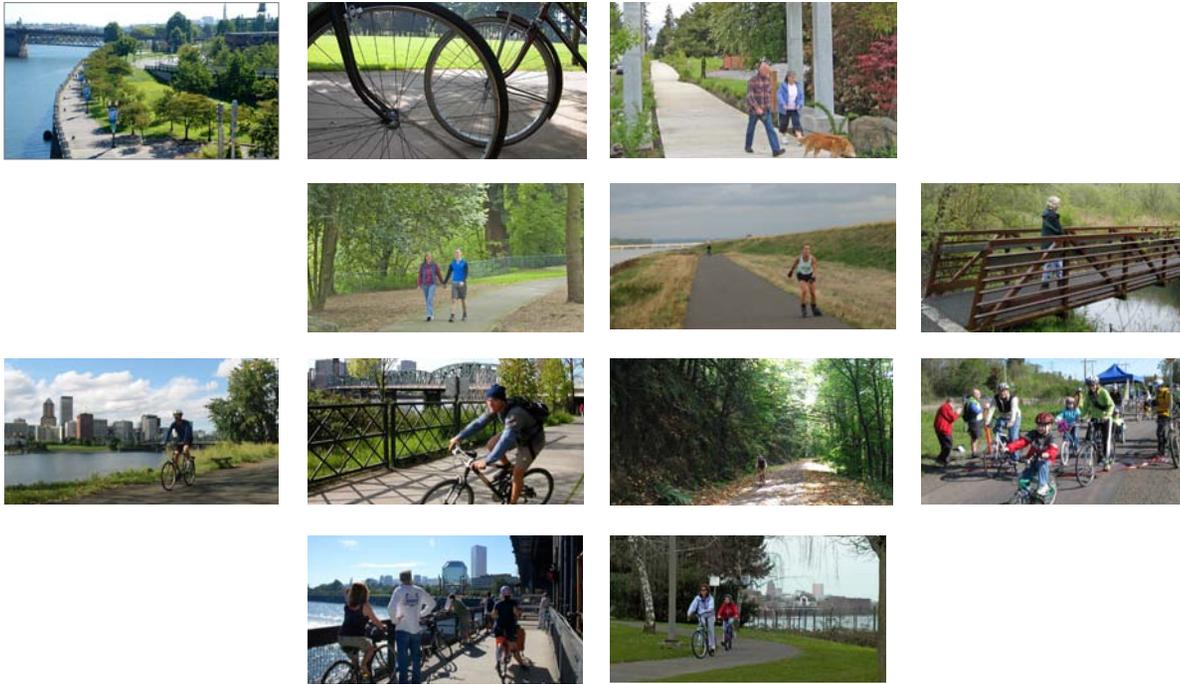


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Intertwine trail use snapshot:

An analysis of National Bicycle and Pedestrian Documentation
Project data from **2008** to **2012**.



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ACKNOWLEDGMENTS

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The count effort would not be possible without our dedicated volunteers. Please let us know if we have failed to include your name.

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Betty Hadaway	Carol Hall	Debbie Shaw	Evan Corey and Brie Becker	James Parsons
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TABLE OF CONTENTS

Background	1
Trail Count Findings	5
Trends over time on individual trail corridors	7
Trail Survey Findings	11
Weather makes a difference	14

LIST OF FIGURES

Figure 1: Growth in Intertwine use.....	2
Figure 2: Data collection numbers at a glance.....	3
Figure 3: Trail corridors and count sites.....	4
Figure 4: Average mode share on The Intertwine.....	5
Figure 5: 2010 to 2012 estimated average annual volumes at key indicator locations along the top six Intertwine trail corridors	5
Figure 6: 2010 to 2012 estimated average annual volumes at key indicator locations along other Intertwine trail corridors	6
Figure 7: 2 hr counts on the Trolley Trail.....	7
Figure 8: Average annual trip volumes on The Intertwine	9
Figure 9: Gender balance on The Intertwine.....	10
Figure 10: Gender of Intertwine users on bikes	10
Figure 11: Gender of Intertwine users on foot.....	10
Figure 12: How often people use The Intertwine per month.....	11
Figure 13: Intertwine trip purpose	11

Figure 14: Factors influencing route choice	12
Figure 15: How Intertwine users get to the trail.....	12
Figure 16: Perceptions of Intertwine trail quality.....	13
Figure 17: Intertwine trail use across the seasons.....	14
Figure 18: Intertwine users prefer dry weather	14

APPENDICES

- A. Methodology Change from the 2008-2010 Intertwine Trail Use Snapshot**
- B. Trail Count and Survey Forms**
- C. Corridor-specific Trail Use Snapshots**

BACKGROUND

Each year, volunteers from throughout the region gather along trails to count and survey people biking and walking on The Intertwine – the Portland metropolitan area's system of trails, parks and natural areas. What have we learned from the last five years of counts and surveys? This report is a summary of our findings.

Data collection

More than 2,200 volunteer hours were spent counting and surveying bicyclists and pedestrians in the past five years. Volunteers collected 3,636 surveys and counted 117,764 trail users. Fifteen separate agencies have participated in the coordinated effort, following a standardized data collection process known as the National Bicycle and Pedestrian Documentation Project (NDPD).

Data is collected at the same week, day and time every year. Collection sites along trail corridors around the region were identified at locations known to have high levels of use. Two-hour counts are conducted twice at each site: once during the midweek evening rush-hour, and again on a weekend morning. An intercept survey of trail users is administered during the same periods. More information about the NBDP is available at www.bikepeddocumentation.org.

How is the information used?

- Secure grant funding
- Measure the return on investment of new facilities
- Decide where and when to build new trails
- Gather suggestions from trail users
- Agency budgeting
- Traffic modeling
- Understand trail user behavior

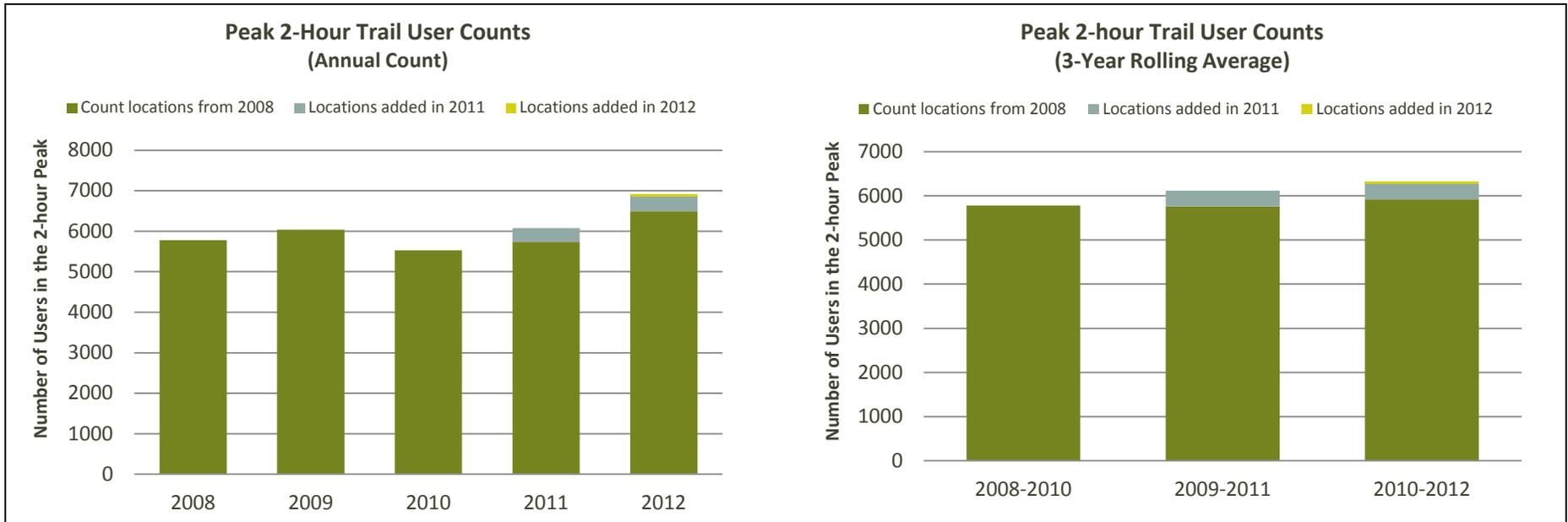


Data analysis

Five years of trail count data and trail user intercept survey data were analyzed to produce the tables and charts contained in this report. Based on the availability of data, 32 priority trail corridors were selected for analysis. Some corridors are represented by a single count site; other corridors are composed of data from multiple sites. See Appendix A for more detail. Extrapolation factors were used to convert the 2-hour count data into estimated daily and annual totals.¹

Activity levels of bicyclists and pedestrians at a given location can vary day to day, including for reasons related to weather. To address this inherent variability in non-motorized activity, the results on the right side of Figure 1 present activity as a three-year rolling average. For example, the 2010-2012 count is the average of the 2010, 2011 and 2012 count. This method is used in other count programs³ to mitigate year-to-year variability. For reference, the left side of Figure 1 also includes actual count volumes recorded in each year.

Figure 1: Growth in Intertwine use²



¹ 2011 National Bicycle and Pedestrian Documentation Project (NBPD) methodology. <http://bikepeddocumentation.org/>

² Based on counts at core locations on 32 trail corridors. This chart differs from the 2008-2010 Intertwine Trail Use Snapshot Figure 1 due to changes in methodology (see Appendix A).

³ New York City Department of Transportation for its Commuter Cycling Indicator <http://www.nyc.gov/html/dot/html/bicyclists/nycbicyclesrcrct.shtml>

Figure 2: Data collection numbers at a glance

Year	Participating agencies	Volunteer hours ⁴	Count Sessions conducted	Surveys collected	Individuals Counted
2008	6	207	69	696	16,678
2009	9	384	128	1,119	22,011
2010	12	510	170	1,197	19,277
2011	13	591	197	420	25,229
2012	18	588	196	204	34,569
total	18	2,280	760	3,636	117,764



⁴ Volunteer hours are estimated by multiplying 'sessions conducted' by 3. Many sessions are staffed by more than one volunteer.

Like the count analysis, trail user intercept surveys were considered in aggregate across an entire trail corridor and responses from multiple years were combined⁵. Results were analyzed by user type and a corridor total was created by weighting responses to reflect the relative proportions of pedestrians and bicyclists based on the count data for the same sites. To create the survey figures for the entire Intertwine system, results from individual corridors were combined and weighted relative to the observed volumes of users on each trail.

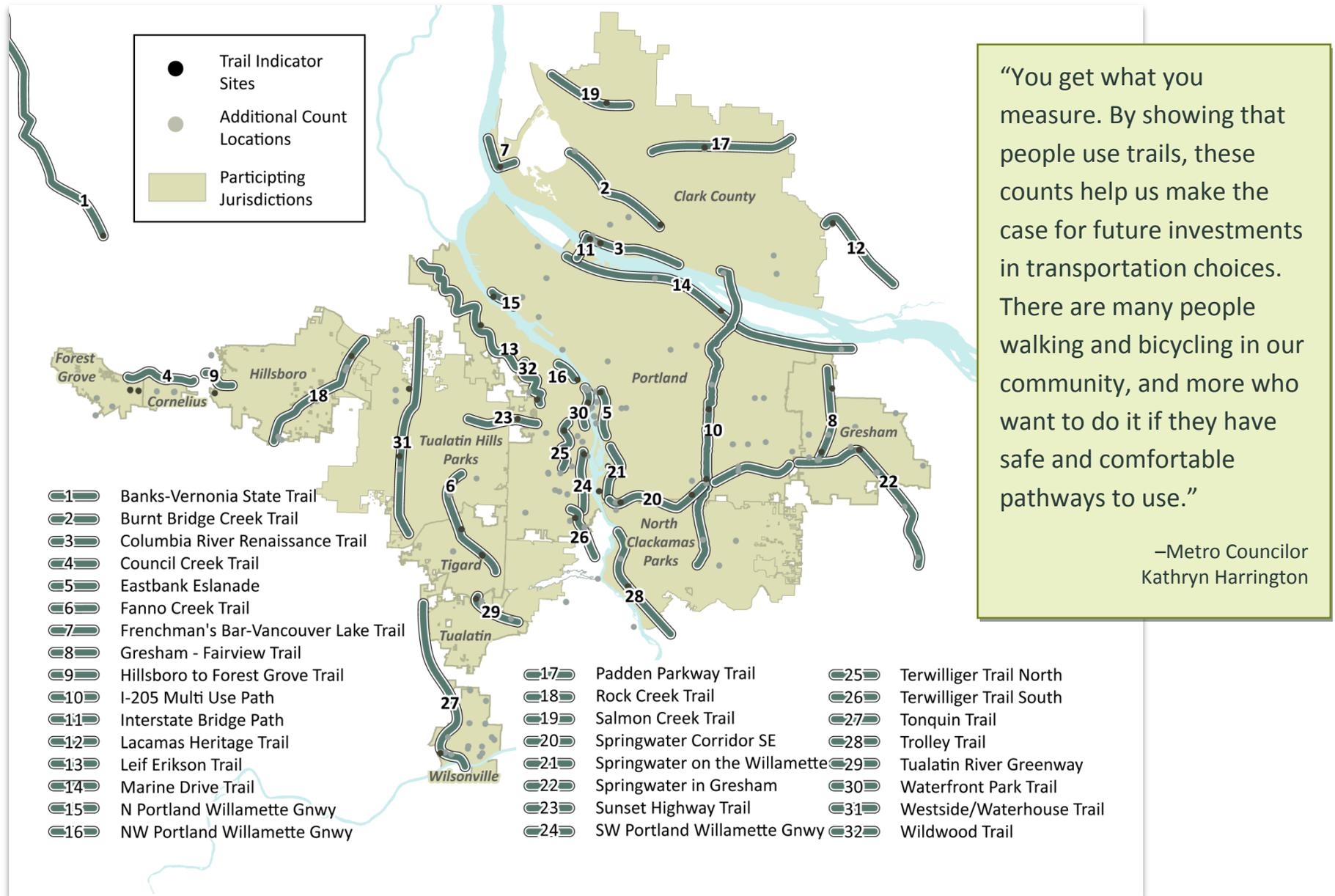
2010-2012 Trail use findings at a glance

- There were an estimated 21.1 million annual user trips the at the 32 priority trail corridor locations.⁵ (see Figure 5 and Figure 6)
- Trail use varies year-to-year. Across 27 sites tracked since 2008, the 2010-2012 count seasons show a 2 percent increase over counts from 2008-2010. (see Figure 1)
- Trail count data indicates that trail use is split evenly between bicyclists and pedestrians. (see Figure 4)
- 70 percent of Intertwine bicyclists are male, but pedestrians are evenly split between the two genders.
- Most bicycle trips on The Intertwine were reported to be for transportation. (see Figure 13)
- Nearly all pedestrian trips on The Intertwine were reported to be for recreation. (see Figure 13)

⁵ Some trails lacked adequate intercept survey response rates and were not included in the survey analysis.

⁶ This total is a conservative estimate calculated from 2-hour peak counts averaged across multiple years for each trail corridor between 2010 and 2012.

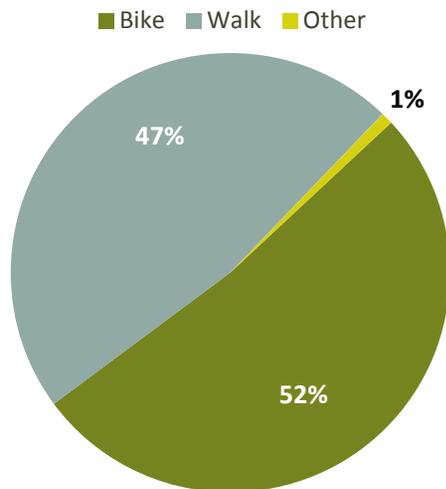
Figure 3: Trail corridors and count sites



TRAIL COUNT FINDINGS

Across the region, the share of bicycle and pedestrian users on The Intertwine is nearly even, with pedestrians representing fifty-two percent and bicyclists representing forty-seven percent of total trips. Other modes such as wheelchairs, horses, roller blades, and skateboards make up the remaining one percent of users, as shown in Figure 4.

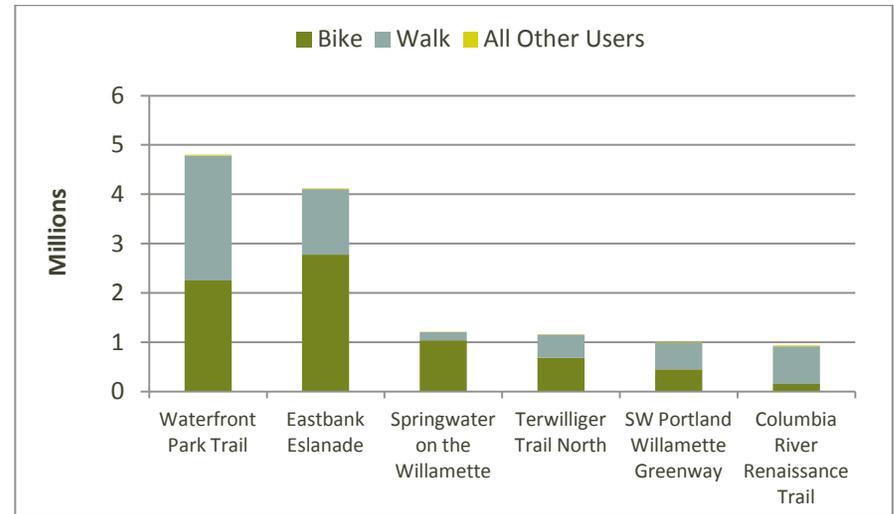
Figure 4: Average mode share on The Intertwine



However, the relative share of bicyclists and pedestrians does vary depending on the trail, as shown in Figures 5 and 6. For example, Portland’s Waterfront Park and Southwest Willamette River

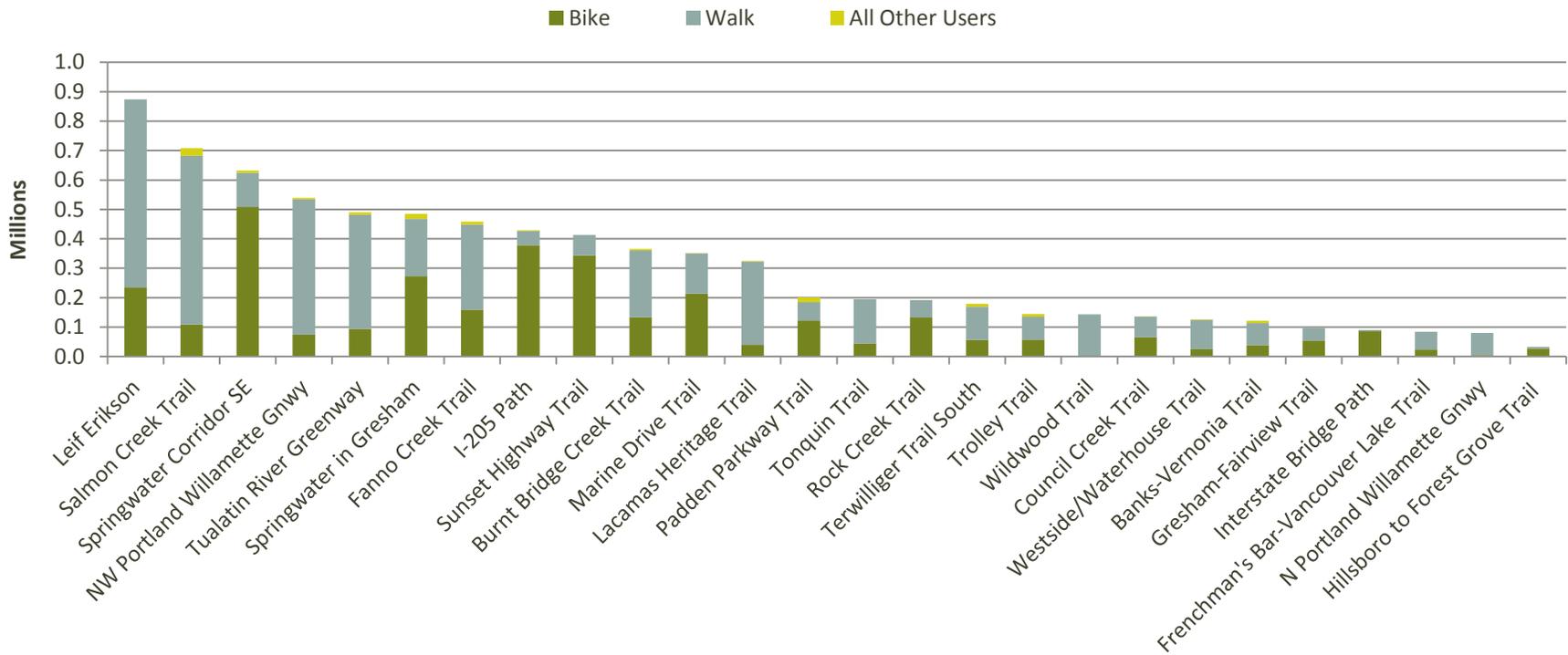
Greenway and Vancouver’s Burnt Bridge Creek Trail show an even split between bicyclists and pedestrians, while trails like the Columbia River Renaissance Trail and the Tonquin Trail show a significantly higher rate of pedestrian usage.

Figure 5: 2010 to 2012 estimated average annual volumes at key indicator locations along the top six Intertwine trail corridors



Each of the trails next to busy roads or freeways, for example, tends to experience higher numbers of people on bikes than people on foot. These trails include the Eastbank Esplanade, I-205 Multi Use Path, Sunset Highway Path, Padden Parkway and the I-5 Bridge Path. This is not surprising since bicyclists reported using trails for transportation, and these trails are adjacent to major transportation corridors connecting them to popular destinations.

Figure 6: 2010 to 2012 estimated average annual volumes at key indicator locations along other Intertwine trail corridors⁷



Another characteristic shared by trails with high percentages of people on bikes is that they tend to be part of longer, connected corridors, allowing bicyclists to travel farther and faster. The two sections of the Springwater Corridor featured in this report – Springwater on the Willamette and the Gresham Springwater Trail – are two good examples.

Conversely, trails with higher percentages of people on foot tend to be shorter or less direct, but they are more likely to feature scenic experiences of creeks, rivers and other natural features. For example, the Columbia River Renaissance Trail, Tonquin Trail, and Tualatin River Greenway Trail each have high pedestrian volumes in spite of being short and incomplete. The survey results presented in Figure 14 support this, showing that pedestrians' choice of where to walk is influenced far more by a trail's scenic qualities than its directness or connectivity.

⁷ Annual count volume estimates for each corridor differ from those published in the 2008-2010 count report due to a change in methodology designed to allow for more consistent reporting. See Appendix A for more details of the methodology.

TRENDS OVER TIME ON INDIVIDUAL TRAIL CORRIDORS

As more and more trail count data is collected over time, it may be possible to infer changes in the use of individual trail corridors. In the short term, variation in observed count volumes from year to year is expected due to normal fluctuations in use.

In some cases, annual observations change dramatically. Figure 7 shows the change in 2 hour counts along the Trolley Trail.

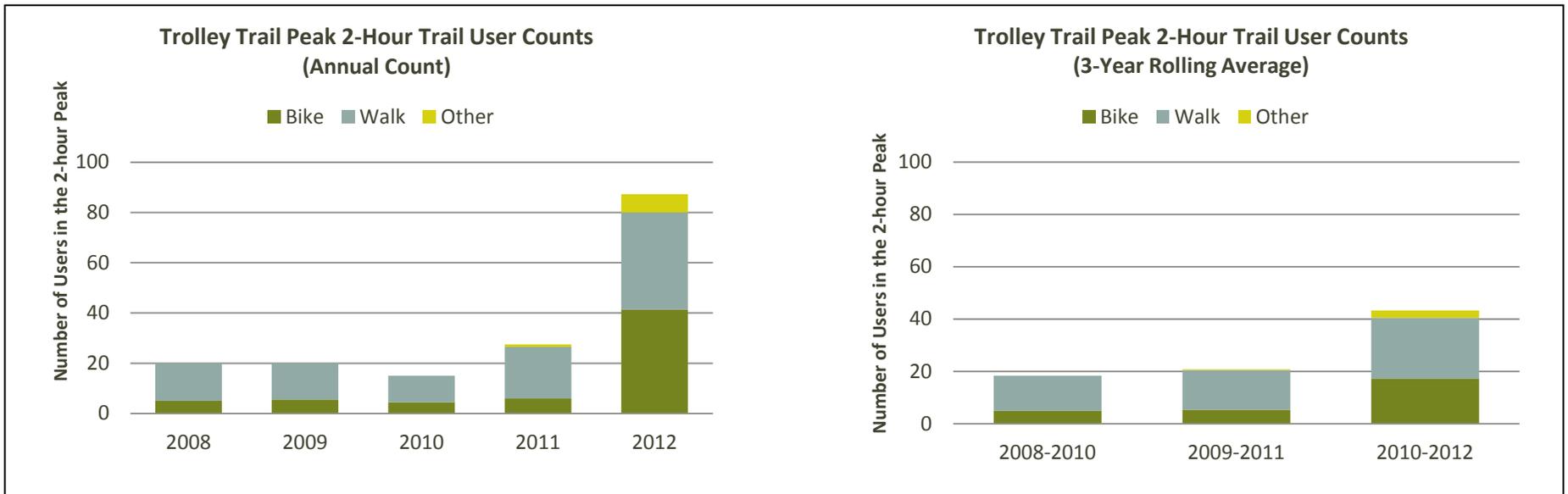
There is a very good reason for the large increase in count observations in 2012: this was the first year counts were performed after the completion of the Trolley Trail.

Figure 7: 2 hr counts on the Trolley Trail

Until 2012, the so-called Trolley Trail was an overgrown pathway along an abandoned trolley line. The Trolley Trail had been a popular route for neighborhood pedestrians for decades, ever since the trolley stopped running in the late 1950s.

Because the surface was muddy most months of the year and the corridor was overgrown with blackberries and other weeds, it failed to live up to its potential as a transportation and recreation corridor.

In 2012, the Trolley Trail was developed to AASHTO⁸ standards as a fully paved shared-use path. The 2012 counts seem to indicate that usage of this trail has increased dramatically. We look forward to seeing what future counts reveal as more of the community discovers and enjoys this fantastic new resource.



⁸ American Association of State Highway and Transportation Officials

Figure 8: Average annual trip volumes on The Intertwine

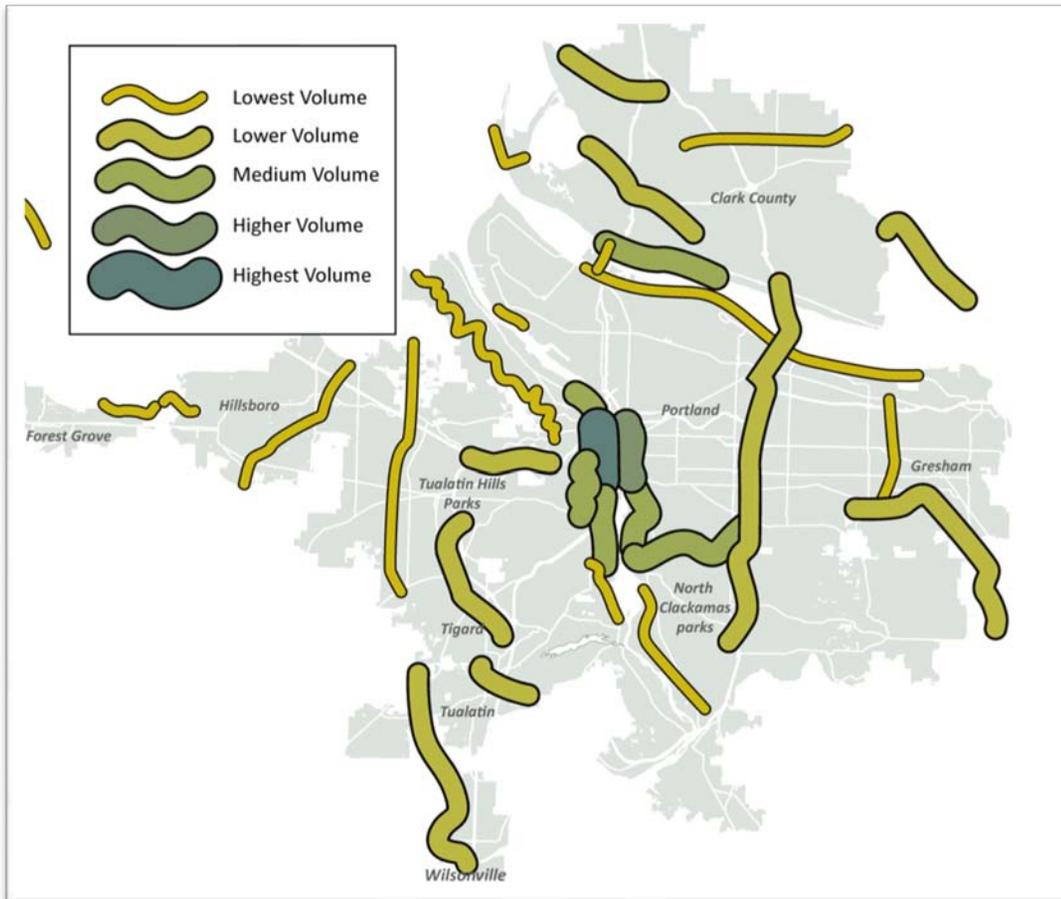


Figure 8 shows that trails in Portland’s central city experience the highest use. The two trails with the highest volume of users – Waterfront Park and the Eastbank Esplanade – form a continuous two and a half-mile long loop around the river. This makes them immediately accessible to jobs and shopping destinations and ideal for lunchtime jogs or strolls.

2010-2012 Trail use findings at a glance, cont.

- With an estimated volume of 4.8 million trips per year, the Willamette River Greenway in Portland’s Tom McCall Waterfront Park is The Intertwine’s most popular trail. (see Figure 5)
- Trails next to freeways and busy roadways draw significantly more bicyclists than pedestrians.
- Longer, better connected trails tend to have a higher proportion of bicyclists.
- Shorter, less connected trails tend to have a higher proportion of pedestrians.
- 92 percent of survey respondents were repeat users of the trail they were surveyed on. (see Figure 12)
- 22 percent of survey respondents are daily users of the trail they were surveyed on. (see Figure 12)

In addition to knowing which trails are most used and by how many people, it is also valuable to know who uses them. Demographic information is useful for targeting audiences in public engagement efforts. Trail users were asked their age in the intercept survey⁹. Their gender was observed by the volunteers and recorded on the count forms.

The average age of trail users surveyed was 44 years-old, which is considerably older than the median age of 36 for metro area residents¹⁰. Reaffirming the findings of Portland’s annual bike counts, the Intertwine NBP found that 71 percent of cyclists are male. In light of this finding, trail managing agencies may wish to consider strategies for making trails more appealing to women.

Figure 9: Gender balance on The Intertwine¹¹

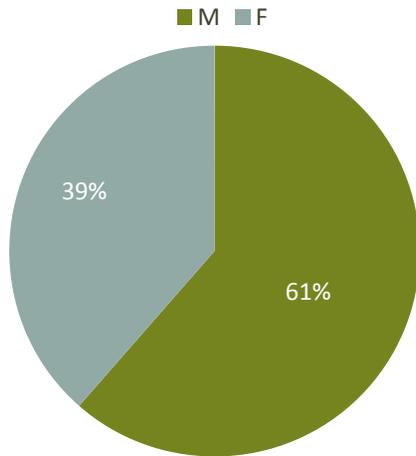


Figure 10: Gender of Intertwine users on bikes

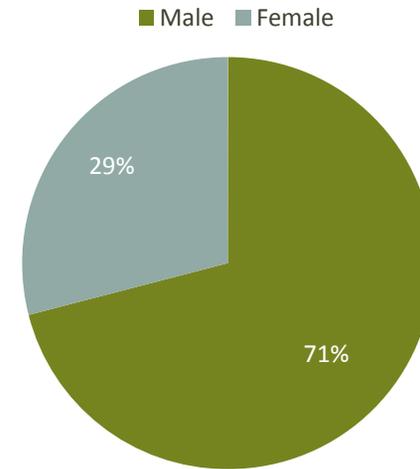
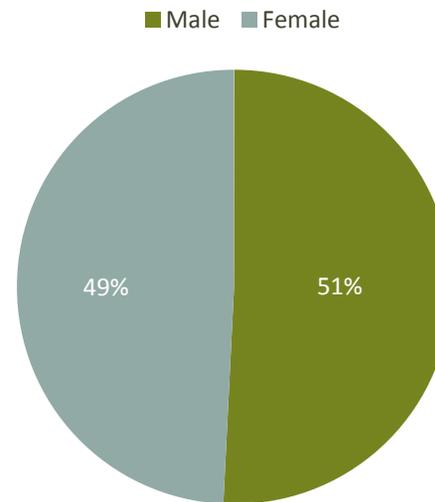


Figure 11: Gender of Intertwine users on foot



⁹ A question pertaining to race and ethnicity was included in the 2009 and 2010 surveys, but the data has not been analyzed.

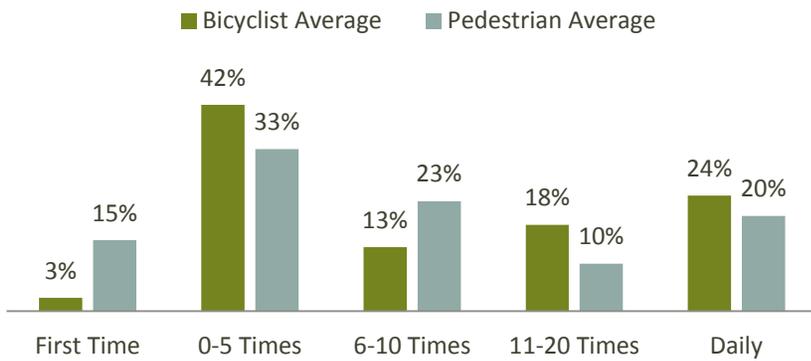
¹⁰ Portland Regional Fact Book, 2007. Portland Development Commission.

¹¹ Summary information for individual trail corridors can be found in Appendix C.

Trail Survey Findings¹²

Over 90 percent of trail users responded that they had used the trail at least once in the previous month and 22 percent reported that they use the same trail daily. These numbers, displayed in Figure 12, show the importance of trails as part of people’s daily lives.

Figure 12: How often people use The Intertwine per month



Trail users were asked if the purpose of their trip was for pleasure/exercise, going to/from work or school, or for shopping or doing errands. Looking at all Intertwine users as a whole, 60 percent use trails for recreation while 40 percent use trails for transportation. These findings support the belief that trails are transportation facilities, equal in importance to roads or highways. But attention must also be given to their dual role as recreational amenities.

¹² Survey findings presented here are from 2008-2010 surveys and do not include trail corridors surveyed in 2011 or 2012.

Figure 13: Intertwine trip purpose

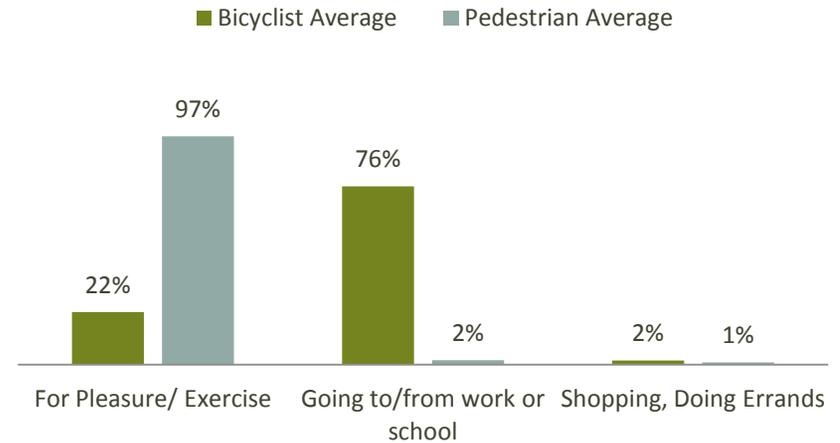
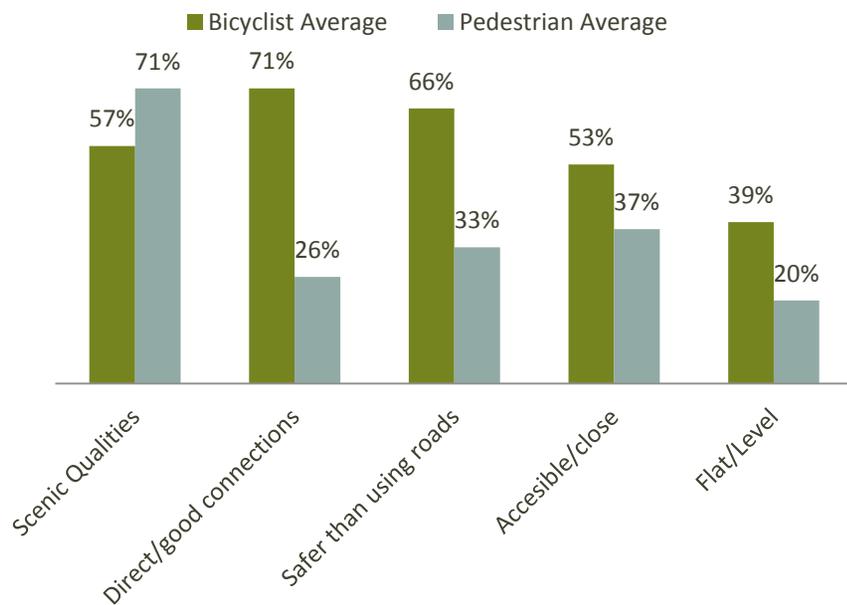


Figure 13 breaks down the trip purpose question further by separating the survey responses by bicyclists and pedestrians. While 78 percent of bike trips were reported to be for transportation, 97 percent of pedestrian trips were reported to be for recreation, showing a strong relationship between mode and trip purpose. Pedestrians probably account for so few transportation trips on trails because most trips to work or school are too far to walk.

Since we now know that most bicyclists have different trip purposes than pedestrians, it seems likely that the two types of users would choose their routes for different reasons. Figure 14 shows that pedestrians' route choices are overwhelmingly influenced by a trail's scenic qualities. Because of their non-utilitarian nature, it makes sense that most pedestrian route choices would be more influenced by scenic qualities than directness.

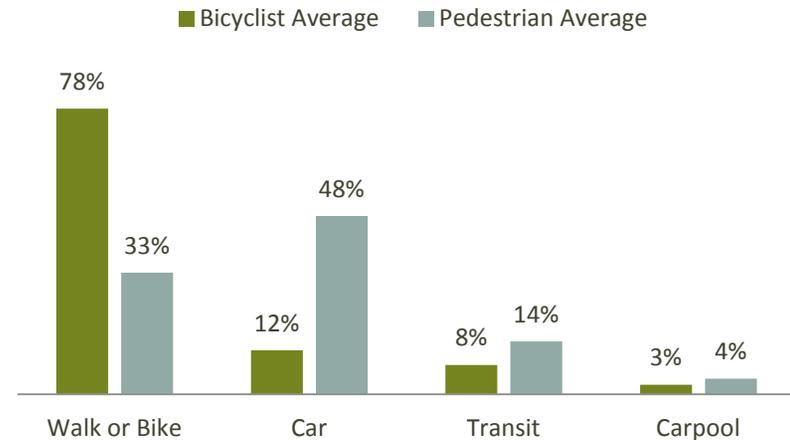
Figure 14: Factors influencing route choice



Bicyclists' responses to the question are more evenly distributed than pedestrians', but vary depending on which trail they are riding on. The top two responses by bicyclists – direct/good connections and safer than roads – are the two responses that one would expect to be most closely associated with transportation trips. Also to be expected is that

the responses show bicyclists are more sensitive to steep slopes than pedestrians.

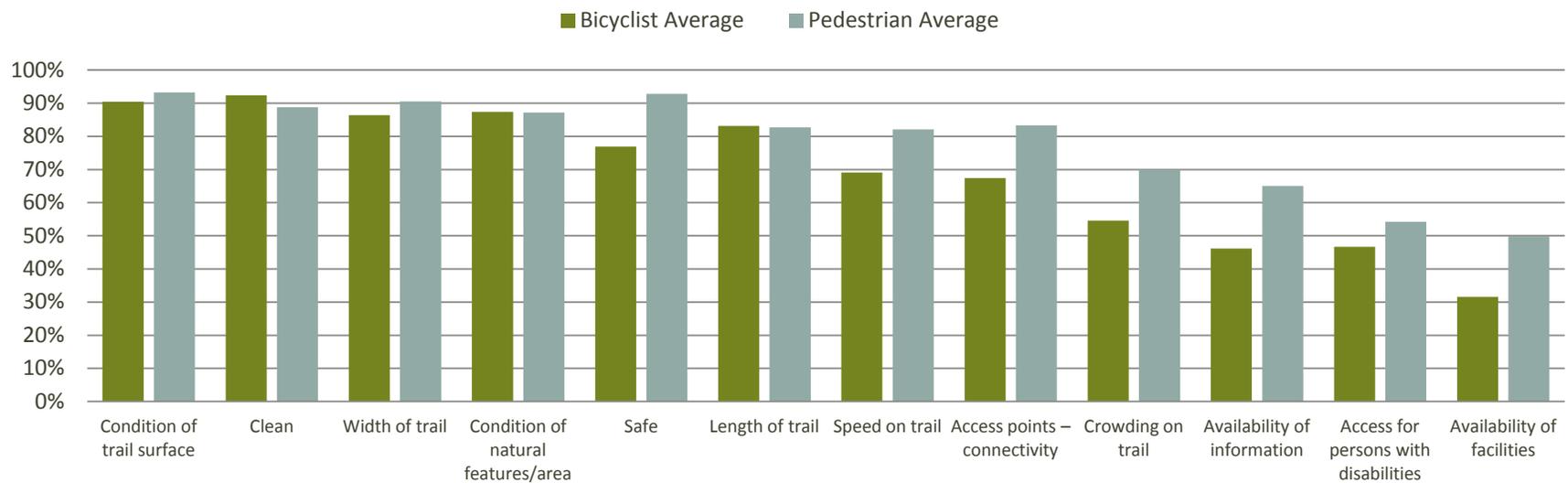
Figure 15: How Intertwine users get to the trail¹³



It is useful to understand what other modes of travel people use to get from home to the trail. Figure 15 shows that bicyclists overwhelmingly arrive at the trail by bike. Pedestrians are more likely than bicyclists to use other modes, such as transit or carpool, and are four times as likely to drive to the trail. Bicyclists' tendency to bike to trails could explain why closeness is a more important route choice factor than for pedestrians, whose preference of driving to the trail gives them access to more distant trails.

¹³ The survey asked trail users "what other modes of travel were used in your trip today?"

Figure 16: Perceptions of Intertwine trail quality¹⁵



Trail use findings at a glance, continued:

- Most bicycle trips on The Intertwine were reported to be for transportation. (see Figure 13)
- Nearly all pedestrian trips on The Intertwine were reported to be for recreation. (see Figure 13)
- Bicyclist report more consistent use across seasons than pedestrians. (see Figure 17)
- Pedestrians typically drive to and from the trail. (see Figure 15)
- Bicyclists typically bike to and from the trail. (see Figure 15)

Trail users were asked to rate the trail on the quality of several conditions. Figure 16 represents the aggregate of all trails surveyed and paints a generally positive picture of the public’s perception of trail conditions. Overall, people are generally satisfied with trail conditions such as trail width, length, surface, cleanliness, and surrounding natural areas.

¹⁵ Survey respondents gave a 1 through 5 (Poor to Excellent) rating to each of the above trail conditions. Figure 16 shows the percentage of responses that were either “excellent” or “good”.

WEATHER MAKES A DIFFERENCE

Survey respondents reported that they do not to use trails as much in the winter. Figure 17 shows a similar trend for bicyclists and pedestrians. It appears that bicyclist may be slightly steadier throughout the year than walking. This could be because the recreational trips made by pedestrians are more discretionary than the transportation trips made by most bicyclists.

Figure 17: Intertwine trail use across the seasons

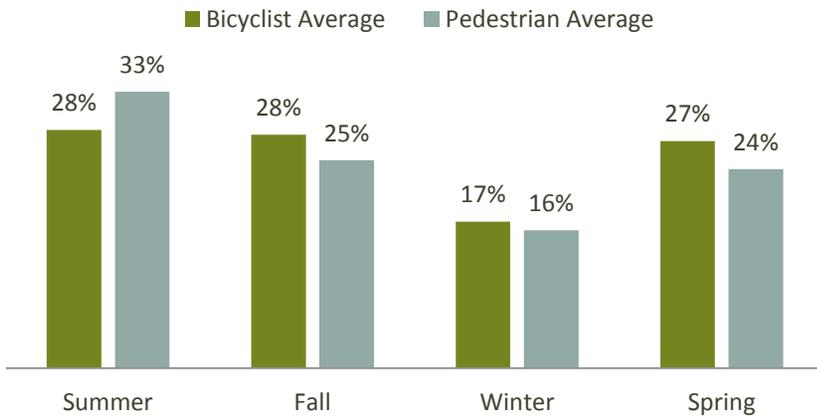
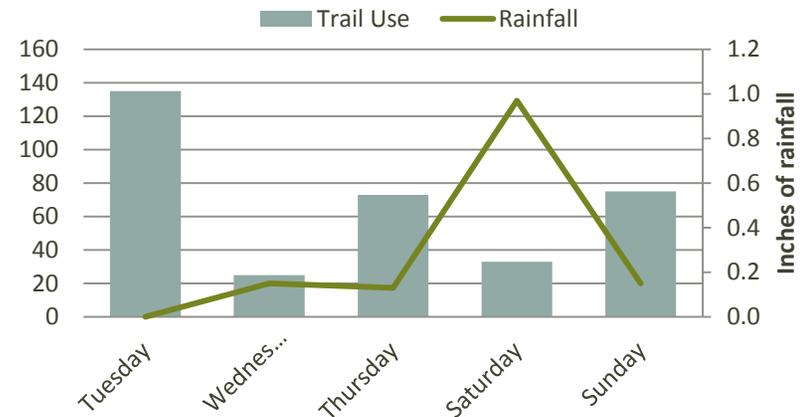


Figure 18 shows count data from a site on the Fanno Creek Trail at North Dakota Street in Tigard. The graph clearly shows that trail use is up when it's dry and down when it's rainy. The 2010 count season was rainier, windier, and had lower temperatures than the previous two years. Although overall trail use grew from 2009 to 2010, several individual count sites saw drops in trail use due to poor weather. For example, trail use on the Eastbank Esplanade at OMSI dropped 36%, from 5,200 daily trips on a sunny day in 2009 to 3,300 trips on a rainy day in 2010. Trail users are clearly influenced by the weather.

Figure 18: Intertwine users prefer dry weather



FUTURE RECOMMENDATIONS

Over the past five years we've learned a lot about The Intertwine's regional trail system. Trails are a part of people's everyday lives... especially when the weather is nice! Whether they are on their way to work or just out for a weekend stroll, bicyclists and pedestrians alike choose trails as the scenic and safe alternative to roads. Overall, they are very satisfied with the quality of the trails.

We have seen steady growth in trail use since 2008. We are optimistic that these trends will continue into the future.

Ongoing, annual counts and surveys will be vital to show our success and to continue to provide the public with the trail experience they love.

Appendix A. Methodology Change from the 2008-2010 Intertwine Trail Use Snapshot

This report updates the *2008-2010 Intertwine Trail Use Snapshot* and uses a revised analytical approach due to the large amount of data now available and lessons learned from five years of the count program. This appendix describes the count location selection strategy and recommendations for future count efforts.

The *2008-10 Intertwine Trail Use Snapshot* calculated average trail corridor volumes based on data from multiple count sites, across different days (weekend and weekday) and count times. A review of the five years of count data now available indicated that while the number of counts and locations has continued to grow, the same locations are not always counted each year. This makes comparisons from year to year difficult.

Use Core Count Locations as the Primary Source of Data

The current report addresses this challenge by identifying a set of core count locations that should be counted each and every year. For each of the 32 trail corridors identified in Figure A-1, one to three count locations and count times were identified to serve as core count locations. These locations were identified based on geographic location, the presence of historic data, and high-count volume sites indicating peak trail use volumes. Note that Metro will still work with local agencies to continue to count a larger number of locations as it has in previous year. However, when assisting agencies to assign volunteers to count locations, Metro will aim to ensure that the core count locations are covered first to provide consistent data reporting in future count reports.

Trail usage over time based on the actual count volumes at the 32 trail corridors (core locations) is presented in Figure 1. Estimates for individual trails are presented as annual extrapolations of these counts in Figure 5 and Figure 6. The general trends in activity remain the same, but the revised methodology results in annual trail use volume estimates that are higher than in the previous report, because the previous methodology averaged higher and lower volume locations together. The revised methodology instead averages counts from the same core locations (typically a higher activity location along the trail) over multiple years. Elimination of lower volume locations increases the annualized totals. However, these estimates may still be conservative as a single count location along a lengthy trail will miss many users from other parts of the trail who don't pass that point.

The result of the methodology change is a simplification of the counting, analysis and tracking process that should provide data that are easier to compare over time because they are based on a consistent set of locations.

Consider Developing Local Extrapolation Factors

Because activity patterns vary on different types of trails throughout the region, a set of automatic counters placed on a subset of trails around the region to document bicycle and pedestrian activity throughout the year would allow for a more refined method of developing annual estimates. In absence of such data, the revised methodology provides annual estimates of trail use that are based on a consistent set of locations and allow for a comparison of relative activity patterns on trails throughout the region.

Figure A-1: Intertwine Key Indicator Sites, Days, Times

Intertwine Trail Corridor	Key Indicator Sites
Banks-Vernonia State Trail	Site 950, Weekdays 4-6 pm
Burnt Bridge Creek Trail	Site 447, Weekdays 4-6 pm
Columbia River Renaissance Trail	Site 462, Weekdays 4-6 pm
Council Creek Trail	Site 962, 963, Weekdays 4-6 pm
Eastbank Esplanade	Site 40, Weekdays 4-6 pm
Fanno Creek Trail	Site 607, 701, 755, Weekdays 4-6 pm
Frenchman's Bar-Vancouver Lake Trail	Site 420, Weekdays 4-6 pm
Gresham-Fairview Trail	Site 517, Weekdays 4-6 pm; 519 Weekdays 7-9 am
Hillsboro to Forest Grove Trail	Site 325, 326, Weekdays 4-6 pm
I-205 Multi Use Path	Site 106,109, Weekdays 4-6 pm
Interstate Bridge Path	Site 460, 461, Weekdays 4-6 pm
Lacamas Heritage Trail	Site 450, Weekdays 4-6 pm
Leif Erikson	Site 121, Weekdays 4-6 pm
Marine Drive Trail	Site 76, Weekdays 4-6 pm
N Portland Willamette Greenway	Site 32, Weekdays 4-6 pm
NW Portland Willamette Greenway	Site 7, Weekdays 4-6 pm
Padden Parkway Trail	Site 434, Weekdays 4-6 pm
Rock Creek Trail	Site 305, Weekdays 4-6 pm
Salmon Creek Trail	Site 418, Weekdays 4-6 pm
Springwater Corridor SE	Site 65, 61, Weekdays 4-6 pm
Springwater on the Willamette	Site 52, 54, Weekdays 4-6 pm
Springwater Trail in Gresham	Site 505, Weekdays 4-6 pm
Sunset Highway Trail	Site 131, Weekdays 4-6 pm
SW Portland Willamette Greenway	Site 25, Weekdays 4-6 pm
Terwilliger Blvd Path	Site 144, Weekdays 4-6 pm
Terwilliger Trail	Site 952, Weekdays 4-6 pm
Tonquin Trail	Site 812, Weekdays 4-6 pm
Trolley Trail	Site 218, Weekdays 4-6 pm
Tualatin River Greenway	Site 724, Weekdays 4-6 pm
Waterfront Park Trail	Site 13, Weekdays 4-6 pm
Westside/Waterhouse Trail	Site 623, 647, Weekdays 4-6 pm
Wildwood Trail	Site 125, Weekdays 4-6 pm

Consider Conducting Multiple Counts at Each Core Location

This report presents results in several figures as a three-year rolling average. This method aims to minimize the natural fluctuation present in short-duration count data. One way to further minimize the variability in the data would be to conduct two counts at each location specified in Figure A-1 (i.e., count Site 950 twice each year on a weekday between 4-6 pm during the NBPD count week). This would effectively double the amount of count observations included in the three-year rolling average (from three to six in the case of the individual corridor results in Appendix C) and would further minimize the susceptibility of the average to a single high or low count.

Intertwine trail use snapshot:

An analysis of National Bicycle and Pedestrian Documentation Project data from **2008** to **2012**.

Appendix B:

Trail Count and Survey Forms

STANDARDIZED TRAIL SURVEY



Site ID: _____ Trail Name: _____
 To be completed by Data Collector: Date: _____
 Name of Data Collector: _____

Location: _____
 Time Period: _____ Weather: _____
 Notes: _____

- What best describes why you are out here today?
 - For pleasure/exercising/recreation (a)
 - Going to/from work or school (b)
 - Shopping, doing errands, visiting friends (c)
- What are you doing on the trail right now?
 - Walking (a)
 - Biking (b)
 - Jogging (c)
 - Other: _____ (d)
- Please check any other transportation modes in your trip today, including how you got to the trail.
 - Car (a)
 - Carpool (b)
 - Transit (c)
 - Walk or bike (d)
- Where did you start this trip? (nearest street intersection)

_____ (x) & _____ (y)
- Where will you end this trip? (if you will end where you started, give the furthest point reached)

_____ (x) & _____ (y)
- How do you rate the path on each of the following?

	Excellent	Good	Fair	Poor	Don't Know
Safe (a)	<input type="checkbox"/>				
Clean (b)	<input type="checkbox"/>				
Condition of trail surface (c)	<input type="checkbox"/>				
Width of trail (d)	<input type="checkbox"/>				
Length of trail (e)	<input type="checkbox"/>				
Crowding on trail (f)	<input type="checkbox"/>				
Speed on trail (g)	<input type="checkbox"/>				
Condition of natural features/area (h)	<input type="checkbox"/>				
Access points – connectivity (i)	<input type="checkbox"/>				
Access for persons with disabilities (j)	<input type="checkbox"/>				
Availability of information:					
• directional signage/maps (k)	<input type="checkbox"/>				
• concerning nature (l)	<input type="checkbox"/>				
• concerning safety (m)	<input type="checkbox"/>				
Availability of facilities:					
• restrooms (n)	<input type="checkbox"/>				
• drinking fountains (o)	<input type="checkbox"/>				
• trash cans (p)	<input type="checkbox"/>				
• parking (q)	<input type="checkbox"/>				
- Why are you using this trail instead of walking/riding elsewhere? Check all that apply.
 - Accessible/close (a)
 - Direct/good connections (b)
 - Safer than using roads (c)
 - Scenic qualities (d)
 - Flat / level (e)
- In the past month, how often have you used this trail?
 - First time ever (skip to Question 10) (a)
 - 0-5 times (b)
 - 6-10 times (c)
 - 11-20 times (d)
 - Daily (e)
- Please check the seasons in which you use the trail.
 - Summer (a)
 - Winter (c)
 - Fall (b)
 - Spring (d)
- Home zip code: _____
- Your age? _____
- Your gender?
 - Female
 - Male
- What is your race or ethnicity? (Optional. Check all that apply.)
 - Hispanic/Latino (a)
 - African American (b)
 - White (c)
 - Asian (d)
 - Native American or Alaskan Native (e)
- Comments?



STANDARDIZED TRAIL SURVEY

Site ID: _____ Trail Name: _____ Location: _____
 To be completed by Data Collector: Date: _____ Time Period: _____ Weather: _____
 Name of Data Collector: _____ Notes: _____

1. ¿Cuál de las siguientes opciones describe mejor lo que vino usted a hacer hoy?

