THE CITY OF CALGARY

2013
BICYCLE COUNT

THE CITY OF
CALGARY
TRANSPORTATION

Onward/ Providing more travel choices helps to improve overall mobility in Calgary's transportation system

CONTENTS

ABOUT THE 2013 BICYCLE COUNT

In a continuing effort to better understand Calgary's progress towards becoming a bicycle friendly community, The City's Transportation department, through the Bicycle Program, conducted its first bicycle count in the summer of 2013. The results of this count have been analyzed and are presented in this report.

The Bicycle Count aims to annually monitor changes in cycling volumes and demographics at specific locations across Calgary. The Bicycle Count is one of the ways the Bicycle Program is monitoring and evaluating cycling data, in keeping with the Council-approved Cycling Strategy. Data from the 2013 Bicycle Count will serve as a baseline, allowing for comparisons to be made in subsequent years.

BICYCLE PROGRAM

As part of the Cycling Strategy and the Calgary Transportation Plan to provide Calgarians better transportation choices, the Bicycle Program was formally established in 2012 to help make Calgary a bicycle-friendly community.

The Bicycle Program operates within the Transportation department and aims to:

- Plan, design and build on-street bikeways.

- Identify and remove barriers to cycling.

- Educate and encourage cycling.

- Increase the supply of bicycle parking.

- Coordinate with other City departments and community organizations to improve cycling.

79%

21%

gender breakdown of cyclists

39% of cyclists are female—the highest proportion in the city

Over **55%** of cyclists were observed in 13 centre city locations

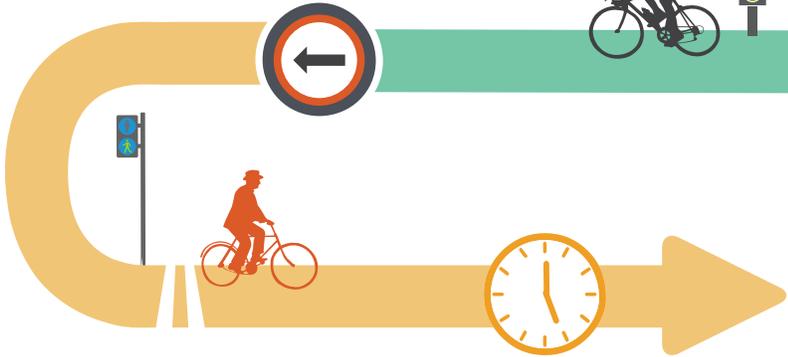Pathway crossing 29 St. N.W. near Foothills Hospital

peak hour for cycling was between 4:45 p.m. and 5:45 p.m.

Approximately **86%** of all cyclists wore helmets

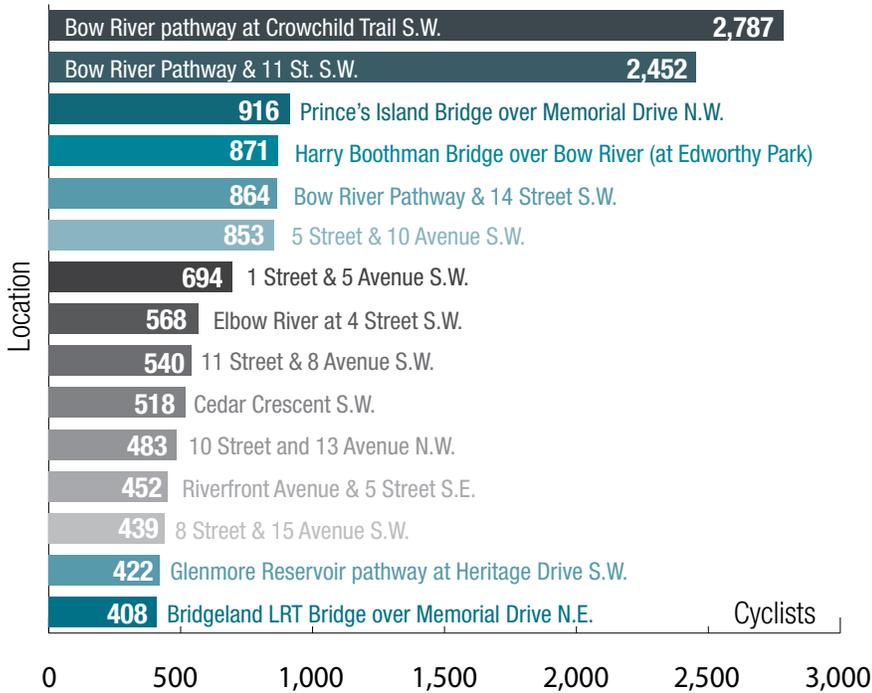Less than 3% of cyclists appeared to be under the age of 18 or older than 65.

Top cycling location was Bow River pathway at Crowchild Trail S.W.
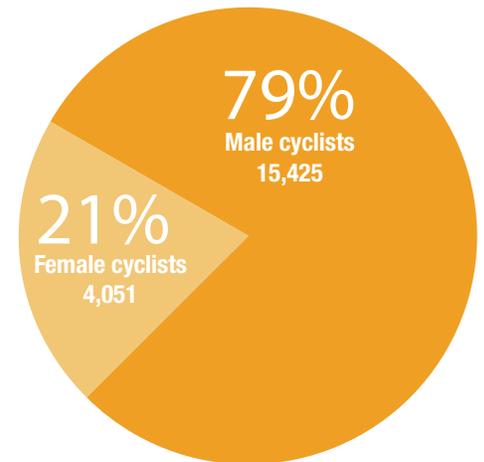
2,787 (cyclists in 6 hours)

The peak hour for pedestrians was between 4:30 p.m. and 5:30 p.m.

AT-A-GLANCE

2013 TOP 15 CYCLING LOCATIONS

Location	Cyclists
Bow River pathway at Crowchild Trail S.W.	2,787
Bow River Pathway & 11 St. S.W.	2,452
Prince's Island Bridge over Memorial Drive N.W.	916
Harry Boothman Bridge over Bow River (at Edworthy Park)	871
Bow River Pathway & 14 Street S.W.	864
5 Street & 10 Avenue S.W.	853
1 Street & 5 Avenue S.W.	694
Elbow River at 4 Street S.W.	568
11 Street & 8 Avenue S.W.	540
Cedar Crescent S.W.	518
10 Street and 13 Avenue N.W.	483
Riverfront Avenue & 5 Street S.E.	452
8 Street & 15 Avenue S.W.	439
Glenmore Reservoir pathway at Heritage Drive S.W.	422
Bridgeland LRT Bridge over Memorial Drive N.E.	408

Total cyclists - 19,476

79%
Male cyclists
15,425

21%
Female cyclists
4,051

Cyclists Helmet Usage

86%
helmets used
16,769

14%
no helmet
2,707

Age of Cyclists

97%
Cyclists from 18 to 65 years
18,972

2%
Cyclists under 18 years
360

0.7%
Cyclists over 65 years
144

Legend

- ● Monitoring Location
- ⌐ ⌐ Focus Area

N

STUDY AREA

Data was collected at 51 locations throughout Calgary including at residential bikeway intersections, along pathways, and points where cyclists are funneled across a bridge such as over the Bow River or LRT tracks.

0   2.5   5   10

Kilometres

HOW AND WHERE THE DATA WAS COLLECTED

The data for the Bicycle Count was manually collected using handheld electronic counters at 51 locations by City data collectors. The collection period was weekdays in May, July and September, between 6:30 to 9:30 a.m. and 3:30 to 6:30 p.m., which formed a six-hour count period. The intent of the data counts were to specifically capture the number of bicycle trips during typical commuting hours.

To determine count locations the Bicycle Program consulted with stakeholders including the bicycle community. Selected locations include bridges and intersections along pathways and roads where bicyclists were expected. In some cases, the count location was selected based on proposed bikeway improvements plans.

Data collected included:

• Number of cyclists.

• Age of cyclists (Under 18, 18 to 65, and over 65).

• Gender of cyclists.

• Number of cyclists riding with or without helmets.

• Pedestrians and wheelchair and mobility scooter users (Appendix A).

The Bicycle Count is intended to provide a 'snap shot' of bicycle use in different locations over time and does not monitor all bicycle trips in Calgary. **For more bicycle data and resource information, please see page 20.** It is important to note, that data collected in 2013 may have been impacted by the June 2013 Flood in Calgary. For your review, the complete 2013 data is available in Appendix B.
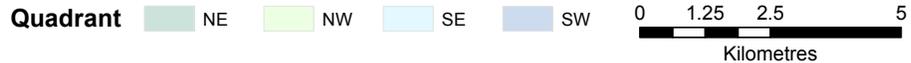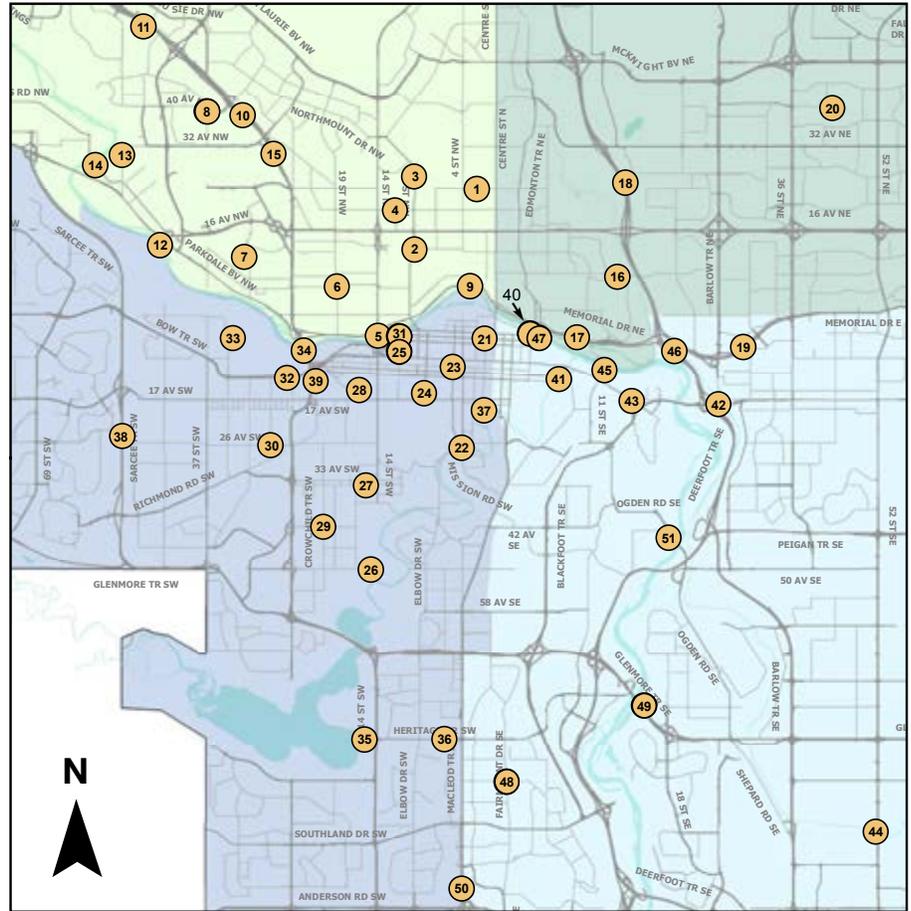
LOCATION INDEX

