REGIONAL PARKS
2013 VISITOR SURVEY

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LEES + Associates
Landscape Architects and Planners

Metro Vancouver
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EXECUTIVE SUMMARY

A visitor survey was conducted across 24 Metro Vancouver Regional Parks and Greenways from July 2 to September 30, 2013. All formally open regional parks and greenways were surveyed as part of this study with the exception of Thwaytes Landing Regional Park due to its low visitorship and access challenges and the North Alouette Greenway because it is operated by a municipality. A total of 3,040 regional park and greenway visitors were surveyed and an overall significance level of ±9.7% was achieved at the 95% confidence interval.

This report focuses on the results of this survey. The detailed description of the survey methodology is contained in a separate document to act as a resource for replicating the survey in the future. The results in this report have been broken down into two subsections:

1. Detailed results summary by the overall park system, and
2. Detailed results summary by regional park or greenway.

The survey found that for the overall park system 82% of respondents indicated that walking was the most popular primary recreational activity by a large margin. Accordingly visitors rated trails as the most important facility in regional parks. In terms of satisfaction, trails received the highest rating of all facilities at 4.2 out of 5.

The next most popular outdoor recreation activities reported were wildlife/nature viewing at 37%, jogging/running at 29%, cycling on flat trails, dykes or groomed trails at 25% and picnicking at 21%.

Following trails, garbage cans/recycling, maps/marked trail information, washrooms and parking were rated as important facilities. In general, survey respondents rated all facilities neutral or higher in satisfaction.

The vast majority of survey respondents came from the Metro Vancouver Regional Parks service area at 94%. Only 6% of respondents came from elsewhere. Visitors originating from Vancouver, Surrey and Langley were the largest groups represented overall.

The top reasons given for visiting a regional park was because the location was easy to access from home or work at 76%, and for exercise at 71%. While ease of access was important for all regional parks, the survey found that Lynn Headwaters, Campbell Valley, and Barnston Island Regional Parks had the most visitors from outside nearby municipalities.

The majority of respondents across the region did not feel that the regional park they were visiting was too crowded. Belcarra Regional Park was ranked the most crowded in the system with 41% of respondents saying the park was too crowded.

The last visitor survey of this nature was conducted in 1989 by White/Barton Associates for Metro Vancouver. This report contains a partial comparison of the 2013 results with the 1989 data to see if any changes in the visitor origin, use and satisfaction have emerged with increasing population and demographic shifts. The comparison found that walking was the most popular activity in 1989 and remains the most popular activity in 2013, almost doubling from the 42% participation rate reported in 1989. Although cars remain the primary method of transport to regional parks and greenways, the proportion of visitors using a car has dropped from 83% in 1989 to 72% in 2013 with a consequent increase in the proportion of visitors cycling and walking to the regional parks and greenways to 30% combined.
INTRODUCTION

BACKGROUND

Metro Vancouver's Regional Park system includes 22 regional parks, 2 ecological conservancy areas, 4 regional reserves and 5 regional greenways composed of over 14,400 hectares of parkland stretching from Bowen Island through Abbotsford and the North Shore to Boundary Bay. These parks protect and improve ecological health and promote human health and wellness primarily via day use, non-motorized outdoor recreational activities in large natural landscapes. Outdoor recreation in regional parks is facilitated via 359 kilometers of trails and basic facilities such as parking, washrooms, garbage receptacles, and picnic tables.

Data on visitor origin, preferred recreational activities and satisfaction is key to the efficient delivery of Metro Vancouver's park service. Metro Vancouver staff count park visits throughout the parks and greenway system each year using a network of trail counters strategically located at various trailheads. In addition to this basic data, a general study of recreational supply, demand and public attitudes towards outdoor recreation for the region was recently completed. This Regional Parks Visitor Survey was conducted to expand those data resources with specific information on park visitor origin, the recreational activities they take part in while visiting regional parks and their satisfaction with the services and experiences obtained during their visit. It is anticipated that surveys of regional parks and greenways visitors will be conducted periodically across the system to better understand the trends related to visitor use patterns, demographic profile and attitudes.

The last visitor survey of this nature was conducted in 1989 by White/Barton Associates for Metro Vancouver. This report contains a comparison of the 2013 results with the 1989 data to explore differences in visitor origin, use and satisfaction over time with increasing population and demographic shifts (see Appendix C).

The 2013 Visitor Survey Project was conducted in a three phase process using a visitor intercept methodology. Phase 1 involved the development of the survey methodology including the survey questionnaire. Phase 2 was the data gathering part of the process and Phase 3 was the data analysis and reporting portion. Data gathering commenced on July 2 and was completed on September 30. This report marks the culmination of the final phase and is one of the primary deliverables of the project.
SURVEY RESULTS

Twenty-five regional parks and greenways were open to the public in the summer of 2013 and 24 were included in the survey. Thwaytes Landing Regional Park was omitted due to its low visitorship and access challenges and North Alouette Greenway was omitted because it is managed by another agency.

3,040 regional parks and greenways visitors were surveyed with a target accuracy for the sample average established at 95%. All statistical sampling approaches have variation/error (i.e., bias) associated with the study design. The sample error gives a sense of how well a sample represents a population. The variation or error associated with the sample mean for the survey (system total) was calculated at ±9.7%. Individual parks had different error factors which are noted at the end of each section and in Appendix E.

DETAILED SUMMARY BY OVERALL PARK SYSTEM

The following section summarizes survey results by question at the overall regional park system level and provides a snapshot of visitor data for all regional parks and greenways included in the survey.

**Question 1: Please indicate the primary activities that you do at this regional park/greenway. (n=3,035)**

The most popular reported primary activity by a large margin was walking at 82% of respondents. This was followed by wildlife/nature viewing at 37%, jogging/running at 29%, cycling on flat trails, dykes or groomed trails at 25% and picnicking at 21%. See the figure below for a complete breakdown of the data.

![Figure 1: Primary Activities](image-url)
Question 2: How important are the following facilities to you at this regional park/greenway? (n=2,902)

The most important park facilities for respondents were trails, followed by garbage cans/recycling, maps/marked trail information, washrooms and parking. All other facilities were rated between the neutral to not important range.

Question 3: How would you rate your satisfaction with the facilities in this regional park/greenway? (n=2,741)

All facilities received a neutral or higher satisfaction rating.

The bar chart below compares Question 2: ‘The importance of park facilities’ to question 3: ‘Users satisfaction with these same facilities.’

These charts could be used to note the relationship between the facilities that respondents say are important and their satisfaction rating. Ideally, those facilities that are considered most important will receive high satisfaction ratings.

![Bar Chart](Figure 2: Importance & Satisfaction Analysis Bar Chart – System Level (Question 2 and 3))
Question 4: Indicate why you visit this regional park/greenway? (n=2,928)

- The top two reasons that survey respondents visit is because the location is easy to access from home or work (76%) and for exercise (71%).
- To commute was the least popular reason at 4%.

![Figure 3: Reason for Visit](image)

Question 5: How did you get to this regional park/greenway today? (n=2,938)

- The majority of visitors arrived by car (73%);
- By foot is the next most frequent (16%) response, followed closely by bike (14%); and
- A small percentage of visitors arrived by transit (4%).

![Figure 4: Transportation Mode](image)
Question 6: How frequently do you visit this regional park/greenway? (n=2,903)

- The largest proportion of survey respondents visit more than once a week (43%); and
- The smallest proportion of survey respondents visit about once every 2 months (6%).

Question 7: Do you feel safe in this park/greenway? (n=2,861)

- 96% of respondents feel safe in Metro Vancouver’s Regional Parks/Greenways.

Question 8: Do you feel this park/greenway is too crowded? (n=2,880)

- 92% of respondents do not feel the regional parks/greenways are too crowded.
Question 9a: Where do you live? (n=2,859)

Figure 6: Park Visitors Residential Origin Distribution
Vancouver had the largest regional park visitor origin within the Metro Vancouver Park Service Area at 16%.

Visitors originating from Surrey and Langley were the next largest groups represented.

94% of the visits originate within the Regional Parks Service Area boundary, leaving approximately 6% of survey respondents from elsewhere (see Figure 7 above).
• Of the 6% of respondents who came from outside the Regional Parks Service Area, approximately 50% were from British Columbia and 25% were international.
Question 9b: What is your country of birth? (n=2,915)

- 70% of respondents were born in Canada
- The other top 3 countries include:
  - UK (7%); 
  - Mainland Europe (5%); and
  - East Asia (6%).

![Figure 9: Country of Birth](image)
Question 9c: What is your employment status? (n=2,811)

- 59% of survey respondents were employed - full time, followed by retired status for 19%, and 11% were employed - part time basis.
- Only 3% of respondents indicated they were unemployed.

![Figure 10: Employment Status](chart10.png)

Question 9e: What gender are you? (n=2,914)

The gender split was very even for survey respondents with only 4% more women than men. The gender split in some parks did show marked differences from the regional average.

![Figure 11: Gender](chart11.png)
Question 9f: What year were you born? (n=2,821)

The largest age group that responded to the survey was within the 41-60 age group at 46%, followed by survey respondents over age 60 at 21% and 22% for the 25-40 age group. Only 11% of respondents were under the age of 24.

![Figure 12: Age](image-url)
DETAILED SUMMARY BY REGIONAL PARK

The following section reports on the visitor survey results by regional park or greenway, creating a unique visitor profile for each location.

ALDERGROVE REGIONAL PARK

INTRODUCTION:

Operated since 1969, Aldergrove Regional Park is comprised of 280 hectares of parkland on the Canada/US border and is split between the City of Abbotsford and the Township of Langley. This rolling central Fraser Valley landscape has second growth forest, wetland, old fields and a mature forest plant community. The park supports research and conservation projects for threatened and endangered species, and can accommodate organized events for a few dozen to several thousand people. With over 11.6 kilometers of trails, Aldergrove is a popular destination for walking, cycling, dog walking and equestrian use.

RESULTS PROFILE BY SURVEY QUESTION NUMBER:

Question 1: Please indicate the primary activities that you do at this regional park/greenway. (n=122)

Figure 1: Primary Activities

- Walking (89%) was reported as the most popular activity.
- Jogging (41%) and wildlife/nature viewing (26%) were the most significant other primary activities reported.
- Other notable activities include picnicking (15%) and mountain biking (13%).
- A small portion of visitors reported swimming and boating at the park; however, formal facilities for these activities are not provided here.
Question 2: How important are the following facilities to you at this regional park/greenway?

- The most important facility for survey respondents was reported as trails, followed by maps/marked trail information and parking.
- Garbage cans/recycling and washrooms were also quite important to respondents.

Question 3: How would you rate your satisfaction with the facilities in this regional park/greenway?

- All facilities were rated as neutral and above in satisfaction.
- Effort could be concentrated towards neutral responses such as water fountains.

See the figure below for the complete breakdown of the data.

The bar chart below compares question 2: ‘The importance of park facilities’ to question 3: ‘Users satisfaction with these same facilities.’

![Importance and Satisfaction Analysis Bar Chart](chart.png)
Question 4: Indicate why you visit this regional park/greenway? (n=116)

- Similar to the data in the overall park system section, the number one reason respondents visit Aldergrove Regional Park is because the location is easy to access from home or work (86%), closely followed by opportunity to exercise (83%).
- Activities with friends/family (55%) and experiencing solitude (53%) were the next most popular activities reported.

Question 5: How did you get to this regional park/greenway today? (n=119)

- Most visitors to Aldergrove Regional Park arrived via car (96%). Almost all remaining respondents arrived by bike (6%) or foot (1%).
Question 6: How frequently do you visit this regional park/greenway? (n=118)

- The largest proportion of survey respondents visit more than once a week (55%); and
- The smallest about once a week at (7%).

![Visit Frequency Diagram]

Question 7: Do you feel safe in this park/greenway? (n=115)

- 98% of respondents feel safe in this regional park.

Question 8: Do you feel this park/greenway is too crowded? (n=119)

- 3% of respondents feel this regional park is too crowded.
Question 9a: What is your postal code? (n=115)
The majority of responses (79%) came from the Fraser Valley Sub-region (Township and City of Langley/Abbotsford). To see the visitor response data for this regional park broken down by municipal origin, see Appendix D.

Question 9b: What is your country of birth? (n=119)

- 85% of respondents were born in Canada
- The other top 3 countries include:
  - UK (6%);
  - Mainland Europe (3%); and
  - Central Asia/Middle East (3%).
Question 9c: What is your employment status? (n=119)

- 55% of survey respondents were employed - full time, followed by retired (17%) and employed - part time (15%).
- Only 3% of respondents noted they were unemployed.

Question 9e: What gender are you? (n=119)

- 64% female respondents completed the survey, compared to only 36% male.
Question 9f: What year were you born? (n=119)

- The largest group that responded to the survey was within the 41-60 age group at 50%, followed by survey respondents in the 25-40 age group at 27%.
- 18% of respondents were in the over 60 age group.

Sample size

The survey responses received at Aldergrove Regional Park are accurate to ±9%, 95 times out of 100.
BARNSTON ISLAND REGIONAL PARK

Introduction:

Established in 1997, Barnston Island Regional Park is a 28 hectare park located on a unique rural island community in the Fraser River in Electoral Area A. Access is via ferry from the City of Surrey. The flat quiet road circuit and scenic riverfront make Barnston Island an attractive destination for walking and cycling. The park is split between two areas; Robert Point Rest Area is the main public site on the west end of the island.

Results profile by survey question number:

Question 1: Please indicate the primary activities that you do at this regional park/greenway. (n=34)

Figure 1: Primary Activities

- The most significant reported recreational activities were cycling (71%) followed by walking (38%) and wildlife/nature viewing (29%).
- Other notable activities include picnicking (21%) and mountain biking (21%).
- Note that that cycling primarily occurs on the dyke road which is located outside of this regional park.
Question 2: How important are the following facilities to you at this regional park/greenway?

- The most important facility for survey respondents was washrooms, followed by garbage cans/recycling and maps/marked trail information.
- Picnic areas and waterfront/beaches were rated as neutral importance.

Question 3: How would you rate your satisfaction with the facilities in this regional park/greenway?

- All facilities present in the park were rated as neutral or greater in satisfaction with maps/marked trail information, being the highest, followed closely by picnic areas and washrooms.

The bar chart below compares question 2: ‘The importance of park facilities’ to question 3: ‘Users satisfaction with these same facilities.”

![Bar Chart](image-url)

**Figure 2: Importance & Satisfaction Analysis Bar Chart (Question 2 and 3)**
Question 4: Indicate why you visit this regional park/greenway? (n=33)

- The most popular reported reason for visiting Barnston Island was family activity (82%).
- The next most popular reasons given for visiting the park were for general exercise (67%) and park access (64%).

Question 5: How did you get to this regional park/greenway today? (n=33)

- The most popular method of travelling to Barnston Island Regional Park was a tie between cars (48%) and bikes (48%). The next most popular means was by ‘other’ methods (12%). The access by ferry may account for the ‘other’ response. Transit and walking were the least favoured methods of travelling to the park.
Question 6: How frequently do you visit this regional park/greenway? (n=33)

- 84% of survey respondents visit less than once every two months;
- 7% of respondents visit the park about once every two months; and
- 3% of respondents visit the park more than once a week

![Visit Frequency Figure](image)

Question 7: Do you feel safe in this park/greenway? (n=33)

- 91% of respondents feel safe in this regional park.

Question 8: Do you feel this park/greenway is too crowded? (n=33)

- No respondents reported that this regional park is too crowded.
Question 9a: What is your postal code? (n=31)

Survey Responses by Postal Code: Barnston Island Regional Park (n = 32)
The largest group of responses (45%) came from the South Shore Sub-region (Surrey/Delta/White Rock). To see the visitor response data for this regional park broken down by municipal origin, see Appendix D.

Question 9b: What is your country of birth? (n=33)

- 72% of respondents were born in Canada
- The next most significant groups included:
  - UK (16%);
  - East Asia (6%); and
  - Other (6%).
Question 9c: What is your employment status? (n=33)

- 56% of survey respondents were employed - full time, followed by retired (25%), employed - part time (13%), and student (6%).
- 0% of respondents stated that they were unemployed.

Figure 8: Employment Status

Question 9e: What gender are you? (n=33)

- 63% of respondents who completed the survey were female, compared to 37% male.

