



THE CITY OF  
**CALGARY**

# Parks 2014 Pathway Research Observation Site Report Site #4 Mt Alberta View, SE

Prepared by:



**NRG Research Group**

Tim Chan and Lesley Duncan

Telephone: 604-676-5652 (TC)

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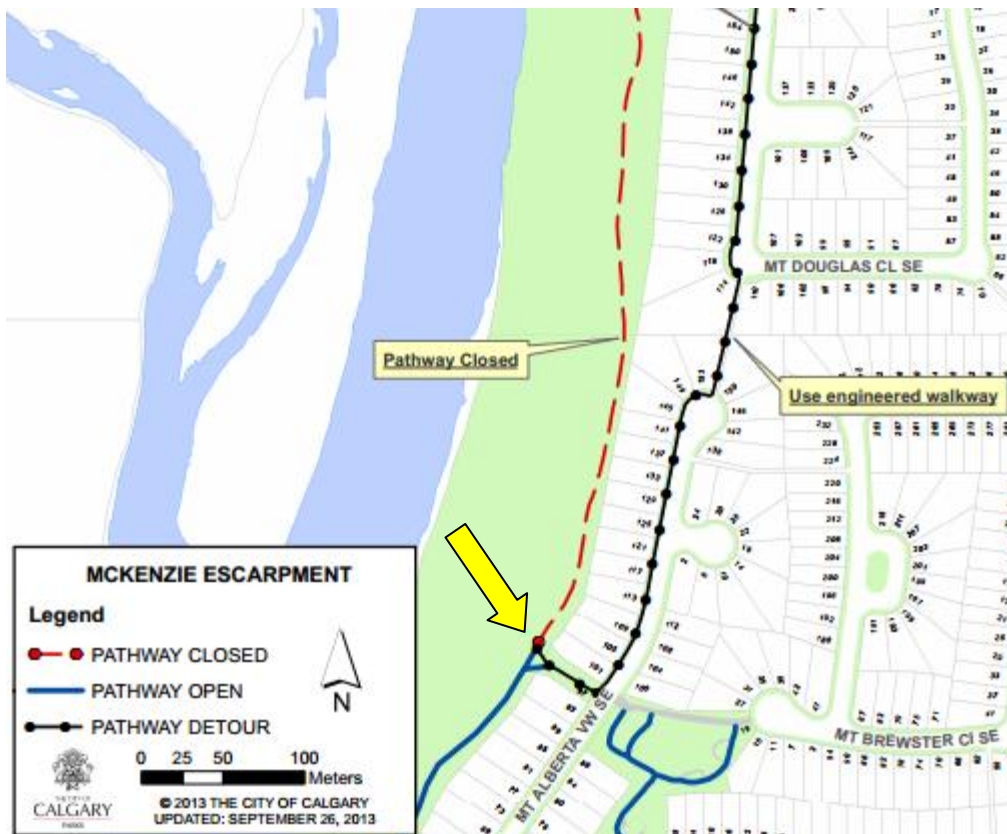
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## Location and Site Description

This site is located on the McKenzie Escarpment, in the right of way at 94 Mt Alberta View, SE. Observers were stationed where the regional trail intersects with the access pathway. The site is at the south end of the McKenzie Escarpment closure, which runs from the Mt Alberta View pathway entrance north to the Mt Douglas Circle pathway entrance.



## **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 2,770 pathway users were observed at this site which represents an average of 46.2 users per hour.
- The main activities at this site are walking (1,550, 56.0%), followed by cycling (902, 32.6%) and running (282, 10.2%).
- There were more men than women using the pathways at this site (1,415 men, 51.1% of total vs. 1,354 women, 48.9% of total).
- The majority of pathway users were adults (2,248, 81.2%), followed by seniors (225, 8.1%), youth (150, 5.4%) and children (147, 5.3%).
- Of the pathway users at this site, 539 (19.5%) were with their dog(s).

## Trip Counts

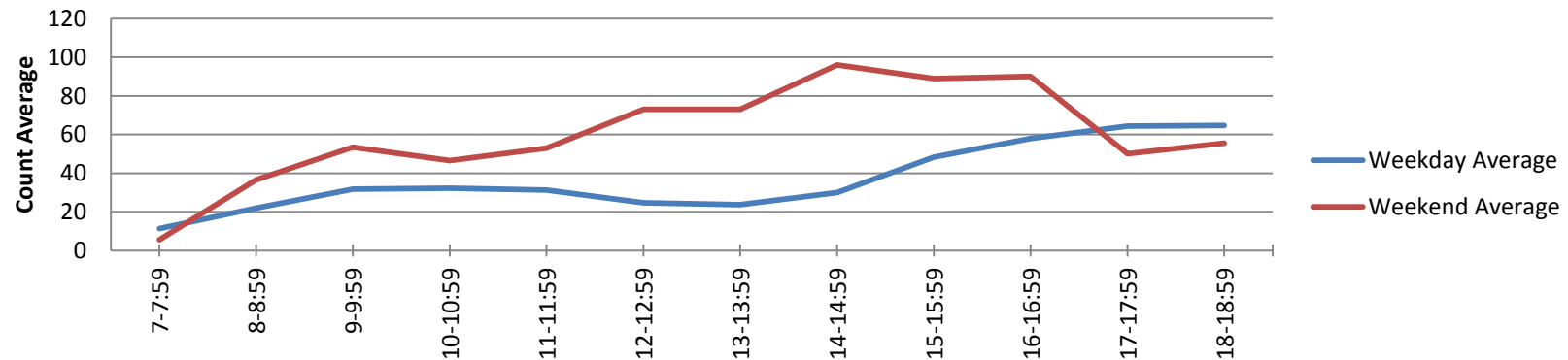
Use Summary					
	Count	Days	Hours	Ave/Day	Ave/Hr
<i>Total Use</i>	2770	5	60	554	46.2
Weekday	1327	3	36	442.3	36.9
Weekend	1443	2	24	721.5	60.1