NORTHWEST

01. 2 Street and 24 Avenue N.W.

02. 10 Street and 13 Avenue N.W.

03. 10 St N.W. and Confederation Park pathway

04. 12 Street and 20 Avenue N.W.

05. Bow River pathway and 14 Street N.W.

06. 19 Street and 5 Avenue N.W.

07. 29 Street N.W. at Foothills Hospital path crossing near 11 Avenue N.W.

08. 37 Street and 40 Avenue N.W.

09. Prince's Island Bridge over Memorial Drive N.W.

10. Brentwood LRT Bridge over Crowchild Trail N.W.

11. Dalhousie LRT Station pathway intersection west of Vienna Drive N.W.

12. Harry Boothman Bridge over Bow River (at Edworthy Park) N.W.

13. Home Road and 52 Street N.W.

14. John Hextall Bridge over the Bow River N.W.

15. University LRT Bridge over Crowchild Trail N.W.

NORTHEAST

16. 8 Ave. and Deerfoot Trail (near 13a St. N.E.)

17. Bridgeland LRT Bridge over Memorial Drive N.E.

18. Pedestrian bridge over Deerfoot Trail N.E. (Fox Hollow)

19. Franklin LRT Bridge over Memorial Drive S.E.

20. Whitehorn pathway intersection N.E.

SOUTHWEST

21. 1 Street and 5 Avenue S.W.

22. Elbow River pathway at 4 Street S.W.

23. 5 Street and 10 Avenue S.W.

24. 8 Street and 15 Avenue S.W.

25. 11 Street and 8 Avenue S.W.

26. 14A Street and 50 Avenue S.W.

27. 15 Street and 34 Avenue S.W. (West Leg)

28. 16 Street and 15 Avenue S.W.

29. 20 Street and 42 Avenue S.W.

30. 26 Street and 26 Avenue S.W.

31. Bow River pathway and 11 Street S.W.

32. Bow Trail and 24 Street S.W. Pedestrian Bridge

33. Cedar Crescent S.W. (east of Hemlock Crescent S.W. at pathway trailhead)

34. Bow River pathway at Crowchild Trail S.W.

35. Glenmore Reservoir pathway at Heritage Drive S.W.

36. Heritage Drive and Haddon Road S.W.

37. Elbow River Pedestrian Bridge near 1 Street and 19 Avenue S.W.

38. Pedestrian bridge over Sarcee Trail north of 26 Avenue S.W.

39. Pedestrian bridge over Crowchild Trail near Sonora Avenue and Summit Street S.W.

SOUTHEAST

40. 4 Avenue and Riverfront Avenue S.E.

41. MacDonald Bridge at 7 Street S.E.

42. 17 Avenue S.E. over the Bow River

43. Intersection of 9 Avenue, 17 Avenue and 15 Street S.E.

44. 52 Street S.E. Bridge

45. Bow River pathway Bridge and 12 Street S.E.

46. Bow River pathway S.E. near the Weir

47. Riverfront Avenue and 5 Street S.E.

48. Fairmount Drive and Acadia Drive S.E.

49. Bow River pathway near Glenmore Trail S.E.

50. Anderson LRT Bridge over Macleod Trail S.E.

51. Bow River pathway near Ogden Road S.E.

Quadrant NE   NW   SE   SW
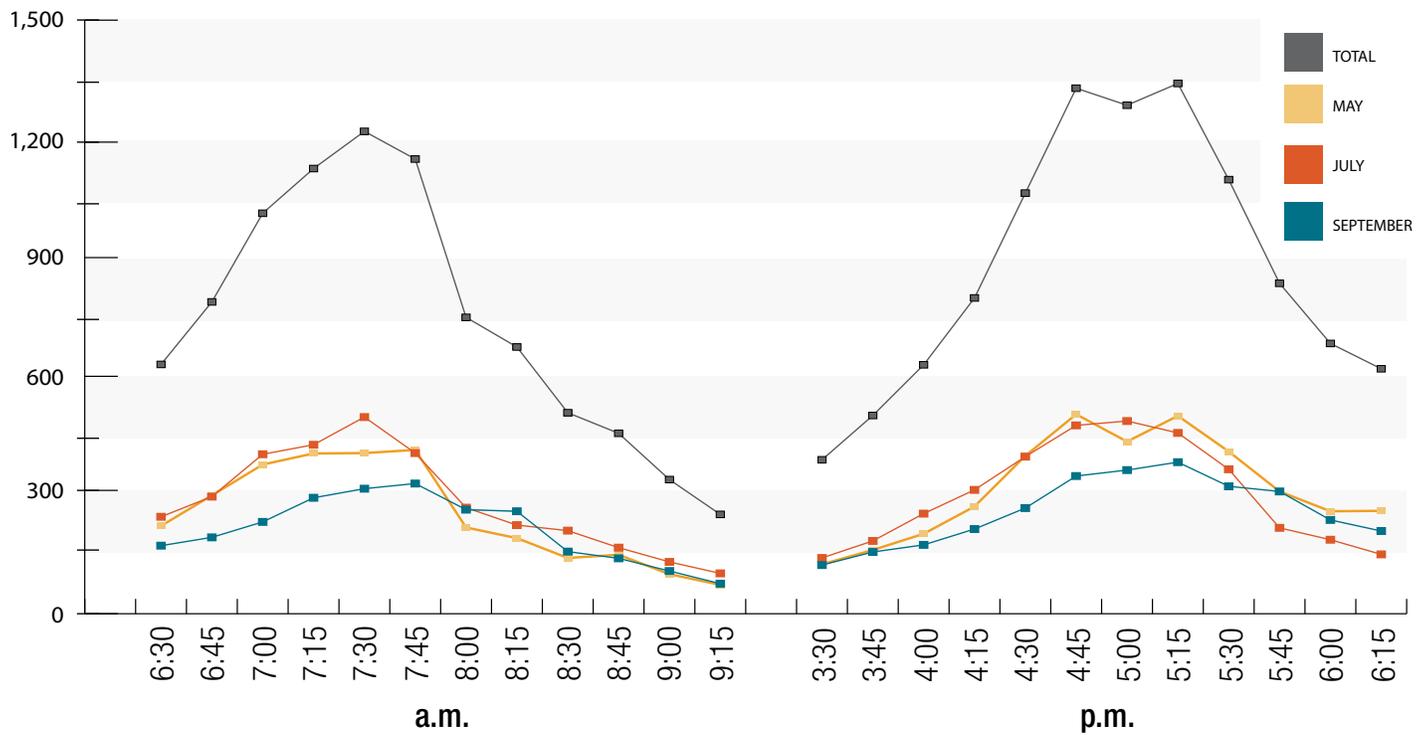
0   1.25   2.5   5
Kilometres

CYCLING VOLUMES
CYCLING PEAK HOURS

The peak morning hour for cycling in 2013 was 7:00 to 8:00 a.m. and the afternoon peak hour was 4:45 to 5:45 p.m. Approximately 51 per cent of cyclists counted in the morning period were counted during the peak morning hour.

48 per cent of cyclists counted in the afternoon period were counted during the peak afternoon hour.

2013 CYCLING VOLUMES BY TIME

Legend:
- TOTAL
- MAY
- JULY
- SEPTEMBER

x-axis (a.m.): 6:30, 6:45, 7:00, 7:15, 7:30, 7:45, 8:00, 8:15, 8:30, 8:45, 9:00, 9:15

x-axis (p.m.): 3:30, 3:45, 4:00, 4:15, 4:30, 4:45, 5:00, 5:15, 5:30, 5:45, 6:00, 6:15

y-axis: 0, 300, 600, 900, 1,200, 1,500

CYCLING VOLUMES

19,476 cyclists were counted at 51 locations in six-hour data collection time periods, averaging 382 cyclists per location. The highest cycling volumes were seen at Bow River pathway at Crowchild Trail S.W. with 2,787 cyclists and along the Bow River pathway and 11 Street S.W. with 2,452 cyclists counted in a six-hour period.

In the Centre City, 13 locations were counted and out of these seven Centre City locations recorded more than 500 cyclists in the six-hour data collection period. Over 55 per cent of all cyclists, 10,852 cyclists in total were recorded at Centre City Locations.

