



THE CITY OF  
**CALGARY**

# Parks 2014 Pathway Research Observation Site Report Site #3 Mt. Douglas Circle

Prepared by:



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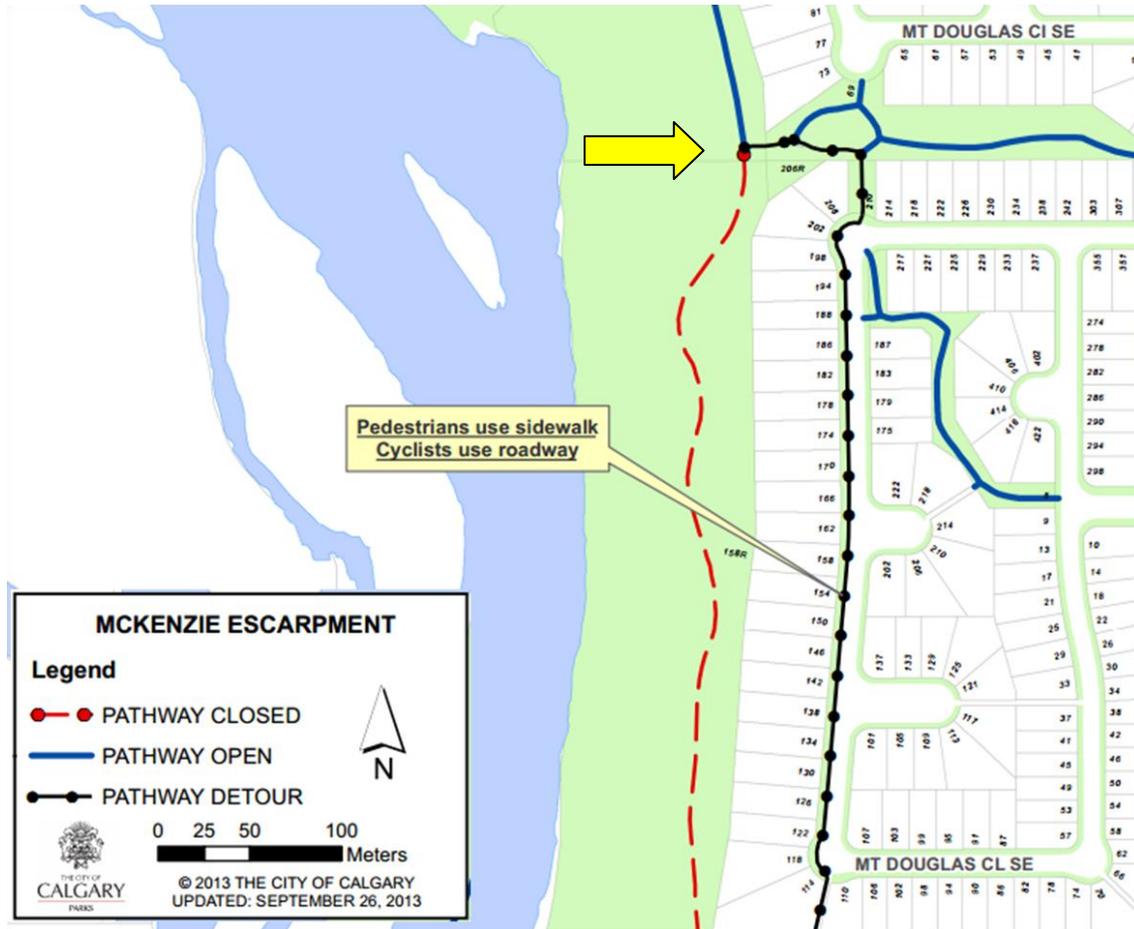
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## Location and Site Description

This site is located where the pathway system connects between Mt. Douglas Circle and Mt. Douglas Close, SE. Observers were stationed at the intersection of the access trail and the south Bow River pathway. The site is at the north end of the McKenzie Escarpment closure, with a detour available through the neighbourhood for southbound access. The detour ends at Mt Alberta View. To the north the pathway is open until 130<sup>th</sup> Ave SE.



## **Background Notes**

The site was observed for a total of 60 hours. Three weekdays (Monday, Tuesday and Wednesday), and two weekend days (Saturday and Sunday) were observed. The observation dates were October 4<sup>th</sup> to 8<sup>th</sup>. Weather conditions were mixed between sunny, partly cloudy, and cloudy periods.

At all sites path closures and path safety were an issue depending on direction of travel. Each location had an associated closure and/or detour.

## **Highlights of this Site**

- A total of 2392 pathway users were observed at this site which represents an average of 39.9 users per hour.
- The main activities at this site are walking (1,252, 52.3%), followed by cycling (813, 34.0%) and running (298, 12.5%).
- There were more men than women using the pathways at this site (1,241 men, 52% of total vs. 1,149 women, 48% of total).
- The majority of pathway users were adults (1,868, 78.1%), followed by seniors (226, 9.4%), youth (170, 7.1%) and children (128, 5.4%).
- Of the pathway users at this site, 392 (16%) were with their dog(s).

## Trip Counts

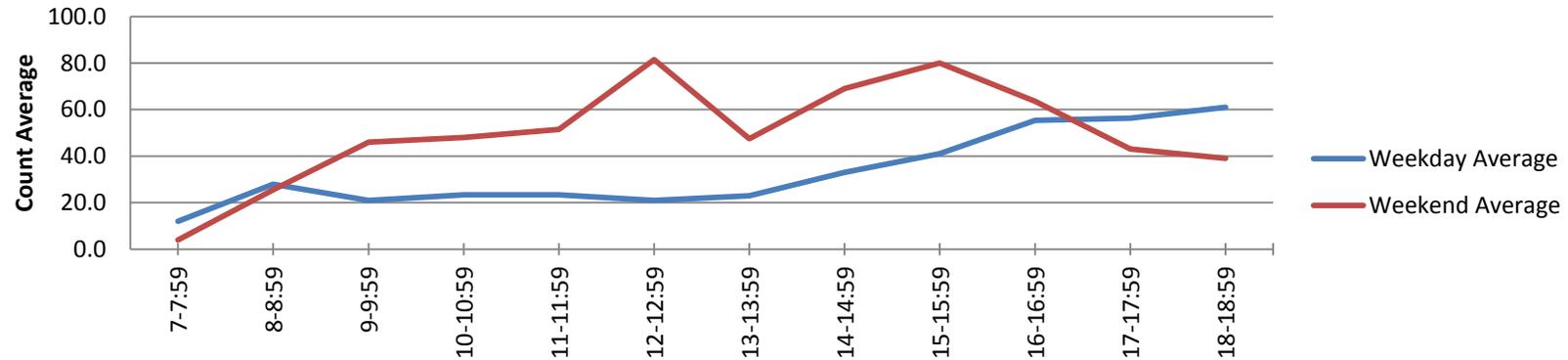
Use Summary					
	Count	Days	Hours	Ave/Day	Ave/Hr
<i>Total Use</i>	2392	5	60	478.4	39.9
Weekday	1195	3	36	398.3	33.2
Weekend	1197	2	24	598.5	49.9