- Placer/ejercicio/recreación (a)
- Trasládome de la casa al trabajo/escuela (b)
- De compras, haciendo el super o visitando amigos (c)

2. ¿Cómo te estás trasladando?

- A pie (a) En bicicleta (b) Corriendo (c)
- Otros: _____ (d)

3. Por favor marque cualquier otro medio de transporte que esté utilizando hoy para realizar sus actividades, incluyendo cómo llegó a este camino.

- Coche (a) Haciendo ronda o de ride (b)
- Transporte público (c) Caminando o en bici (d)

4. ¿En dónde empezó tu recorrido? (la intersección más cercana) _____ (x) & _____ (y)

5. ¿En dónde va a terminar tu recorrido? (Si lo va a terminar dónde lo empezó, mencione que tan lejos llegó) _____ (x) & _____ (y)

6. ¿Cómo describiría el camino en cada una de las siguientes características?

	Excelente	Bueno	Normal	Pobre	No sé
Seguro (a)	<input type="checkbox"/>				
Limpio (b)	<input type="checkbox"/>				
Condición de la superficie (c)	<input type="checkbox"/>				
Ancho del camino (d)	<input type="checkbox"/>				
Longitud del camino (e)	<input type="checkbox"/>				
Cantidad de gente (f)	<input type="checkbox"/>				
Velocidad en el camino (g)	<input type="checkbox"/>				
Condición de áreas naturales (h)	<input type="checkbox"/>				
Puntos de acceso y conexiones (i)	<input type="checkbox"/>				
Acceso para personas con diferentes capacidades (j)	<input type="checkbox"/>				
Información disponible:					
• Señales/direcciones/mapas(k)	<input type="checkbox"/>				
• Acerca de la naturaleza (l)	<input type="checkbox"/>				
• Acerca de la seguridad (m)	<input type="checkbox"/>				
Instalaciones disponibles:					
• baños(n)	<input type="checkbox"/>				
• bebederos (o)	<input type="checkbox"/>				
• basureros (p)	<input type="checkbox"/>				
• estacionamiento (q)	<input type="checkbox"/>				

7. ¿Por qué prefiere usar este camino a otros? Marque todas las que apliquen.

- Accesible/cerca (a)
- Directo/buenas conexiones (b)
- Es más seguro que andar en la calle (c)
- Por sus cualidades escénicas (d)
- Por sus niveles de inclinación (e)

8. ¿En el último mes, qué tan seguido a utilizado este camino?

- Nunca lo había usado (Salte a la pregunta 10)
- 0-5 veces (b) 6-10 veces (c)
- 11-20 veces (d) Diario (e)

9. Por favor marque las estaciones del año en las que utilice el camino

- Verano (a) Otoño (b)
- Invierno (c) Primavera (d)

10. Código Postal de su casa: _____

11. Edad: _____

12. Sexo

- Femenino Masculino

13. ¿Cuál es su raza u origen étnico?

(Opcional, marque todas las que apliquen)

- Hispano/Latino (a)
- Afroamericano(b)
- Blanco (c)
- Asiático (d)
- Nativo americano o nativo de Alaska (e)

14. Comentarios

Intertwine trail use snapshot:

An analysis of National Bicycle and Pedestrian Documentation Project data from **2008** to **2012**.

Appendix B:

Corridor-Specific Trail Use Snapshots

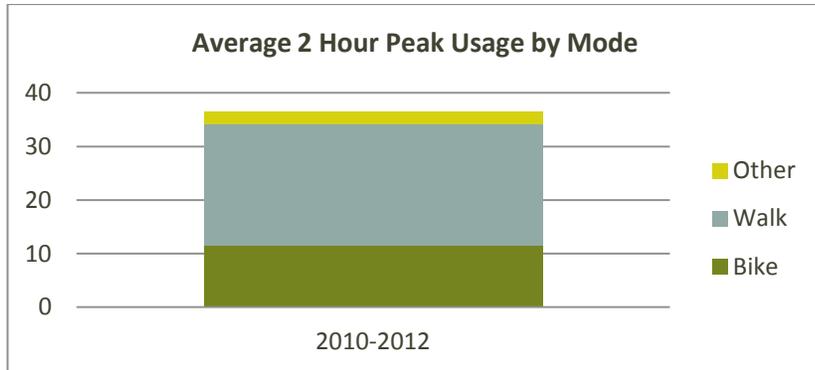
Appendix C: Corridor-specific Trail Use Snapshots

Banks-Vernonia State Trail	1
Burnt Bridge Creek Trail	11
Columbia River Renaissance Trail	21
Council Creek Trail	31
Eastbank Esplanade	33
Fanno Creek Trail	43
Frenchman’s Bar vancouver Lake Trail	53
Gresham-Fairview Trail	61
Hillsboro to Forest Grove Trail.....	69
I-205 Multi Use Path.....	71
Interstate Bridge Path	79
Lacamas Heritage Trail	87
Leif Erikson Trail.....	97
Marine Drive Trail	99
North Portland Willamette Greenway Trail.....	109
Northwest Portland Willamette Greenway Trail	115
Padden Parkway Trail.....	117
Rock Creek Trail	125
Salmon Creek Trail	135
Springwater Corridor SE	145

Springwater on the Willamette	147
Springwater in Gresham.....	155
Sunset Highway Trail.....	165
Southwest Portland Willamette Greenway	175
Terwilliger Trail North	177
Terwilliger Trail South	179
Tonquin Trail.....	187
Trolley Trail.....	189
Tualatin River Greenway.....	199
Waterfront Park Trail	209
Westside/Waterhouse Trail	215
Wildwood Trail	223

BANKS-VERNONIA STATE TRAIL

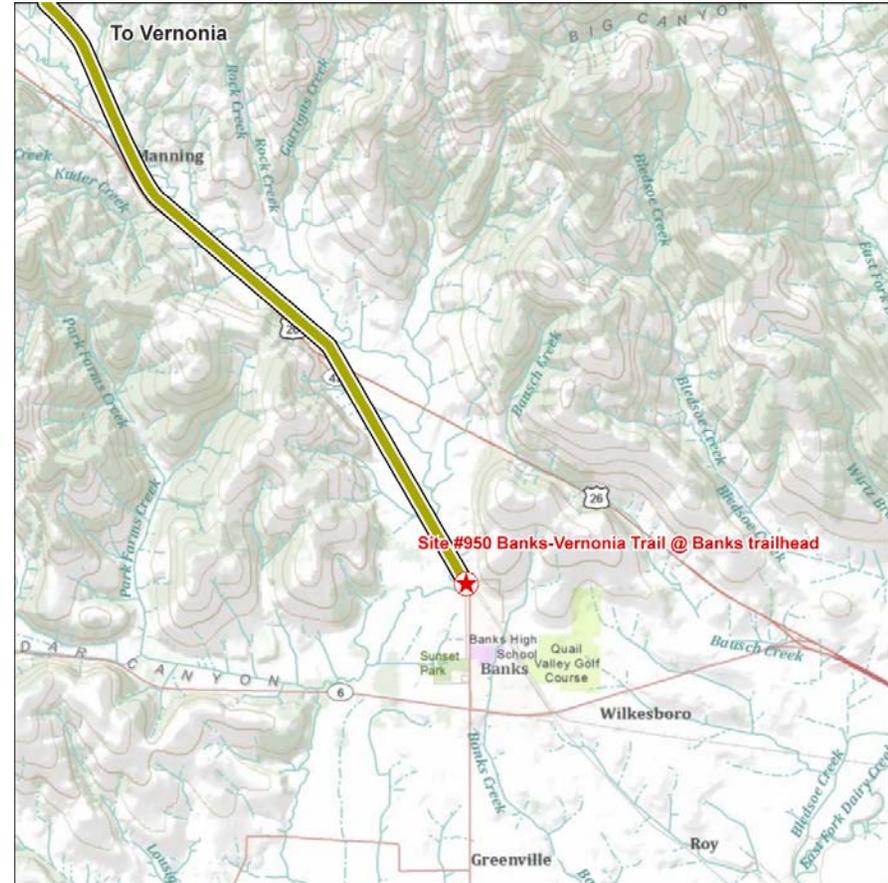
Annual Count Data (Average 2 hour peak counts)	2008	2009	2010	2011	2012
Site 950 – Weekday					
Bike	-	-	-	6	17
Walk	-	-	-	14	31
Other	-	-	-	2	3
Total	-	-	-	22	51



Estimated Average Usage

(2010-2012 rolling average, all user types)

DAILY: 300
WEEKLY: 2,400
MONTHLY: 10,000
YEARLY: 120,000



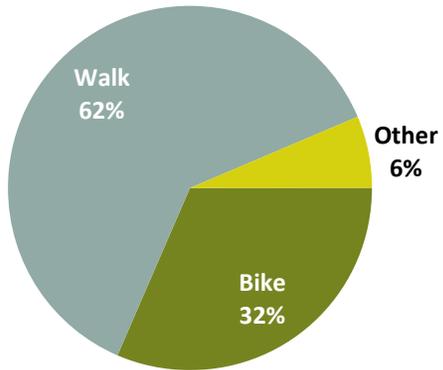
Survey Sample Size

Walking	10
Biking	12
Jogging	4
Other*	1
Total	27

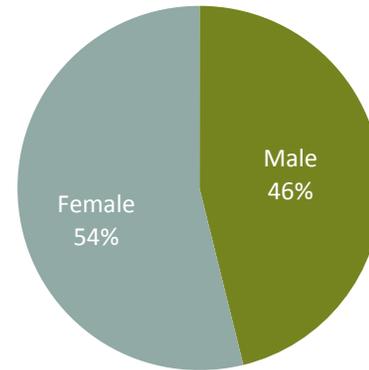
**An insufficient number of surveys were collected on this trail for analysis of this mode*

BANKS-VERNONIA STATE TRAIL – COUNT DATA SUMMARY

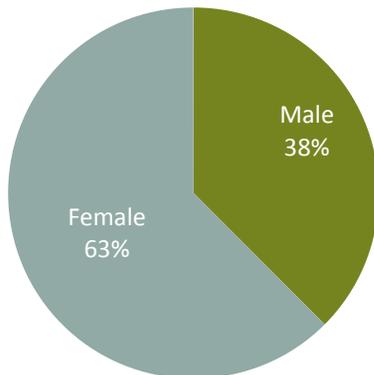
2010-2012 Mode Split



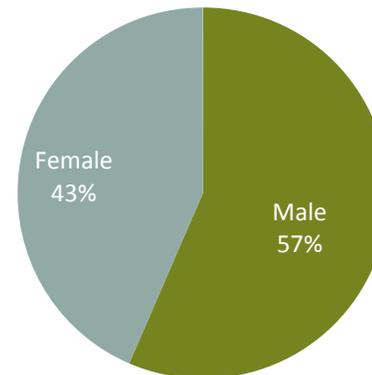
2010-2012 Observed Gender - All User Types



2010-2012 Observed Gender - Pedestrians



2010-2012 Observed Gender - Bicyclists

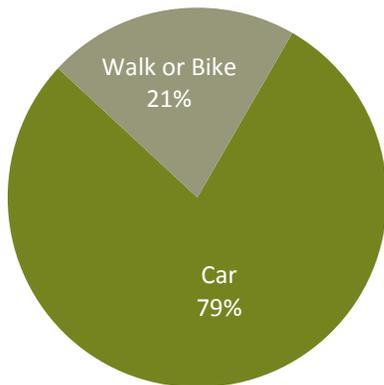


BANKS-VERNONIA STATE TRAIL – SURVEY SUMMARY

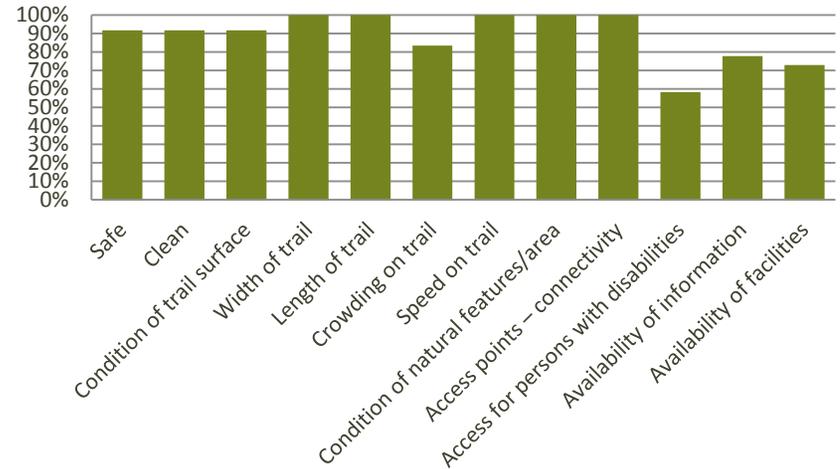
Why people on bikes use the trail



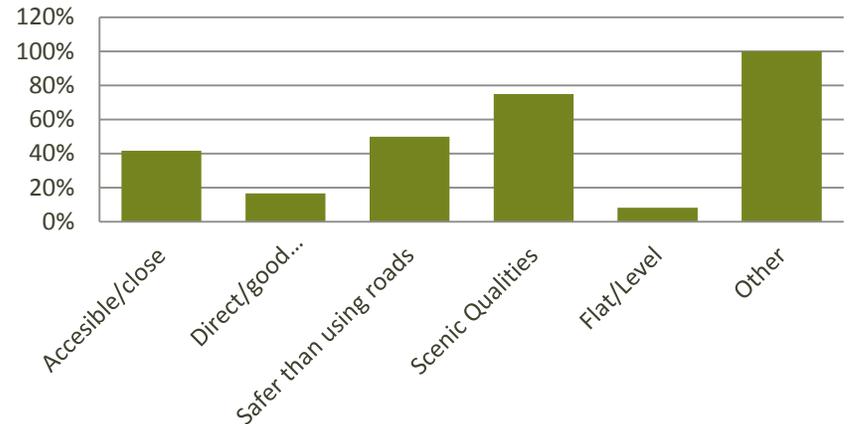
How people on bikes get to the trail



Share of responses by people on bikes with "Good" or "Excellent" ratings of the trail attributes

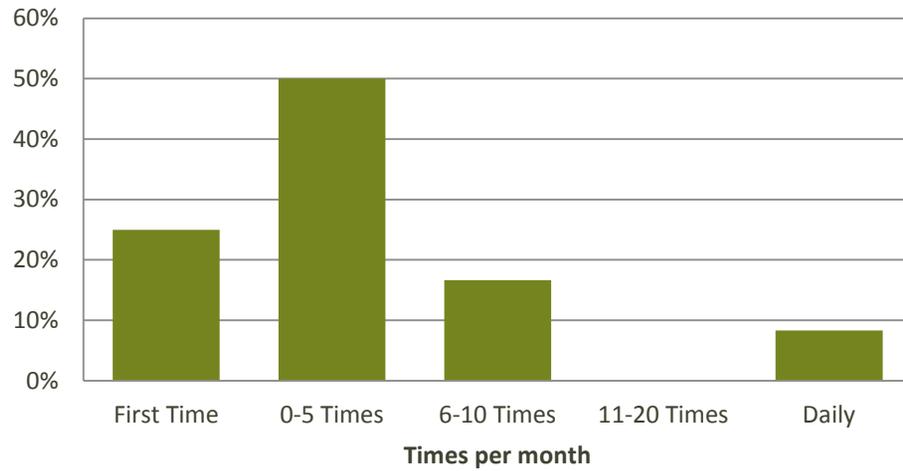


Why are people on bikes using this trail instead of riding elsewhere?

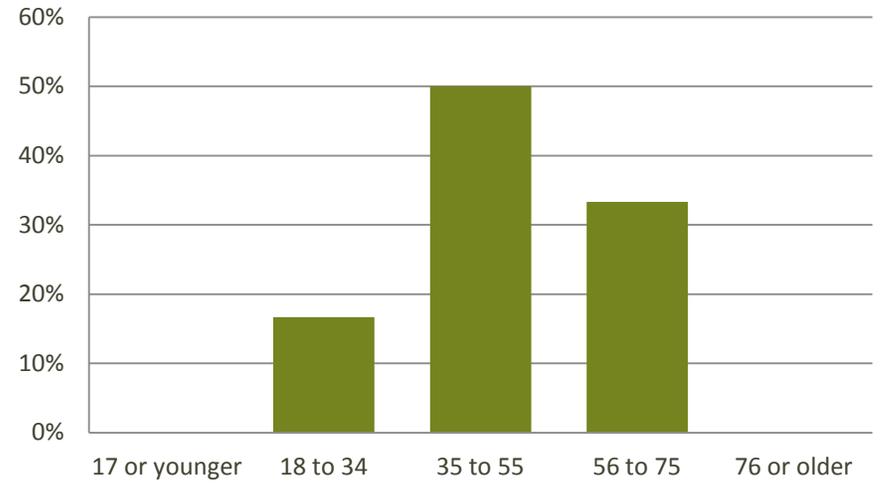


BANKS-VERNONIA STATE TRAIL – SURVEY SUMMARY

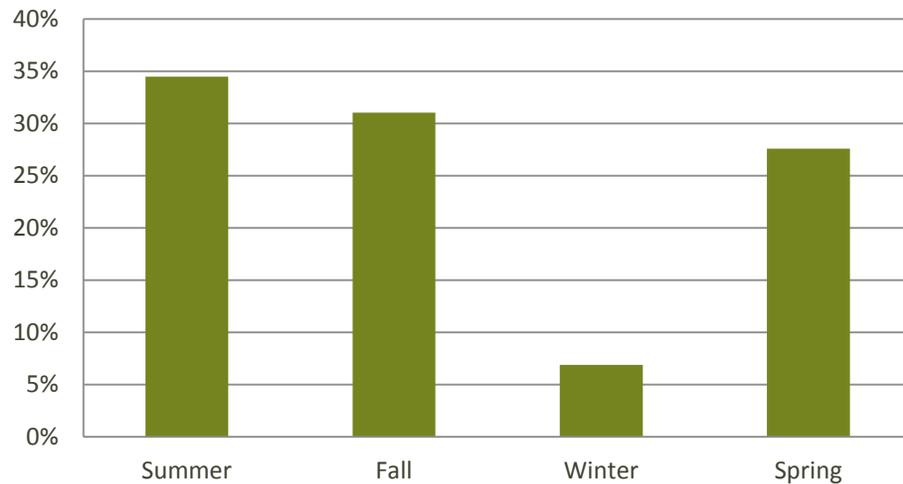
How often people on bikes use this trail



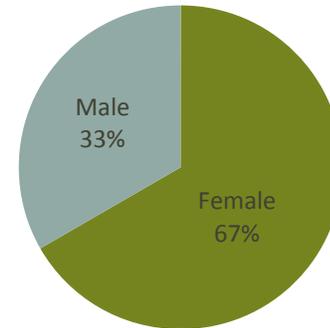
Ages of people on bikes on this trail



Seasons that people on bikes use this trail



Gender of people on bikes surveyed on this trail

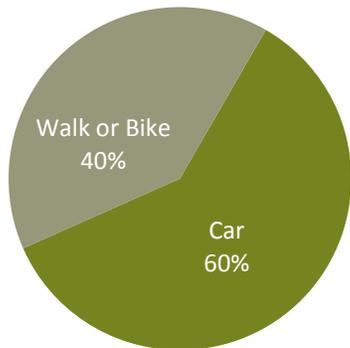


BANKS-VERNONIA STATE TRAIL – SURVEY SUMMARY

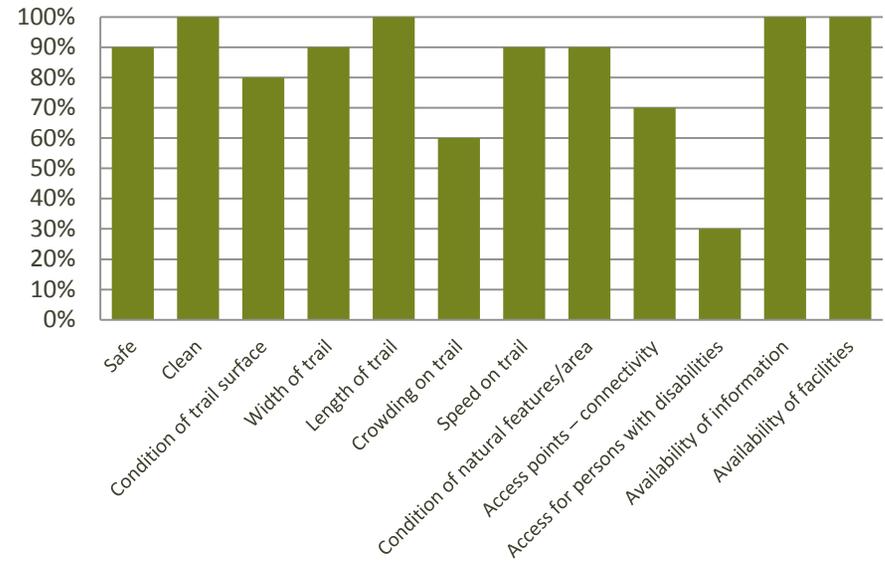
Why walkers use the trail



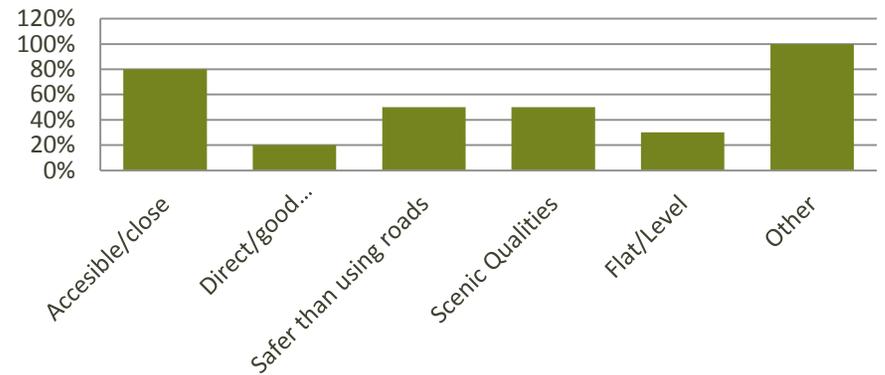
How walkers get to the trail



Share of responses by people walking with "Good" or "Excellent" ratings of the trail attributes

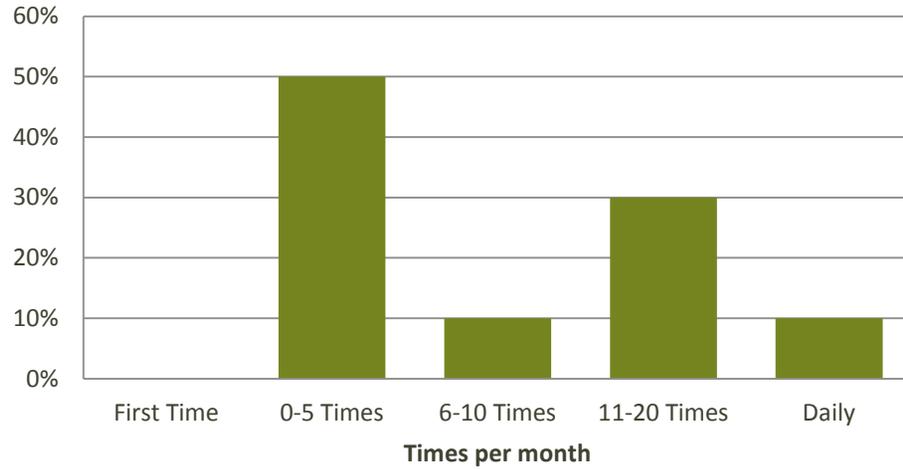


Why walkers use this trail instead of walking elsewhere

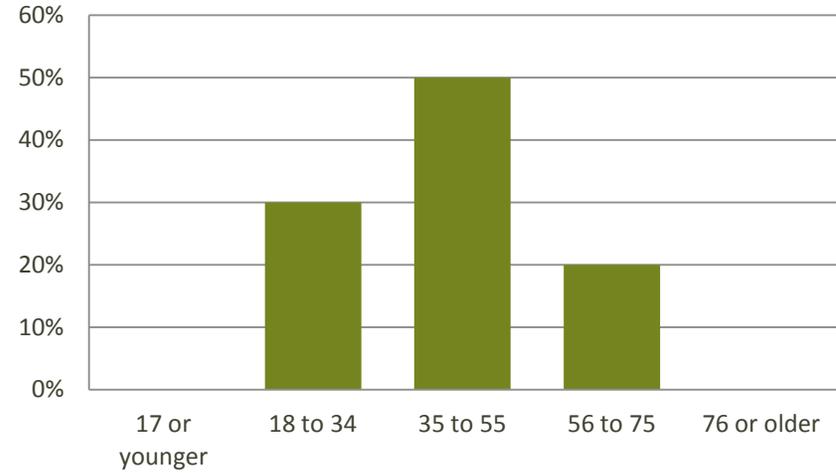


BANKS-VERNONIA STATE TRAIL – SURVEY SUMMARY

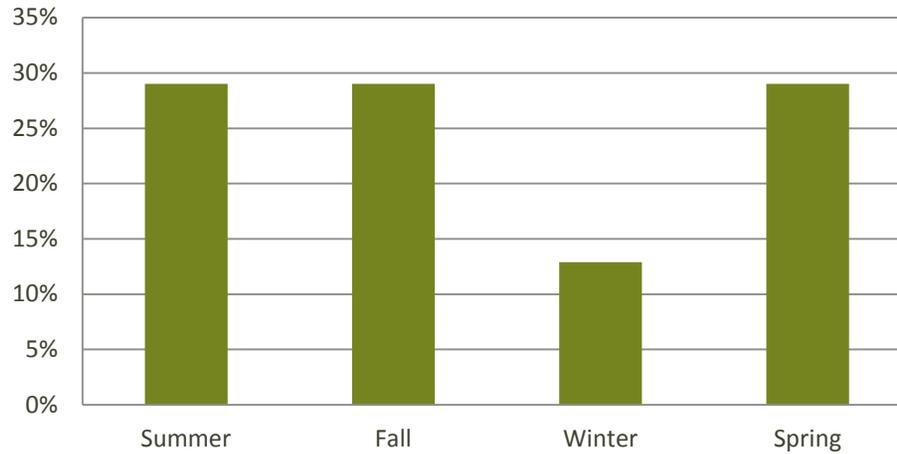
How often walkers use this trail



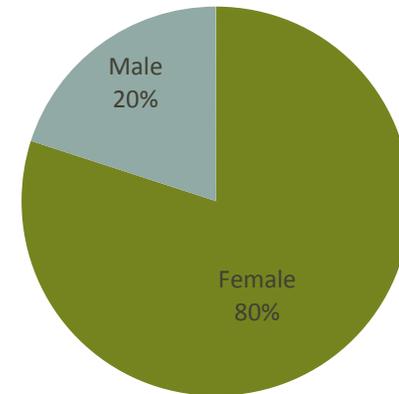
Ages of walkers on this trail



Seasons that walkers use this trail



Gender of walkers surveyed on this trail

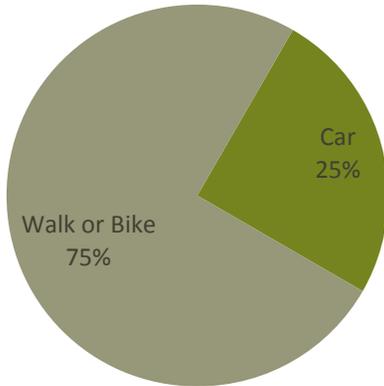


BANKS-VERNONIA STATE TRAIL – SURVEY SUMMARY

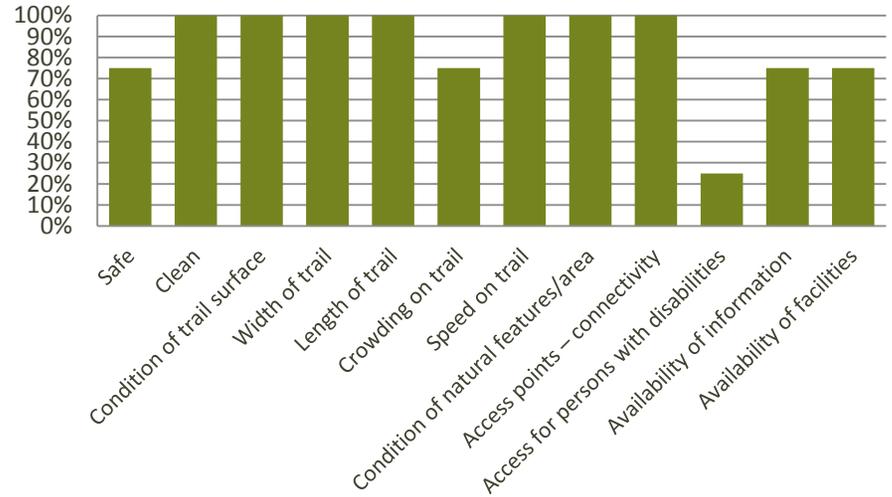
Why joggers use the trail



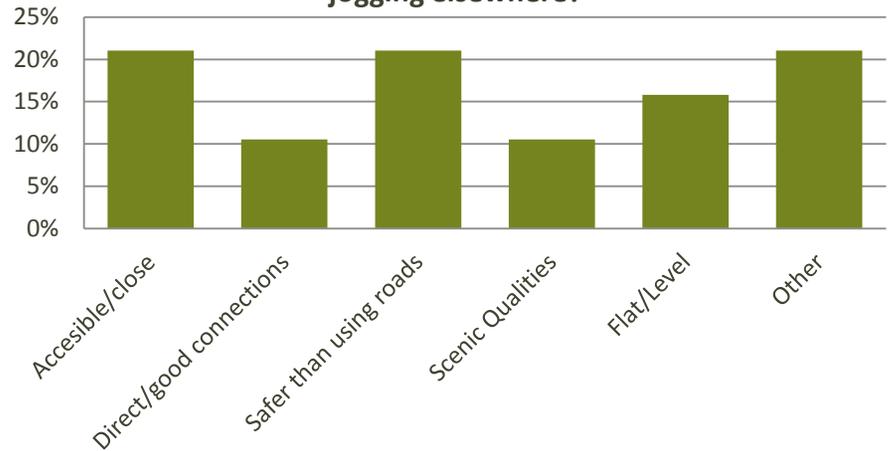
How joggers get to the trail



Share of responses by joggers with "Good" or "Excellent" ratings of the trail attributes

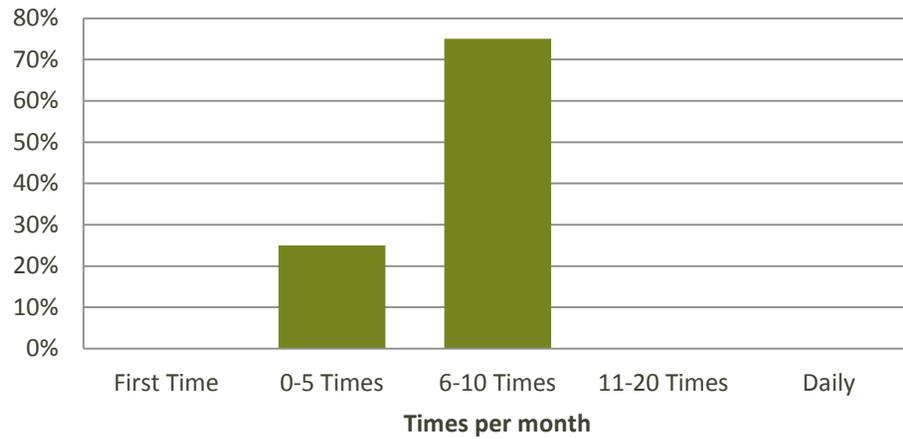


Why are people jogging using this trail instead of jogging elsewhere?

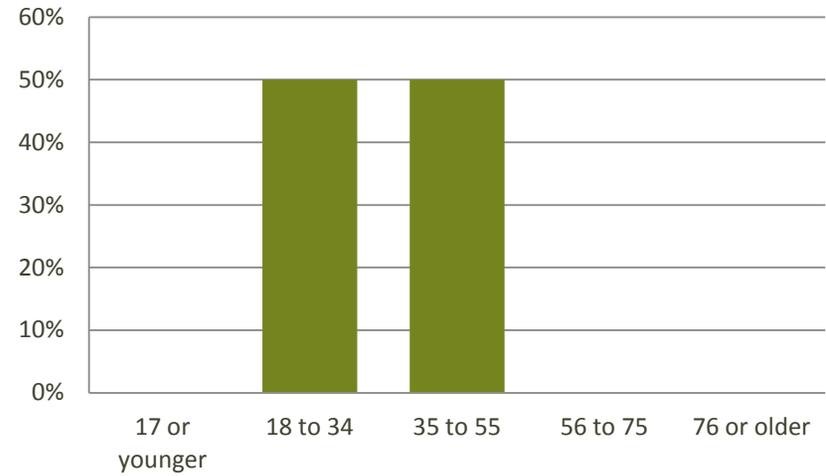


BANKS-VERNONIA STATE TRAIL – SURVEY SUMMARY

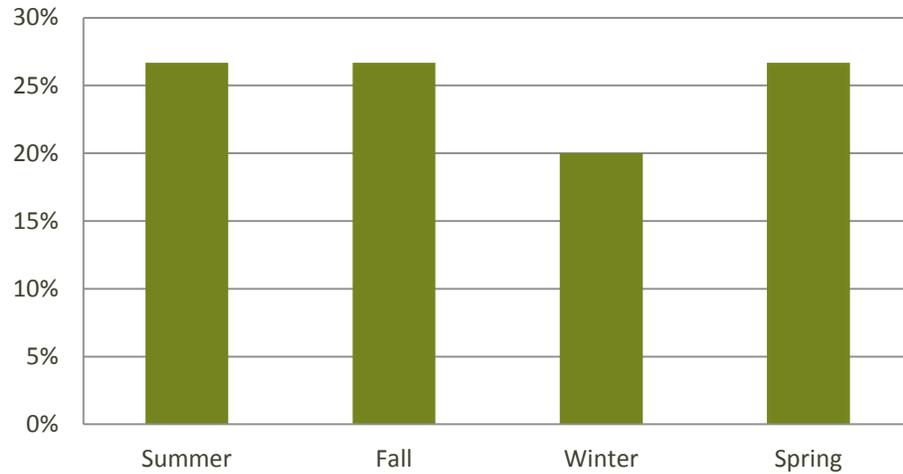
How often joggers use this trail



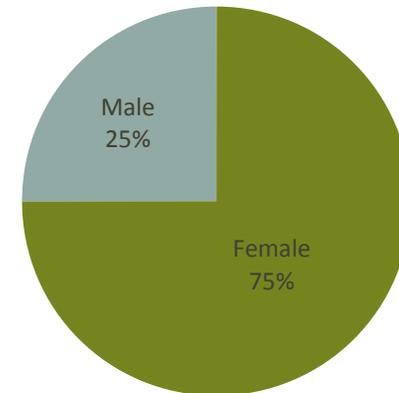
Ages of joggers using this trail



Seasons that joggers use this trail



Gender of joggers surveyed using this trail

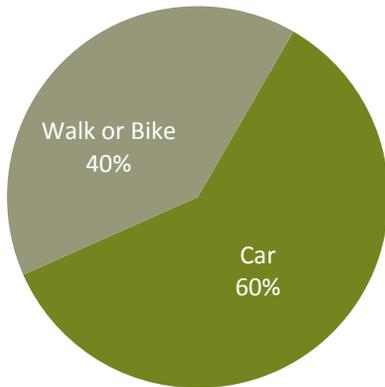


BANKS-VERNONIA STATE TRAIL – SURVEY SUMMARY

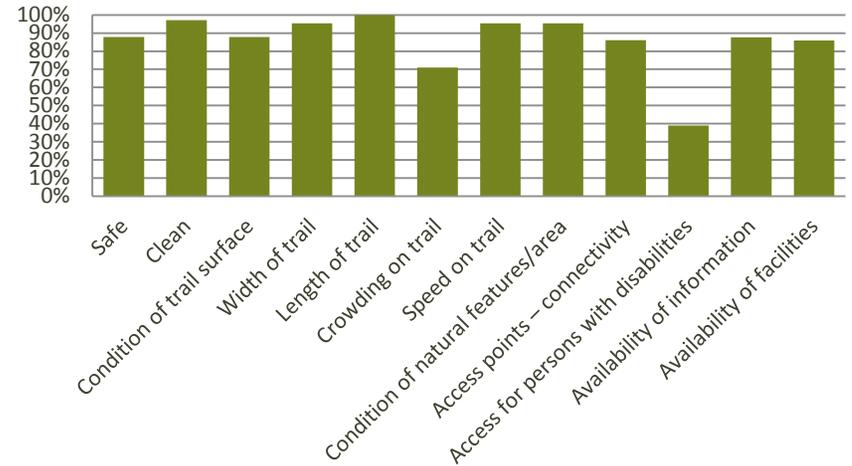
Why people use this trail



How people get to this trail



Share of responses with "Good" or "Excellent" ratings of the trail attributes

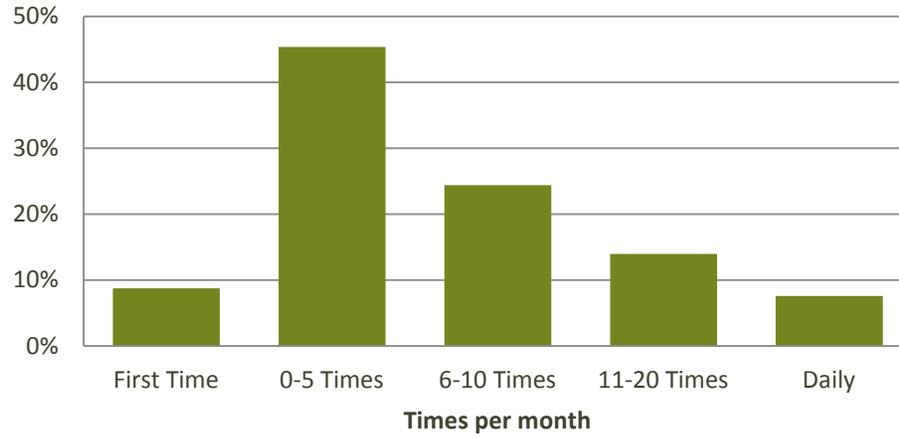


Why people use this trail instead of biking or walking elsewhere

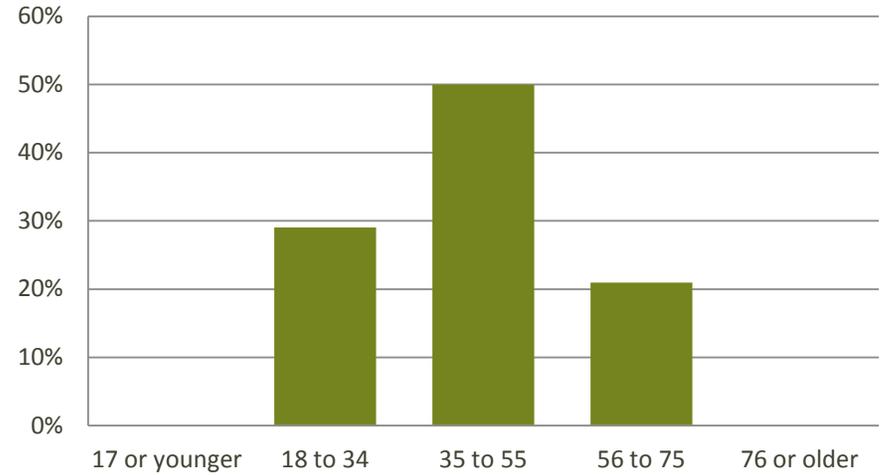


BANKS-VERNONIA STATE TRAIL – SURVEY SUMMARY

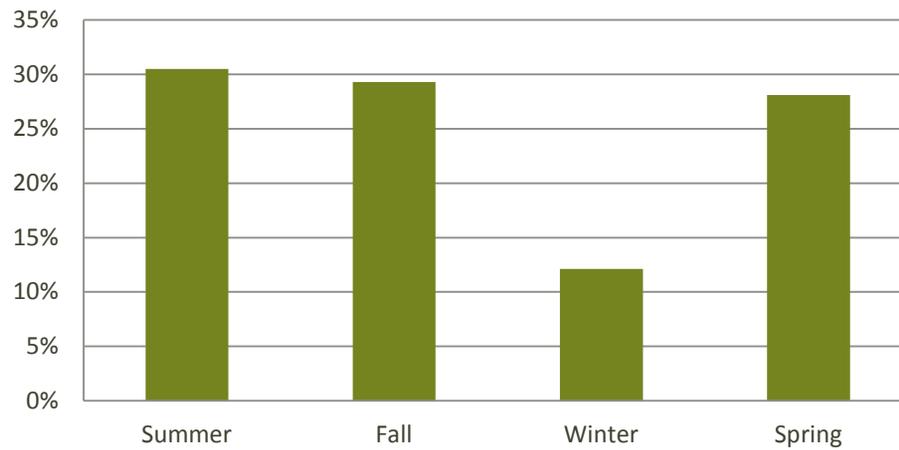
How often people use this trail



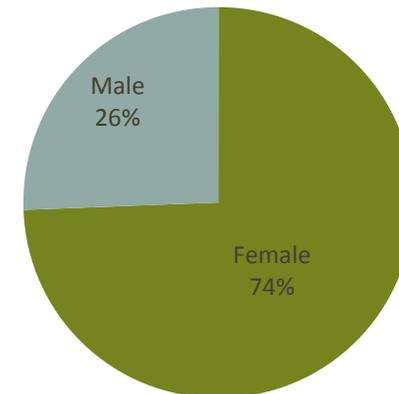
Ages of trail users



Seasons that people use this trail



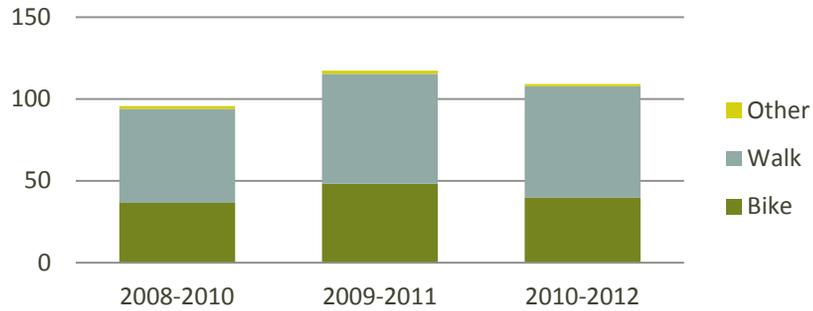
Gender of trail users surveyed



BURNT BRIDGE CREEK TRAIL

Annual Count Data (Average 2 hour peak counts)	2008	2009	2010	2011	2012
Site 447 – Weekday					
Bike	17	58	35	52	33
Walk	40	52	80	69	55
Other	0	3	2	1	1
Total	57	113	117	122	89

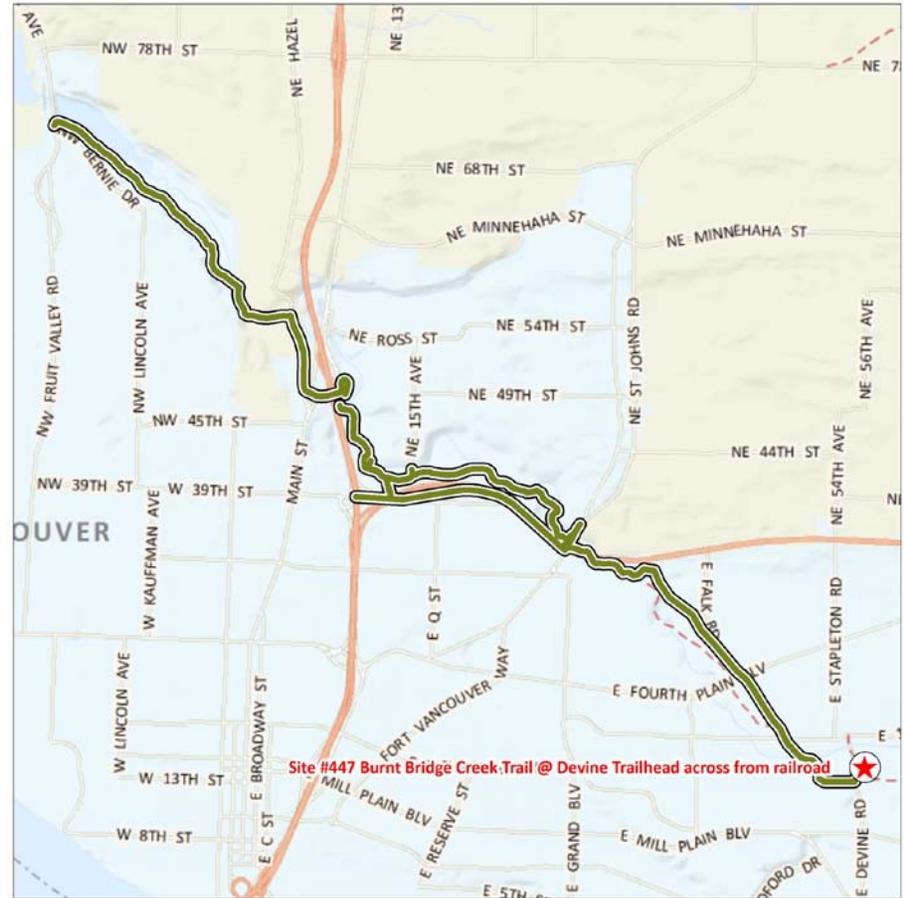
Average 2 Hour Peak Usage by Mode



Estimated Average Usage

(2010-2012 rolling average, all user types)

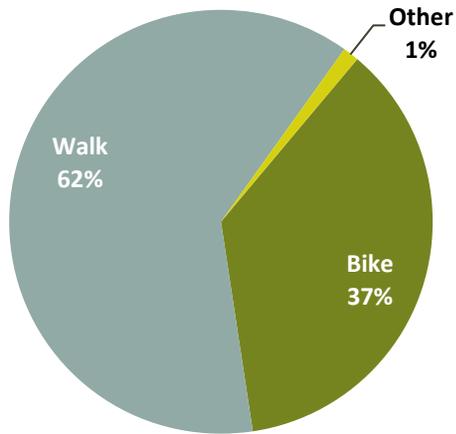
DAILY: 1,000
WEEKLY: 7,000
MONTHLY: 30,000
YEARLY: 370,000



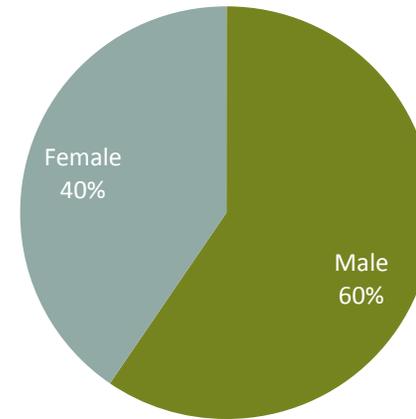
Survey sample size	
Walking	31
Biking	9
Jogging	10
Other	1
Total	51

BURNT BRIDGE CREEK TRAIL – COUNT DATA SUMMARY

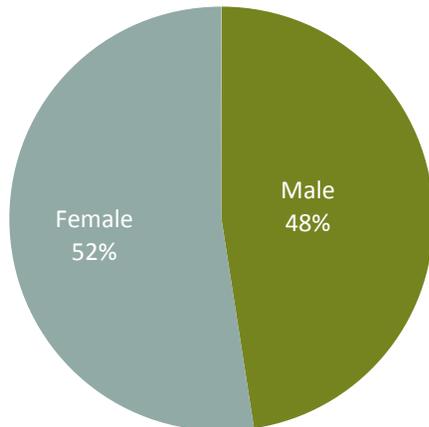
2010-2012 Mode Split



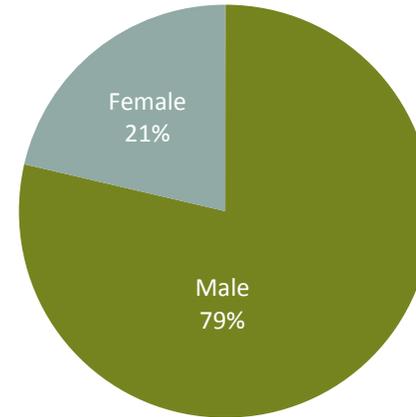
2010-2012 Observed Gender - All User Types



2010-2012 Observed Gender - Pedestrians

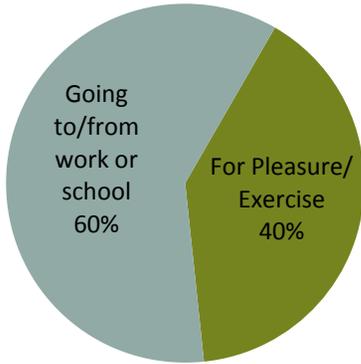


2010-2012 Observed Gender - Bicyclists

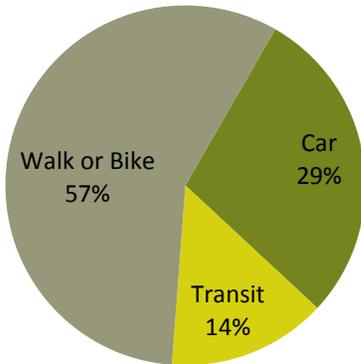


BURNT BRIDGE CREEK TRAIL – SURVEY SUMMARY

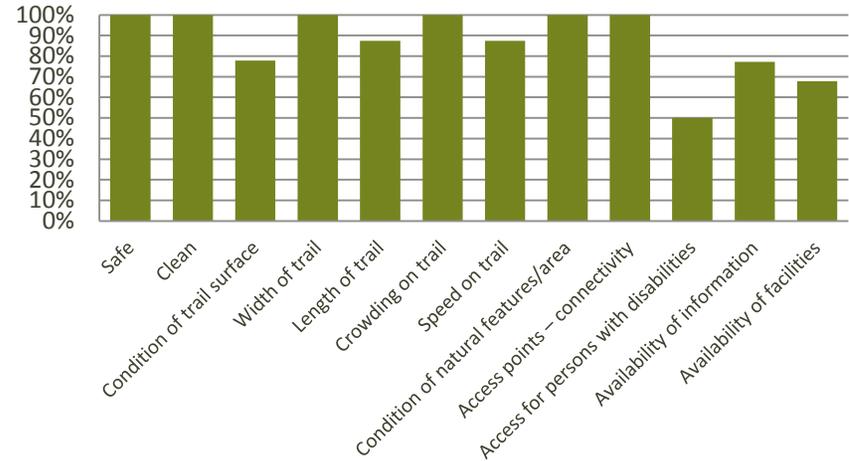
Why people on bikes use the trail



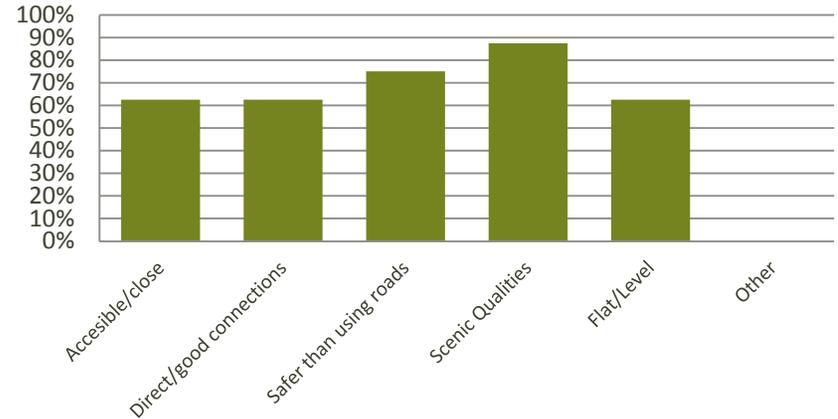
How people on bikes get to the trail



Share of responses by people on bikes with "Good" or "Excellent" ratings of the trail attributes

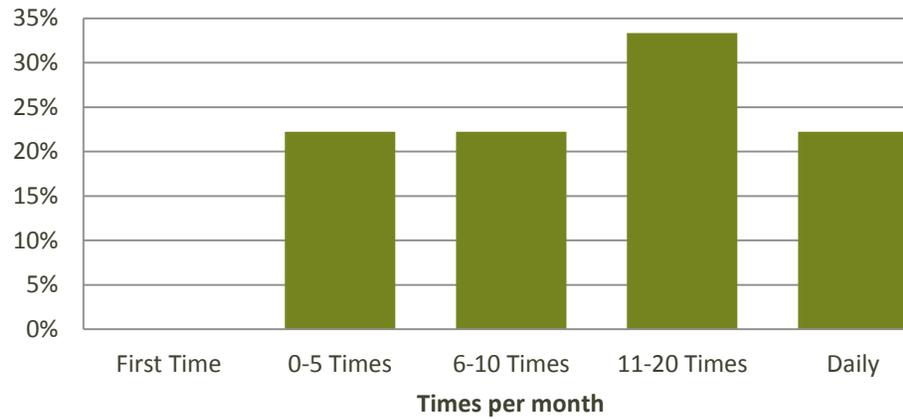


Why are people on bikes using this trail instead of riding elsewhere?