N

Cyclists
3,000
2,000
1,000
500
100

Quadrant   NE   NW   SE   SW

0   1.25   2.5   5
Kilometres
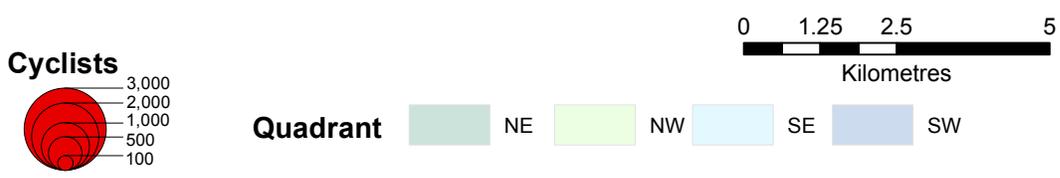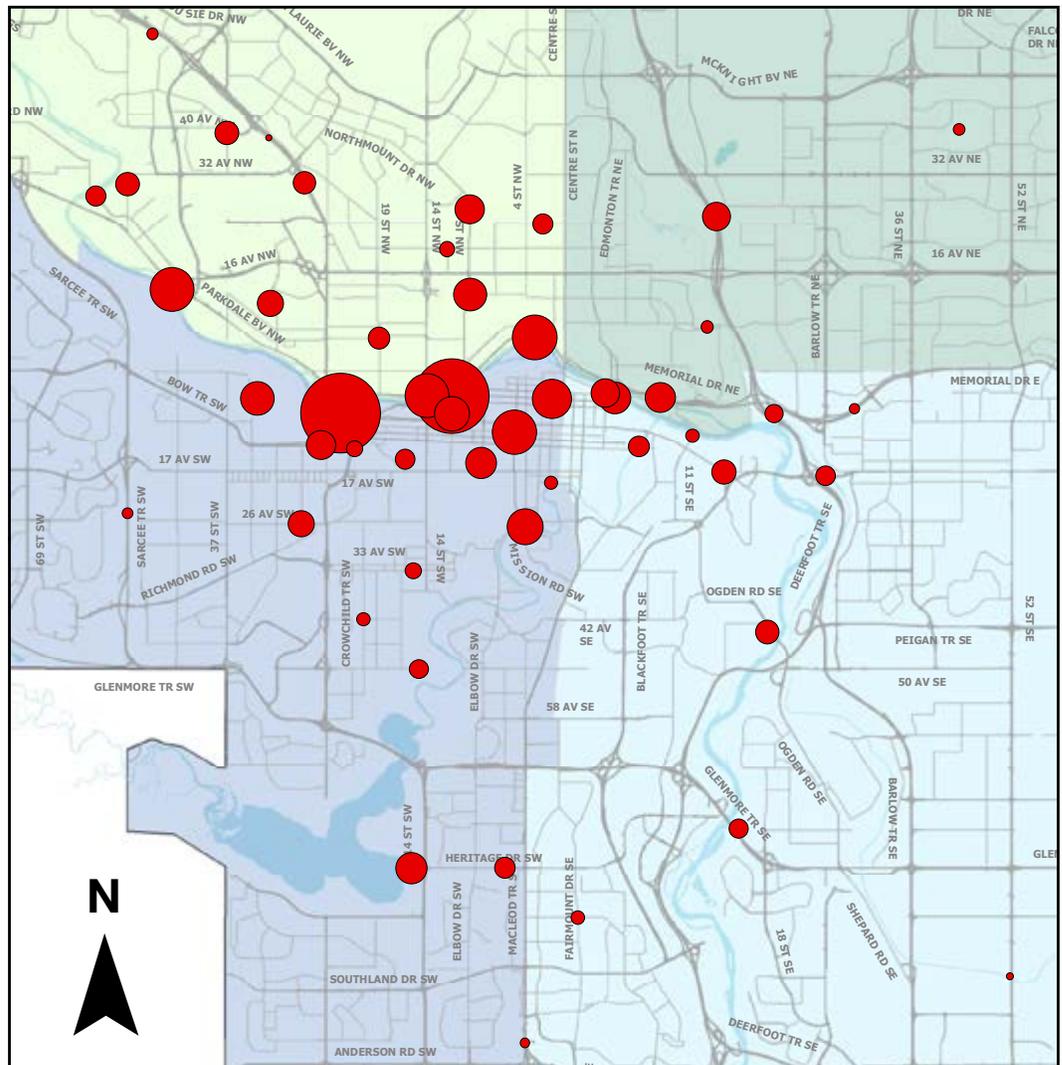
Six hour weekday count 6:30 to 9:30 a.m., 3:30 to 6:30 p.m. in May, July and September 2013

DEMOGRAPHICS BY AGE

18,972

144

360
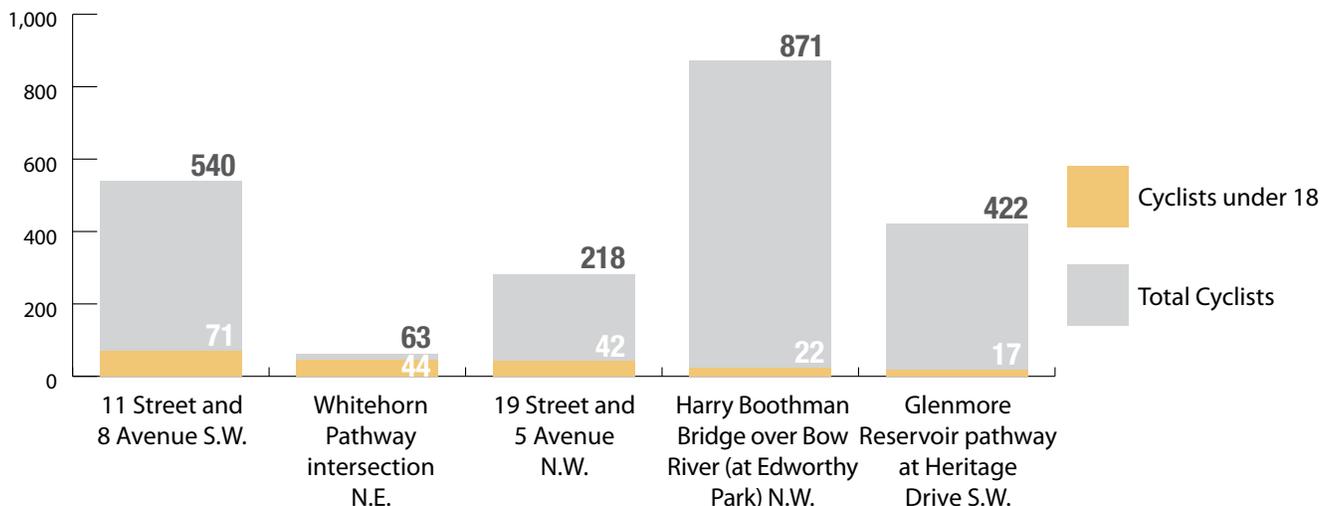
Legend:
- Under 18
- 18 to 65
- Over 65
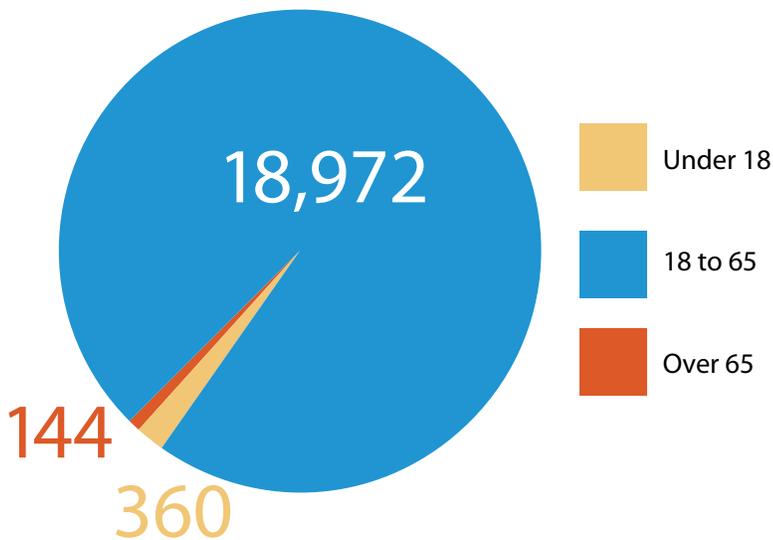
BY AGE

Over 97 per cent of cyclists counted were between the ages of 18 and 65. Approximately 1.8 per cent of cyclists were under the age of 18 and less than one per cent were over 65 years of age.

Under 18

The highest proportion of under 18 cyclists were found at the Whitehorn pathway intersection N.E., with 70 per cent of all cyclists at that location under 18 years of age. This high proportion is likely due to two elementary and one junior high school located within close proximity to the data collection location. In total, 44 cyclists under 18 years of age were counted at this location.

The largest total number of under 18 cyclists were observed at 11 Street and 8 Avenue S.W. with 71 cyclists under 18 years of age counted in a 6 hour period. The high number of under 18 cyclists at this location could be attributed to the close proximity of Shaw Millennium Park directly west of the intersection. Under 18 cyclists made up 13 per cent of all cyclists at this location.