## Usage Patterns

### Volume

Weekday vs. Weekend Use by Hour						
	Weekday			Weekend		
	3-Day Count	Weekday Average	% Within Weekday Ave.	2-Day Count	Weekend Average	% Within Weekend Ave.
7-7:59	36	12.0	3.0%	8	4.0	0.7%
8-8:59	84	28.0	7.0%	51	25.5	4.3%
9-9:59	63	21.0	5.3%	92	46.0	7.7%
10-10:59	70	23.3	5.9%	96	48.0	8.0%
11-11:59	70	23.3	5.9%	103	51.5	8.6%
12-12:59	63	21.0	5.3%	163	81.5	13.6%
13-13:59	69	23.0	5.8%	95	47.5	7.9%
14-14:59	99	33.0	8.3%	138	69.0	11.5%
15-15:59	123	41.0	10.3%	160	80.0	13.4%
16-16:59	166	55.3	13.9%	127	63.5	10.6%
17-17:59	169	56.3	14.1%	86	43.0	7.2%
18-18:59	183	61.0	15.3%	78	39.0	6.5%
<i>Total</i>	1195	398.3	100.0%	1197	598.5	100.0%

Average Number of Pathway Users Per Hour



**Direction**

This site had two possible directions, Northbound and Southbound. The observer was stationed at the intersection of the Bow River pathway and the access pathway. The observer was responsible for recording users heading in both directions of travel. To the north is 130<sup>th</sup> Ave SW, to the south Mt Alberta View.

Direction								
	Weekday			Weekend			Total	
	3-Day Count	Weekday Average	% Within Day	2-Day Count	Weekend Average	% Within Day	Count	% Within Total
North	558	186.0	46.7%	531	265.5	44.4%	1089	46%
South	637	212.3	53.3%	666	333	55.6%	1303	54%
<i>Total</i>	1195	398.3	100.0%	1197	598.5	100.0%	2392	100%

For more detailed hourly directional data, see Appendix A.

### Activity

The main activities at this site are walking (1,252, 52.3%), followed by cycling (813, 34.0%) and running (298, 12.5%). Of the pathway users at this site, 392 (16%) were with their dog(s).

	Activity							
	Weekday			Weekend			Total	
	3-Day Count	Weekday Average	% Within Day/% Within Activity	2-Day Count	Weekend Average	% Within Day/% Within Activity	5-Day Count	% Within Total/% Within Activity
<b>Total Walking</b>	<b>643</b>	<b>214.3</b>	<b>53.8%</b>	<b>609</b>	<b>304.5</b>	<b>50.9%</b>	<b>1252</b>	<b>52.3%</b>
Walking Only	429	143.0	66.7%	426	213	70.0%	855	68.3%
Walking with Dog	187	62.3	29.1%	164	82	26.9%	351	28.0%
Walking with Stroller	25	8.3	3.9%	17	8.5	2.8%	42	3.4%
Walking - Physically Challenged	3	1.0	0.5%	2	1	0.3%	5	0.4%
<b>Total Running</b>	<b>137</b>	<b>45.7</b>	<b>11.5%</b>	<b>161</b>	<b>80.5</b>	<b>13.5%</b>	<b>298</b>	<b>12.5%</b>
Running Only	111	37.0	81.0%	140	70	87.0%	251	84.2%
Running with Dog	19	6.3	13.9%	21	10.5	13.0%	40	13.4%
Running with Stroller	7	2.3	5.1%	0	0	0.0%	7	2.3%
<b>Total Cycling</b>	<b>403</b>	<b>134.3</b>	<b>33.7%</b>	<b>410</b>	<b>205</b>	<b>34.3%</b>	<b>813</b>	<b>34.0%</b>
Cycling Only	403	134.3	100.0%	409	204.5	99.8%	812	99.9%
Cycling with Dog	0	0.0	0.0%	1	0.5	0.2%	1	0.1%
Cycling with Trailer	1	0.3	0.2%	7	3.5	1.7%	8	1.0%
<b>Total Inline Skating</b>	<b>0</b>	<b>0.0</b>	<b>0.0%</b>	<b>4</b>	<b>2</b>	<b>0.3%</b>	<b>4</b>	<b>0.2%</b>
Skating Only	0	0.0	0.0%	4	2	100.0%	4	100.0%
Skating with Dog	0	0.0	0.0%	0	0	0.0%	0	0.0%
Skating with Stroller	0	0.0	0.0%	0	0	0.0%	0	0.0%
<b>Wheelchair</b>	<b>1</b>	<b>0.3</b>	<b>0.1%</b>	<b>0</b>	<b>0</b>	<b>0.0%</b>	<b>1</b>	<b>0.0%</b>
<b>Skateboard</b>	<b>9</b>	<b>3.0</b>	<b>0.8%</b>	<b>6</b>	<b>3</b>	<b>0.5%</b>	<b>15</b>	<b>0.6%</b>
<b>Scooter</b>	<b>0</b>	<b>0.0</b>	<b>0.0%</b>	<b>4</b>	<b>2</b>	<b>0.3%</b>	<b>4</b>	<b>0.2%</b>
<b>Other</b>	<b>2</b>	<b>0.7</b>	<b>0.2%</b>	<b>3</b>	<b>1.5</b>	<b>0.3%</b>	<b>5</b>	<b>0.2%</b>
<b>Total</b>	<b>1195</b>	<b>398.3</b>	<b>100.0%</b>	<b>1197</b>	<b>598.5</b>	<b>100.0%</b>	<b>2392</b>	<b>100.0%</b>

On weekdays, the site was busier later in the day, peaking between 18:00-18:59 with 183 observations. Walking consistently made up the majority of all observed activities with 53.8% on weekdays, peaking between 18:00-18:59 with 94 observations or 51.4% of all observed activities at that hour. Cycling was the second most frequently observed activity, with one third, or 33.7% of all observations, and also peaked between 18:00-18:59 with 71 observations.