Figure 9: Gender
Question 9f: What year were you born? (n=33)

- The distribution of respondents was relatively even across the following age ranges:
  - 41-60 (33%)
  - 25-40 (30%)
  - Over 60 (23%)
  - Respondents under 24 years old formed the smallest group (14%)

Sample size
The survey responses received at Barnston Island Regional Park are accurate to ±16.79%, 95 times out of 100.
BELCARRA REGIONAL PARK

INTRODUCTION:

Established around 1973, Belcarra Regional Park is 1,104 hectares of parkland perched at the entrance to Indian Arm on Burrard Inlet. With connections straddling three municipal jurisdictions (Village of Belcarra, Anmore and Port Moody), the park offers connections to Buntzen Ridge and Indian Arm Provincial Parks. It includes marine shoreline, a swimming lake, second growth coniferous forest, mixed topography including ridges and high points as well as wetland habitats. One highlight of the park is Sasamat Lake, one of the best freshwater swimming lakes in the urbanized parts of the region. In addition to open water swimming the park offers a large assortment of other recreational opportunities such as hiking, cycling, picnicking and nature viewing.

RESULTS PROFILE BY SURVEY QUESTION NUMBER:

Question 1: Please indicate the primary activities that you do at this regional park/greenway. (n=194)

- Walking (76%) was found to be the most popular activity.
- Swimming (65%) and picnicking (47%) are the most significant other primary activities.
- Other notable activities include wildlife/nature viewing (32%) and jogging (23%).
Question 2: How important are the following facilities to you at this regional park/greenway?

- The most important facilities for survey respondents were trails, parking and garbage cans/recycling, followed closely by waterfront/beaches.

Question 3: How would you rate your satisfaction with the facilities in this regional park/greenway?

- All facilities were rated as higher than neutral satisfaction with trails and swimming areas topping the list.

See the figure below for the complete breakdown of the data.

The bar chart below compares question 2: ‘The importance of park facilities’ to question 3: ‘Users satisfaction with these same facilities.’

![Belcarra Facilities Bar Chart](image-url)
Question 4: Indicate why you visit this regional park/greenway? (n=194)

- The most popular reasons for visiting the park was doing an activity as a family (68%) followed closely by easy access to home or work (63%).
- The next most popular reasons for visiting the park were for general exercise (55%) and to experience solitude (41%).

![Figure 3: Reasons for Visit](image1)

Question 5: How did you get to this regional park/greenway today? (n=194)

- Most visitors to Belcarra Regional Park arrived via car (90%). The remaining respondents arrived by bike (10%) and by foot (4%).

![Figure 4: Transportation Mode](image2)
Question 6: How frequently do you visit this regional park/greenway? (n=195)

- 23% of survey respondents visit less than once every two months;
- 12% of respondents visit the park about once every two months; and
- 24% of respondents visit the park more than once a week.

Question 7: Do you feel safe in this park/greenway? (n=193)

- 99% of respondents feel safe in this regional park.

Question 8: Do you feel this park/greenway is too crowded? (n=190)

- 41% of respondents feel this regional park is too crowded; the highest response to this question in the region.
Question 9a: What is your postal code? (n=181)
The largest group of responses (57%) came from the Northeast sub-region (Port Moody/Coquitlam/Port Coquitlam). To see the visitor response data for this regional park broken down by municipal origin, see Appendix D.

**Question 9b: What is your country of birth? (n=188)**

- 73% of respondents were born in Canada
- The next most significant groups included:
  - UK (5%);  
  - East Asia (7%); and  
  - Other (3%).
Question 9c: What is your employment status? (n=177)

- 63% of survey respondents were employed - full time, followed by retired (11%), employed - part time (12%), and students (9%).
- 0% of respondents stated that they were unemployed.

Question 9e: What gender are you? (n=189)

- 55% of respondents who completed the survey were female, compared to 45% male.
Question 9f: What year were you born? (n=175)

- The largest age group that responded to the survey was the 41-60 demographic with 35% of the respondents.
- 19% of respondents fell into the under 24 and 13% for the over 60 age group.

Sample size

The number of survey responses received at Belcarra Regional Park result in an accuracy to ±7%, 95 times out of 100.
BOUNDARY BAY REGIONAL PARK

INTRODUCTION:

Established in 1991, Boundary Bay Regional Park is located on the shores of Boundary Bay. It includes 174 hectares of parkland principally lying in the Corporation of Delta, with the eastern part of the Boundary Bay Dyke within the City of Surrey. The park includes Centennial Beach Day-Use Area, Delta Heritage Airpark, Cammidge House, several wildlife reserves, and the Boundary Bay Dyke Trail. With 6 kilometers of park trail and 16 kilometers of dyke trail, the park offers varied recreational opportunities for walkers, cyclists, beach goers and horse riders.

RESULTS PROFILE BY SURVEY QUESTION NUMBER:

Question 1: Please indicate the primary activities that you do at this regional park/greenway. (n=244)

- Walking (74%) was found to be the most popular activity.
- Cycling (53%) and wildlife/nature viewing (43%) were the most significant other primary activities.
- Other notable activities include swimming (33%), picnicking (27%), jogging (21%) and mountain biking (20%).
Question 2: How important are the following facilities to you at this regional park/greenway?

- The most important facilities for survey respondents were found to be garbage/recycling, trails, washrooms, waterfront/beaches and parking.
- Interestingly, the food concession was rated as only slightly important.

Question 3: How would you rate your satisfaction with the facilities in this regional park/greenway?

- All facilities were rated well above neutral in the somewhat satisfied to very satisfied range.

See the figure below for the complete breakdown of the data.

The bar chart below compares question 2: ‘The importance of park facilities’ to question 3: ‘Users satisfaction with these same facilities.’


**Question 4: Indicate why you visit this regional park/greenway? (n=234)**

![Figure 3: Reasons for Visit](image)

- Access (83%) and exercise (74%) were the two most popular reasons for visiting Boundary Bay Regional Park.
- The next most popular reasons were to visit the park as a family (62%) and for solitude (54%).
- Facilities are a draw for people to visit the park (36%), but only 12% of respondents noted that they visited the park for a sense of adventure.

**Question 5: How did you get to this regional park/greenway today? (n=236)**

![Figure 4: Transportation Mode](image)

- Most visitors to Boundary Bay Regional Park arrived via car (64%). The remaining respondents arrived by bike (26%) and by foot (20%).
Question 6: How frequently do you visit this regional park/greenway? (n=233)

- 41% of respondents visit the park more than once a week;
- 12% of respondents visit the park about once a week; and
- 18% of survey respondents visit 2-3 times a month.

Question 7: Do you feel safe in this park/greenway? (n=234)

- 97% of respondents feel safe in Boundary Bay Regional Park.

Question 8: Do you feel this park/greenway is too crowded? (n=229)

- 9% of respondents feel that this regional park is too crowded.
Question 9a: What is your postal code? (n=222)
The majority of responses (76%) came from the South Shore sub-region (Surrey/Delta/White Rock). To see the visitor response data for this regional park broken down by municipal origin, see Appendix D.

Question 9b: What is your country of birth? (n=235)

- 74% of respondents were born in Canada.
- The next most significant groups included the UK (7%), Mainland Europe (7%) and East Asia (3%).
Question 9c: What is your employment status? (n=229)

- 47% of survey respondents were employed - full time, followed by retired (32%), employed - part time (12%), and homemakers (6%).
- 1% of respondents stated that they were unemployed.

Question 9e: What gender are you? (n=235)

- 57% of respondents who completed the survey were female, compared to 43% of male.
Question 9f: What year were you born? (n=214)

The largest group that responded to the survey was within the 41-60 age group at 48%. This was followed by survey respondents in the over 60 age group (31%).

The smallest age groupings were the 25-40 category with (10%) and the under 24’s (11%).

Sample size
The survey responses received at Boundary Bay Regional Park are accurate to ±6.27%, 95 times out of 100.
BRAE ISLAND REGIONAL PARK

INTRODUCTION:

Established in 1996, Brae Island Regional Park is a 68 hectare site located on the western portion of Brae Island in the Township of Langley. It is situated on Bedford Channel in the Fraser River across from historic Fort Langley Village and includes a campground and day use area that is popular for walking, cycling and beach access.

RESULTS PROFILE BY SURVEY QUESTION NUMBER:

Question 1: Please indicate the primary activities that you do at this regional park/greenway. (n=118)

- Walking (83%) was found to be the most popular activity.
- The most significant other primary activities include swimming (48%) and wildlife/nature viewing (43%).
- Other notable activities include picnicking (34%), cycling (36%) and jogging (28%).
Question 2: How important are the following facilities to you at this regional park/greenway?

- The most important facility for was found to be trails, followed by garbage cans/recycling, washrooms and waterfront/beaches and parking.
- Parking, maps/marked trail information, picnic areas and the campground were also quite important to respondents.

Question 3: How would you rate your satisfaction with the facilities in this regional park/greenway?

- All facilities were rated neutral or above.
- Water fountains were rated the lowest in satisfaction by comparison but still neutral.

See the figure below for the complete breakdown of the data.

The bar chart below compares question 2: ‘The importance of park facilities’ to question 3: ‘Users satisfaction with these same facilities.’
Question 4: Indicate why you visit this regional park/greenway? (n=113)

- Access (78%) and visiting the park as a family (61%) were the two most popular reasons for visiting Brae Island Regional Park.
- The next most popular reasons were to visit the park were for exercise (57%) and for solitude (48%).
- Facilities are a key draw for people to visit the park (29%), but only 15% of respondents noted that they visited the park for a sense of adventure.

Question 5: How did you get to this regional park/greenway today? (n=113)

- Most visitors to Brae Island Regional Park arrived via car (70%). The majority of remaining respondents arrived by bike (16%) and by foot (14%).
Question 6: How frequently do you visit this regional park/greenway? (n=112)

- 33% of respondents visit the park more than once a week;
- 14% of respondents visit the park about once a week; and
- 33% of respondents visit the park less than once every two months.

**Figure 5: Visit Frequency**

Question 7: Do you feel safe in this park/greenway? (n=114)

- 100% of respondents feel safe in this regional park.

Question 8: Do you feel this park/greenway is too crowded? (n=113)

- 2% of respondents feel this regional park is too crowded.
Question 9a: What is your postal code? (n=106)
The majority of responses (65%) came from the Fraser Valley sub-region (Township and City of Langley/Abbotsford). To see the visitor response data for this regional park broken down by municipal origin, see Appendix D.

**Question 9b: What is your country of birth? (n=112)**

- 75% of respondents were born in Canada.
- The other respondents originated from many other parts of the world with Mainland Europe (4%) and Central Asia/Middle East (4%) being the most notable.
Question 9c: What is your employment status? (n=110)

55% of survey respondents were employed - full time, followed by retired (18%), employed - part time (15%), and homemakers (5%).

2% of respondents stated that they were unemployed.

Question 9e: What gender are you? (n=113)

58% of respondents who completed the survey were female, compared with 42% male.
Question 9f: What year were you born? (n=105)

![Pie chart showing age distribution]

- The largest age group that responded to the survey was within the 41-60 age group at 43%, followed by survey respondents in the 25-40 category with 29%.
- 21% of respondents were in the over 60 age group.
- Only 7% of respondents were in the under 24 age group.

**Sample size**

The survey responses received at Brae Island Regional Park are accurate ±9.02%, 95 times out of 100.
THE BRUNETTE FRASER RIVER REGIONAL GREENWAY

INTRODUCTION:

Established in 2001, the Brunette Fraser Regional Greenway is planned as a 16 kilometers urban trail connecting Burnaby Mountain to the Fraser River with a terminus at the New Westminster Quay. The greenway currently terminates at Sapperton Landing, providing access to the Fraser River. As part of the Central Valley Greenway and Burnaby Urban Trail system, it passes through approximately 10 hectares of natural and urban landscapes in Burnaby and New Westminster and provides cycling, walking and wildlife viewing opportunities.

RESULTS PROFILE BY SURVEY QUESTION NUMBER:

Question 1: Please indicate the primary activities that you do at this regional park/greenway. (n=86)

Walking was found to be the most popular activity with 83% of respondents stating that they took part.

Other significant primary activities included:

- Wildlife/nature viewing (41%);
- Jogging (27%);
- Cycling (30%); and
- Fishing (15%).
Question 2: How important are the following facilities to you at this regional park/greenway?

- The most important facility for survey respondents was found to be trails, followed by garbage cans/recycling and maps/marked trail information.
- Interpretive/educational signage, seating, waterfront, parking, and picnic areas were less important to respondents.

Question 3: How would you rate your satisfaction with the facilities in this regional park/greenway?

- All facilities were rated as neutral or above with trails rated the highest in satisfaction.

See the figure below for the complete breakdown of the data.

The bar chart below compares question 2: ‘The importance of park facilities’ to question 3: ‘Users satisfaction with these same facilities.’

![Figure 2: Importance and Satisfaction Analysis Bar Chart (Question 2 and 3)](chart.png)
Question 4: Indicate why you visit this regional park/greenway? (n=83)

- Access (87%) and exercise (72%) were the two most popular reasons for visiting The Brunette Fraser River Regional Greenway.
- The next most popular reason to visit the greenway was for solitude (53%) and to visit as a family (43%).
- Only 5% of visitors use this greenway for commuting.

Question 5: How did you get to this regional park/greenway today? (n=83)

- Most visitors to the greenway arrived on foot (59%) and by car (35%). The majority of remaining respondents arrived by and by bike (18%).
Question 6: How frequently do you visit this regional park/greenway? (n=82)

- 65% of respondents visit the greenway more than once a week;
- 7% of respondents visit the greenway about once a week; and
- 11% of respondents visit the greenway less than once every two months.

Question 7: Do you feel safe in this park/greenway? (n=80)

- 98% of respondents feel safe in this Regional Greenway.

Question 8: Do you feel this park/greenway is too crowded? (n=83)

- 1% of respondents feel this Regional Greenway is too crowded.
Question 9a: What is your postal code? (n=76)

Survey Responses by Postal Code: Brunette-Fraser Regional Greenway (n = 68)
The majority of responses (79%) came from the Burrard Peninsula (Vancouver/Burnaby/Richmond/New Westminster/UEL/UBC). To see the visitor response data for this regional park broken down by municipal origin, see Appendix D.

Question 9b: What is your country of birth? (n=81)

- 76% of respondents were born in Canada.
- People born in the UK (5%) and those born in East Asia (5%) also formed significant groups visiting the greenway.
Question 9c: What is your employment status? (n=79)

- 54% of survey respondents were employed - full time, followed by retired (28%), employed - part time (8%), and homemakers (1%).
- Notably 5% of respondents stated that they were unemployed.
Question 9e: What gender are you? (n=82)

- 51% female and 49% male responded.

Question 9f: What year were you born? (n=82)

- The largest age group that responded to the survey was within the 41-60 age group with 46%, followed respondents in the over 60 age group with 26%.
- Only 9% of respondents were in the under 24 age group.

Sample size

The survey responses received at Brunette Fraser Greenway are accurate to $\pm 10.56\%$, 95 times out of 100.
BURNABY LAKE REGIONAL PARK

Introduction:

Established in 1979, Burnaby Lake Regional Park is located in the heart of Burnaby and covers 140 hectares. The park provides an oasis in the middle of a highly urbanized area and is accessible by the Skytrain transit system and the Central Valley Greenway. It protects a variety of terrestrial, open water and wetland habitats and the numerous wildlife species that depend upon them, especially migratory birds and waterfowl. It offers visitors opportunities for passive recreation with a popular 10 kilometers pedestrian circuit around the lake. Burnaby Lake Nature House operates between May (Victoria Day) and September (Labour Day) on weekends.

Results profile by survey question number:

Question 1: Please indicate the primary activities that you do at this regional park/greenway. (n=107)

- Walking was found to be the most popular activity with 84% of respondents stating that they take part.
- Other significant primary activities included:
  - Wildlife/nature viewing (40%); and
  - Jogging (39%).
- Comparatively low levels of participation were recorded for the remaining other identified actives.
Question 2: How important are the following facilities to you at this regional park/greenway?
  - The most important facility for survey respondents was found to be trails, followed by maps/marked trail information, garbage cans/recycling, parking and washrooms.
  - Interpretive/educational signage were also quite important to respondents.

Question 3: How would you rate your satisfaction with the facilities in this regional park/greenway?
  - All facilities that were rated above neutral in satisfaction.

See the figure below for the complete breakdown of the data.

Figure 2: Importance and Satisfaction Analysis Bar Chart (Question 2 and 3)
Question 4: Indicate why you visit this regional park/greenway? (n=103)

![Figure 3: Reasons for Visit]

- Access (85%) and exercise (82%) were the two most popular reasons given for visiting Burnaby Lake Regional Park.
- The next most popular reason to visit the park was for solitude (63%) and to visit as a family (42%).
- Facilities are a key draw for people to visit the greenway (34%).
- Only 12% of respondents stated that they visited the park for a sense of adventure.

Question 5: How did you get to this regional park/greenway today? (n=104)

![Figure 4: Transportation Mode]

- Most visitors to the greenway arrived by car (68%) and on foot (22%).
- The majority of remaining respondents arrived by bike (12%).
Question 6: How frequently do you visit this regional park/greenway? (n=103)

- 60% of respondents visit the greenway more than once a week;
- 15% of respondents visit the greenway about once a week; and
- 12% of respondents visit the park between two and three times a month.