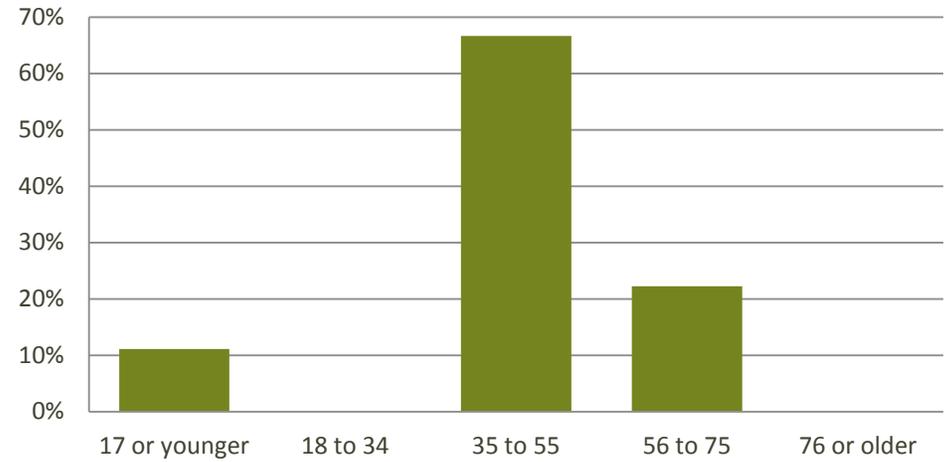


BURNT BRIDGE CREEK TRAIL – SURVEY SUMMARY

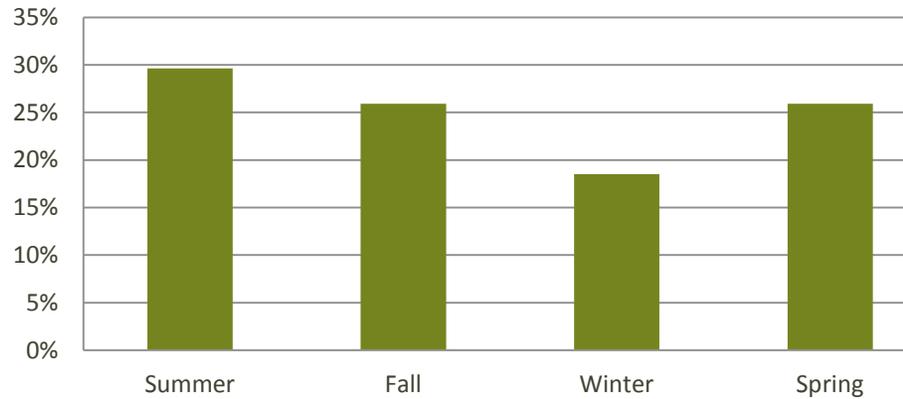
How often people on bikes use this trail



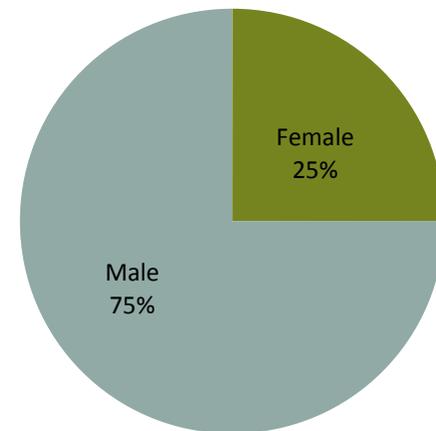
Ages of people on bikes on this trail



Seasons that people on bikes use this trail



Gender of people on bikes surveyed using this trail

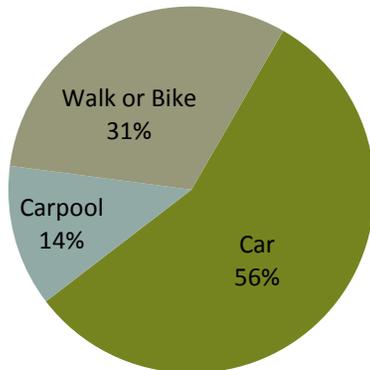


BURNT BRIDGE CREEK TRAIL – SURVEY SUMMARY

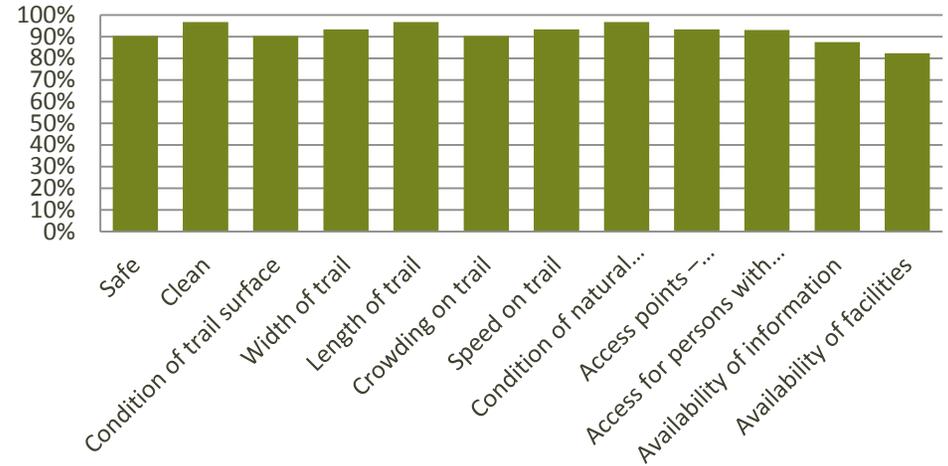
Why walkers use the trail



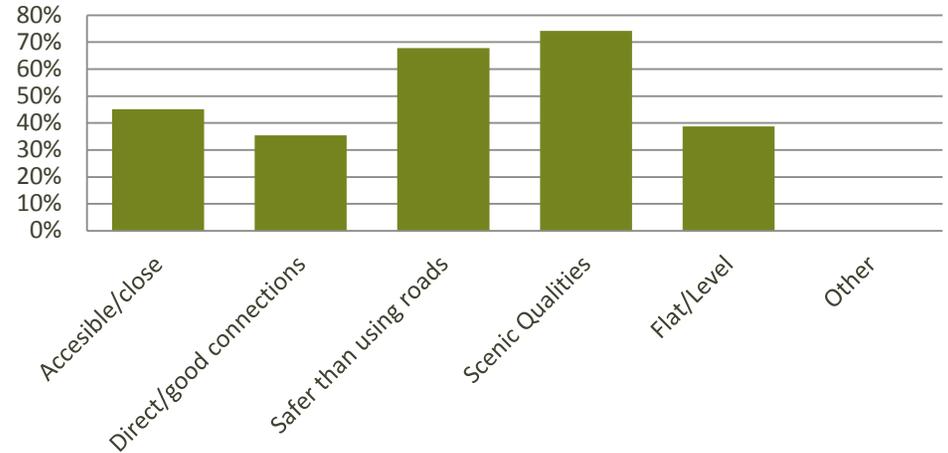
How walkers get to the trail



Share of responses by people walking with "Good" or "Excellent" ratings of the trail attributes

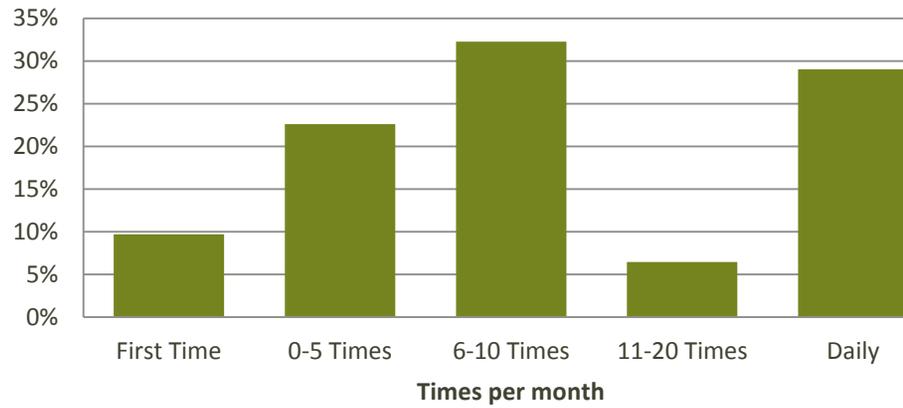


Why walkers use this trail instead of walking elsewhere

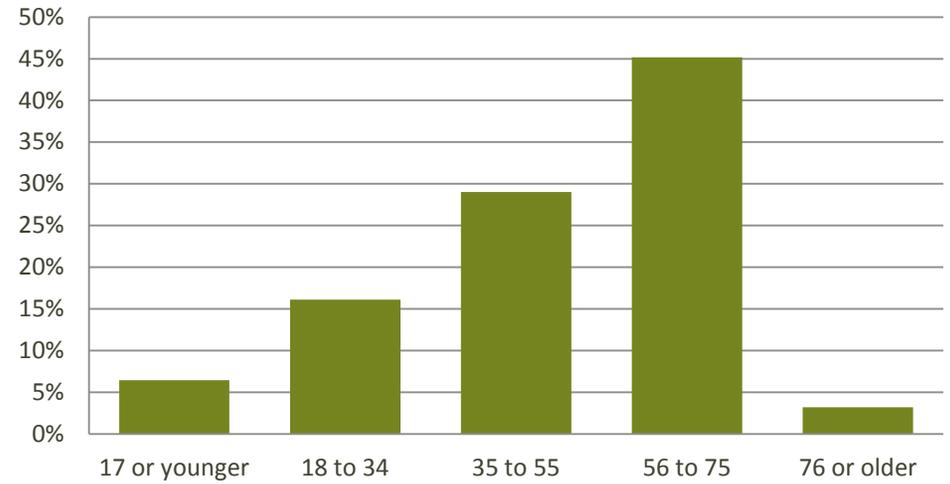


BURNT BRIDGE CREEK TRAIL – SURVEY SUMMARY

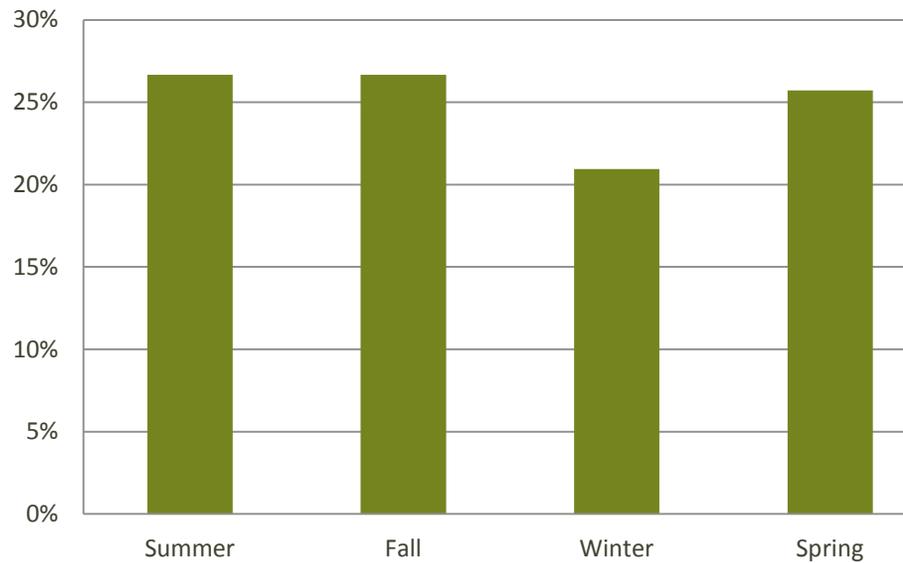
How often walkers use this trail



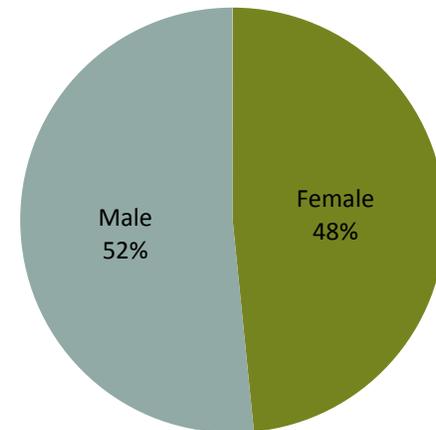
Ages of walkers on this trail



Seasons that walkers use this trail



Gender of walkers surveyed on this trail

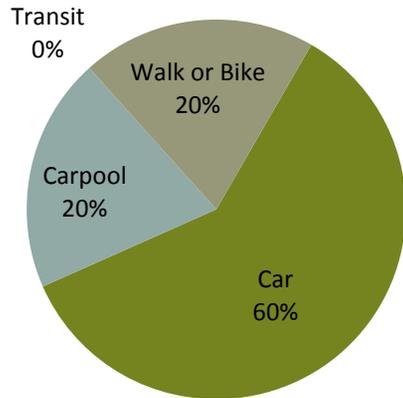


BURNT BRIDGE CREEK TRAIL – SURVEY SUMMARY

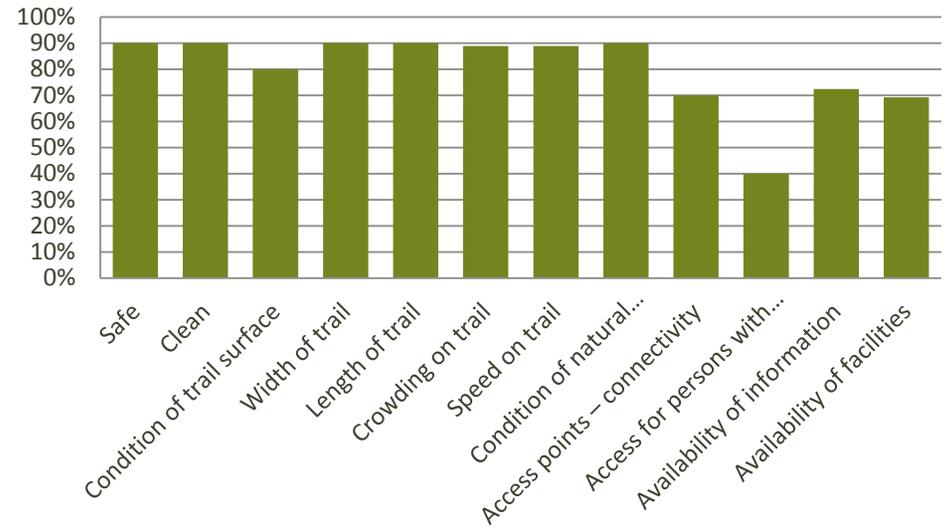
Why joggers use the trail



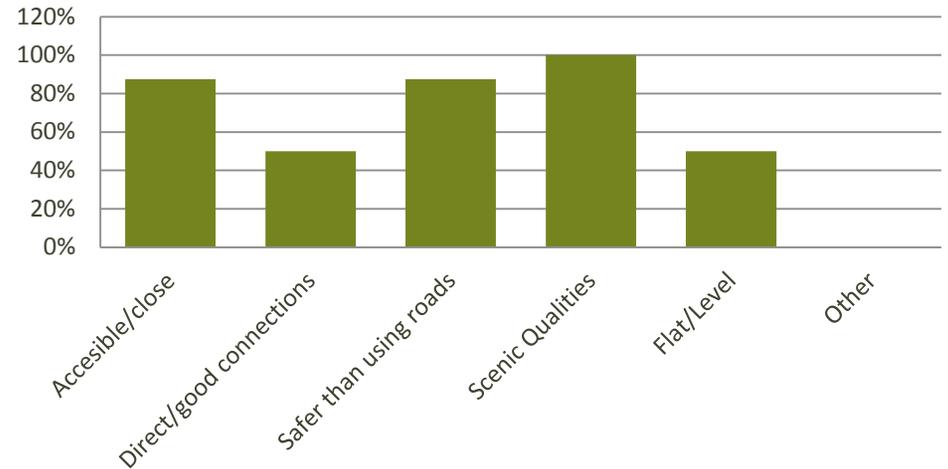
How joggers get to the trail



Share of responses by joggers with "Good" or "Excellent" ratings of the trail attributes

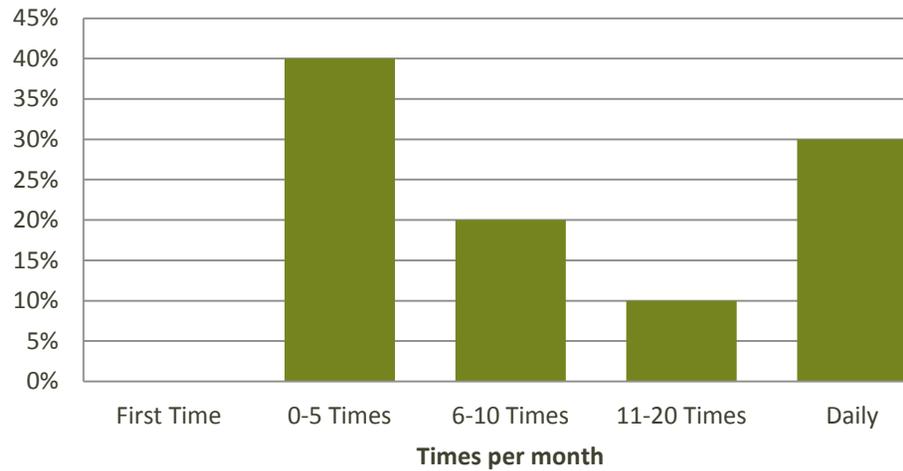


Why joggers use this trail instead of jogging elsewhere

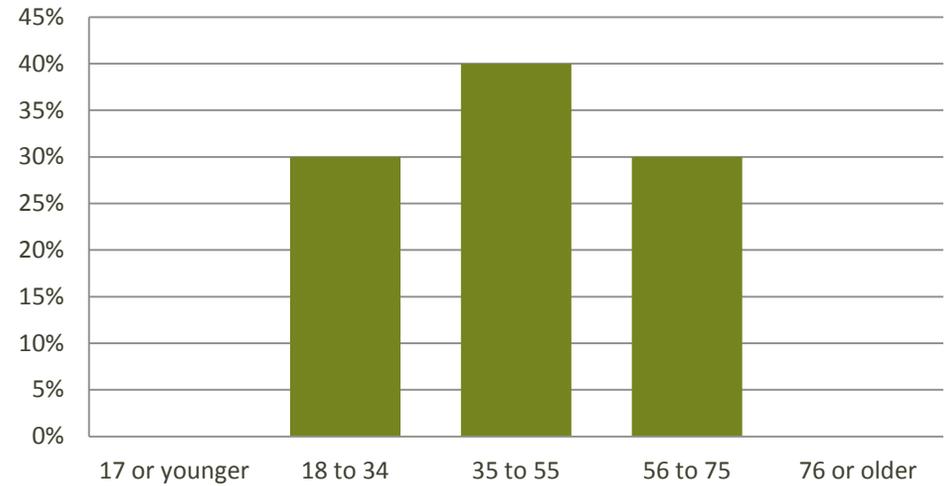


BURNT BRIDGE CREEK TRAIL – SURVEY SUMMARY

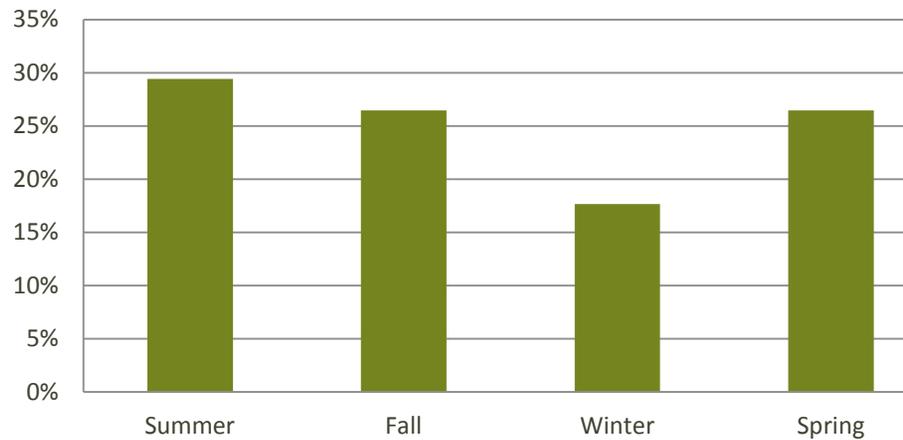
How often joggers use this trail



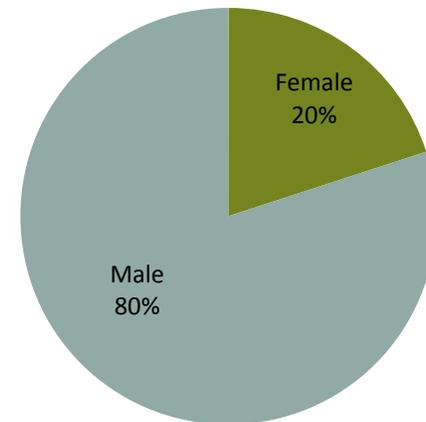
Ages of joggers surveyed on this trail



Seasons that joggers use this trail

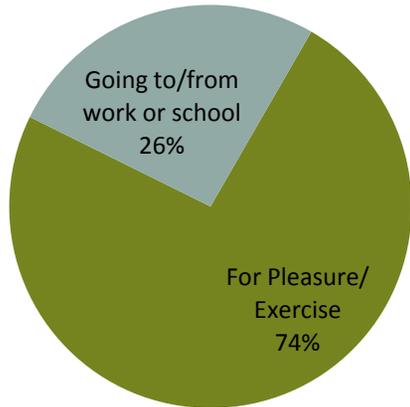


Gender of joggers surveyed on this trail

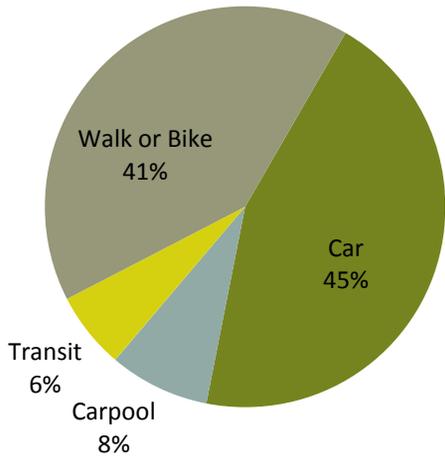


BURNT BRIDGE CREEK TRAIL – SURVEY SUMMARY

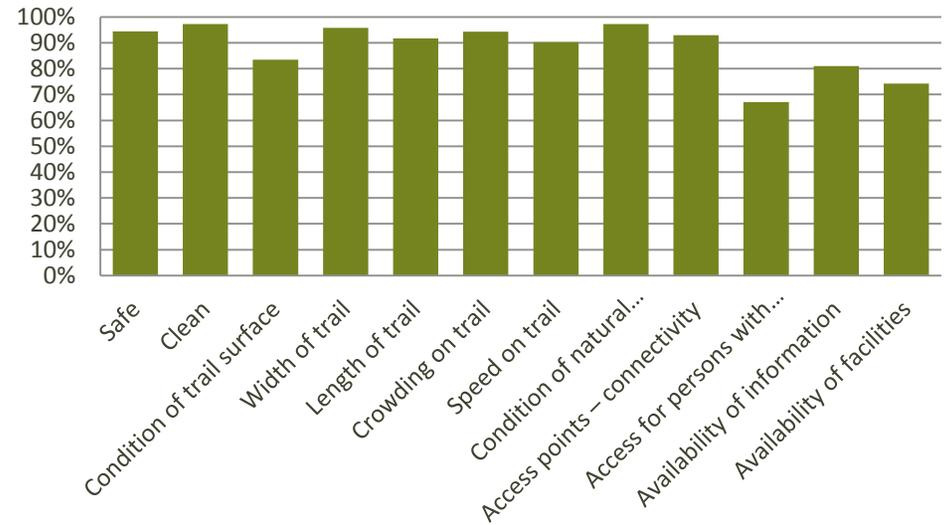
Why people use this trail



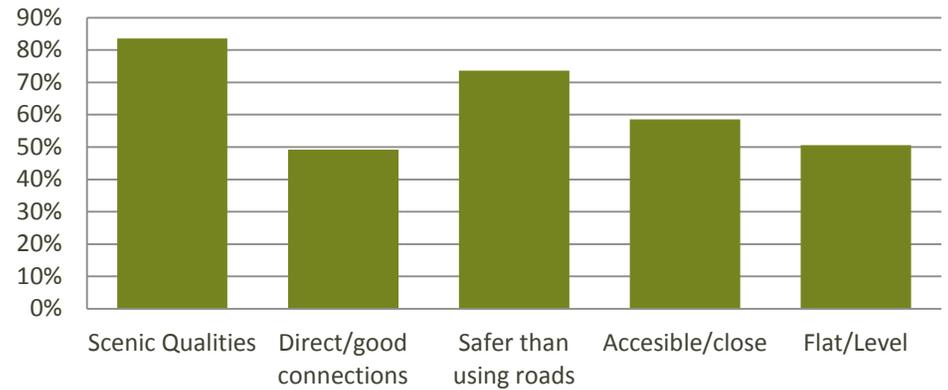
How people get to this trail



Share of responses with "Good" or "Excellent" ratings of the trail attributes

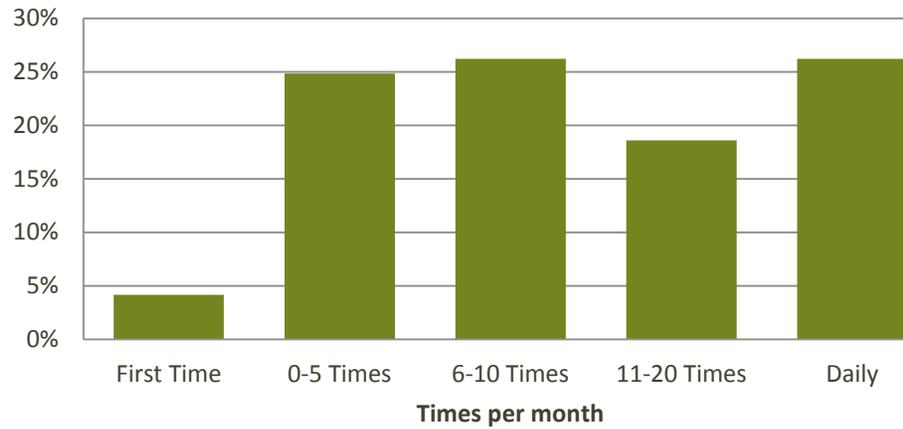


Why people use this trail instead of biking or walking elsewhere

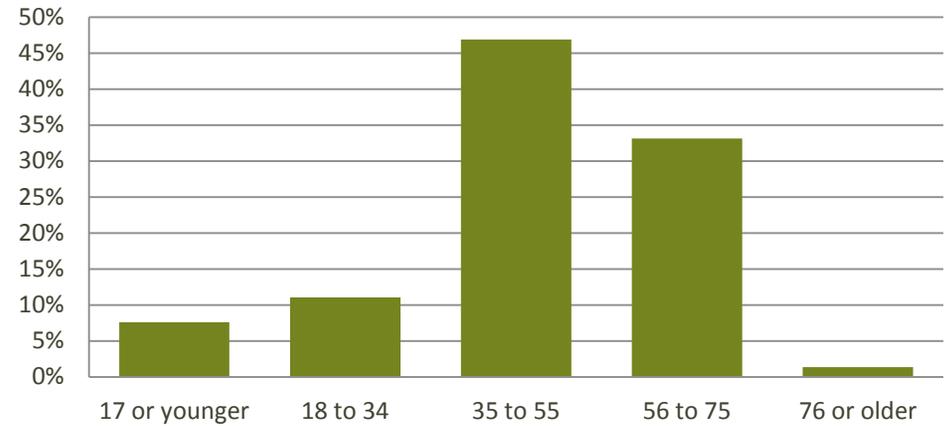


BURNT BRIDGE CREEK TRAIL – SURVEY SUMMARY

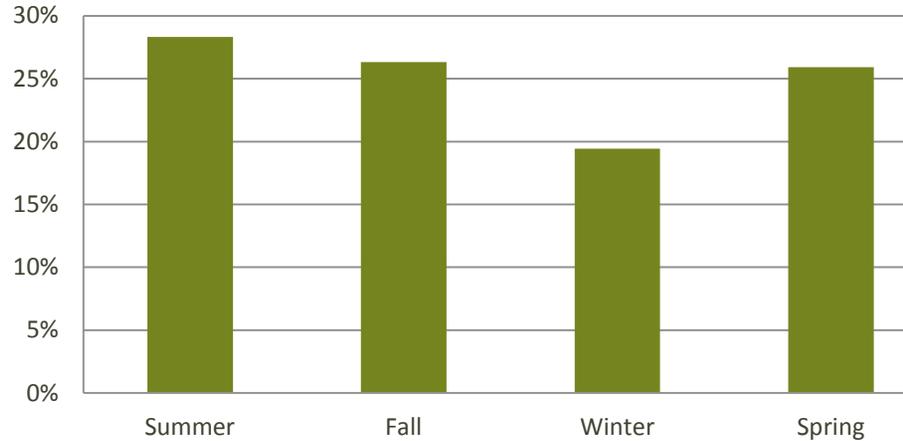
How often people use this trail



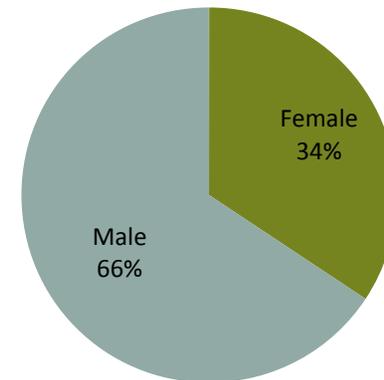
Ages of trail users surveyed



Seasons that people use this trail



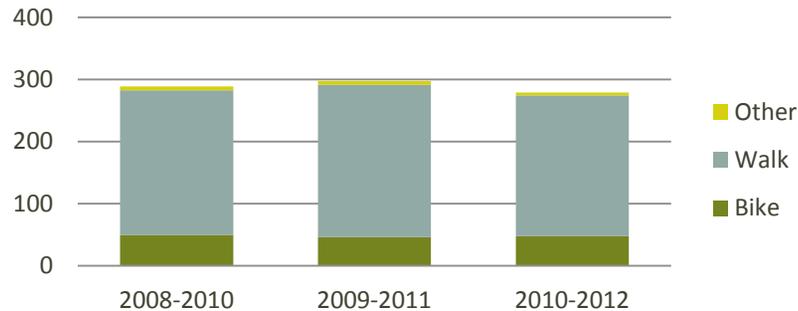
Gender of trail users surveyed



COLUMBIA RIVER RENAISSANCE TRAIL

Annual Count Data (Average 2 hour peak counts)	2008	2009	2010	2011	2012
Site 462 – Weekday					
Bike	44	56	49	33	61
Walk	93	282	324	131	225
Other	6	7	5	6	4
Total	143	345	378	170	290

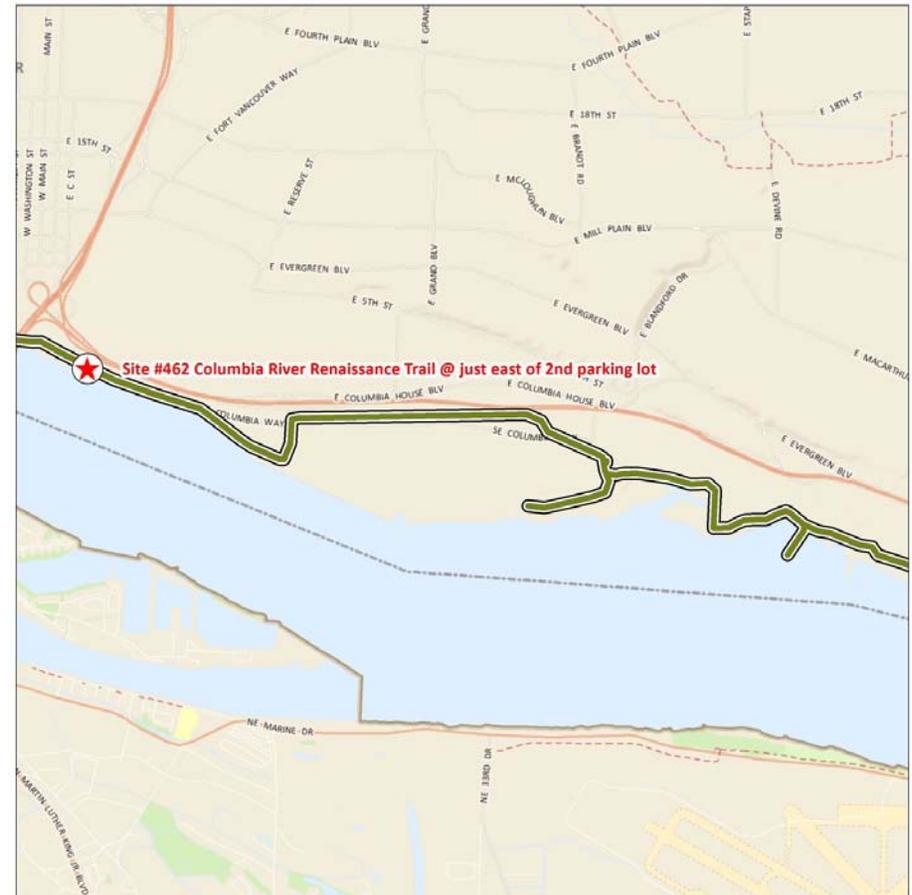
Average 2 Hour Peak Usage by Mode



Estimated Average Usage

(2010-2012 rolling average, all user types)

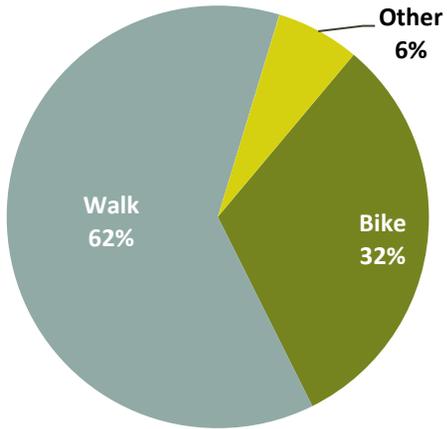
DAILY: 2,560
WEEKLY: 18,000
MONTHLY: 78,000
YEARLY: 940,000



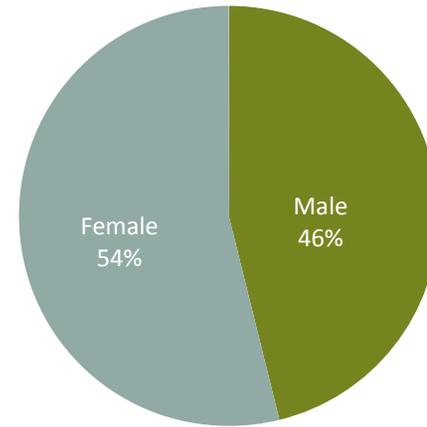
Survey sample size	
Walking	58
Biking	9
Jogging	14
Other	3
Total	84

COLUMBIA RIVER RENAISSANCE TRAIL – COUNT DATA SUMMARY

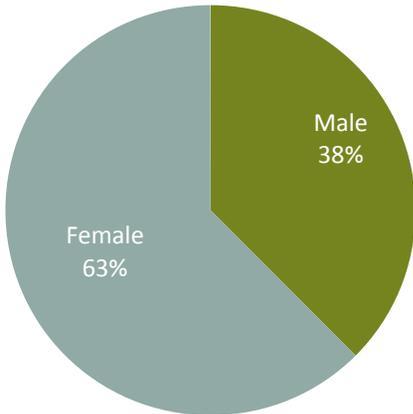
2010-2012 Mode Split



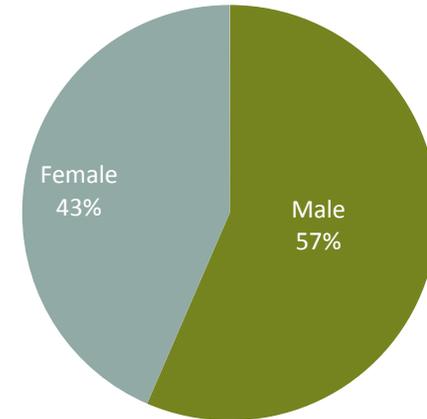
2010-2012 Observed Gender - All User Types



2010-2012 Observed Gender - Pedestrians



2010-2012 Observed Gender - Bicyclists

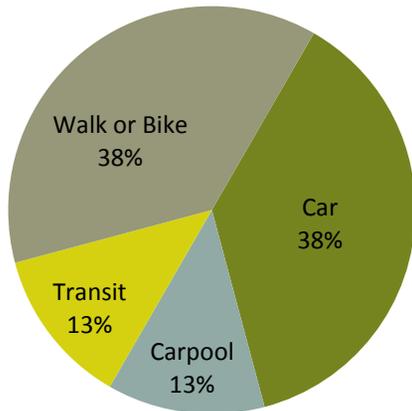


COLUMBIA RIVER RENAISSANCE TRAIL – SURVEY SUMMARY

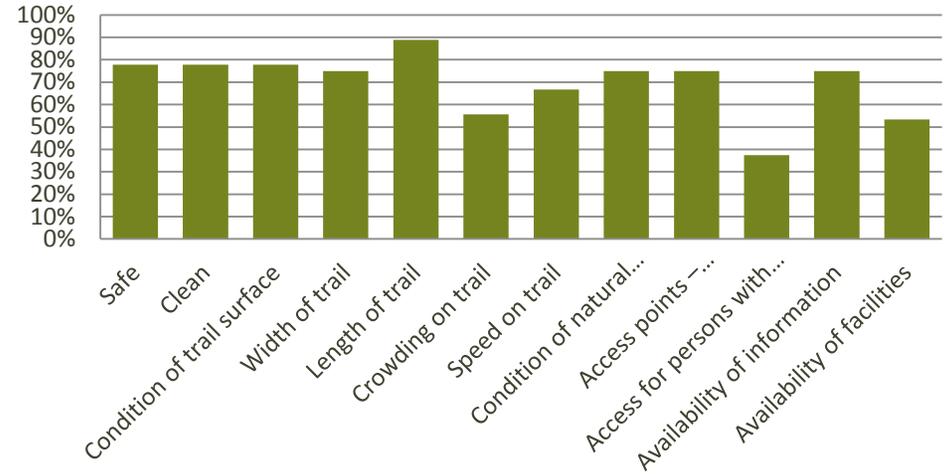
Why people on bikes use the trail



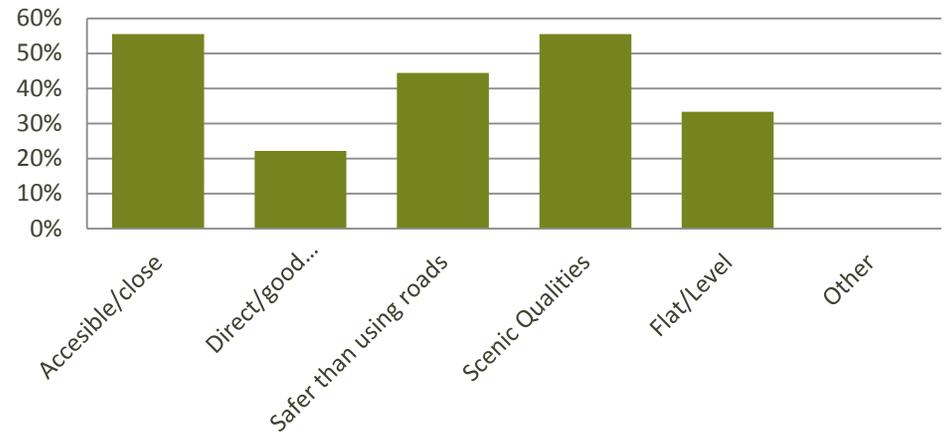
How people on bikes get to the trail



Share of responses by people on bikes with "Good" or "Excellent" ratings of the trail attributes

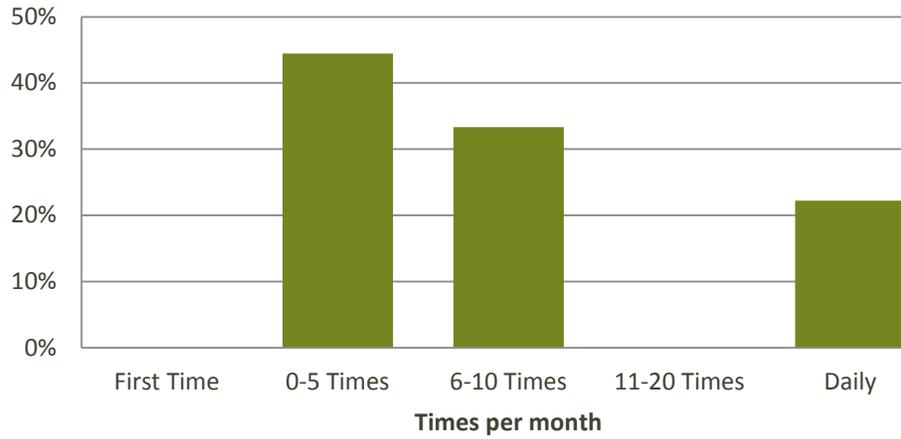


Why are people on bikes using this trail instead of riding elsewhere?

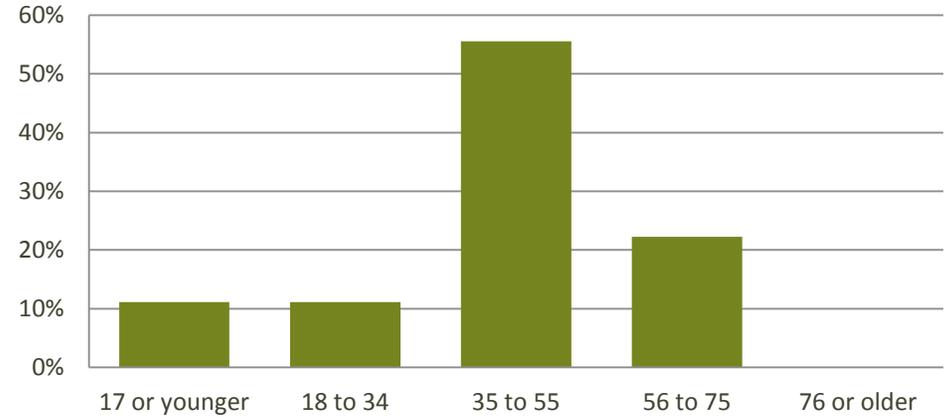


COLUMBIA RIVER RENAISSANCE TRAIL – SURVEY SUMMARY

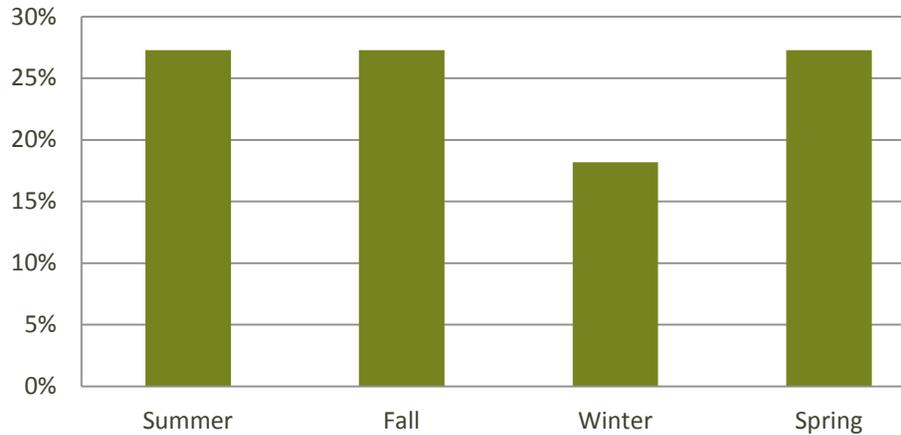
How often people on bikes use this trail



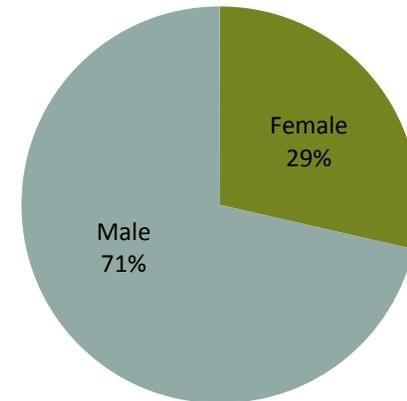
Ages of people on bikes on this trail



Seasons that people on bikes use this trail

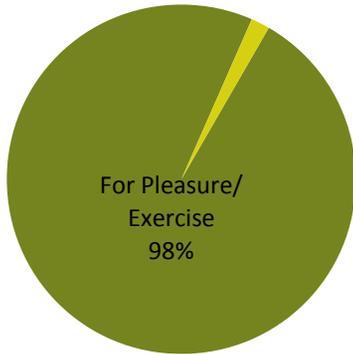


Gender of people on bikes surveyed using this trail

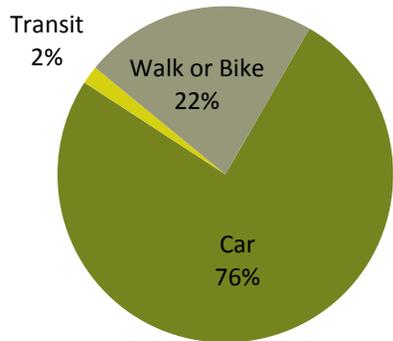


COLUMBIA RIVER RENAISSANCE TRAIL – SURVEY SUMMARY

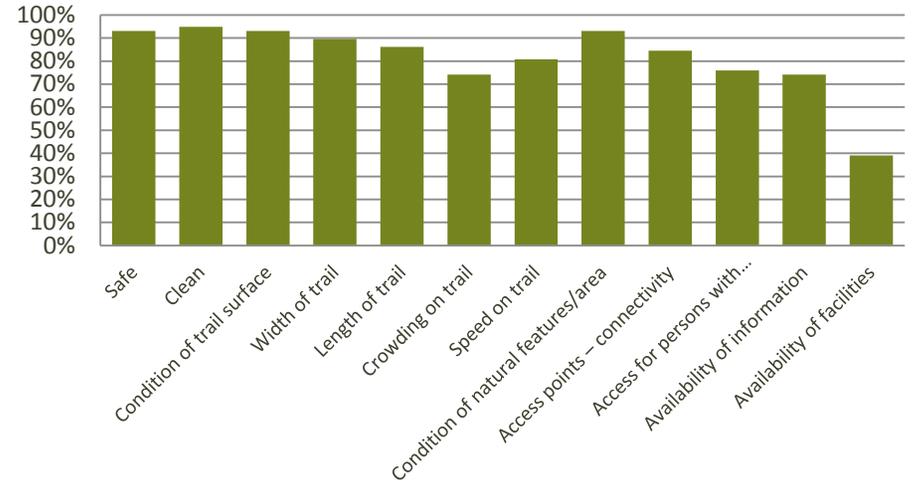
Why walkers use the trail



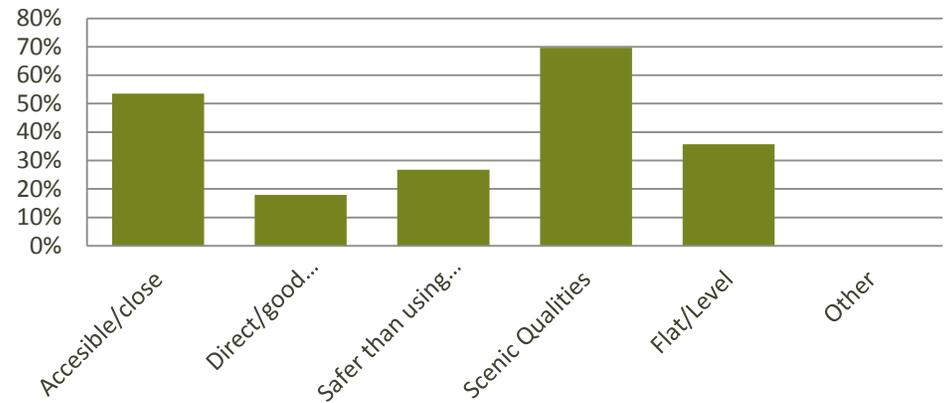
How walkers get to the trail



Share of responses by people walking with "Good" or "Excellent" ratings of the trail attributes

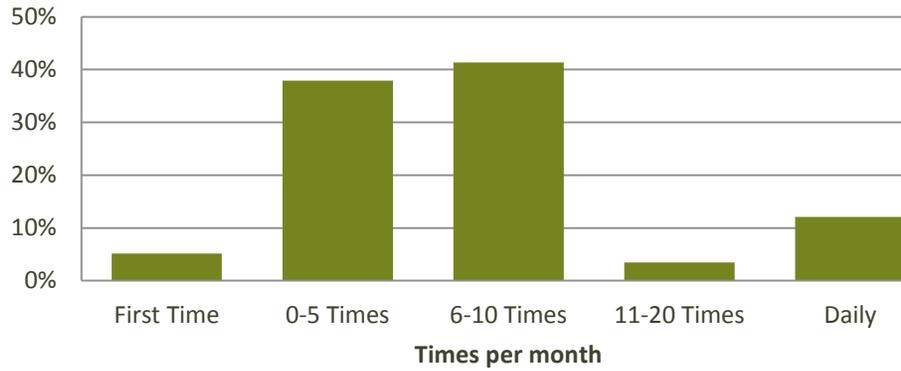


Why walkers use this trail instead of walking elsewhere

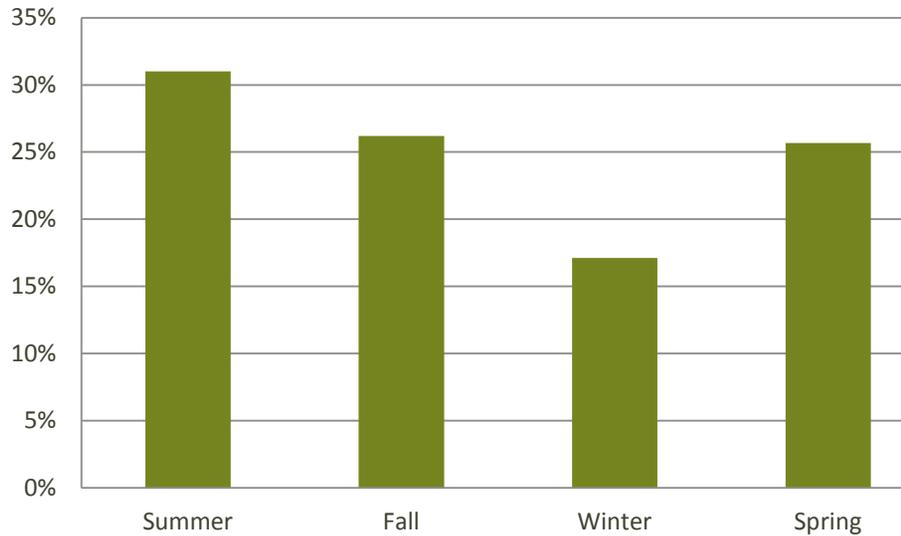


COLUMBIA RIVER RENAISSANCE TRAIL – SURVEY SUMMARY

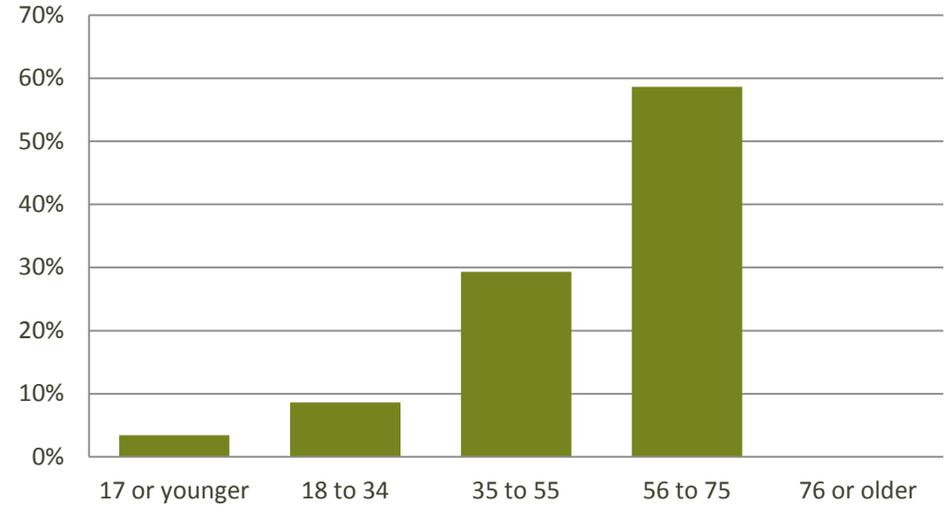
How often walkers use this trail



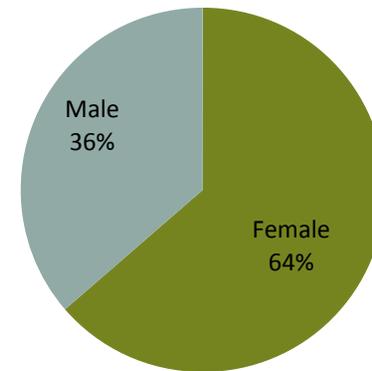
Seasons that walkers use this trail



Ages of walkers on this trail



Gender of walkers surveyed on this trail



COLUMBIA RIVER RENAISSANCE TRAIL – SURVEY SUMMARY

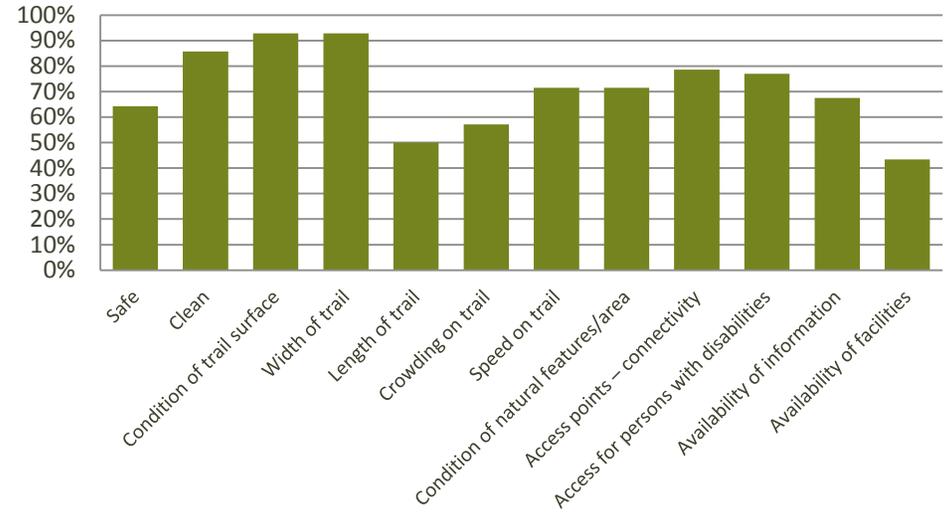
Why joggers use the trail



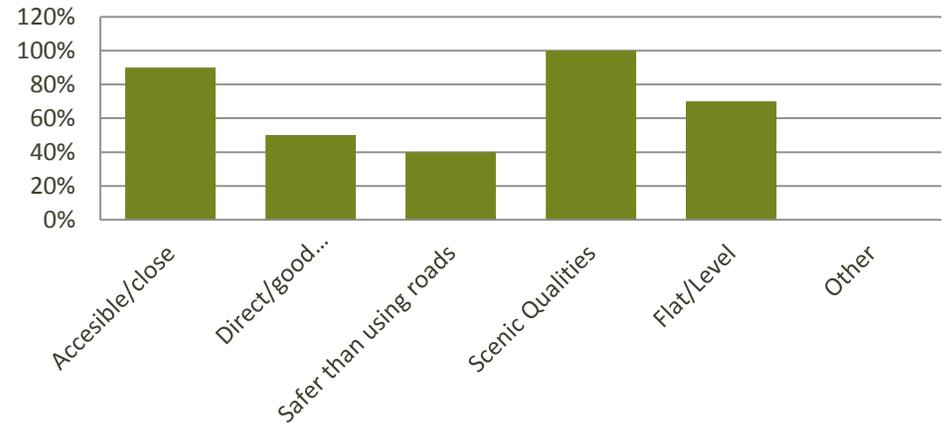
How joggers get to the trail



Why joggers use this trail instead of jogging elsewhere

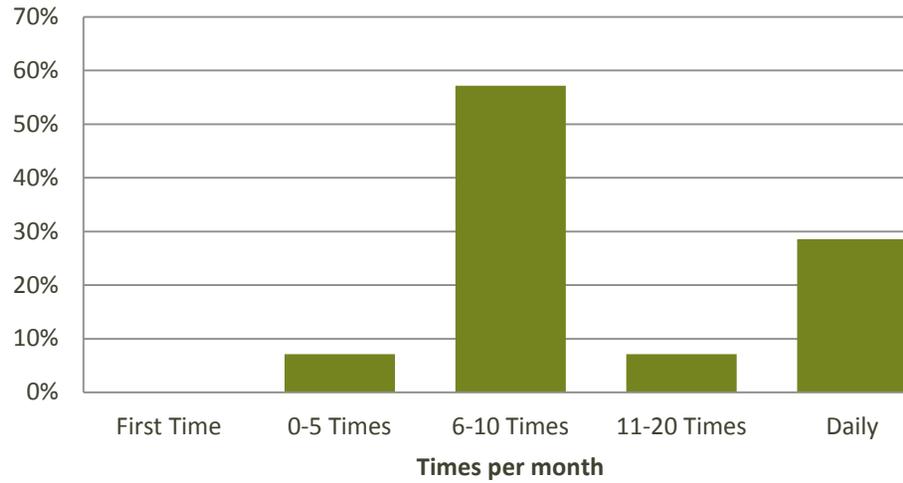


Why are joggers using this trail instead of walking elsewhere?