## 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	34	11.3	2.6%	11	5.5	0.8%
8-8:59	66	22.0	5.0%	73	36.5	5.1%
9-9:59	95	31.7	7.2%	107	53.5	7.4%
10-10:59	97	32.3	7.3%	93	46.5	6.4%
11-11:59	94	31.3	7.1%	106	53	7.3%
12-12:59	74	24.7	5.6%	146	73	10.1%
13-13:59	71	23.7	5.4%	146	73	10.1%
14-14:59	90	30.0	6.8%	192	96	13.3%
15-15:59	145	48.3	10.9%	178	89	12.3%
16-16:59	174	58.0	13.1%	180	90	12.5%
17-17:59	193	64.3	14.5%	100	50	6.9%
18-18:59	194	64.7	14.6%	111	55.5	7.7%
Total	1327	442.3	100.0%	1443	721.5	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 south Bow River pathway and the access pathway to the trail. The observer was responsible for recording users heading in both directions of travel. To the north is Mt Douglas Circle, to the south is the bridge between Fish Creek Park and the Escarpment.

Direction								
	Weekday			Weekend			Total	
	3-Day Count	Weekday Average	% Within Day	2-Day Count	Weekend Average	% Within Day	Count	% Within Total
<i>North</i>	658	219.3	49.6%	699	349.5	48.4%	1357	49%
<i>South</i>	669	223.0	50.4%	744	372	51.6%	1413	51%
<i>Total</i>	1327	442.3	100.0%	1443	721.5	100.0%	2770	100%

For more detailed hourly directional data, see Appendix A.

## Activity

The main activities at this site are walking (1,550, 56.0%), followed by cycling (902, 32.6%) and running (282, 10.2%). Of the pathway users at this site, 539 (19.5%) were with their dog(s).

Activity	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>799</b>	<b>266.3</b>	<b>60.2%</b>	<b>751</b>	<b>375.5</b>	<b>52.0%</b>	<b>1550</b>	<b>56.0%</b>
Walking Only	472	157.3	59.1%	533	266.5	71.0%	1005	64.8%
Walking with Dog	287	95.7	35.9%	198	99	26.4%	485	31.3%
Walking with Stroller	43	14.3	5.4%	21	10.5	2.8%	64	4.1%
Walking - Physically Challenged	2	0.7	0.3%	6	3	0.8%	8	0.5%
<b>Total Running</b>	<b>121</b>	<b>40.3</b>	<b>9.1%</b>	<b>161</b>	<b>80.5</b>	<b>11.2%</b>	<b>282</b>	<b>10.2%</b>
Running Only	91	30.3	75.2%	141	70.5	87.6%	232	82.3%
Running with Dog	25	8.3	20.7%	20	10	12.4%	45	16.0%
Running with Stroller	5	1.7	4.1%	0	0	0.0%	5	1.8%
<b>Total Cycling</b>	<b>389</b>	<b>129.7</b>	<b>29.3%</b>	<b>513</b>	<b>256.5</b>	<b>35.6%</b>	<b>902</b>	<b>32.6%</b>
Cycling Only	387	129.0	99.5%	507	253.5	98.8%	894	99.1%
Cycling with Dog	2	0.7	0.5%	6	3	1.2%	8	0.9%
Cycling with Trailer	3	1.0	0.8%	8	4	1.6%	11	1.2%
<b>Total Inline Skating</b>	<b>2</b>	<b>0.7</b>	<b>0.2%</b>	<b>7</b>	<b>3.5</b>	<b>0.5%</b>	<b>9</b>	<b>0.3%</b>
Skating Only	2	0.7	100.0%	6	3	85.7%	8	88.9%
Skating with Dog	0	0.0	0.0%	1	0.5	14.3%	1	11.1%
Skating with Stroller	0	0.0	0.0%	0	0	0.0%	0	0.0%
<b>Wheelchair</b>	<b>0</b>	<b>0.0</b>	<b>0.0%</b>	<b>0</b>	<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>0%</b>
<b>Skateboard</b>	<b>15</b>	<b>5.0</b>	<b>1.1%</b>	<b>6</b>	<b>3</b>	<b>0.4%</b>	<b>21</b>	<b>0.8%</b>
<b>Scooter</b>	<b>0</b>	<b>0.0</b>	<b>0.0%</b>	<b>5</b>	<b>2.5</b>	<b>0.3%</b>	<b>5</b>	<b>0.2%</b>
<b>Other</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>Total</b>	<b>1327</b>	<b>442.3</b>	<b>100.0%</b>	<b>1443</b>	<b>721.5</b>	<b>100.0%</b>	<b>2770</b>	<b>100.0%</b>

On weekdays, user observations increased significantly after 15:00, with the busiest hour being between 18:00-18:59 with 194 observed users. Users who were walking made up the majority of all observations (60.2%), peaking between 17:00-17:59 with 118 observations, or 61.1% of all observations that hour. Cyclists made up one third (29.3%) of all observed activities, peaking between 16:00-16:59 with 62 observations.