Question 7: Do you feel safe in this regional park/greenway? (n=98)
- 98% of respondents feel safe in this regional park.

Question 8: Do you feel this regional park/greenway is too crowded? (n=102)
- 6% of respondents feel this regional park is too crowded.
Question 9a: What is your postal code? (n=96)
The majority of responses (77%) came from the Burrard Peninsula (Vancouver/Burnaby/Richmond/New Westminster/UEL/UBC). To see the visitor response data for this regional park broken down by municipal origin, see Appendix D.

**Question 9b: What is your country of birth? (n=105).**

- 74% of respondents were born in Canada.
- People born in the UK (4%) and those born in Mainland Europe (5%) formed the next largest groups visiting the park.
Question 9c: What is your employment status? (n=97)

- 54% of survey respondents were employed - full time, followed by retired (27%), employed - part time (10%), and homemakers (6%).

Question 9e: What gender are you? (n=105)

- 56% of respondents who completed the survey were female, compared with 44% of male.
Question 9f: What year were you born? (n=103)

Figure 10: Age

- The largest age group that responded to the survey was within the 41-60 age group with 36%, followed by respondents in the over 60 age group (24%) and the 25-40 age group, each with 25%.
- Only 15% of respondents were in the under 24 age group.

Sample size

The survey responses received at Burnaby Lake Regional Park are accurate ±9.47%, 95 times out of 100
CAMPBELL VALLEY REGIONAL PARK

Introduction:

Established in 1969, Campbell Valley Regional Park is located in the Township of Langley and comprises 543 hectares of natural and rural Fraser Valley landscape. It includes a diversity of landscapes, cultural, and heritage features. The park has an extensive trail system and is a popular destination for dog walking, wildlife viewing, cycling, and picnicking. It also has an extremely popular equestrian trail, riding ring, cross country course and other facilities for horseback riding.

Results profile by survey question number:

Question 1: Please indicate the primary activities that you do at this regional park/greenway. (n=77)

- 87% of respondents participated in walking.
- Other significant primary activities included:
  - Wildlife/Nature viewing (57%);
  - Horseback riding (25%); and
  - Jogging (19%).
- Relatively low levels of participation were recorded for the range of other of activities identified.
Question 2: How important are the following facilities to you at this regional park/greenway?

- The most important facility for survey respondents was found to be trails, followed by garbage cans/recycling, parking and maps/marked trail information.
- Washrooms and dog off-leash areas were also quite important to respondents.

Question 3: How would you rate your satisfaction with the facilities in this regional park/greenway?

- All facilities in this park were rated by respondents as neutral to very satisfied.

See the figure below for the complete breakdown of the data.

The bar chart below compares question 2: ‘The importance of park facilities’ to question 3: ‘Users satisfaction with these same facilities.’

![Figure 2: Importance and Satisfaction Analysis Bar Chart (Question 2 and 3)](image-url)
Question 4: Indicate why you visit this regional park/greenway? (n=77)

- Access (77%) and exercise (73%) were the two most popular reasons given for visiting Campbell Valley Regional Park.
- The next most popular reasons to visit the park was for solitude (56%) and to visit as a family (45%).
- Facilities are also a key draw for people to visit the park (39%).
- Only 10% of respondents stated that they visited the park for a sense of adventure.

Question 5: How did you get to this regional park/greenway today? (n=76)

- Most visitors to the greenway arrived by car (83%).
- Only 5% of participants arrived on foot.
Question 6: How frequently do you visit this regional park/greenway? (n=76)

- 40% of respondents visit the greenway more than once a week;
- 17% of respondents visit the greenway about once a week; and
- 14% of respondents visit the park between two and three times a month

Question 7: Do you feel safe in this park/greenway? (n=75)

- 95% of respondents feel safe in this regional park.

Question 8: Do you feel this park/greenway is too crowded? (n=76)

- 3% of respondents feel this regional park is too crowded.
Question 9a: What is your postal code? (n=70)
The majority of responses (44%) came from the South Shore sub-region (Surrey /Delta/White Rock). To see the visitor response data for this regional park broken down by municipal origin, see Appendix D.

Question 9b: What is your country of birth? (n=72)

- 71% of respondents were born in Canada.
- The proportion of people born in the UK (14%) formed a significant group visiting the park, as did those born in Mainland Europe (6%) and USA at (4%).
Question 9c: What is your employment status? (n=69)

- 55% of survey respondents were employed - full time, followed by
  - retired (31%);
  - employed - part time (10%); and
  - homemakers (4%).

Question 9e: What gender are you? (n=74)

- 64% of respondents who completed the survey were female, compared with only 36% of male.
Question 9f: What year were you born? (n=71)

- The largest age group that responded to the survey was within the 41-60 age group with 52%, followed by respondents in the over 60 age group (31%) and the 25-40 age group, each with 13%.
- Only 4% of respondents were in the under 24 age group.

Sample size
The survey responses received at Campbell Valley Regional Park are accurate ±11.17%, 95 times out of 100.
CAPILANO RIVER REGIONAL PARK

Introduction:

Established in 1978, Capilano River Regional Park is composed of 151 hectares of parkland in the Districts of North Vancouver and West Vancouver. It is characterized by riparian and canyon landscapes with a steep forested valley and numerous tributaries. The park offers a 26 kilometers scenic trail network for walking and hiking. Day-use facilities are available in the Cleveland Dam Area and the Capilano Hatchery Area. Camp Capilano offers day-use space and over-night accommodation by reservation for groups, in a forested landscape near the park’s core.

Results profile by survey question number:

Question 1: Please indicate the primary activities that you do at this regional park/greenway. (n=131)

- Walking is the primary activity that respondents participated in (90%).
- Other significant activities included:
  - Wildlife/nature viewing (32%); and
  - Jogging (31%).
- Relatively low levels of participation were recorded for the range of other of activities identified.

![Figure 1: Primary Activities](chart)
Question 2: How important are the following facilities to you at this regional park/greenway?

- The most important facility for survey respondents was found to be trails, followed by maps/marked trail information and garbage cans/recycling.

Question 3: How would you rate your satisfaction with the facilities in this regional park/greenway?

- All facilities were rated high on the satisfaction scale.

See the figure below for the complete breakdown of the data.

The bar chart below compares question 2: ‘The importance of park facilities’ to question 3: ‘Users satisfaction with these same facilities.’
Question 4: Indicate why you visit this regional park/greenway? (n=127)

- 78% of participants confirmed that access was a primary reason to visit the park, followed by
  - exercise (71%);
  - family recreation activities (62%); and
  - solitude (52%).
- Facilities are a key draw for people to visit the park (32%).
- 25% of respondents stated that they visited the park for a sense of adventure.

Question 5: How did you get to this regional park/greenway today? (n=127)

- 71% of visitors to the park arrived by car and 28% arrived on foot.
- Only 7% of participants arrived on transit which is surprising considering that this park is relatively well serviced by transit.
- 7% of participants arrived by bike.
Question 6: How frequently do you visit this regional park/greenway? (n=126)

- 33% of respondents visit the greenway more than once a week;
- 20% of respondents visited the park less than two or three times a month;
- 16% of respondents visit the greenway about once a week; and
- 15% of respondents visit the park between two and three times a month.

Question 7: Do you feel safe in this park/greenway? (n=127)

- 98% of respondents feel safe in this regional park.

Question 8: Do you feel this park/greenway is too crowded? (n=124)

- 3% of respondents feel this regional park is too crowded.
Question 9a: What is your postal code? (n=121)

Metro Vancouver Regional Park and Greenway Visitor Survey 2013
Survey Responses by Postal Code: Capilano River Regional Park (n = 115)

Legend
- Capilano River Responses by Postal Code
- Capilano River Regional Park
- Metro Vancouver Boundary
- MV Parks Service Boundary Extension

*NOTE: The City of Abbotsford is a member of Metro Vancouver with respect to regional park function only.
The majority of responses (59%) came from the North Shore (West Vancouver/City of North Vancouver/District of North Vancouver/Bowen Island). To see the visitor response data for this regional park broken down by municipal origin, see Appendix D.

Question 9b: What is your country of birth? (n=128)

- Only 59% of respondents were born in Canada.
- The proportion of people born in the UK (10%) formed a significant group visiting the park, as did those born in East Asia (8%).
Question 9c: What is your employment status? (n=126)

- 60% of survey respondents were employed - full time, followed by
  - employed - part time (17%);
  - retired (14%); and
  - homemakers (3%).

Question 9e: What gender are you? (n=128)

- 55% of respondents who completed the survey were female, compared with 45% being male.
Question 9f: What year were you born? (n=128)

The largest age group that responded to the survey was within the 41-60 age group with 52%, followed by respondents in the 25-40 age group (25%) and the over 60 age group (17%).

Only 6% of respondents were in the under 24 age group.

Sample size

The survey responses received at Capilano River Regional Park are accurate ±8.56%, 95 times out of 100.
COLONY FARM REGIONAL PARK

Introduction:

Established in 1996, Colony Farm Regional Park is a 122 hectare site straddling the municipalities of Coquitlam and Port Coquitlam. It contains old field, mixed forest and, riparian landscapes along with constructed freshwater ponds, channels and ditches located on either side of the Coquitlam River. Centrally located in the region, Colony Farm allows visitors the opportunity to experience the agriculture, recreation, and wildlife. It is adjacent to the Coquitlam River Wildlife Management Area, and the Fraser River. The park provides connections to adjacent neighbourhoods through the Traboulay PoCo trail. It is also home to a community garden, has over 8 kilometers of dyke trails and is an important site for bird watching.

Results profile by survey question number:

Question 1: Please indicate the primary activities that you do at this regional park/greenway. (n=113)

76% of respondents confirmed that the primary activity in the park was walking.

Other significant activities included:

- Cycling (50%);
- Wildlife/nature viewing (39%); and
- Jogging (26%).
Metro Vancouver Regional Park Visitor Survey. Colony Farm Regional Park

Question 2: How important are the following facilities to you at this regional park/greenway?

- The most important facility for survey respondents was found to be trails, followed by maps/marked trail information and garbage cans/recycling.
- Washrooms, parking and interpretive/educational signage were also quite important to respondents.

Question 3: How would you rate your satisfaction with the facilities in this regional park/greenway?

- All facilities were rated as satisfactory.

See the figure below for the complete breakdown of the data.

The bar chart below compares question 2: ‘The importance of park facilities’ to question 3: ‘Users satisfaction with these same facilities.’

Figure 2: Importance-Performance Analysis Scatter Plot (Question 2 and 3)
Question 4: Indicate why you visit this regional park/greenway? (n=111)

- 80% of participants confirmed that access was a primary reason to visit the park, followed by
  - exercise (71%);  
  - family recreation activities (45%); and  
  - solitude (45%).

Question 5: How did you get to this regional park/greenway today? (n=111)

- 61% of visitors to the park arrived by car
- 31% arrived by bike
- 23% arrived on foot
Question 6: How frequently do you visit this regional park/greenway? (n=111)

- 54% of respondents visit the park more than once a week;
- 20% of respondents visit the park about once a week;
- 10% of respondents visit the park between two and three times a month; and
- 10% of respondents visited the park less than two or three times a month.

Question 7: Do you feel safe in this park/greenway? (n=106)

- 95% of respondents feel safe in this regional park.

Question 8: Do you feel this park/greenway is too crowded? (n=111)

- 5% of respondents feel the regional park is too crowded.
Question 9a: What is your postal code? (n=103)
Figure 6: Responses by Metro Vancouver Parks Planning Sub-region

- The majority of responses (81%) came from the Northeast sub-region (Port Moody/Coquitlam/Port Coquitlam). To see the visitor response data for this regional park broken down by municipal origin, see Appendix D.

Question 9b: What is your country of birth? (n=106)

- 75% of respondents were born in Canada.
- The proportion of people born in East Asia (6%) and ‘Other’ (6%) formed the next largest groups.
Question 9c: What is your employment status? (n=103)

- 58% of survey respondents were employed - full time, followed by
  - retired (24%); and
  - employed - part time (7%).
- Notably, 7% of respondents were unemployed.

Question 9e: What gender are you? (n=105)

- 58% of respondents who completed the survey were male, compared with 42% being female.
Question 9f: What year were you born? (n=97)

- 44% of respondents were in the 41-60 age group and this group formed the largest proportion of respondents.
- The over 60’s age groups was the next largest group with 28%.
- Only 15% of respondents were in the under 24 age group.

**Sample size**

The survey responses received at Colony Farm Regional Park are accurate ±9.22%, 95 times out of 100.
CRIPKEN REGIONAL PARK

Introduction:

Established in 1983, Crippen Regional Park is composed of 221 hectares of parkland located on Bowen Island in the Strait of Georgia and is accessed by ferry from West Vancouver. It is characterized by a lowland coniferous forest landscape with Killarney Lake, several creeks, grassy meadows and a lagoon and causeway on Howe Sound. The park’s 13 kilometers of trails offer walkers and horseback riders varied settings for their outdoor recreation pursuits. Significant group picnic facilities for varying scales of events; heritage buildings; and lakeside day use facilities are available.

Results profile by survey question number:

Question 1: Please indicate the primary activities that you do at this regional park/greenway. (n=137)

92% of respondents confirmed that the primary activity in the park was walking;

Other significant activities included:

- Wildlife/nature viewing (45%); and
- Jogging (41%).

Figure 1: Primary Activities
Question 2: How important are the following facilities to you at this regional park/greenway?

- The most important facility for survey respondents was found to be trails, followed by maps/marked trail information and garbage cans/recycling.
- Washrooms and dog off-leash areas were also important to respondents.
- BBQ areas were least important.

Question 3: How would you rate your satisfaction with the facilities in this regional park/greenway?

- All facilities were rated as satisfactory with trails being the highest.

See the figure below for the complete breakdown of the data.

The bar chart below compares question 2: ‘The importance of park facilities’ to question 3: ‘Users satisfaction with these same facilities.’
Question 4: Indicate why you visit this regional park/greenway? (n=132)

- 75% of participants confirmed that exercise was the primary reason to visit the park, followed by
  - access (70%);
  - family recreation activities (66%); and
  - solitude (58%).

Question 5: How did you get to this regional park/greenway today? (n=132)

- 58% of visitors to the park arrived by car.
- 30% arrived by foot.
Question 6: How frequently do you visit this regional park/greenway? (n=133)

- 47% of respondents visit the park more than once a week;
- 11% of respondents visit the park about once a week; and
- 30% of respondents visit the park less than two or three times a month.

Question 7: Do you feel safe in this park/greenway? (n=130)

- 98% of respondents feel safe in this regional park.

Question 8: Do you feel this park/greenway is too crowded? (n=131)

- 1% of respondents feel this regional park is too crowded.
Question 9a: What is your postal code? (n=127)
The majority of responses (64%) came from the North Shore (West Vancouver/City of North Vancouver/District of North Vancouver/Bowen Island), followed closely by the Burrard Peninsula at 45%. To see the visitor response data for this regional park broken down by municipal origin, see Appendix D.

Question 9b: What is your country of birth? (n=131)

- Only 59% of respondents were born in Canada.
- The proportion of people born in the UK (14%) formed a significant group visiting the park, as did those born in the USA (7%).
Question 9c: What is your employment status? (n=117)

- 57% of survey respondents were employed - full time, followed by
  - retired (20%); and
  - employed - part time (12%).

Question 9e: What gender are you? (n=133)

- 64% of respondents who completed the survey were female, compared with only 36% being male.
Question 9f: What year were you born? (n=127)

- 52% of respondents in the 41-60 age group formed the largest proportion of respondents.
- The over 60’s age groups was the next largest group with 24%.
- Only 4% of respondents were in the under 24 age group.

Sample size
The survey responses received at Crippen Regional Park are accurate to ±8.37%, 95 times out of 100.
DEAS ISLAND REGIONAL PARK

Introduction:

Established in 1981, Deas Island Regional Park is composed of 91 hectares of parkland located on a Fraser River island in the Corporation of Delta. A causeway connecting the upstream end of the island to the mainland was built in the 1960’s, forming Deas Slough, now home to rowing and canoeing clubs. The park’s five kilometers of trails offer varied recreation and education experiences in a range of settings for walkers, horseback riders, and heritage appreciation. Opportunities for group picnicking and group camping are also available.

Results profile by survey question number:

Question 1: Please indicate the primary activities that you do at this regional park/greenway. (n=88)

- 67% of respondents confirmed that the primary activity in the park was walking;
- Other significant activities included:
  - Picnicking (42%);
  - Boating (32%); and
  - Wildlife/nature viewing (27%).
Question 2: How important are the following facilities to you at this regional park/greenway?

- The most important facility for survey respondents was found to be trails, followed by washrooms and garbage cans/recycling.

Question 3: How would you rate your satisfaction with the facilities in this regional park/greenway?