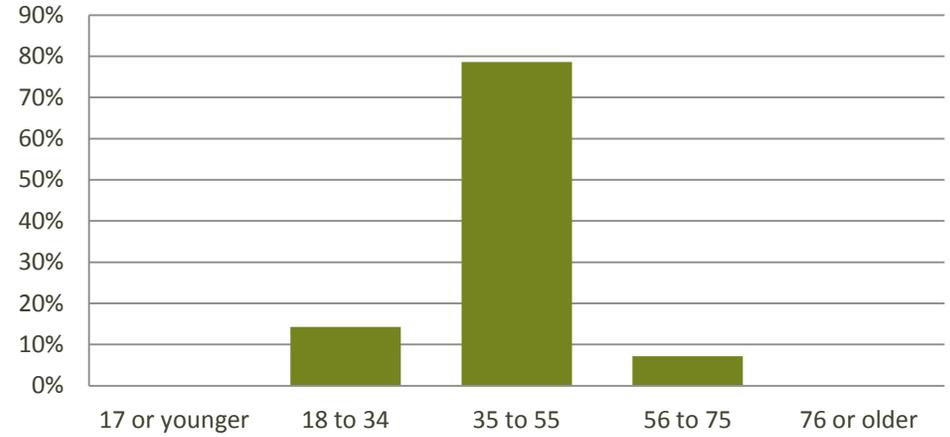


COLUMBIA RIVER RENAISSANCE TRAIL – SURVEY SUMMARY

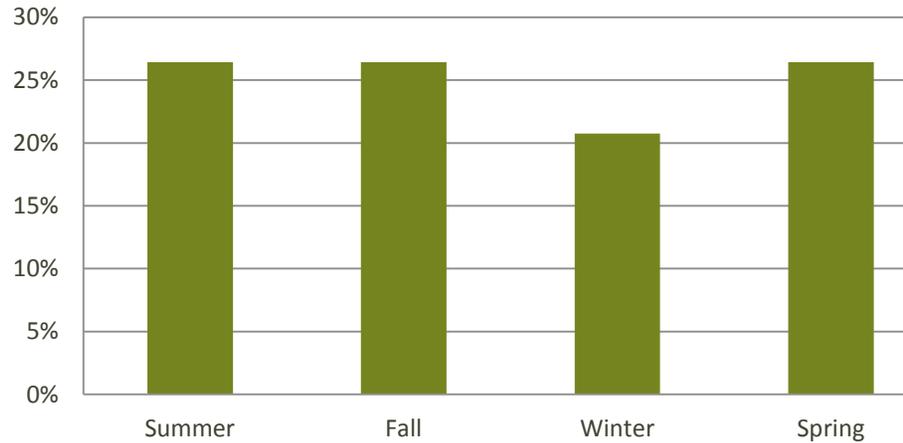
How often joggers use this trail



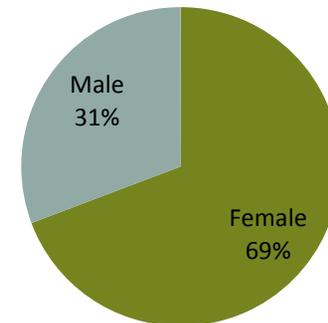
Ages of joggers on this trail



Seasons that people jogging use this trail

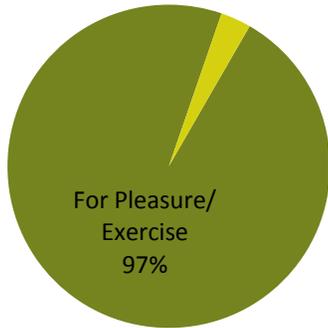


Gender of joggers surveyed on this trail

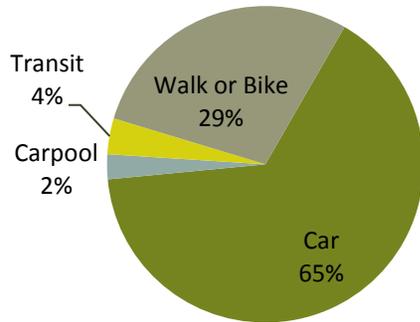


COLUMBIA RIVER RENAISSANCE TRAIL – SURVEY SUMMARY

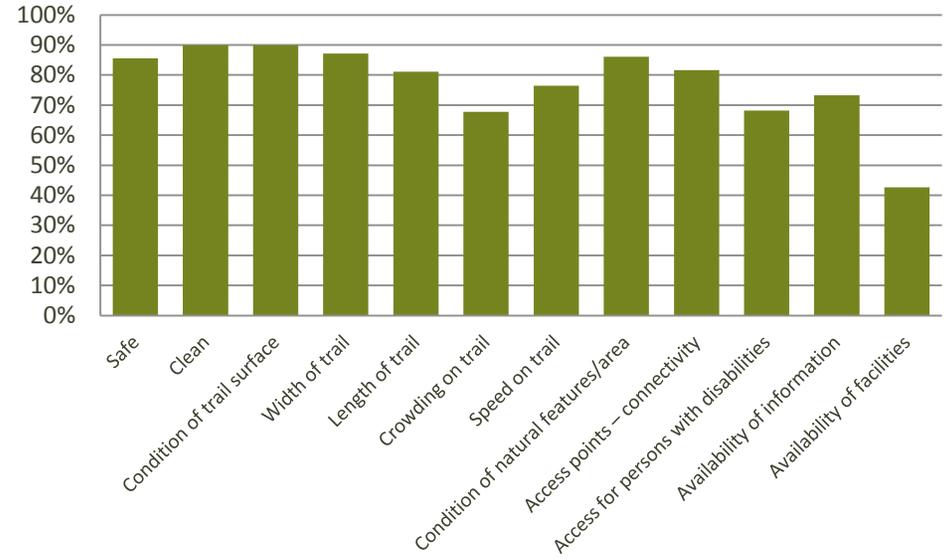
Why people use this trail



How people get to this trail



Share of responses with "Good" or "Excellent" ratings of the trail attributes

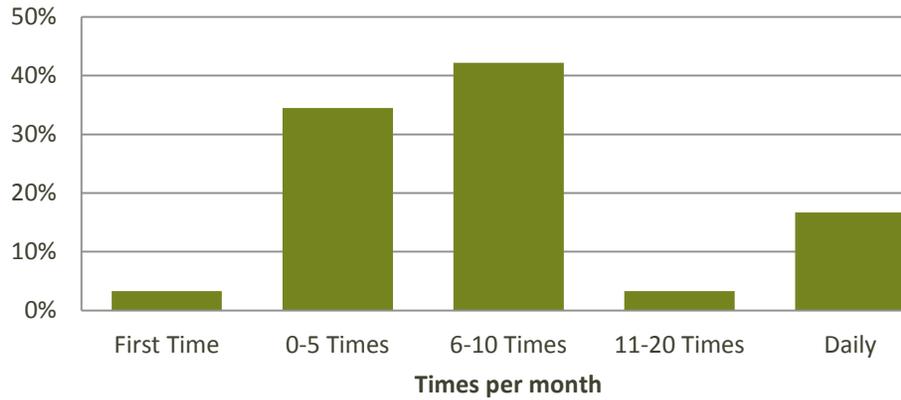


Why people use this trail instead of biking or walking elsewhere

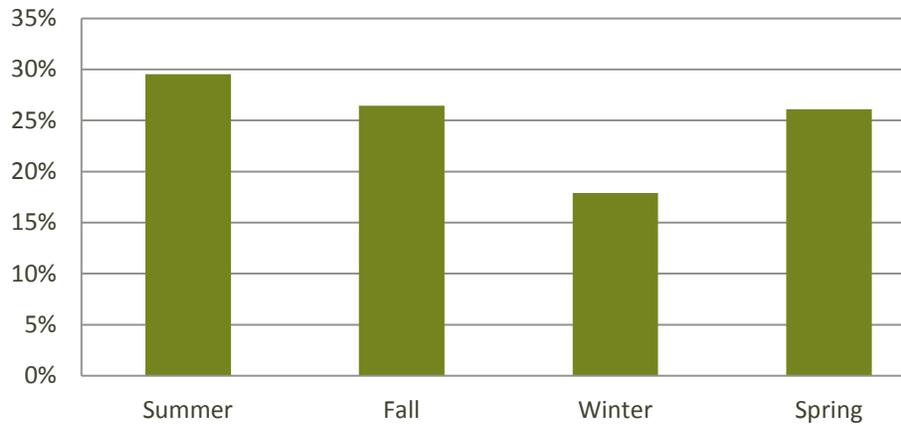


COLUMBIA RIVER RENAISSANCE TRAIL – SURVEY SUMMARY

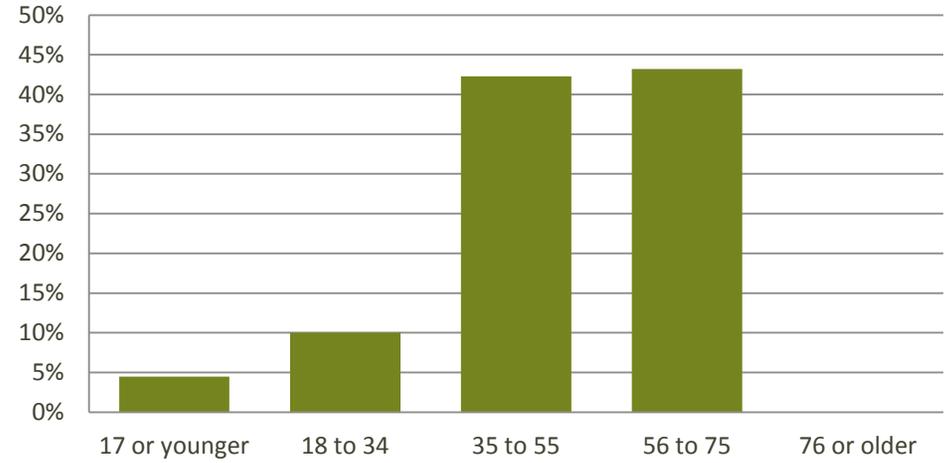
How often people use this trail



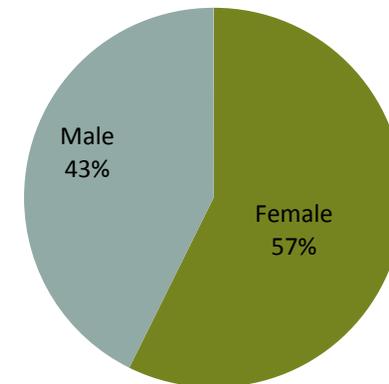
Seasons that people use this trail



Ages of trail users



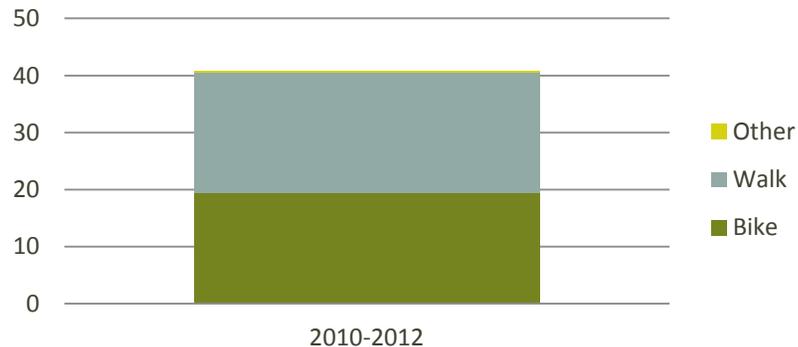
Gender of trail users surveyed



COUNCIL CREEK TRAIL

Annual Count Data (Average 2 hour peak counts)	2008	2009	2010	2011	2012
Site 962 – Weekday					
Bike	-	-	-	-	18
Walk	-	-	-	-	20
Other	-	-	-	-	1
Total	-	-	-	-	39
Site 963 – Weekday					
Bike	-	-	-	-	21
Walk	-	-	-	-	22
Other	-	-	-	-	0
Total	-	-	-	-	43

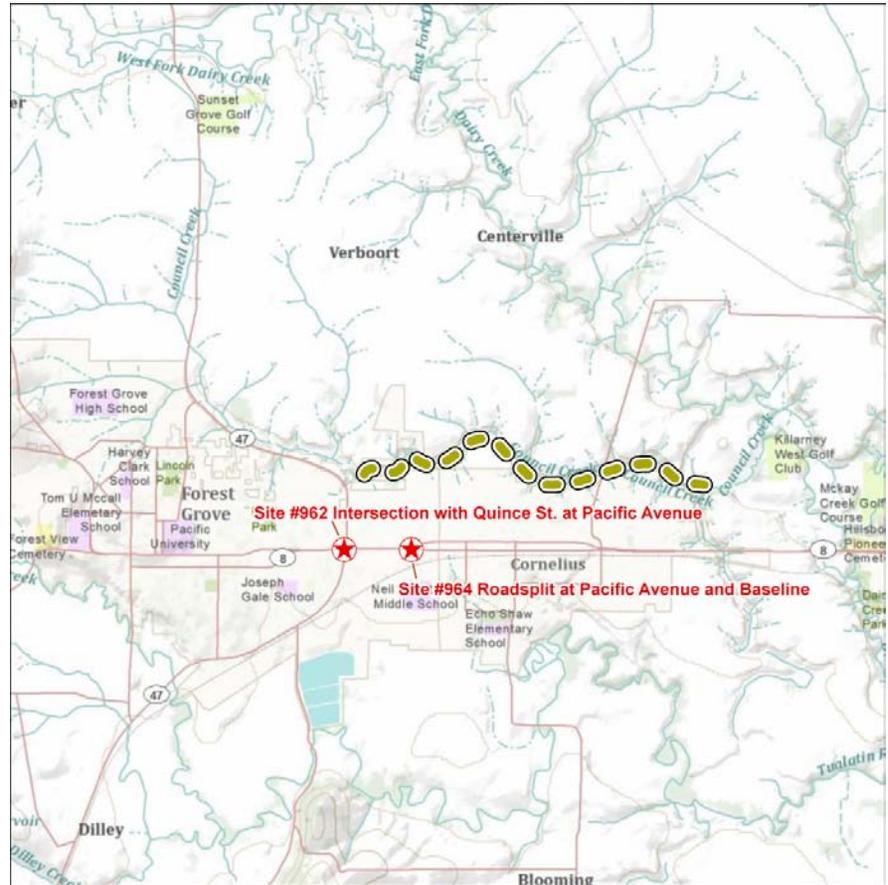
Average 2 Hour Peak Usage by Mode



Estimated Average Usage

(2010-2012 rolling average, all user types)

DAILY: 370 MONTHLY: 11,000
WEEKLY: 2,600 YEARLY: 140,000

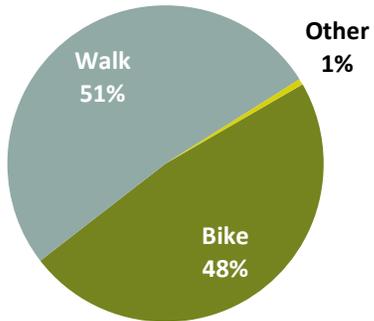


The Council Creek Trail is planned for future construction. Count locations for this trail record usage along a parallel facility to track information about usage before and after construction.

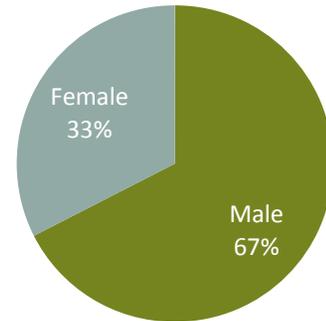
An insufficient number of surveys were collected on this trail for detailed analysis.

COUNCIL CREEK TRAIL – COUNT DATA SUMMARY

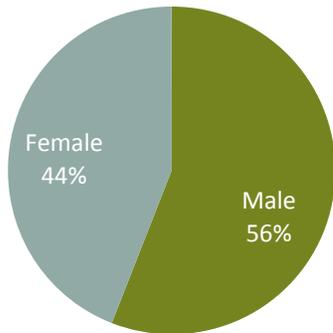
2010-2012 Mode Split



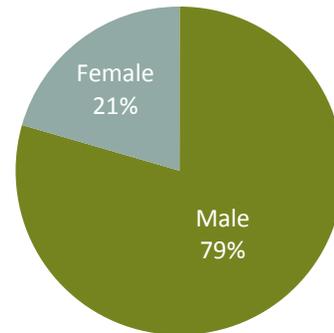
2010-2012 Observed Gender - All Users



2010-2012 Observed Gender - Pedestrians



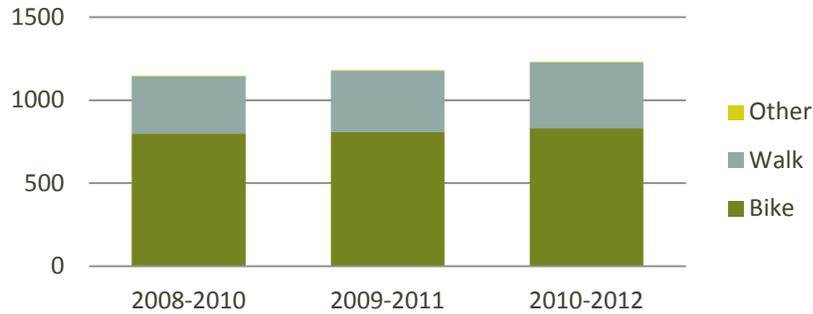
2010-2012 Observed Gender - Bicyclists



EASTBANK ESPLANADE

Annual Count Data (Average 2 hour peak counts)	2008	2009	2010	2011	2012
Site 40 – Weekday					
Bike	960	876	564	982	944
Walk	296	407	324	380	488
Other	7	6	1	5	5
Total	1263	1289	889	1367	1437

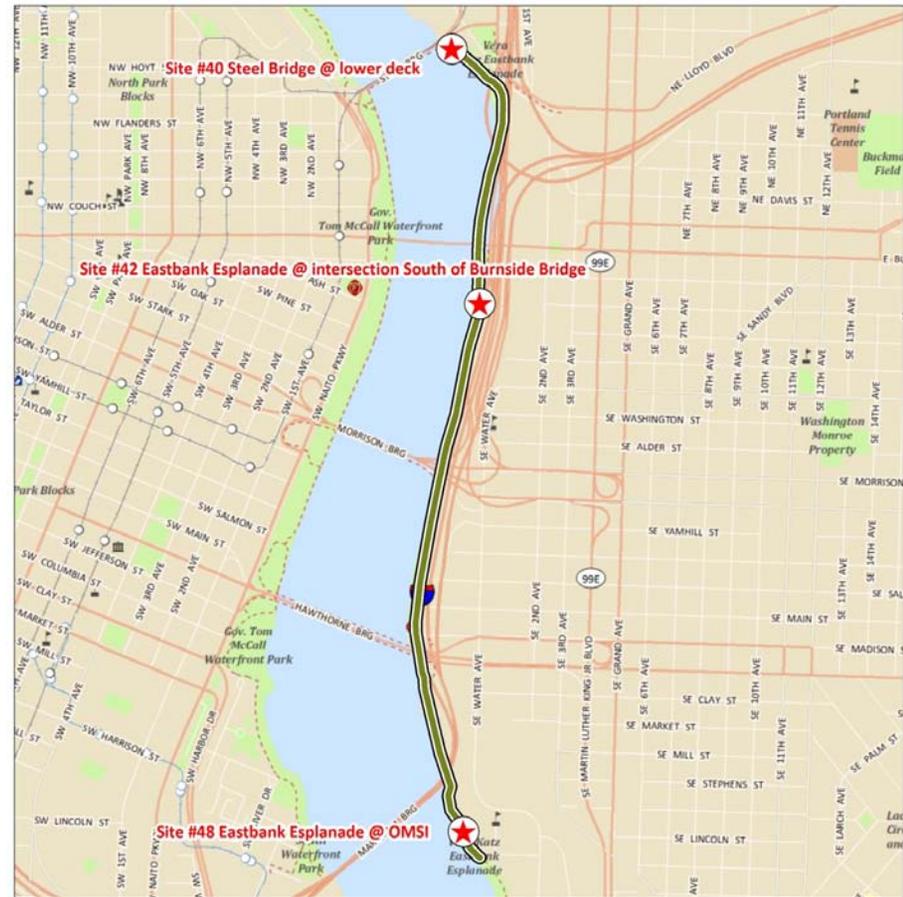
Average 2 Hour Peak Usage by Mode



Estimated Average Usage

(2010-2012 rolling average, all user types)

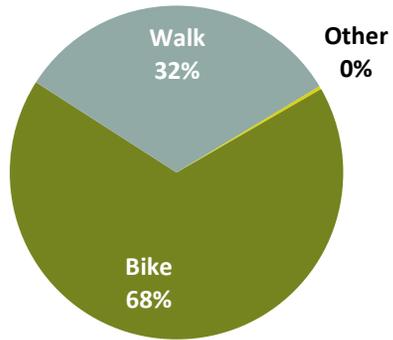
DAILY: 11,290
WEEKLY: 79,300
MONTHLY: 343,000
YEARLY: 4,120,000



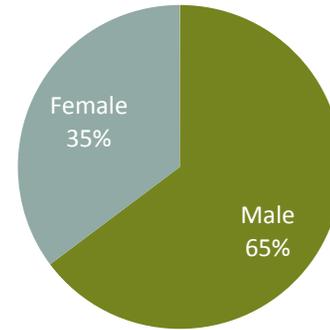
Survey sample size	
Walking	25
Biking	60
Jogging	15
Other	4
Total	104

EASTBANK ESPLANADE – COUNT DATA SUMMARY

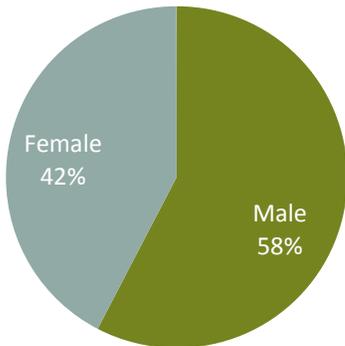
2010-2012 Mode Split



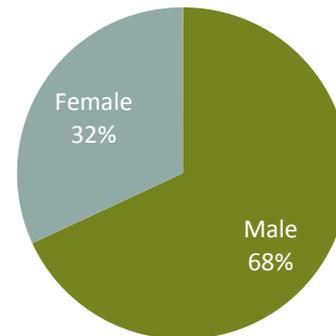
2010-2012 Observed Gender - All Users



2010-2012 Observed Gender - Pedestrians

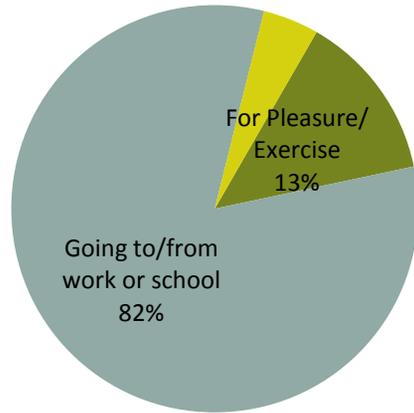


2010-2012 Observed Gender - Bicyclists

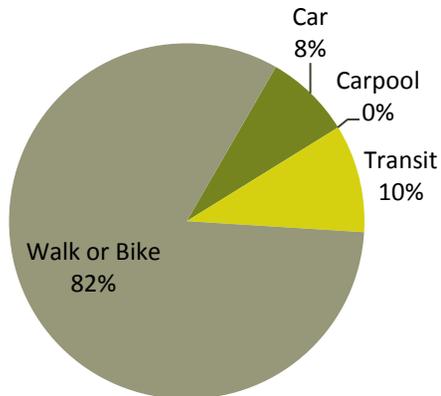


EASTBANK ESPLANADE – SURVEY SUMMARY

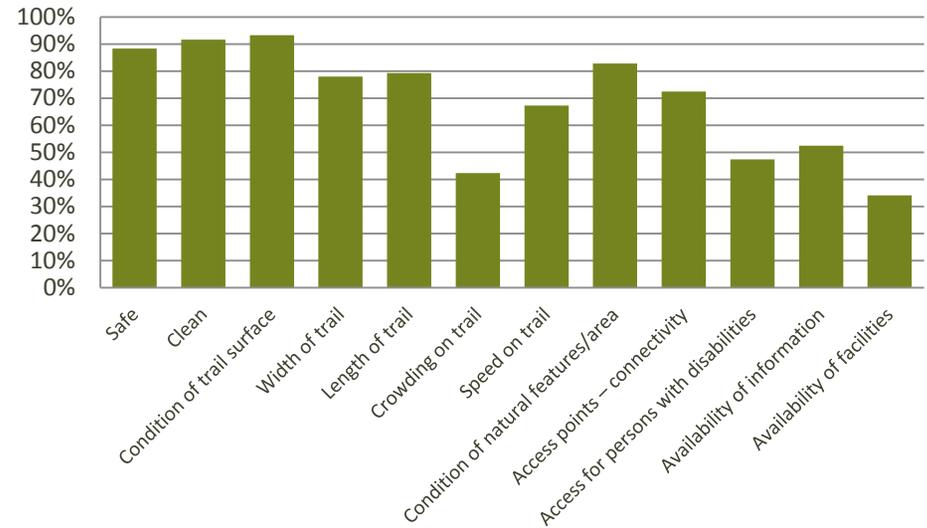
Why people on bikes use the trail



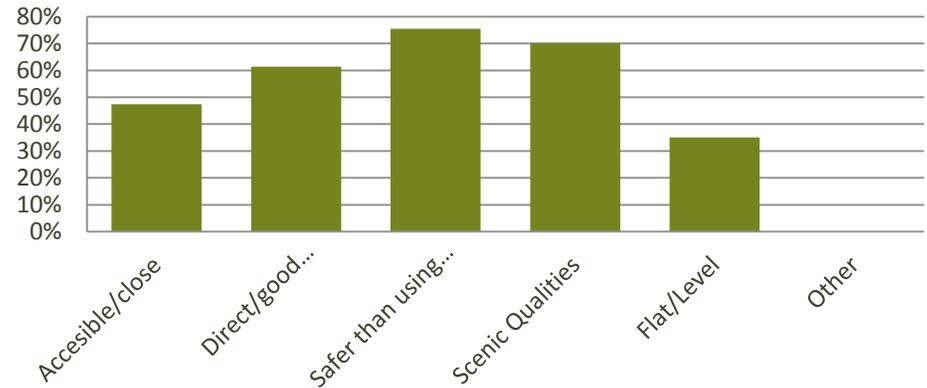
How people on bikes get to the trail



Share of responses by people on bikes with "Good" or "Excellent" ratings of the trail attributes

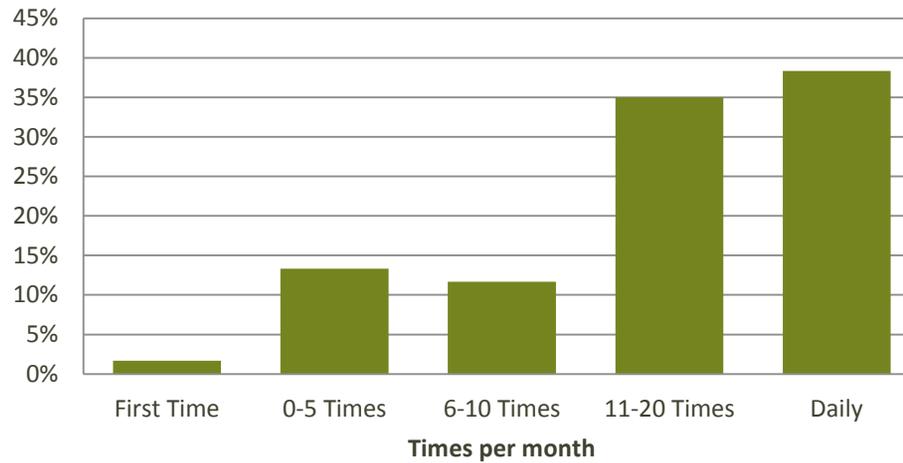


Why are people on bikes using this trail instead of riding elsewhere?

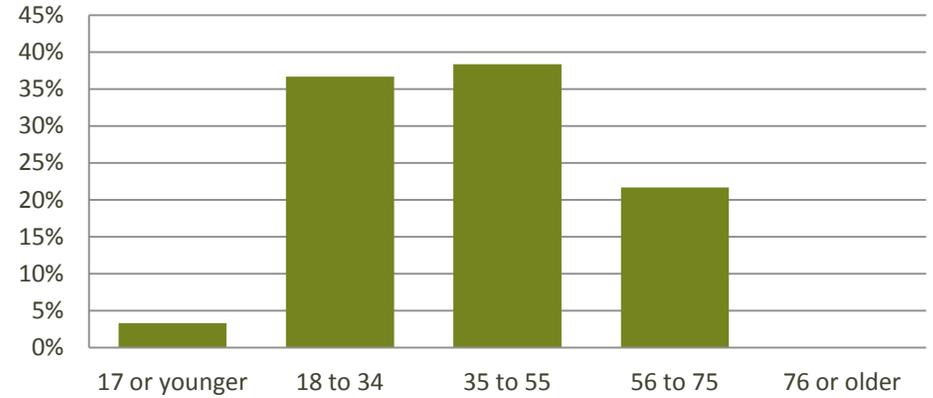


EASTBANK ESPLANADE – SURVEY SUMMARY

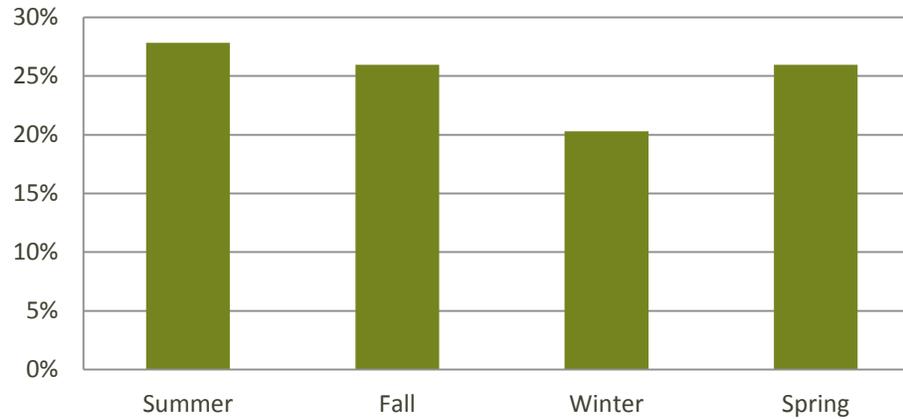
How often people on bikes use this trail



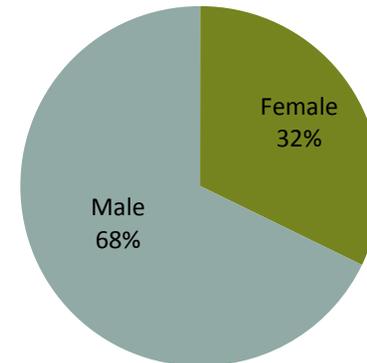
Ages of people on bikes on this trail



Seasons that people on bikes use this trail



Gender of people on bikes surveyed using this trail

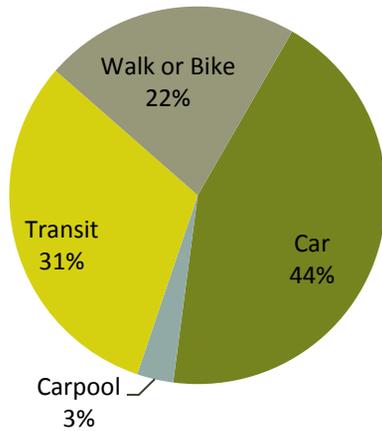


EASTBANK ESPLANADE – SURVEY SUMMARY

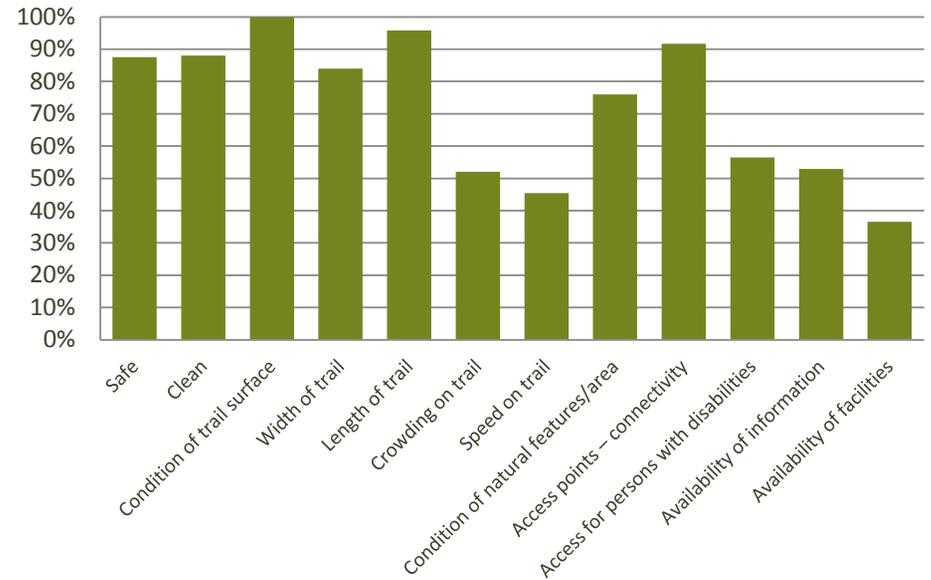
Why walkers use the trail



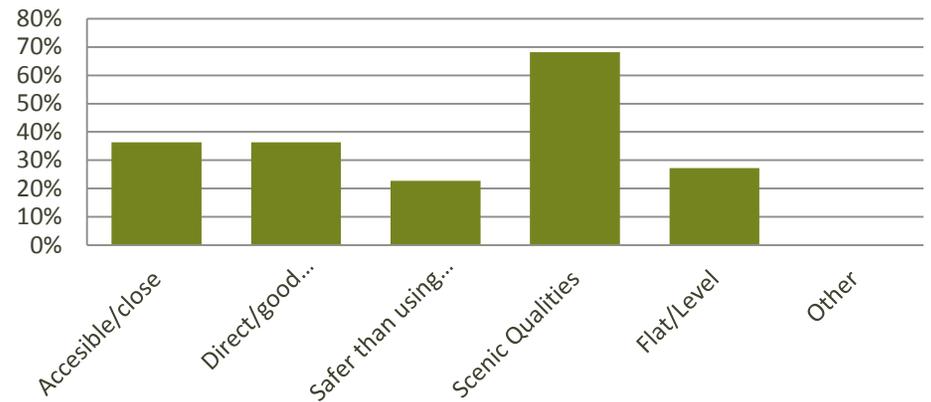
How walkers get to the trail



Share of responses by people walking with "Good" or "Excellent" ratings of the trail attributes

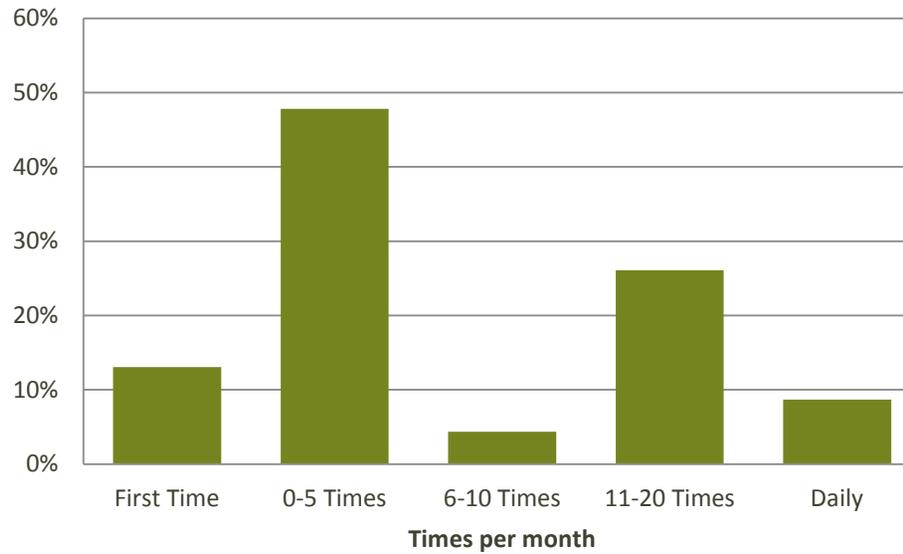


Why walkers use this trail instead of walking elsewhere

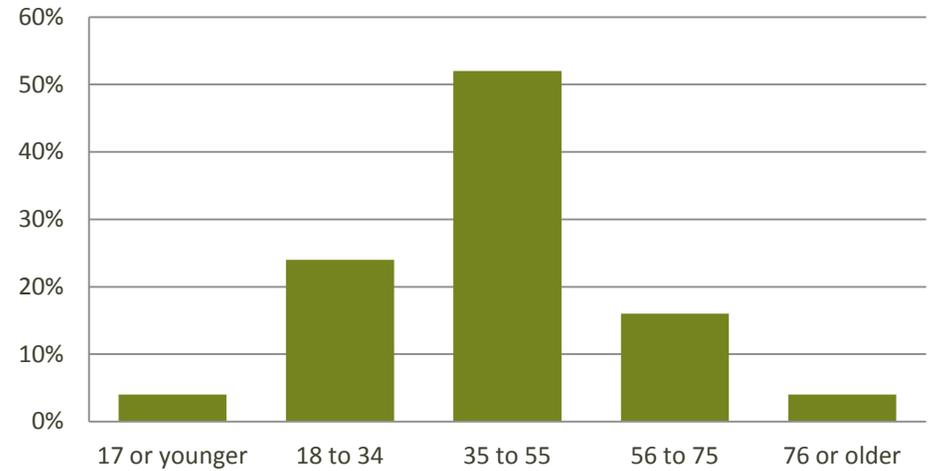


EASTBANK ESPLANADE – SURVEY SUMMARY

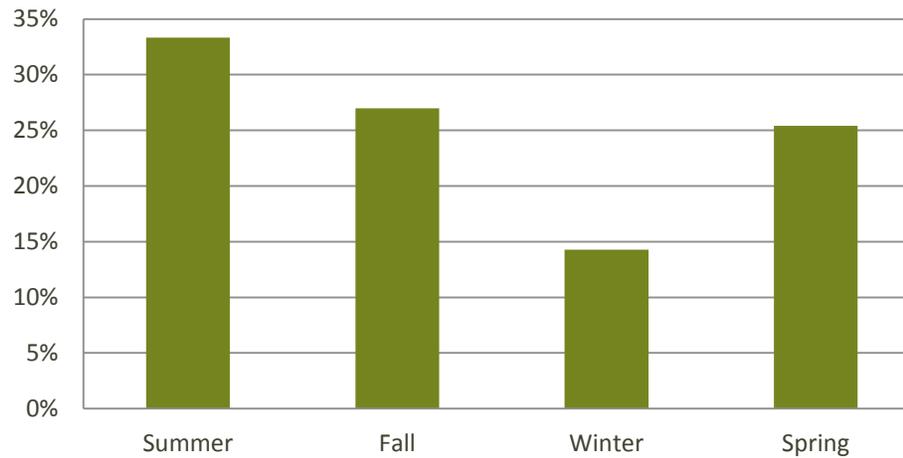
How often walkers use this trail



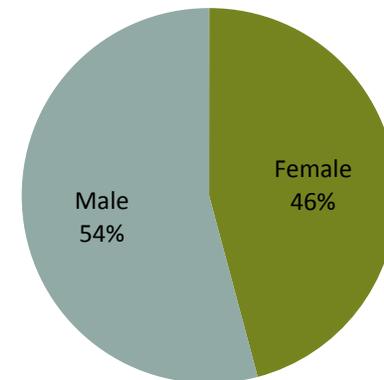
Ages of walkers surveyed on this trail



Seasons that walkers use this trail



Gender of walkers surveyed on this trail

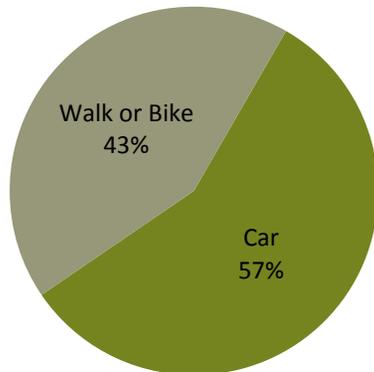


EASTBANK ESPLANADE – SURVEY SUMMARY

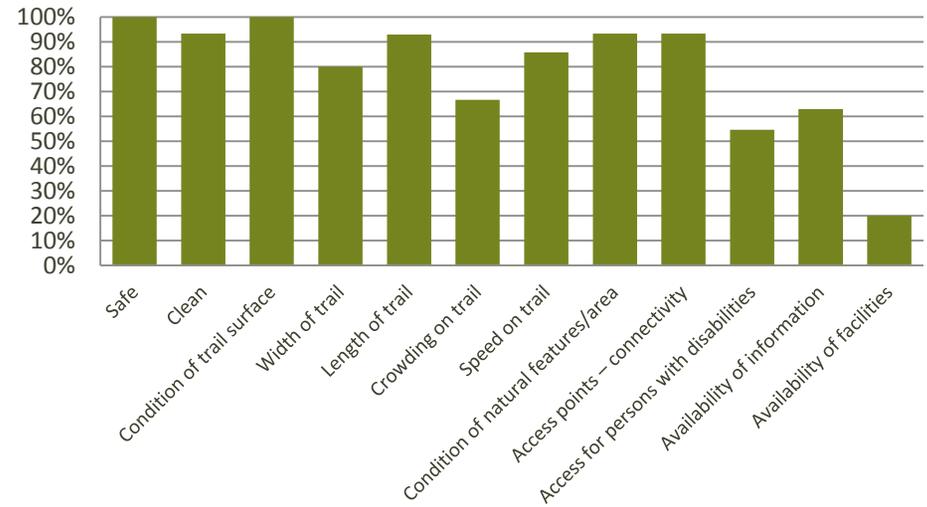
Why joggers use the trail



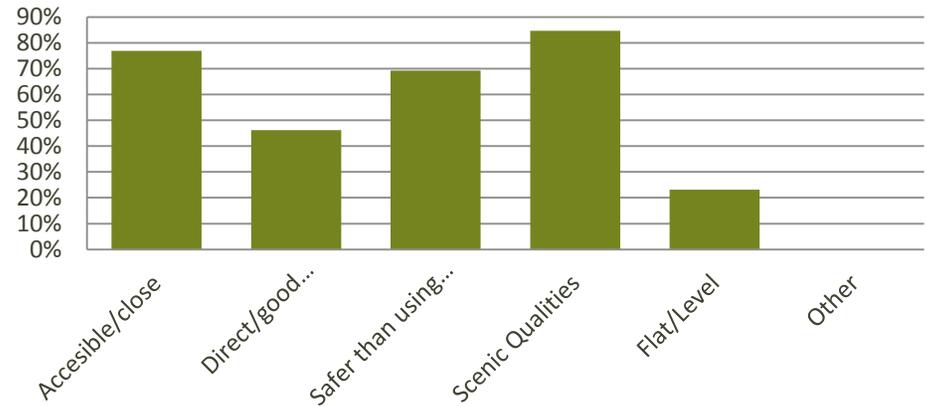
How joggers get to the trail



Share of responses by joggers with "Good" or "Excellent" ratings of the trail attributes

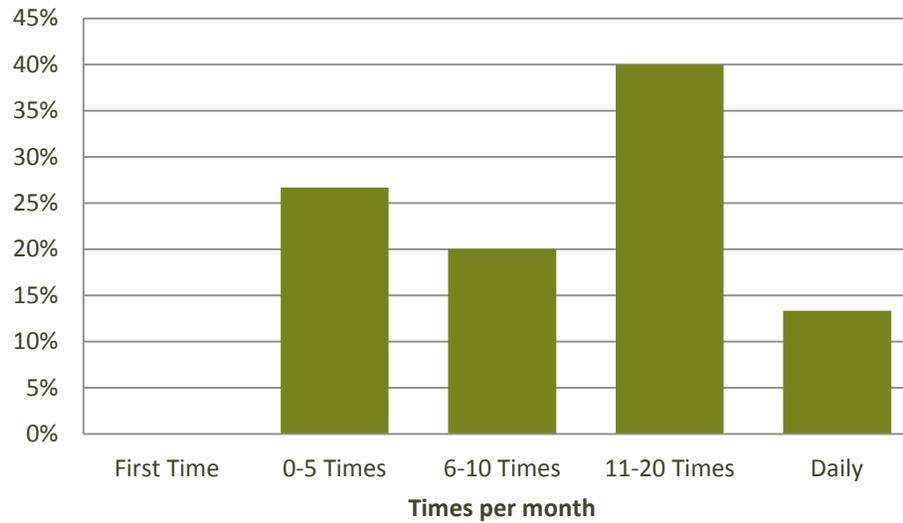


Why joggers use this trail instead of jogging elsewhere

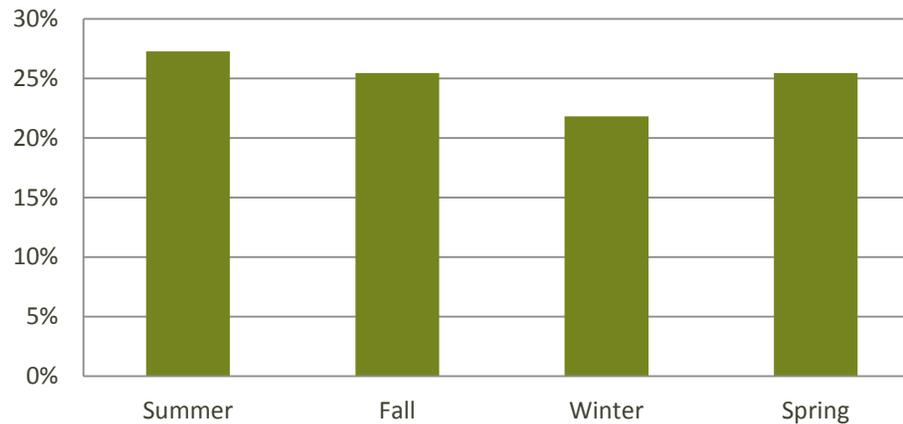


EASTBANK ESPLANADE – SURVEY SUMMARY

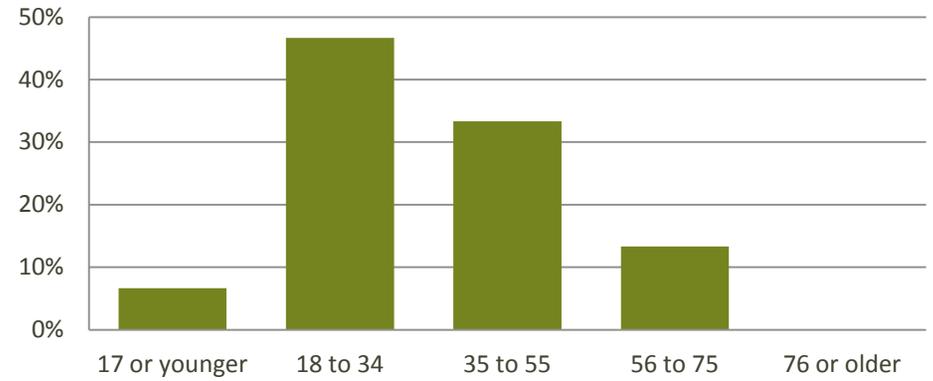
How often joggers use this trail



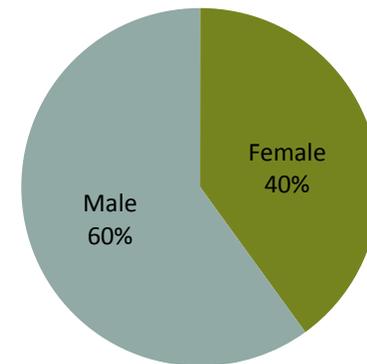
Seasons that joggers use this trail



Ages of joggers surveyed on this trail

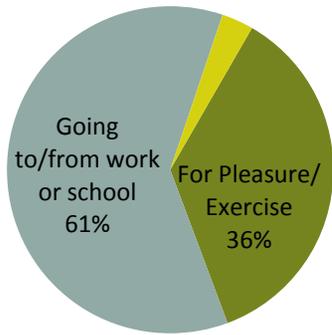


Gender of joggers surveyed on this trail

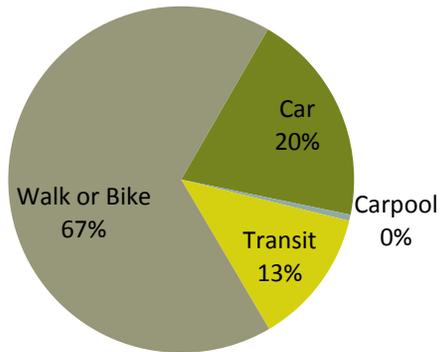


EASTBANK ESPLANADE – SURVEY SUMMARY

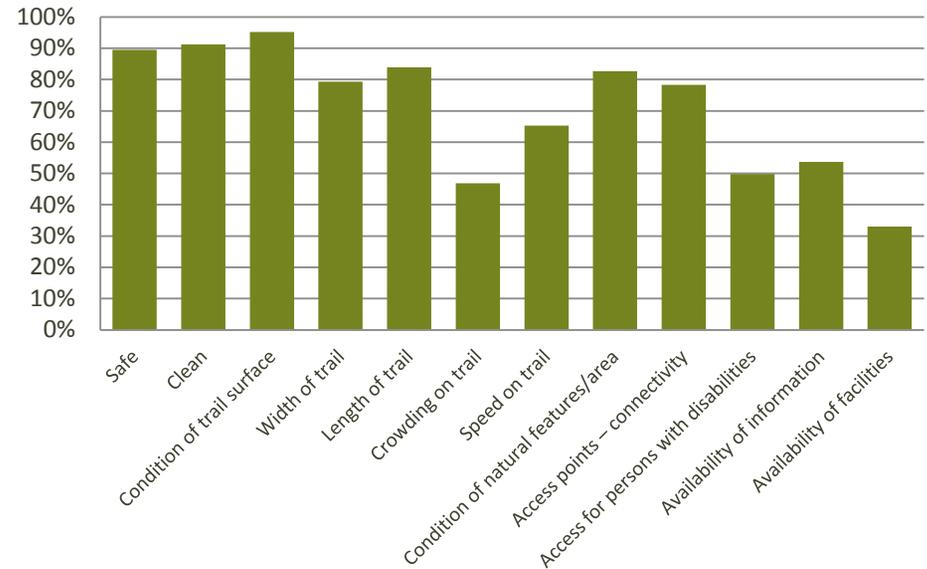
Why people use this trail



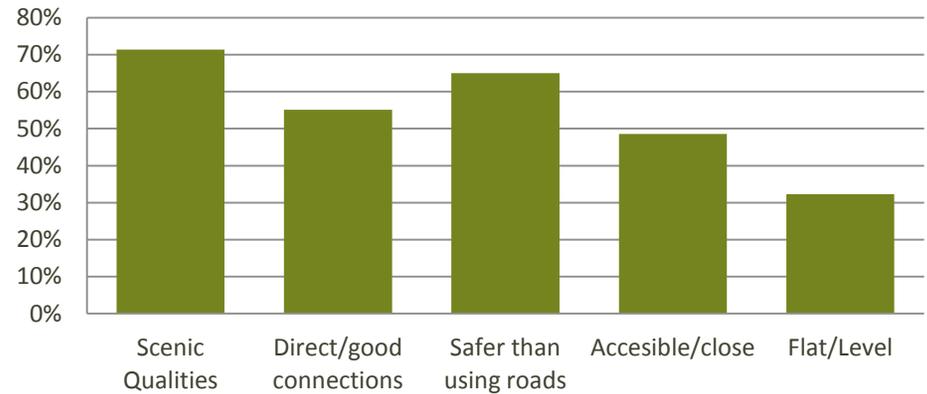
How people get to this trail



Share of responses with "Good" or "Excellent" ratings of the trail attributes

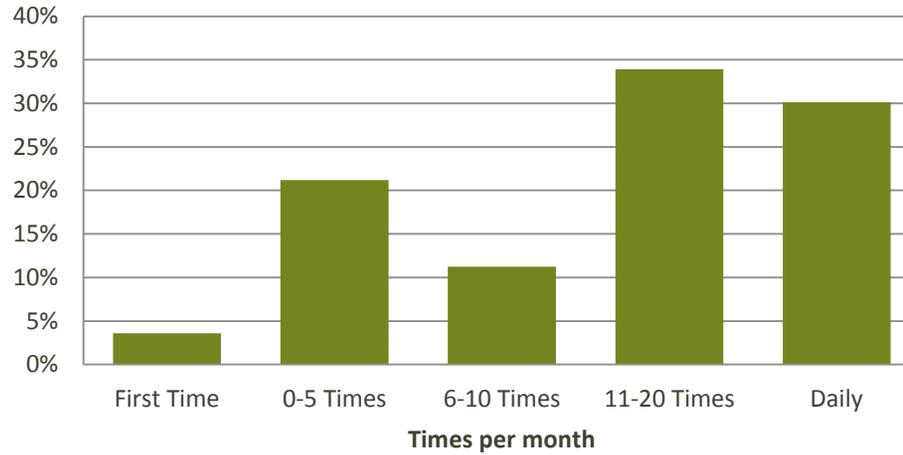


Why people use this trail instead of biking or walking elsewhere

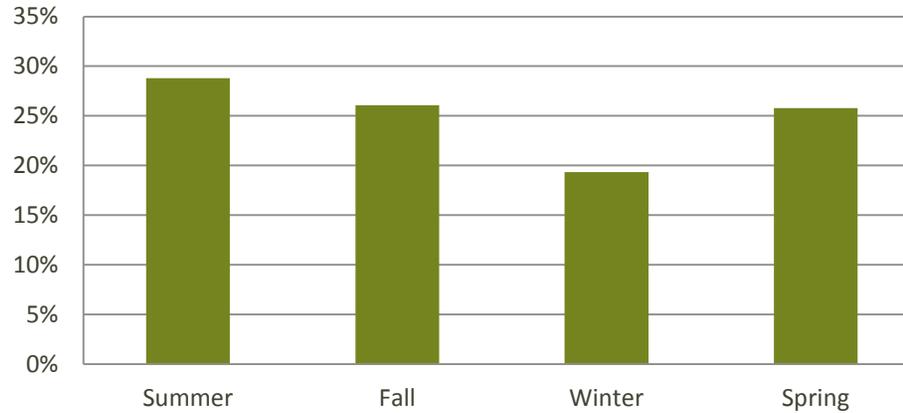


EASTBANK ESPLANADE – SURVEY SUMMARY

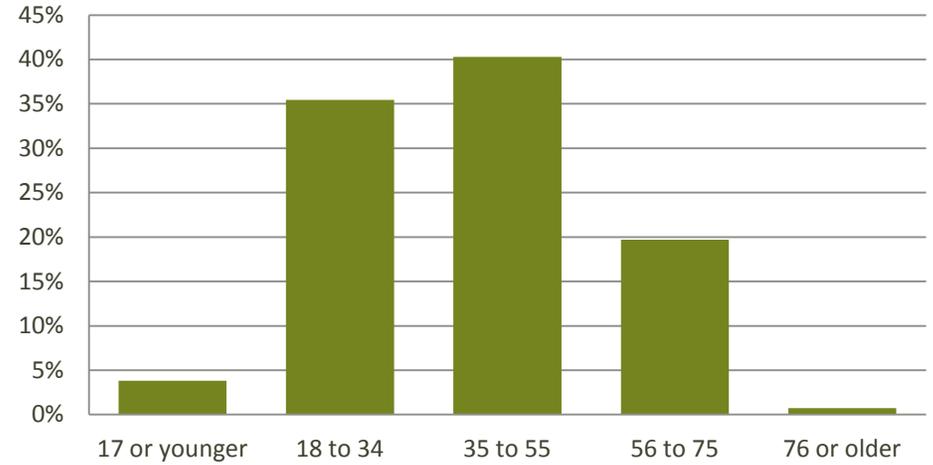
How often people use this trail



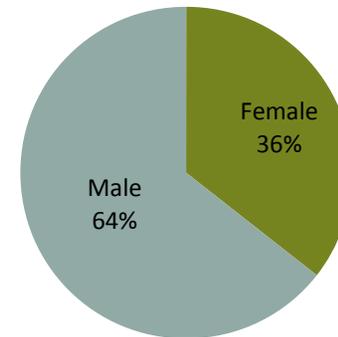
Seasons that people use this trail



Ages of trail users surveyed



Gender of trail users surveyed



FANNO CREEK TRAIL

Annual Count Data (Average 2 hour peak counts)	2008	2009	2010	2011	2012
Site 607 – Weekday					
Bike	-	48	14	64	66
Walk	-	129	41	134	123
Other	-	0	2	2	3
Total	-	177	57	200	192
Site 701 – Weekday					
Bike	-	69	40	44	95
Walk	-	54	37	54	72
Other	-	1	1	1	9
Total	-	124	78	99	176
Site 755 – Weekday					
Bike	-	34	17	34	55
Walk	-	79	85	92	140
Other	-	2	0	3	6
Total	-	114	102	129	201