The busiest hour on the weekend was between 14:00-14:59 with 192 observations, and cycling also peaked during this hour with 107 observations (55.7%). Running was more frequent in the morning than afternoon, peaking between 9:00-9:59 with 41 observations. Overall, walking made up the majority of observations (52.0%) over the weekend.

Roughly one third of all users obeyed the closure (37%) and used the detour route (35.5%). Those walking were the most likely to obey the closure and detour route (47.1% and 45.2%, respectively), while roughly one quarter of those running and cycling obeyed the closure and detour. Overall, females were more likely to obey the path closure than males. Close to one third of males aged 15 and up obeyed the closure, in comparison to roughly four-in-ten women between the ages of 15 and 64, and 50.5% of female seniors. Similarly, females were more likely than males to use the detour route, with 60.3% of girls 14 and under, and 49.5% of women aged 65 and over using it, in comparison to 38.5% of boys and 28.8% of male seniors.

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

### *Closures and Detours by Activity*

Closures and Detours - Total		
	Count	% Within Activity
<b>Total Walking</b>	<b>1550</b>	
Obeyed Closure	730	47.1%
Disobeyed Closure	820	52.9%
Used Detour	701	45.2%
Did Not Use Detour	849	54.8%
<b>Total Running</b>	<b>282</b>	
Obeyed Closure	69	24.5%
Disobeyed Closure	213	75.5%
Used Detour	62	22.0%
Did Not Use Detour	220	78.0%
<b>Total Cycling</b>	<b>902</b>	
Obeyed Closure	210	23.3%
Disobeyed Closure	692	76.7%
Used Detour	206	22.8%
Did Not Use Detour	696	77.2%
<b>Total Inline Skating</b>	<b>9</b>	
Obeyed Closure	4	44.4%
Disobeyed Closure	5	55.6%
Used Detour	4	44.4%
Did Not Use Detour	5	55.6%
<b>Other</b>	<b>27</b>	
Obeyed Closure	11	40.7%
Disobeyed Closure	16	59.3%
Used Detour	11	40.7%
Did Not Use Detour	16	59.3%
<b>Total</b>	<b>2770</b>	
Obeyed Closure	1024	37.0%
Disobeyed Closure	1746	63.0%
Used Detour	984	35.5%
Did Not Use Detour	1786	64.5%

### ***Closures and Detours by Direction***

<b>Closures and Detours - Total</b>				
	North		South	
	Count	%	Count	%
Obedied Closure	542	39.9%	482	34.1%
Disobeyed Closure	815	60.1%	931	65.9%
Used Detour	522	38.5%	462	32.7%
Did Not Use Detour	835	61.5%	951	67.3%
<b>Total</b>	1357	100.0%	1413	100.0%

**Obeyed Closures – Total**

Obeyed Closure		
	# of Users Observed	% of Users Observed
Yes	1024	37.0%
No	1746	63.0%
<i>Total</i>	2770	100.0%

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

Obeyed Closure								
	Male							
	Child		Youth		Adult		Senior	
	Count	%	Count	%	Count	%	Count	%
Yes	30	38.5%	24	33.3%	375	33.1%	39	29.5%
No	48	61.5%	48	66.7%	758	66.9%	93	70.5%
<i>Total</i>	78	100.0%	72	100.0%	1133	100.0%	132	100.0%

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

Obeyed Closure								
	Female							
	Child		Youth		Adult		Senior	
	Count	%	Count	%	Count	%	Count	%
Yes	44	64.7%	34	43.6%	430	38.6%	47	50.5%
No	24	35.3%	44	56.4%	685	61.4%	46	49.5%
<i>Total</i>	68	100.0%	78	100.0%	1115	100.0%	93	100.0%

**Used Detour - Total**

Used Detour		
	# of Users Observed	% of Users Observed
Yes	984	35.5%
No	1786	64.5%
<b>Total</b>	<b>2770</b>	<b>100.0%</b>

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

Used Detour								
	Male							
	Child		Youth		Adult		Senior	
	Count	%	Count	%	Count	%	Count	%
Yes	30	38.5%	24	33.3%	358	31.6%	38	28.8%
No	48	61.5%	48	66.7%	775	68.4%	94	71.2%
<b>Total</b>	<b>78</b>	<b>100.0%</b>	<b>72</b>	<b>100.0%</b>	<b>1133</b>	<b>100.0%</b>	<b>132</b>	<b>100.0%</b>

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

Used Detour								
	Female							
	Child		Youth		Adult		Senior	
	Count	%	Count	%	Count	%	Count	%
Yes	41	60.3%	34	43.6%	412	37.0%	46	49.5%
No	27	39.7%	44	56.4%	703	63.0%	47	50.5%
<b>Total</b>	<b>68</b>	<b>100.0%</b>	<b>78</b>	<b>100.0%</b>	<b>1115</b>	<b>100.0%</b>	<b>93</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)	78	2.8%	68	2.5%	1	0.0%	147	5.3%
Youth (15-19)	72	2.6%	78	2.8%	0	0.0%	150	5.4%
Adult (20-64)	1133	40.9%	1115	40.3%	0	0.0%	2248	81.2%
Senior (65 and over)	132	4.8%	93	3.4%	0	0.0%	225	8.1%
<i>Total</i>	1415	51.1%	1354	48.9%	1	0.0%	2770	100.0%

