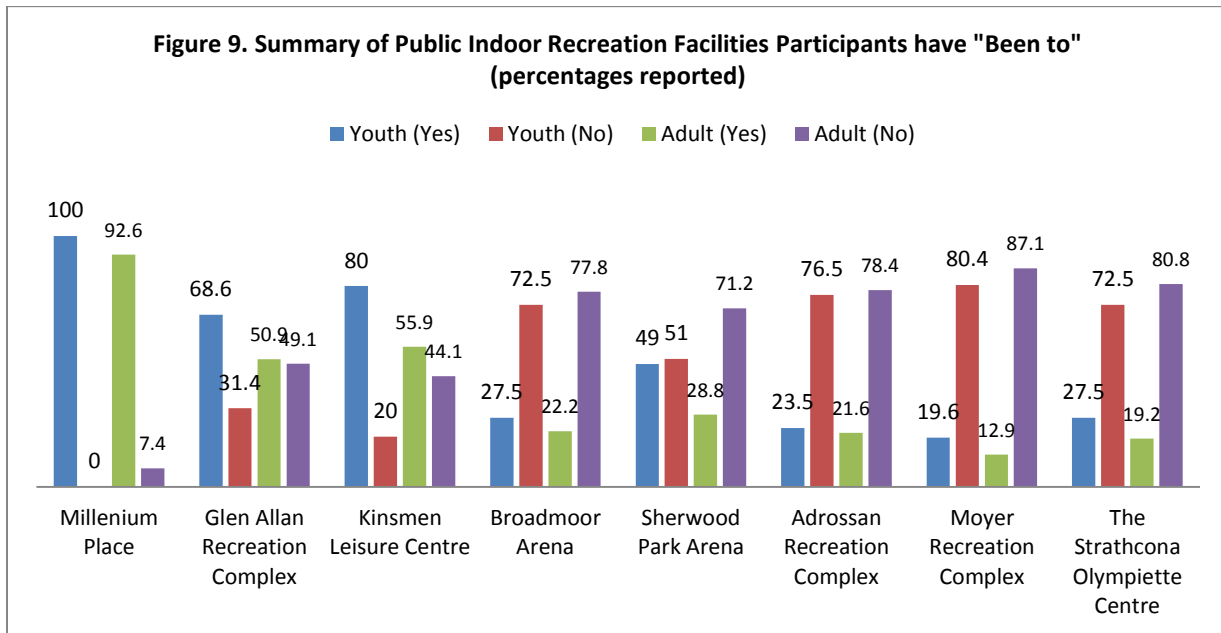


*Note: Youth respondents were not asked about their income.

Use of Public Indoor Recreation Facilities in Strathcona County

Respondents were asked questions about their use of Strathcona County public indoor recreation facilities (e.g., Millennium Place, Ardrossan Recreation Complex, etc.). Overall, 78.9% of respondents indicated that they had “been to” at least one of the public indoor recreation facilities in Strathcona County in the last 12 months; 21.1% indicated that they had not.

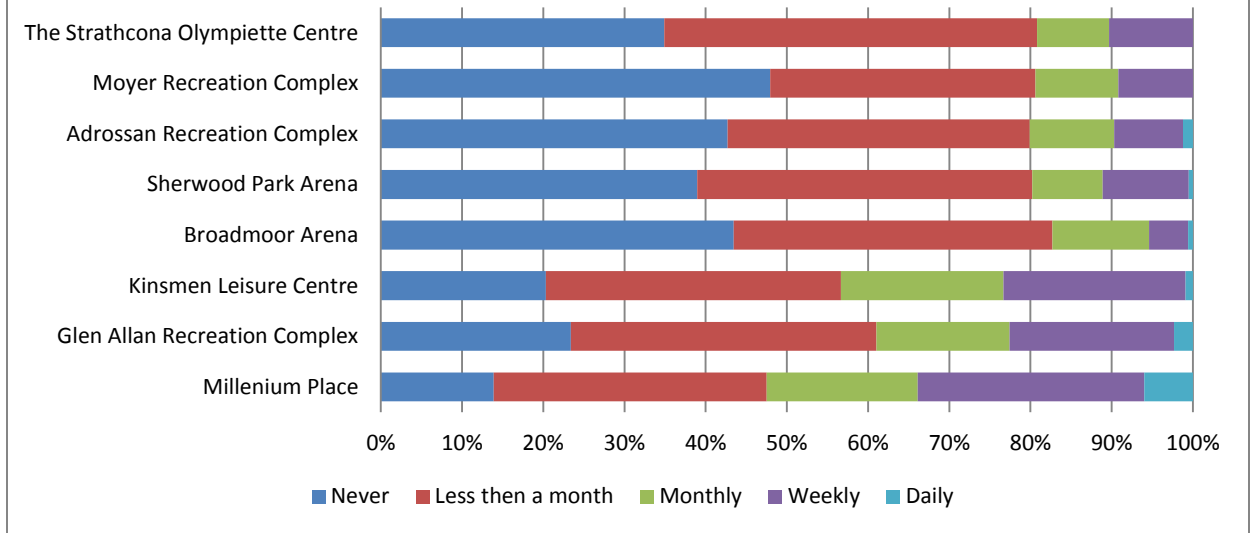
The 78.9% of participants who had indicated that they had “been to” at least one of the public indoor recreation facilities were subsequently asked which specific facilities they had “been to” (see *Figure 9*).



* Missing/No response/Don't know: MP - 3 (Y), 213 (A). GARC - 3(Y), 213 (A). KLC - 4(Y), 213 (A). BA - 3(Y), 214(A). SPA - 3(Y), 216 (A). ARC - 3(Y), 213 (A). MRC - 3(Y), 213(A). SOC - 3(Y), 213(A). Additionally, there are 19 unknown adult/youth for all facilities.

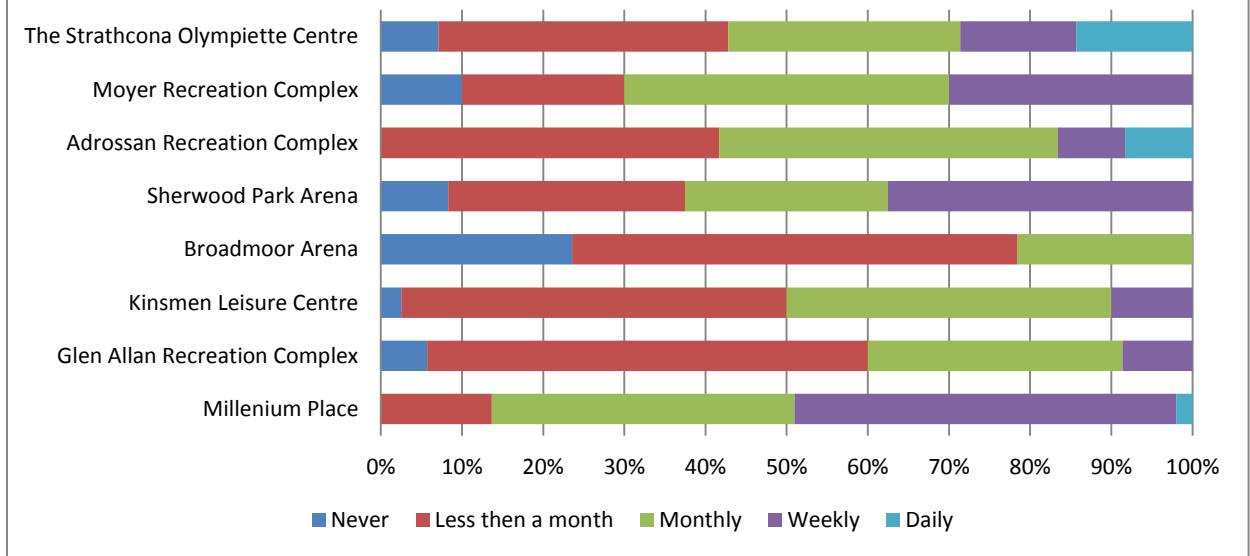
If participants indicated that they had “been to” specific public indoor recreation facilities, they were subsequently asked “how frequently they personally engage in physical activities at these spaces” (see *Figure 10 & 11*). Participants were then asked about their commuting behaviours to get to the public indoor recreation facilities. *Figure 12 & 13* provides a summary about active commuting behaviours (e.g., walking, biking, running, etc.) and *Figure 14 & 15* provides a summary about the use of public transit.