In contrast, on the weekend the busiest hour was at midday between 12:00-12:59 with 163 observations. Again, walking was the most frequently observed activity with 609 observations (50.9%), followed by cycling at 410, or 34.3% of all observations. The peak hour for both walking and cycling on the weekend was between 15:00-15:59 with 79 and 76 observations, respectively.

Nearly one third of users obeyed the closure (31.7%) and used the detour (31.4%). Less than half of those who were walking (41.3%) obeyed the closure, followed by less than one third of runners (27.2%) and 18.6% of cyclists. Children under the age of 15 were most likely to obey the closure (52.2% of boys and 63.2% of girls), and adults being the least likely (24.9% of men and 30.3% of women).

For more detailed data of closure and detour usage by age, gender and direction, see below.

For more detailed data of activity by hour, see Appendix B.

For more detailed data of activity by time of day by direction, see Appendix C.

**Closures and Detours by Activity**

<b>Closures and Detours - Total</b>		
	Count	% Within Activity
<b>Total Walking</b>	<b>1252</b>	
Obeyed Closure	517	41.3%
Disobeyed Closure	735	58.7%
Used Detour	514	41.1%
Did Not Use Detour	738	58.9%
<b>Total Running</b>	<b>298</b>	
Obeyed Closure	81	27.2%
Disobeyed Closure	217	72.8%
Used Detour	79	26.5%
Did Not Use Detour	219	73.5%
<b>Total Cycling</b>	<b>813</b>	
Obeyed Closure	151	18.6%
Disobeyed Closure	662	81.4%
Used Detour	148	18.2%
Did Not Use Detour	665	81.8%
<b>Total Inline Skating</b>	<b>4</b>	
Obeyed Closure	-	0.0%
Disobeyed Closure	4	100.0%
Used Detour	-	0.0%
Did Not Use Detour	4	100.0%
<b>Other</b>	<b>25</b>	
Obeyed Closure	9	36.0%
Disobeyed Closure	16	64.0%
Used Detour	9	36.0%
Did Not Use Detour	16	64.0%
<b>Total</b>	<b>2392</b>	
Obeyed Closure	758	31.7%
Disobeyed Closure	1634	68.3%
Used Detour	750	31.4%
Did Not Use Detour	1642	68.6%

**Closures and Detours by Direction**

<b>Closures and Detours - Total</b>				
	North		South	
	Count	%	Count	%
Obeyed Closure	366	33.6%	392	30.1%
Disobeyed Closure	723	66.4%	911	69.9%
Used Detour	364	33.4%	386	29.6%
Did Not Use Detour	725	66.6%	917	70.4%
<b>Total</b>	1089	100.0%	1303	100.0%

**Obeyed Closures – Total**

Obeyed Closure		
	# of Users Observed	% of Users Observed
Yes	758	31.7%
No	1634	68.3%
<i>Total</i>	2392	100.0%

**Obeyed Closures by Gender and Age – Male**

Obeyed Closure								
	Male							
	Child		Youth		Adult		Senior	
	Count	%	Count	%	Count	%	Count	%
Yes	47	52.2%	32	32.7%	225	24.9%	51	34.5%
No	43	47.8%	66	67.3%	680	75.1%	97	65.5%
<i>Total</i>	90	100.0%	98	100.0%	905	100.0%	148	100.0%

**Obeyed Closures by Gender and Age – Female**

Obeyed Closure								
	Female							
	Child		Youth		Adult		Senior	
	Count	%	Count	%	Count	%	Count	%
Yes	24	63.2%	43	59.7%	292	30.3%	42	55.3%
No	14	36.8%	29	40.3%	671	69.7%	34	44.7%
<i>Total</i>	38	100.0%	72	100.0%	963	100.0%	76	100.0%

**Used Detour - Total**

Used Detour		
	# of Users Observed	% of Users Observed
Yes	750	31.4%
No	1642	68.6%
<b>Total</b>	<b>2392</b>	<b>100.0%</b>

**Used Detour by Gender and Age - Male**

Used Detour								
	Male							
	Child		Youth		Adult		Senior	
	Count	%	Count	%	Count	%	Count	%
Yes	47	52.2%	32	32.7%	222	24.5%	50	33.8%
No	43	47.8%	66	67.3%	683	75.5%	98	66.2%
<b>Total</b>	<b>90</b>	<b>100.0%</b>	<b>98</b>	<b>100.0%</b>	<b>905</b>	<b>100.0%</b>	<b>148</b>	<b>100.0%</b>

**Used Detour by Gender and Age - Female**

Used Detour								
	Female							
	Child		Youth		Adult		Senior	
	Count	%	Count	%	Count	%	Count	%
Yes	24	63.2%	43	59.7%	289	30.0%	41	53.9%
No	14	36.8%	29	40.3%	674	70.0%	35	46.1%
<b>Total</b>	<b>38</b>	<b>100.0%</b>	<b>72</b>	<b>100.0%</b>	<b>963</b>	<b>100.0%</b>	<b>76</b>	<b>100.0%</b>

## Pathway User Characteristics

### Age and Gender

Age and Gender								
	Male		Female		Unknown		Total	
	Count	% of Total	Count	% of Total	Count	% of Total	Count	% of Total
Child (14 and under)	90	3.8%	38	1.6%	-	0.0%	128	5.4%
Youth (15-19)	98	4.1%	72	3.0%	-	0.0%	170	7.1%
Adult (20-64)	905	37.8%	963	40.3%	-	0.0%	1868	78.1%
Senior (65 and over)	148	6.2%	76	3.2%	2	0.1%	226	9.4%
<b>Total</b>	<b>1241</b>	<b>51.9%</b>	<b>1149</b>	<b>48.0%</b>	<b>2</b>	<b>0.1%</b>	<b>2392</b>	<b>100.0%</b>