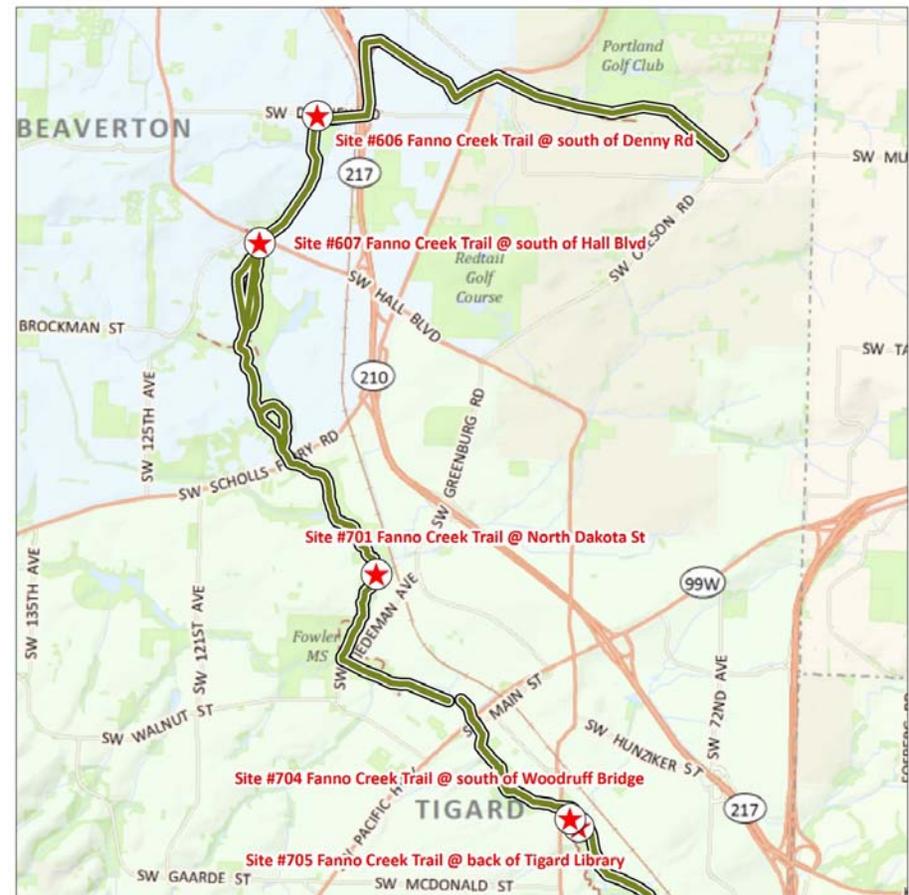
Average 2 Hour Peak Usage by Mode



Estimated Average Usage
(2010-2012 rolling average, all user types)

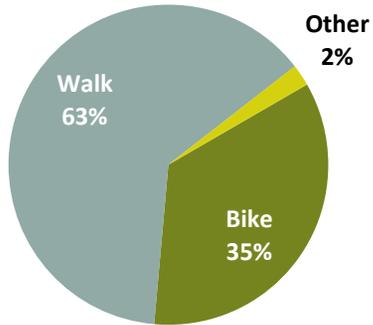
DAILY: 1,260
WEEKLY: 8,800
MONTHLY: 38,000
YEARLY: 460,000

Survey sample size	
Walking	247
Biking	198
Jogging	97
Other	19
Total	561

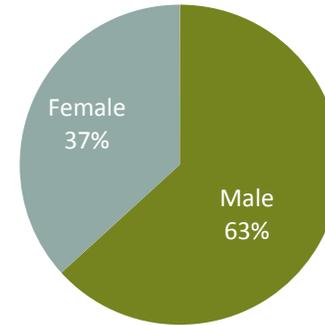


FANNO CREEK TRAIL – COUNT DATA SUMMARY

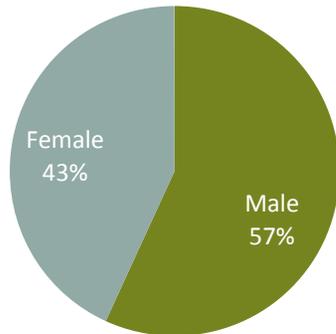
2010-2012 Mode Split



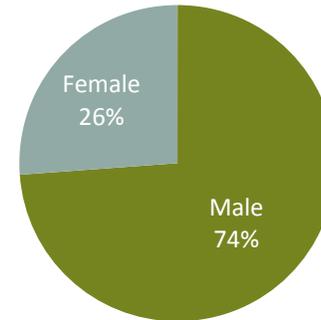
2010-2012 Observed Gender - All Users



2010-2012 Observed Gender - Pedestrians

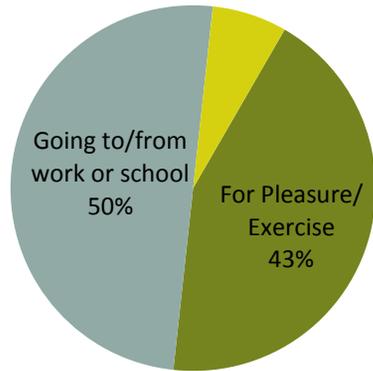


2010-2012 Observed Gender - Bicyclists

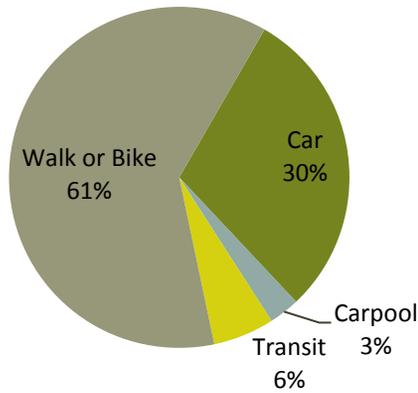


FANNO CREEK TRAIL – SURVEY SUMMARY

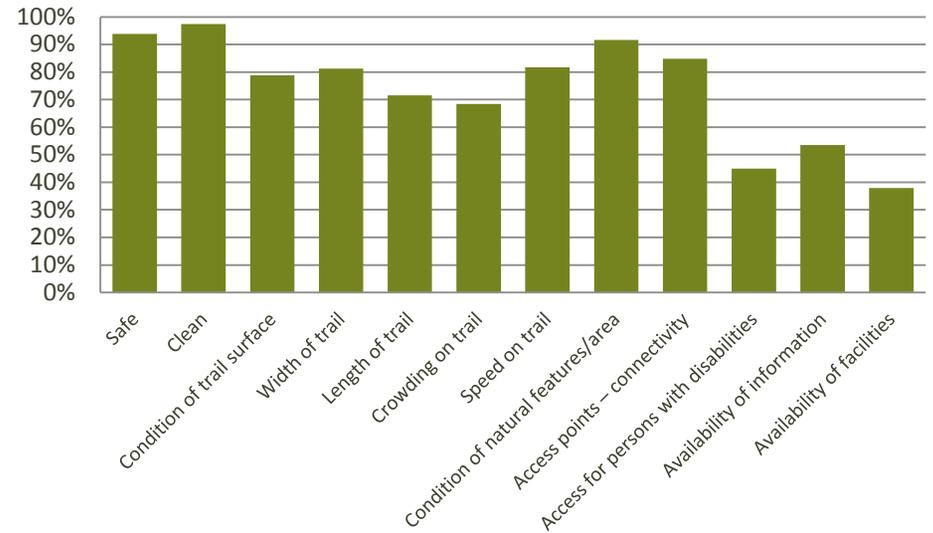
Why people on bikes use the trail



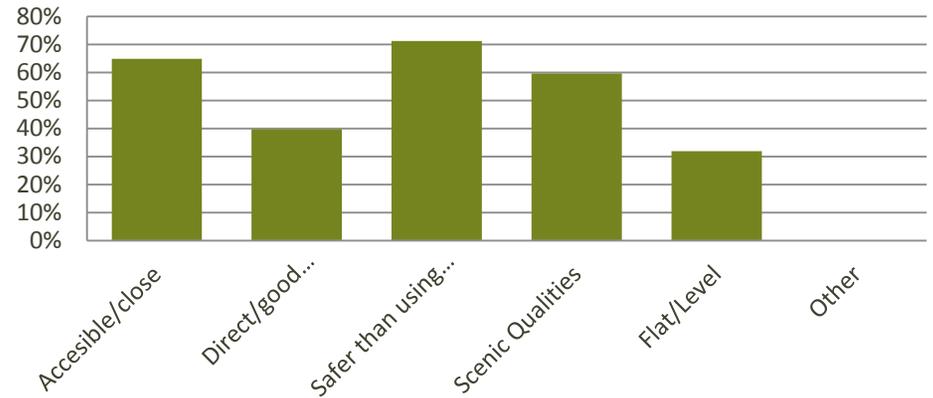
How people on bikes get to the trail



Share of responses by people on bikes with "Good" or "Excellent" ratings of the trail attributes

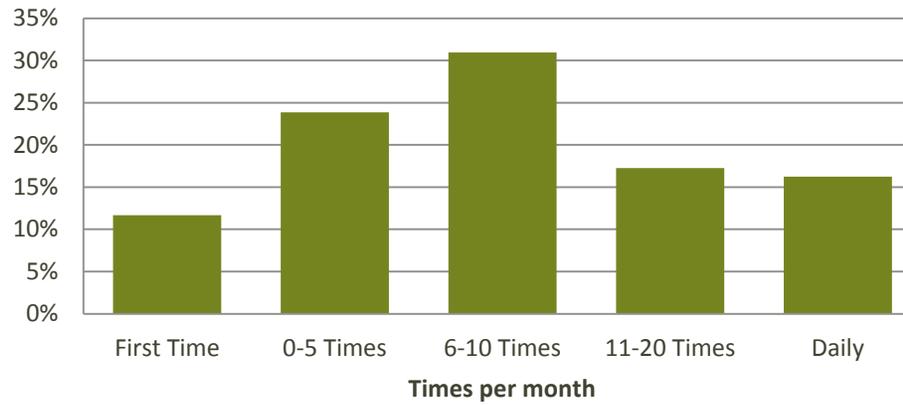


Why are people on bikes using this trail instead of riding elsewhere?

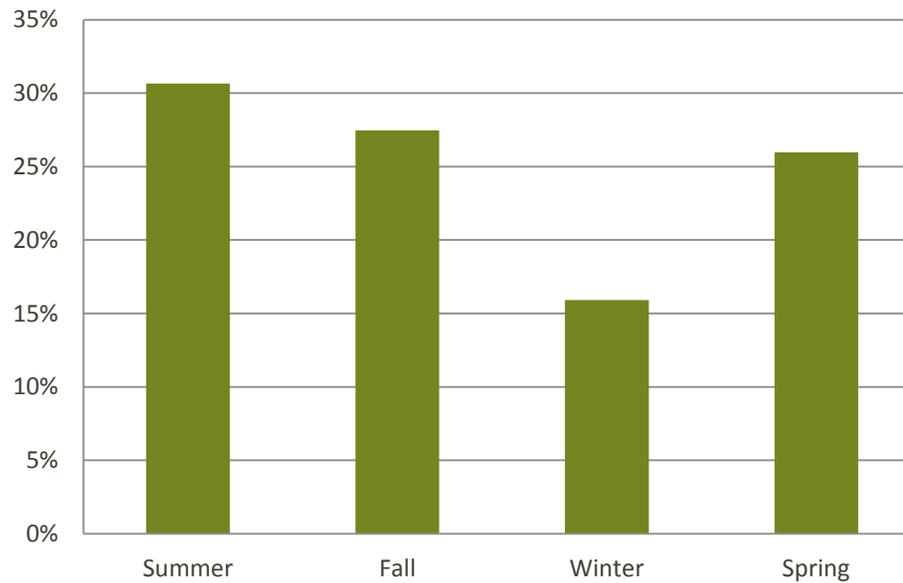


FANNO CREEK TRAIL – SURVEY SUMMARY

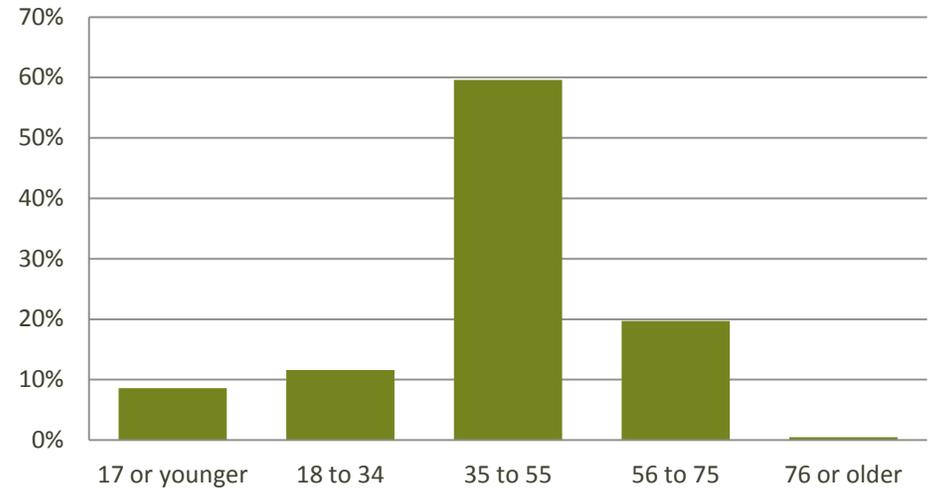
How often people on bikes use this trail



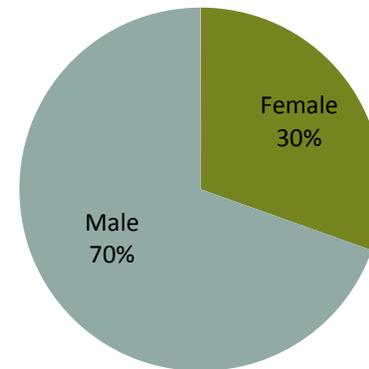
Seasons that people on bikes use this trail



Ages of people on bikes on this trail

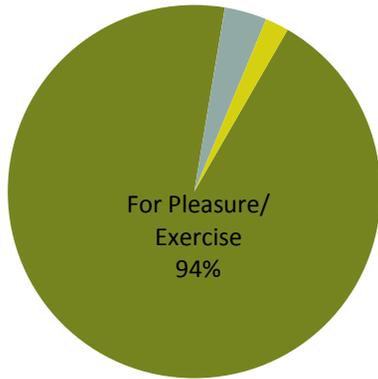


Gender of people on bikes surveyed using this trail

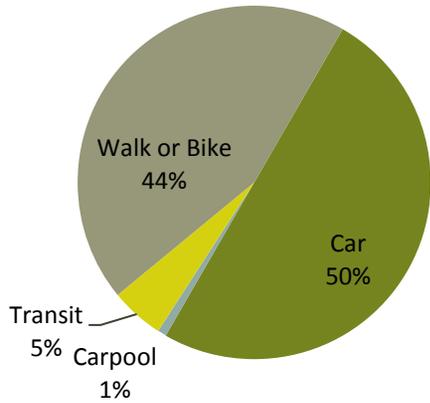


FANNO CREEK TRAIL – SURVEY SUMMARY

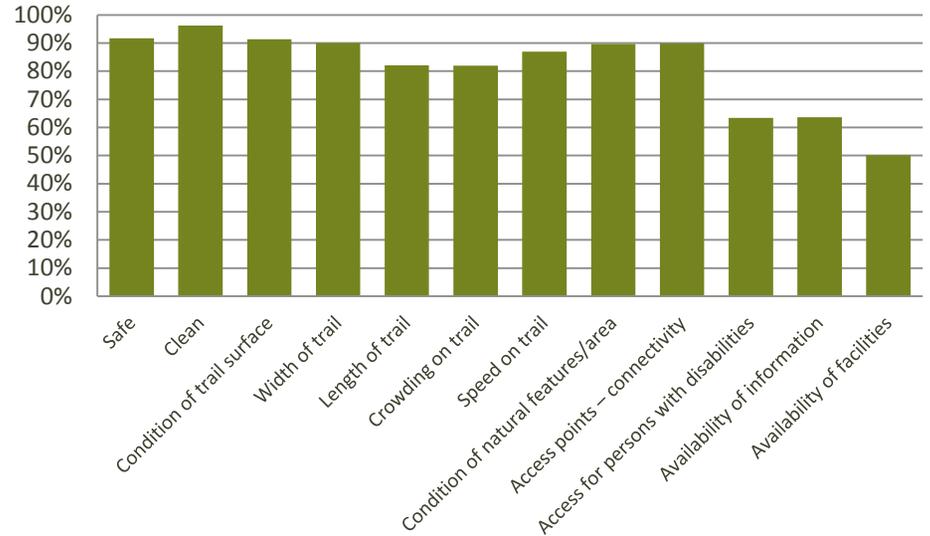
Why walkers use the trail



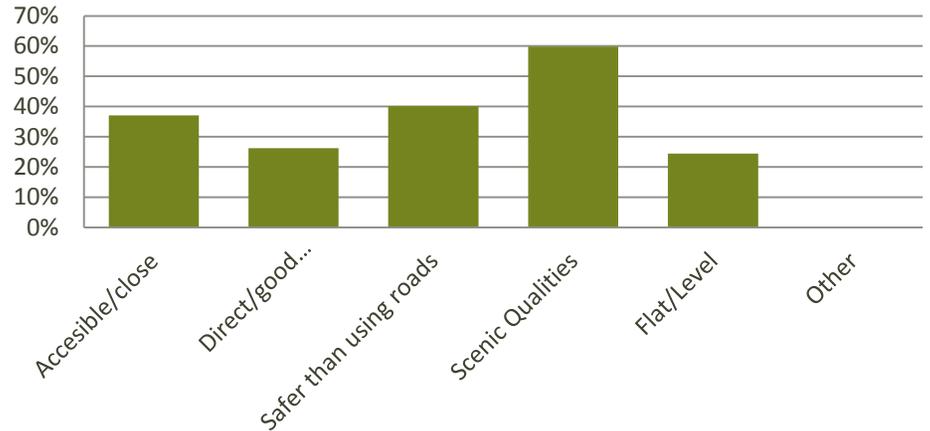
How walkers get to the trail



Share of responses by people walking with "Good" or "Excellent" ratings of the trail attributes

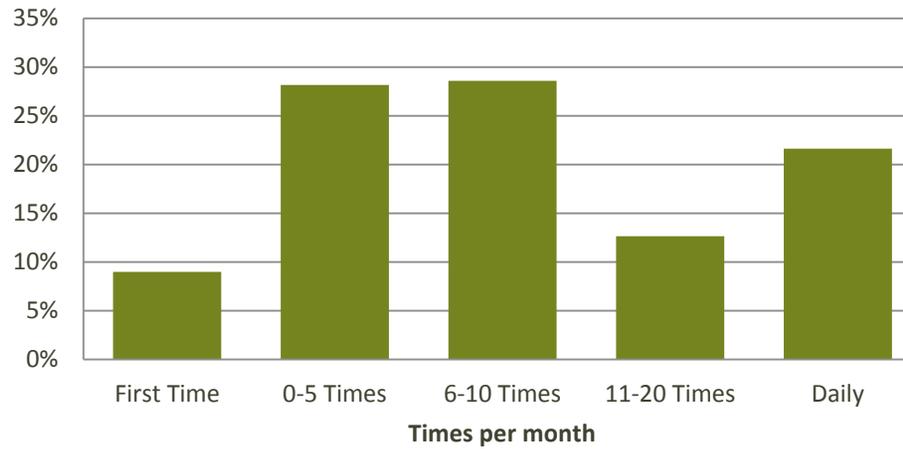


Why walkers use this trail instead of walking elsewhere

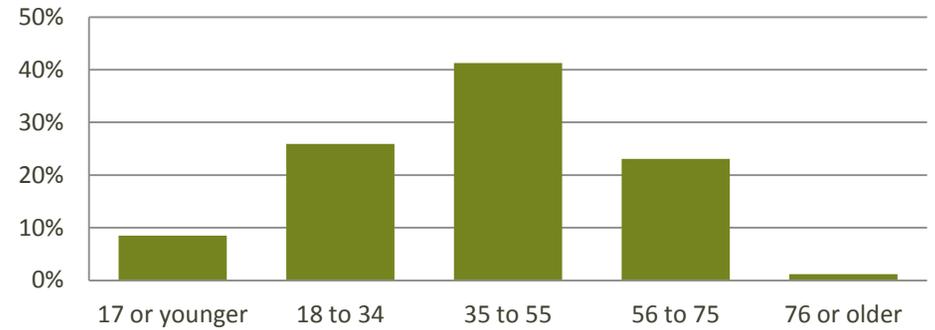


FANNO CREEK TRAIL – SURVEY SUMMARY

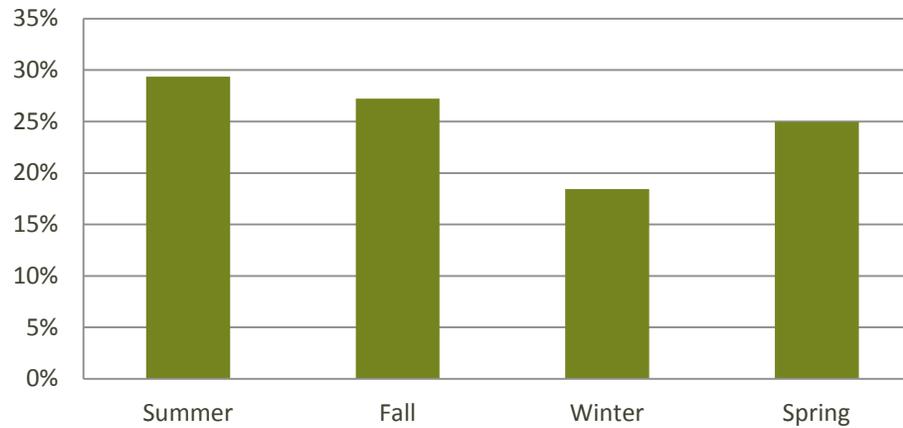
How often walkers use this trail



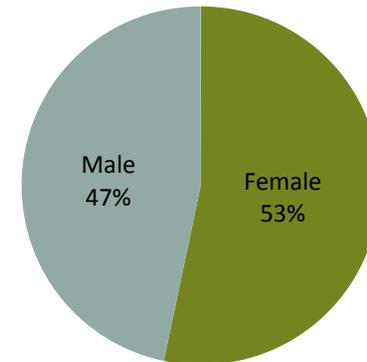
Ages of walkers surveyed on this trail



Seasons that walkers use this trail



Gender of walkers surveyed on this trail

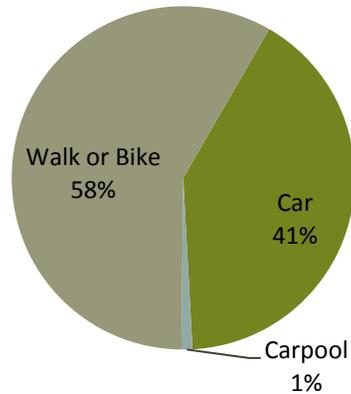


FANNO CREEK TRAIL – SURVEY SUMMARY

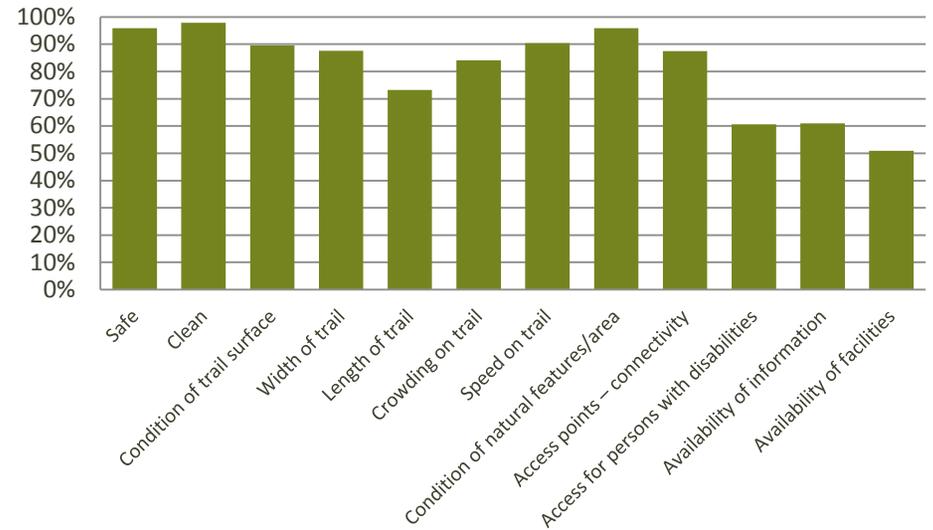
Why joggers use the trail



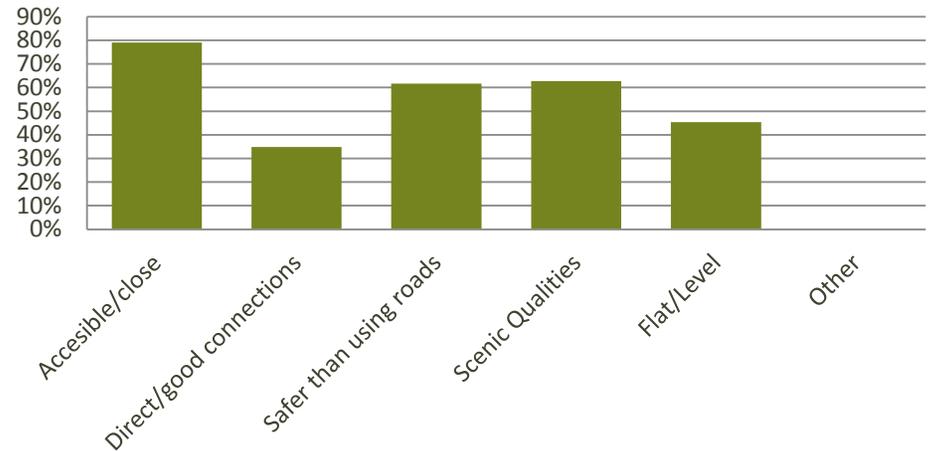
How joggers get to the trail



Share of responses by joggers with "Good" or "Excellent" ratings of the trail attributes

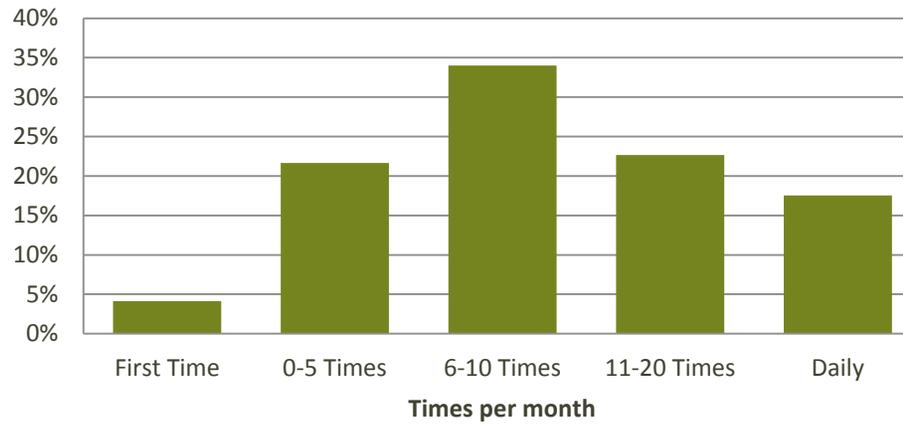


Why joggers use this trail instead of jogging elsewhere

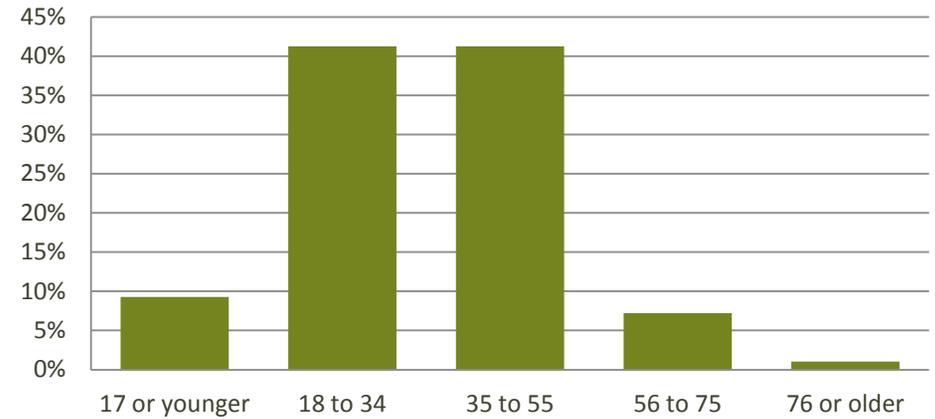


FANNO CREEK TRAIL – SURVEY SUMMARY

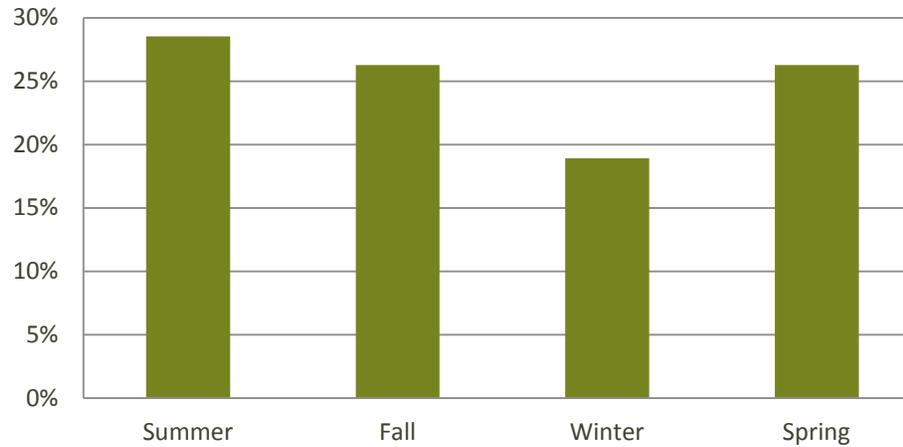
How often joggers use this trail



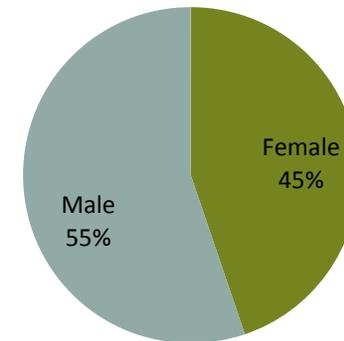
Ages of joggers surveyed on this trail



Seasons that joggers use this trail

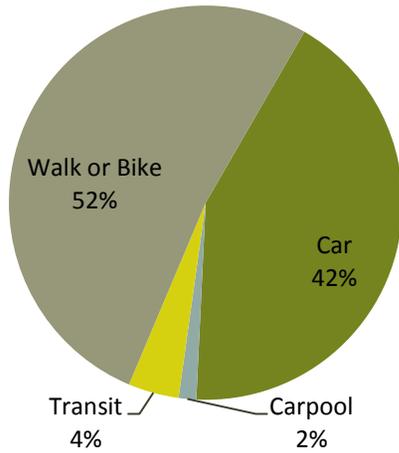


Gender of joggers surveyed on this trail

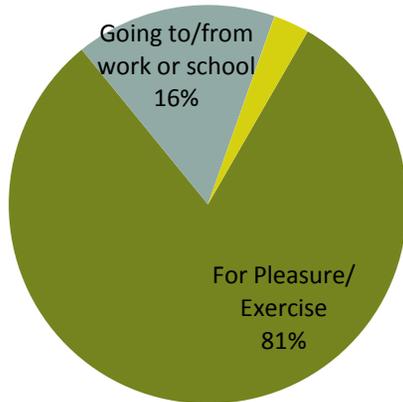


FANNO CREEK TRAIL – SURVEY SUMMARY

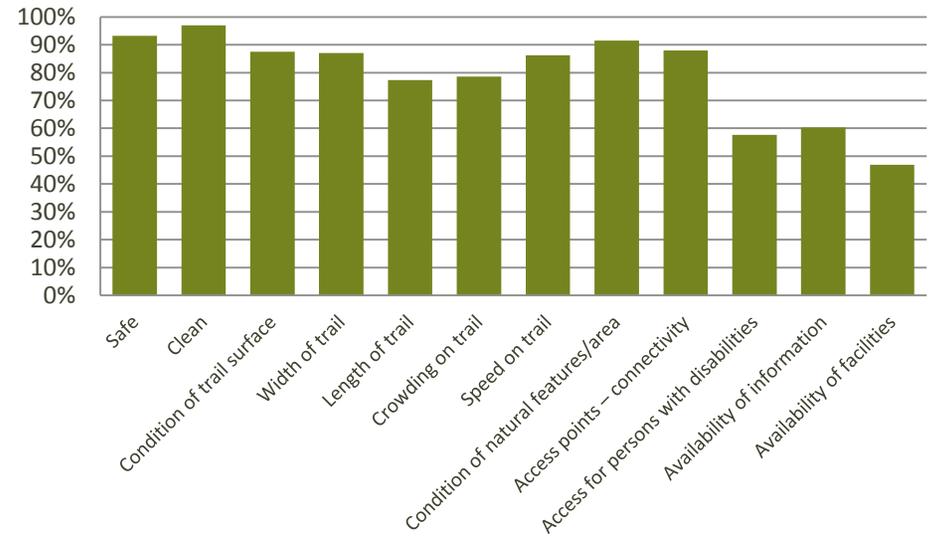
How people get to this trail



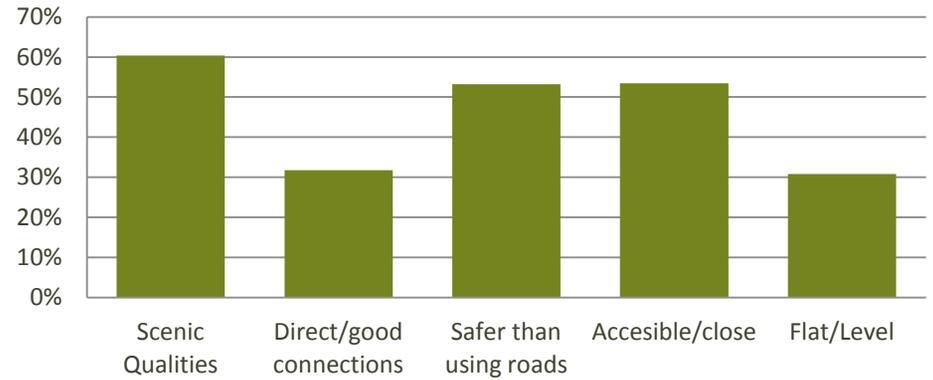
Why people use this trail



Share of responses with "Good" or "Excellent" ratings of the trail attributes

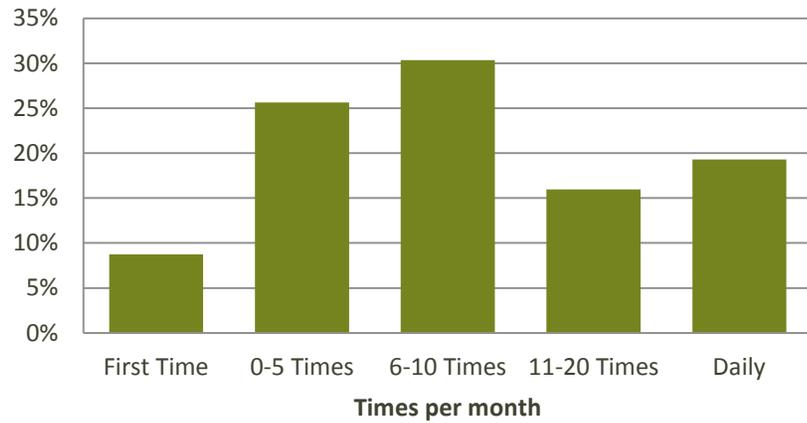


Why people use this trail instead of biking or walking elsewhere

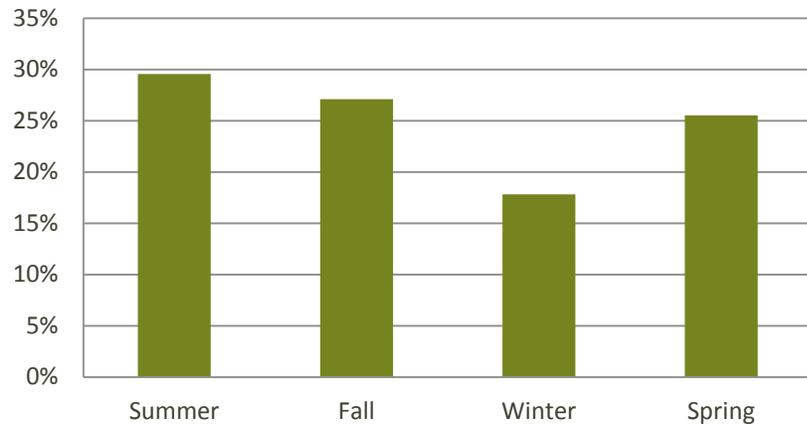


FANNO CREEK TRAIL – SURVEY SUMMARY

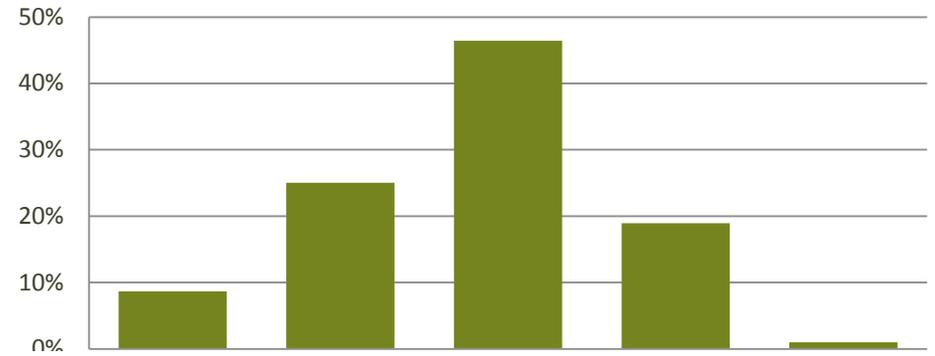
How often people use this trail



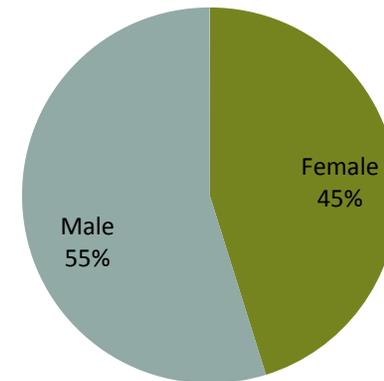
Seasons that people use this trail



Ages of trail users surveyed



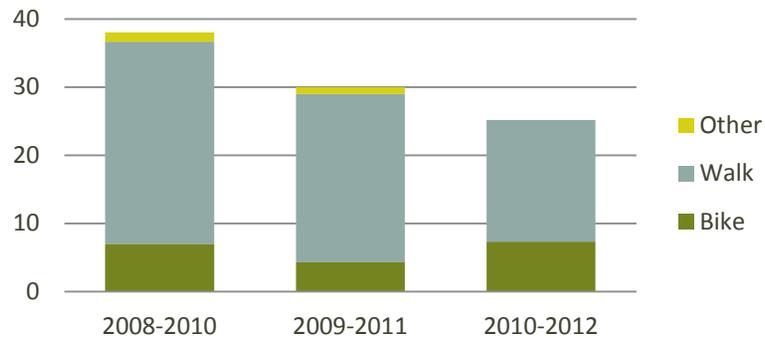
Gender of trail users surveyed



FRENCHMAN'S BAR VANCOUVER LAKE TRAIL

Annual Count Data (Average 2 hour peak counts)	2008	2009	2010	2011	2012
Site 420 – Weekday					
Bike	9	8	4	1	17
Walk	35	39	15	20	19
Other	1	3	0	0	0
Total	45	50	19	21	36

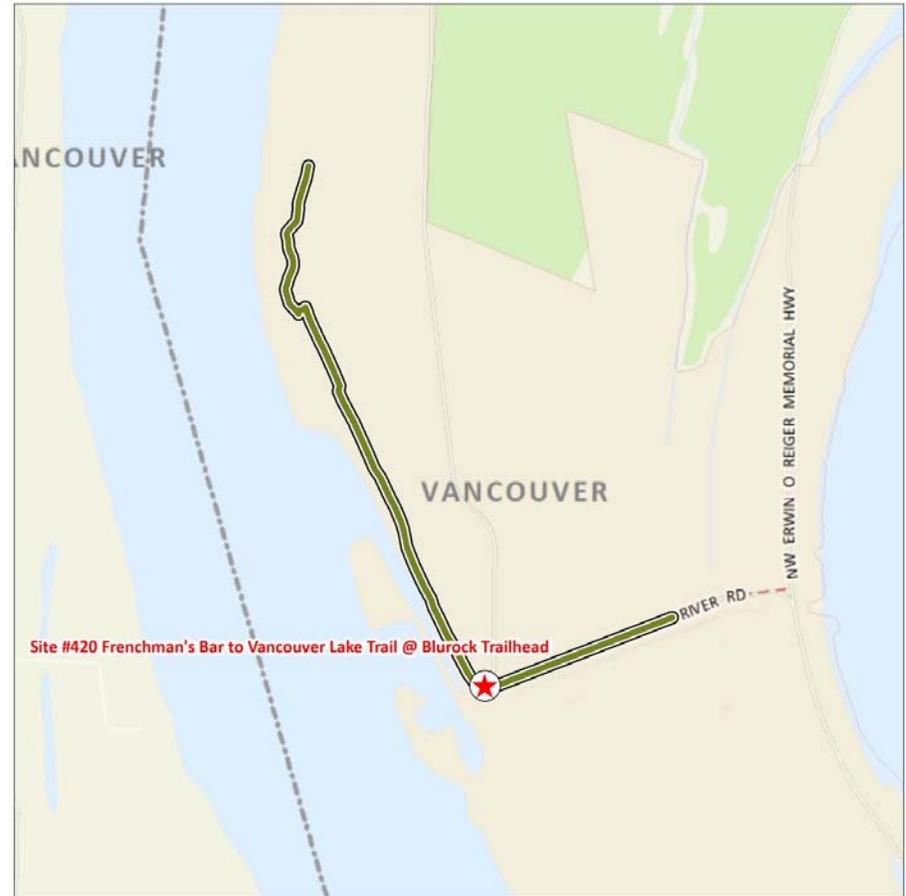
Average 2 Hour Peak Usage by Mode



Estimated Average Usage

(2010-2012 rolling average, all user types)

DAILY: 230
WEEKLY: 1,600
MONTHLY: 7,000
YEARLY: 80,000

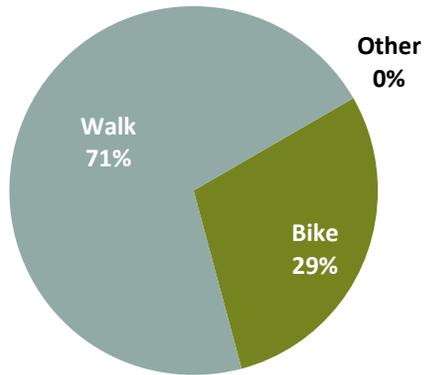


Survey sample size	
Walking	15
Biking	16
Jogging*	0
Other	1
Total	32

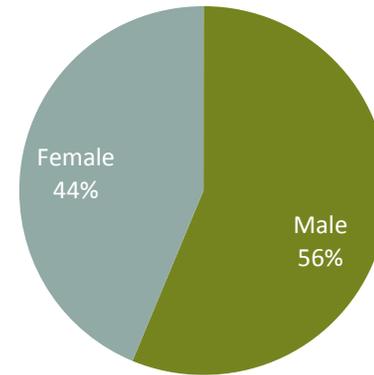
* insufficient number of surveys collected for analysis

FRENCHMAN'S BAR VANCOUVER LAKE TRAIL – COUNT DATA SUMMARY

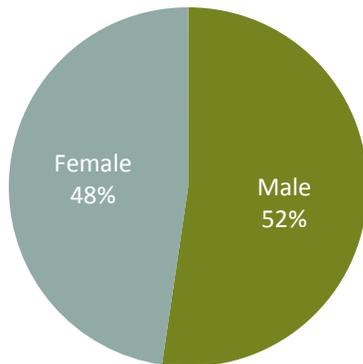
2010-2012 Mode Split



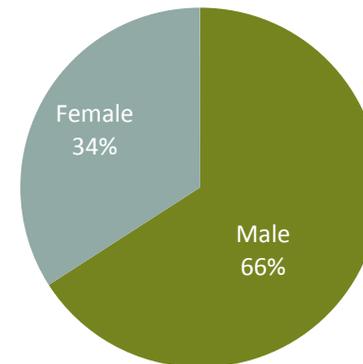
2010-2012 Observed Gender - All Users



2010-2012 Observed Gender - Pedestrians



2010-2012 Observed Gender - Bicyclists

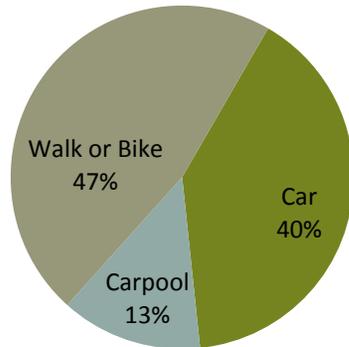


FRENCHMAN'S BAR VANCOUVER LAKE TRAIL – SURVEY SUMMARY

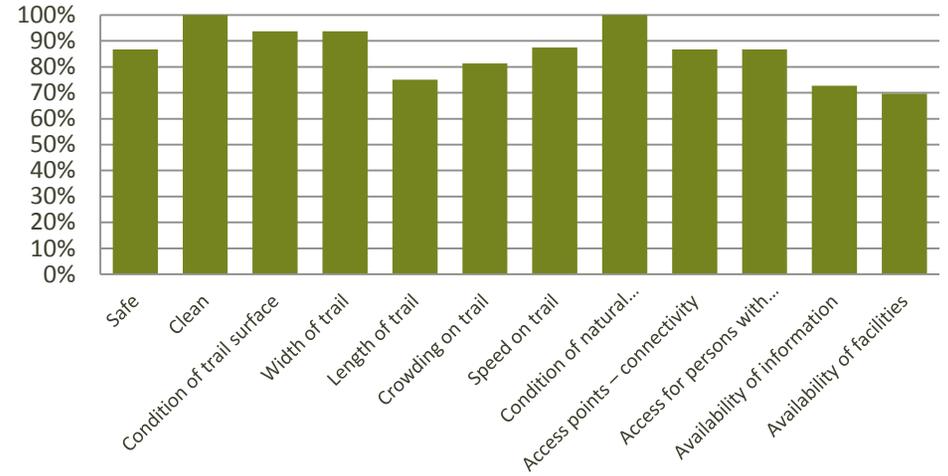
Why people on bikes use the trail



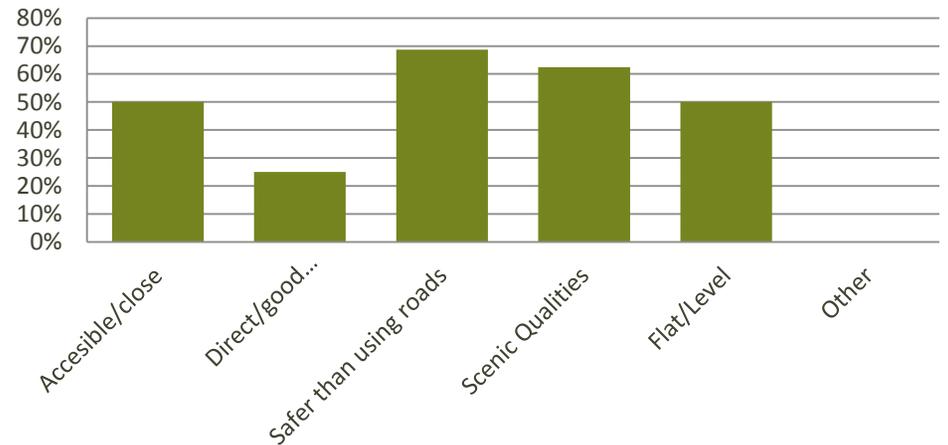
How people on bikes get to the trail



Share of responses by people on bikes with "Good" or "Excellent" ratings of the trail attributes

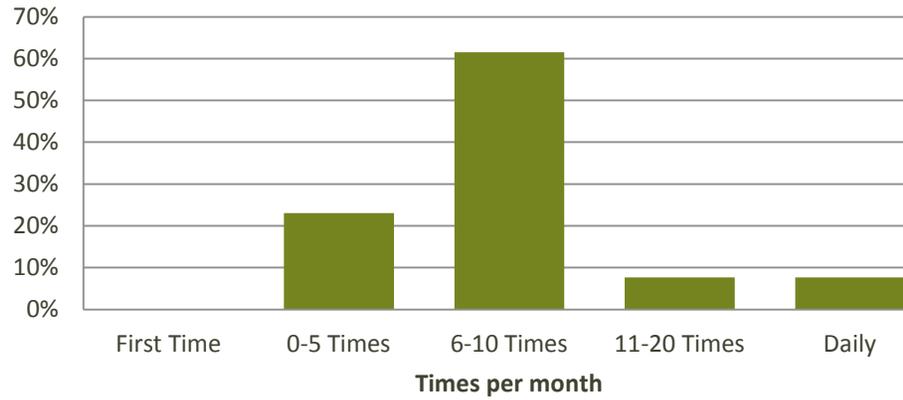


Why are people on bikes using this trail instead of riding elsewhere?