Figure 10. Summary of the Frequency that Participants *Personally Engage* in Physical Activity at Public Indoor Recreation Facilities (Adult)

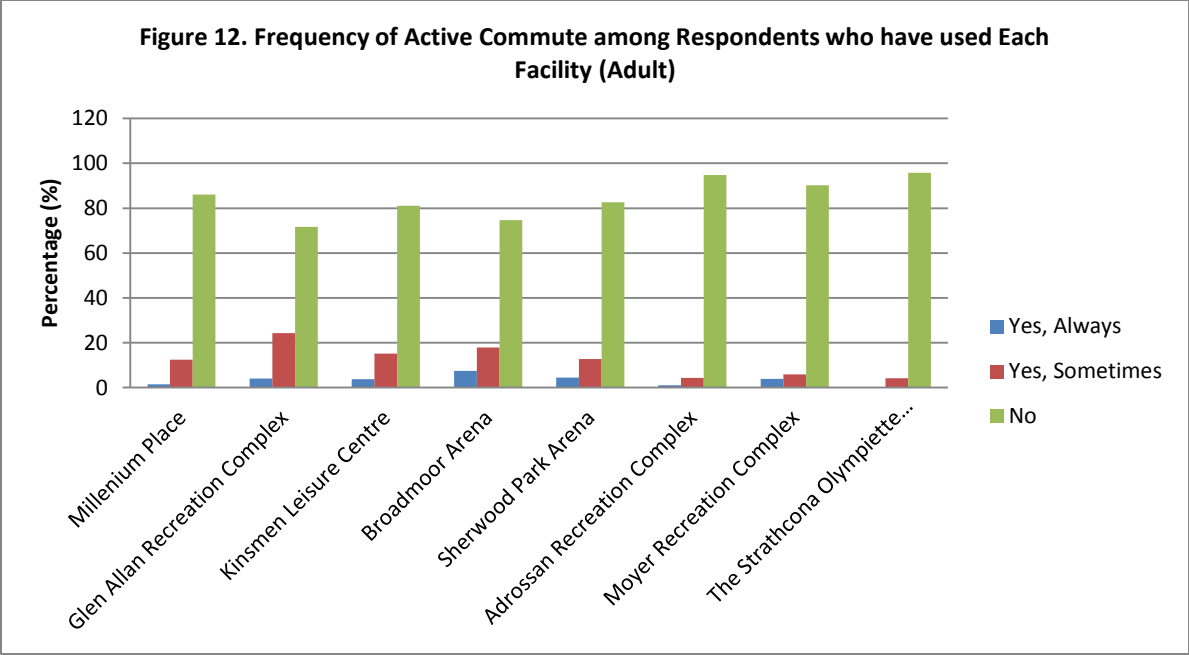


* Missing/No response/Don't know: MP - 269 (A). GARC - 587 (A). KLC - 548 (A). BA - 804(A). SPA - 754(A). ARC - 808 (A). MRC - 874(A). SOC - 877(A). Additionally, there are 19 unknown adult/youth for all facilities.

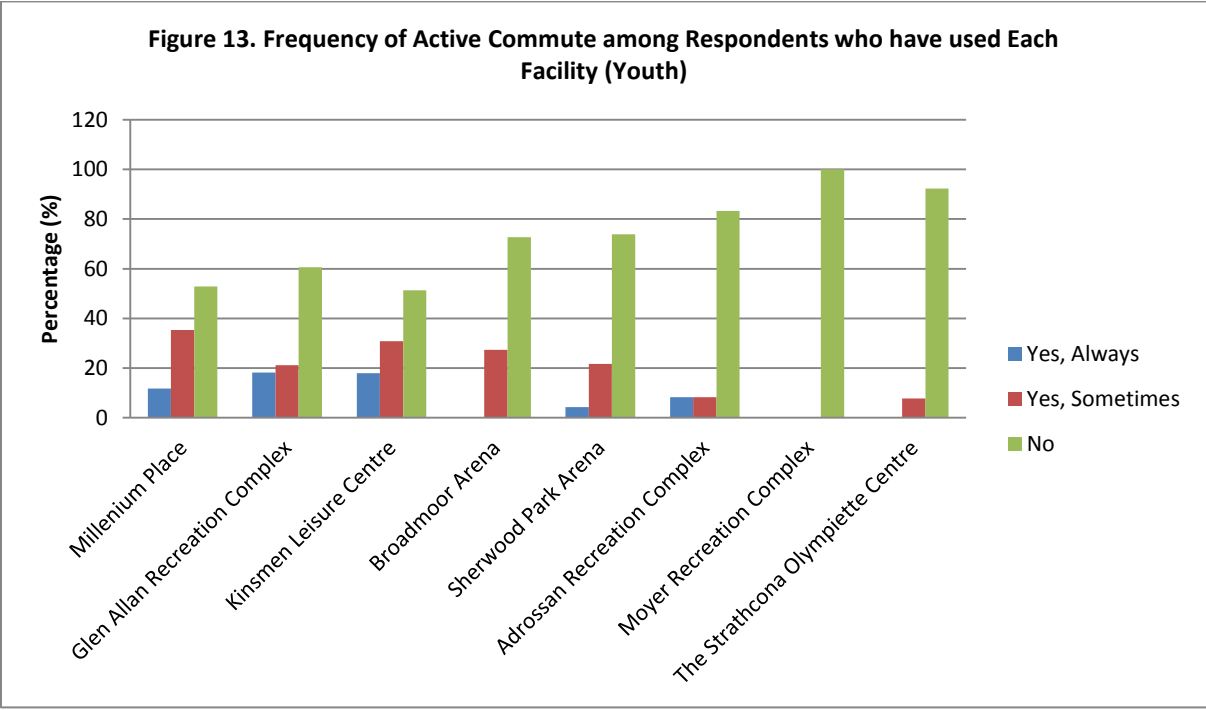
Figure 11. Summary of the Frequency that Participants *Personally Engage* in Physical Activity at Public Indoor Recreation Facilities (Youth)



* Missing/No response/Don't know: MP - 3 (Y). GARC - 19(Y). KLC - 14(Y). BA - 41(Y). SPA - 30(Y). ARC - 42(Y). MRC - 44(Y). SOC - 40(Y). Additionally, there are 19 unknown adult/youth for all facilities.