TOP FIVE CYCLING LOCATIONS FOR UNDER 18

Location	Cyclists under 18	Total Cyclists
11 Street and 8 Avenue S.W.	71	540
Whitehorn Pathway intersection N.E.	44	63
19 Street and 5 Avenue N.W.	42	218
Harry Boothman Bridge over Bow River (at Edworthy Park) N.W.	22	871
Glenmore Reservoir pathway at Heritage Drive S.W.	17	422

Between 18 to 65

TOP FIVE CYCLING LOCATIONS FOR AGES 18 TO 65

Location	Total Cyclists	Cyclists 18 to 65
Bow River pathway at Crowchild Trail S.W.	2,787	2,773
Bow River Pathway and 11 Street S.W.	2,452	2,440
Prince's Island Bridge over Memorial Drive N.W.	916	910
5 Street and 10 Avenue S.W.	853	853
Bow River Pathway and 14 Street N.W.	864	851

Legend: ■ Cyclists 18 to 65 ■ Total Cyclists
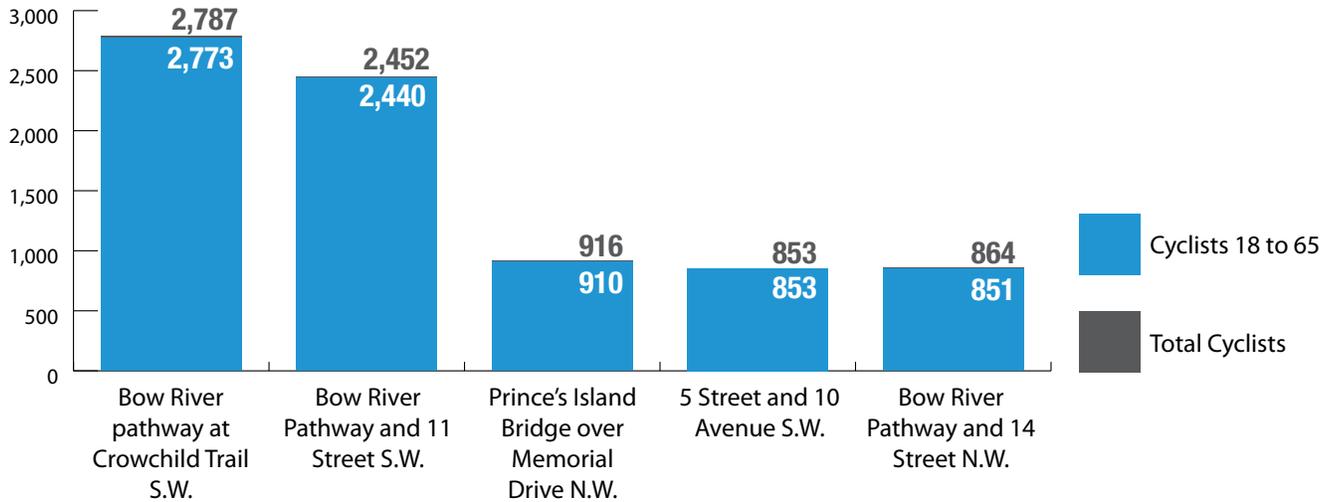
Over 65

The top four cycling locations for individuals over 65 years of age were located along The City pathway system. The highest proportion of individuals over 65 cycling occurred on the Bow River pathway near Ogden Road S.E., with 9 per cent of total cyclists over 65.
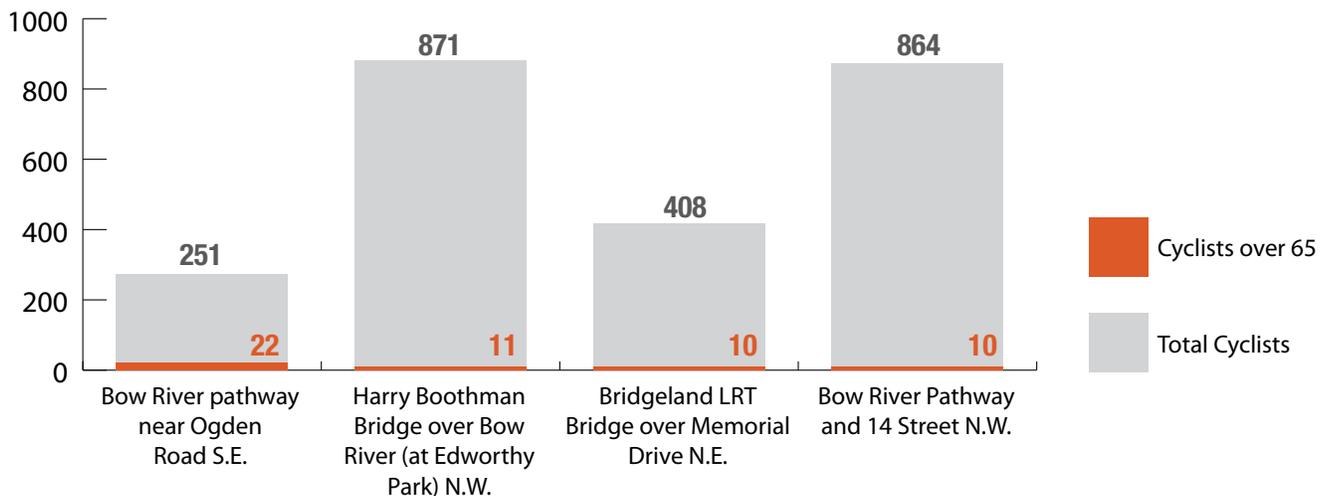
TOP FOUR CYCLING LOCATIONS FOR OVER 65

Location	Total Cyclists	Cyclists over 65
Bow River pathway near Ogden Road S.E.	251	22
Harry Boothman Bridge over Bow River (at Edworthy Park) N.W.	871	11
Bridgeland LRT Bridge over Memorial Drive N.E.	408	10
Bow River Pathway and 14 Street N.W.	864	10