### Gender Characteristics by Weekday/Weekend

Gender Characteristics by Weekday/Weekend								
	Weekday			Weekend			Total	
	Count	Weekday Average	% Within Day	Count	Weekend Average	% Within Day	Count	% Within Total
Male	615	205.0	51.5%	626	313	52.3%	1241	51.9%
Female	578	192.7	48.4%	571	285.5	47.7%	1149	48.0%
Unknown	2	0.7	0.2%	-	-	-	2	0.1%
<b>Total</b>	<b>1195</b>	<b>398.3</b>	<b>100.0%</b>	<b>1197</b>	<b>598.5</b>	<b>100.0%</b>	<b>2392</b>	<b>100.0%</b>

**Age Characteristics by Weekday/Weekend**

Age Characteristics by Weekday/Weekend								
	Weekday			Weekend			Total	
	Count	Weekday Average	% Within Day	Count	Weekend Average	% Within Day	Count	% Within Total
Child (14 and under)	78	26.0	6.5%	50	25	4.2%	128	5.4%
Youth (15-19)	97	32.3	8.1%	73	36.5	6.1%	170	7.1%
Adult (20-64)	870	290.0	72.8%	998	499	83.4%	1868	78.1%
Senior (65 and over)	150	50.0	12.6%	76	38	6.3%	226	9.4%
<i>Total</i>	1195	398.3	100.0%	1197	598.5	100.0%	2392	100.0%

**Age, Gender and Activity – Weekday**

Age, Gender and Activity								
	Weekday							
	Child/Youth				Adult/Senior			
	Male		Female		Male		Female	
	Count	Ave/Hr	Count	Ave/Hr	Count	Ave/Hr	Count	Ave/Hr
Walking	20	0.6	31	0.9	214	5.9	376	10.4
Running	65	1.8	14	0.4	248	6.9	76	2.1
Cycling	16	0.4	18	0.5	43	1.2	60	1.7
Inline Skating	-	-	-	-	-	-	-	-
<i>Total</i>	110	3.1	65	1.8	505	14.0	513	14.3

**Age, Gender and Activity – Weekend**

Age, Gender and Activity								
	Weekend							
	Child/Youth				Adult/Senior			
	Male		Female		Male		Female	
	Count	Ave/Hr	Count	Ave/Hr	Count	Ave/Hr	Count	Ave/Hr
Walking	27	1.1	32	1.3	230	9.6	320	13.3
Running	44	1.8	12	0.5	227	9.5	127	5.3
Cycling	2	0.1	1	0.0	82	3.4	76	3.2
Inline Skating	2	0.1	-	-	1	0.0	1	0.0
<i>Total</i>	78	3.3	45	1.9	548	22.8	526	21.9

See Appendix D for hourly use data by activity and gender and Appendix E for hourly use data by activity and age.

**Helmet Use**

*Please note that unlike the 2010 observation research which only observed helmet use among cyclists, this report is in line with previous studies which included cyclists, inline skaters, and skateboarders.*

**Helmet Use Among Cyclists, Inline Skaters and Skateboarders**

Helmet Use Among Cyclists, Inline Skaters and Skateboarders		
	# of Users Observed	% of Users Observed
Wearing Helmet	607	73.0%
Not Wearing Helmet	224	27.0%
<i>Total</i>	831	100.0%

**Helmet Use by Gender and Age – Male**

Helmet Use by Gender and Age								
	Male							
	Child		Youth		Adult		Senior	
	Count	%	Count	%	Count	%	Count	%
Wearing Helmet	45	97.8%	38	51.4%	326	72.6%	17	53.1%
Not Wearing Helmet	1	0.0%	36	48.6%	123	27.4%	15	46.9%
<i>Total</i>	46	100.0%	74	100.0%	449	100.0%	32	100.0%

**Helmet Use by Gender and Age – Female**

Helmet Use by Gender and Age								
	Female							
	Child		Youth		Adult		Senior	
	Count	%	Count	%	Count	%	Count	%
Wearing Helmet	12	100%	8	57%	158	78.6%	3	100%
Not Wearing Helmet	-	0%	6	43%	43	21.4%	-	0%
<i>Total</i>	12	100%	14	100%	201	100.0%	3	100%

## Appendix A: Hourly Directional Data

Weekday

Appendix A: Hourly Directional Data								
Weekday								
Hours	Total Count	Time	North Count	Ave/ Hr	% Within Hour	South Count	Ave/ Hr	% Within Hour
3	36	7-7:59	20	6.7	55.6%	16	5.3	44.4%
3	84	8-8:59	40	13.3	47.6%	44	14.7	52.4%
3	63	9-9:59	32	10.7	50.8%	31	10.3	49.2%
3	70	10-10:59	27	9.0	38.6%	43	14.3	61.4%
3	70	11-11:59	47	15.7	67.1%	23	7.7	32.9%
3	63	12-12:59	25	8.3	39.7%	38	12.7	60.3%
3	69	13-13:59	29	9.7	42.0%	40	13.3	58.0%
3	99	14-14:59	44	14.7	44.4%	55	18.3	55.6%
3	123	15-15:59	55	18.3	44.7%	68	22.7	55.3%
3	166	16-16:59	77	25.7	46.4%	89	29.7	53.6%
3	169	17-17:59	73	24.3	43.2%	96	32.0	56.8%
3	183	18-18:59	89	29.7	48.6%	94	31.3	51.4%
36	1195	Total	558	15.5	46.7%	637	17.7	53.3%

Weekend

Appendix A: Hourly Directional Data								
Weekend								
Hours	Total Count	Time	North Count	Ave/ Hr	% Within Hour	South Count	Ave/ Hr	% Within Hour
2	8	7-7:59	2	1.0	25.0%	6	3.0	75.0%
2	51	8-8:59	23	11.5	45.1%	28	14.0	54.9%
2	92	9-9:59	49	24.5	53.3%	43	21.5	46.7%
2	96	10-10:59	43	21.5	44.8%	53	26.5	55.2%
2	103	11-11:59	48	24.0	46.6%	55	27.5	53.4%
2	163	12-12:59	60	30.0	36.8%	103	51.5	63.2%
2	95	13-13:59	40	20.0	42.1%	55	27.5	57.9%
2	138	14-14:59	60	30.0	43.5%	78	39.0	56.5%
2	160	15-15:59	66	33.0	41.3%	94	47.0	58.8%
2	127	16-16:59	62	31.0	48.8%	65	32.5	51.2%
2	86	17-17:59	41	20.5	47.7%	45	22.5	52.3%
2	78	18-18:59	37	18.5	47.4%	41	20.5	52.6%
24	1197	Total	531	22.1	44.4%	666	27.8	55.6%