* Missing/No response/Don't know: MP - 367 (A). GARC - 676 (A). KLC - 634 (A). BA - 877(A). SPA - 839(A). ARC - 878 (A). MRC - 921(A). SOC - 877(A). Additionally, there are 19 unknown adult/youth for all facilities.



* Missing/No response/Don't know: MP - 3 (Y). GARC - 21(Y). KLC - 15(Y). BA - 43(Y). SPA - 31(Y). ARC - 42(Y). MRC - 45(Y). SOC - 41(Y). Additionally, there are 19 unknown adult/youth for all facilities.

Figure 14. Frequency of Transit Commute among Respondents who have used Each Facility (Adult)



* Missing/No response/Don't know: MP - 380(A). GARC -682 (A). KLC - 645 (A). BA -881(A). SPA - 845(A). Additionally, there are 19 unknown adult/youth for all facilities.

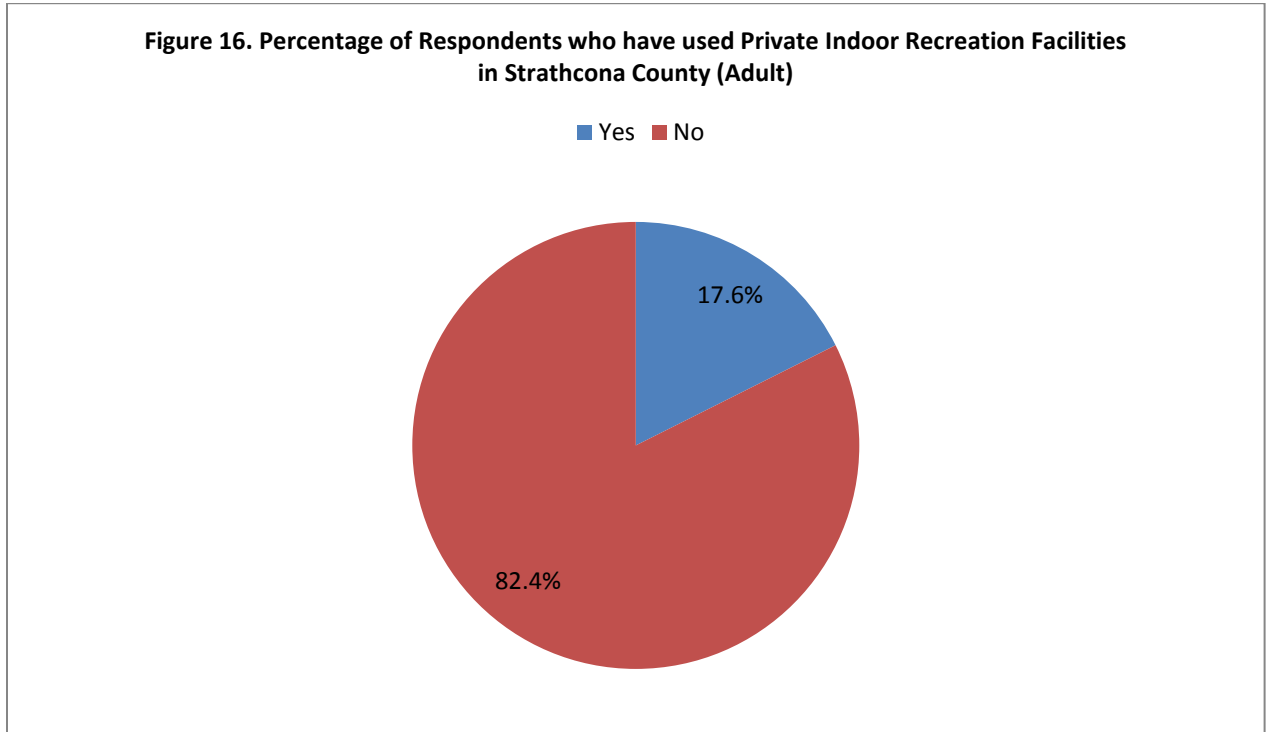
Figure 15. Frequency of Transit Commute among Respondents who have used Each Facility (Youth)



* Missing/No response/Don't know: MP - 4(Y). GARC - 21(Y). KLC - 16(Y). BA - 44(Y). SPA - 32(Y). Additionally, there are 19 unknown adult/youth for all facilities.

Use of Other Indoor Recreation Facilities

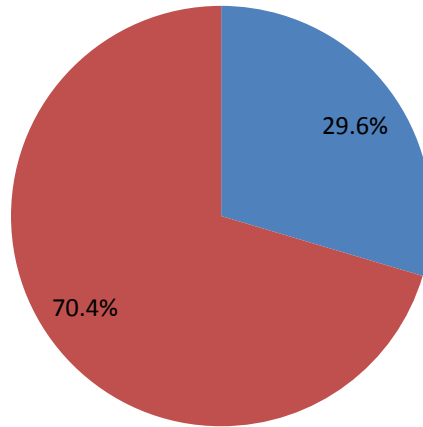
Participants were also asked to indicate if they regularly use any private indoor recreation facilities in Strathcona County (e.g., Good Life Fitness, Curves, etc.), or any other public indoor recreation facilities in surrounding communities (e.g., City of Edmonton); results are presented in *Figures 16, 17, 18 and 19* respectively.



*Additionally, there are 19 unknown adult/youth for all facilities

Figure 17. Percentage of Respondents who have used Private Indoor Recreation Facilities in Strathcona County (Youth)

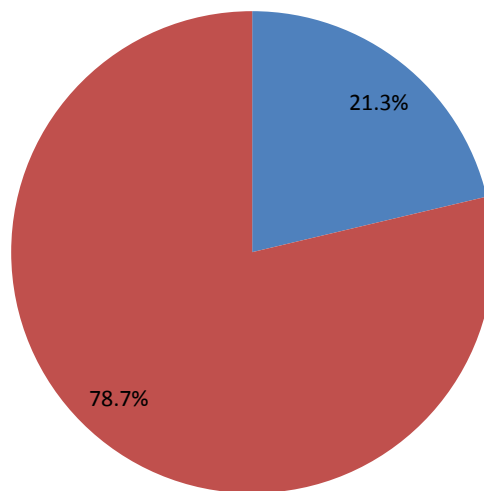
■ Yes ■ No



*Additionally, there are 19 unknown adult/youth for all facilities

Figure 18. Percentage of Respondents who have used Public Indoor Recreation Facilities in Surrounding Communities (Adult)

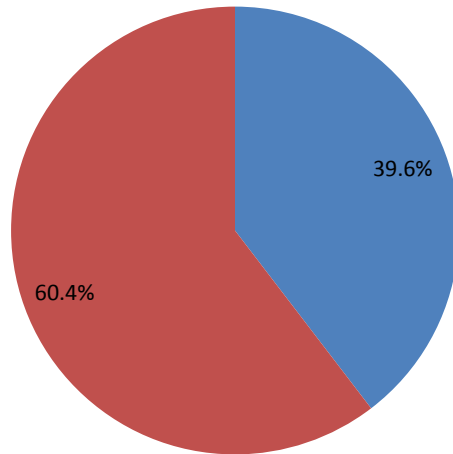
■ Yes ■ No



* Missing/No response/Don't know: 1(Y). Additionally, there are 19 unknown adult/youth for all facilities.