### 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	650	216.7	49.0%	765	382.5	53.0%	1415	51.1%
Female	677	225.7	51.0%	677	338.5	46.9%	1354	48.9%
Unknown	0	0.0	0.0%	1	0.5	0.1%	1	0.0%
<i>Total</i>	1327	442.3	100.0%	1443	721.5	100.0%	2770	100.0%

### 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)	79	26.3	6.0%	68	34	4.7%	147	5.3%
Youth (15-19)	73	24.3	5.5%	77	38.5	5.3%	150	5.4%
Adult (20-64)	1057	352.3	79.7%	1191	595.5	82.5%	2248	81.2%
Senior (65 and over)	118	39.3	8.9%	107	53.5	7.4%	225	8.1%
<i>Total</i>	1327	442.3	100.0%	1443	721.5	100.0%	2770	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	47	1.3	287	8.0	445	12.4
Running	39	1.1	22	0.6	242	6.7	86	2.4
Cycling	1	0.0	6	0.2	45	1.3	69	1.9
Inline Skating	2	0.1	0	0.0	0	0.0	0	0.0
<i>Total</i>	75	2.1	77	2.1	575	16.0	600	16.7

**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	24	1.0	40	1.7	313	13.0	373	15.5
Running	44	1.8	25	1.0	284	11.8	160	6.7
Cycling	1	0.0	3	0.1	85	3.5	72	3.0
Inline Skating	3	0.1	0	0.0	3	0.1	1	0.0
<i>Total</i>	75	3.1	69	2.9	690	28.8	608	25.3

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	684	73.5%
Not Wearing Helmet	247	26.5%
<i>Total</i>	931	100.0%

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

Helmet Use by Gender and Age										
	Male									
	Child		Youth		Adult		Senior		Unknown	
	Count	%	Count	%	Count	%	Count	%	Count	%
Wearing Helmet	41	78.8%	33	63.5%	330	68.0%	41	89.1%	41	78.8%
Not Wearing Helmet	11	21.2%	19	36.5%	155	32.0%	5	10.9%	11	21.2%
<i>Total</i>	52	100.0%	52	100.0%	485	100.0%	46	100.0%	52	100.0%

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

Helmet Use by Gender and Age										
	Female									
	Child		Youth		Adult		Senior		Unknown	
	Count	%	Count	%	Count	%	Count	%	Count	%
Wearing Helmet	30	100%	15	79%	183	78.9%	11	73%	30	100%
Not Wearing Helmet	-	0%	4	21%	49	21.1%	4	27%	-	0%
<i>Total</i>	30	100%	19	100%	232	100.0%	15	100%	30	100%

## Appendix A: Hourly Directional Data

Appendix A: Hourly Directional Data								
Weekday								
Hours	Total Count	Time	North Count	Ave/Hr	% Within Hour	South Count	Ave/Hr	% Within Hour
3	34	7-7:59	22	7.3	64.7%	12	4.0	35.3%
3	66	8-8:59	27	9.0	40.9%	39	13.0	59.1%
3	95	9-9:59	53	17.7	55.8%	42	14.0	44.2%
3	97	10-10:59	38	12.7	39.2%	59	19.7	60.8%
3	94	11-11:59	54	18.0	57.4%	40	13.3	42.6%
3	74	12-12:59	29	9.7	39.2%	45	15.0	60.8%
3	71	13-13:59	37	12.3	52.1%	34	11.3	47.9%
3	90	14-14:59	39	13.0	43.3%	51	17.0	56.7%
3	145	15-15:59	73	24.3	50.3%	72	24.0	49.7%
3	174	16-16:59	81	27.0	46.6%	93	31.0	53.4%
3	193	17-17:59	99	33.0	51.3%	94	31.3	48.7%
3	194	18-18:59	106	35.3	54.6%	88	29.3	45.4%
36	1327	Total	658	18.3	49.6%	669	18.6	50.4%

Appendix A: Hourly Directional Data								
Weekend								
Hours	Total Count	Time	North Count	Ave/Hr	% Within Hour	South Count	Ave/Hr	% Within Hour
2	40	7-7:59	10	5.0	25.0%	30	15.0	75.0%
2	200	8-8:59	87	43.5	43.5%	113	56.5	56.5%
2	370	9-9:59	196	98.0	53.0%	174	87.0	47.0%
2	365	10-10:59	158	79.0	43.3%	207	103.5	56.7%
2	424	11-11:59	208	104.0	49.1%	216	108.0	50.9%
2	536	12-12:59	206	103.0	38.4%	330	165.0	61.6%
2	551	13-13:59	238	119.0	43.2%	313	156.5	56.8%
2	703	14-14:59	301	150.5	42.8%	402	201.0	57.2%
2	684	15-15:59	299	149.5	43.7%	385	192.5	56.3%
2	622	16-16:59	286	143.0	46.0%	336	168.0	54.0%
2	403	17-17:59	202	101.0	50.1%	201	100.5	49.9%
2	363	18-18:59	182	91.0	50.1%	181	90.5	49.9%
24	5261	Total	2373	98.9	45.1%	2888	120.3	54.9%