## Appendix B: Hourly Activity Data

Appendix B: Hourly Activity Data														
Weekday														
Hours	Total Count	Time	Walking Count	Ave/ Hr	% Within Hour	Running Count	Ave/ Hr	% Within Hour	Cycling Count	Ave/ Hr	% Within Hour	Inline Skating Count	Ave/ Hr	% Within Hour
3	36	7-7:59	20	6.7	55.6%	3	1.0	8.3%	13	4.3	36.1%	-	-	-
3	84	8-8:59	41	13.7	48.8%	34	11.3	40.5%	9	3.0	10.7%	-	-	-
3	63	9-9:59	45	15.0	71.4%	10	3.3	15.9%	8	2.7	12.7%	-	-	-
3	70	10-10:59	47	15.7	67.1%	2	0.7	2.9%	19	6.3	27.1%	-	-	-
3	70	11-11:59	46	15.3	65.7%	7	2.3	10.0%	16	5.3	22.9%	-	-	-
3	63	12-12:59	38	12.7	60.3%	10	3.3	15.9%	14	4.7	22.2%	-	-	-
3	69	13-13:59	36	12.0	52.2%	5	1.7	7.2%	28	9.3	40.6%	-	-	-
3	99	14-14:59	51	17.0	51.5%	10	3.3	10.1%	38	12.7	38.4%	-	-	-
3	123	15-15:59	62	20.7	50.4%	13	4.3	10.6%	48	16.0	39.0%	-	-	-
3	166	16-16:59	72	24.0	43.4%	15	5.0	9.0%	78	26.0	47.0%	-	-	-
3	169	17-17:59	91	30.3	53.8%	16	5.3	9.5%	61	20.3	36.1%	-	-	-
3	183	18-18:59	94	31.3	51.4%	12	4.0	6.6%	71	23.7	38.8%	-	-	-
36	1195	Total	643	17.9	53.8%	137	3.8	11.5%	403	11.2	33.7%	-	-	-

Appendix B: Hourly Activity Data														
Weekend														
Hours	Total Count	Time	Walking Count	Ave/ Hr	% Within Hour	Running Count	Ave/ Hr	% Within Hour	Cycling Count	Ave/ Hr	% Within Hour	Inline Skating Count	Ave/ Hr	% Within Hour
2	8	7-7:59	6	3.0	75.0%	2	1.0	25.0%	-	-	-	-	-	-
2	51	8-8:59	22	11.0	43.1%	24	12.0	47.1%	5	2.5	9.8%	-	-	-
2	92	9-9:59	40	20.0	43.5%	39	19.5	42.4%	13	6.5	14.1%	-	-	-
2	96	10-10:59	50	25.0	52.1%	22	11.0	22.9%	24	12.0	25.0%	-	-	-
2	103	11-11:59	62	31.0	60.2%	16	8.0	15.5%	25	12.5	24.3%	-	-	-
2	163	12-12:59	78	39.0	47.9%	19	9.5	11.7%	60	30.0	36.8%	-	-	-
2	95	13-13:59	43	21.5	45.3%	4	2.0	4.2%	48	24.0	50.5%	-	-	-
2	138	14-14:59	55	27.5	39.9%	8	4.0	5.8%	66	33.0	47.8%	2	1.0	1.4%
2	160	15-15:59	79	39.5	49.4%	5	2.5	3.1%	76	38.0	47.5%	-	-	-
2	127	16-16:59	74	37.0	58.3%	10	5.0	7.9%	41	20.5	32.3%	2	1.0	1.6%
2	86	17-17:59	53	26.5	61.6%	9	4.5	10.5%	24	12.0	27.9%	-	-	-
2	78	18-18:59	47	23.5	60.3%	3	1.5	3.8%	28	14.0	35.9%	-	-	-
24	1197	Total	609	25.4	50.9%	161	6.7	13.5%	410	17.1	34.3%	4	0.2	0.3%

## Appendix C: Activity and Direction

Weekday

Appendix C: Activity and Direction					
Weekday 7:00-9:59					
	Total Count Within Time Period	North		South	
		Count	% Within Time Period	Count	% Within Time Period
Walking	106	50	27.3%	56	30.6%
Running	30	20	10.9%	10	5.5%
Cycling	47	22	12.0%	25	13.7%
Inline	-	-	-	-	-
<b>Total</b>	<b>183</b>	<b>92</b>	<b>50.3%</b>	<b>91</b>	<b>49.7%</b>

Appendix C: Activity and Direction					
Weekday 10:00-12:59					
	Total Count Within Time Period	North		South	
		Count	% Within Time Period	Count	% Within Time Period
Walking	131	68	33.5%	63	31.0%
Running	49	19	9.4%	30	14.8%
Cycling	19	11	5.4%	8	3.9%
Inline	-	-	-	-	-
<b>Total</b>	<b>203</b>	<b>99</b>	<b>48.8%</b>	<b>104</b>	<b>51.2%</b>

Appendix C: Activity and Direction					
Weekday 13:00-15:59					
	Total Count Within Time Period	North		South	
		Count	% Within Time Period	Count	% Within Time Period
Walking	149	65	22.3%	84	28.9%
Running	114	44	15.1%	70	24.1%
Cycling	28	19	6.5%	9	3.1%
Inline	-	-	-	-	-
<b>Total</b>	<b>291</b>	<b>128</b>	<b>44.0%</b>	<b>163</b>	<b>56.0%</b>

<b>Appendix C: Activity and Direction</b>					
Weekday 16:00-18:59					
	Total Count Within Time Period	North		South	
		Count	% Within Time Period	Count	% Within Time Period
Walking	257	130	25.1%	127	24.5%
Running	210	82	15.8%	128	24.7%
Cycling	43	24	4.6%	19	3.7%
Inline	-	-	-	-	-
<i>Total</i>	518	239	46.1%	279	53.9%