- All facilities were rated as satisfactory.

See the figure below for the complete breakdown of the data.

The bar chart below compares question 2: ‘The importance of park facilities’ to question 3: ‘Users satisfaction with these same facilities.’

Figure 2: Importance and Satisfaction Analysis Bar Chart (Question 2 and 3)
Question 4: Indicate why you visit this regional park/greenway? (n=83)

- 67% of participants confirmed that access was the primary reason to visit the park, followed by
  - exercise (58%);
  - family recreation activities (49%);
  - solitude (45%); and
  - facilities (40%).

Question 5: How did you get to this regional park/greenway today? (n=83)

- 92% of visitors to the park arrived by car.
Question 6: How frequently do you visit this regional park/greenway? (n=83)

- 41% of respondents visit the park more than once a week;
- 25% of respondents visit the park less than two or three times a month; and
- 14% of respondents visit the park two to three times a month.

Question 7: Do you feel safe in this park/greenway? (n=80)

- 98% of respondents feel safe in this regional park.

Question 8: Do you feel this park/greenway is too crowded? (n=82)

- 4% of respondents feel this regional park is too crowded.
Metro Vancouver Regional Park Visitor Survey, Deas Island Regional Park

Question 9a: What is your postal code? (n=81)

Legend
- Deas Island Responses by Postal Code
- Deas Island
- Metro Vancouver Boundary
- MV Parks Service Boundary Extension*

*NOTE: The City of Abbotsford is a member of Metro Vancouver with respect to regional park function only.
The largest group of responses (58%) came from the South Shore sub-region (Surrey/Delta/White Rock). To see the visitor response data for this regional park broken down by municipal origin, see Appendix D.

Question 9b: What is your country of birth? (n=84).

- 70% of respondents were born in Canada.
- The proportion of people born in the UK (6%), Mainland Europe (6%) and East Asia (7%) formed the next largest groups visiting the park.
Question 9c: What is your employment status? (n=81)

- 56% of survey respondents were employed - full time, followed by
  - retired (18%); and
  - employed - part time (7%).
- The number of students and unemployed formed an unusually large proportion of respondents compared with other parks in this survey.

Question 9e: What gender are you? (n=85)

- 60% of respondents who completed the survey were male, compared with only 40% being female.
Question 9f: What year were you born? (n=79)

Figure 10: Age

- 42% of respondents in the 41-60 age group formed the largest proportion of respondents.
- The proportion of respondents in each age group was more equal compared with other parks in this survey.

Sample size

The survey responses received at Deas Island Regional Park are accurate to ±10.45%, 95 times out of 100.
DELTA SOUTH SURREY REGIONAL GREENWAY

Introduction:

Established in 2010 straddling the Corporation of Delta and City of Surrey, the concept for the Delta South Surrey Greenway envisions a multi-use trail linking the Boundary Bay Dyke at Mud Bay with the Fraser River, the Alex Fraser Bridge and Annacis Island. Currently consisting of approximately 27 hectares of land, it follows the existing regional utility corridor (South Surrey Interceptor) service road. This corridor accommodates the BNSF railway, underground utilities and creeks. Currently, the greenway is operational between Mud Bay and 64th Avenue, accommodating walkers and cyclists. Horseback riders enjoy parts of the trail.

Results profile by survey question number:

Question 1: Please indicate the primary activities that you do at this regional park/greenway. (n=52)

- 73% of respondents confirmed that the primary activity in the park was walking;
- Other significant activities included:
  - Cycling (56%);
  - Jogging (52%); and
  - Mountain biking (40%).
Question 2: How important are the following facilities to you at this regional park/greenway?

- The most important facility for survey respondents was found to be trails, followed by garbage cans/recycling.
- Washrooms, parking and waterfront/beaches were not as important to respondents.

Question 3: How would you rate your satisfaction with the facilities in this regional park/greenway?

- All facilities were rated neutral or above in satisfaction.

See the figure below for the complete breakdown of the data.

The bar chart below compares question 2: 'The importance of park facilities' to question 3: 'Users satisfaction with these same facilities.'
Question 4: Indicate why you visit this regional park/greenway? (n=51)

- 82% of participants confirmed that access was the primary reason to visit the park, followed by
  - exercise (80%);
  - family recreation activities (55%); and
  - solitude (55%).
- Of note are the number of respondents (12%) who confirmed that they commuted through the park.

Question 5: How did you get to this regional park/greenway today? (n=51)

- The primary method of transport to the greenway was by bike (49%) with a significant proportion of respondents visiting on foot (31%).
- Only 33% of respondents drove to the greenway.
Question 6: How frequently do you visit this regional park/greenway? (n=50)

- 54% of respondents visit the park more than once a week;
- 26% of respondents visit the park about once a week; and
- 10% of respondents visit the park between two to three times a month.

Question 7: Do you feel safe in this park/greenway? (n=50)

- 98% of respondents feel safe in this Regional Greenway.

Question 8: Do you feel this park/greenway is too crowded? (n=50)

- 0% of respondents feel this Regional Greenway is too crowded.
Question 9a: What is your postal code? (n=59)

Metro Vancouver Regional Park and Greenway Visitor Survey 2013

Survey Responses by Postal Code: Delta South Surrey Regional Greenway (n = 47)
The largest group of responses (80%) came from the South Shore Sub-region (Surrey/Delta/White Rock). To see the visitor response data for this regional park broken down by municipal origin, see Appendix D.

Question 9b: What is your country of birth? (n=49)

- 74% of respondents were born in Canada.
- The proportion of people born in the USA (8%), Central Asia/Middle East (6%), and East Asia (4%) formed the next largest groups visiting the park.
Question 9c: What is your employment status? (n=49)

- 78% of survey respondents were employed - full time, followed by
  - employed - part time (10%); and
  - retired (6%).

Question 9e: What gender are you? (n=51)

- 69% of respondents who completed the survey were male, compared with only 31% being female.
Question 9f: What year were you born? (n=47)

- The largest proportion of respondents was in the 41-60 age group (73%).
- There were no respondents in the under 24 age group.

**Sample size**

The survey responses received at Delta South Surrey Regional Greenway are accurate to ±13.58%, 95 times out of 100.
DERBY REACH REGIONAL PARK

Introduction:

Established in 1972, Derby Reach Regional Park is 311 hectares of Fraser River riparian, bog, forested uplands and other habitats located in the Township of Langley on the south shore of the river near Fort Langley. The park’s diverse habitats, rich history, trail network, riverside location, facilities, and proximity to other parks, cultural amenities and community trails make it a popular destination for hiking, cycling, camping, fishing, nature study, dog play and events.

Results profile by survey question number:

Question 1: Please indicate the primary activities that you do at this regional park/greenway. (n=117)

- 83% of respondents confirmed that the primary activity in the park was walking;
- Other significant activities included:
  - Wildlife/nature viewing (40%);
  - Picnicking (30%); and
  - Jogging (27%).
**Question 2:** How important are the following facilities to you at this regional park/greenway?

- The most important facility for survey respondents was found to be trails, followed by garbage cans/recycling, parking and maps/marked trail information.

**Question 3:** How would you rate your satisfaction with the facilities in this regional park/greenway?

- All facilities were rated as more than satisfactory.

See the figure below for the complete breakdown of the data.

The bar chart below compares question 2: ‘The importance of park facilities’ to question 3: ‘Users satisfaction with these same facilities.’

![Bar Chart](image-url)  
*Figure 2: Importance and Satisfaction Analysis Bar Chart (Question 2 and 3)*
Question 4: Indicate why you visit this regional park/greenway? (n=110)

83% of participants confirmed that access was the primary reason to visit the park, followed by:
- exercise (67%);
- family recreation activities (64%); and
- solitude (45%).

Question 5: How did you get to this regional park/greenway today? (n=110)

The primary method of transport to the park was by car (95%).
Question 6: How frequently do you visit this regional park/greenway? (n=107)

- 38% of respondents visit the park more than once a week;
- 24% of respondents visit the park between two to three times a month; and
- 12% of respondents visit the park about once a week.

Figure 5: Visit Frequency

Question 7: Do you feel safe in this park/greenway? (n=107)

- 97% of respondents feel safe in this regional park.

Question 8: Do you feel this park/greenway is too crowded? (n=104)

- 8% of respondents feel this regional park is too crowded.
Question 9a: What is your postal code? (n=115)
The majority of responses (70%) came from the Fraser Valley sub-region (Township and City of Langley/Abbotsford). To see the visitor response data for this regional park broken down by municipal origin, see Appendix D.

Question 9b: What is your country of birth? (n=117)

- 83% of respondents were born in Canada.
Question 9c: What is your employment status? (n=117)

- 56% of survey respondents were employed - full time, followed by
  - retired (26%); and
  - employed - part time (9%).

Question 9e: What gender are you? (n=118)

- 53% of respondents who completed the survey were male and 47% were female.
Question 9f: What year were you born? (n=106)

- The largest proportion of respondents was in the 41-60 age group (44%).
- Only 4% of respondents were from the under 24 age group.

**Sample size**

The survey responses received at Derby Reach Regional Park are accurate to ±9.02%, 95 times out of 100.
GLEN VALLEY REGIONAL PARK

Introduction:

Established in 1994, Glen Valley Regional Park is 170 hectares of parkland straddling the Township of Langley and the City of Abbotsford. The area open to the public is a recreation focused riverfront area known as Glen Valley and includes Duncan Bar, Poplar Bar, Two-Bit Bar and Crescent Island, provides beach access, trails and bar fishing opportunities.

Results profile by survey question number:

Question 1: Please indicate the primary activities that you do at this regional park/greenway. (n=75)

60% of respondents confirmed that the primary activity in the park was walking;

Other significant activities included:

- Fishing (43%);
- Picnicking (36%); and
- Wildlife/nature viewing (32%).
Question 2: How important are the following facilities to you at this regional park/greenway?

- The two most important facilities for survey respondents was found to be trails and garbage cans/recycling.
- All other facilities were rated as neutral or below in importance.

Question 3: How would you rate your satisfaction with the facilities in this regional park/greenway?

- All facilities were rated above neutral in satisfaction.

See the figure below for the complete breakdown of the data.

The bar chart below compares question 2: 'The importance of park facilities' to question 3: 'Users satisfaction with these same facilities.'
Question 4: Indicate why you visit this regional park/greenway? (n=72)

- 69% of participants confirmed that access was the primary reason to visit the park, followed by
  - family recreation activities (56%);
  - solitude (44%); and
  - exercise (38%).

Question 5: How did you get to this regional park/greenway today? (n=72)

- The primary method of transport to the park was by car (92%).
Question 6: How frequently do you visit this regional park/greenway? (n=70)

- 41% of respondents visit the park less than two to three times a month;
- 30% of respondents visit the park more than once a week; and
- Only 7% of respondents visit the park about once a week.

Question 7: Do you feel safe in this park/greenway? (n=70)

- 97% of respondents feel safe in this regional park.

Question 8: Do you feel this park/greenway is too crowded? (n=71)

- 0% of respondents feel this regional park is too crowded.
Question 9a: What is your postal code? (n=72)
The majority of responses (53%) came from the Fraser Valley sub-region (Township and City of Langley/Abbotsford). To see the visitor response data for this regional park broken down by municipal origin, see Appendix D.

**Question 9b: What is your country of birth? (n=73)**

- 79% of respondents were born in Canada.
- The proportion of respondents originally from East Asia (7%) and the UK (5%) was also notable.
Question 9c: What is your employment status? (n=70)

- The two groups with the most respondents were
  - employed - full time (50%); and
  - retired (44%).

Question 9e: What gender are you? (n=74)

- 58% of respondents who completed the survey were male and 42% were female.
Question 9f: What year were you born? (n=64)

- The largest proportion of respondents was the over 60 age group (47%).
- Only 5% of respondents were from the under 24 age group.

Sample size

The survey responses received at Glen Valley Regional Park are accurate to ±11.31%, 95 times out of 100.
**IONA BEACH REGIONAL PARK**

**Introduction:**

Established in 1991, Iona Beach Regional Park is 733 hectares of parkland in the City of Richmond located on Iona Island and the Fraser River. A causeway built in the 1960’s connects Iona Island and Sea Island. The park offers beach access, picnicking; and 6 kilometers of trails which presents varied recreational and educational opportunities for walkers and horseback riders. The park is also a popular destination for road cyclists.

**Results profile by survey question number:**

**Question 1: Please indicate the primary activities that you do at this regional park/greenway. (n=135)**

- 84% of respondents confirmed that the primary activity in the park was walking.
- Other significant activities included:
  - Wildlife/nature viewing (52%)
  - Cycling (35%)
  - Picnicking (25%)
Question 2: How important are the following facilities to you at this regional park/greenway?

- The most important facility for survey respondents was found to be garbage cans/recycling, followed closely by washrooms, parking and trails.

Question 3: How would you rate your satisfaction with the facilities in this regional park/greenway?

- All facilities were rated as satisfactory with parking receiving the highest rating followed by trails.

See the figure below for the complete breakdown of the data.

The bar chart below compares question 2: ‘The importance of park facilities’ to question 3: ‘Users satisfaction with these same facilities.’
Question 4: Indicate why you visit this regional park/greenway? (n=125)

- 66% of participants confirmed that exercise was the primary reason to visit the park, followed by
  - solitude (57%); and
  - access (56%).
- Family recreation ranked forth (42%) along with facilities in the list of most popular activities.

Question 5: How did you get to this regional park/greenway today? (n=125)

- The primary method of transport to the park was by car (82%).
- 22% of respondents accessed the park by bike.
- Only 1% of respondents accessed the park on foot.
Question 6: How frequently do you visit this regional park/greenway? (n=125)

- 31% of respondents visit the park less than two to three times a month;
- 22% of respondents visit the park more than once a week; and
- 10% of respondents visit the park about once a week.

Question 7: Do you feel safe in this park/greenway? (n=123)

- 99% of respondents feel safe in this regional park.

Question 8: Do you feel this park/greenway is too crowded? (n=124)

- 3% of respondents feel this regional park is too crowded.
Question 9a: What is your postal code? (n=127)
The majority of responses (77%) came from the Burrard Peninsula (Vancouver/Burnaby/Richmond/New Westminster/UEL/UBC). To see the visitor response data for this regional park broken down by municipal origin, see Appendix D.

Question 9b: What is your country of birth? (n=131)

- Only 62% of respondents were born in Canada.
- The proportion of respondents originally from East Asia (9%) and the UK (8%) was also notable.
Question 9c: What is your employment status? (n=127)

- The two groups with the most respondents were
  - employed - full time (64%); and
  - retired (20%).

Figure 8: Employment Status

Question 9e: What gender are you? (n=129)

- 60% of respondents who completed the survey were male and 40% were female.

Figure 9: Gender
Question 9f: What year were you born? (n=122)

- The largest proportion of respondents was the 41-60 age group (55%).
- Only 5% of respondents were from the under 24 age group.

**Sample size**

The survey responses received at Iona Beach Regional Park are accurate to ±8.43%, 95 times out of 100.
KANAKA CREEK REGIONAL PARK

Introduction:

Established in 1972, Kanaka Creek Regional Park in Maple Ridge protects 12 kilometers of Kanaka Creek and its confluence with the Fraser River. Beginning in forested headwaters, Kanaka Creek flows through the 417 hectare park composed of second growth temperate rainforest, sandstone canyons, waterfalls and scenic marshes. The Bell-Irving Hatchery is located in this park.

Results profile by survey question number:

Question 1: Please indicate the primary activities that you do at this regional park/greenway. (n=84)

- 95% of respondents confirmed that the primary activity in the park was walking.
- Other significant activities included:
  - Wildlife/Nature Viewing (45%);
  - Picnicking (25%); and
  - Swimming (20%).

Figure 1: Primary Activities
Question 2: How important are the following facilities to you at this regional park/greenway?

- The most important facility for survey respondents was found to be trails, followed by garbage cans/recycling, parking, washrooms and maps/marked trail information.

Question 3: How would you rate your satisfaction with the facilities in this regional park/greenway?

- Respondents rated all facilities as near neutral to very satisfied.

See the figure below for the complete breakdown of the data.

The bar chart below compares question 2: ‘The importance of park facilities’ to question 3: ‘Users satisfaction with these same facilities.’

Figure 2: Importance and Satisfaction Analysis Bar Chart (Question 2 and 3)
Question 4: Indicate why you visit this regional park/greenway? (n=82)

- 89% of participants confirmed that access was the primary reason to visit the park, followed by:
  - exercise (75%);
  - activities with family (60%); and
  - experience solitude (59%).

- Facilities ranked fifth (35%) in the list of reasons for a visit.