Legend: ■ Cyclists over 65 ■ Total Cyclists

DEMOGRAPHICS BY GENDER

- ■ Female Cyclists
- ■ Male Cyclists

21% 79%
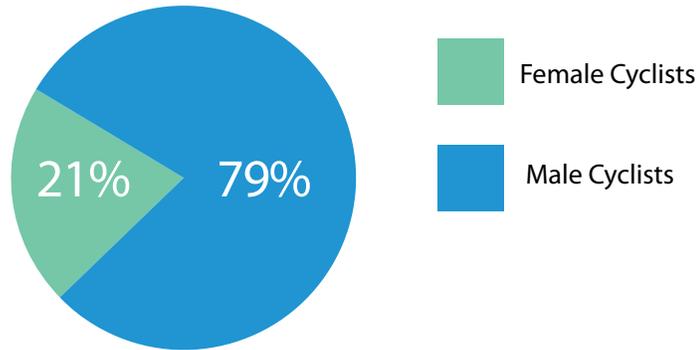
FEMALES

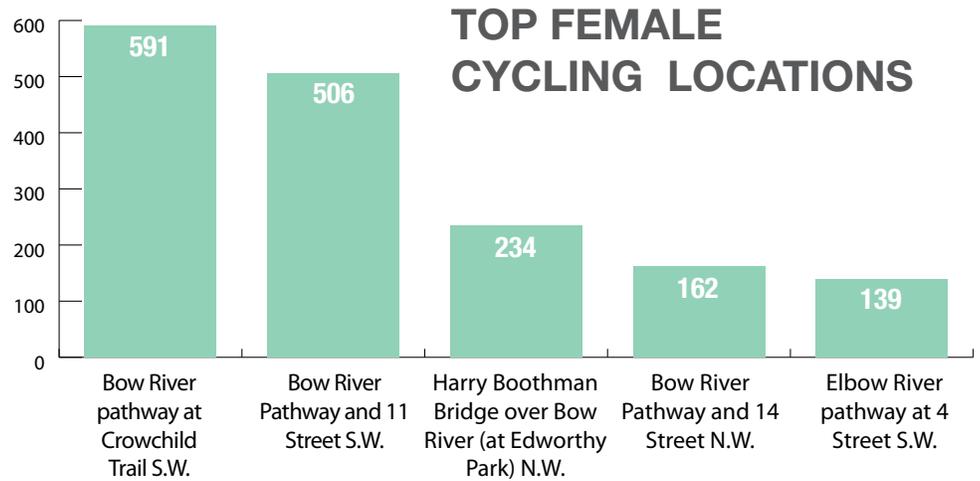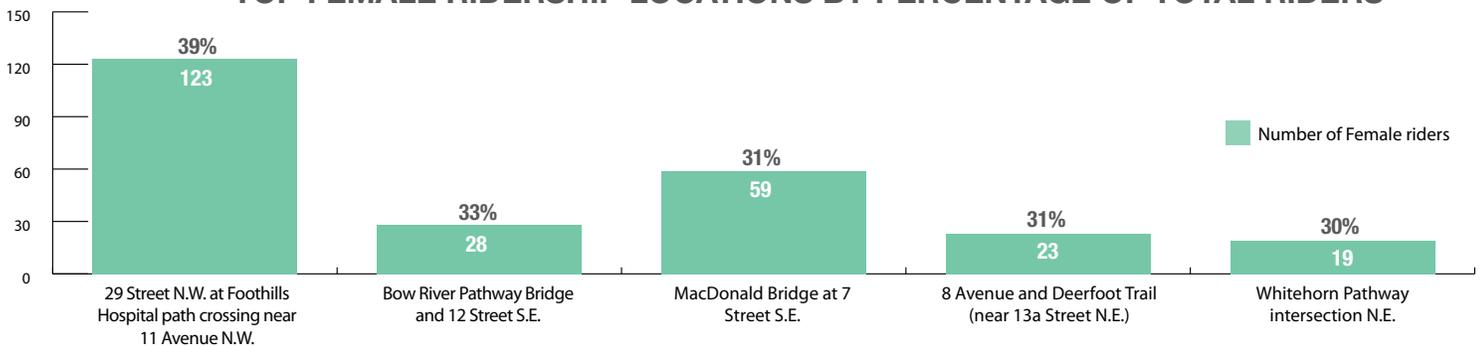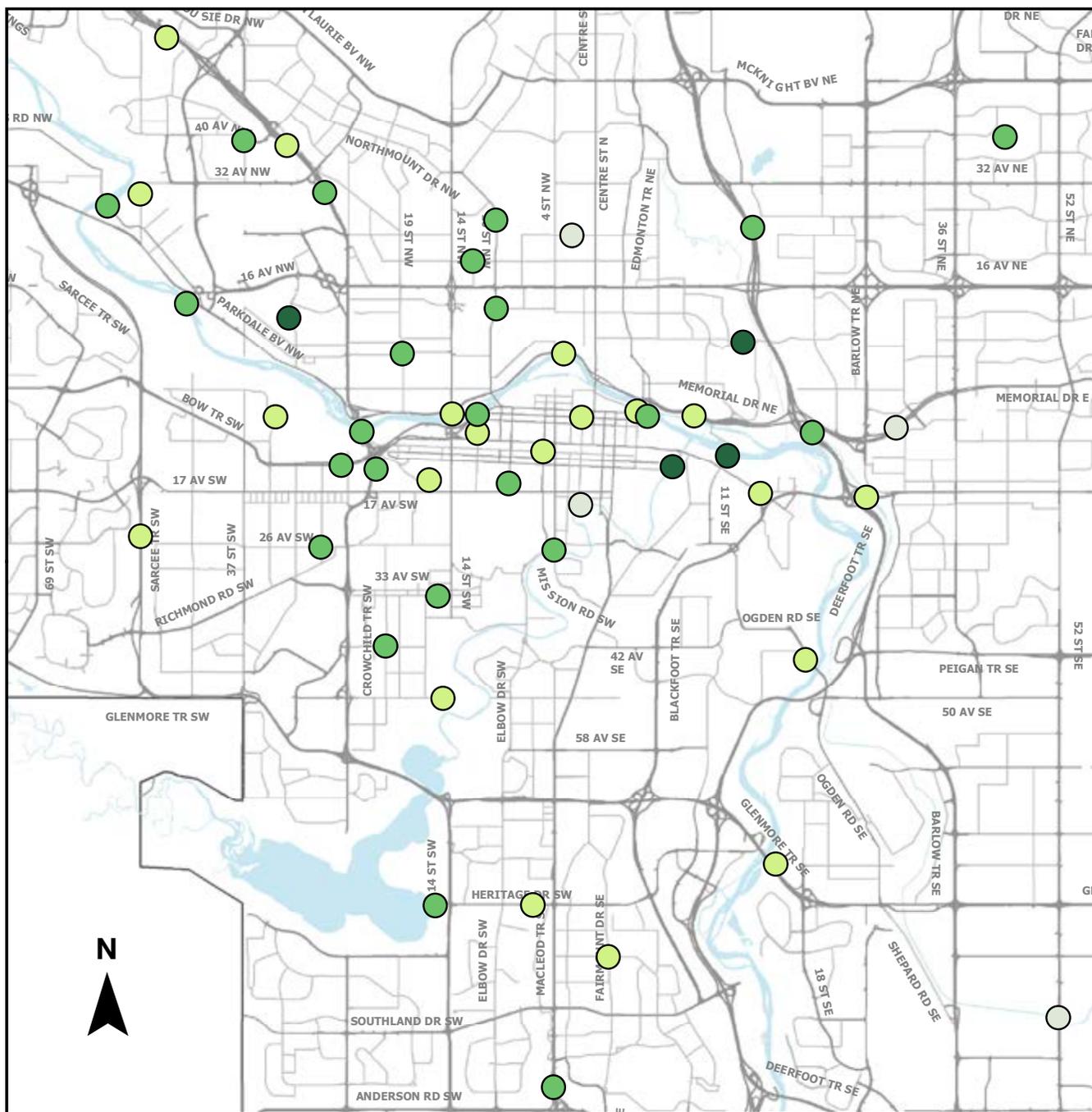On average, females comprised 21 per cent of all cyclists counted. The highest proportion of female cyclists was observed at 29 Street N.W. at Foothills Hospital path crossing near 11 Avenue N.W. with 39 per cent of all riders. The largest number of female cyclists was recorded at Bow River pathway at Crowchild Trail S.W., with 591 female cyclists counted.

TOP FEMALE CYCLING LOCATIONS

591	Bow River pathway at Crowchild Trail S.W.
506	Bow River Pathway and 11 Street S.W.
234	Harry Boothman Bridge over Bow River (at Edworthy Park) N.W.
162	Bow River Pathway and 14 Street N.W.
139	Elbow River pathway at 4 Street S.W.

TOP FEMALE RIDERSHIP LOCATIONS BY PERCENTAGE OF TOTAL RIDERS

■ Number of Female riders

Location	%	Number
29 Street N.W. at Foothills Hospital path crossing near 11 Avenue N.W.	39%	123
Bow River Pathway Bridge and 12 Street S.E.	33%	28
MacDonald Bridge at 7 Street S.E.	31%	59
8 Avenue and Deerfoot Trail (near 13a Street N.E.)	31%	23
Whitehorn Pathway intersection N.E.	30%	19

Female Cyclists as a Percentage of Total Cyclists

- ○ 0 to 10%
- ○ 10 to 20%
- ○ 20 to 30%
- ○ 30 to 40%
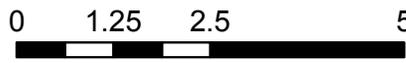
0   1.25   2.5   5
Kilometres

Six hour weekday count 6:30 to 9:30 a.m., 3:30 to 6:30 p.m. in May, July and September 2013

Female Cyclists
Male Cyclists

21% 79%
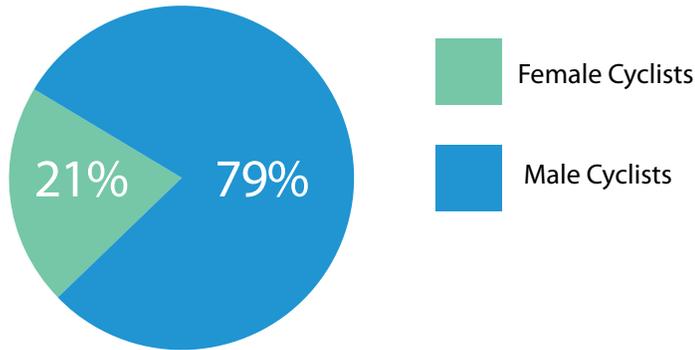
MALES

Approximately 79 per cent of all cyclists counted were male. The highest number of male cyclists were counted at the Bow River pathway at Crowchild Trail S.W. with 2,196 male cyclists followed by 11 Street and 8 Avenue S.W. with 1,946 cyclists.

TOP MALE CYCLING LOCATIONS
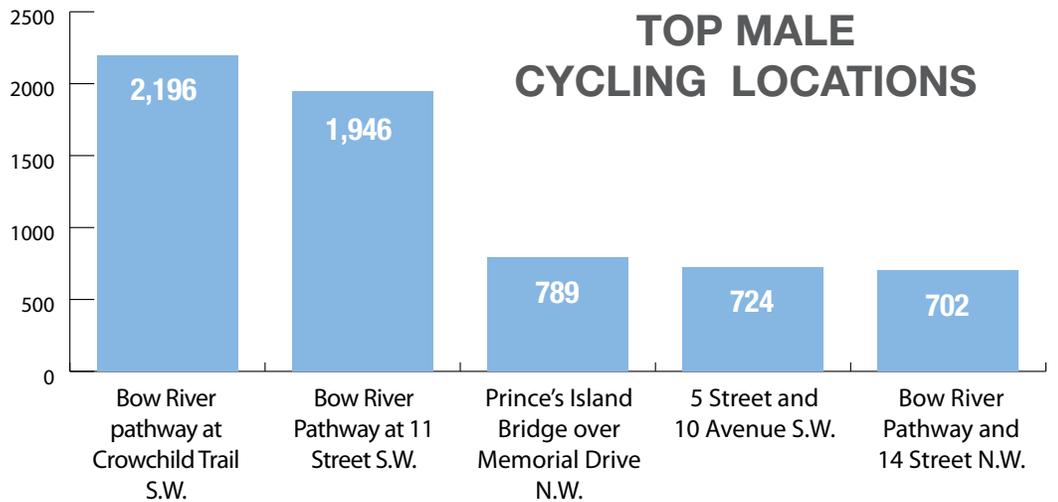
Location	Count
Bow River pathway at Crowchild Trail S.W.	2,196
Bow River Pathway at 11 Street S.W.	1,946
Prince's Island Bridge over Memorial Drive N.W.	789
5 Street and 10 Avenue S.W.	724
Bow River Pathway and 14 Street N.W.	702