Weekend

Appendix C: Activity and Direction					
Weekend 7:00-9:59					
	Total Count Within Time Period	North		South	
		Count	% Within Time Period	Count	% Within Time Period
Walking	68	35	23.2%	33	21.9%
Running	18	4	2.6%	14	9.3%
Cycling	65	35	23.2%	30	19.9%
Inline	-	-	-	-	-
<b>Total</b>	<b>151</b>	<b>74</b>	<b>49.0%</b>	<b>77</b>	<b>51.0%</b>

Appendix C: Activity and Direction					
Weekend 10:00-12:59					
	Total Count Within Time Period	North		South	
		Count	% Within Time Period	Count	% Within Time Period
Walking	190	80	22.1%	110	30.4%
Running	109	36	9.9%	73	20.2%
Cycling	57	31	8.6%	26	7.2%
Inline	-	-	-	-	-
<b>Total</b>	<b>362</b>	<b>151</b>	<b>41.7%</b>	<b>211</b>	<b>58.3%</b>

Appendix C: Activity and Direction					
Weekend 13:00-15:59					
	Total Count Within Time Period	North		South	
		Count	% Within Time Period	Count	% Within Time Period
Walking	177	88	22.4%	89	22.6%
Running	190	66	16.8%	124	31.6%
Cycling	17	8	2.0%	9	2.3%
Inline	2	2	0.5%	-	-
<b>Total</b>	<b>393</b>	<b>166</b>	<b>42.2%</b>	<b>227</b>	<b>57.8%</b>

<b>Appendix C: Activity and Direction</b>					
Weekend 16:00-18:59					
	Total Count Within Time Period	North		South	
		Count	% Within Time Period	Count	% Within Time Period
Walking	174	89	30.6%	85	29.2%
Running	93	38	13.1%	55	18.9%
Cycling	22	12	4.1%	10	3.4%
Inline	2	1	0.3%	1	0.3%
<i>Total</i>	291	140	48.1%	151	51.9%

## Appendix D: Hourly Use Data by Activity and Gender

Appendix D: Hourly Use Data by Activity and Gender																
Weekday																
Hours	Total Count	Time	Gender	Walking Count	Ave/ Hr	% Within Hour	Running Count	Ave/ Hr	% Within Hour	Cycling Count	Ave/ Hr	% Within Hour	Inline Skating Count	Ave/ Hr	% Within Hour	
3	36	7-7:59	Male	4	1.3	11.1%	1	0.3	2.8%	11	3.7	30.6%	-	-	-	
3	84	8-8:59	Male	19	6.3	22.6%	17	5.7	20.2%	7	2.3	8.3%	-	-	-	
3	63	9-9:59	Male	15	5.0	23.8%	2	0.7	3.2%	4	1.3	6.3%	-	-	-	
3	70	10-10:59	Male	19	6.3	27.1%	1	0.3	1.4%	14	4.7	20.0%	-	-	-	
3	70	11-11:59	Male	12	4.0	17.1%	6	2.0	8.6%	9	3.0	12.9%	-	-	-	
3	63	12-12:59	Male	12	4.0	19.0%	4	1.3	6.3%	11	3.7	17.5%	-	-	-	
3	69	13-13:59	Male	8	2.7	11.6%	2	0.7	2.9%	19	6.3	27.5%	-	-	-	
3	99	14-14:59	Male	20	6.7	20.2%	2	0.7	2.0%	29	9.7	29.3%	-	-	-	
3	123	15-15:59	Male	20	6.7	16.3%	5	1.7	4.1%	40	13.3	32.5%	-	-	-	
3	166	16-16:59	Male	32	10.7	19.3%	7	2.3	4.2%	59	19.7	35.5%	-	-	-	
3	169	17-17:59	Male	34	11.3	20.1%	6	2.0	3.6%	50	16.7	29.6%	-	-	-	
3	183	18-18:59	Male	39	13.0	21.3%	6	2.0	3.3%	60	20.0	32.8%	-	-	-	
36	1195	Total	Male	234	6.5	19.6%	59	1.6	4.9%	313	8.7	26.2%	-	-	-	

Appendix D: Hourly Use Data by Activity and Gender															
Weekday															
Hours	Total Count	Time	Gender	Walking Count	Ave/ Hr	% Within Hour	Running Count	Ave/ Hr	% Within Hour	Cycling Count	Ave/ Hr	% Within Hour	Inline Skating Count	Ave/ Hr	% Within Hour
3	36	7-7:59	Female	16	5.3	44.4%	2	0.7	5.6%	2	0.7	5.6%	-	-	-
3	84	8-8:59	Female	22	7.3	26.2%	17	5.7	20.2%	2	0.7	2.4%	-	-	-
3	63	9-9:59	Female	29	9.7	46.0%	8	2.7	12.7%	4	1.3	6.3%	-	-	-
3	70	10-10:59	Female	28	9.3	40.0%	1	0.3	1.4%	5	1.7	7.1%	-	-	-
3	70	11-11:59	Female	34	11.3	48.6%	1	0.3	1.4%	7	2.3	10.0%	-	-	-
3	63	12-12:59	Female	26	8.7	41.3%	6	2.0	9.5%	3	1.0	4.8%	-	-	-
3	69	13-13:59	Female	28	9.3	40.6%	3	1.0	4.3%	9	3.0	13.0%	-	-	-
3	99	14-14:59	Female	31	10.3	31.3%	8	2.7	8.1%	9	3.0	9.1%	-	-	-
3	123	15-15:59	Female	42	14.0	34.1%	8	2.7	6.5%	8	2.7	6.5%	-	-	-
3	166	16-16:59	Female	39	13.0	23.5%	8	2.7	4.8%	19	6.3	11.4%	-	-	-
3	169	17-17:59	Female	57	19.0	33.7%	10	3.3	5.9%	11	3.7	6.5%	-	-	-
3	183	18-18:59	Female	55	18.3	30.1%	6	2.0	3.3%	11	3.7	6.0%	-	-	-
36	1195	Total	Female	407	11.3	34.1%	78	2.2	6.5%	90	2.5	7.5%	-	-	-