Question 5: How did you get to this regional park/greenway today? (n=81)

- The primary method of transport to the park was by car (89%).
- 10% of respondents accessed the park on foot.
- Only 3% of respondents accessed the park by bike.
Question 6: How frequently do you visit this regional park/greenway? (n=81)

- 37% of respondents visit the park more than once a week;
- 16% of respondents visit the park about once a month; and
- 16% of respondents visit the park two to three times a month.

Question 7: Do you feel safe in this park/greenway? (n=79)

- 97% of respondents feel safe in this regional park.

Question 8: Do you feel this park/greenway is too crowded? (n=79)

- 1% of respondents feel this regional park is too crowded.
Question 9a: What is your postal code? (n=76)

Survey Responses by Postal Code: Kanaka Creek Regional Park (n = 70)
The majority of responses (80%) came from the Ridge Meadows subsector (Maple Ridge/Pitt Meadows). To see the visitor response data for this regional park broken down by municipal origin, see Appendix D.

**Question 9b: What is your country of birth? (n=79)**

- 72% of respondents were born in Canada.
- The proportion of respondents originally from East Asia (7%), the UK (5%) and Mainland Europe (5%) was also notable.
Question 9c: What is your employment status? (n=75)

- The two groups with the most respondents were
  - employed - full time (55%); and
  - retired (27%).

Question 9e: What gender are you? (n=80)

- 54% of respondents who completed the survey were female and 46% were male.
Question 9f: What year were you born? (n=73)

- The largest proportion of respondents was the 41-60 age group (47%) and the over 60 age group (30%).
- Only 8% of respondents were from the under 24 age group.

**Sample size**

The survey responses received at Kanaka Creek Regional Park are accurate to ±10.69%, 95 times out of 100.
LYNN HEADWATERS REGIONAL PARK

Introduction:

Established in 1992, Lynn Headwaters Regional Park is composed of 3,730 hectares of parkland in the District of North Vancouver and Electoral Area ‘A.’ It covers the upper Lynn Creek Watershed and is characterized as a mountainous landscape with forested steep valley walls, rocky outcrops, creeks, alpine ecosystems and a small alpine lake. The park has a 75 kilometers trail network for hiking. The BC Mills House (1908), in the park entrance area, offers meeting space and displays artifacts associated with mining and forestry in Lynn Headwaters’ past. The entrance area also offers day-use opportunities like picnicking alongside Lynn Creek.

Results profile by survey question number:

Question 1: Please indicate the primary activities that you do at this regional park/greenway. (n=150)

Figure 1: Primary Activities

- 84% of respondents confirmed that the primary activity in the park was walking;
- Other significant activities included:
  - Wildlife/nature viewing (52%);
  - Cycling (35%); and
  - Picnicking (25%).
Question 2: How important are the following facilities to you at this regional park/greenway?

- The most important facility for survey respondents was found to be trails, followed by maps/marked trail information.

Question 3: How would you rate your satisfaction with the facilities in this regional park/greenway?

- All facilities were rated as well above satisfactory.

See the figure below for the complete breakdown of the data.

The bar chart below compares question 2: ‘The importance of park facilities’ to question 3: ‘Users satisfaction with these same facilities.’

*Figure 2: Importance and Satisfaction Analysis Bar Chart (Question 2 and 3)*
Question 4: Indicate why you visit this regional park/greenway? (n=141)

- 77% of participants confirmed that exercise was the primary reason to visit the park, followed by
  - access (70%);
  - activities with family (60%); and
  - adventure (52%), which matched closely to solitude (50%).

Question 5: How did you get to this regional park/greenway today? (n=141)

- The primary method of transport to the park was by car (79%).
- 13% took transit to access the park which is much higher than the average for other parks surveyed.
- 11% of respondents accessed the park by bike.
- 10% of respondents accessed the park on foot.
Question 6: How frequently do you visit this regional park/greenway? (n=140)

- 21% of respondents visit the park about once a week or more;
- 18% of respondents visit the park less than every 2-3 months; and
- 16% of respondents visit the park two to three times a month.

Question 7: Do you feel safe in this park/greenway? (n=140)

- 98% of respondents feel safe in this regional park.

Question 8: Do you feel this park/greenway is too crowded? (n=135)

- 15% of respondents feel this regional park is too crowded.
Question 9a: What is your postal code? (n=131)
The majority of responses came from the North Shore (West Vancouver/City of North Vancouver/District of North Vancouver/Bowen Island) (49%). To see the visitor response data for this regional park broken down by municipal origin, see Appendix D.

Question 9c: What is your employment status? (n=137)

- The two groups with the most respondents were
  - employed - full time (69%); and
  - retired (14%).
Question 9b: What is your country of birth? (n=141)

- Only 58% of respondents were born in Canada.
- The other top notable countries were:
  - The UK (10%)
  - East Asia (9%)
  - Mainland Europe (7%)
  - Central Asia/Middle East (6%)
Question 9e: What gender are you? (n=141)

- 57% of respondents who completed the survey were male and 43% were female.

Question 9f: What year were you born? (n=136)

- The largest proportion of respondents was the 41-60 age group (48%).
- Only 9% of respondents were from the under 24 age group.

Sample size

The survey responses received at Lynn Headwaters Regional Park are accurate to ±8%, 95 times out of 100.
MATSQUI TRAIL REGIONAL PARK

Introduction:

Established in 1985, Matsqui Trail Regional Park, located in the City of Abbotsford, stretches 11 kilometers from the base of Sumas Mountain through Matsqui Prairie to the Matsqui Main Indian Reserve encompassing 124 hectares of land. The park includes a network of dyke and riverfront trails, beach access, wetland and riparian habitat while providing farm and mountain views. Its rural character and connectivity to adjacent trails and park space make it a popular destination for walking, cycling, equestrian use, fishing, picnicking and nature study.

Results profile by survey question number:

Question 1: Please indicate the primary activities that you do at this regional park/greenway. (n=64)

- 75% of respondents confirmed that the primary activity in the park was walking;
- Other significant activities included:
  - Cycling (48%);
  - Wildlife/nature viewing (31%); and
  - Jogging (30%).
Question 2: How important are the following facilities to you at this regional park/greenway?

- The most important facility for survey respondents was found to be trails, followed by garbage cans/recycling and maps/marked trail information.
- Parking and washrooms were also quite important to respondents.

Question 3: How would you rate your satisfaction with the facilities in this regional park/greenway?

- Most facilities were rated well above satisfactory with only water fountains being just below neutral.

See the figure below for the complete breakdown of the data.

The bar chart below compares question 2: ‘The importance of park facilities’ to question 3: ‘Users satisfaction with these same facilities.’

Figure 2: Importance and Satisfaction Analysis Bar Chart (Question 2 and 3)
Question 4: Indicate why you visit this regional park/greenway? (n=64)

- 81% of participants confirmed that access was the primary reason to visit the greenway, followed by
  - exercise (73%);
  - activities with family (64%); and
  - to experience solitude (56%).

Question 5: How did you get to this regional park/greenway today? (n=64)

- The primary method of transport to the greenway was by car (80%).
- 14% of respondents accessed the park by bike.
- Only 6% of respondents accessed the park on foot.
- No respondents accessed the park by transit.
Question 6: How frequently do you visit this regional park/greenway? (n=63)

- 32% of respondents visit the greenway more than once a week;
- 22% of respondents visit the greenway about once a week; and
- 16% of respondents visit the greenway less than every 2 – 3 months.

Question 7: Do you feel safe in this park/greenway? (n=63)

- 97% of respondents feel safe in this regional park.

Question 8: Do you feel this park/greenway is too crowded? (n=64)

- 3% of respondents feel this regional park is too crowded.
Question 9a: What is your postal code? (n=56)
The majority of responses (52%) came from the Fraser Valley sub-region (Township and City of Langley/Abbotsford). To see the visitor response data for this regional park broken down by municipal origin, see Appendix D.

**Question 9b: What is your country of birth? (n=64)**

- 80% of respondents were born in Canada.
- The other top notable countries include:
  - Mainland Europe (5%);
  - East Asia (3%);
  - Central Asia/Middle East (3%); and
  - The UK (3%).
Question 9c: What is your employment status? (n=59)

The two groups with the most respondents were
- employed - full time (76%); and
- retired (10%).

Question 9e: What gender are you? (n=62)

54% of respondents who completed the survey were male and 46% were female.
Question 9f: What year were you born? (n=61)

- The largest proportion of respondents was the 41-60 age group (51%);
- Followed by the 25-40 age group at (23%); and
- 16% of respondents were in the over 60 age group.

Sample size

The survey responses received at Matsqui Trail Regional Park are accurate to ±12.25%, 95 times out of 100.
MINNEKHADA REGIONAL PARK

Established in 1984, Minnekhada Regional Park covers 212 hectares in the City of Coquitlam. It is adjacent to Pitt-Addington Marsh Wildlife Management Area to the east and Pinecone/Burke Provincial Park to the northwest. The park is enjoyed for its visual quality, rugged terrain, historic and ecological significance, and diversity of landscapes. It has a strong historical theme as it was once home to two British Columbia Lieutenant Governors and features Minnekhada Lodge built in 1932. The park contains a spectacular rugged landscape, a managed marsh and a network of rustic trails for walkers and hikers.

Question 1: Please indicate the primary activities that you do at this regional park/greenway. (n=165)

- 92% of respondents confirmed that the primary activity in the park was walking;
- Other significant activities included:
  - Wildlife/nature viewing (35%);
  - Jogging (28%); and
  - Picnicking (12%).
Question 2: How important are the following facilities to you at this regional park/greenway?

- The most important facility for survey respondents was found to be trails, followed by maps/marked trail information.
- Parking, garbage cans/recycling and washrooms were also important to respondents.

Question 3: How would you rate your satisfaction with the facilities in this regional park/greenway?

- All facilities were rated as well above neutral in satisfaction.

See the figure below for the complete breakdown of the data.

The bar chart below compares question 2: ‘The importance of park facilities’ to question 3: ‘Users satisfaction with these same facilities.’

![Figure 2: Importance and Satisfaction Analysis Bar Chart (Question 2 and 3)](image-url)
Question 4: Indicate why you visit this regional park/greenway? (n=164)

- 82% of participants confirmed that both exercise and access were the primary reason to visit the park, followed by
  - activities with family (63%);
  - to experience solitude (52%) and
  - for adventure (35%).

Question 5: How did you get to this regional park/greenway today? (n=164)

- The primary method of transport to the park was by car (96%).
- 5% of respondents accessed the park by bike.
- Only 2% of respondents accessed the park on foot.
Question 6: How frequently do you visit this regional park/greenway? (n=156)

- 26% of respondents visit the park less than every 3 months;
- 21% of respondents visit the park more than once a week; and
- 19% of respondents visit the park about once a week.

Question 7: Do you feel safe in this park/greenway? (n=155)

- 94% of respondents feel safe in this regional park.

Question 8: Do you feel this park/greenway is too crowded? (n=159)

- 6% of respondents feel this regional park is too crowded.
Question 9a: What is your postal code? (n=151)
The majority of responses (77%) came from Northeast Sector (Port Moody/Coquitlam/Port Coquitlam). To see the visitor response data for this regional park broken down by municipal origin, see Appendix D.

Question 9b: What is your country of birth? (n=150)

- 74% of respondents were born in Canada.
- The proportion of respondents originally from East Asia (11%), Mainland Europe (5%) and the UK (3%) was also notable.
Question 9c: What is your employment status? (n=152)

- The groups with the most respondents were
  - employed - full time (74%); and
  - student, unemployed and employed part time were at (6%) each.

Question 9e: What gender are you? (n=151)

- There were almost equal gender response to the survey with 52% male and 48% female.
Question 9f: What year were you born? (n=145)

![Pie chart showing age distribution]

- The largest proportion of respondents was the 41-60 age group (49%).
- Only 6% of respondents were from the over 60 age group.

**Sample size**

The survey responses received at Minnekhada Regional Park are accurate to ±7.62%, 95 times out of 100.
PACIFIC SPIRIT REGIONAL PARK

Introduction:

Established in 1989, Pacific Spirit Regional Park covers 862 hectares in Electoral Area ‘A’ (University Endowment Lands) and the City of Vancouver. Located on the Point Grey Peninsula, Pacific Spirit has upland forests cut by networks of trails. The park has a 73 kilometers trail network for walking, cycling and horseback riding. Beaches along the base of the Point Grey cliffs form Wreck Beach, a clothing optional beach.

Results profile by survey question number:

Question 1: Please indicate the primary activities that you do at this regional park/greenway. (n=428)

- Walking is the primary activity that respondents participated in (78%);
- Other significant activities included:
  - Swimming (33%);
  - Wildlife/Nature viewing (31%); and
  - Jogging (34%).
- Cycling (20%), Mt. Biking (19%) and picnicking (16%) are also notable.
Question 2: How important are the following facilities to you at this regional park/greenway?

- The most important facility for survey respondents was found to be trails, followed by maps/marked trail information.

Question 3: How would you rate your satisfaction with the facilities in this regional park/greenway?

- All facilities were rated as well above neutral on the satisfaction scale.

See the figure below for the complete breakdown of the data.

The bar chart below compares question 2: ‘The importance of park facilities’ to question 3: ‘Users satisfaction with these same facilities.’

![Figure 2: Importance and Satisfaction Analysis Bar Chart (Question 2 and 3)](image-url)
Question 4: Indicate why you visit this regional park/greenway? (n=410)

- 69% of participants confirmed that exercise was a primary reason to visit the park, followed by:
  - access (66%);
  - to experience solitude (57%), and
  - family recreation activities (57%).
- 44% of respondents stated that they visited the park because of the facilities.

Question 5: How did you get to this regional park/greenway today? (n=411)

- 53% of visitors to the park arrived by car, and 24% arrived on foot.
- 18% of participants arrived by bike.
- 13% of visitors arrived by transit.
Question 6: How frequently do you visit this regional park/greenway? (n=405)

- 53% of respondents visit the park more than once a week;
- 17% of respondents visit the park about once a week;
- 10% of respondents visit the park 2-3 times a month; and
- 17% of respondents visit the park about once a week.

**Figure 5: Visit Frequency**

Question 7: Do you feel safe in this park/greenway? (n=391)

- 93% of respondents feel safe in this regional park.

Question 8: Do you feel this park/greenway is too crowded? (n=402)

- 12% of respondents feel this regional park is too crowded.
Question 9a: What is your postal code? (n=385)
The majority of responses (69%) came from the Burrard Peninsula (Vancouver/City of Burnaby/Richmond/New Westminster/UEL/UBC). To see the visitor response data for this regional park broken down by municipal origin, see Appendix D.

**Question 9b: What is your country of birth? (n=414)**

- Only 59% of respondents were born in Canada.
- The other top notable countries include the UK (8%), East Asia (6%), Mainland Europe (6%) and the USA (6%).
Question 9c: What is your employment status? (n=396)

- 57% of survey respondents were employed - full time, followed by
  - retired (15%);  
  - employed - part time (12%); and
  - students (12%).

Question 9e: What gender are you? (n=409)

- 52% of respondents who completed the survey were female, compared with 48% being male.
Question 9f: What year were you born? (n=418)

The largest age groups that responded to the survey were within the 41-60 age groups at 46%.

- 22% of respondents were in the 25-40 age group.
- Only 16% of respondents were in the under 24 age group.

Sample size

The survey responses received at Pacific Spirit Regional Park are accurate to ±4.73%, 95 times out of 100.
THE PITT RIVER REGIONAL GREENWAY

Introduction:

Established in 2003, the Pitt River Regional Greenway runs along the Pitt and Fraser River dykes, from Bonson Road to Grant Narrows in Pitt Meadows. The first phase, a 10.2 kilometers segment from Harris Landing to Ferry Slip Road, is now open for public use. In addition to the multi-use dyke trail with great mountain, farm and river views, this greenway protects regionally significant inter-tidal wetlands, foreshore habitats, and riparian forests.

Results profile by survey question number:

Question 1: Please indicate the primary activities that you do at this regional park/greenway. (n=79)

- Walking is the primary activity that respondents participated in (89%);
- Other significant activities included:
  - Cycling (46%);
  - Jogging (35%);
  - Wildlife/Nature viewing (34%); and
  - Mt. Biking (25%).
- Relatively low levels of participation were recorded for the range of other activities identified.
Question 2: How important are the following facilities to you at this regional park/greenway?

- The most important facility for survey respondents was found to be trails, followed by garbage cans/recycling.

Question 3: How would you rate your satisfaction with the facilities in this regional park/greenway?

- Most facilities were rated as satisfactory with only swimming just below neutral.
- Note: facilities for swimming are not provided and swimming not encouraged at this site.

See the figure below for the complete breakdown of the data.

The bar chart below compares question 2: ‘The importance of park facilities’ to question 3: ‘Users satisfaction with these same facilities.’

Figure 2: Importance and Satisfaction Analysis Bar Chart (Question 2 and 3)
Question 4: Indicate why you visit this regional park/greenway? (n=76)

- 93% of participants confirmed that exercise was a primary reason to visit the park, followed by
  - access (88%);
  - family recreation activities (54%); and
  - solitude (53%).