Figure 19. Percentage of Respondents who have used Public Indoor Recreation Facilities in Surrounding Communities (Youth)

■ Yes ■ No



* Missing/No response/Don't know: 1 (A). Additionally, there are 19 unknown adult/yourh for all facilities.

Comparison of Respondents who use Public Indoor Recreation Facilities by Demographic Factors

Table 4 compares those who use public indoor recreation facilities in Strathcona County to those who do not use the indoor facilities, with regards to several demographic variables. The number of users (indicated by a 'yes' response) out of the total respondents was significantly different by location, age, education, employment and income (p-value <0.05). Therefore, the results indicate that: more respondents from Sherwood Park use indoor facilities than respondents in rural Strathcona County; more educated respondents use indoor facilities; and, those respondents with higher levels of income use the indoor facilities more than those with lower incomes.

Table 4. Comparison of Respondents who use Public Indoor Recreation Facilities by Demographic Factors

Variable		Yes	No	Total	% Yes of Total	p-value
Location	Sherwood Park	600	129	729	82.3	0.000*
	Rural Strathcona County	225	91	316	71.2	
Gender	Female	482	121	603	79.9	0.201
	Male	343	99	442	77.6	
Age [^]	Age 13-17	51	3	54	94.4	0.000*
	Age 18-29	95	15	110	86.4	
	Age 30-44	260	20	280	92.9	
	Age 45-64	296	120	416	71.1	
	Age 65+	108	58	166	65.1	
Education ^{#^}	Less than High School	24	18	42	57.1	0.000*
	High School or some College	225	80	305	73.8	
	College/University Graduate	506	115	621	81.5	
Employment ^{#^}	Employed Full Time (>30hr/week)	353	91	444	79.5	0.001*
	Employed Part Time (<30hr/week)	97	11	108	89.8	
	Other (e.g., retired, student, homemaker, disability, maternity leave, unemployed, self-employed)	306	110	416	73.6	
Minority Status [^]	Self-report Minority	48	12	60	80.0	0.356
	Non-Minority	767	202	969	79.2	
	Don't know	4	3	7	57.1	
Income ^{#^}	Under \$40,000	43	22	65	66.2	0.009*
	\$40,000 to \$70,000	89	29	113	78.8	
	\$70,000 to \$100,000	113	26	139	81.3	
	\$100,000 to \$125,000	86	25	111	77.5	
	More than \$125,000	223	40	263	84.8	

*Significant different (p-value <0.05)

Only adult participants included in analysis

^Participants who did not answer these questions were excluded from analysis

Comparison of Respondents who use Public Indoor Recreation Facilities by Other Variables

Table 5 describes a comparison between those who use public indoor recreation facilities and those who do not use indoor facilities, based on a few other variables of interest. Significant differences exist between the levels of self-rated health (i.e., from 1 [poor] to 5 [excellent]). When comparing outcome expectations for health, there were significant differences between levels of agreement [i.e., from strongly disagree to strongly agree) with the statement ‘if I am active, it will help me stay healthy’. Also, significant differences between levels of agreement with the statement ‘I would use public indoor recreation facilities in Strathcona County more often if it weren’t for personal reasons’ were found among respondents.

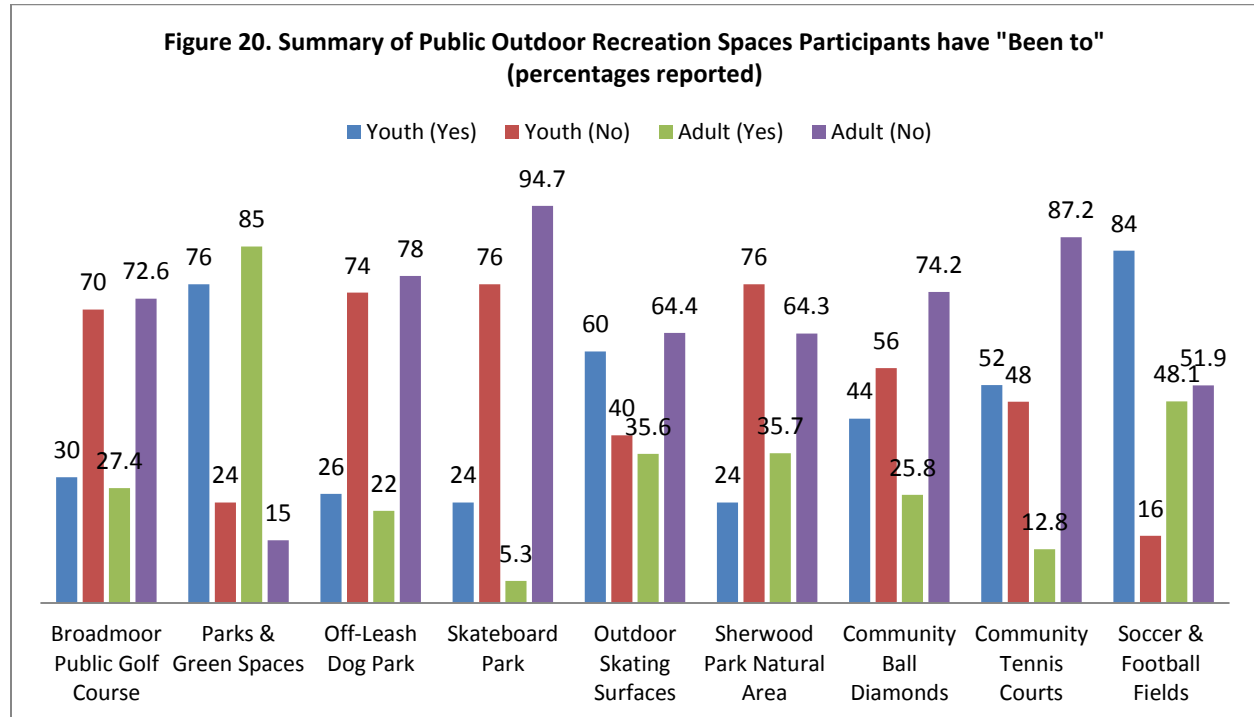
Table 5. Comparison of Respondents who use Public Indoor Recreation Facilities by Other Variables

Variable	p-value
Self-rated health	0.001*
Outcome expectancy for health	0.000*
Weekly Metabolic Equivalents Spent in Physical Activity	0.971
Would use more often if it weren’t for personal reasons (e.g., lack of time, work or family commitments, poor health etc.)	0.034*
Would use more often if spaces better met my needs (e.g., more convenient, less expensive etc.)	0.316

Use of Public Outdoor Recreation Spaces in Strathcona County

Respondents were also asked questions about their use of Strathcona County public outdoor recreation spaces (e.g., parks, playgrounds, ball diamonds, soccer fields, etc.). Overall, 77.7% of respondents indicated that they had “been to” at least one public outdoor recreation space in the last 12 months; 22.3% indicated that they had not.