TOP MALE RIDERSHIP LOCATIONS BY PERCENTAGE OF TOTAL RIDERS

Number of Male riders

Location	%	Count
52 Street S.E. Bridge	96%	22
Franklin LRT Bridge over Memorial Drive S.E.	94%	49
2 Street and 24 Avenue N.W.	92%	163
Elbow River Pedestrian Bridge near 11 Street and 19 Avenue S.W.	90%	69
Home Road and 52 Street N.W.	89%	225
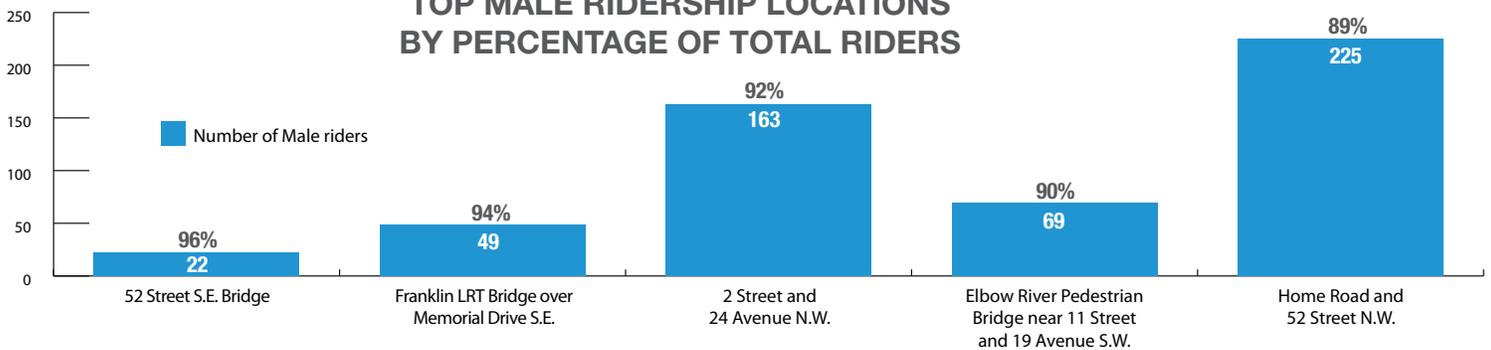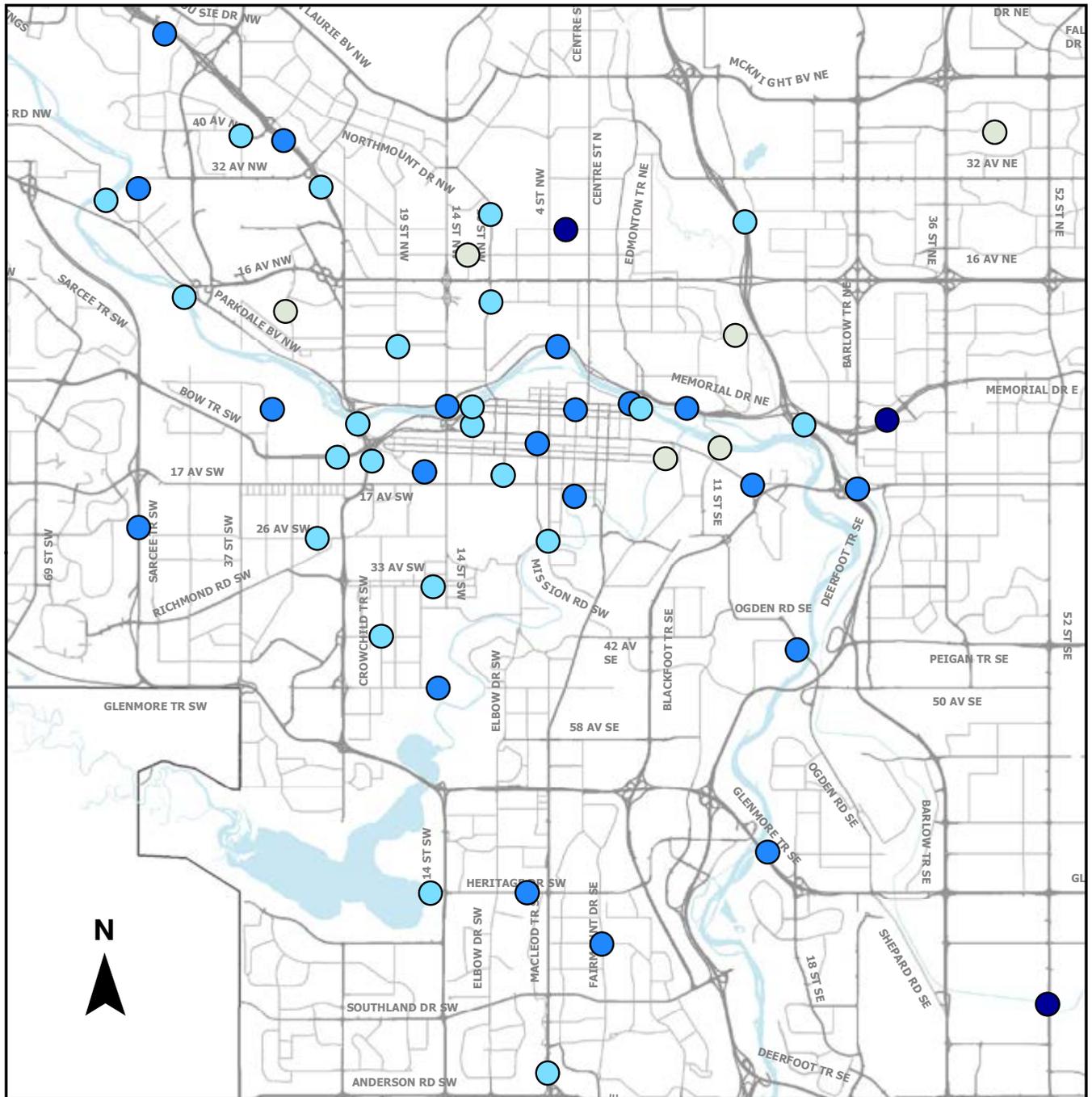
Male Cyclists as a Percentage of Total Cyclists

| ● 60 to 70% | ● 70 to 80% | ● 80 to 90% | ● 90 to 100% |

0   1.25   2.5   5

Kilometres

Six hour weekday count 6:30 to 9:30 am., 3:30 to 6:30 pm. in May, July and September 2013
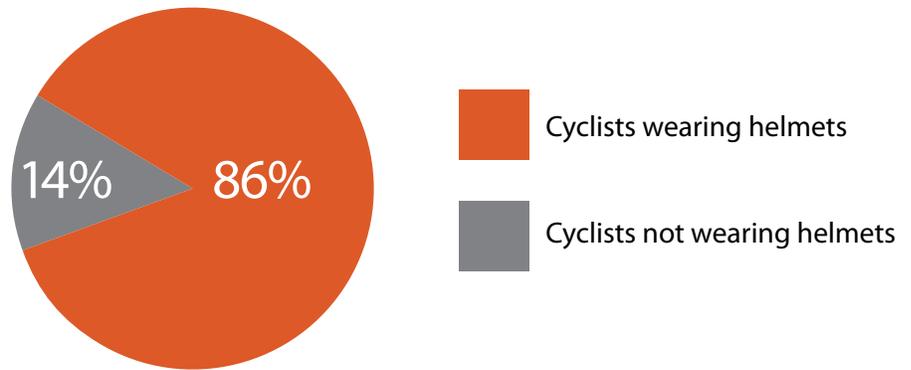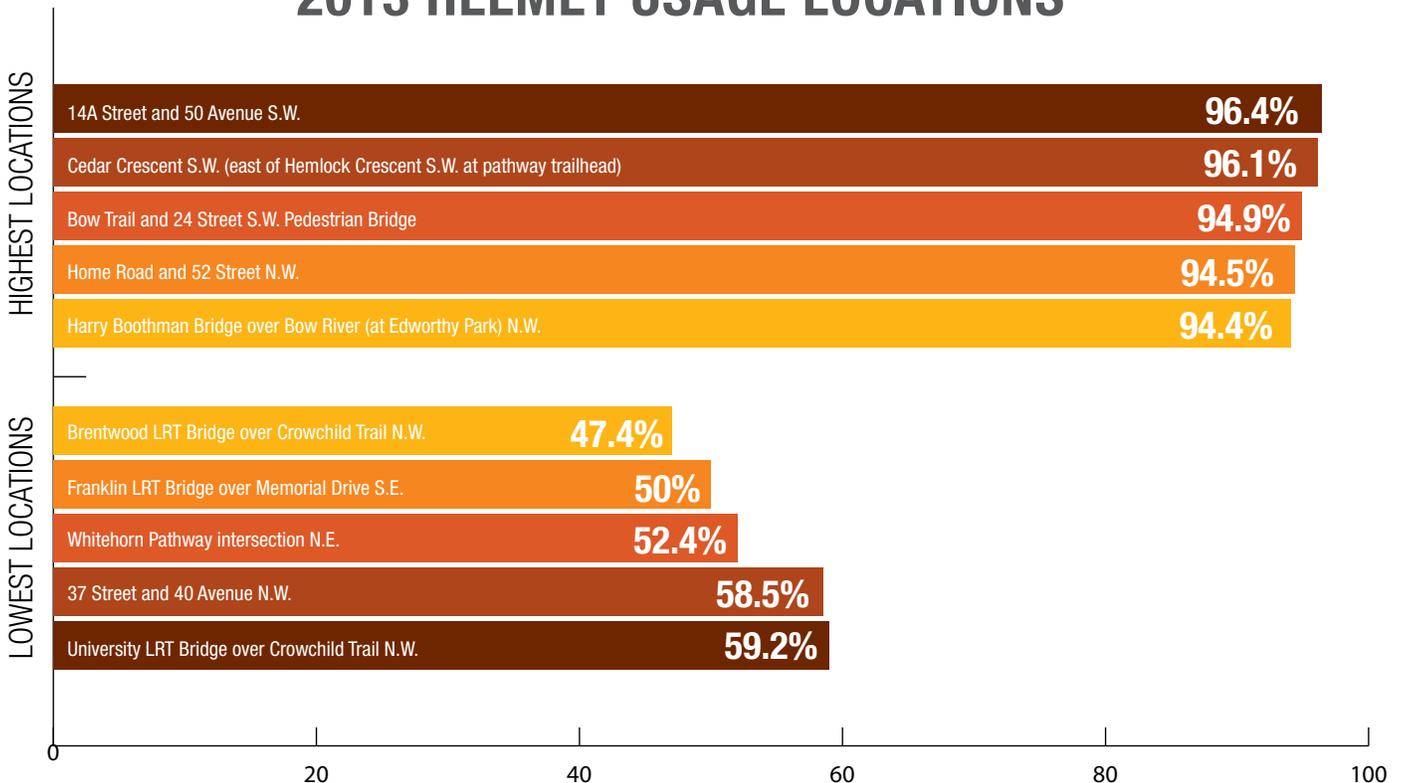
HELMETS

HELMET USE

Approximately 86 per cent of cyclists wear helmets. The highest proportion of cyclists observed wearing helmets were at 14A Street and 50 Avenue S.W. and along Cedar Crescent S.W. (east of Hemlock Crescent S.W. at pathway trailhead) In both locations, over 96 per cent of all cyclists were observed wearing helmets. The lowest proportion of cyclists observed wearing helmets were at the Brentwood LRT Bridge over Crowchild Trail N.W. and the Franklin LRT Bridge over Memorial Drive S.E. with 47 and 50 per cent of cyclists wearing helmets respectively.