**Appendix D: Hourly Use Data by Activity and Gender**

Weekend															
Hours	Total Count	Time	Gender	Walking Count	Ave/ Hr	% Within Hour	Running Count	Ave/ Hr	% Within Hour	Cycling Count	Ave/ Hr	% Within Hour	Inline Skating Count	Ave/ Hr	% Within Hour
2	8	7-7:59	Male	2	1.0	25.0%	1	0.5	12.5%	-	-	-	-	-	-
2	51	8-8:59	Male	8	4.0	15.7%	15	7.5	29.4%	3	1.5	5.9%	-	-	-
2	92	9-9:59	Male	22	11.0	23.9%	23	11.5	25.0%	10	5.0	10.9%	-	-	-
2	96	10-10:59	Male	22	11.0	22.9%	8	4.0	8.3%	18	9.0	18.8%	-	-	-
2	103	11-11:59	Male	28	14.0	27.2%	7	3.5	6.8%	16	8.0	15.5%	-	-	-
2	163	12-12:59	Male	31	15.5	19.0%	13	6.5	8.0%	44	22.0	27.0%	-	-	-
2	95	13-13:59	Male	15	7.5	15.8%	2	1.0	2.1%	28	14.0	29.5%	-	-	-
2	138	14-14:59	Male	21	10.5	15.2%	2	1.0	1.4%	41	20.5	29.7%	1	0.5	0.7%
2	160	15-15:59	Male	27	13.5	16.9%	1	0.5	0.6%	46	23.0	28.8%	-	-	-
2	127	16-16:59	Male	34	17.0	26.8%	5	2.5	3.9%	28	14.0	22.0%	2	1.0	1.6%
2	86	17-17:59	Male	24	12.0	27.9%	5	2.5	5.8%	17	8.5	19.8%	-	-	-
2	78	18-18:59	Male	23	11.5	29.5%	2	1.0	2.6%	20	10.0	25.6%	-	-	-
24	1197	Total	Male	257	10.7	21.5%	84	3.5	7.0%	271	11.3	22.6%	3	0.1	0.3%

Appendix D: Hourly Use Data by Activity and Gender															
Weekend															
Hours	Total Count	Time	Gender	Walking Count	Ave/ Hr	% Within Hour	Running Count	Ave/ Hr	% Within Hour	Cycling Count	Ave/ Hr	% Within Hour	Inline Skating Count	Ave/ Hr	% Within Hour
2	8	7-7:59	Female	4	2.0	50.0%	1	0.5	12.5%	-	-	-	-	-	-
2	51	8-8:59	Female	14	7.0	27.5%	9	4.5	17.6%	2	1.0	3.9%	-	-	-
2	92	9-9:59	Female	18	9.0	19.6%	16	8.0	17.4%	3	1.5	3.3%	-	-	-
2	96	10-10:59	Female	28	14.0	29.2%	14	7.0	14.6%	6	3.0	6.3%	-	-	-
2	103	11-11:59	Female	34	17.0	33.0%	9	4.5	8.7%	9	4.5	8.7%	-	-	-
2	163	12-12:59	Female	47	23.5	28.8%	6	3.0	3.7%	16	8.0	9.8%	-	-	-
2	95	13-13:59	Female	28	14.0	29.5%	2	1.0	2.1%	20	10.0	21.1%	-	-	-
2	138	14-14:59	Female	34	17.0	24.6%	6	3.0	4.3%	25	12.5	18.1%	1	0.5	0.7%
2	160	15-15:59	Female	52	26.0	32.5%	4	2.0	2.5%	30	15.0	18.8%	-	-	-
2	127	16-16:59	Female	40	20.0	31.5%	5	2.5	3.9%	13	6.5	10.2%	-	-	-
2	86	17-17:59	Female	29	14.5	33.7%	4	2.0	4.7%	7	3.5	8.1%	-	-	-
2	78	18-18:59	Female	24	12.0	30.8%	1	0.5	1.3%	8	4.0	10.3%	-	-	-
24	1197	Total	Female	352	14.7	29.4%	77	3.2	6.4%	139	5.8	11.6%	1	0.04	0.1%

## Appendix E: Hourly Use Data by Activity and Age

Appendix E: Hourly Use Data by Activity and Age															
Weekday															
Hours	Total Count	Time	Age	Walking Count	Ave/ Hr	% Within Hour	Running Count	Ave/ Hr	% Within Hour	Cycling Count	Ave/ Hr	% Within Hour	Inline Skating Count	Ave/ Hr	% Within Hour
3	36	7-7:59	Child/Youth	-	-	-	-	-	-	1	0.3	2.8%	-	-	-
3	84	8-8:59	Child/Youth	2	0.7	2.4%	28	9.3	33.3%	1	0.3	1.2%	-	-	-
3	63	9-9:59	Child/Youth	1	0.3	1.6%	1	0.3	1.6%	-	-	-	-	-	-
3	70	10-10:59	Child/Youth	3	1.0	4.3%	-	-	-	1	0.3	1.4%	-	-	-
3	70	11-11:59	Child/Youth	1	0.3	1.4%	-	-	-	-	-	-	-	-	-
3	63	12-12:59	Child/Youth	9	3.0	14.3%	1	0.3	1.6%	-	-	-	-	-	-
3	69	13-13:59	Child/Youth	1	0.3	1.4%	-	-	-	4	1.3	5.8%	-	-	-
3	99	14-14:59	Child/Youth	4	1.3	4.0%	-	-	-	3	1.0	3.0%	-	-	-
3	123	15-15:59	Child/Youth	3	1.0	2.4%	2	0.7	1.6%	14	4.7	11.4%	-	-	-
3	166	16-16:59	Child/Youth	7	2.3	4.2%	-	-	-	22	7.3	13.3%	-	-	-
3	169	17-17:59	Child/Youth	8	2.7	4.7%	1	0.3	0.6%	16	5.3	9.5%	-	-	-
3	183	18-18:59	Child/Youth	12	4.0	6.6%	1	0.3	0.5%	17	5.7	9.3%	-	-	-
36	1195	Total	Child/Youth	51	1.4	4.3%	34	0.9	2.8%	79	2.2	6.6%	-	-	-