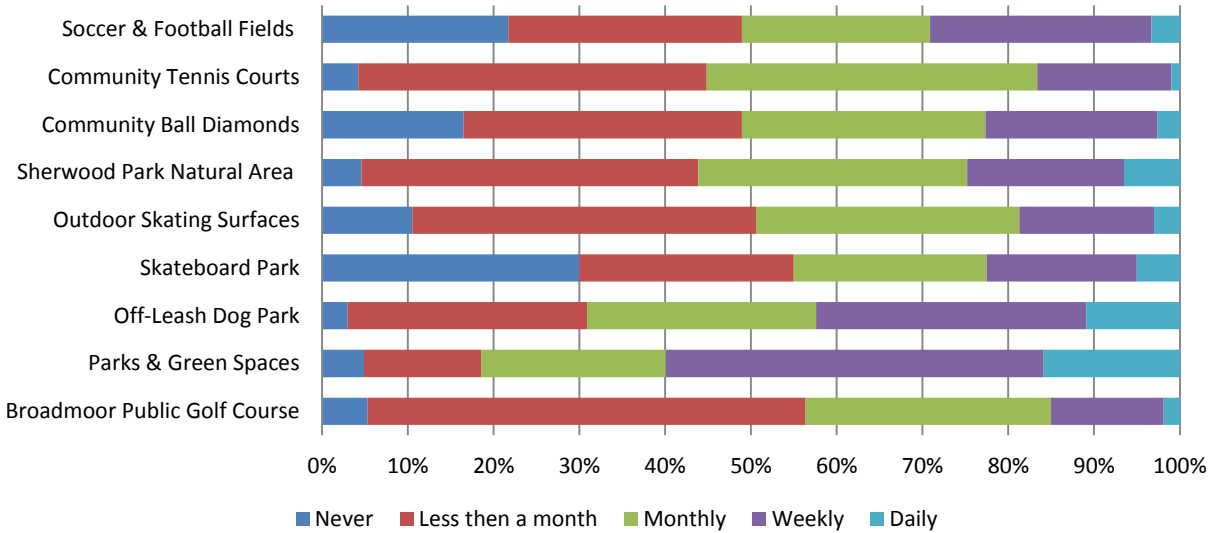
The 77.7% of participants who had indicated that they had “been to” at least one of the public outdoor recreation spaces were subsequently asked which specific spaces they had “been to” (see *Figure 20*).



*Missing/No Response/Don't Know: BPG – 4(Y), 221(A). P&G – 4(Y), 221(A). OL – 4(Y), 222(A). SP – 4(Y), 221(A). OSS – 4(Y), 221(A). SPNA – 4(Y), 235(A). CBD – 4(Y), 221(A), CTC – 4(Y), 221(A). SFF – 4(Y), 221(A). Additionally, there are 19 unknown adult/yourh for all outdoor areas.

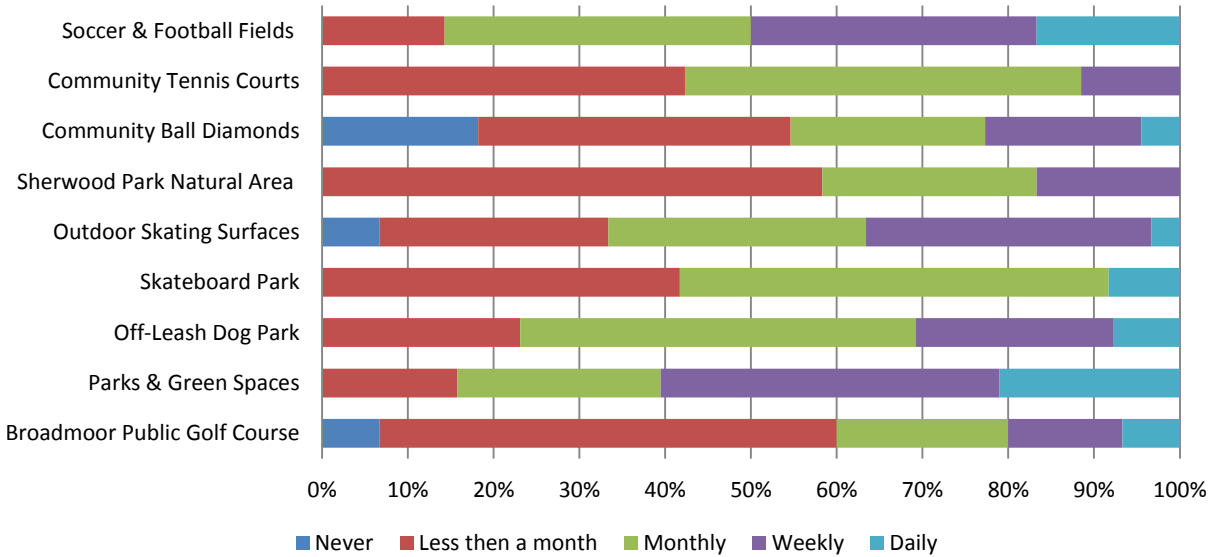
If participants indicated that they had “been to” a specific public outdoor recreation space they were subsequently asked: i) how frequently they personally engage in physical activities at that space (see *Figure 21 & 22*); and ii) when appropriate, what types of activities they use that space for (e.g., league play, leisure, both) (see *Figure 23 & 24*). *Figure 25 and 26* provides a summary about where in the community participants are using public outdoor recreation spaces (e.g., rural Strathcona County, Sherwood Park, both).

Figure 21. Summary of the Frequency that Participants *Personally Engage* in Physical Activity at Outdoor Public Recreation Spaces (Adult)



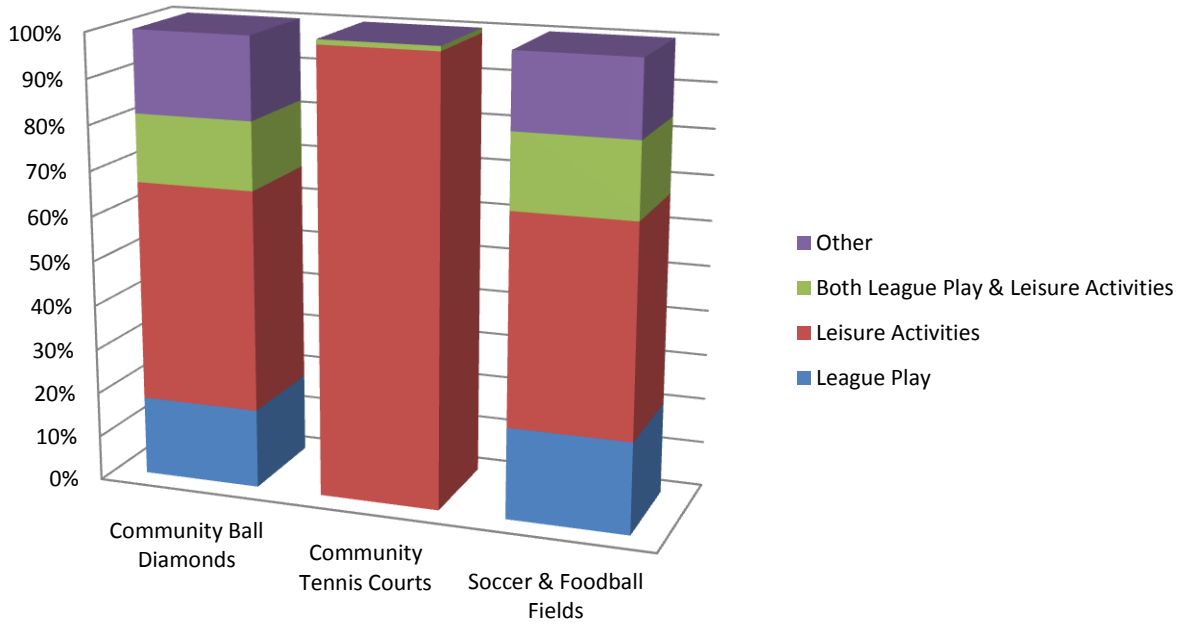
*Missing/No Response/Don't Know: BPG - 766(A). P&G - 335(A). OL - 807(A). SP - 932(A). OSS - 705(A). SPNA - 710(A). CBD - 778(A), CTC - 876(A). SFF - 612(A). Additionally, there are 19 unknown adult/yourh for all outdoor areas.