Question 5: How did you get to this regional park/greenway today? (n=77)

- 65% of visitors to the greenway arrived by car, and 30% arrived on foot.
- 17% of participants arrived by bike.
- No visitors arrived by transit.
Question 6: How frequently do you visit this regional park/greenway? (n=76)

- 66% of respondents visit the greenway more than once a week which is one of the highest rates in this category for the entire regional park system;
- 16% of respondents visit the greenway about once a week;
- 9% of respondents visit the greenway 2-3 times a month; and
- 4% of respondents visit the greenway less than every 2 months.

Question 7: Do you feel safe in this park/greenway? (n=75)

- 97% of respondents feel safe on this greenway.

Question 8: Do you feel this park/greenway is too crowded? (n=75)

- 5% of respondents feel this greenway is too crowded.
Question 9a: What is your postal code? (n=73)
The majority of responses (76%) came from Ridge Meadows (Pitt Meadows/Maple Ridge). To see the visitor response data for this regional park broken down by municipal origin, see Appendix D.

**Question 9b: What is your country of birth? (n=73)**

- 80% of respondents were born in Canada.
- The other top 3 countries include UK (7%), other category (6%), and Mainland Europe (3%).
Question 9c: What is your employment status? (n=73)

53% of survey respondents were employed full time, followed by
- retired (29%);
- employed - part time (12%); and
- students and unemployed both at (3%) each.

Figure 8: Employment Status

Question 9e: What gender are you? (n=73)

58% of respondents who completed the survey were female, compared with 42% being male.

Figure 9: Gender
Question 9f: What year were you born? (n=66)

- The largest age groups that responded to the survey was within the 41-60 age groups at 50%, followed by respondents in the over 60 age group at 32%.
- 17% of respondents were in the 25-40 age group. Only 1% of respondents were in the under 24 age group.

Sample size

The number of survey responses received at Pitt River Regional Greenway means that the results will be accurate to ±11.02%, 95 times out of 100.
THE SEYMOUR RIVER REGIONAL GREENWAY

Introduction:

Established in 2011, the Seymour River Greenway is in the District of North Vancouver and will eventually offer a 20 kilometers recreation route for walkers and cyclists connecting the Lower Seymour Conservation Reserve (LSCR), the City of North Vancouver Cemetery, Capilano University, Maplewood Farm and Burrard Inlet near the mouth of the Seymour River. Currently, the northern section of the greenway is operational, from the Seymour Dam in the LSCR to Mount Seymour Parkway.

Results profile by survey question number:

Question 1: Please indicate the primary activities that you do at this regional park/greenway. (n=53)

- Walking is the primary activity that respondents participated in (79%);
- Other significant activities included:
  - Jogging (34%);
  - Wildlife/nature viewing and Mtn. Biking (30%); and
  - Cycling (25%).
Question 2: How important are the following facilities to you at this regional park/greenway?

- The most important facility for survey respondents was found to be trails, followed by maps/marked trail information.

Question 3: How would you rate your satisfaction with the facilities in this regional park/greenway?

- All facilities were rated as satisfactory.

See the figure below for the complete breakdown of the data.

The bar chart below compares question 2: ‘The importance of park facilities’ to question 3: ‘Users satisfaction with these same facilities.’

![Figure 2: Importance and Satisfaction Analysis Bar Chart (Question 2 and 3)](image-url)
Question 4: Indicate why you visit this regional park/greenway? (n=52)

- 81% of participants confirmed that exercise was a primary reason to visit the park, followed by
  - access (79%);
  - solitude (58%); and
  - family recreation activities (46%).
- Pursuit of adventure also draws people to the greenway (38%)

Question 5: How did you get to this regional park/greenway today? (n=52)

- 48% of visitors to the greenway arrived by car
- 37% arrived on foot
- 19% of participants arrived by bike
- 15% arrived by transit
Question 6: How frequently do you visit this regional park/greenway? (n=52)

- 52% of respondents visit the greenway more than once a week;
- 25% of respondents visit the greenway about once a week;
- 8% of respondents visit the greenway less than every 2 months; and
- 7% of respondents visit the greenway about once a month.

Question 7: Do you feel safe in this park/greenway? (n=48)

- 100% of respondents feel safe on this Greenway.

Question 8: Do you feel this park/greenway is too crowded? (n=51)

- 4% of respondents feel this greenway is too crowded.
Question 9a: What is your postal code? (n=49)
The majority of responses (61%) came from the North Shore (West Vancouver/City of North Vancouver/District of North Vancouver/Bowen Island). To see the visitor response data for this regional park broken down by municipal origin, see Appendix D.

**Question 9b: What is your country of birth? (n=53)**

- 81% of respondents were born in Canada.
- The other top three countries include the UK (9%), East Asia (6%), and Mainland Europe (4%).
Question 9c: What is your employment status? (n=52)

- 58% of survey respondents were employed - full time, followed by
  - employed - part time (17%);
  - retired (13%); and
  - students (8%).

Question 9e: What gender are you? (n=51)

- 61% of respondents who completed the survey were female, compared with 39% being male.
Question 9f: What year were you born? (n=47)

- The largest age groups that responded to the survey was within the 25-40 and 41-60 age groups both at 35% respectively, followed by respondents in the under 24 age group at 17%.
- Only 13% of respondents were in the over 60 age group.

Sample size

The survey responses received at Seymour River Regional Greenway are accurate to ±13.44%, 95 times out of 100.
TYNEHEAD REGIONAL PARK

Introduction:

Established in 1998, Tynehead Regional Park is 256 hectares of parkland in the City of Surrey. The park preserves a large natural space in an area that will become surrounded by urban development over the next twenty years. Tynehead includes forested headwaters of the Serpentine River, an important salmon stream, old farm fields and young alder forest. Facilities include a large dog off-leash area, a network of forest trails, a multi-use perimeter trail around the eastern portion of the park, a group campground available by reservation only, and a fish hatchery.

RESULTS PROFILE BY SURVEY QUESTION NUMBER:

Question 1: Please indicate the primary activities that you do at this regional park/greenway. (n=182)

- Walking is the primary activity that respondents participated in (89%);
- Other significant activities included:
  - Wildlife (34%);
  - Jogging (35%); and
  - Cycling (26%).
Question 2: How important are the following facilities to you at this regional park/greenway?

- The most important facility for survey respondents was found to be trails, followed by garbage cans/recycling and maps/marked trail information.

Question 3: How would you rate your satisfaction with the facilities in this regional park/greenway?

- All facilities were rated well above neutral in satisfaction.

See the figure below for the complete breakdown of the data.

The bar chart below compares question 2: ‘The importance of park facilities’ to question 3: ‘Users satisfaction with these same facilities.’

*Figure 2: Importance and Satisfaction Analysis Bar Chart (Question 2 and 3)*
Question 4: Indicate why you visit this regional park/greenway? (n=174)

Figure 3: Reasons for Visit

- 87% of participants confirmed that access was a primary reason to visit the park, followed by
  - exercise (75%);
  - family recreation activities (51%); and
  - solitude (42%).
- Facilities are a key draw for people to visit the park (29%).
- 18% of respondents stated that they visited the park to pursue other activities.

Question 5: How did you get to this regional park/greenway today? (n=177)

Figure 4: Transportation Mode

- 82% of visitors to the park arrived by car and 14% arrived on foot.
- Only 10% of participants arrived by bike.
Question 6: How frequently do you visit this regional park/greenway? (n=175)

- 53% of respondents visit the park more than once a week;
- 18% of respondents visit the park about once a week;
- 14% of respondents visit the park between two and three times a month; and
- 4% of respondents visited the park about once every two months.

Question 7: Do you feel safe in this park/greenway? (n=175)

- 93% of respondents feel safe in this regional park.

Question 8: Do you feel this park/greenway is too crowded? (n=173)

- 2% of respondents feel this regional park is too crowded.
Question 9a: What is your postal code? (n=173)
The majority of responses (92%) came from the South Shore (Surrey/Delta/White Rock). To see the visitor response data for this regional park broken down by municipal origin, see Appendix D.

**Question 9b: What is your country of birth? (n=142)**

- 68% of respondents were born in Canada.
- The other top three countries include East Asia (10%), Mainland Europe (4%) and Central Asia/Middle East (2%)
Question 9c: What is your employment status? (n=138)

- 66% of survey respondents were employed - full time, followed by
  - employed - part time (11%);
  - retired (14%); and
  - students (4%).

Question 9e: What gender are you? (n=173)

- 53% of respondents who completed the survey were female, compared with 47% being men.
Question 9f: What year were you born? (n=136)

The largest group that responded to the survey was the 41-60 age group with 50%, followed by respondents in the 25-40 age group (27%) and the over 60 age group (14%).

Only 9% of respondents were in the under 24 age group.

Sample size

The survey responses received at Tynehead Regional Park are accurate to ±7.26%, 95 times out of 100.
COMPARISON TO 1989 RESULTS

The 2013 visitor survey results have been compared to the 1989 results where possible. This comparison is not complete, as only seven questions from the 1989 questions were similar to the set of questions asked in the 2013 survey. These differences in the questionnaires reflect shifting regional recreation trends and advances in visitor survey techniques in the intervening decades.

Key findings from this analysis are as follows (detailed analysis tables can be found in Appendix C):

- Reported participation has increased in nearly every outdoor recreation activity in regional parks & greenways since the 1989 survey. Walking remains the most popular activity in 2013 with 82% of respondents stating that they take part; however, walking has doubled from the 42% participation rate reported in 1989;
- Fishing is one of the few activities the survey determined was in decline in participation, with a drop from 12% of visitors surveyed in 1989 to 6% in 2013;
- The proportion of visitors in each age range has increased since the 1989 survey, except for the 25 to 40 year olds group which has dropped from approximately 47% to 22% in 2013;
- The car remains the primary method of transport to regional parks and greenways. However the proportion of visitors using a car has dropped 11% from 83% to 72% in 2013. Conversely the proportion of visitors cycling and walking has increased and in combination, now makes up 30% of the transport options taken;
- Parks and greenways accommodated new activities since the 1989 survey, such as mountain biking which has only been recognized as a mainstream sporting activity since the 1990’s;
- Facilities, such as public pay phones, were seen as important to visitors in 1989, but are no longer required with the advent of cell phones; and
- While the results of the two surveys are not directly comparable, it is reasonable to suggest that there has been an increase in the numbers of people using parks and greenways weekly or on a more frequent basis in 2013 than in 1989.
RESULTS OVERVIEW & KEY FINDINGS

This section highlights some of the key findings and analysis for the 24 regional parks and greenways that were surveyed. These highlights are derived from a park facility importance-satisfaction analysis, and a facility/age group correlation analysis. These results could be used to help park managers, operators and planners focus their programs with a consideration for respondent preference for activities, facility importance and satisfaction. For example, in the overall park system analysis the most popular reported primary activity by a large margin was walking at 82% of respondents. Trails were reported as the most important facility. Likewise, the highest satisfaction rating was received for trail facilities.

Of note, the results found that all existing facilities in every park received a neutral or higher satisfaction rating. Therefore, the results could be used to focus attention on those facilities that, by comparison to others, were rated less satisfactory since none were actually considered unsatisfactory.

PARK FACILITY IMPORTANCE-SATISFACTION ANALYSIS

The Importance-Performance Analysis technique was employed to analyze park visitor’s satisfaction with current facilities throughout the entire Metro Vancouver Regional Park and Greenway system. The key findings from this analysis include the following:

Most important facilities overall:
1. Trails;
2. Garbage receptacles;
3. Maps/Marked trail information;
4. Washrooms; and
5. Parking.

Facilities most frequently rated as satisfactory overall:
1. Trails;
2. Parking;
3. Maps/Marked trail information;
4. Seating/Benches; and
5. Garbage Cans/Recycling.

DATE OF BIRTH ANALYSIS BY REGIONAL PARK/GREENWAY FACILITY

For all Parks:
1. Trails were rated the most important facility by all age groups

2. Top five most important facilities by age group
   a. Under 24
      i. Trails
      ii. Garbage/Recycling
      iii. Maps
      iv. Washrooms
      v. Water Fountains

206
b.  25-40
   i. Trails
   ii. Garbage/Recycling
   iii. Maps
   iv. Washrooms
   v. Parking

c.  41-60
   i. Trails
   ii. Garbage/Recycling
   iii. Maps
   iv. Parking
   v. Washrooms

d. Over 60
   i. Trails
   ii. Garbage/Recycling
   iii. Washrooms
   iv. Maps
   v. Parking

3. Top five highest rated facilities by age group
   a. Under 24
      i. Trails
      ii. Parking
      iii. Seating Areas
      iv. Maps
      v. Picnic Areas
   b.  25-40
      i. Trails
      ii. Parking
      iii. Maps
      iv. Seating Areas
      v. Garbage
   c.  41-60
      i. Trails
      ii. Parking
      iii. Maps
      iv. Seating Areas
      v. Waterfront
   d. Over 60
      i. Trails
      ii. Parking
      iii. Maps
      iv. Garbage
      v. Seating Areas
4. Notable issues in the ‘top five lists’
   a. Washrooms consistently in the top five in importance, but not in satisfaction; and
   b. Trails tops in both categories for all age cohorts.

5. Activities that showed a direct correlation in importance with age
   a. Swimming

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   b. Garbage/Recycling

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   c. Camping

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   d. BBQ/Fire pits

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6. Activities that show a direct correlation in quality with age
   a. Garbage/Recycling

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b. Educational/Interpretive Signage

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**OTHER KEY FINDINGS:**

The regional parks and greenways that have the highest rate of visitors using alternative transportation to access (i.e., bikes, transit and on foot) include:

- Pacific Spirit,
- Colony Farm, and
- Lynn Headwaters.

The regional parks and greenways that visitors find too crowded were very few, and those that found the parks and greenways crowded were very small in proportion. The following were considered the most crowded:

- Belcarra Regional Park at 41%,
- Pacific Spirit Park at 12%,
- Boundary Bay at 9%, and
- Derby Reach 8%.
LESSONS LEARNED

It is important to take time at the completion of a project or process to reflect on ways to make it more robust and efficient for future iterations. This is particularly true for visitor surveys. Regular repetition is vital to understanding the changing attitudes and demographics of regional park and greenway visitors. Revising the visitor survey process according to the following points will help improve repeated implementation.

Overall Project Logistics:

- Commencing the project planning earlier in the year would have allowed the project team and Metro Vancouver more time to fine tune the process and the instrument. One specific advantage of starting earlier would be the commencement of surveying in June or at the very least before the July 1 long weekend, and

- Based on some of the feedback received from adjacent agencies, park partners and other parks divisions, it is important to consider fully publicizing the initiative to minimize miscommunication and confusion during future surveys. However, this would have to be done in a way that did not compromise the survey validity.

- The survey listed a set group of facilities, some of which were not located in every park. For those facilities not located in a particular park, thought should be given to a way to eliminate that choice from the survey questionnaire.

- Related to the above point, respondents are not always aware of park boundaries. This may lead to a response about an activity that is actually occurring off of the park property in a nearby area. For example, ‘biking’ reported for Barnston Island or for Lynn Headwaters is likely occurring in an adjacent area rather than within the regional park.

- Some of the facility descriptions were not interpreted the same by all respondents (E.g. water ‘fountains’ evoke a particular way of accessing drinking water and are not located in every park but many parks do have access to drinking water in the form of a water faucet.)

Survey Methodology:

- Earlier commencement may have improved the ability to meet the response goal.

- Based on the excellent weather in 2013 and the level of response achieved, it may be prudent to adjust expectations for response rate and/or revise the sampling model (greater intensity, greater frequency, etc.) in future years.

- Keeping the survey questions as similar as possible from season to season for future comparisons and analysis is recommended wherever possible. Some of the 2013 survey questions were worded in a way that did not allow for direct comparison to the 1989 survey which is partially due to the large time gap between surveys, change in recreation demands and Metro Vancouver’s shifting response to those changes. Maintaining consistency over the years will maximize comparability for the long term.
Consider ways to engage non-English speaking survey respondents in future surveys. Although this data was not collected formally, field staff did report anecdotal evidence of some park visitors being unable to participate in the survey because of a language barrier.

Consider using direct digital data input through tablets instead of hard copy written surveys on clipboards to reduce data entry costs and improve data accuracy.
LITERATURE CITED

1. Dillman, 2000
3. Salant & Dillman, 1994
APPENDIX A: SURVEY METHODOLOGY

INTRODUCTION

The 2013 Visitor Survey Project was conducted in a three phase process using a visitor intercept methodology. Phase 1 involved the development of the survey methodology including the survey questionnaire. Phase 2 was the data gathering phase of the process and Phase 3 was the data analysis and reporting phase. The data gathering survey commenced on July 2 and was completed on September 30. This report marks the culmination of the final phase and is one of the primary deliverables of the project.