**Appendix E: Hourly Use Data by Activity and Age**

Weekday															
Hours	Total Count	Time	Gender	Walking Count	Ave/ Hr	% Within Hour	Running Count	Ave/ Hr	% Within Hour	Cycling Count	Ave/ Hr	% Within Hour	Inline Skating Count	Ave/ Hr	% Within Hour
3	36	7-7:59	Adult/Senior	20	6.7	55.6%	3	1.0	8.3%	12	4.0	33.3%	-	-	-
3	84	8-8:59	Adult/Senior	39	13.0	46.4%	6	2.0	7.1%	8	2.7	9.5%	-	-	-
3	63	9-9:59	Adult/Senior	44	14.7	69.8%	9	3.0	14.3%	8	2.7	12.7%	-	-	-
3	70	10-10:59	Adult/Senior	44	14.7	62.9%	2	0.7	2.9%	18	6.0	25.7%	-	-	-
3	70	11-11:59	Adult/Senior	45	15.0	64.3%	7	2.3	10.0%	16	5.3	22.9%	-	-	-
3	63	12-12:59	Adult/Senior	29	9.7	46.0%	9	3.0	14.3%	14	4.7	22.2%	-	-	-
3	69	13-13:59	Adult/Senior	35	11.7	50.7%	5	1.7	7.2%	24	8.0	34.8%	-	-	-
3	99	14-14:59	Adult/Senior	47	15.7	47.5%	10	3.3	10.1%	35	11.7	35.4%	-	-	-
3	123	15-15:59	Adult/Senior	59	19.7	48.0%	11	3.7	8.9%	34	11.3	27.6%	-	-	-
3	166	16-16:59	Adult/Senior	65	21.7	39.2%	15	5.0	9.0%	56	18.7	33.7%	-	-	-
3	169	17-17:59	Adult/Senior	83	27.7	49.1%	15	5.0	8.9%	45	15.0	26.6%	-	-	-
3	183	18-18:59	Adult/Senior	82	27.3	44.8%	11	3.7	6.0%	54	18.0	29.5%	-	-	-
36	1195	Total	Adult/Senior	592	16.4	49.5%	103	2.9	8.6%	324	9.0	27.1%	-	-	-

**Appendix E: Hourly Use Data by Activity and Age**

Weekend															
Hours	Total Count	Time	Age	Walking Count	Ave/ Hr	% Within Hour	Running Count	Ave/ Hr	% Within Day	Cycling Count	Ave/ Hr	% Within Hour	Inline Skating Count	Ave/ Hr	% Within Hour
2	8	7-7:59	Child/Youth	-	-	-	-	-	-	-	-	-	-	-	-
2	51	8-8:59	Child/Youth	-	-	-	1	0.5	2.0%	-	-	-	-	-	-
2	92	9-9:59	Child/Youth	1	0.5	1.1%	-	-	-	1	0.5	1.1%	-	-	-
2	96	10-10:59	Child/Youth	1	0.5	1.0%	1	0.5	1.0%	1	0.5	1.0%	-	-	-
2	103	11-11:59	Child/Youth	4	2.0	3.9%	-	-	-	1	0.5	1.0%	-	-	-
2	163	12-12:59	Child/Youth	8	4.0	4.9%	-	-	-	8	4.0	4.9%	-	-	-
2	95	13-13:59	Child/Youth	10	5.0	10.5%	-	-	-	5	2.5	5.3%	-	-	-
2	138	14-14:59	Child/Youth	7	3.5	5.1%	1	0.5	0.7%	10	5.0	7.2%	-	-	-
2	160	15-15:59	Child/Youth	9	4.5	5.6%	-	-	-	11	5.5	6.9%	-	-	-
2	127	16-16:59	Child/Youth	4	2.0	3.1%	-	-	-	4	2.0	3.1%	2	1.0	1.6%
2	86	17-17:59	Child/Youth	5	2.5	5.8%	-	-	-	6	3.0	7.0%	-	-	-
2	78	18-18:59	Child/Youth	10	5.0	12.8%	-	-	-	9	4.5	11.5%	-	-	-
24	1197	Total	Child/Youth	59	2.5	4.9%	3	0.1	0.3%	56	2.3	4.7%	2	0.1	0.2%

**Appendix E: Hourly Use Data by Activity and Age**

Weekend															
Hours	Total Count	Time	Gender	Walking Count	Ave/ Hr	% Within Hour	Running Count	Ave/ Hr	% Within Hour	Cycling Count	Ave/ Hr	% Within Hour	Inline Skating Count	Ave/ Hr	% Within Hour
2	8	7-7:59	Adult/Senior	6	3.0	75.0%	2	1.0	25.0%	-	-	-	-	-	-
2	51	8-8:59	Adult/Senior	22	11.0	43.1%	23	11.5	45.1%	5	2.5	9.8%	-	-	-
2	92	9-9:59	Adult/Senior	39	19.5	42.4%	39	19.5	42.4%	12	6.0	13.0%	-	-	-
2	96	10-10:59	Adult/Senior	49	24.5	51.0%	21	10.5	21.9%	23	11.5	24.0%	-	-	-
2	103	11-11:59	Adult/Senior	58	29.0	56.3%	16	8.0	15.5%	24	12.0	23.3%	-	-	-
2	163	12-12:59	Adult/Senior	70	35.0	42.9%	19	9.5	11.7%	52	26.0	31.9%	-	-	-
2	95	13-13:59	Adult/Senior	33	16.5	34.7%	4	2.0	4.2%	43	21.5	45.3%	-	-	-
2	138	14-14:59	Adult/Senior	48	24.0	34.8%	7	3.5	5.1%	56	28.0	40.6%	2	1.0	1.4%
2	160	15-15:59	Adult/Senior	70	35.0	43.8%	5	2.5	3.1%	65	32.5	40.6%	-	-	-
2	127	16-16:59	Adult/Senior	70	35.0	55.1%	10	5.0	7.9%	37	18.5	29.1%	-	-	-
2	86	17-17:59	Adult/Senior	48	24.0	55.8%	9	4.5	10.5%	18	9.0	20.9%	-	-	-
2	78	18-18:59	Adult/Senior	37	18.5	47.4%	3	1.5	3.8%	19	9.5	24.4%	-	-	-
24	1197	Total	Adult/Senior	550	22.9	45.9%	158	6.6	13.2%	354	14.8	29.6%	2	0.1	0.2%