## 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	34	7-7:59	21	7.0	61.8%	3	1.0	8.8%	10	3.3	29.4%	-	-	-
3	66	8-8:59	45	15.0	68.2%	8	2.7	12.1%	11	3.7	16.7%	-	-	-
3	95	9-9:59	72	24.0	75.8%	12	4.0	12.6%	11	3.7	11.6%	-	-	-
3	97	10-10:59	63	21.0	64.9%	10	3.3	10.3%	23	7.7	23.7%	-	-	-
3	94	11-11:59	64	21.3	68.1%	12	4.0	12.8%	17	5.7	18.1%	-	-	-
3	74	12-12:59	39	13.0	52.7%	10	3.3	13.5%	25	8.3	33.8%	-	-	-
3	71	13-13:59	38	12.7	53.5%	3	1.0	4.2%	30	10.0	42.3%	-	-	-
3	90	14-14:59	51	17.0	56.7%	6	2.0	6.7%	33	11.0	36.7%	-	-	-
3	145	15-15:59	77	25.7	53.1%	16	5.3	11.0%	49	16.3	33.8%	1	0.3	0.7%
3	174	16-16:59	97	32.3	55.7%	12	4.0	6.9%	62	20.7	35.6%	1	0.3	0.6%
3	193	17-17:59	118	39.3	61.1%	15	5.0	7.8%	59	19.7	30.6%	-	-	-
3	194	18-18:59	114	38.0	58.8%	14	4.7	7.2%	59	19.7	30.4%	-	-	-
36	1327	Total	799	22.2	60.2%	121	3.4	9.1%	389	10.8	29.3%	2	0.1	0.2%

### 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	11	7-7:59	10	5.0	90.9%	1	0.5	9.1%	-	-	-	-	-	-
2	73	8-8:59	40	20.0	54.8%	27	13.5	37.0%	6	3.0	8.2%	-	-	-
2	107	9-9:59	54	27.0	50.5%	41	20.5	38.3%	12	6.0	11.2%	-	-	-
2	93	10-10:59	43	21.5	46.2%	24	12.0	25.8%	26	13.0	28.0%	-	-	-
2	106	11-11:59	57	28.5	53.8%	17	8.5	16.0%	32	16.0	30.2%	-	-	-
2	146	12-12:59	74	37.0	50.7%	22	11.0	15.1%	46	23.0	31.5%	-	-	-
2	146	13-13:59	79	39.5	54.1%	6	3.0	4.1%	58	29.0	39.7%	-	-	-
2	192	14-14:59	77	38.5	40.1%	3	1.5	1.6%	107	53.5	55.7%	2	1.0	1.0%
2	178	15-15:59	83	41.5	46.6%	4	2.0	2.2%	90	45.0	50.6%	1	0.5	0.6%
2	180	16-16:59	101	50.5	56.1%	5	2.5	2.8%	70	35.0	38.9%	4	2.0	2.2%
2	100	17-17:59	60	30.0	60.0%	8	4.0	8.0%	32	16.0	32.0%	-	-	-
2	111	18-18:59	73	36.5	65.8%	3	1.5	2.7%	34	17.0	30.6%	-	-	-
24	1443	Total	751	31.3	52.0%	161	6.7	11.2%	513	21.4	35.6%	7	0.3	0.5%

## Appendix C: Activity and Direction

### Weekday

Appendix C: Activity and Direction MT Alberta View					
Weekday 7:00-9:59					
	Total Count Within Time Period	North		South	
		Count	% Within Time Period	Count	% Within Time Period
Walking	138	68	34.9%	70	35.9%
Running	32	20	10.3%	12	6.2%
Cycling	23	13	6.7%	10	5.1%
Inline	0	0	0.0%	0	0.0%
<b>Total</b>	<b>195</b>	<b>102</b>	<b>52.3%</b>	<b>93</b>	<b>47.7%</b>

Appendix C: Activity and Direction MT Alberta View					
Weekday 10:00-12:59					
	Total Count Within Time Period	North		South	
		Count	% Within Time Period	Count	% Within Time Period
Walking	166	78	29.4%	88	33.2%
Running	65	27	10.2%	38	14.3%
Cycling	32	16	6.0%	16	6.0%
Inline	0	0	0.0%	0	0.0%
<b>Total</b>	<b>265</b>	<b>121</b>	<b>45.7%</b>	<b>144</b>	<b>54.3%</b>

Appendix C: Activity and Direction MT Alberta View					
Weekday 13:00-15:59					
	Total Count Within Time Period	North		South	
		Count	% Within Time Period	Count	% Within Time Period
Walking	166	84	27.5%	82	26.8%
Running	112	50	16.3%	62	20.3%
Cycling	25	15	4.9%	10	3.3%
Inline	1	0	0.0%	1	0.3%
<b>Total</b>	<b>306</b>	<b>149</b>	<b>48.7%</b>	<b>157</b>	<b>51.3%</b>

Appendix C: Activity and Direction MT Alberta View					
Weekday 16:00-18:59					
	Total Count Within Time Period	North		South	
		Count	% Within Time Period	Count	% Within Time Period
Walking	329	172	30.7%	157	28.0%
Running	180	87	15.5%	93	16.6%
Cycling	41	22	3.9%	19	3.4%
Inline	1	1	0.2%	0	0.0%
<i>Total</i>	561	286	51.0%	275	49.0%