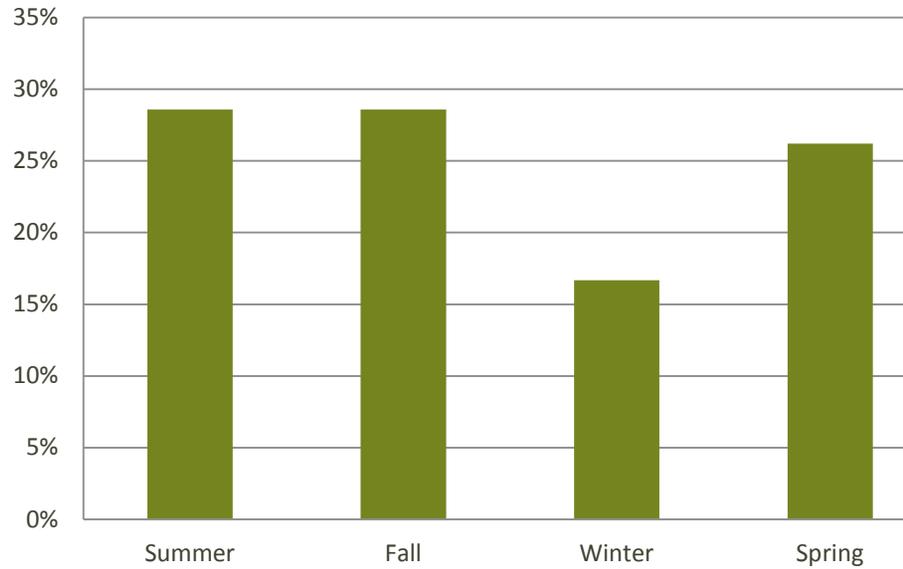


FRENCHMAN'S BAR VANCOUVER LAKE TRAIL – SURVEY SUMMARY

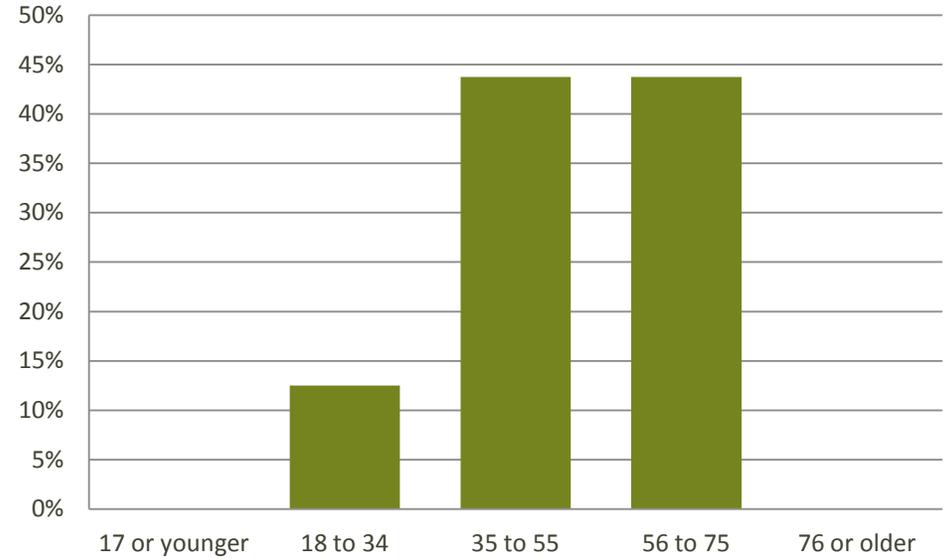
How often people on bikes use this trail



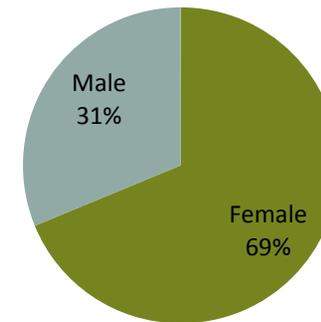
Seasons that people on bikes use this trail



Ages of people on bikes surveyed on this trail



Gender of people on bikes surveyed using this trail

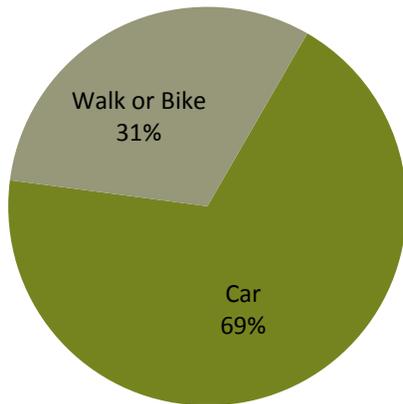


FRENCHMAN'S BAR VANCOUVER LAKE TRAIL – SURVEY SUMMARY

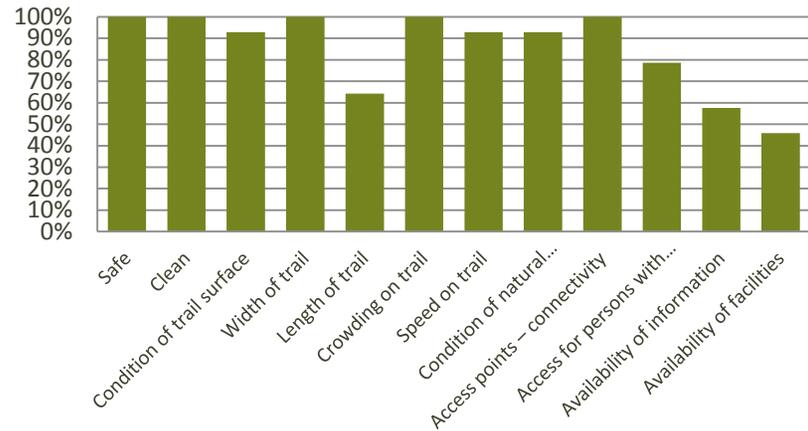
Why walkers use the trail



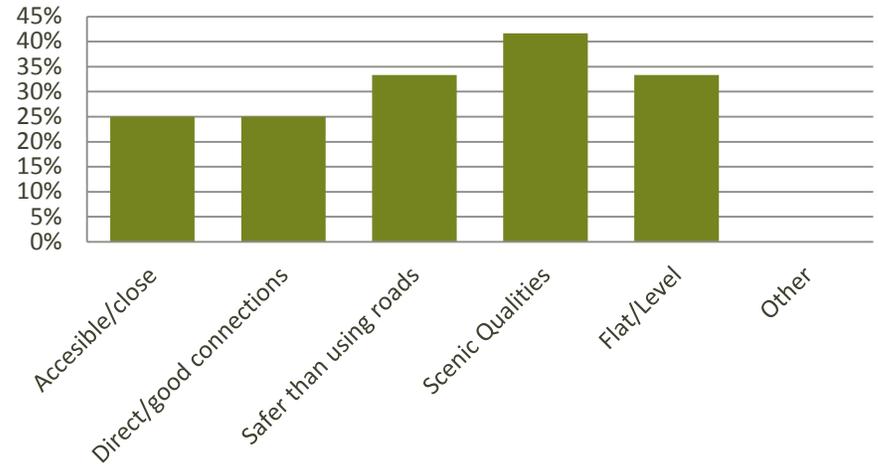
How walkers get to the trail



Share of responses by people walking with "Good" or "Excellent" ratings of the trail attributes

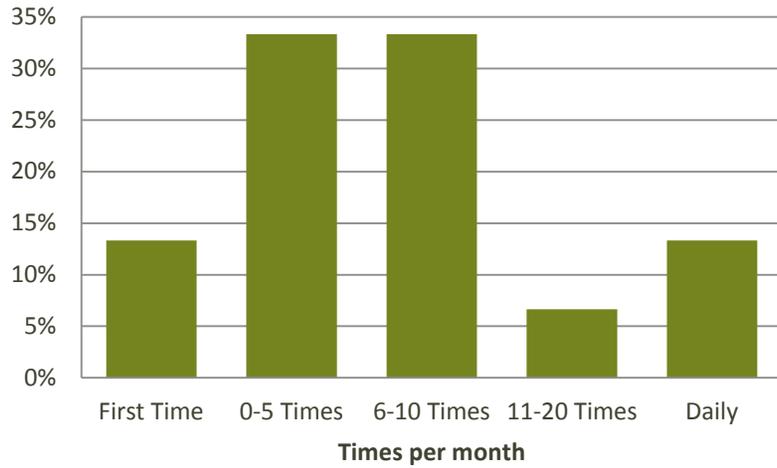


Why walkers use this trail instead of walking elsewhere

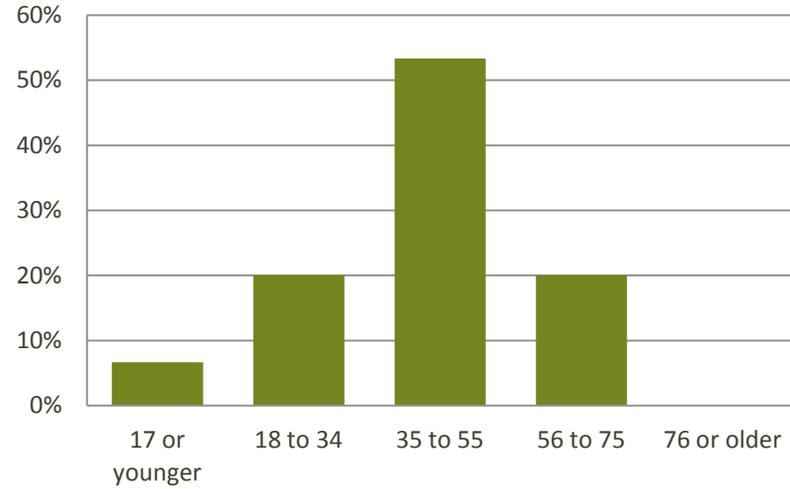


FRENCHMAN'S BAR VANCOUVER LAKE TRAIL – SURVEY SUMMARY

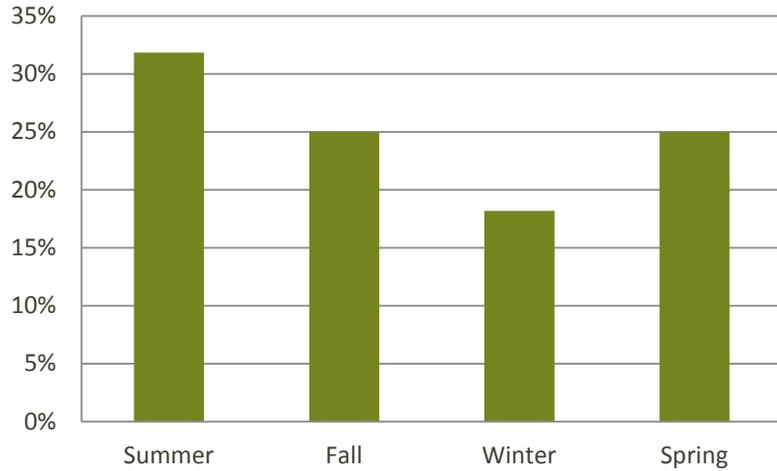
How often walkers use this trail



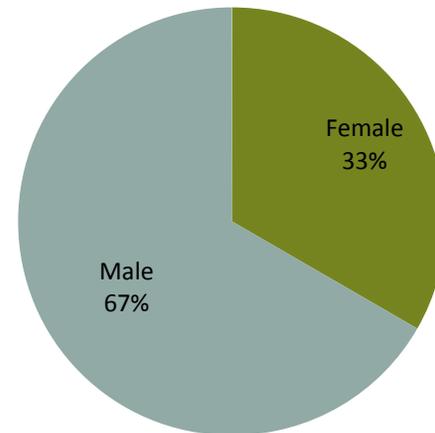
Ages of walkers surveyed on this trail



Seasons that walkers use this trail



Gender of walkers surveyed on this trail

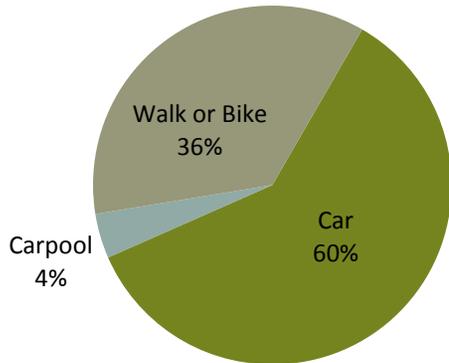


FRENCHMAN'S BAR VANCOUVER LAKE TRAIL – SURVEY SUMMARY

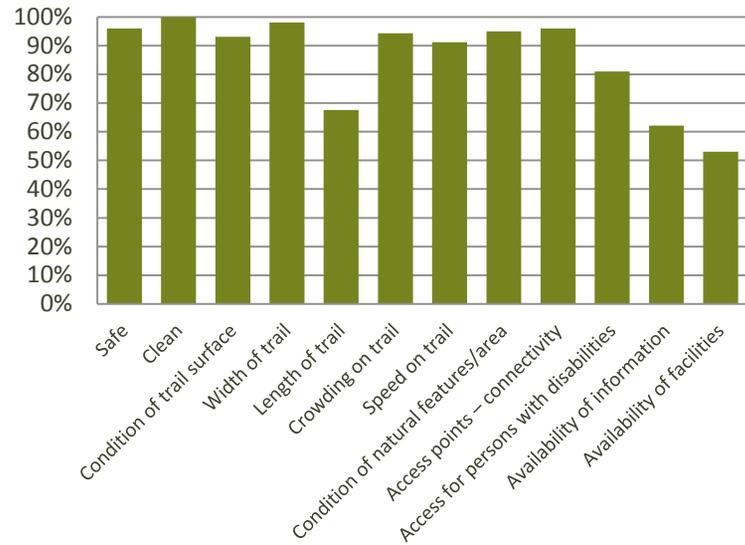
Why people use this trail



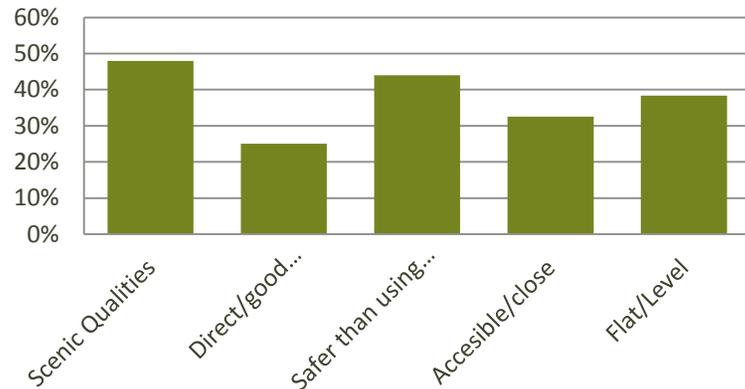
How people get to this trail



Share of responses with "Good" or "Excellent" ratings of the trail attributes

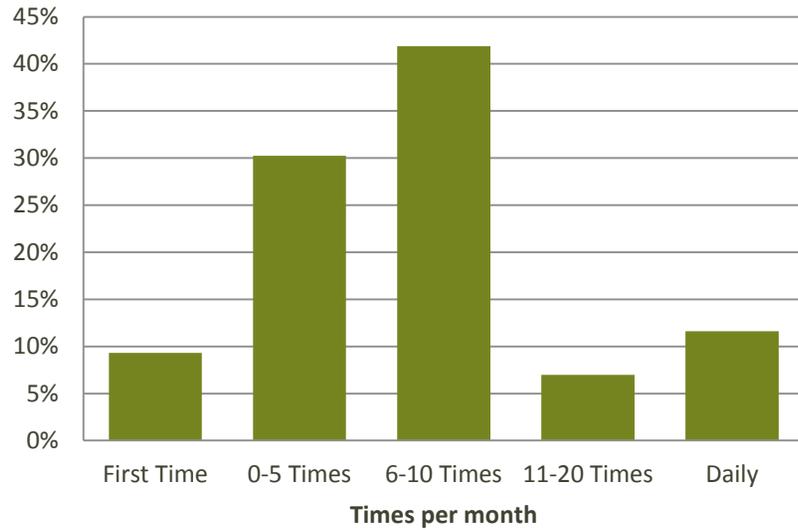


Why people use this trail instead of biking or walking elsewhere

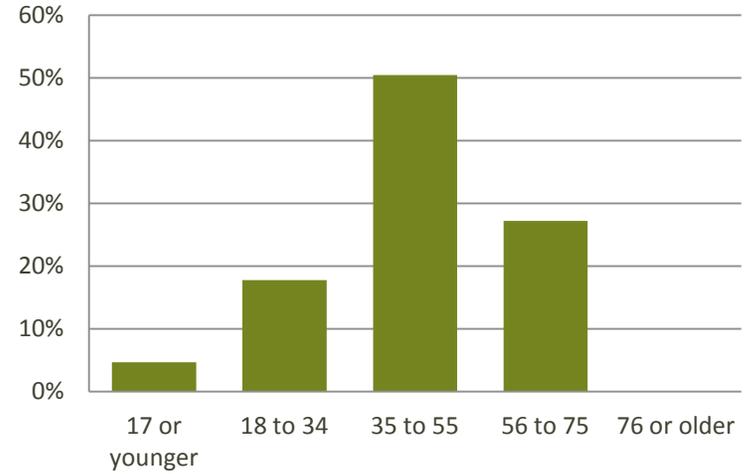


FRENCHMAN'S BAR VANCOUVER LAKE TRAIL – SURVEY SUMMARY

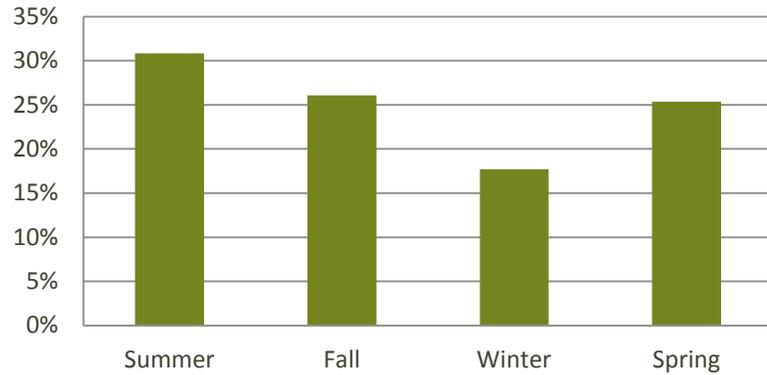
How often people use this trail



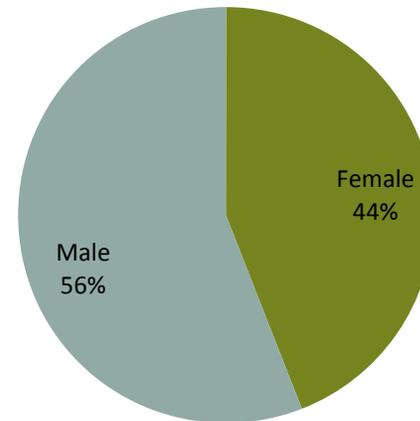
Ages of trail users



Seasons that people use this trail



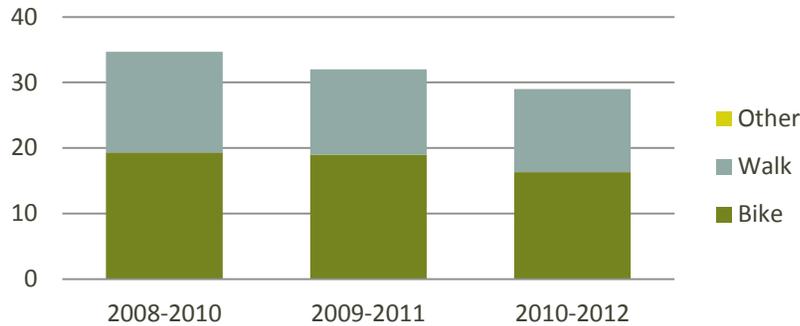
Gender of surveyed trail users



GRESHAM-FAIRVIEW TRAIL

Annual Count Data (Average 2 hour peak counts)	2008	2009	2010	2011	2012
Site 517 – Weekday					
Bike	24	26	-	22	10
Walk	25	23	-	11	21
Other	0	0	-	0	0
Total	49	49	-	33	31
Site 519 – Weekday					
Bike	-	-	-	14	-
Walk	-	-	-	9	-
Other	-	-	-	0	-
Total	-	-	-	23	-

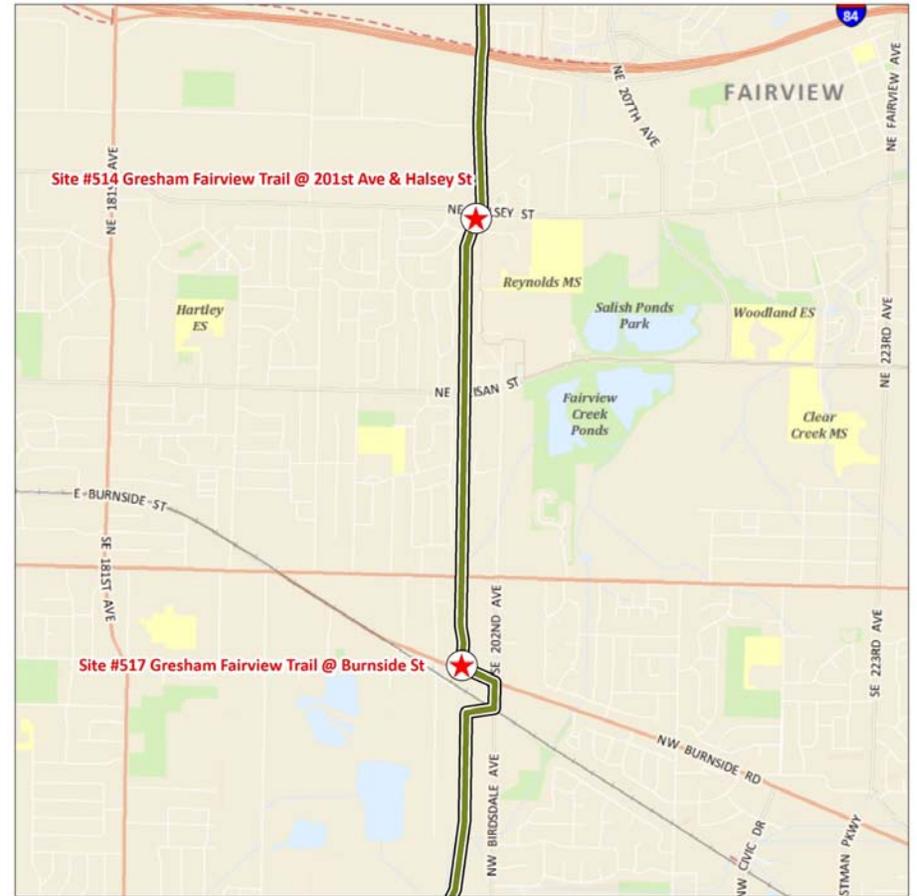
Average 2 Hour Peak Usage by Mode



Estimated Average Usage

(2010-2012 rolling average, all user types)

DAILY: 270 MONTHLY: 8,000
WEEKLY: 1,900 YEARLY: 100,000

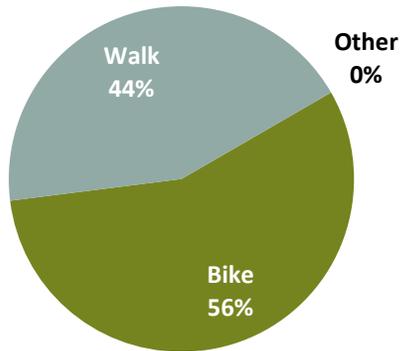


Survey sample size	
Walking	10
Biking	8
Jogging*	0
Other	0
Total	18

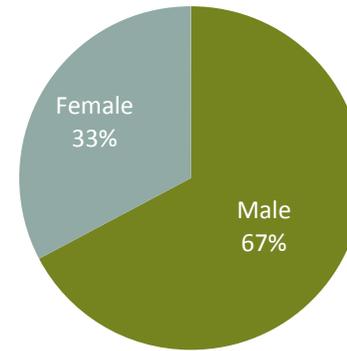
* insufficient number of surveys collected for analysis

GRESHAM-FAIRVIEW TRAIL – COUNT DATA SUMMARY

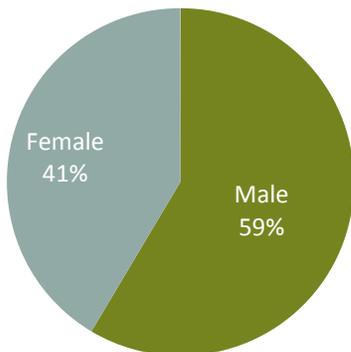
2010-2012 Mode Split



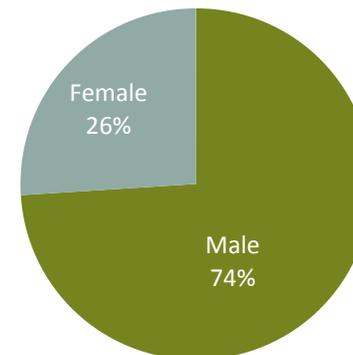
2010-2012 Observed Gender - All Users



2010-2012 Observed Gender - Pedestrians



2010-2012 Observed Gender - Bicyclists

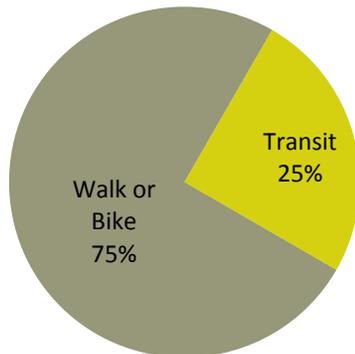


GRESHAM-FAIRVIEW TRAIL – SURVEY DATA SUMMARY

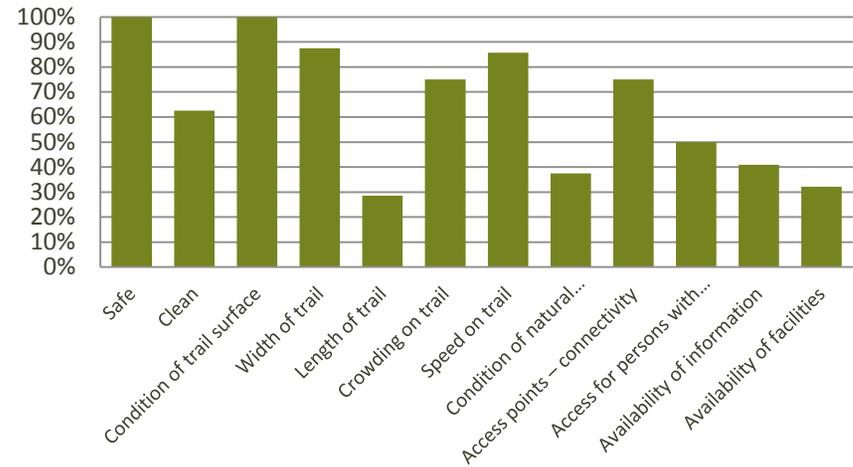
Why people on bikes use the trail



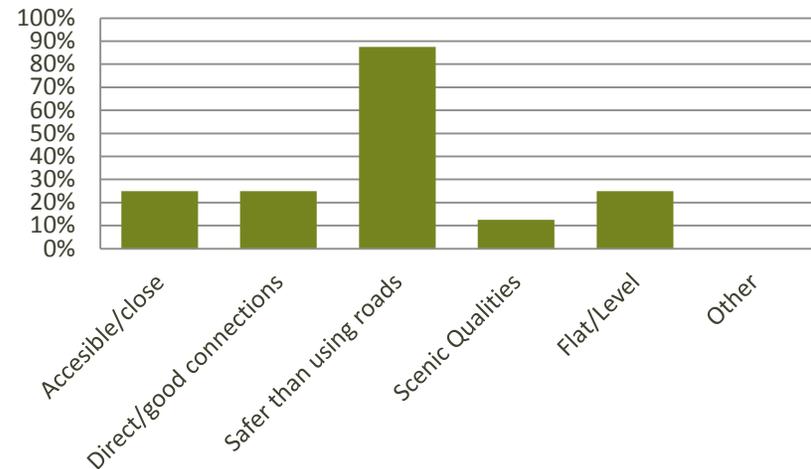
How people on bikes get to the trail



Share of responses by people on bikes with "Good" or "Excellent" ratings of the trail attributes

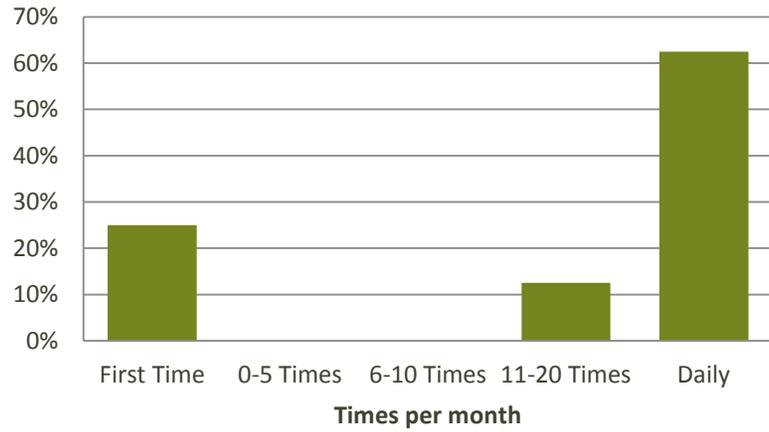


Why are people on bikes using this trail instead of riding elsewhere?

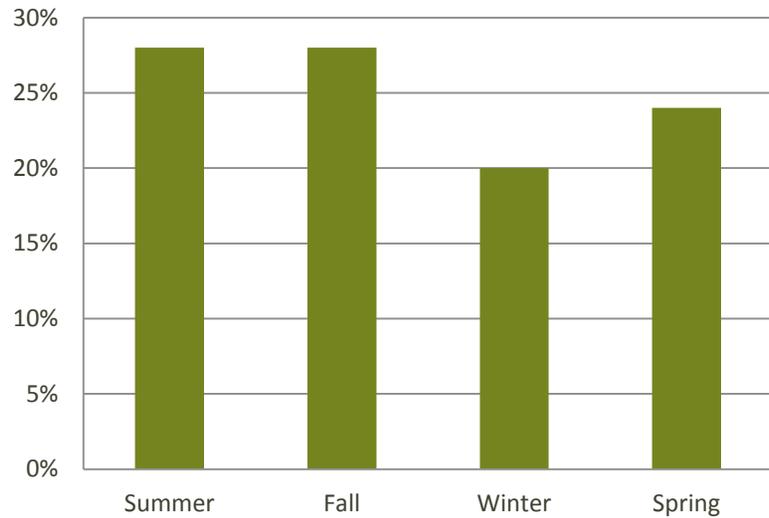


GRESHAM-FAIRVIEW TRAIL – SURVEY DATA SUMMARY

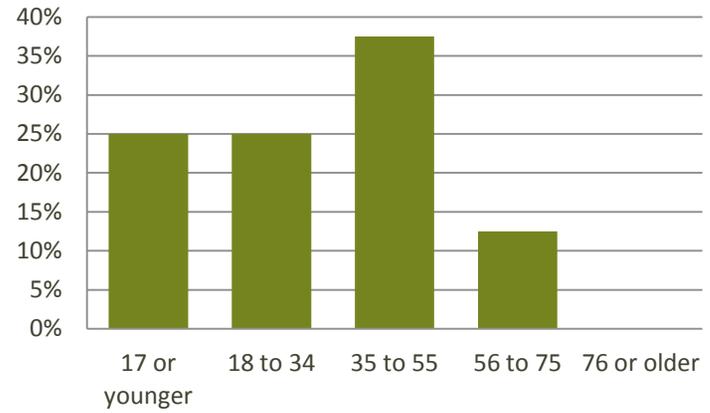
How often people on bikes use this trail



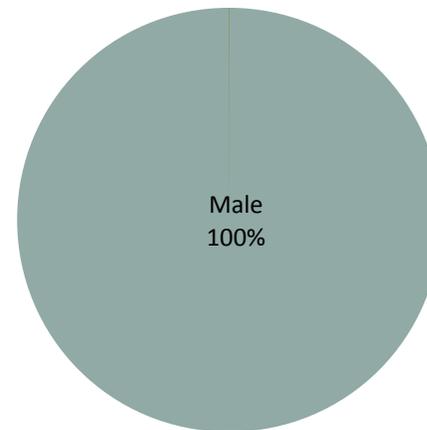
Seasons that people on bikes use this trail



Ages of people on bikes surveyed on this trail



Gender of people on bikes surveyed using this trail

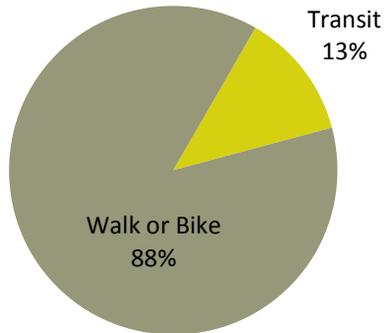


GRESHAM-FAIRVIEW TRAIL – SURVEY DATA SUMMARY

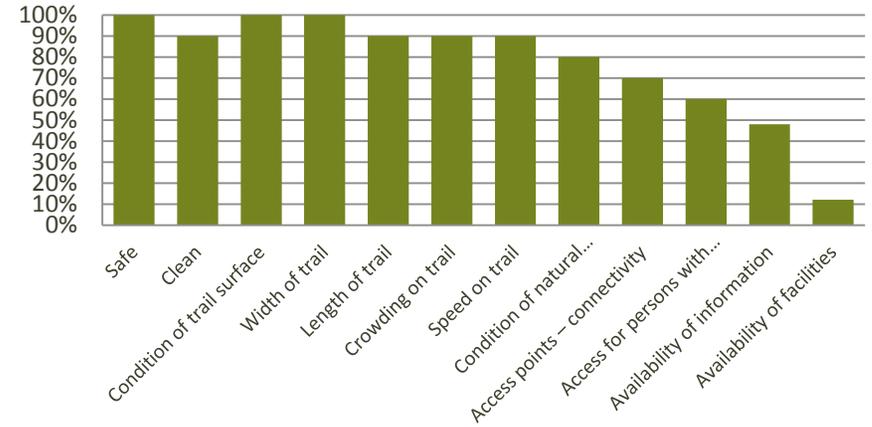
Why walkers use the trail



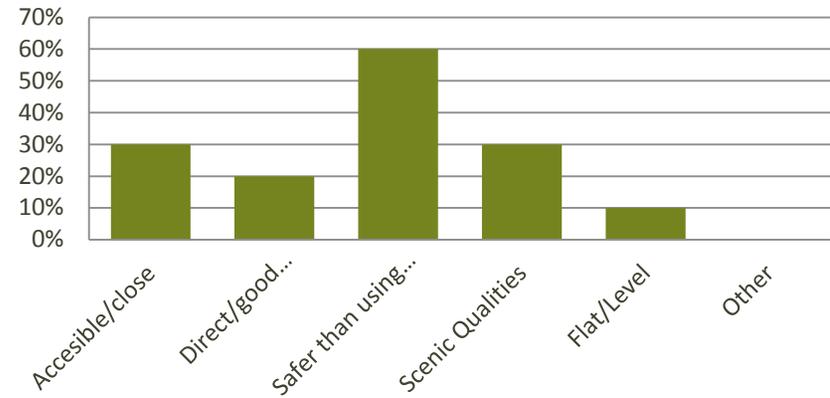
How walkers get to the trail



Share of responses by people walking with "Good" or "Excellent" ratings of the trail attributes

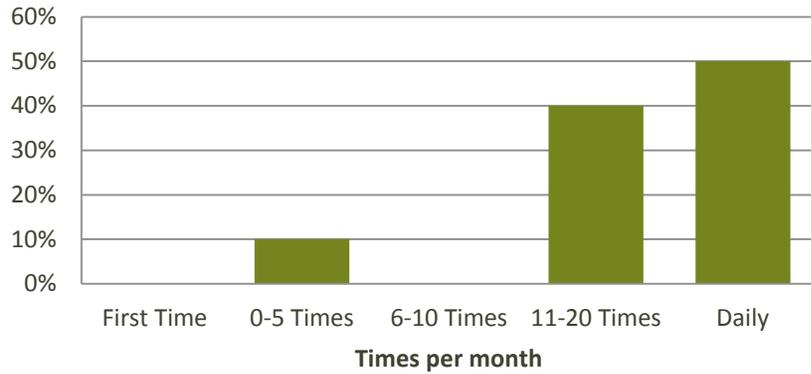


Why walkers use this trail instead of walking elsewhere

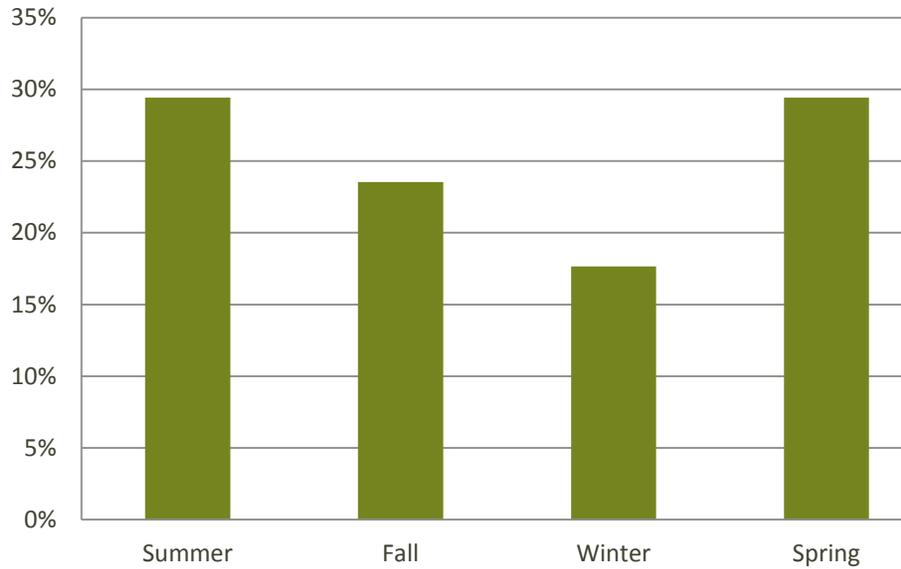


GRESHAM-FAIRVIEW TRAIL – SURVEY DATA SUMMARY

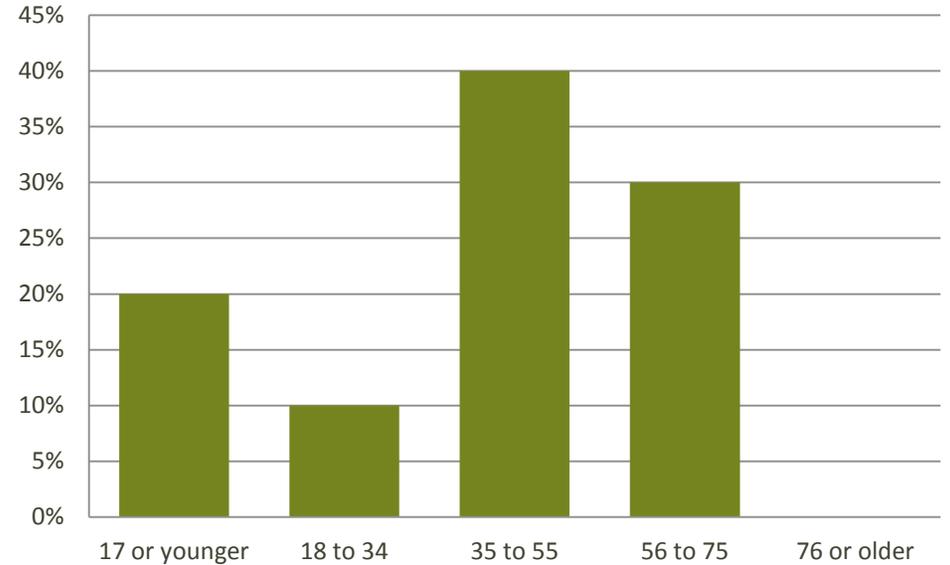
How often walkers use this trail



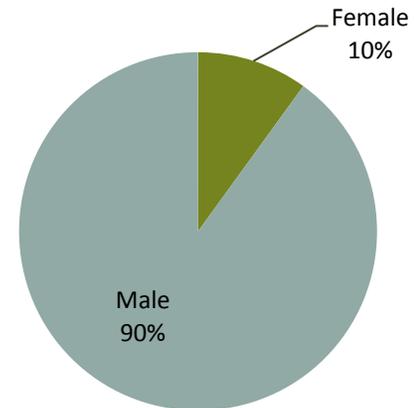
Seasons that walkers use this trail



Ages of walkers surveyed on this trail

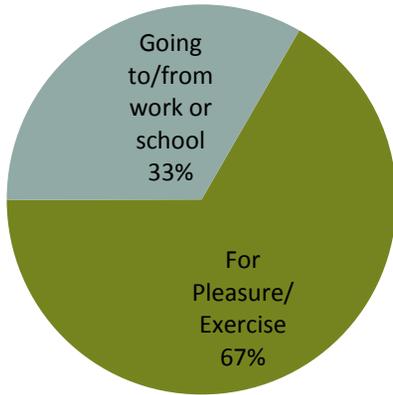


Gender of walkers surveyed on this trail

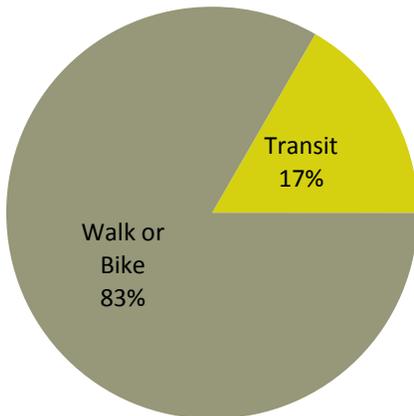


GRESHAM-FAIRVIEW TRAIL – SURVEY DATA SUMMARY

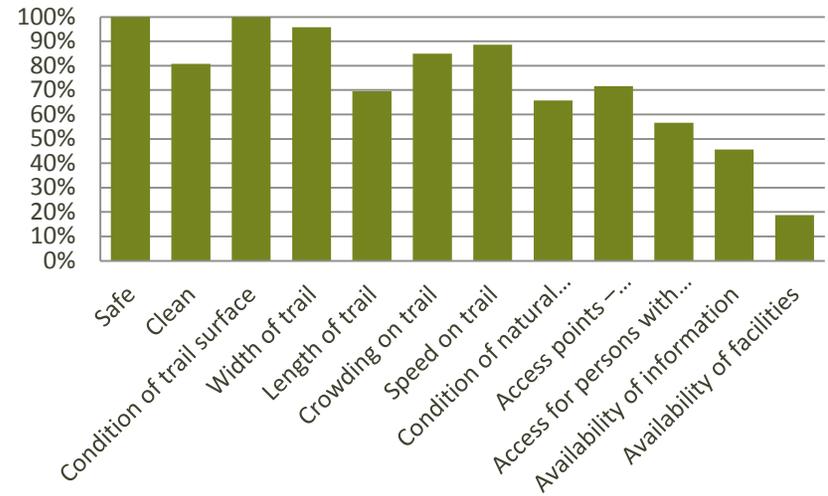
Why people use this trail



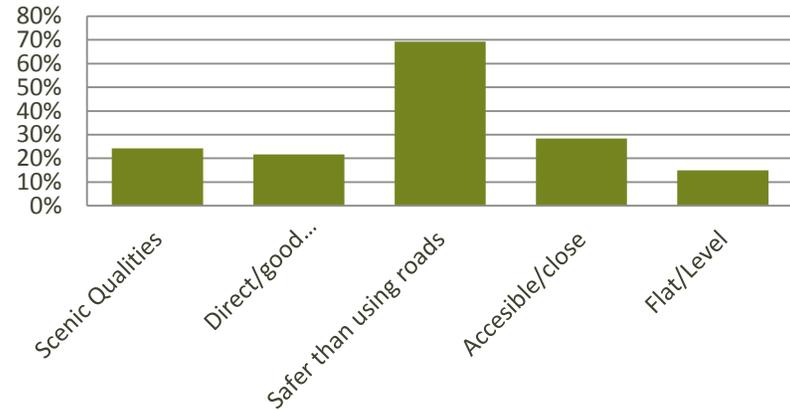
How people get to this trail



Share of responses with "Good" or "Excellent" ratings of the trail attributes

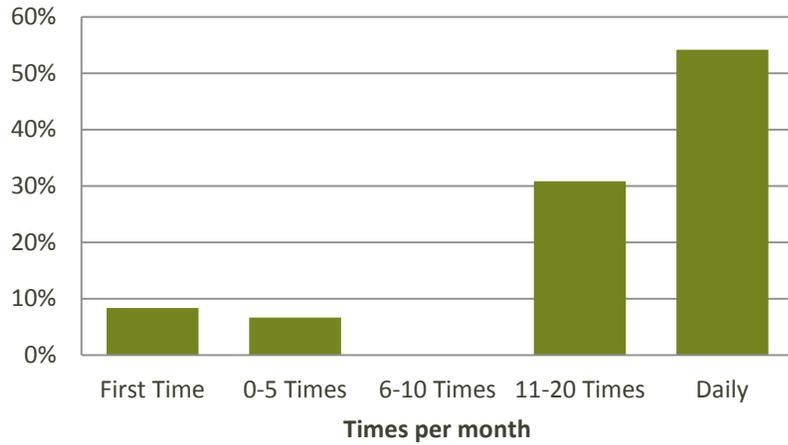


Why people use this trail instead of biking or walking elsewhere

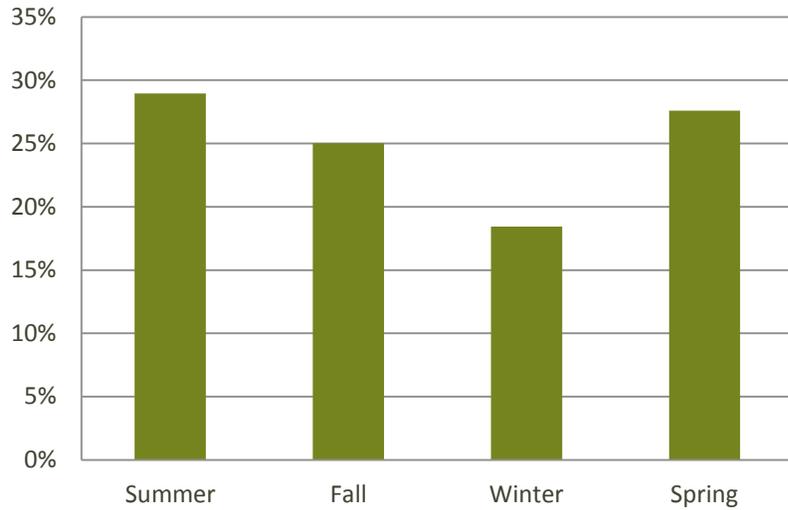


GRESHAM-FAIRVIEW TRAIL – SURVEY DATA SUMMARY

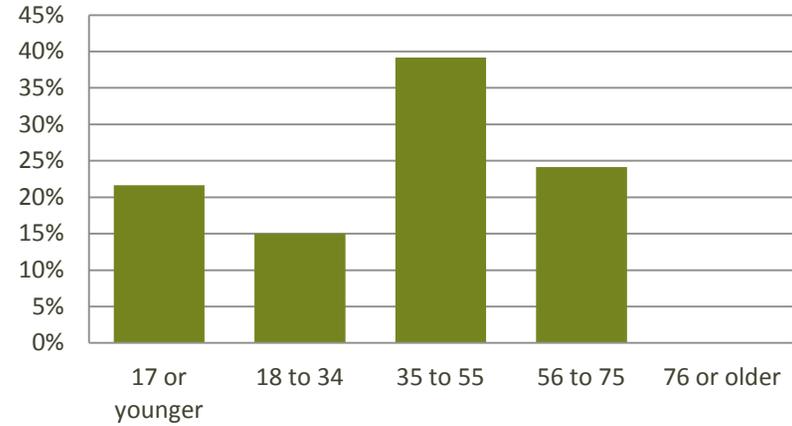
How often people use this trail



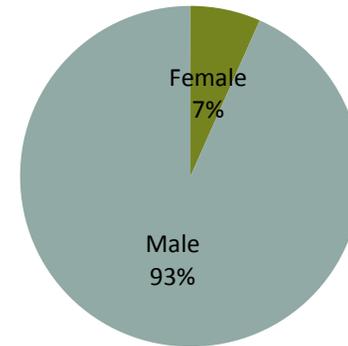
Seasons that people use this trail



Ages of surveyed trail users



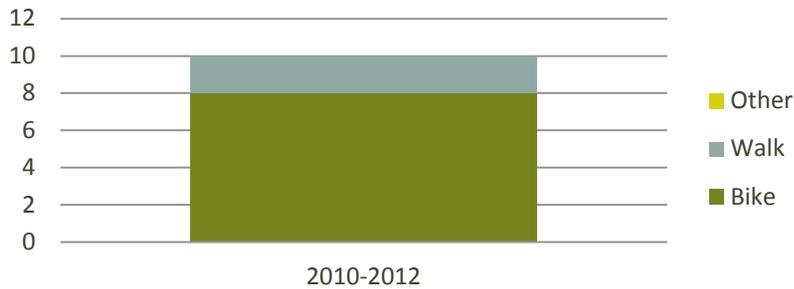
Gender of surveyed trail users



HILLSBORO TO FOREST GROVE TRAIL

Annual Count Data (Average 2 hour peak counts)	2008	2009	2010	2011	2012
Site 325 – Weekday					
Bike	-	-	-	-	9
Walk	-	-	-	-	2
Other	-	-	-	-	0
Total	-	-	-	-	11
Site 326 – Weekday					
Bike	-	-	-	-	7
Walk	-	-	-	-	2
Other	-	-	-	-	0
Total	-	-	-	-	9

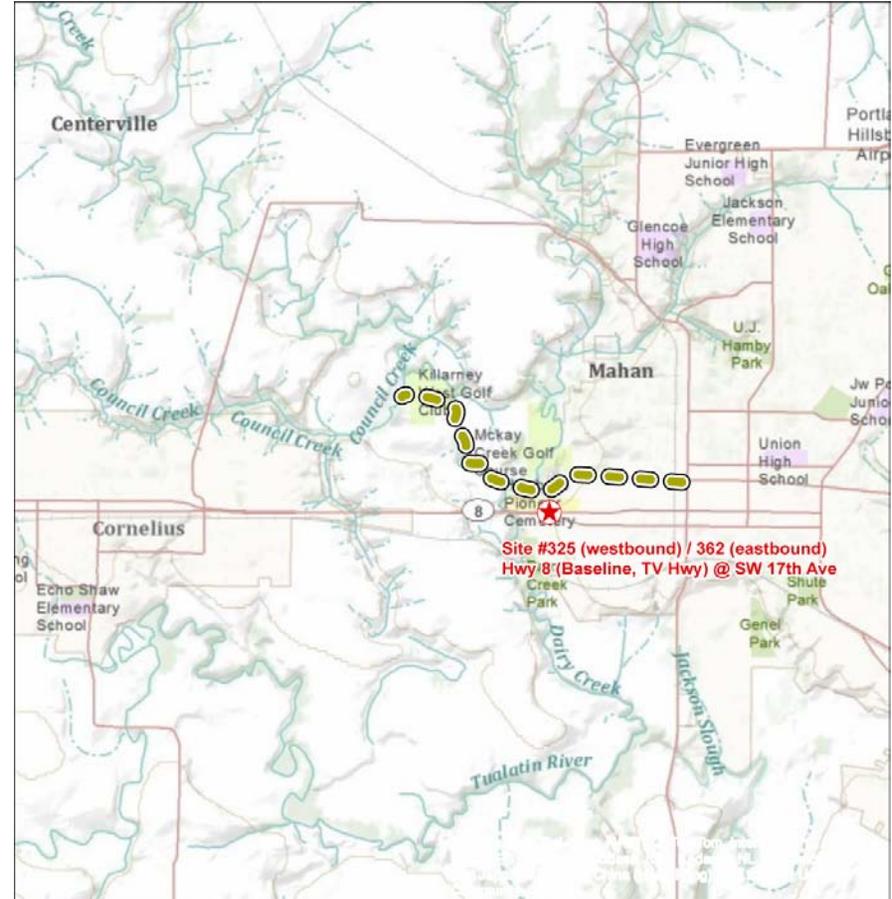
Average 2 Hour Peak Usage by Mode



Estimated Average Usage

(2010-2012 rolling average, all user types)

DAILY:	90	MONTHLY:	3,000
WEEKLY:	600	YEARLY:	30,000

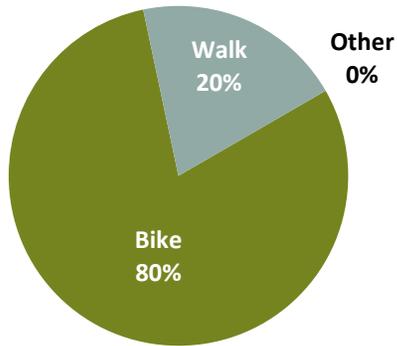


The Hillsboro to Forest Grove Trail is planned for future construction. Count locations for this trail record usage along a parallel facility to track information about usage before and after construction.

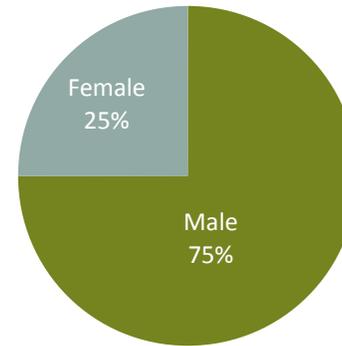
An insufficient number of surveys were collected on this trail for detailed analysis.

HILLSBORO TO FOREST GROVE TRAIL - COUNT DATA SUMMARY

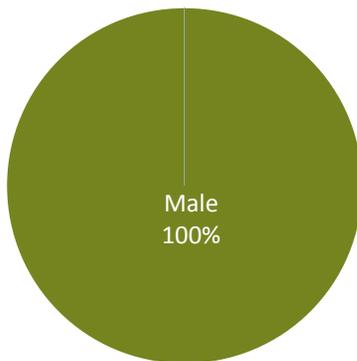
2010-2012 Mode Split



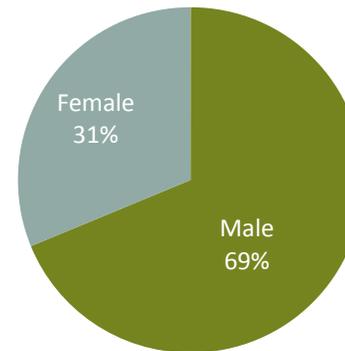
2010-2012 Observed Gender - All Users



2010-2012 Observed Gender - Pedestrians

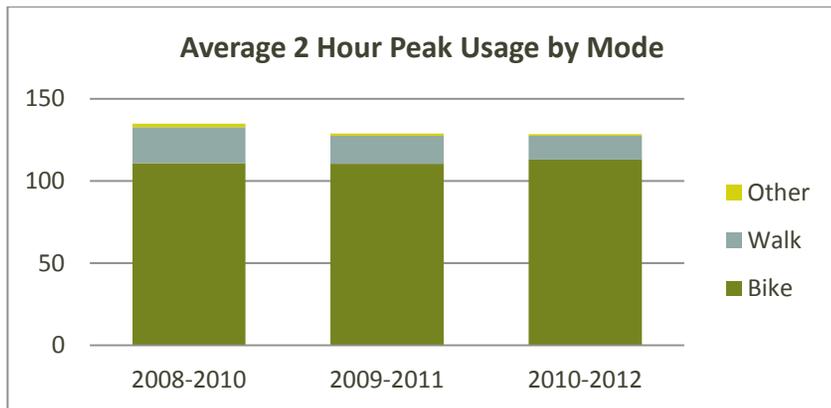


2010-2012 Observed Gender - Bicyclists



I-205 MULTI USE PATH

Annual Count Data (Average 2 hour peak counts)	2008	2009	2010	2011	2012
Site 106 – Weekday					
Bike	67	-	-	65	81
Walk	42	-	-	12	12
Other	5	-	-	0	1
Total	114	-	-	77	94
Site 109 – Weekday					
Bike	-	-	-	-	155
Walk	-	-	-	-	12
Other	-	-	-	-	1
Total	-	-	-	-	168



Estimated Average Usage

(2010-2012 rolling average, all user types)

DAILY: 1,180 MONTHLY: 36,000
WEEKLY: 8,300 YEARLY: 430,000

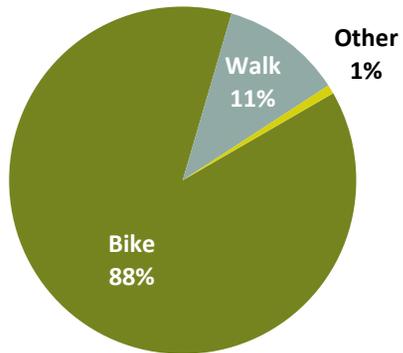


Survey sample size	
Walking	7
Biking	42
Jogging*	1
Other	1
Total	51

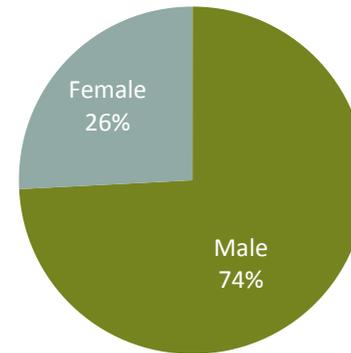
* insufficient number of surveys collected for analysis

I-205 MULTI USE PATH – COUNT DATA SUMMARY

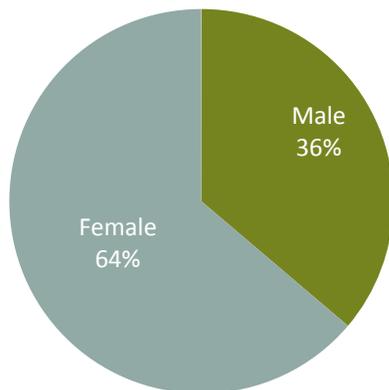
2010-2012 Mode Split



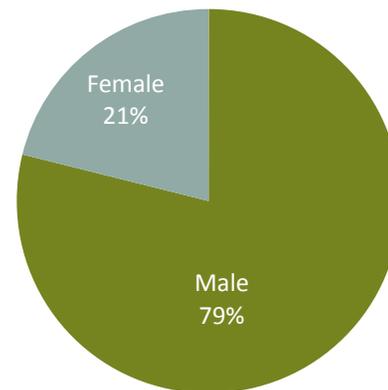
2010-2012 Observed Gender - All Users



2010-2012 Observed Gender - Pedestrians

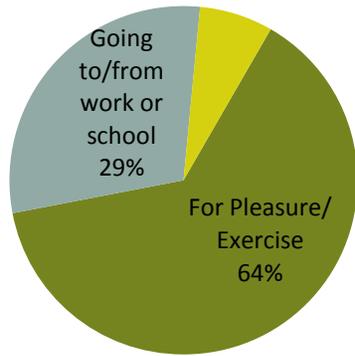


2010-2012 Observed Gender - Bicyclists

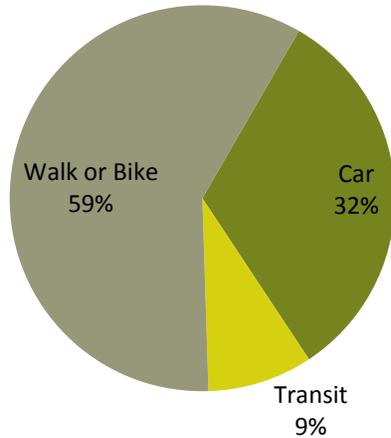


I-205 MULTI USE PATH – SURVEY DATA SUMMARY

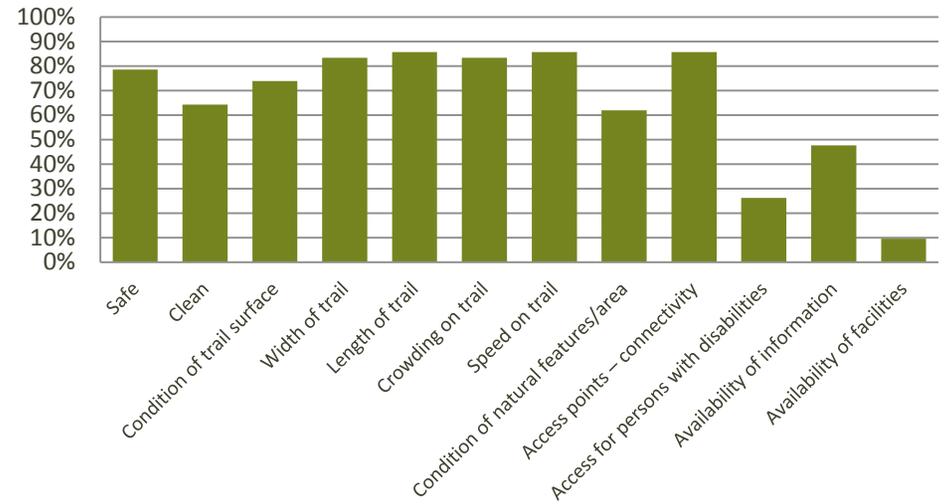
Why people on bikes use the trail



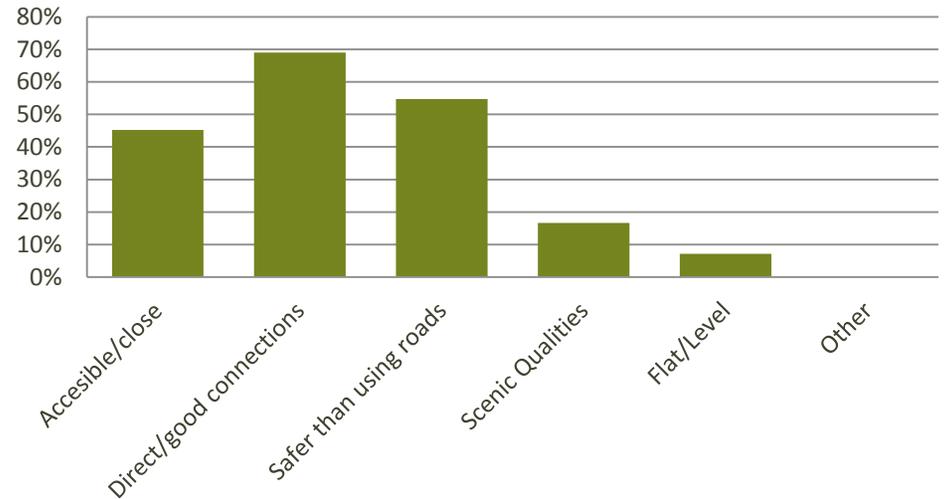
How people on bikes get to the trail



Share of responses by people on bikes with "Good" or "Excellent" ratings of the trail attributes

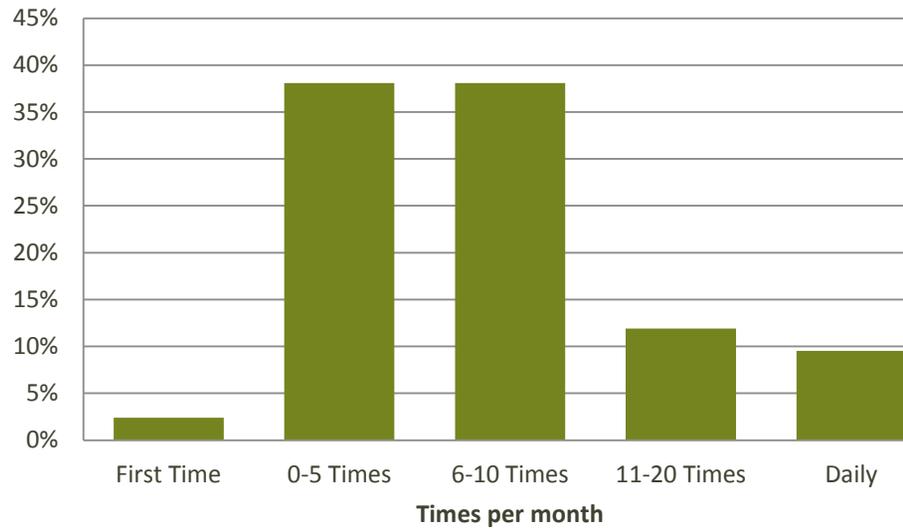


Why are people on bikes using this trail instead of riding elsewhere?