PHASE 1 – PROJECT METHODOLOGY & QUESTIONNAIRE DEVELOPMENT

The survey system is built on methodologies that LEES+Associates have developed, which in turn arose from the seminal recreation research methodologies of Manning, Leopold et al (1997). Randomly sampled, stratified locations and dates, over one summer season (July 2-September 30), were selected, and resulting in the following sampling of each park and greenway (24 total survey sites). All sample locations, sample days, and sample times have been randomly selected using the following methodology.

1. Site Selection

   - Sites were selected by Metro Vancouver staff based on past experience and their understanding of park usage.
   - The number of survey sites for each regional park was determined based on park visitor levels.
   - For parks with four designated sites (i.e., High Use Parks), each designated site was used.
   - For parks with only three designated sites (i.e., Medium Use Parks), each of the designated sites were used once. The fourth survey shift was randomly designated to one of the three sample sites: Random numbers were assigned to each of the three designated sites; the designated site with the smallest random number was selected as the fourth site to be sampled.
   - For parks with only two designated sites (i.e., Low Use Parks), both sites were used twice.

2. Sample Scheduling

   - Each of the four sample sites in each park was assigned a random number. The two sites that had the lowest random numbers were designated as weekend sample sites; the two sites that had the highest random numbers were designated as weekday sample sites.
   - Each park was sampled at least once per month (i.e. July, August, and September).
   - Each park was sampled on two (Saturday, Sunday or holiday) weekend days; but only one Saturday or Sunday or holiday per survey site.
   - Every park has two-week day sample days and two weekend sample days (i.e. four sample days per park). A total of 96 sample sites/days were identified (4 days/park for 24 parks); 48-week day sample days were identified and 48 weekend sample days were identified.
3. Sampling shifts (AM or PM) Designation

- Sampling was conducted during 6 hour shifts. Shifts were either targeted towards the morning (am) or the afternoon (pm) in order to maximize access to park visitors during park operating hours and to allow for a higher frequency of sampling (i.e., 4 shifts per park vs. 3).

- Sampling shifts (AM or PM) were randomly assigned such that the two week day sample days and the two weekend sample days for each park had one AM and one PM shift (i.e., each park has 1 week day AM shift, 1 Week day PM shift, 1 weekend AM shift, and 1 weekend PM shift).

4. Questionnaire

The questionnaire used in this study was developed according to the principles of the Tailored Design Method, which identifies questionnaire layout considerations and procedures to maximize survey return rates and minimize survey error (Salant & Dillman, 1994; Dillman, 2000). The questionnaire was designed so that there was a logical flow of the questions, and that the wording of the questions and instructions to the respondents was clear and concise. A key requirement of the questionnaire is that it be suitable for repeated delivery at multiple locations over multiple years. Working drafts of the questionnaire were reviewed by all members of the project team and Metro Vancouver Staff.

The questionnaire focuses on these 4 topics:

- Level of importance and Satisfaction with existing or needed park facilities (i.e. washrooms, parking areas, trails, signs)
- Primary Recreational Activity (hiking, running, biking, nature viewing, etc)
- Demographics (gender, age, income, ethnicity, employment status, current location of residence, etc)
- Visitor Origin (place of birth)

PHASE 2 – SURVEY IMPLEMENTATION

LEES+Associates field survey team utilized in person on-site intercept method where the surveyor engages with a park visitor to introduce the survey and provide a questionnaire for them to fill out on site and return to the surveyor before they leave the park. The hand written paper questionnaire was then input into an Excel database for the data analysis phase.

All parties encountered at a sample site were invited to participate in this study (where possible). Except where single-family parties are identified, all party members were asked to participate in the survey; when families were identified, only one member was asked to participate. Respondents were asked to return questionnaires on-site upon completion. The number of people approached for inclusion in the study was recorded to permit the calculation of response rate. People who declined to participate were thanked for their time and were not engaged further.

Data collection quality control was performed by senior LEES+Associates staff that monitored field staff periodically and provided assistance. A standard introduction statement was delivered verbally to all prospective participants that summarized the cover letter that accompanied the questionnaire.
In addition to administering questionnaires to on-site visitors, the surveyors also completed the surveyor log form. This recorded the time each questionnaire was completed, observational data about all of the recreation visitors that they encountered, weather and other park conditions (precipitation, wind, percent cloud cover, and air temperature), and photographs of site conditions. Environmental conditions were collected at the beginning and end of each shift and compared to local weather station data. The observational data was collected using a standardized form developed for this purpose.

During the (3) three month survey data collection period LEES+Associates held monthly teleconference update meetings to inform Metro Vancouver of the progress and address any issues requiring resolution.

Phase 3 – Survey Data Analysis and Reporting

Once all the questionnaire data was input into Excel format the following data analysis phase took place. Descriptive statistics were calculated for each question. For those questions that ask respondents to indicate their level of agreement, satisfaction, or the importance of a facility or activity, the proportion of responses was calculated for each interval. The mean response, standard deviation, and standard error were also calculated for these questions. A comparison of the results for the 24 parks and greenways employed a series of analyses of variance tests (ANOVA) to identify areas of similarity and discrepancy among sample areas.

Tests of response bias were conducted by examining a number of demographic and attitude characteristics (including visitor origin). Analysis of variance was used to identify any differences between respondents for age, number of recreation days and satisfaction with outdoor recreation management outcomes; in addition chi-square tests and nominal post hoc tests were used to calculate visitor gender, education, and household income breakdowns.

A frequency of response (the number of times each answer is reported) was calculated for each recreation activity. Recreation participation was calculated as the aggregate number of times that a respondent reported participating in an outdoor recreation activity.

The percentage of responses for each satisfaction interval, the mean response, 95% confidence interval, and standard deviation was calculated to assess respondents’ opinion about importance and satisfaction with the identified facilities. Frequencies of response were calculated and associated comments on respondents’ requests for park improvements and what made them chose to come to this park over another were summarized.
APPENDIX B: QUESTIONNAIRE
Metro Vancouver Regional Parks: Visitor Survey 2013

The purpose of this survey is to obtain information on visitor use and satisfaction of with Metro Vancouver Regional Parks and Greenways. Participation in this study is completely voluntary, and you may refuse to participate at any time. You may skip any question if you do not feel comfortable answering it, though we encourage you to complete all questions if possible. The survey will take about 5 minutes to complete. All personal information resulting from this study will be kept strictly confidential. Please do not write your name anywhere on this questionnaire.

1. Please indicate the primary activities that you do at this regional park/greenway (check all that apply):

- Walking/hiking
- Picnicking
- Outdoor swimming & beach activities
- Nature or wildlife viewing
- Jogging/running
- Cycling on flat trails, dykes or groomed trails
- Outdoor events (e.g. concerts, festivals, interpretive tours)
- Mountain biking on trails
- Fishing
- Horseback riding
- Non-motorized boating (e.g. canoes, kayaks, sculls)
- Informal field sports (e.g. soccer, baseball, football)
- Other: __________________________

2. How important are the following facilities to you at this regional park/greenway?

<table>
<thead>
<tr>
<th>Facilities</th>
<th>Not Important</th>
<th>Slightly Important</th>
<th>Important</th>
<th>Very Important</th>
<th>Vital</th>
<th>Not Applicable</th>
</tr>
</thead>
<tbody>
<tr>
<td>Washrooms</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Parking</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Seating areas/benches</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Garbage cans/recycling containers</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Water fountains</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Food concessions</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Picnic areas</td>
<td></td>
<td></td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Swimming areas</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Waterfront/beaches</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Showers/changing rooms</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>BBQ area/ fire pit</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Trails</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dog off leash areas</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Maps/marked trail information</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Interpretive/educational signage</td>
<td></td>
<td></td>
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<td></td>
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<td></td>
</tr>
<tr>
<td>Camping</td>
<td></td>
<td></td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Nature House</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Other: __________________</td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>

-1-
3. How would you rate your satisfaction with the facilities in this regional park/greenway?

<table>
<thead>
<tr>
<th>Facilities</th>
<th>Very Satisfied</th>
<th>Unsatisfied</th>
<th>Neutral</th>
<th>Somewhat Satisfied</th>
<th>Very Satisfied</th>
<th>Not Applicable</th>
</tr>
</thead>
<tbody>
<tr>
<td>Washrooms</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Parking</td>
<td></td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Seating areas/benches</td>
<td></td>
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<tr>
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<td></td>
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<tr>
<td>Water fountains</td>
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<td></td>
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<tr>
<td>Food concessions</td>
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<td></td>
<td></td>
</tr>
<tr>
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<tr>
<td>Swimming areas</td>
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</tr>
<tr>
<td>Waterfront/beaches</td>
<td></td>
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</tr>
<tr>
<td>Showers/changing rooms</td>
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<td></td>
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<td></td>
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<td>BBQ area/fire pit</td>
<td></td>
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</tr>
<tr>
<td>Trails</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Dog off-leash areas</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Maps/marketed trail information</td>
<td></td>
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<td></td>
</tr>
<tr>
<td>Interpretive/educational signage</td>
<td></td>
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<tr>
<td>Camping</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Nature House</td>
<td></td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Other:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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</tr>
</tbody>
</table>

4. From the list below, indicate why you visit this regional park/greenway (check all that apply):

- The location is easy to access from home or work
- The facilities (i.e., trails, boat launch, beach) are unique and not available at other parks/greenways
- To exercise
- To commute (i.e., to work, school, or run errands)
- For adventure/challenge
- To do an activity with friends/family
- To experience solitude/relax
- Other:

5. How did you get to this regional park/greenway today?

- Car
- Public Transit
- Bike
- On foot
- Other:

7. Do you feel safe in this park/greenway?

- Yes
- No

If no, please describe why:

______________________________

______________________________

______________________________

8. Do you feel this park/greenway is too crowded?

- Yes
- No

If yes, please describe why:

______________________________

______________________________

______________________________
9. The questions below ask about you. We use this information only to assist us in compiling the survey results. Your answers to these questions will not identify you in any way. Remember, your answers will be kept confidential.

<table>
<thead>
<tr>
<th>a. What is your postal code?</th>
<th>b. What is your country of birth?</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>c. What is your employment status?</th>
</tr>
</thead>
<tbody>
<tr>
<td>□ Employed - Full time</td>
</tr>
<tr>
<td>□ Employed - Part time</td>
</tr>
<tr>
<td>□ Retired</td>
</tr>
<tr>
<td>□ Student</td>
</tr>
<tr>
<td>□ Unemployed</td>
</tr>
<tr>
<td>□ Homemaker and not employed outside the home</td>
</tr>
<tr>
<td>d. Other than English, what other languages are spoken in your home?</td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
</tbody>
</table>

| e. What gender are you? |
| f. What year were you born? |
|--------------------------|-----------------------------|
| □ Male                   | □ Female                    |
|                          |                             |
|                          |                             |

10. Do you have any other comments about Metro Vancouver Regional Parks/Greenways?

________________________________________________________________________
________________________________________________________________________
________________________________________________________________________
________________________________________________________________________
________________________________________________________________________

For more information on Metro Vancouver Regional Parks and Greenways or this survey please call 604.432.6350.
APPENDIX C: 1989 SURVEY COMPARISON

General Statement:
This comparison contains results from the 1989 survey that can be reasonably compared with the results from questions in the 2013 survey. The terminology varies between studies and in some cases multiple similar categories from 1989 have been combined to make them more comparable with the modern questionnaire. The 1989 results have been rounded to the nearest 1% where suitable for ease of comparison with the 2013 survey results.

<table>
<thead>
<tr>
<th>Activity</th>
<th>1989 Visitor Satisfaction and Usage Survey</th>
<th>2013 Regional Park Visitor Survey</th>
</tr>
</thead>
<tbody>
<tr>
<td>Walking</td>
<td>42%</td>
<td>82%</td>
</tr>
<tr>
<td>Wildlife/nature viewing</td>
<td>5%</td>
<td>37%</td>
</tr>
<tr>
<td>Jogging</td>
<td>1%</td>
<td>29%</td>
</tr>
<tr>
<td>Cycling</td>
<td>3%</td>
<td>25%</td>
</tr>
<tr>
<td>Picnicking</td>
<td>17%</td>
<td>21%</td>
</tr>
<tr>
<td>Swimming</td>
<td>9%</td>
<td>19%</td>
</tr>
<tr>
<td>Mountain Biking</td>
<td>N/A</td>
<td>15%</td>
</tr>
<tr>
<td>Other</td>
<td>3%</td>
<td>10%</td>
</tr>
<tr>
<td>Outdoor Events</td>
<td>N/A</td>
<td>7%</td>
</tr>
<tr>
<td>Fishing</td>
<td>12%</td>
<td>7%</td>
</tr>
<tr>
<td>Boating</td>
<td>0.6%</td>
<td>6%</td>
</tr>
<tr>
<td>Informal Field Sports</td>
<td>3%</td>
<td>4%</td>
</tr>
<tr>
<td>Horseback Riding</td>
<td>2%</td>
<td>3%</td>
</tr>
</tbody>
</table>
Participation has increased in nearly every activity in regional parks and greenways since the 1989 survey. Walking remains the most popular activity in 2013 with 82% of respondents stating that they take part. Participation in walking has doubled from 42% since the 1989 survey.

Wildlife/nature viewing is now the second most popular activity with 37% of respondents confirming they take part. Nature/Wildlife viewing did not appear on the schedule of activities for respondents to select in the 1989 survey, however it did ask about bird watching and self-directed nature study. In the chart above we have combined those two elements to compare with wildlife/nature viewing.

Jogging has increased in popularity from 1% to 29% of respondents saying that they participate in this activity, and cycling has seen a big jump in participation from 3% to 25% of respondents;

Mountain biking did not appear on the schedule of activities for respondents to select in the 1989 survey. In 2013 however, 15% of respondents said that they participate in this activity;

Boating has increased in popularity from 0.6 to 6% of respondents confirming their participation on the water such as kayaking, canoeing or sailing, and participation in swimming has also doubled from 9% to 19% in 2013;

The number of people enjoying fishing has decreased from 12% to 7% in 2013

### FREQUENCY OF VISITS

<table>
<thead>
<tr>
<th>Frequency of Visits</th>
<th>1989 Visitor Satisfaction and Usage Survey</th>
<th>2013 Regional Park Visitor Survey</th>
</tr>
</thead>
<tbody>
<tr>
<td>More than once a week</td>
<td>N/A</td>
<td>43%</td>
</tr>
<tr>
<td>About once a week</td>
<td>N/A</td>
<td>15%</td>
</tr>
<tr>
<td>two to three times a month</td>
<td>N/A</td>
<td>13%</td>
</tr>
<tr>
<td>About once a month</td>
<td>N/A</td>
<td>8%</td>
</tr>
<tr>
<td>About once every two months</td>
<td>N/A</td>
<td>6%</td>
</tr>
<tr>
<td>Less often</td>
<td>N/A</td>
<td>17%</td>
</tr>
<tr>
<td>More than five times in the last 12 months</td>
<td>36%</td>
<td>N/A</td>
</tr>
<tr>
<td>Frequency of Visits</td>
<td>1989</td>
<td>2013</td>
</tr>
<tr>
<td>--------------------</td>
<td>------</td>
<td>------</td>
</tr>
<tr>
<td>Five times in the last 12 months</td>
<td>3%</td>
<td>N/A</td>
</tr>
<tr>
<td>Four times in the last 12 months</td>
<td>6%</td>
<td>N/A</td>
</tr>
<tr>
<td>Three times in the last 12 months</td>
<td>9%</td>
<td>N/A</td>
</tr>
<tr>
<td>Twice in the last 12 months</td>
<td>12%</td>
<td>N/A</td>
</tr>
<tr>
<td>Once in the last 12 months</td>
<td>34%</td>
<td>N/A</td>
</tr>
</tbody>
</table>

It is not possible to directly compare frequency of visits results from the 1989 survey with the 2013. The 1989 survey asked respondents to confirm the number of visits they made to parks over a 12 month period, whereas the 2013 survey asked people to confirm the number of visits to parks per week and per month. However, from the results in the table above, it is reasonable to suggest that there has been an increase in the frequency of people using parks and greenways weekly or on a more frequent basis in 2013 than in 1989.
### HOW DID YOU GET HERE?