Figure 22. Summary of the Frequency that Participants *Personally Engage* in Physical Activity at Outdoor Public Recreation Spaces (Youth)



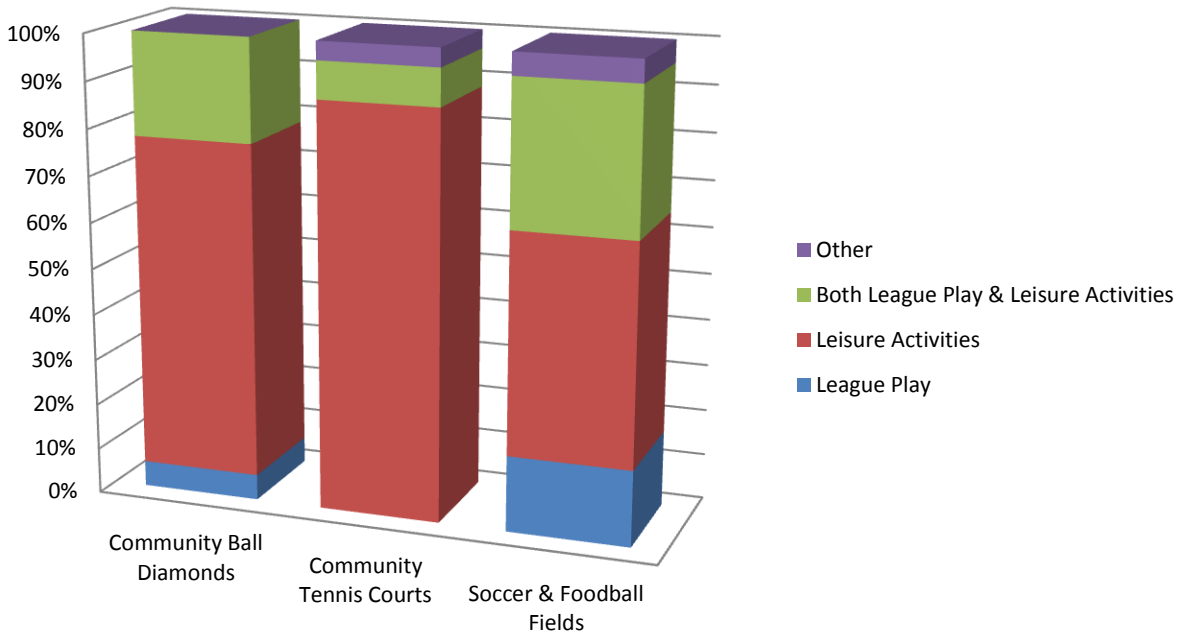
*Missing/No Response/Don't Know: BPG - 39(Y). P&G - 16(Y). OL - 41(Y). SP - 42(Y). OSS - 24(Y). SPNA - 42(Y). CBD - 32(Y) CTC - 28(Y). SFF - 12(Y). Additionally, there are 19 unknown adult/yourh for all outdoor areas.

Figure 23. Types of Activities Public Outdoor Recreation Spaces are Used for (Adult)



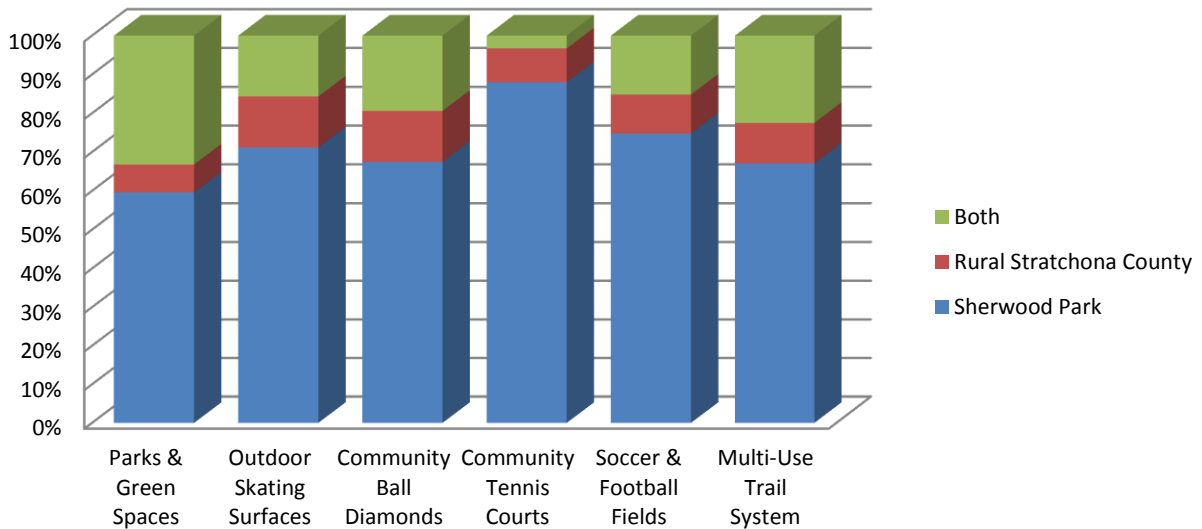
*Missing/No Response/Don't Know: CBD – 813 (A). CTC – 880 (A). SFF – 693(A). Additionally, there are 19 unknown adult/yourh for all outdoor areas.