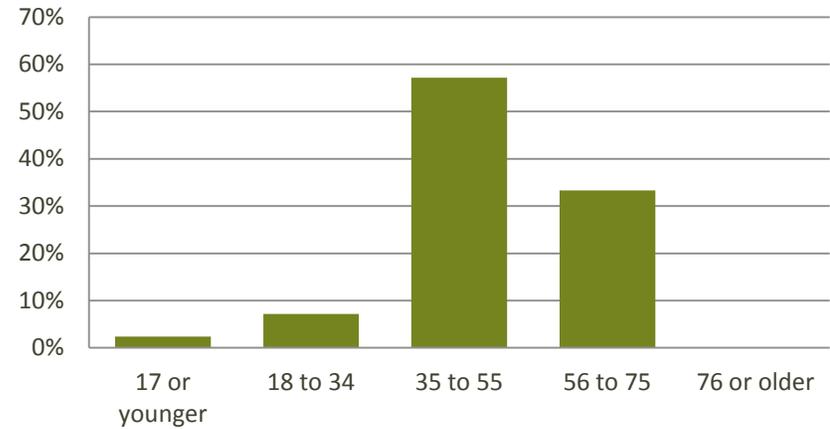


I-205 MULTI USE PATH – SURVEY DATA SUMMARY

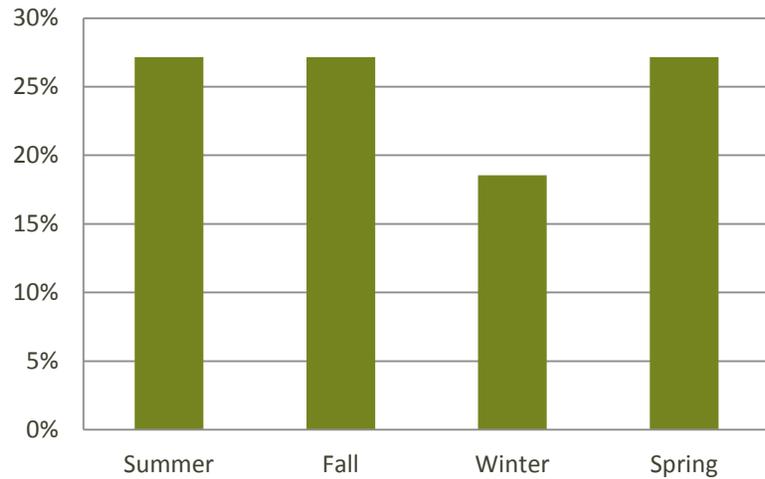
How often people on bikes use this trail



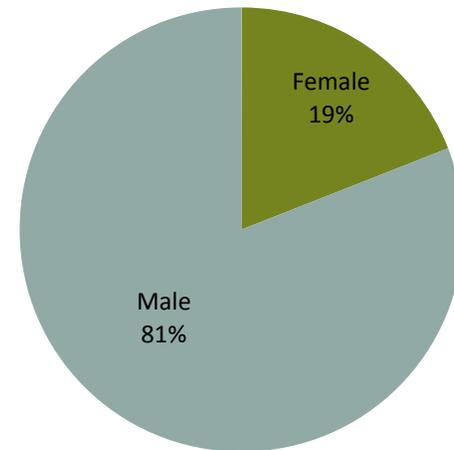
Ages of people on bikes surveyed on this trail



Seasons that people on bikes use this trail

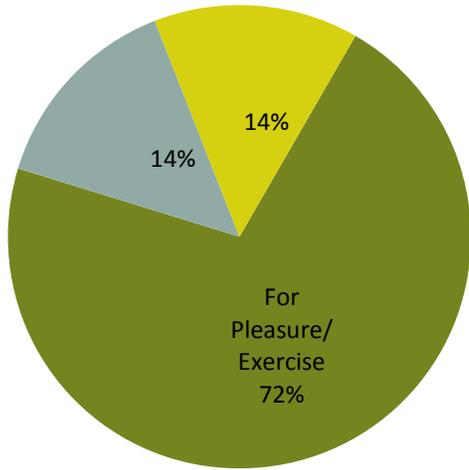


Gender of people on bikes surveyed using this trail

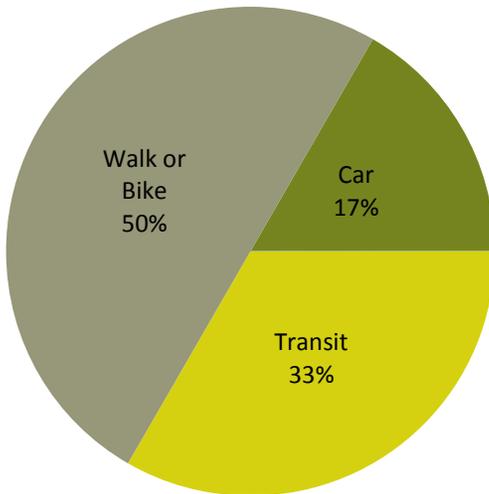


I-205 MULTI USE PATH – SURVEY DATA SUMMARY

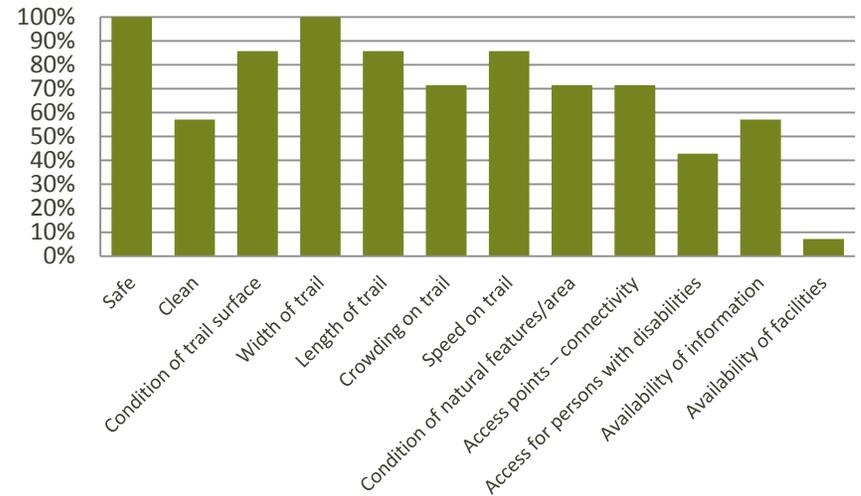
Why walkers use the trail



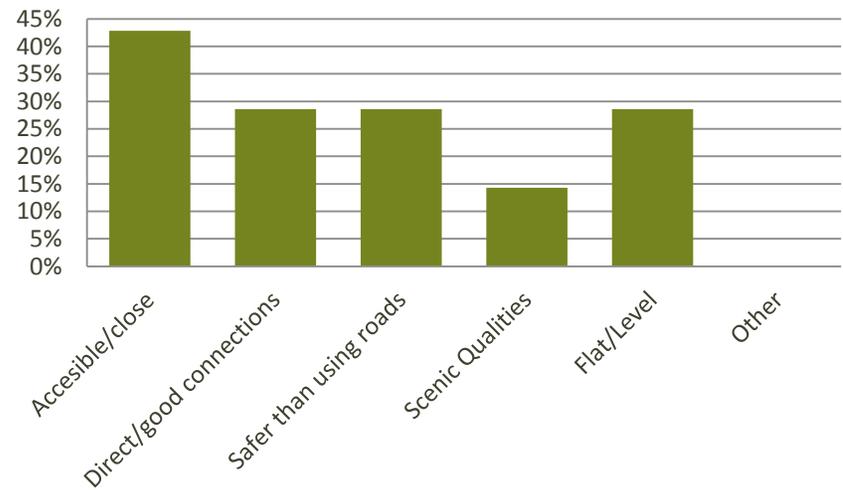
How walkers get to the trail



Share of responses by people walking with "Good" or "Excellent" ratings of the trail attributes

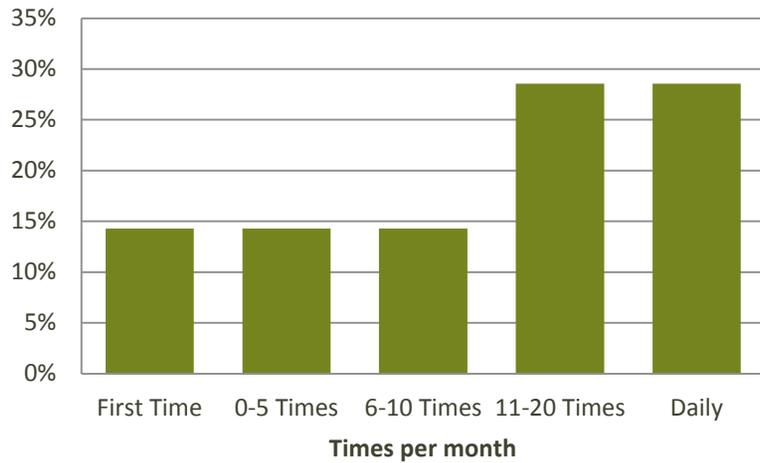


How often walkers use this trail

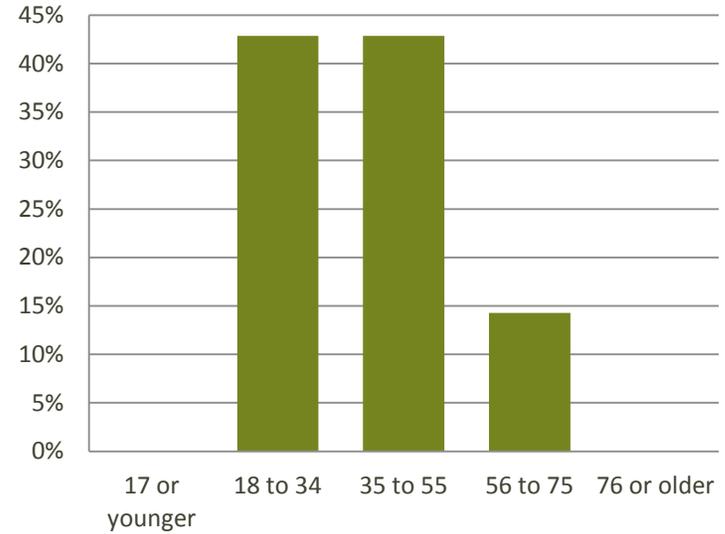


I-205 MULTI USE PATH – SURVEY DATA SUMMARY

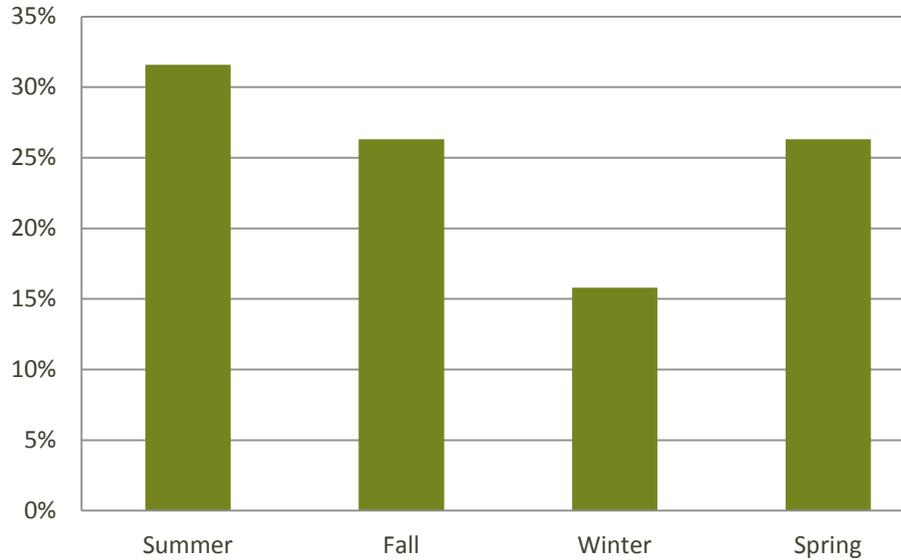
How often walkers use this trail



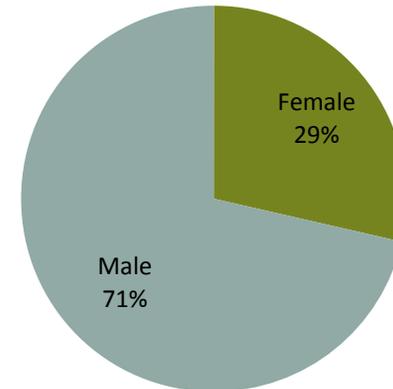
Ages of walkers surveyed on this trail



Seasons that people walking use this trail

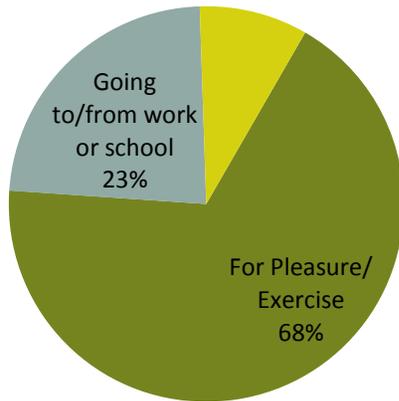


Gender of walkers surveyed on this trail

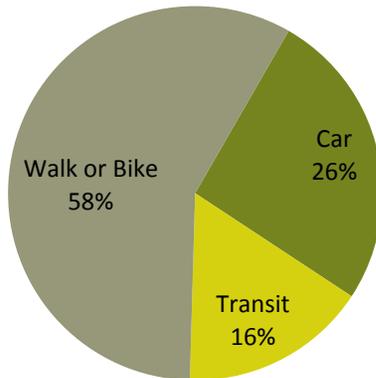


I-205 MULTI USE PATH – SURVEY DATA SUMMARY

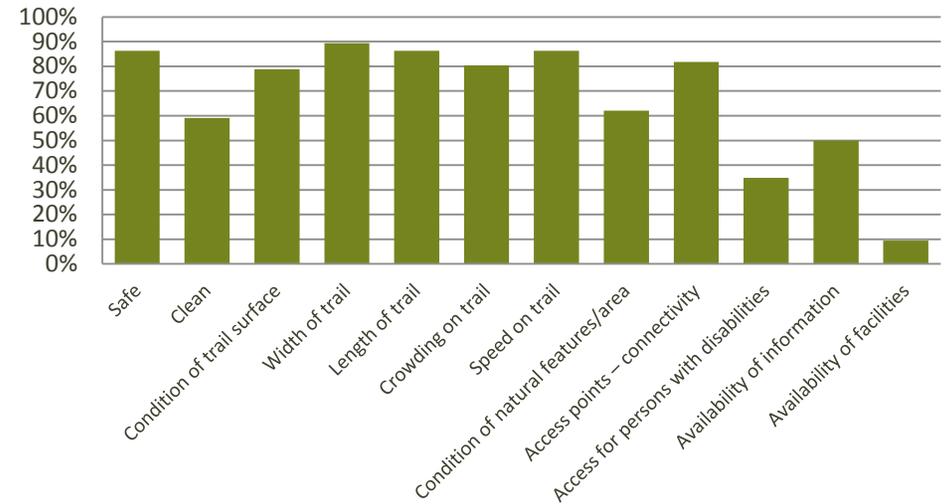
Why people use this trail



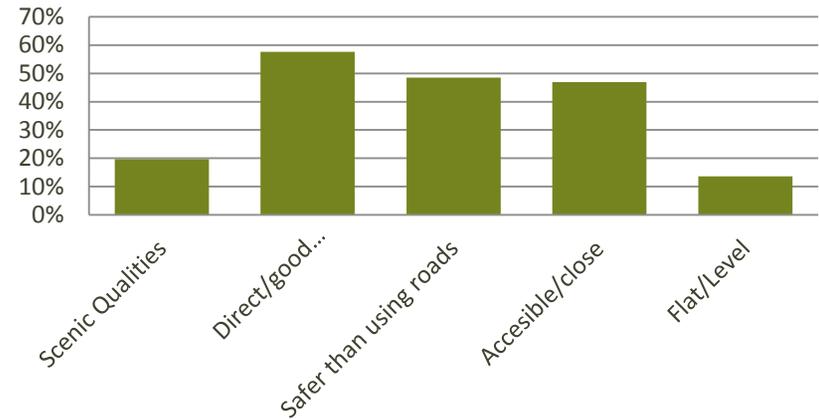
How people get to this trail



Share of responses with "Good" or "Excellent" ratings of the trail attributes

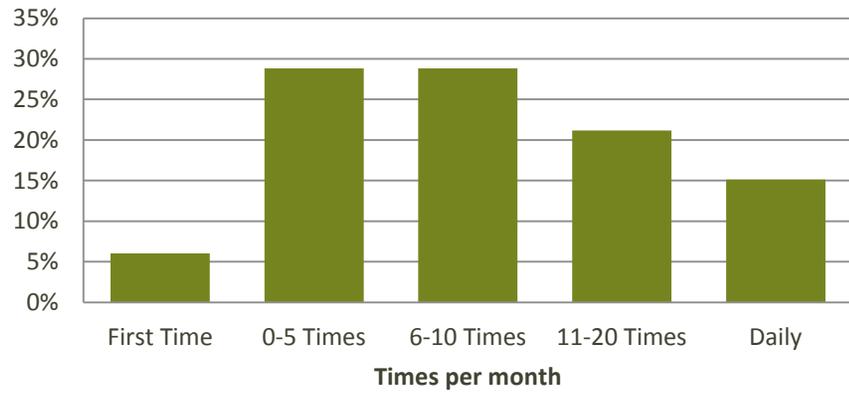


Why people use this trail instead of biking or walking elsewhere

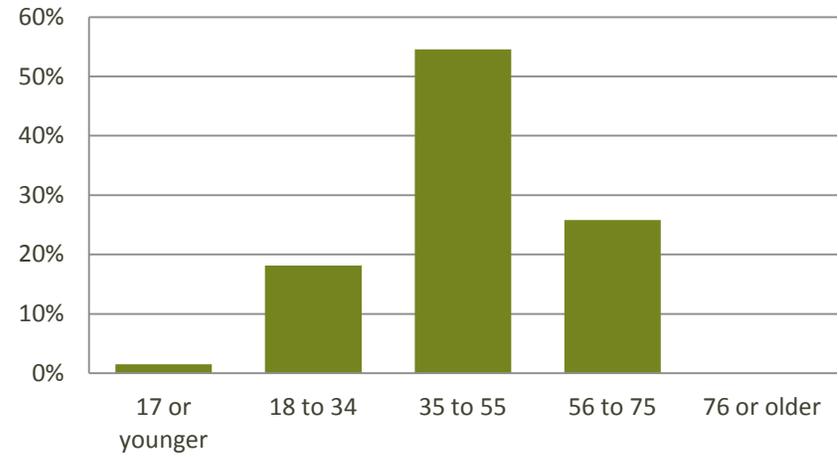


I-205 MULTI USE PATH – SURVEY DATA SUMMARY

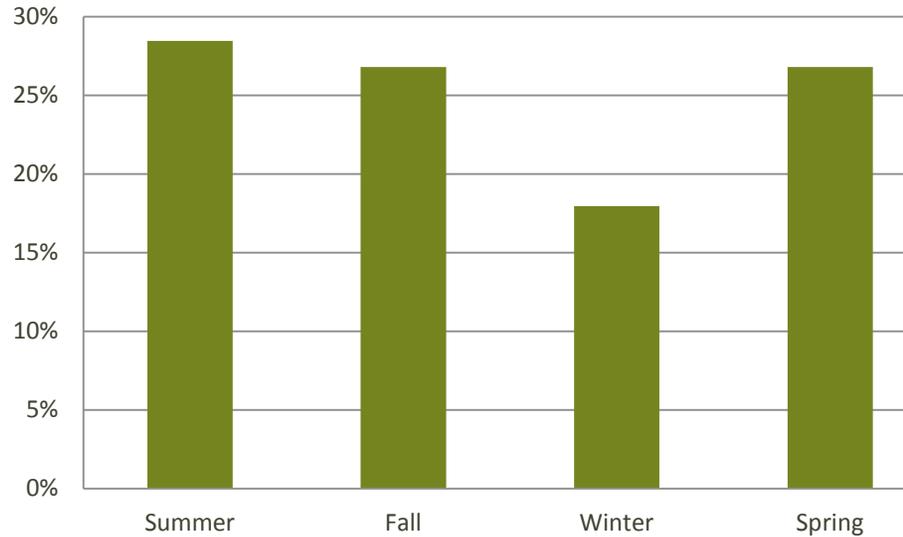
How often people use this trail



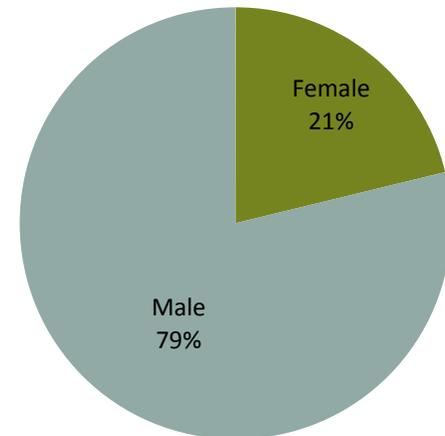
Ages of trail users surveyed



Seasons that people use this trail



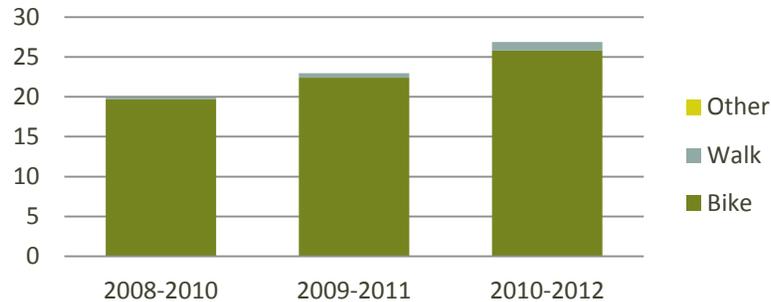
Gender of trail users surveyed



INTERSTATE BRIDGE PATH

Annual Count Data (Average 2 hour peak counts)					
	2008	2009	2010	2011	2012
Site 460 – Weekday					
Bike	-	-	20	38	-
Walk	-	-	0	1	-
Other	-	-	0	0	-
Total	-	-	20	39	-
Site 461 – Weekday					
Bike	-	37	-	-	50
Walk	-	0	-	-	4
Other	-	0	-	-	0
Total	-	37	-	-	54

Average 2 Hour Peak Usage by Mode



Estimated Average Usage

(2010-2012 rolling average, all user types)

DAILY: 250 MONTHLY: 8,000
WEEKLY: 1,7000 YEARLY: 90,000

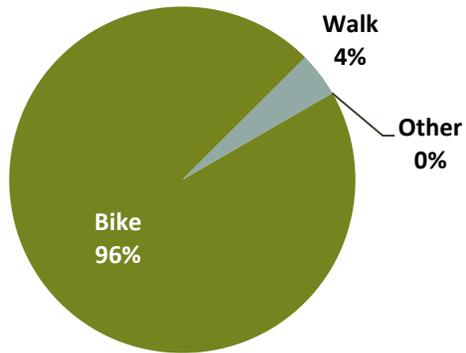


Survey sample size	
Walking	3
Biking	24
Jogging*	0
Other	0
Total	27

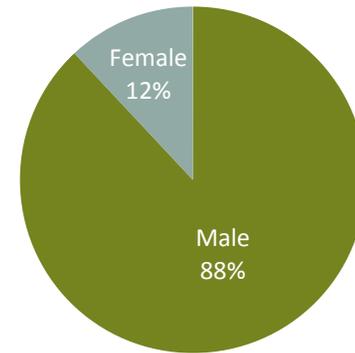
* insufficient number of surveys collected for analysis

INTERSTATE BRIDGE PATH – COUNT DATA SUMMARY

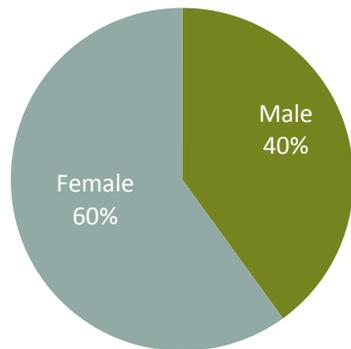
2010-2012 Mode Split



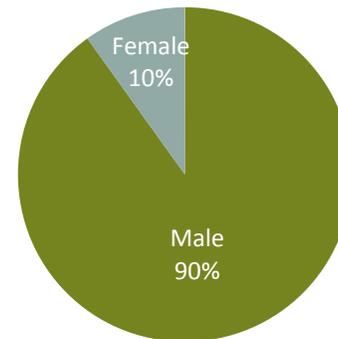
2010-2012 Observed Gender - All Users



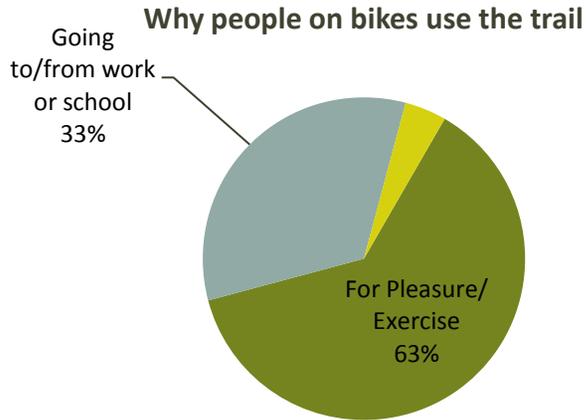
2010-2012 Observed Gender - Pedestrians



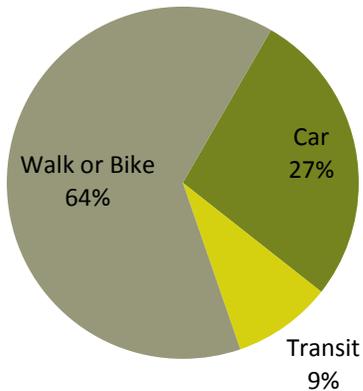
2010-2012 Observed Gender - Bicyclists



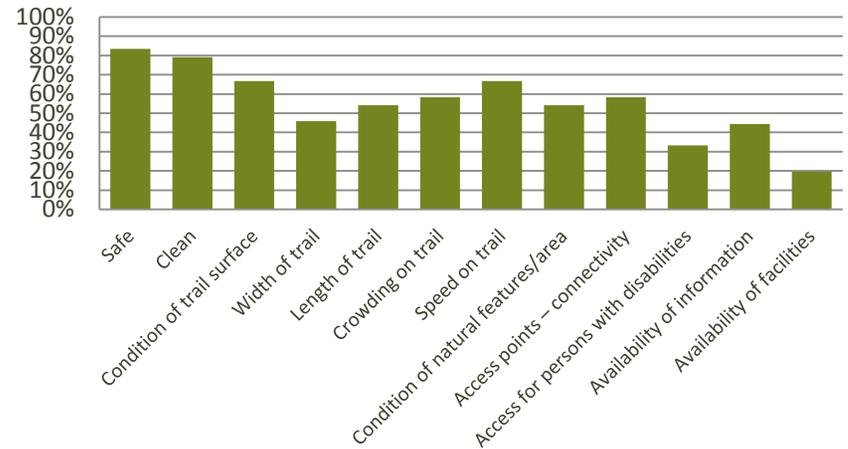
INTERSTATE BRIDGE PATH – SURVEY DATA SUMMARY



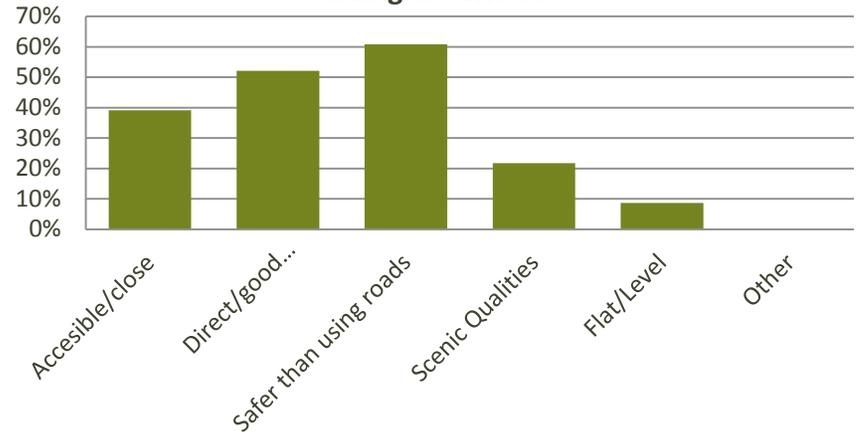
How people on bikes get to the trail



Share of responses by people on bikes with "Good" or "Excellent" ratings of the trail attributes

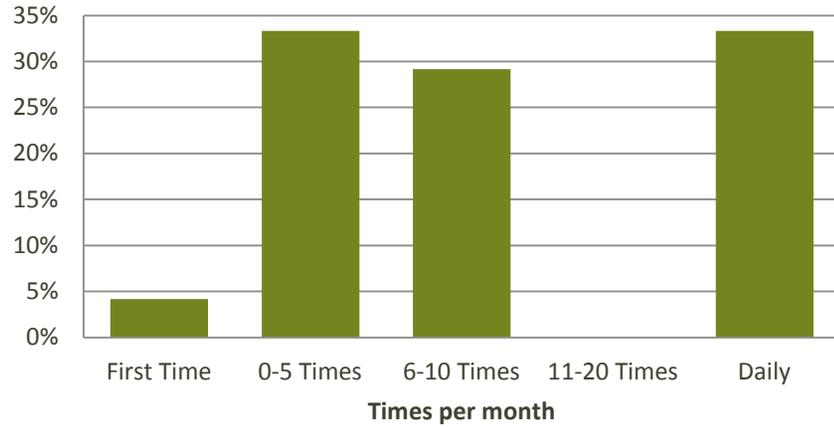


Why are people on bikes using this trail instead of riding elsewhere?

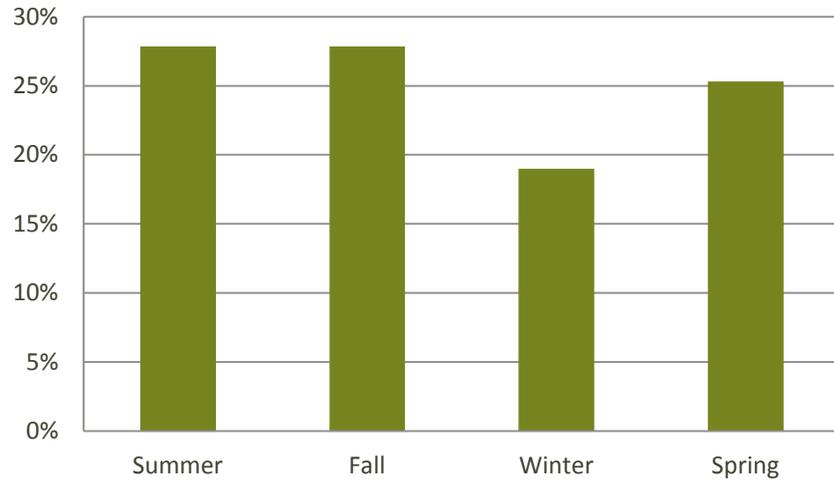


INTERSTATE BRIDGE PATH – SURVEY DATA SUMMARY

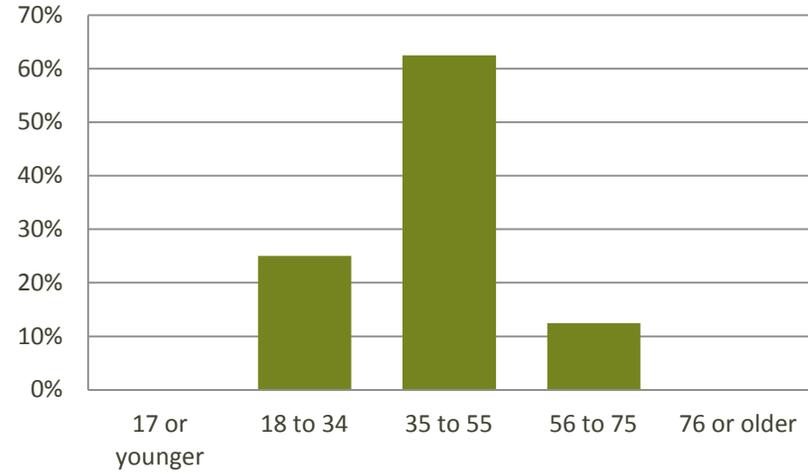
How often people on bikes use this trail



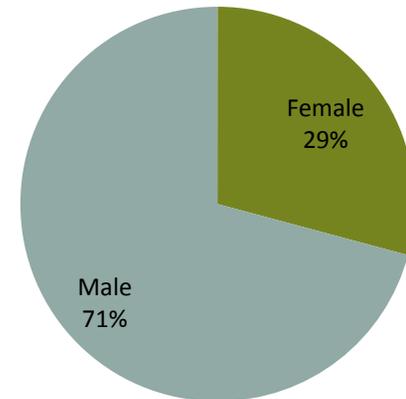
Seasons that people on bikes use this trail



Ages of people on bikes on this trail



Gender of people on bikes surveyed using this trail

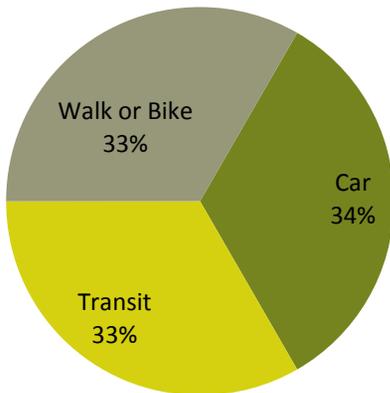


INTERSTATE BRIDGE PATH – SURVEY DATA SUMMARY

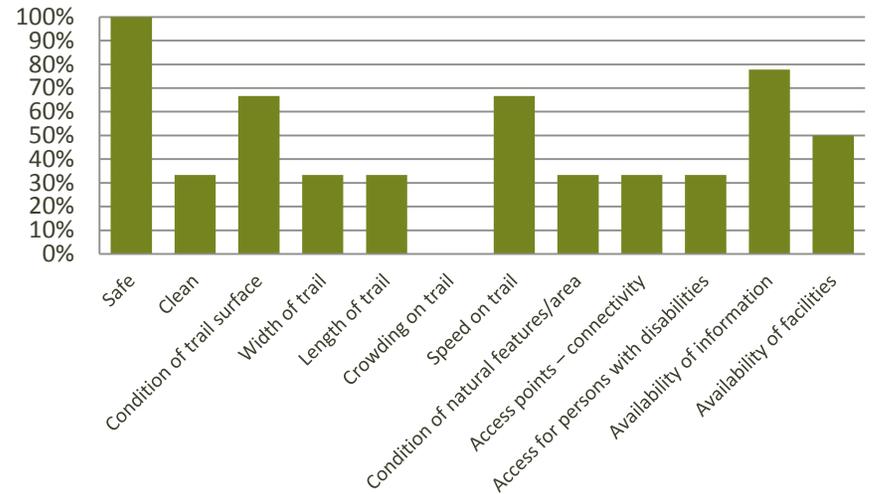
Why walkers use the trail



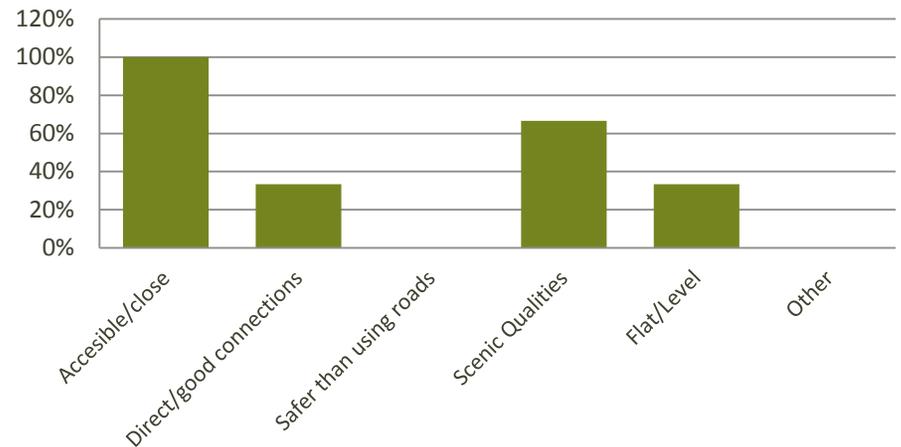
How walkers get to the trail



Share of responses by people walking with "Good" or "Excellent" ratings of the trail attributes

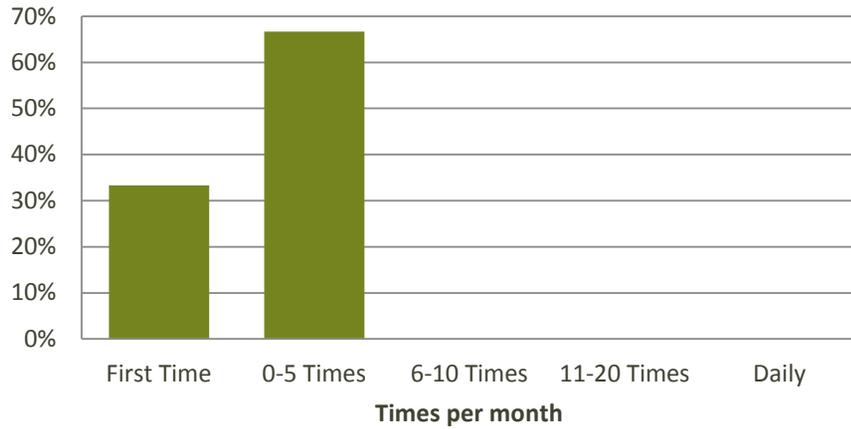


Why walkers use this trail instead of walking elsewhere

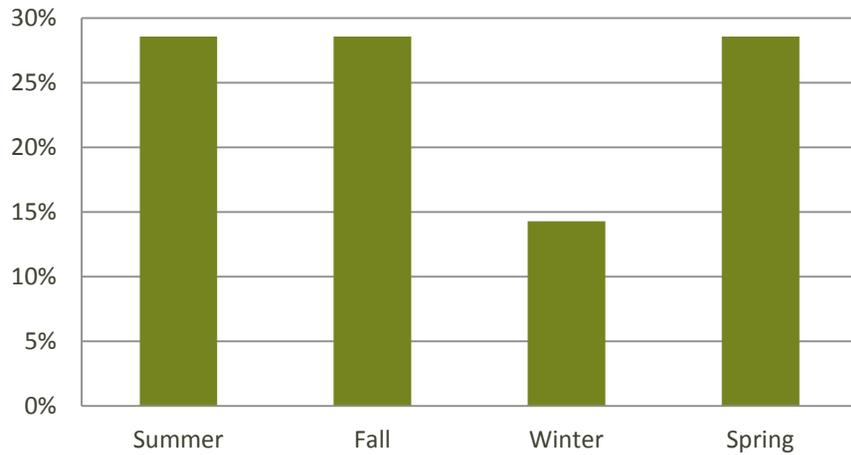


INTERSTATE BRIDGE PATH – SURVEY DATA SUMMARY

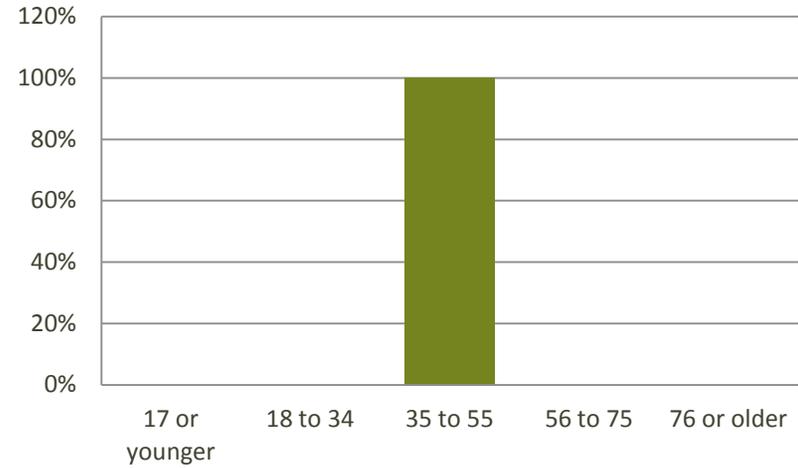
How often walkers use this trail



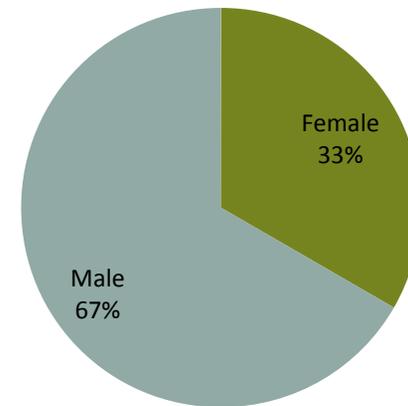
Seasons that walkers use this trail



Ages of walkers on this trail

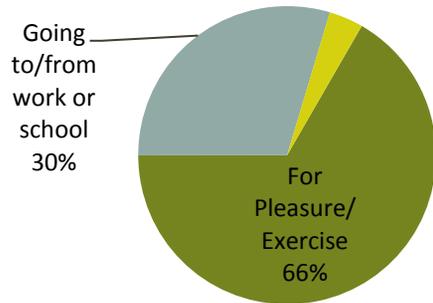


Gender of walkers surveyed on this trail

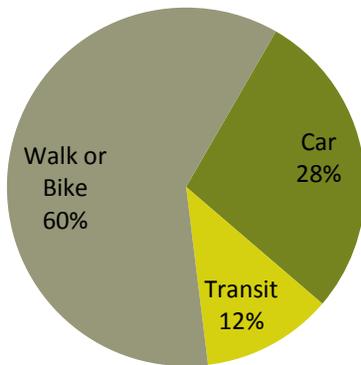


INTERSTATE BRIDGE PATH – SURVEY DATA SUMMARY

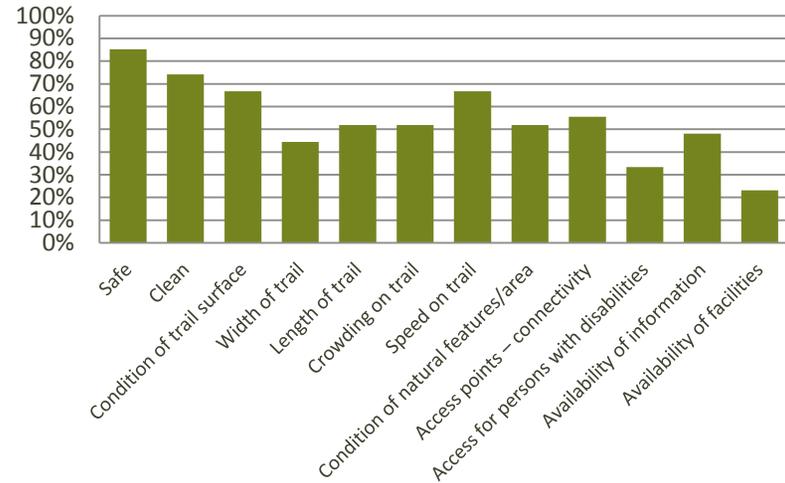
Why people use this trail



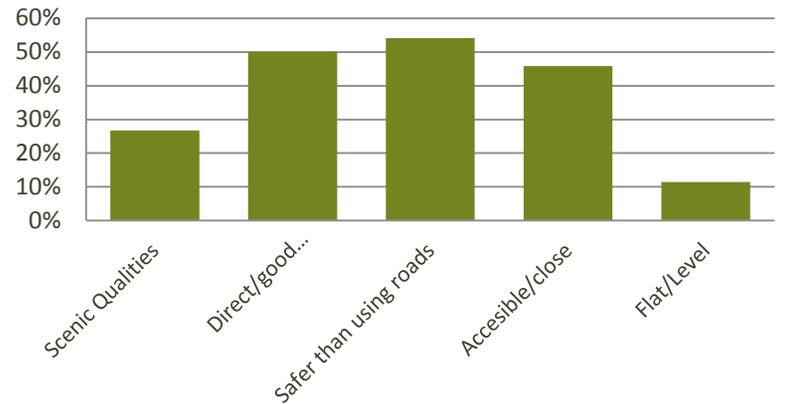
How people get to this trail



Share of responses with "Good" or "Excellent" ratings of the trail attributes

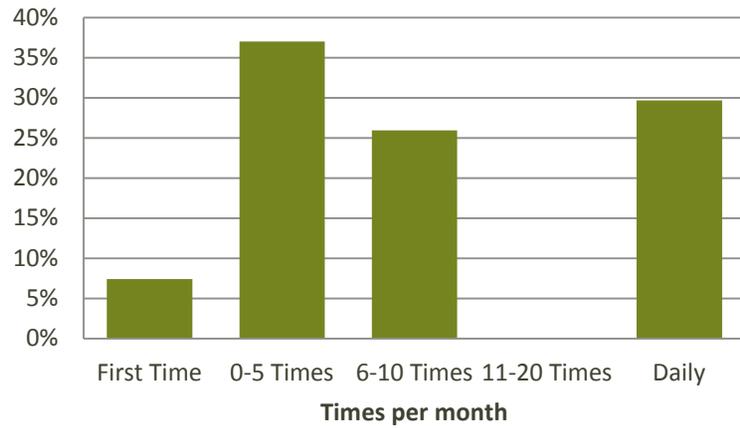


Why people use this trail instead of biking or walking elsewhere

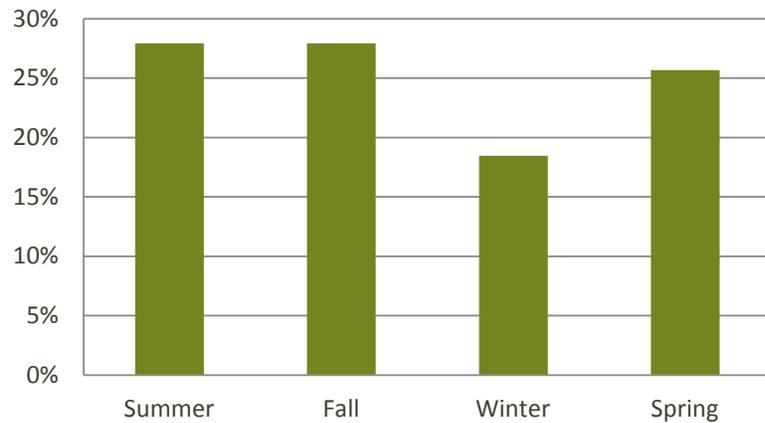


INTERSTATE BRIDGE PATH – SURVEY DATA SUMMARY

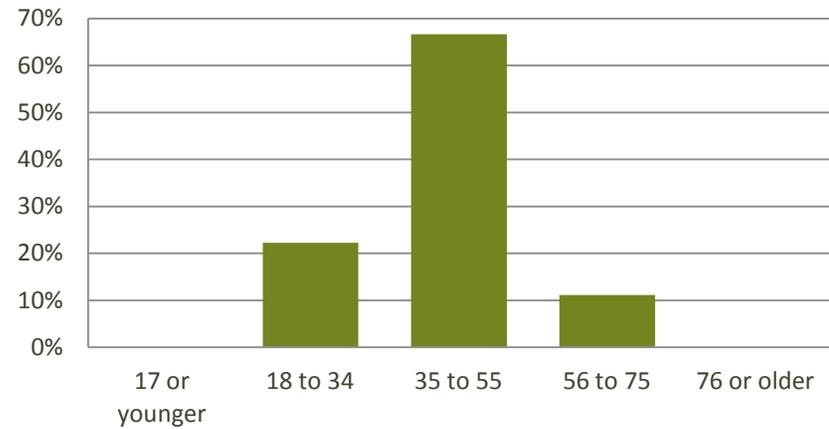
How often people use this trail



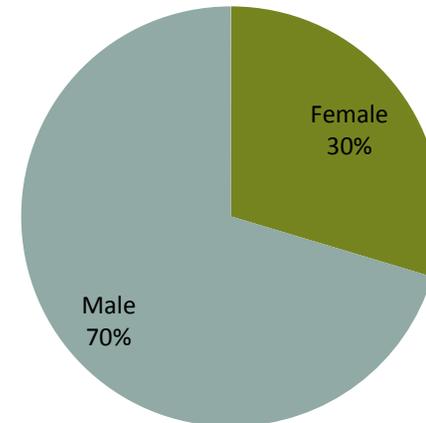
Seasons that people use this trail



Ages of trail users



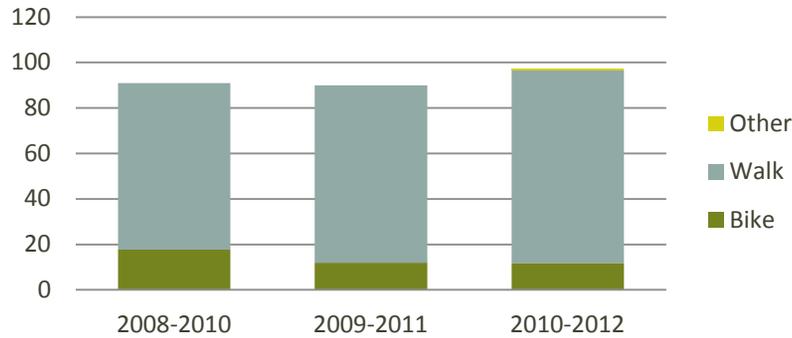
Gender of trail users surveyed



LACAMAS HERITAGE TRAIL

Annual Count Data (Average 2 hour peak counts)	2008	2009	2010	2011	2012
Site 450 – Weekday					
Bike	18	11	24	1	11
Walk	57	85	78	71	105
Other	0	0	0	0	2
Total	75	96	102	72	118

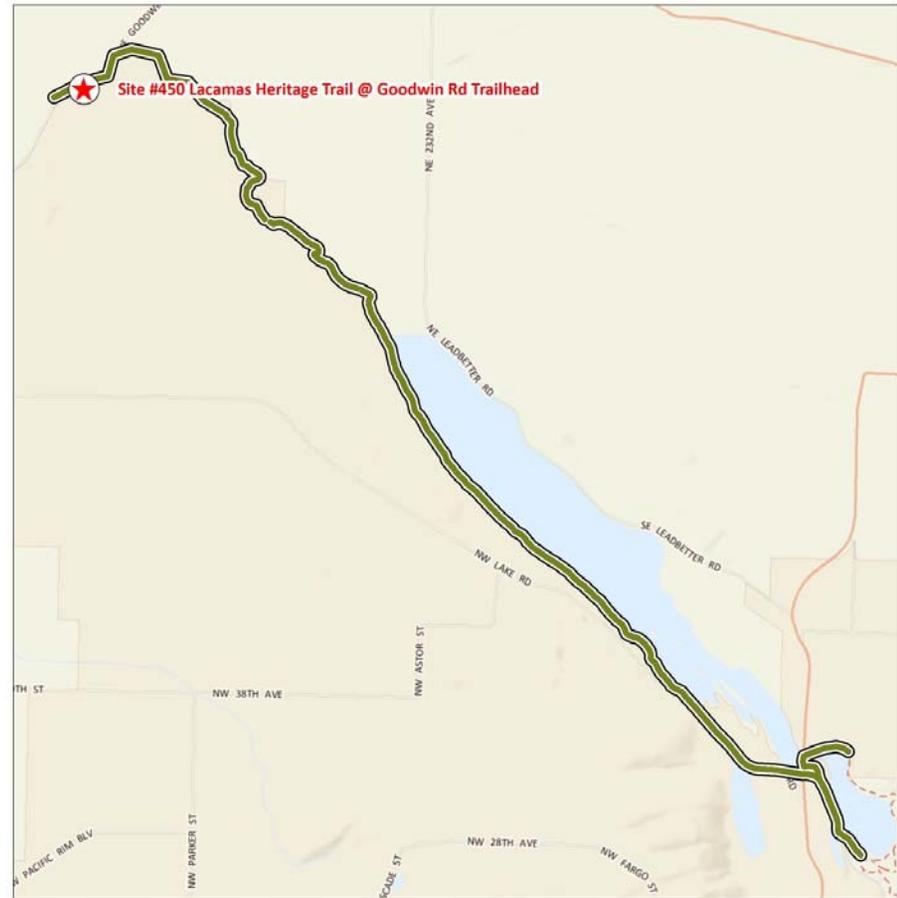
Average 2 Hour Peak Usage by Mode



Estimated Average Usage

(2010-2012 rolling average, all user types)

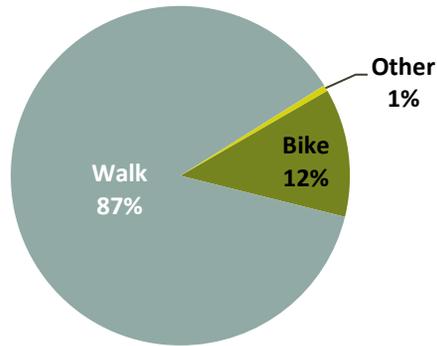
DAILY: 890
WEEKLY: 6,300
MONTHLY: 27,000
YEARLY: 330,000



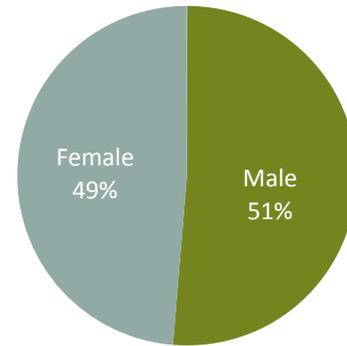
<i>Survey sample size</i>	
Walking	30
Biking	9
Jogging	57
Other	1
Total	97

LACAMAS HERITAGE TRAIL – COUNT DATA SUMMARY

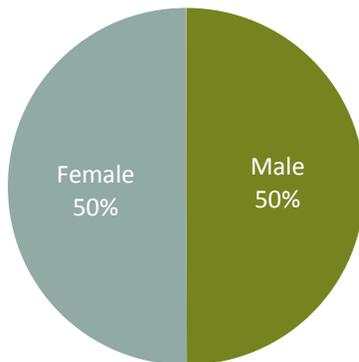
2010-2012 Mode Split



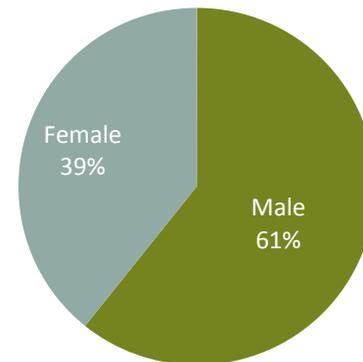
2010-2012 Observed Gender - All Users



2010-2012 Observed Gender - Pedestrians



2010-2012 Observed Gender - Bicyclists

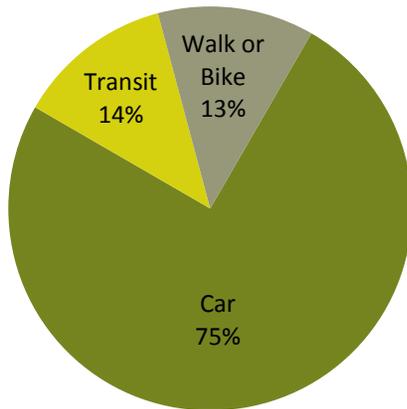


LACAMAS HERITAGE TRAIL – SURVEY DATA SUMMARY

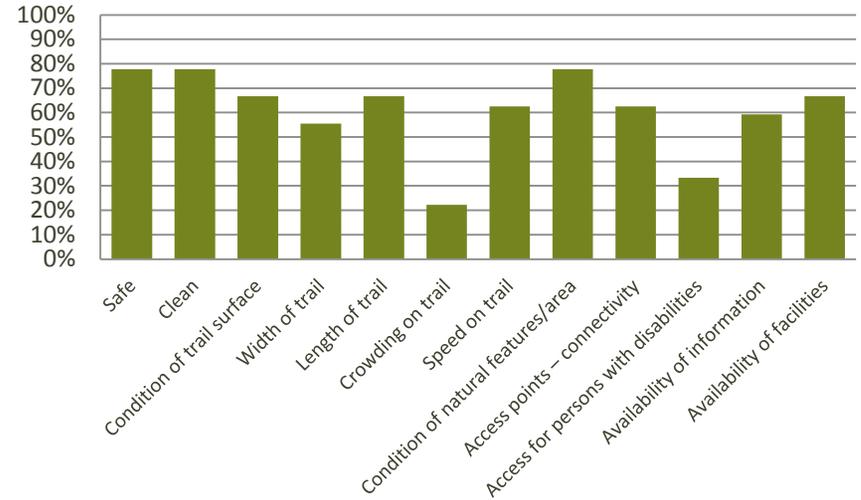
Why people on bikes use the trail



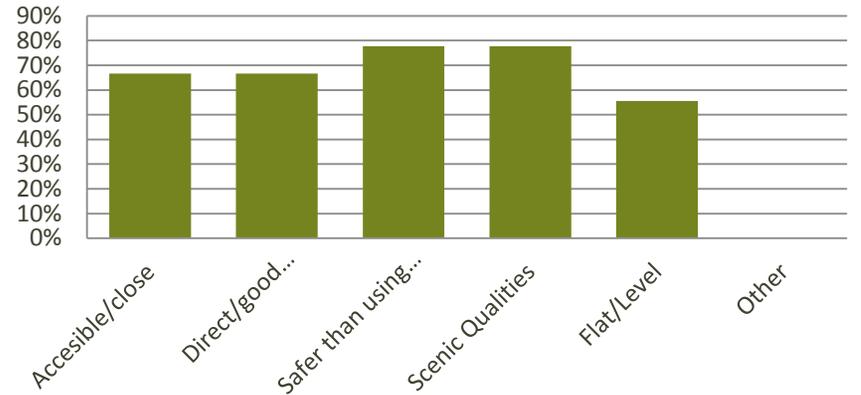
How people on bikes get to the trail



Share of responses by people on bikes with "Good" or "Excellent" ratings of the trail attributes

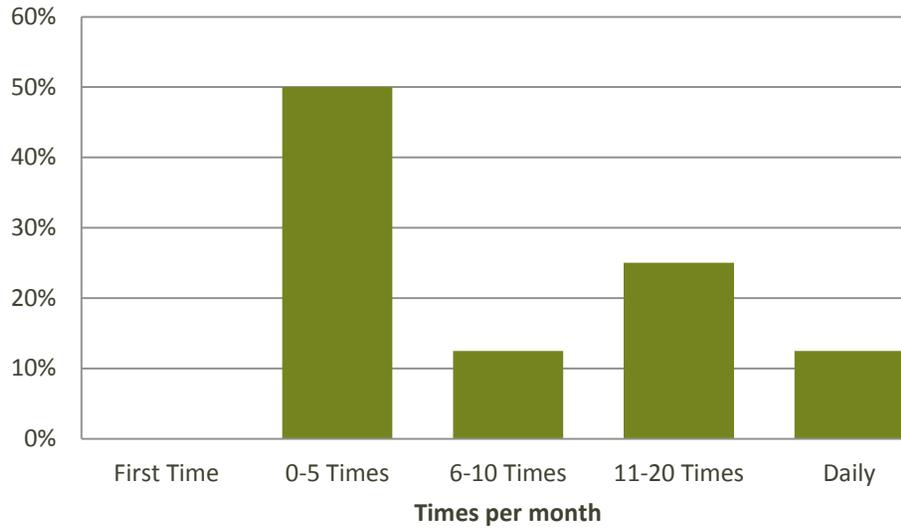


Why are people on bikes using this trail instead of riding elsewhere?