2013 HELMET USAGE

14%   86%

■ Cyclists wearing helmets

■ Cyclists not wearing helmets

2013 HELMET USAGE LOCATIONS

HIGHEST LOCATIONS

Location	%
14A Street and 50 Avenue S.W.	96.4%
Cedar Crescent S.W. (east of Hemlock Crescent S.W. at pathway trailhead)	96.1%
Bow Trail and 24 Street S.W. Pedestrian Bridge	94.9%
Home Road and 52 Street N.W.	94.5%
Harry Boothman Bridge over Bow River (at Edworthy Park) N.W.	94.4%

LOWEST LOCATIONS

Location	%
Brentwood LRT Bridge over Crowchild Trail N.W.	47.4%
Franklin LRT Bridge over Memorial Drive S.E.	50%
Whitehorn Pathway intersection N.E.	52.4%
37 Street and 40 Avenue N.W.	58.5%
University LRT Bridge over Crowchild Trail N.W.	59.2%

0   20   40   60   80   100

Cyclists Wearing Helmets as a Percentage of Total Cyclists

Legend:
- ○ 40 to 50%
- ● 50 to 60%
- ● 60 to 70%
- ● 70 to 80%
- ● 80 to 90%
- ● 90 to 100%

Six hour weekday count 6:30 to 9:30 a.m., 3:30 to 6:30 p.m. in May, July and September 2013

PEDESTRIANS AND DATA RESOURCES

PEDESTRIANS, WHEELCHAIRS AND MOBILE SCOOTERS

In conjunction with the bicycle count, The City of Calgary also counted pedestrians, wheelchairs, and mobile scooters at all locations. Data regarding age and gender of pedestrians, wheelchair or mobile scooters users was not collected. In total, 49,418, pedestrians were counted and 54 wheelchair and mobile scooter users were counted.

The largest volumes of pedestrians (10,224) were counted at the intersection of 1 Street and 5 Avenue S.W. The location counted with the fewest pedestrians was also the location with the fewest cyclists - 52 Street Bridge S.E. The location with the greatest number of wheelchair and mobile scooters was Bow River pathway and 11 Street S.W. The Bow River pathway at 11 Street S.W. was also popular with pedestrians and bicycles. 29 locations out of 51 yielded zero wheelchair and mobility scooter users. See appendix A for additional pedestrian information.

The top five locations,with the most pedestrians were:

1. 1 Street and 5 Avenue S.W. (10,224)

2. University LRT Bridge over Crowchild Trail N.W. (9,083)

3. Brentwood LRT Bridge over Crowchild Trail N.W. (5,403)

4. 5 Street and 10 Avenue S.W. (4,116)

5. 8 Street and 15 Avenue S.W. (2,374)

The five locations with the least number of pedestrians counted were:

1. 52 Street Bridge S.E. (3)

2. Bow River pathway near Ogden Road S.E. (7)

3. 17 Avenue S.E. over the Bow River (21)

4. Bow River Pathway S.E. near the Calgary weir (28)

5. 8 Avenue and Deerfoot Trail S.E. (near 13a Street N.E.) (36)

BICYCLE PROGRAM DATA RESOURCES

Bicycle Program homepage

Bike Program Fact Sheet

Cycling Strategy

Downtown commuter cyclist survey

Mobility Monitor

Yearbook

Pathway Safety Review

Pathwatch Surveys

Planned Bikeway Improvements

Transportation Data Division

Future reports will contain an expanded analysis including changes in cycling volumes and demographics using the 2013 baseline data. Also, as new data is collected each year, trends will be displayed, providing enhanced knowledge of cycling in Calgary.

Visit calgary.ca/bikedata for more information.

APPENDIX A: 2013 PEDESTRIAN, WHEELCHAIR AND MOBILITY SCOOTER DATA

QUADRANT	ID	LOCATION	TOTAL CYCLISTS	PEDESTRIANS	WHEELCHAIR AND MOBLITY SCOOTERS*
N.W.	1	2 Street and 24 Avenue N.W.	178	129	0
	2	10 Street and 13 Avenue N.W.	483	472	0
	3	10 St N.W. and Confederation Park pathway	373	445	4
	4	12 Street and 20 Avenue N.W.	100	231	1
	5	Bow River pathway and 14 Street N.W.	864	560	1
	6	19 Street and 5 Avenue N.W.	218	210	0
	7	29 Street N.W. at Foothills Hospital path crossing near 11 Avenue N.W.	317	406	0
	8	37 Street and 40 Avenue N.W.	253	330	0
	9	Prince's Island Bridge over Memorial Drive N.W.	916	2,278	0
	10	Brentwood LRT Bridge over Crowchild Trail N.W.	19	5,403	1
	11	Dalhousie LRT Station pathway intersection west of Vienna Drive N.W.	57	478	0
	12	Harry Boothman Bridge over Bow River (at Edworthy Park)	871	430	4
	13	Home Road and 52 Street N.W.	254	58	1
	14	John Hextall Bridge over the Bow River N.W.	186	149	2
	15	University LRT Bridge over Crowchild Trail N.W.	223	9,083	3
N.E.	16	8 Avenue and Deerfoot Trail S.E.	75	36	0
	17	Bridgeland LRT Bridge over Memorial Drive N.E.	408	137	0
	18	Pedestrian bridge over Deerfoot Trail N.E. (Fox Hollow)	348	38	1
	19	Franklin LRT Bridge over Memorial Drive S.E.	52	1,826	0
	20	Whitehorn pathway intersection N.E.	63	399	0
S.W.	21	1 Street and 5 Avenue S.W.	694	10,224	2
	22	Elbow River pathway at 4 Street S.W.	568	829	0
	23	5 Street and 10 Avenue S.W.	853	4,116	4
	24	8 Street and 15 Avenue S.W.	439	2,374	0
	25	11 Street and 8 Avenue S.W.	540	2,002	0
	26	14A Street and 50 Avenue S.W.	168	146	0
	27	15 Street and 34 Avenue S.W. (West Leg)	117	109	0
	28	16 Street and 15 Avenue S.W.	177	206	1
	29	20 Street and 42 Avenue S.W.	83	232	0
	30	26 Street and 26 Avenue S.W.	320	79	0
	31	Bow River pathway and 11 Street S.W.	2,452	604	10
	32	Bow Trail and 24 Street S.W. Pedestrian Bridge	376	59	0
	33	Cedar Crescent S.W. (east of Hemlock Crescent S.W. at pathway trailhead)	518	240	2
	34	Bow River pathway at Crowchild Trail S.W.	2,787	290	0
	35	Glenmore Reservoir pathway at Heritage Drive S.W.	422	262	1
	36	Heritage Drive and Haddon Road S.W.	202	445	2
	37	Elbow River Pedestrian Bridge near 1 Street and 19 Avenue S.W.	77	533	0
	38	Pedestrian bridge over Sarcee Trail north of 26 Avenue S.W.	54	137	0
	39	Pedestrian bridge over Crowchild Trail near Sonora Avenue and Summit Street S.W.	126	107	0
S.E.	40	4 Avenue and Riverfront Avenue S.E.	364	1,285	4
	41	MacDonald Bridge at 7 Street S.E.	188	188	1
	42	17 Avenue S.E. over the Bow River	174	21	0
	43	Intersection of 9 Avenue, 17 Avenue and 15 Street S.E.	276	343	2
	44	52 Street S.E. Bridge	23	3	0
	45	Bow River pathway Bridge and 12 Street S.E.	85	170	1
	46	Bow River pathway S.E. near the Calgary Weir	147	28	0
	47	Riverfront Avenue and 5 Street S.E.	452	220	4
	48	Fairmount Drive and Acadia Drive S.E.	87	209	0
	49	Bow River pathway near Glenmore Trail S.E.	156	67	0
	50	Anderson LRT Bridge over Macleod Trail S.E.	42	785	2
	51	Bow River pathway near Ogden Road S.E.	251	7	0
		TOTAL	19,476	49,418	54

Six-hour counts collected on weekdays in May, July and September. *Data collected under wheelchair and mobllility scooters includes motorized and non-motorized wheelchairs and mobility scooters.