## Weekend

Appendix C: Activity and Direction Mt Alberta View					
Weekend 7:00-9:59					
	Total Count Within Time Period	North		South	
		Count	% Within Time Period	Count	% Within Time Period
Walking	104	47	24.6%	57	29.8%
Running	18	6	3.1%	12	6.3%
Cycling	69	36	18.8%	33	17.3%
Inline	0	0	0.0%	0	0.0%
<b>Total</b>	<b>191</b>	<b>89</b>	<b>46.6%</b>	<b>102</b>	<b>53.4%</b>

Appendix C: Activity and Direction Mt Alberta View					
Weekend 10:00-12:59					
	Total Count Within Time Period	North		South	
		Count	% Within Time Period	Count	% Within Time Period
Walking	174	81	23.5%	93	27.0%
Running	104	39	11.3%	65	18.8%
Cycling	63	34	9.9%	29	8.4%
Inline	0	0	0.0%	0	0.0%
<b>Total</b>	<b>345</b>	<b>156</b>	<b>45.2%</b>	<b>189</b>	<b>54.8%</b>

Appendix C: Activity and Direction Mt Alberta View					
Weekend 13:00-15:59					
	Total Count Within Time Period	North		South	
		Count	% Within Time Period	Count	% Within Time Period
Walking	239	121	23.4%	118	22.9%
Running	255	108	20.9%	147	28.5%
Cycling	13	7	1.4%	6	1.2%
Inline	3	2	0.4%	1	0.2%
<b>Total</b>	<b>516</b>	<b>242</b>	<b>46.9%</b>	<b>274</b>	<b>53.1%</b>

Appendix C: Activity and Direction Mt Alberta View					
Weekend 16:00-18:59					
	Total Count Within Time Period	North		South	
		Count	% Within Time Period	Count	% Within Time Period
Walking	234	130	33.2%	104	26.6%
Running	136	71	18.2%	65	16.6%
Cycling	16	9	2.3%	7	1.8%
Inline	4	1	0.3%	3	0.8%
<i>Total</i>	391	212	54.2%	179	45.8%

## 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	34	7-7:59	Male	3	1.0	8.8%	2	0.7	5.9%	10	3.3	29.4%	-	-	-
3	66	8-8:59	Male	16	5.3	24.2%	3	1.0	4.5%	10	3.3	15.2%	-	-	-
3	95	9-9:59	Male	23	7.7	24.2%	2	0.7	2.1%	4	1.3	4.2%	-	-	-
3	97	10-10:59	Male	26	8.7	26.8%	3	1.0	3.1%	17	5.7	17.5%	-	-	-
3	94	11-11:59	Male	10	3.3	10.6%	6	2.0	6.4%	10	3.3	10.6%	-	-	-
3	74	12-12:59	Male	11	3.7	14.9%	6	2.0	8.1%	17	5.7	23.0%	-	-	-
3	71	13-13:59	Male	7	2.3	9.9%	2	0.7	2.8%	21	7.0	29.6%	-	-	-
3	90	14-14:59	Male	26	8.7	28.9%	2	0.7	2.2%	24	8.0	26.7%	-	-	-
3	145	15-15:59	Male	35	11.7	24.1%	5	1.7	3.4%	41	13.7	28.3%	1	0.3	0.7%
3	174	16-16:59	Male	46	15.3	26.4%	5	1.7	2.9%	40	13.3	23.0%	1	0.3	0.6%
3	193	17-17:59	Male	50	16.7	25.9%	4	1.3	2.1%	47	15.7	24.4%	-	-	-
3	194	18-18:59	Male	54	18.0	27.8%	6	2.0	3.1%	40	13.3	20.6%	-	-	-
36	1327	Total	Male	307	8.5	23.1%	46	1.3	3.5%	281	7.8	21.2%	2	0.1	0.2%

**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	34	7-7:59	Female	18	6.0	52.9%	1	0.3	2.9%	-	-	-	-	-	-
3	66	8-8:59	Female	29	9.7	43.9%	5	1.7	7.6%	1	0.3	1.5%	-	-	-
3	95	9-9:59	Female	49	16.3	51.6%	10	3.3	10.5%	7	2.3	7.4%	-	-	-
3	97	10-10:59	Female	37	12.3	38.1%	7	2.3	7.2%	6	2.0	6.2%	-	-	-
3	94	11-11:59	Female	54	18.0	57.4%	6	2.0	6.4%	7	2.3	7.4%	-	-	-
3	74	12-12:59	Female	28	9.3	37.8%	4	1.3	5.4%	8	2.7	10.8%	-	-	-
3	71	13-13:59	Female	31	10.3	43.7%	1	0.3	1.4%	9	3.0	12.7%	-	-	-
3	90	14-14:59	Female	25	8.3	27.8%	4	1.3	4.4%	9	3.0	10.0%	-	-	-
3	145	15-15:59	Female	42	14.0	29.0%	11	3.7	7.6%	8	2.7	5.5%	-	-	-
3	174	16-16:59	Female	51	17.0	29.3%	7	2.3	4.0%	22	7.3	12.6%	-	-	-
3	193	17-17:59	Female	68	22.7	35.2%	11	3.7	5.7%	12	4.0	6.2%	-	-	-
3	194	18-18:59	Female	60	20.0	30.9%	8	2.7	4.1%	19	6.3	9.8%	-	-	-
36	1327	Total	Female	492	13.7	37.1%	75	2.1	5.7%	108	3.0	8.1%	-	-	-