Figure 24. Types of Activities Public Outdoor Recreation Spaces are Used for (Youth)



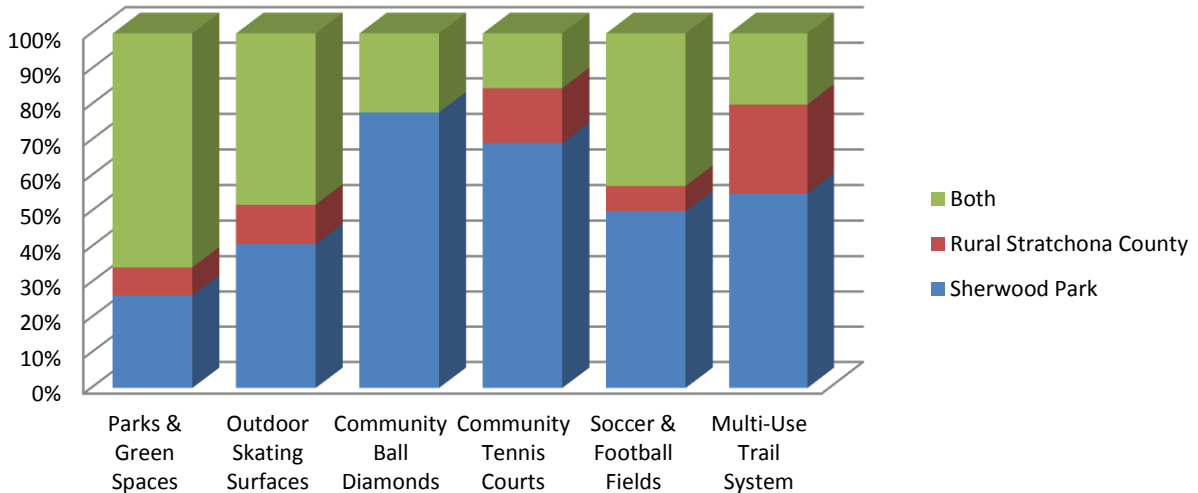
*Missing/No Response/Don't Know: CBD – 36 (Y). CTC – 29(Y). SFF – 12(Y). Additionally, there are 19 unknown adult/yourh for all outdoor areas.

Figure 25. Locations Where Respondents have Used Public Outdoor Recreation Spaces (Adult)



*Missing/No Response/Don't Know: P&G – 375(A). OSS – 736 (A). CBD – 812(A). CTC – 880(A). SFF – 702 (A). MUT – 364(A). Additionally, there are 19 unknown adult/yourh for all outdoor areas.

Figure 26. Locations Where Respondents have Used Public Outdoor Recreation Spaces (Youth)

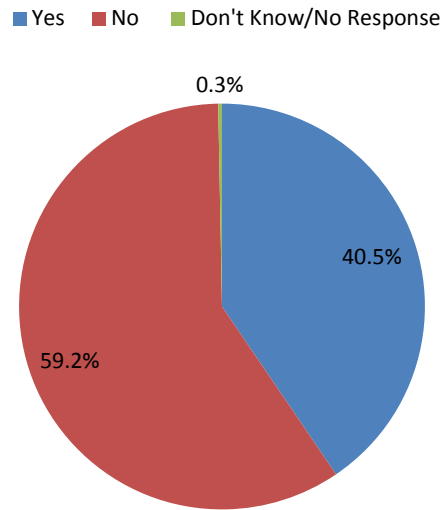


*Missing/No Response/Don't Know: P&G – 16(Y). OSS – 27(Y). CBD – 36(Y). CTC – 28(Y). SFF – 12(Y). MUT – 14(Y). Additionally, there are 19 unknown adult/yourh for all outdoor areas.

Use of Other Outdoor Recreation Spaces

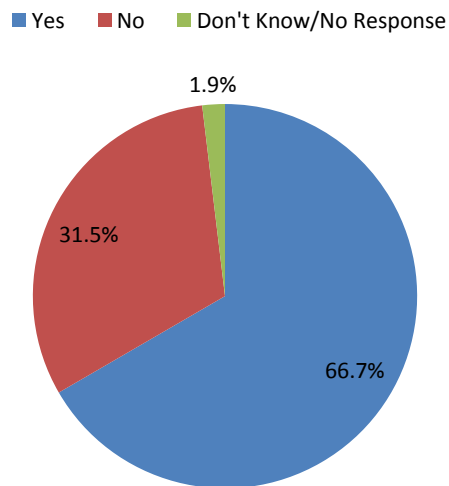
Participants were asked to indicate if they regularly use any outdoor recreation spaces in surrounding communities (e.g., City of Edmonton); results are presented in *Figure 27 and 28*.

Figure 27. Percentage of Respondents who have Used Outdoor Recreation Spaces in Surrounding Communities (Adult)



*Missing/No Response/Don't Know: 3(A). Additionally, there are 19 unknown adult/yourh for all outdoor areas.

Figure 28. Percentage of Respondents who have Used Outdoor Recreation Spaces in Surrounding Communities (Youth)



*Missing/No Response/Don't Know: Additionally, there are 19 unknown adult/yourh for all outdoor areas.

Comparison of Respondents who use Public Outdoor Recreation Spaces by Demographic Factors

Table 6 compares respondents who indicated use of public outdoor recreation spaces with those who did not, with regards to several demographic variables. The number of users (indicated by a 'yes' response) out of the total respondents was significantly different by location, gender, age and education

(p-value <0.05). Therefore, the results indicate that: more respondents from Sherwood Park use outdoor spaces than respondents in rural Strathcona County; more females than males use outdoor public recreation spaces; and more educated respondents use outdoor spaces.

Table 6. Comparison of Respondents who use Public Outdoor Recreation Spaces by Demographic Factors

Variable		Yes	No	Total	% Yes of Total	p-value
Location	Sherwood Park	604	125	729	82.9	0.000*
	Rural Strathcona County	207	108	315	65.7	
Gender	Female	486	117	603	80.6	0.005*
	Male	325	116	441	73.7	
Age [^]	Age 13-17	50	4	54	92.6	0.000*
	Age 18-29	80	29	109	73.4	
	Age 30-44	247	33	280	88.2	
	Age 45-64	320	96	416	76.9	
	Age 65+	103	63	166	62.0	
Education ^{#^}	Less than High School	24	18	42	57.1	0.000*
	High School or some College	211	93	304	69.4	
	College/University Graduate	512	109	621	80.8	
Employment ^{#^}	Employed Full Time (>30hr/week)	339	104	443	76.5	0.068
	Employed Part Time (<30hr/week)	93	15	108	86.1	
	Other (e.g., retired, student, homemaker, disability, maternity leave, unemployed, self-employed)	316	100	416	76.0	
Minority ^{#^} Status	Self-report Minority	43	17	60	71.7	0.446
	Non-Minority	758	210	968	78.3	
Income ^{#^}	Under \$40,000	43	22	65	66.2	0.049
	\$40,000 to \$70,000	91	27	118	77.1	
	\$70,000 to \$100,000	105	34	139	75.5	
	\$100,000 to \$125,000	91	20	111	82.0	
	More than \$125,000	216	47	263	82.1	

*Significant different (p-value <0.05)

Only adult participants included in analysis

^Participants who did not answer these questions were excluded from analysis

Comparison of Respondents who use Public Outdoor Recreation Spaces by Other Variables

Table 7 provides a comparison between respondents who use public outdoor recreation spaces to those who do not, based on a few other variables of interest. Significant differences exist between the different levels of self-rated health (i.e., from 1 [poor] to 5 [excellent]). When comparing outcome expectations for health, there were significant differences between levels of agreement (i.e., from strongly disagree to strongly agree) with the statement 'if I am active, it will help me stay healthy'.