APPENDIX B: 2013 CYCLING DATA (SIX-HOUR)

QUADRANT	ID	LOCATION	TOTAL CYCLISTS (ALL DIRECTIONS)	GENDER				
				Female cyclists		Male cyclists		
				#	%	#	%	
N.W.	1	2 Street and 24 Avenue N.W.	178	15	8.4%	163	91.6%	
	2	10 Street and 13 Avenue N.W.	483	113	23.4%	370	76.6%	
	3	10 St N.W. and Confederation Park pathway	373	77	20.6%	296	79.4%	
	4	12 Street and 20 Avenue N.W.	100	30	30.0%	70	70.0%	
	5	Bow River pathway and 14 Street N.W.	864	162	18.8%	702	81.3%	
	6	19 Street and 5 Avenue N.W.	218	61	28.0%	157	72.0%	
	7	29 Street N.W. at Foothills Hospital path crossing near 11 Avenue N.W.	317	123	38.8%	194	61.2%	
	8	37 Street and 40 Avenue N.W.	253	60	23.7%	193	76.3%	
	9	Prince's Island Bridge over Memorial Drive N.W.	916	127	13.9%	789	86.1%	
	10	Brentwood LRT Bridge over Crowchild Trail N.W.	19	3	15.8%	16	84.2%	
	11	Dalhousie LRT Station pathway intersection west of Vienna Drive N.W.	57	11	19.3%	46	80.7%	
	12	Harry Boothman Bridge over Bow River (at Edworthy Park)	871	234	26.9%	637	73.1%	
	13	Home Road and 52 Street N.W.	254	29	11.4%	225	88.6%	
	14	John Hextall Bridge over the Bow River N.W.	186	42	22.6%	144	77.4%	
	15	University LRT Bridge over Crowchild Trail N.W.	223	55	24.7%	168	75.3%	
N.E.	16	8 Avenue and Deerfoot Trail S.E.	75	23	30.7%	52	69.3%	
	17	Bridgeland LRT Bridge over Memorial Drive N.E.	408	70	17.2%	338	82.8%	
	18	Pedestrian bridge over Deerfoot Trail N.E. (Fox Hollow)	348	87	25.0%	261	75.0%	
	19	Franklin LRT Bridge over Memorial Drive S.E.	52	3	5.8%	49	94.2%	
	20	Whitehorn pathway intersection N.E.	63	19	30.2%	44	69.8%	
S.W.	21	1 Street and 5 Avenue S.W.	694	133	19.2%	561	80.8%	
	22	Elbow River pathway at 4 Street S.W.	568	139	24.5%	429	75.5%	
	23	5 Street and 10 Avenue S.W.	853	129	15.1%	724	84.9%	
	24	8 Street and 15 Avenue S.W.	439	90	20.5%	349	79.5%	
	25	11 Street and 8 Avenue S.W.	540	110	20.4%	430	79.6%	
	26	14A Street and 50 Avenue S.W.	168	27	16.1%	141	83.9%	
	27	15 Street and 34 Avenue S.W. (West Leg)	117	27	23.1%	90	76.9%	
	28	16 Street and 15 Avenue S.W.	177	30	16.9%	147	83.1%	
	29	20 Street and 42 Avenue S.W.	83	24	28.9%	59	71.1%	
	30	26 Street and 26 Avenue S.W.	320	79	24.7%	241	75.3%	
	31	Bow River pathway and 11 Street S.W.	2,452	506	20.6%	1,946	79.4%	
	32	Bow Trail and 24 Street S.W. Pedestrian Bridge	376	92	24.5%	284	75.5%	
	33	Cedar Crescent S.W. (east of Hemlock Crescent S.W. at pathway trailhead)	518	100	19.3%	418	80.7%	
	34	Bow River pathway at Crowchild Trail S.W.	2,787	591	21.2%	2,196	78.8%	
	35	Glenmore Reservoir pathway at Heritage Drive S.W.	422	111	26.3%	311	73.7%	
	36	Heritage Drive and Haddon Road S.W.	202	34	16.8%	168	83.2%	
	37	Elbow River Pedestrian Bridge near 1 Street and 19 Avenue S.W.	77	8	10.4%	69	89.6%	
	38	Pedestrian bridge over Sarcee Trail north of 26 Avenue S.W.	54	7	13.0%	47	87.0%	
	39	Pedestrian bridge over Crowchild Trail near Sonora Avenue and Summit Street S.W.	126	37	29.4%	89	70.6%	
S.E.	40	4 Avenue and Riverfront Avenue S.E.	364	61	16.8%	303	83.2%	
	41	MacDonald Bridge at 7 Street S.E.	188	59	31.4%	129	68.6%	
	42	17 Avenue S.E. over the Bow River	174	33	19.0%	141	81.0%	
	43	Intersection of 9 Avenue, 17 Avenue and 15 Street S.E.	276	39	14.1%	237	85.9%	
	44	52 Street S.E. Bridge	23	1	4.3%	22	95.7%	
	45	Bow River pathway bridge and 12 Street S.E.	85	28	32.9%	57	67.1%	
	46	Bow River pathway S.E. near the Calgary Weir	147	36	24.5%	111	75.5%	
	47	Riverfront Avenue and 5 Street S.E.	452	99	21.9%	353	78.1%	
	48	Fairmount Drive and Acadia Drive S.E.	87	13	14.9%	74	85.1%	
	49	Bow River pathway near Glenmore Trail S.E.	156	20	12.8%	136	87.2%	
	50	Anderson LRT Bridge over Macleod Trail S.E.	42	10	23.8%	32	76.2%	
	51	Bow River pathway near Ogden Road S.E.	251	34	13.5%	217	86.5%	
		TOTAL	19,476	4,051	20.8%	15,425	79.2%	

Six-hour counts collected on weekdays in May, July and September.

| HELMET USE | | | | AGE | | | | | |
| Wearing helmets | | Not wearing helmets | | Cyclists under 18 | | Cyclists 18 to 65 | | Cyclists over 65 | |
#	%	#	%	#	%	#	%	#	%
154	86.5%	24	13.5%	3	1.7%	175	98.3%	0	0.0%
400	82.8%	83	17.2%	4	0.8%	476	98.6%	3	0.6%
335	89.8%	38	10.2%	0	0.0%	370	99.2%	3	0.8%
76	76.0%	24	24.0%	1	1.0%	99	99.0%	0	0.0%
745	86.2%	119	13.8%	3	0.3%	851	98.5%	10	1.2%
185	84.9%	33	15.1%	42	19.3%	174	79.8%	2	0.9%
295	93.1%	22	6.9%	3	0.9%	311	98.1%	3	0.9%
148	58.5%	105	41.5%	0	0.0%	253	100.0%	0	0.0%
715	78.1%	201	21.9%	6	0.7%	910	99.3%	0	0.0%
9	47.4%	10	52.6%	2	10.5%	17	89.5%	0	0.0%
42	73.7%	15	26.3%	7	12.3%	47	82.5%	3	5.3%
822	94.4%	49	5.6%	22	2.5%	838	96.2%	11	1.3%
240	94.5%	14	5.5%	1	0.4%	250	98.4%	3	1.2%
147	79.0%	39	21.0%	6	3.2%	176	94.6%	4	2.2%
132	59.2%	91	40.8%	7	3.1%	213	95.5%	3	1.3%
60	80.0%	15	20.0%	1	1.3%	74	98.7%	0	0.0%
345	84.6%	63	15.4%	3	0.7%	395	96.8%	10	2.5%
300	86.2%	48	13.8%	9	2.6%	332	95.4%	7	2.0%
26	50.0%	26	50.0%	0	0.0%	52	100.0%	0	0.0%
33	52.4%	30	47.6%	44	69.8%	16	25.4%	3	4.8%
609	87.8%	85	12.2%	0	0.0%	694	100.0%	0	0.0%
490	86.3%	78	13.7%	0	0.0%	566	99.6%	2	0.4%
695	81.5%	158	18.5%	0	0.0%	853	100.0%	0	0.0%
301	68.6%	138	31.4%	1	0.2%	435	99.1%	3	0.7%
401	74.3%	139	25.7%	71	13.1%	467	86.5%	2	0.4%
162	96.4%	6	3.6%	0	0.0%	168	100.0%	0	0.0%
103	88.0%	14	12.0%	0	0.0%	116	99.1%	1	0.9%
142	80.2%	35	19.8%	2	1.1%	167	94.4%	8	4.5%
73	88.0%	10	12.0%	9	10.8%	74	89.2%	0	0.0%
292	91.3%	28	8.8%	5	1.6%	315	98.4%	0	0.0%
2,267	92.5%	185	7.5%	12	0.5%	2,440	99.5%	0	0.0%
357	94.9%	19	5.1%	1	0.3%	375	99.7%	0	0.0%
498	96.1%	20	3.9%	0	0.0%	518	100.0%	0	0.0%
2,622	94.1%	165	5.9%	6	0.2%	2,773	99.5%	8	0.3%
390	92.4%	32	7.6%	17	4.0%	404	95.7%	1	0.2%
176	87.1%	26	12.9%	10	5.0%	186	92.1%	6	3.0%
56	72.7%	21	27.3%	2	2.6%	75	97.4%	0	0.0%
48	88.9%	6	11.1%	3	5.6%	49	90.7%	2	3.7%
111	88.1%	15	11.9%	8	6.3%	117	92.9%	1	0.8%
279	76.6%	85	23.4%	1	0.3%	363	99.7%	0	0.0%
133	70.7%	55	29.3%	0	0.0%	180	95.7%	8	4.3%
130	74.7%	44	25.3%	0	0.0%	169	97.1%	5	2.9%
250	90.6%	26	9.4%	15	5.4%	261	94.6%	0	0.0%
15	65.2%	8	34.8%	0	0.0%	23	100.0%	0	0.0%
58	68.2%	27	31.8%	1	1.2%	84	98.8%	0	0.0%
134	91.2%	13	8.8%	2	1.4%	144	98.0%	1	0.7%
349	77.2%	103	22.8%	12	2.7%	438	96.9%	2	0.4%
61	70.1%	26	29.9%	11	12.6%	75	86.2%	1	1.1%
107	68.6%	49	31.4%	7	4.5%	143	91.7%	6	3.8%
27	64.3%	15	35.7%	0	0.0%	42	100.0%	0	0.0%
224	89.2%	27	10.8%	0	0.0%	229	91.2%	22	8.8%
16,769	86.1%	2,707	13.9%	360	1.8%	18,972	97.4%	144	0.7%