**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	11	7-7:59	Male	5	2.5	45.5%	-	-	-	-	-	-	-	-	-
2	73	8-8:59	Male	19	9.5	26.0%	16	8.0	21.9%	4	2.0	5.5%	-	-	-
2	107	9-9:59	Male	31	15.5	29.0%	22	11.0	20.6%	10	5.0	9.3%	-	-	-
2	93	10-10:59	Male	16	8.0	17.2%	14	7.0	15.1%	20	10.0	21.5%	-	-	-
2	106	11-11:59	Male	24	12.0	22.6%	8	4.0	7.5%	23	11.5	21.7%	-	-	-
2	146	12-12:59	Male	34	17.0	23.3%	13	6.5	8.9%	33	16.5	22.6%	-	-	-
2	146	13-13:59	Male	36	18.0	24.7%	3	1.5	2.1%	32	16.0	21.9%	-	-	-
2	192	14-14:59	Male	30	15.0	15.6%	-	-	-	63	31.5	32.8%	1	0.5	0.5%
2	178	15-15:59	Male	28	14.0	15.7%	2	1.0	1.1%	52	26.0	29.2%	1	0.5	0.6%
2	180	16-16:59	Male	44	22.0	24.4%	2	1.0	1.1%	46	23.0	25.6%	4	2.0	2.2%
2	100	17-17:59	Male	29	14.5	29.0%	5	2.5	5.0%	22	11.0	22.0%	-	-	-
2	111	18-18:59	Male	41	20.5	36.9%	1	0.5	0.9%	23	11.5	20.7%	-	-	-
24	1443	Total	Male	337	14.0	23.4%	86	3.6	6.0%	328	13.7	22.7%	6	0.3	0.4%

**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	11	7-7:59	Female	5	2.5	45.5%	1	0.5	9.1%	-	-	-	-	-	-
2	73	8-8:59	Female	21	10.5	28.8%	11	5.5	15.1%	2	1.0	2.7%	-	-	-
2	107	9-9:59	Female	22	11.0	20.6%	19	9.5	17.8%	2	1.0	1.9%	-	-	-
2	93	10-10:59	Female	27	13.5	29.0%	10	5.0	10.8%	6	3.0	6.5%	-	-	-
2	106	11-11:59	Female	33	16.5	31.1%	9	4.5	8.5%	9	4.5	8.5%	-	-	-
2	146	12-12:59	Female	40	20.0	27.4%	9	4.5	6.2%	13	6.5	8.9%	-	-	-
2	146	13-13:59	Female	43	21.5	29.5%	3	1.5	2.1%	26	13.0	17.8%	-	-	-
2	192	14-14:59	Female	47	23.5	24.5%	3	1.5	1.6%	44	22.0	22.9%	1	0.5	0.5%
2	178	15-15:59	Female	55	27.5	30.9%	2	1.0	1.1%	38	19.0	21.3%	-	-	-
2	180	16-16:59	Female	57	28.5	31.7%	3	1.5	1.7%	24	12.0	13.3%	-	-	-
2	100	17-17:59	Female	31	15.5	31.0%	3	1.5	3.0%	10	5.0	10.0%	-	-	-
2	111	18-18:59	Female	32	16.0	28.8%	2	1.0	1.8%	11	5.5	9.9%	-	-	-
24	1443	Total	Female	413	17.2	28.6%	75	3.1	5.2%	185	7.7	12.8%	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	34	7-7:59	Child/Youth	1	0.3	2.9%	-	-	-	-	-	-	-	-	-
3	66	8-8:59	Child/Youth	-	-	-	-	-	-	-	-	-	-	-	-
3	95	9-9:59	Child/Youth	1	0.3	1.1%	-	-	-	-	-	-	-	-	-
3	97	10-10:59	Child/Youth	7	2.3	7.2%	-	-	-	1	0.3	1.0%	-	-	-
3	94	11-11:59	Child/Youth	2	0.7	2.1%	-	-	-	1	0.3	1.1%	-	-	-
3	74	12-12:59	Child/Youth	4	1.3	5.4%	-	-	-	-	-	-	-	-	-
3	71	13-13:59	Child/Youth	1	0.3	1.4%	-	-	-	2	0.7	2.8%	-	-	-
3	90	14-14:59	Child/Youth	4	1.3	4.4%	1	0.3	1.1%	6	2.0	6.7%	-	-	-
3	145	15-15:59	Child/Youth	7	2.3	4.8%	4	1.3	2.8%	11	3.7	7.6%	1	0.3	0.7%
3	174	16-16:59	Child/Youth	16	5.3	9.2%	-	-	-	9	3.0	5.2%	1	0.3	0.6%
3	193	17-17:59	Child/Youth	12	4.0	6.2%	2	0.7	1.0%	12	4.0	6.2%	-	-	-
3	194	18-18:59	Child/Youth	12	4.0	6.2%	-	-	-	19	6.3	9.8%	-	-	-
36	1327	Total	Child/Youth	67	1.9	5.0%	7	0.2	0.5%	61	1.7	4.6%	2	0.1	0.2%