<table>
<thead>
<tr>
<th></th>
<th>1989 Visitor Satisfaction and Usage Survey</th>
<th>2013 Regional Park Visitor Survey</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Question 17</strong></td>
<td>How did you travel here today?</td>
<td><strong>Question 5</strong></td>
</tr>
<tr>
<td>Foot</td>
<td>7%</td>
<td>16%</td>
</tr>
<tr>
<td>Bike</td>
<td>4%</td>
<td>14%</td>
</tr>
<tr>
<td>Transit</td>
<td>3%</td>
<td>4%</td>
</tr>
<tr>
<td>Car</td>
<td>83%</td>
<td>73%</td>
</tr>
<tr>
<td>Other</td>
<td>3%</td>
<td>1%</td>
</tr>
</tbody>
</table>

The car remains the primary method of transport to the parks and greenways. However the proportion of visitors using a car has dropped from 83% to 73% in 2013. Conversely the proportion of visitors cycling and walking to the parks and greenways has increased and in combination, now makes up 30% of the transport options taken.

**Assumptions:**

The increase in the proportion of visitors arriving at the parks and greenways by bicycle or on foot could be attributed to a number of factors including:

- Increased population in urban areas,
- Increased proximity of urban areas to destination parks and trails;
- Improvements to green infrastructure such as improved pedestrian and cycle linkages to parks; and
- A general cultural shift in attitudes towards parks and greenways and using methods of transport other than cars.
GENDER DEMOGRAPHICS

<table>
<thead>
<tr>
<th></th>
<th>1989 Visitor Satisfaction and Usage Survey</th>
<th>2013 Regional Park Visitor Survey</th>
</tr>
</thead>
<tbody>
<tr>
<td>Frequency of Visits</td>
<td>Question 17</td>
<td>Question 9e</td>
</tr>
<tr>
<td></td>
<td>Whether respondent is male or female?</td>
<td>What gender are you?</td>
</tr>
<tr>
<td>Male</td>
<td>59%</td>
<td>48%</td>
</tr>
<tr>
<td>Female</td>
<td>41%</td>
<td>52%</td>
</tr>
</tbody>
</table>

The male to female ratio of survey respondents has remained relatively static over the last 24 years and is in line with the global ratio of males to females.

AGE GROUP DEMOGRAPHICS

<table>
<thead>
<tr>
<th></th>
<th>1989 Visitor Satisfaction and Usage Survey</th>
<th>2013 Regional Park Visitor Survey</th>
</tr>
</thead>
<tbody>
<tr>
<td>Question 7b</td>
<td>In which age category do you fall?</td>
<td>Question 9f</td>
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<tr>
<td></td>
<td>What year were you born?</td>
<td></td>
</tr>
<tr>
<td>Zero to 19 years old</td>
<td>4%</td>
<td>Under 24 years old</td>
</tr>
<tr>
<td>20 to 40 years old</td>
<td>47%</td>
<td>25 to 40 years old</td>
</tr>
<tr>
<td>41 to 60 years old</td>
<td>30%</td>
<td>41 to 60 years old</td>
</tr>
<tr>
<td>Over 60 years old</td>
<td>19%</td>
<td>Over 60 years old</td>
</tr>
</tbody>
</table>

The largest age group that responded to the 2013 survey was within the 41-60 age group at 47%, followed by survey respondents over age 60 at 24%, and 22% for the 25-40 age group. Only 7% of respondents were under the age of 24.

The proportion of visitors in each age range has increased since the 1989 survey, except for the number 25 to 40 year olds which has dropped from approximately 47% to 22% in 2013.

It is possible that the group of 20 to 40 year old representing 47% visitors by age category in the 1989 survey is the same demographic entity 24 years later, now in the 41 to 60 year old category and representing the same proportion of visitors (47%) in the 2013 survey.
APPENDIX D: REGIONAL PARK VISITOR RESIDENCE CHARTS BY MUNICIPALITY

Figure 1: Aldergrove Regional Park - Visitor Residence
Figure 17: Kanaka Creek Regional Park - Visitor Residence

Figure 18: Lynn Headwaters Regional Park - Visitor Residence

Figure 19: Metepenagiag Trail Regional Park - Visitor Residence
Figure 20: Minnekhada Regional Park - Visitor Residence

Figure 21: Pacific Spirit Regional Park - Visitor Residence

Figure 22: Pitt River Regional Greenway - Visitor Residence
## APPENDIX E: VISITOR SURVEY LOCATIONS & SCHEDULE; PER PARK SURVEY SAMPLE SIZE & MARGIN OF ERROR

<table>
<thead>
<tr>
<th>Park &amp; sample size margin of error*</th>
<th>Site</th>
<th>Sample size</th>
<th>Date m/d/y</th>
<th>AM PM</th>
<th>Sample Day</th>
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<tbody>
<tr>
<td>Aldergrove</td>
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<td>AM</td>
<td>Thursday</td>
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<tr>
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<td>Sunday</td>
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<td>Astronomy Field trailhead (Pepin Brook loop trail)</td>
<td>16</td>
<td>8/13/13</td>
<td>PM</td>
<td>Tuesday</td>
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<td>Aldergrove Bowl Picnic &amp; Marsh Pond loop</td>
<td>34</td>
<td>9/10/13</td>
<td>PM</td>
<td>Tuesday</td>
</tr>
<tr>
<td><strong>Total</strong></td>
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<td>AM</td>
<td>Friday</td>
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<td>1</td>
<td>9/28/13</td>
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<td>Picnic Area Grounds</td>
<td>41</td>
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<td>Monday</td>
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<td>77</td>
<td>7/23/13</td>
<td>PM</td>
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<td>31</td>
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<td>Date</td>
<td>Time</td>
<td>Day</td>
</tr>
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<td>Thursday</td>
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<td>Sunday</td>
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<td>Brunette Fraser Greenway</td>
<td>Stoney Cr. Bridge (near Cariboo Place Entrance)</td>
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<td>Thursday</td>
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<td>Stoney Cr. Bridge (near Cariboo Place Entrance)</td>
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<td>Glencarin Entrance/Freeway Trailhead</td>
<td>13</td>
<td>9/8/13</td>
<td>AM</td>
<td>Sunday</td>
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<td>Tuesday</td>
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<td>North Valley Entrance/Little River Loop</td>
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<td>AM</td>
<td>Saturday</td>
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<td>South Valley entrance/Group picnic/event</td>
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<td>9/8/13</td>
<td>PM</td>
<td>Sunday</td>
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<td>Thursday</td>
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<td>Date</td>
<td>Time</td>
<td>Day</td>
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<td>AM</td>
<td>Friday</td>
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<td></td>
<td>Wetland Entrance</td>
<td>16</td>
<td>7/15/13</td>
<td>PM</td>
<td>Monday</td>
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<td>9</td>
<td>9/28/13</td>
<td>AM</td>
<td>Saturday</td>
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<td>Saturday</td>
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<td>Boardwalk/Festival Field at Davies Creek Foot Bridge</td>
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<td>PM</td>
<td>Sunday</td>
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<tr>
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<td>24</td>
<td>8/02/13</td>
<td>AM</td>
<td>Friday</td>
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<td>Intersection of Meadow Trail and Killarney Creek Trail</td>
<td>32</td>
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<td>PM</td>
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<td>Fisher’s Field Picnic Area</td>
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<td>Picnic Area at Inverholme School and Fraser River</td>
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<td>7</td>
<td>8/29/13</td>
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<td>Thursday</td>
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<td>Delta Deas Rowing Club</td>
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<td>Friday</td>
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<td>Colebrook Road Entrance</td>
<td>13</td>
<td>8/5/13</td>
<td>PM</td>
<td>Monday</td>
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<tr>
<td></td>
<td>Railway overpass at Watershed Park</td>
<td>14</td>
<td>9/15/13</td>
<td>AM</td>
<td>Sunday</td>
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<tr>
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<td>Heritage Area</td>
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<td>Sunday</td>
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<td>PM</td>
<td>Thursday</td>
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<td>Edgewater Bar – picnic, trail, waterfront</td>
<td>53</td>
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<td>AM</td>
<td>Friday</td>
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<td></td>
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<tr>
<td>Park</td>
<td>Location/Activity</td>
<td>Count</td>
<td>Date</td>
<td>Time</td>
<td>Day</td>
</tr>
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<td>Glen Valley</td>
<td>Two Bit Bar</td>
<td>15</td>
<td>7/28/13</td>
<td>AM</td>
<td>Sunday</td>
</tr>
<tr>
<td>±11.31</td>
<td>Two Bit Bar</td>
<td>23</td>
<td>8/28/13</td>
<td>PM</td>
<td>Wednesday</td>
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<td>Poplar Bar – picnic, trail</td>
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<td>9/26/13</td>
<td>AM</td>
<td>Thursday</td>
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<tr>
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<td>Poplar Bar – picnic, trail</td>
<td>12</td>
<td>8/3/13</td>
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<td>Tuesday</td>
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<td>Iona Beach</td>
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<td>South Jetty Entrance</td>
<td>40</td>
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<td>AM</td>
<td>Sunday</td>
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<td>North Arm Jetty Entrance at Gate</td>
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<td>Friday</td>
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<td>Bell Irving/Picnic or Canyon trail</td>
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<td>8/10/13</td>
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<td>Saturday</td>
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<td>Fraser Riverfront</td>
<td>34</td>
<td>9/19/13</td>
<td>PM</td>
<td>Thursday</td>
</tr>
<tr>
<td></td>
<td>Cliff Falls</td>
<td>27</td>
<td>7/14/13</td>
<td>PM</td>
<td>Sunday</td>
</tr>
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<td><strong>Total</strong></td>
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<td>84</td>
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<td>Lynn Headwaters</td>
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<td>Thursday</td>
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<td>Saturday</td>
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<td></td>
<td>At Grouse Kiosk</td>
<td>29</td>
<td>9/13/13</td>
<td>AM</td>
<td>Saturday</td>
</tr>
<tr>
<td></td>
<td>At Grouse Kiosk</td>
<td>14</td>
<td>9/29/13</td>
<td>AM</td>
<td>Sunday</td>
</tr>
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<td><strong>Total</strong></td>
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<td>Page Road</td>
<td>6</td>
<td>7/9/13</td>
<td>AM</td>
<td>Tuesday</td>
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<td>Thursday</td>
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<td>Mission Bridge: Picnic/Dyke trail</td>
<td>17</td>
<td>8/5/13</td>
<td>PM</td>
<td>Monday</td>
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<tr>
<td></td>
<td>Page Road</td>
<td>26</td>
<td>9/15/13</td>
<td>AM</td>
<td>Sunday</td>
</tr>
<tr>
<td><strong>Total</strong></td>
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<td>Minnekhada</td>
<td>Quarry Rd Trail head</td>
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<td>7/6/13</td>
<td>AM</td>
<td>Saturday</td>
</tr>
<tr>
<td>±7.62</td>
<td>Quarry Rd Trail head</td>
<td>23</td>
<td>8/22/13</td>
<td>AM</td>
<td>Thursday</td>
</tr>
<tr>
<td></td>
<td>The Lodge Picnic Area</td>
<td>21</td>
<td>9/22/13</td>
<td>PM</td>
<td>Sunday</td>
</tr>
<tr>
<td>(&quot;July &amp; August, the lodge road is closed, so this site becomes redundant)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>The Lodge Picnic Area</td>
<td>11</td>
<td>9/30/13</td>
<td>PM</td>
<td>Monday</td>
</tr>
<tr>
<td>(&quot;July &amp; August, the lodge road is closed, so this site becomes redundant)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td>165</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Park Name</td>
<td>Location</td>
<td>Surveys</td>
<td>Date</td>
<td>Time</td>
<td>Day</td>
</tr>
<tr>
<td>-------------------------</td>
<td>---------------------------------------------</td>
<td>---------</td>
<td>------------</td>
<td>--------</td>
<td>---------</td>
</tr>
<tr>
<td><strong>Pacific Spirit</strong></td>
<td>29&lt;sup&gt;th&lt;/sup&gt; &amp; Imperial entrance</td>
<td>167</td>
<td>7/27/13</td>
<td>AM</td>
<td>Saturday</td>
</tr>
<tr>
<td>±4.73</td>
<td>W 16&lt;sup&gt;th&lt;/sup&gt; at parking lot</td>
<td>45</td>
<td>8/12/13</td>
<td>PM</td>
<td>Monday</td>
</tr>
<tr>
<td><strong>HOLIDAY WEEKEND</strong></td>
<td>Top of Trail 6 (above Wreck Beach)</td>
<td>153</td>
<td>9/1/13</td>
<td>PM</td>
<td>Sunday</td>
</tr>
<tr>
<td>Camosun &amp; 33rd</td>
<td>55</td>
<td>7/16/13</td>
<td>AM</td>
<td>Tuesday</td>
<td></td>
</tr>
<tr>
<td>Camosun &amp; 34</td>
<td>1</td>
<td>7/16/13</td>
<td>AM</td>
<td>Tuesday</td>
<td></td>
</tr>
<tr>
<td>Camosun &amp; 35</td>
<td>1</td>
<td>7/16/13</td>
<td>AM</td>
<td>Tuesday</td>
<td></td>
</tr>
<tr>
<td>Camosun &amp; 36</td>
<td>1</td>
<td>7/16/13</td>
<td>AM</td>
<td>Tuesday</td>
<td></td>
</tr>
<tr>
<td>Camosun &amp; 37</td>
<td>1</td>
<td>7/16/13</td>
<td>AM</td>
<td>Tuesday</td>
<td></td>
</tr>
<tr>
<td>Camosun &amp; 38</td>
<td>1</td>
<td>7/16/13</td>
<td>AM</td>
<td>Tuesday</td>
<td></td>
</tr>
<tr>
<td>Camosun &amp; 39</td>
<td>1</td>
<td>7/16/13</td>
<td>AM</td>
<td>Tuesday</td>
<td></td>
</tr>
<tr>
<td>Camosun &amp; 40</td>
<td>1</td>
<td>7/16/13</td>
<td>AM</td>
<td>Tuesday</td>
<td></td>
</tr>
<tr>
<td>Camosun &amp; 41</td>
<td>1</td>
<td>7/16/13</td>
<td>AM</td>
<td>Tuesday</td>
<td></td>
</tr>
<tr>
<td>Camosun &amp; 42</td>
<td>1</td>
<td>7/16/13</td>
<td>AM</td>
<td>Tuesday</td>
<td></td>
</tr>
<tr>
<td>Camosun &amp; 43</td>
<td>1</td>
<td>7/16/13</td>
<td>AM</td>
<td>Tuesday</td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td>430</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Pitt River Greenway</strong></td>
<td>Harris Landing</td>
<td>35</td>
<td>7/2/13</td>
<td>AM</td>
<td>Tuesday</td>
</tr>
<tr>
<td>±11.02</td>
<td>Pitt River Bridge</td>
<td>14</td>
<td>8/10/13</td>
<td>AM</td>
<td>Saturday</td>
</tr>
<tr>
<td></td>
<td>Pitt River Bridge</td>
<td>1</td>
<td>9/5/13</td>
<td>PM</td>
<td>Thursday</td>
</tr>
<tr>
<td></td>
<td>Harris Landing</td>
<td>29</td>
<td>9/29/13</td>
<td>PM</td>
<td>Sunday</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td>79</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td><strong>Seymour River Greenway</strong></td>
<td>LSCR lower gate entrance near cemetery</td>
<td>21</td>
<td>7/10/13</td>
<td>AM</td>
<td>Wednesday</td>
</tr>
<tr>
<td>±13.44</td>
<td>LSCR lower gate entrance near cemetery</td>
<td>23</td>
<td>7/20/13</td>
<td>PM</td>
<td>Saturday</td>
</tr>
<tr>
<td></td>
<td>Entrance at Lillooet Road &amp; Mt Seymour Park</td>
<td>8</td>
<td>8/29/13</td>
<td>PM</td>
<td>Thursday</td>
</tr>
<tr>
<td></td>
<td>Parkway</td>
<td>1</td>
<td>9/22/13</td>
<td>AM</td>
<td>Sunday</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td>53</td>
<td></td>
<td></td>
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</tr>
<tr>
<td><strong>Tynehead</strong></td>
<td>Serpentine Hills Entrance/Parking Lot (172&lt;sup&gt;nd&lt;/sup&gt;)</td>
<td>58</td>
<td>7/7/13</td>
<td>PM</td>
<td>Sunday</td>
</tr>
<tr>
<td>±7.26</td>
<td>Hatchery Parking Lot</td>
<td>32</td>
<td>8/8/13</td>
<td>AM</td>
<td>Thursday</td>
</tr>
<tr>
<td></td>
<td>Serpentine Fields Parking Lot (168&lt;sup&gt;th&lt;/sup&gt;)</td>
<td>38</td>
<td>8/26/13</td>
<td>PM</td>
<td>Monday</td>
</tr>
<tr>
<td></td>
<td>Serpentine Hills Entrance/Parking Lot (172&lt;sup&gt;nd&lt;/sup&gt;)</td>
<td>54</td>
<td>9/21/13</td>
<td>AM</td>
<td>Saturday</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td>182</td>
<td></td>
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</tr>
</tbody>
</table>

*Total surveys for each park (sample size) are compared to the average 5 year visitation and a sample error provided based on a 95% confidence interval.*