Table 7. Comparison of Respondents who Use Public Outdoor Recreation Spaces by Other Variables

Variable	p-value
Self-rated health	0.000*
Outcome expectancy for health	0.000*
Weekly Metabolic Equivalent Spent in Physical Activity	0.642
Would use more often if it weren't for personal reasons (e.g., lack of time, work or family commitments, poor health etc.)	0.475
Would use more often if spaces better met my needs (e.g., more convenient, less expensive etc.)	0.254

Conclusions

This report presented an overview of the general findings from the baseline survey of 'Understanding Community Investment in Recreation Spaces' in Strathcona County. Findings compared results between self-described users and non-users of recreation facilities; supplemental findings specific to youth and adult respondents is forthcoming in early 2012. The survey will be repeated in Fall 2012 to assess changes in recreation space utilization following the OSRFS revitalization.

Appendix A

Table 8. Missing/No Response/Didn't Know Data for Adults in Strathcona County

Variable	Sub Variable	Missing	Answered	Total
Education		4	968	972
Been to (Indoor)				
	Millennium Place	213	759	972
	Glen Allan Recreation Complex	213	759	972
	Kinsmen Leisure Centre	213	759	972
	Broadmoor Arena	214	758	972
	Sherwood Park Arena	216	756	972
	Ardrossan Recreation Complex	213	759	972
	Moyer Recreation Complex	213	759	972
	The Strathcona Olympiette Centre	213	759	972
	Private Indoor Recreation Facilities	0	972	972
	Indoor Recreation Facilities in Surrounding Communities	1	971	972
Personally Engage in Physical Activity				
	Millennium Place	269	702	972
	Glen Allan Recreation Complex	587	385	972
	Kinsmen Leisure Centre	548	424	972
	Broadmoor Arena	804	168	972
	Sherwood Park Arena	754	218	972
	Ardrossan Recreation Complex	808	164	972
	Moyer Recreation Complex	874	98	972
	The Strathcona Olympiette Centre	826	146	972
Active Commute				
	Millennium Place	367	605	972
	Glen Allan Recreation Complex	676	296	972
	Kinsmen Leisure Centre	634	338	972
	Broadmoor Arena	877	95	972
	Sherwood Park Arena	839	133	972
	Ardrossan Recreation Complex	878	94	972
	Moyer Recreation Complex	921	51	972
	The Strathcona Olympiette Centre	877	95	972
Public Transit Commute				
	Millennium Place	380	592	972
	Glen Allan Recreation Complex	682	290	972
	Kinsmen Leisure Centre	645	327	972
	Broadmoor Arena	881	91	972
	Sherwood Park Arena	845	127	972
Been to (Outdoor)				
	Broadmoor Public Golf Course	221	751	972
	Parks and Green Spaces	221	751	972
	Off Leash Dog Parks	222	750	972
	Skateboard Park	221	751	972
	Outdoor Skating Surfaces	221	751	972
	Sherwood Park Natural Area	235	737	972
	Community Ball Diamonds	221	751	972
	Community Tennis Courts	221	751	972
	Soccer and Football Fields	221	751	972
	Use Outdoor Public Recreation in Surrounding Areas	3	969	972
Personally Engaged in Physical Activity				

	Broadmoor Public Golf Course	766	206	972
	Parks and Green Spaces	335	637	972
	Off Leash Dog Parks	807	165	972
	Skateboard Park	932	40	972
	Outdoor Skating Surfaces	705	267	972
	Sherwood Park Natural Area	710	262	972
	Community Ball Diamonds	778	194	972
	Community Tennis Courts	876	96	972
	Soccer and Football Fields	612	360	972
	Multiuse trail system	225	747	972
Use of Outdoor Facilities (e.g. Leisure or League)	Community Ball Diamonds	813	159	972
	Community Tennis Courts	880	92	972
	Soccer and Football Fields	693	279	972
Use of Outdoor facilities in Spruce Grove, Stony Plain, or Parkland County	Parks and Green Spaces	375	597	972
	Community Ball Diamonds	812	160	972
	Community Tennis Courts	880	92	972
	Soccer and Football Fields	702	270	972
	Outdoor Skating Surfaces	736	236	972
	Multiuse Trail System	364	608	972

***Note: All data was missing 19 people's responses because they never gave their age.**

Table 9. Missing/No Response/Didn't Know for Youth in Strathcona County

Variable	Sub Variable	Missing	Answered	Total
Education		0	54	54
Been to (Indoor)	Millennium Place	3	51	54
	Glen Allan Recreation Complex	3	51	54
	Kinsmen Leisure Centre	4	50	54
	Broadmoor Arena	3	51	54
	Sherwood Park Arena	3	51	54
	Ardrossan Recreation Complex	3	51	54
	Moyer Recreation Complex	3	51	54
	The Strathcona Olympiette Centre	3	51	54
	Private Indoor Recreation Facilities	0	54	54
	Indoor Recreation Facilities in Surrounding Communities	1	53	54
Personally Engage in Physical Activity	Millennium Place	3	51	54
	Glen Allan Recreation Complex	19	35	54
	Kinsmen Leisure Centre	14	40	54
	Broadmoor Arena	41	13	54
	Sherwood Park Arena	30	24	54
	Ardrossan Recreation Complex	42	12	54
	Moyer Recreation Complex	44	10	54
	The Strathcona Olympiette Centre	40	14	54
Active Commute	Millennium Place	3	51	54
	Glen Allan Recreation Complex	21	33	54
	Kinsmen Leisure Centre	15	39	54

	Broadmoor Arena	43	11	54
	Sherwood Park Arena	31	23	54
	Ardrossan Recreation Complex	42	12	54
	Moyer Recreation Complex	45	9	54
	The Strathcona Olympiette Centre	41	13	54
Public Transit Commute				
	Millennium Place	4	50	54
	Glen Allan Recreation Complex	21	33	54
	Kinsmen Leisure Centre	16	38	54
	Broadmoor Arena	44	10	54
	Sherwood Park Arena	32	22	54
Been to (Outdoor)				
	Broadmoor Public Golf Course	4	50	54
	Parks and Green Spaces	4	50	54
	Off Leash Dog Parks	4	50	54
	Skateboard Park	4	50	54
	Outdoor Skating Surfaces	4	50	54
	Sherwood Park Natural Area	4	50	54
	Community Ball Diamonds	4	50	54
	Community Tennis Courts	4	50	54
	Soccer and Football Fields	4	50	54
	Use Outdoor Public Recreation in Surrounding Areas	1	53	54
Personally Engaged in Physical Activity				
	Broadmoor Public Golf Course	39	15	54
	Parks and Green Spaces	16	38	54
	Off Leash Dog Parks	41	13	54
	Skateboard Park	42	12	54
	Outdoor Skating Surfaces	24	30	54
	Sherwood Park Natural Area	42	12	54
	Community Ball Diamonds	32	22	54
	Community Tennis Courts	28	26	54
	Soccer and Football Fields	12	42	54
	Multiuse trail system	5	49	54
Use of Outdoor Facilities (e.g. Leisure or League)				
	Community Ball Diamonds	36	18	54
	Community Tennis Courts	29	25	54
	Soccer and Football Fields	12	42	54
Use of Outdoor facilities in Spruce Grove, Stony Plain, or Parkland County				
	Parks and Green Spaces	16	38	54
	Community Ball Diamonds	36	18	54
	Community Tennis Courts	28	26	54
	Soccer and Football Fields	12	42	54
	Outdoor Skating Surfaces	27	27	54
	Multiuse Trail System	14	40	54

***Note: All data was missing 19 people's responses because they never gave their age.**