**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	34	7-7:59	Adult/Senior	20	6.7	58.8%	3	1.0	8.8%	10	3.3	29.4%	-	-	-
3	66	8-8:59	Adult/Senior	45	15.0	68.2%	8	2.7	12.1%	11	3.7	16.7%	-	-	-
3	95	9-9:59	Adult/Senior	71	23.7	74.7%	12	4.0	12.6%	11	3.7	11.6%	-	-	-
3	97	10-10:59	Adult/Senior	56	18.7	57.7%	10	3.3	10.3%	22	7.3	22.7%	-	-	-
3	94	11-11:59	Adult/Senior	62	20.7	66.0%	12	4.0	12.8%	16	5.3	17.0%	-	-	-
3	74	12-12:59	Adult/Senior	35	11.7	47.3%	10	3.3	13.5%	25	8.3	33.8%	-	-	-
3	71	13-13:59	Adult/Senior	37	12.3	52.1%	3	1.0	4.2%	28	9.3	39.4%	-	-	-
3	90	14-14:59	Adult/Senior	47	15.7	52.2%	5	1.7	5.6%	27	9.0	30.0%	-	-	-
3	145	15-15:59	Adult/Senior	70	23.3	48.3%	12	4.0	8.3%	38	12.7	26.2%	-	-	-
3	174	16-16:59	Adult/Senior	81	27.0	46.6%	12	4.0	6.9%	53	17.7	30.5%	-	-	-
3	193	17-17:59	Adult/Senior	106	35.3	54.9%	13	4.3	6.7%	47	15.7	24.4%	-	-	-
3	194	18-18:59	Adult/Senior	102	34.0	52.6%	14	4.7	7.2%	40	13.3	20.6%	-	-	-
36	1327	Total	Adult/Senior	732	20.3	55.2%	114	3.2	8.6%	328	9.1	24.7%	-	-	-

### 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	11	7-7:59	Child/Youth	-	-	-	-	-	-	-	-	-	-	-	-
2	73	8-8:59	Child/Youth	1	0.5	1.4%	1	0.5	1.4%	-	-	-	-	-	-
2	107	9-9:59	Child/Youth	1	0.5	0.9%	-	-	-	-	-	-	-	-	-
2	93	10-10:59	Child/Youth	2	1.0	2.2%	-	-	-	1	0.5	1.1%	-	-	-
2	106	11-11:59	Child/Youth	1	0.5	0.9%	-	-	-	2	1.0	1.9%	-	-	-
2	146	12-12:59	Child/Youth	7	3.5	4.8%	-	-	-	8	4.0	5.5%	-	-	-
2	146	13-13:59	Child/Youth	8	4.0	5.5%	-	-	-	14	7.0	9.6%	-	-	-
2	192	14-14:59	Child/Youth	9	4.5	4.7%	-	-	-	12	6.0	6.3%	-	-	-
2	178	15-15:59	Child/Youth	2	1.0	1.1%	1	0.5	0.6%	12	6.0	6.7%	1	0.5	0.6%
2	180	16-16:59	Child/Youth	14	7.0	7.8%	-	-	-	13	6.5	7.2%	2	1.0	1.1%
2	100	17-17:59	Child/Youth	6	3.0	6.0%	-	-	-	2	1.0	2.0%	-	-	-
2	111	18-18:59	Child/Youth	14	7.0	12.6%	2	1.0	1.8%	5	2.5	4.5%	-	-	-
24	1443	Total	Child/Youth	65	2.7	4.5%	4	0.2	0.3%	69	2.9	4.8%	3	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	11	7-7:59	Adult/Senior	10	5.0	90.9%	1	0.5	9.1%	-	-	-	-	-	-
2	73	8-8:59	Adult/Senior	39	19.5	53.4%	26	13.0	35.6%	6	3.0	8.2%	-	-	-
2	107	9-9:59	Adult/Senior	53	26.5	49.5%	41	20.5	38.3%	12	6.0	11.2%	-	-	-
2	93	10-10:59	Adult/Senior	41	20.5	44.1%	24	12.0	25.8%	25	12.5	26.9%	-	-	-
2	106	11-11:59	Adult/Senior	56	28.0	52.8%	17	8.5	16.0%	30	15.0	28.3%	-	-	-
2	146	12-12:59	Adult/Senior	67	33.5	45.9%	22	11.0	15.1%	38	19.0	26.0%	-	-	-
2	146	13-13:59	Adult/Senior	71	35.5	48.6%	6	3.0	4.1%	44	22.0	30.1%	-	-	-
2	192	14-14:59	Adult/Senior	68	34.0	35.4%	3	1.5	1.6%	95	47.5	49.5%	2	1.0	1.0%
2	178	15-15:59	Adult/Senior	81	40.5	45.5%	3	1.5	1.7%	78	39.0	43.8%	-	-	-
2	180	16-16:59	Adult/Senior	87	43.5	48.3%	5	2.5	2.8%	57	28.5	31.7%	2	1.0	1.1%
2	100	17-17:59	Adult/Senior	54	27.0	54.0%	8	4.0	8.0%	30	15.0	30.0%	-	-	-
2	111	18-18:59	Adult/Senior	59	29.5	53.2%	1	0.5	0.9%	29	14.5	26.1%	-	-	-
24	1443	Total	Adult/Senior	686	28.6	47.5%	157	6.5	10.9%	444	18.5	30.8%	4	0.2	0.3%