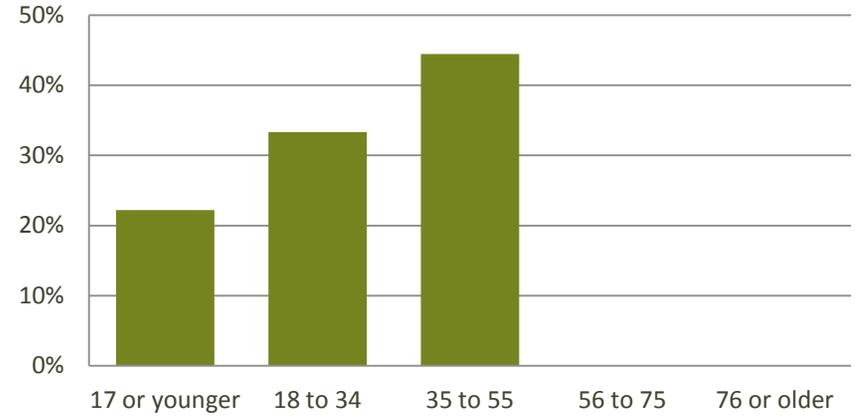


LACAMAS HERITAGE TRAIL – SURVEY DATA SUMMARY

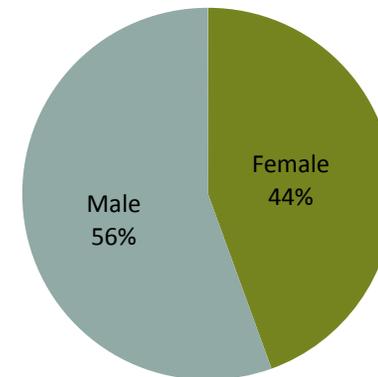
How often people on bikes use this trail



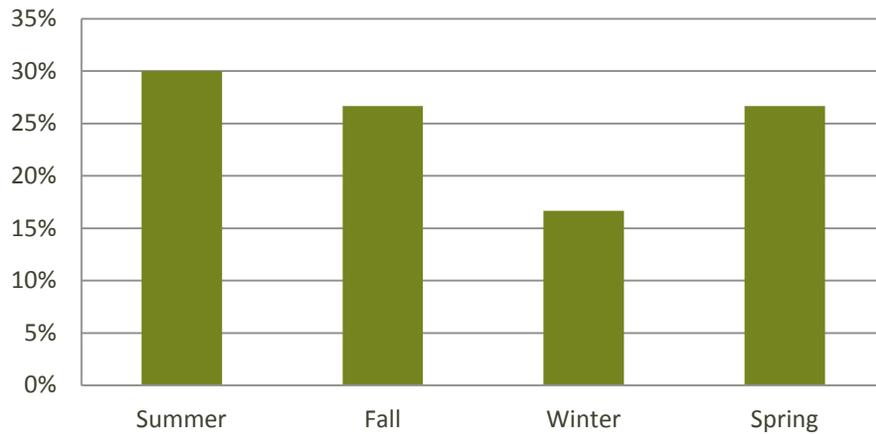
Ages of people on bikes surveyed on this trail



Gender of people on bikes surveyed using this trail

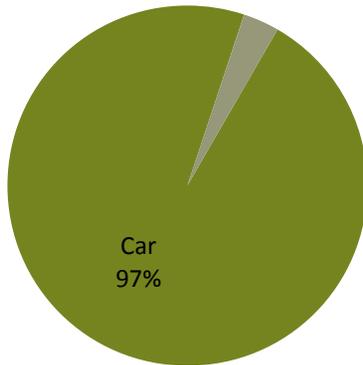


Seasons that people on bikes use this trail



LACAMAS HERITAGE TRAIL – SURVEY DATA SUMMARY

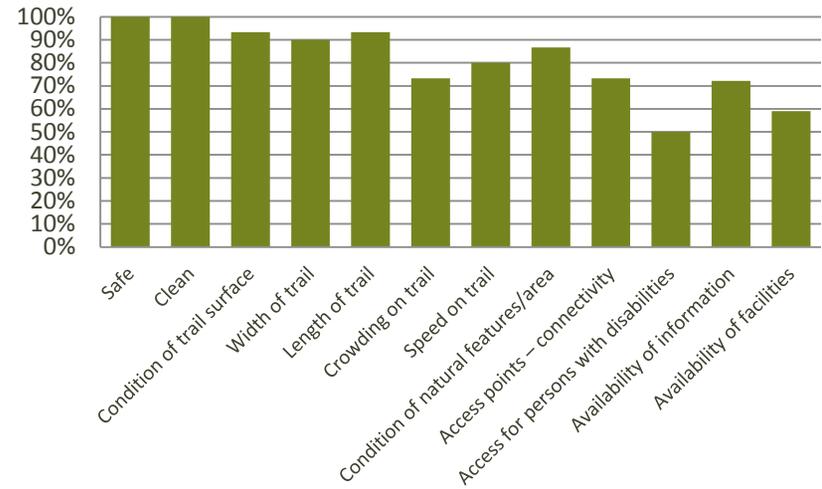
How walkers get to the trail



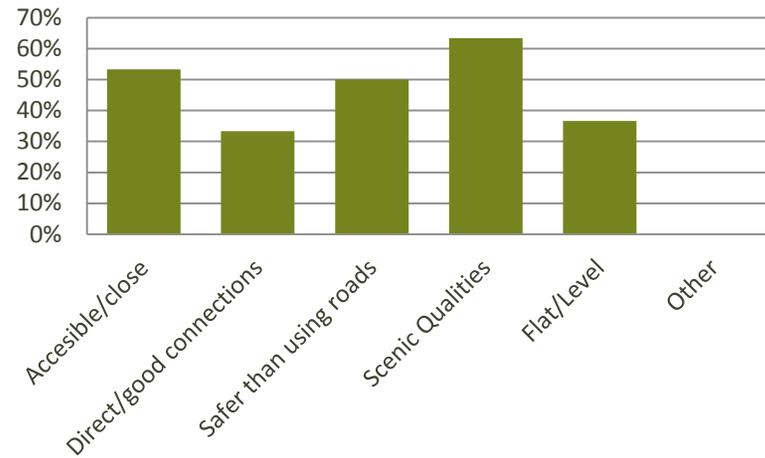
Why walkers use the trail



Share of responses by people walking with "Good" or "Excellent" ratings of the trail attributes

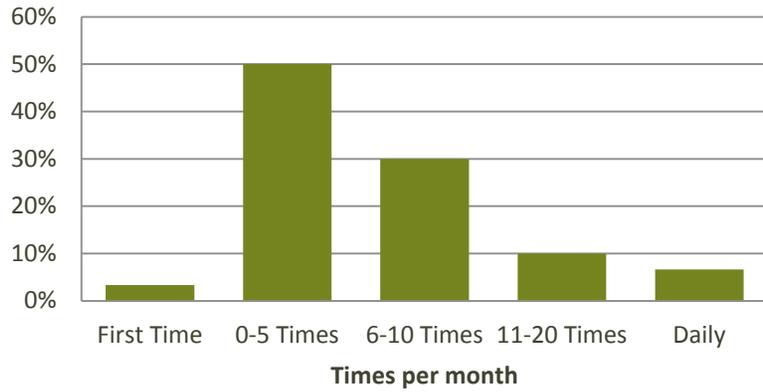


Why walkers use this trail instead of walking elsewhere

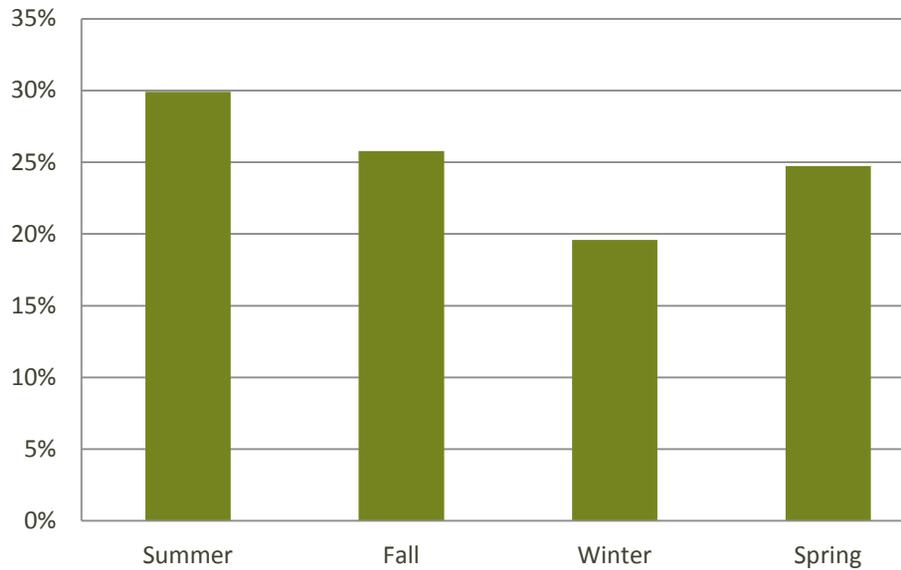


LACAMAS HERITAGE TRAIL – SURVEY DATA SUMMARY

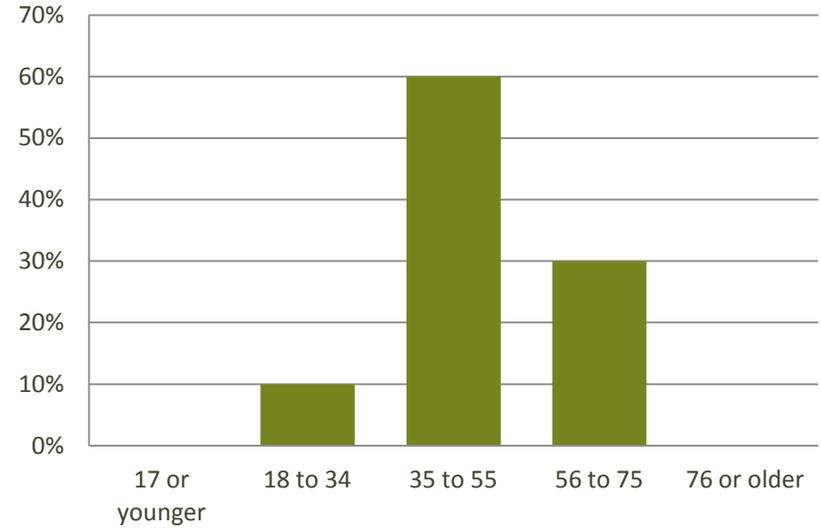
How often walkers use this trail



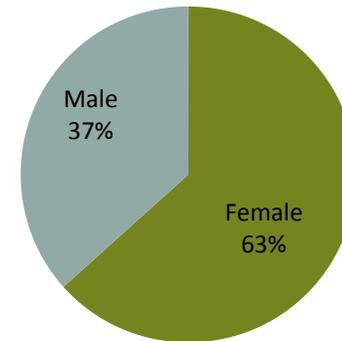
Seasons that walkers use this trail



Ages of walkers surveyed on this trail

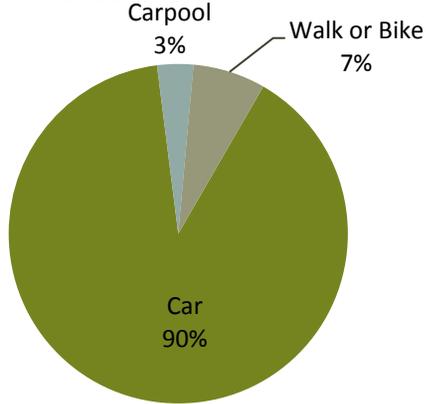


Gender of walkers surveyed on this trail

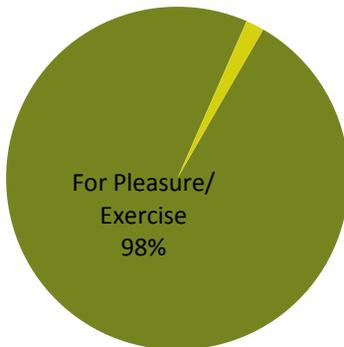


LACAMAS HERITAGE TRAIL – SURVEY DATA SUMMARY

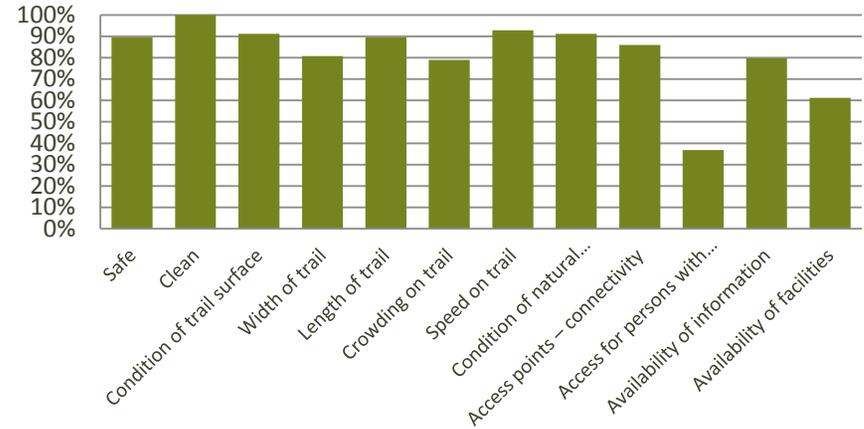
How joggers get to the trail



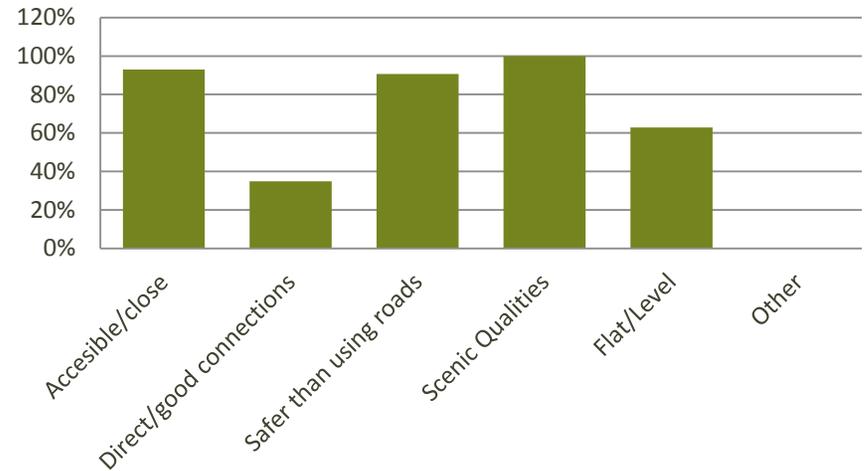
Why joggers use the trail



Share of responses by joggers with "Good" or "Excellent" ratings of the trail attributes

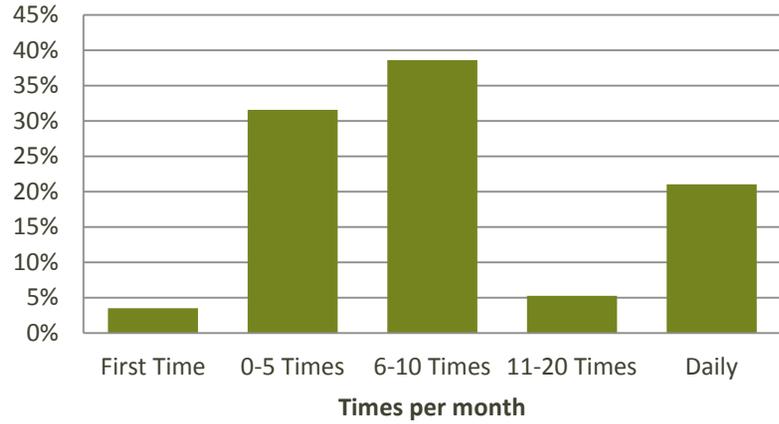


Why joggers use this trail instead of jogging elsewhere

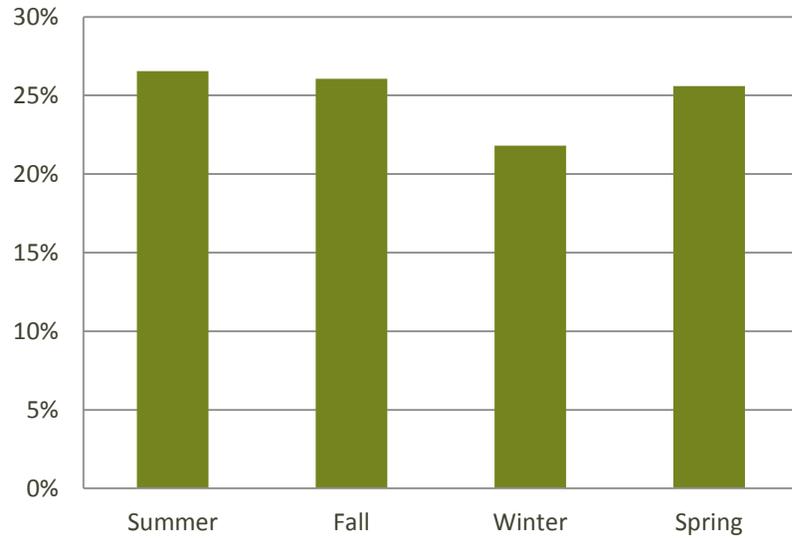


LACAMAS HERITAGE TRAIL – SURVEY DATA SUMMARY

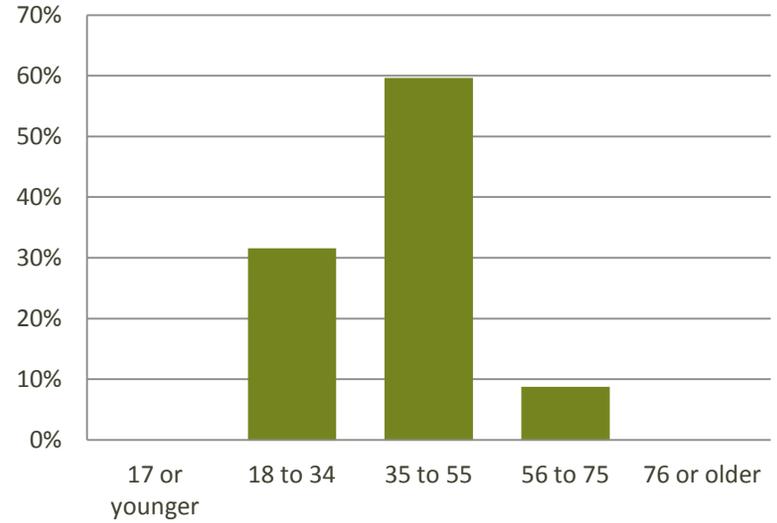
How often joggers use this trail



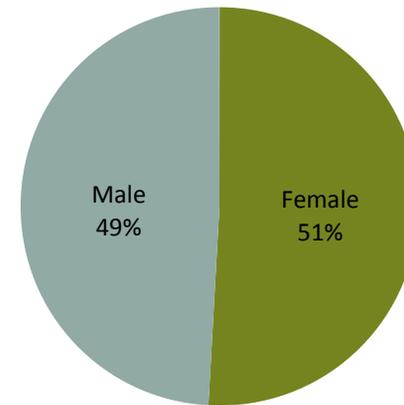
Seasons that joggers use this trail



Ages of joggers on this trail

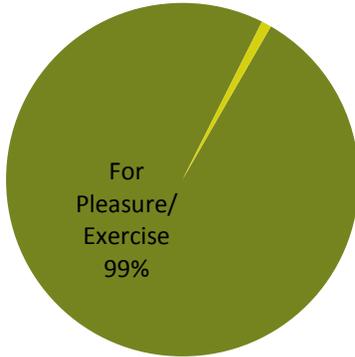


Gender of joggers surveyed on this trail

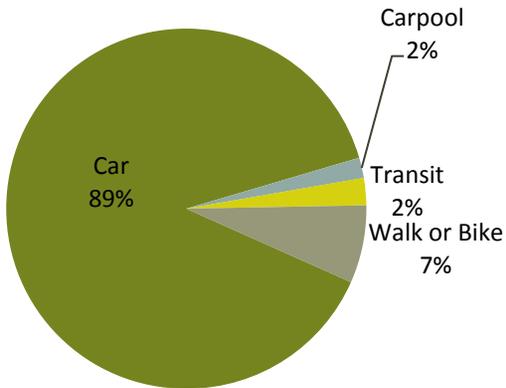


LACAMAS HERITAGE TRAIL – SURVEY DATA SUMMARY

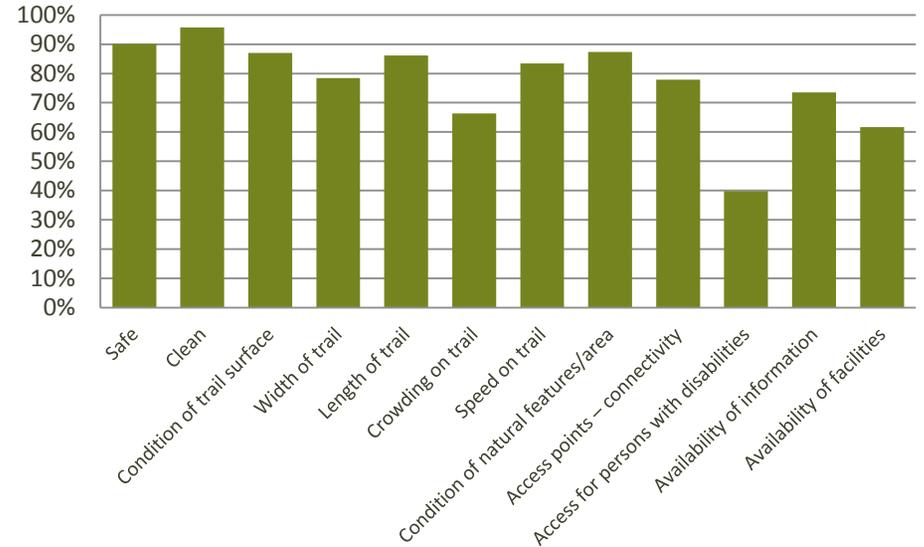
Why people use this trail



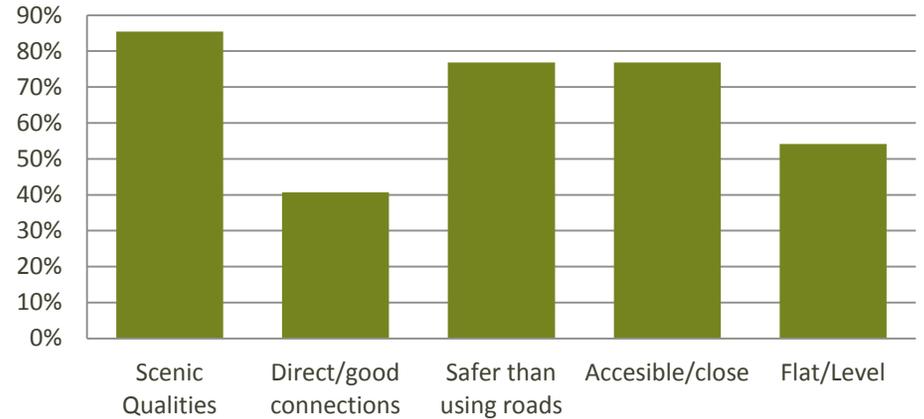
How people get to this trail



Share of responses with "Good" or "Excellent" ratings of the trail attributes

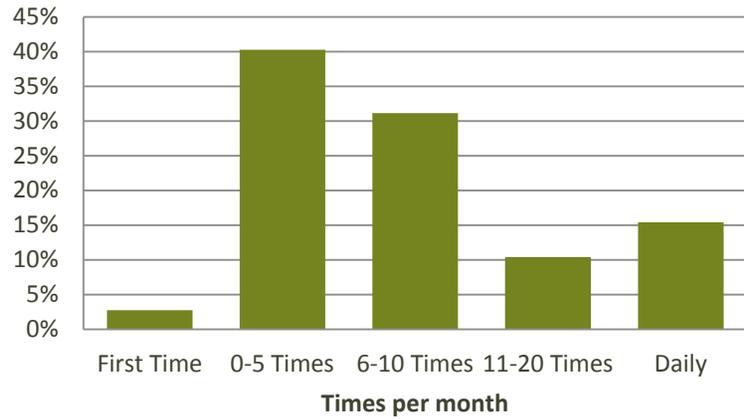


Why people use this trail instead of biking or walking elsewhere

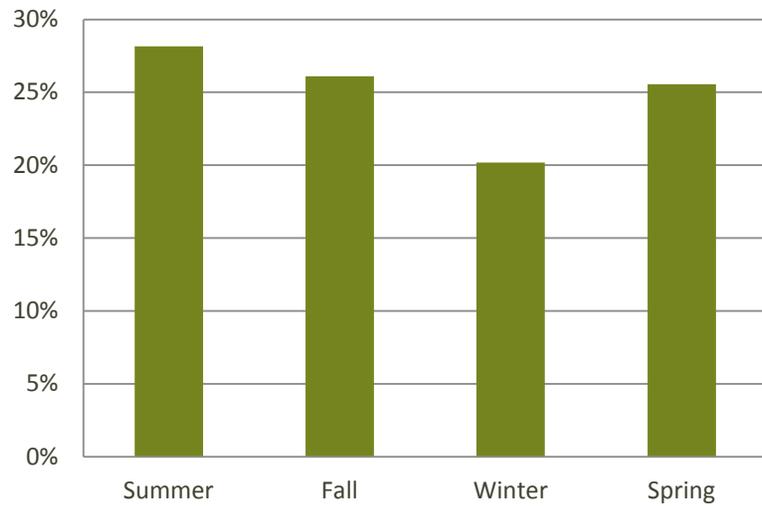


LACAMAS HERITAGE TRAIL – SURVEY DATA SUMMARY

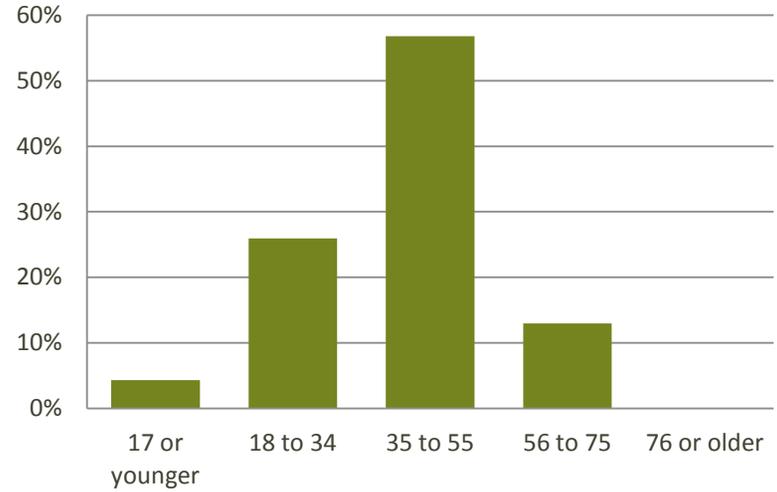
How often people use this trail



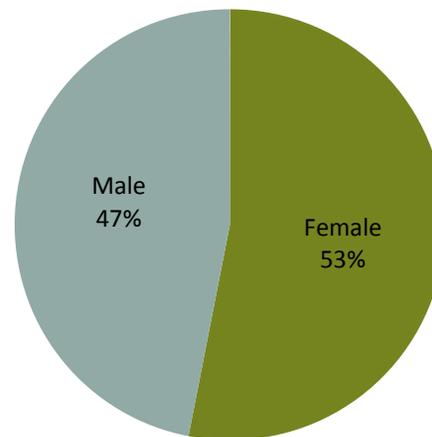
Seasons that people use this trail



Ages of surveyed trail users



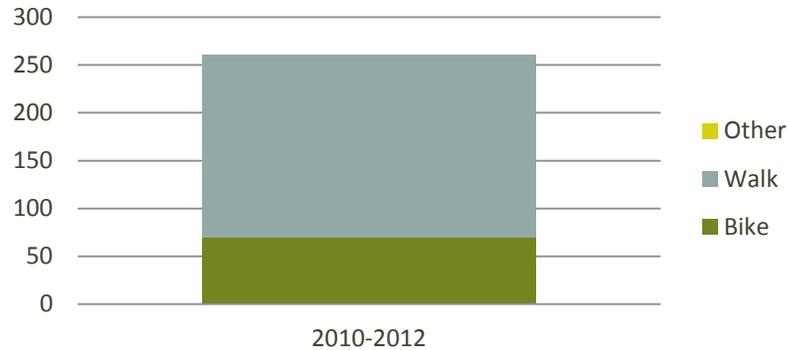
Gender of surveyed trail users



LEIF ERIKSON TRAIL

Annual Count Data (Average 2 hour peak counts)	2008	2009	2010	2011	2012
Site 121 – Weekday					
Bike	-	-	-	70	-
Walk	-	-	-	191	-
Other	-	-	-	0	-
Total	-	-	-	261	-

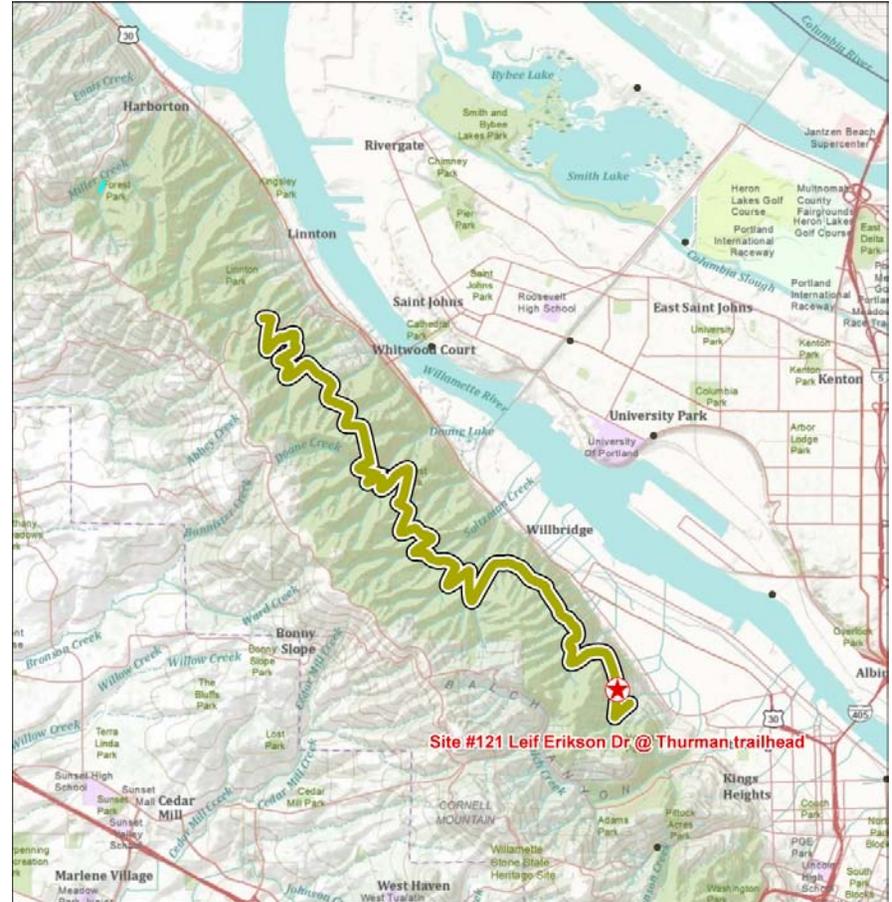
Average 2 Hour Peak Usage by Mode



Estimated Average Usage

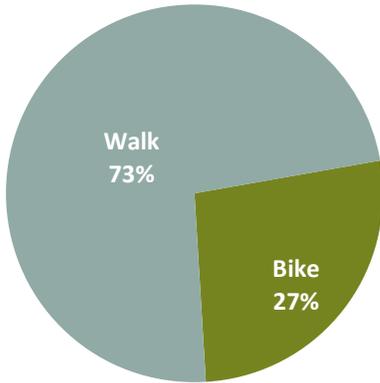
(2010-2012 rolling average, all user types)

DAILY: 1,600
WEEKLY: 11,200
MONTHLY: 49,000
YEARLY: 580,000

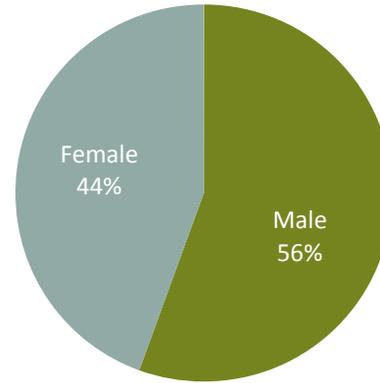


LEIF ERIKSON TRAIL – COUNT DATA SUMMARY

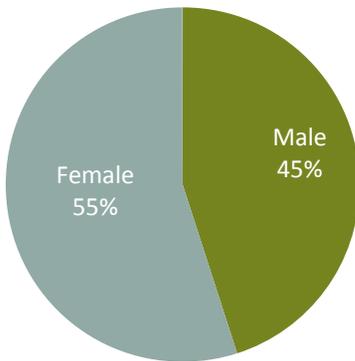
2010-2012 Mode Split



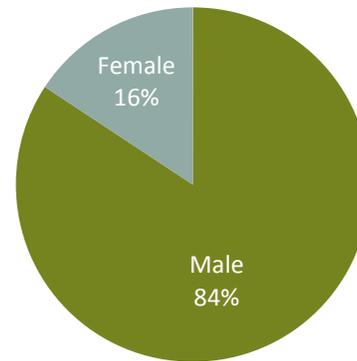
2010-2012 Observed Gender - All Users



2010-2012 Observed Gender - Pedestrians



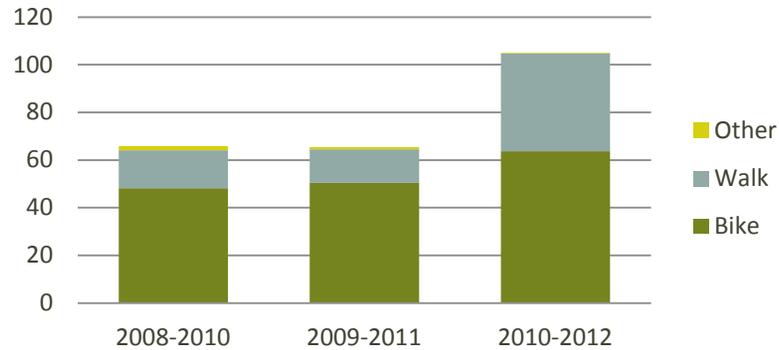
2010-2012 Observed Gender - Bicyclists



MARINE DRIVE TRAIL

Annual Count Data (Average 2 hour peak counts)	2008	2009	2010	2011	2012
Site 76 – Weekday					
Bike	46	-	49	53	89
Walk	14	-	23	8	92
Other	3	-	0	1	0
Total	63	-	72	62	181

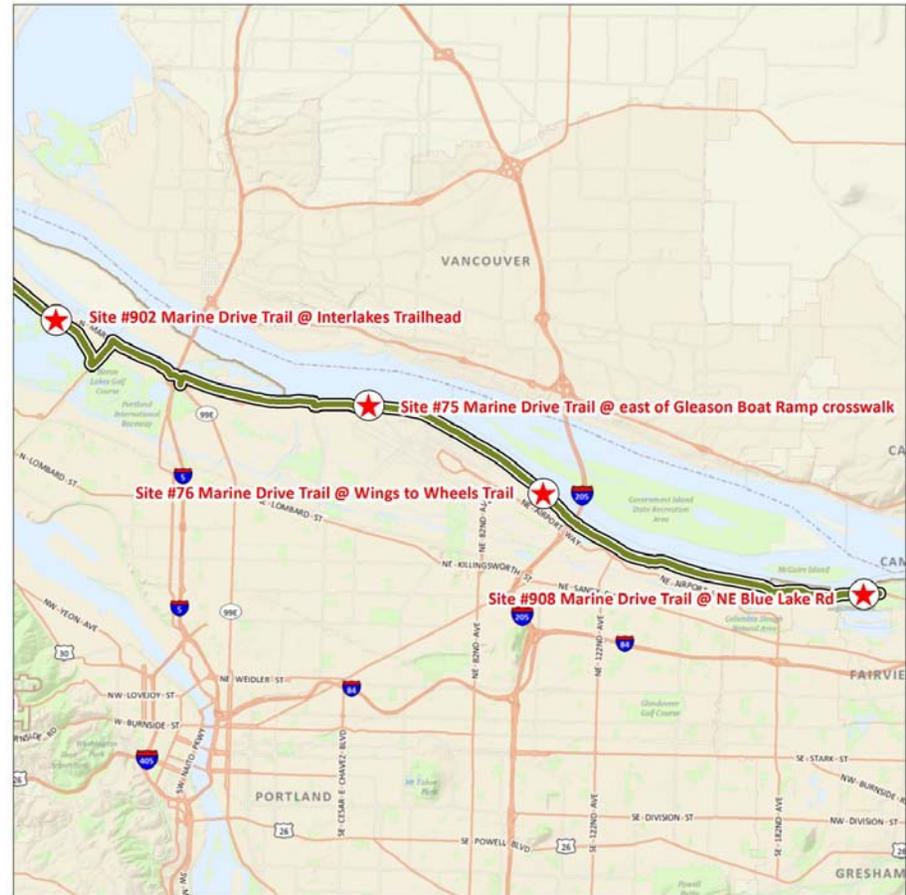
Average 2 Hour Peak Usage by Mode



Estimated Average Usage

(2010-2012 rolling average, all user types)

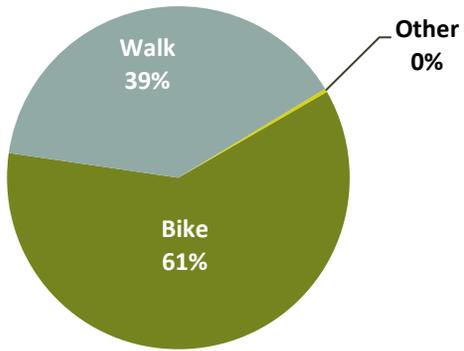
DAILY: 960
WEEKLY: 6,800
MONTHLY: 29,000
YEARLY: 350,000



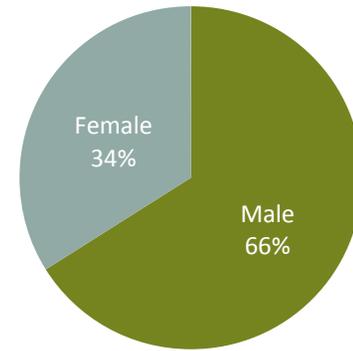
Survey sample size	
Walking	13
Biking	36
Jogging	6
Other	5
Total	60

MARINE DRIVE TRAIL – COUNT DATA SUMMARY

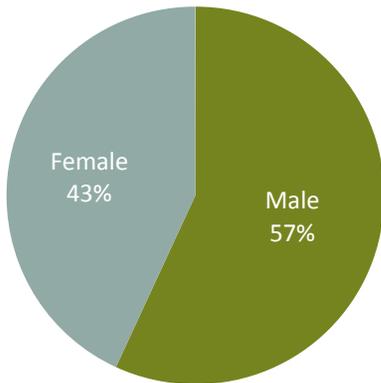
2010-2012 Mode Split



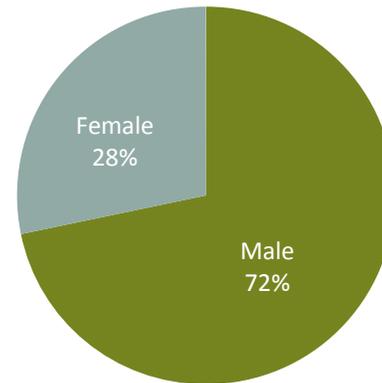
2010-2012 Observed Gender - All Users



2010-2012 Observed Gender - Pedestrians



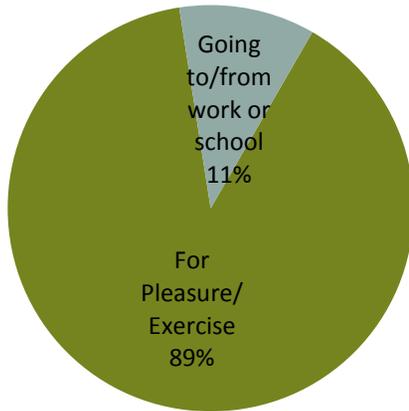
2010-2012 Observed Gender - Bicyclists



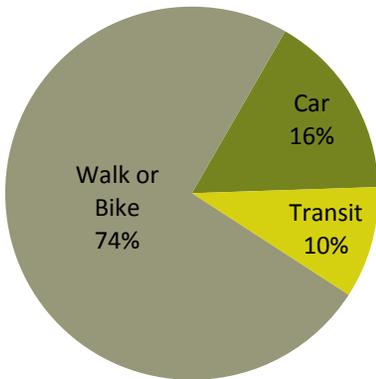
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MARINE DRIVE TRAIL – SURVEY DATA SUMMARY

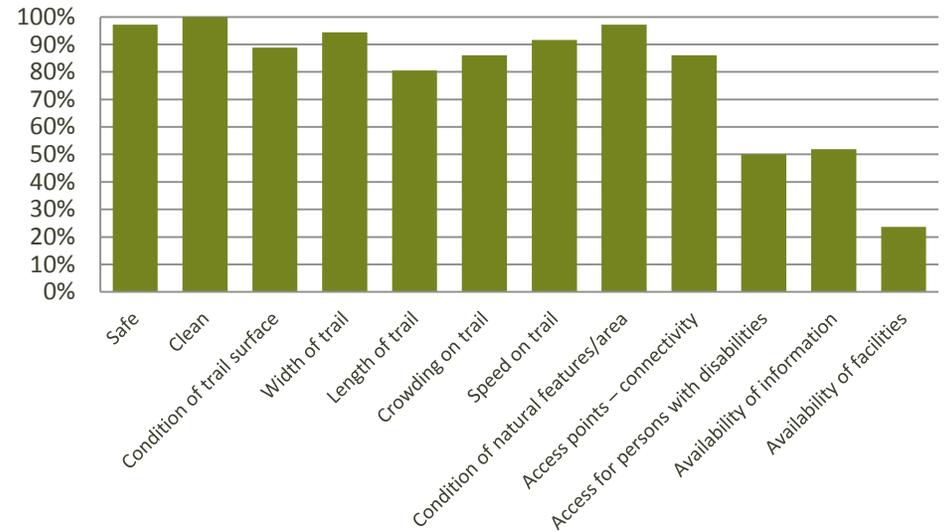
Why people on bikes use the trail



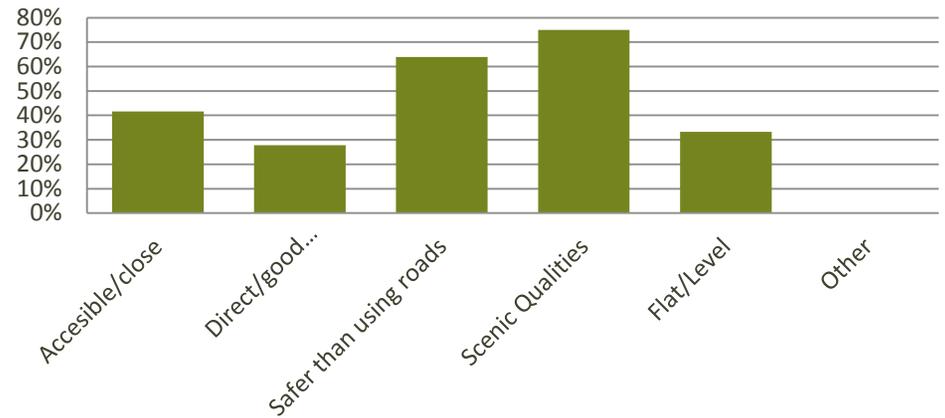
How people on bikes get to the trail



Share of responses by people on bikes with "Good" or "Excellent" ratings of the trail attributes

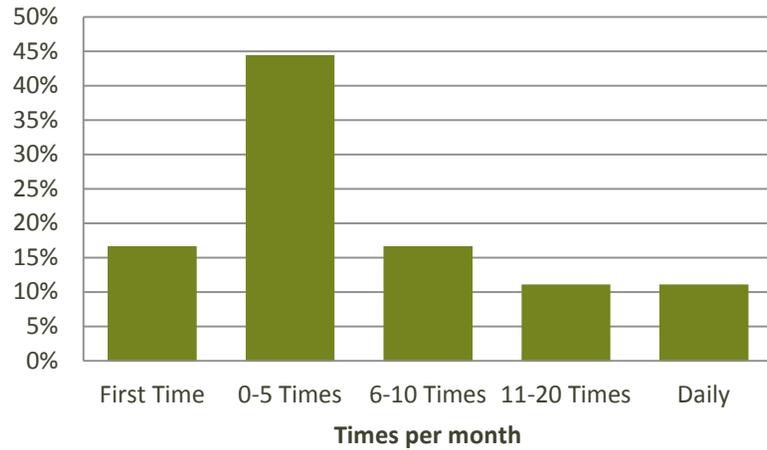


Why are people on bikes using this trail instead of riding elsewhere?

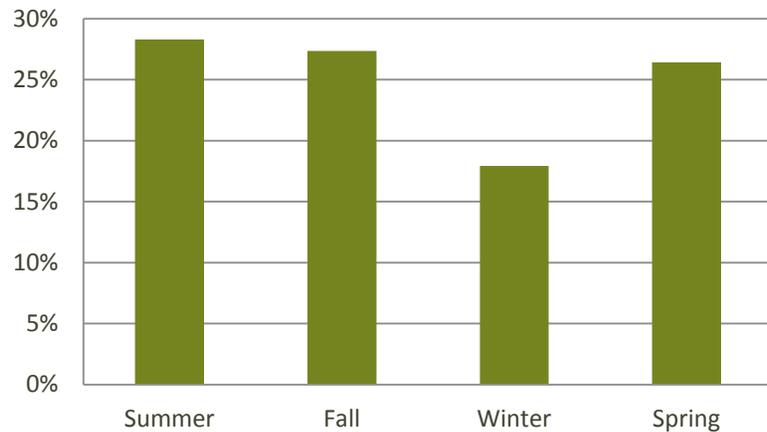


MARINE DRIVE TRAIL – SURVEY DATA SUMMARY

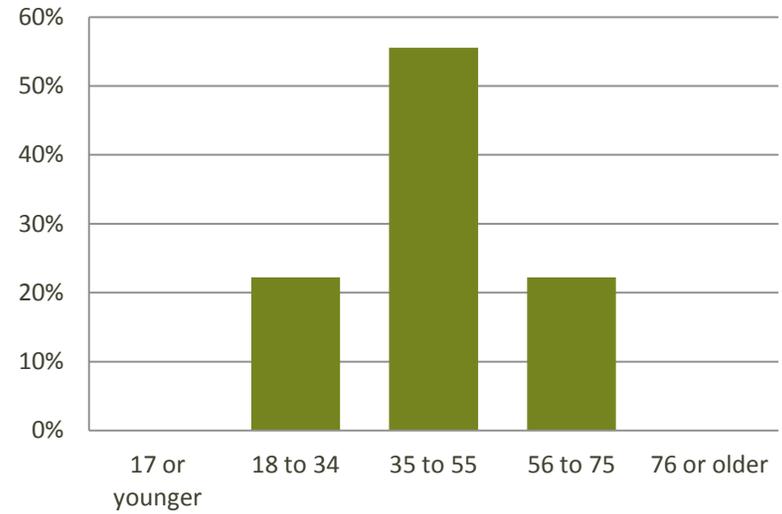
How often people on bikes use this trail



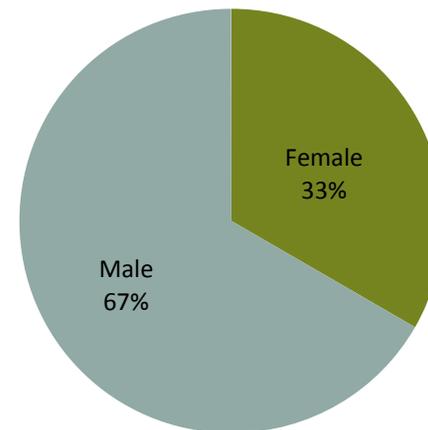
Seasons that people on bikes use this trail



Ages of people on bikes surveyed this trail



Gender of people on bikes surveyed using this trail

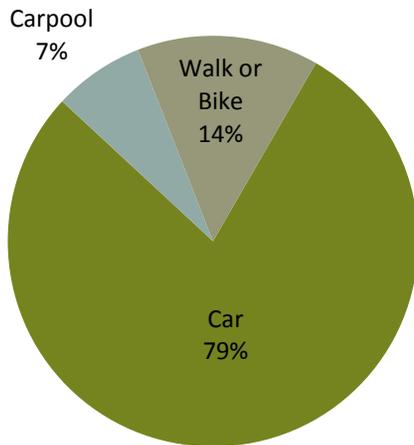


MARINE DRIVE TRAIL – SURVEY DATA SUMMARY

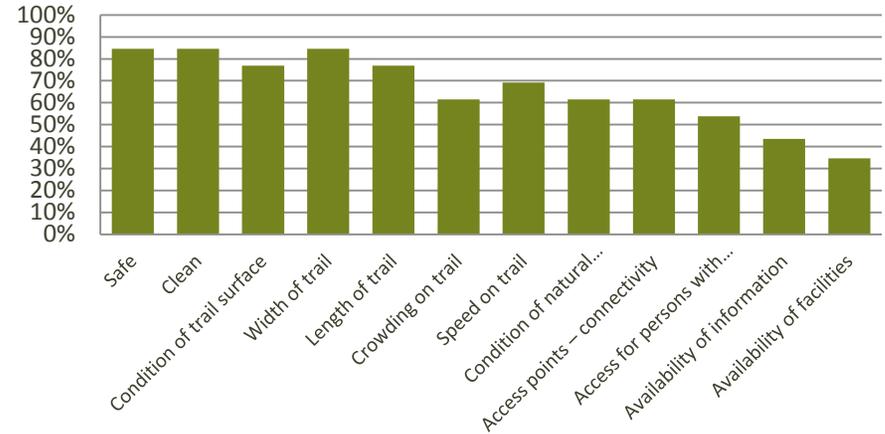
Why walkers use the trail



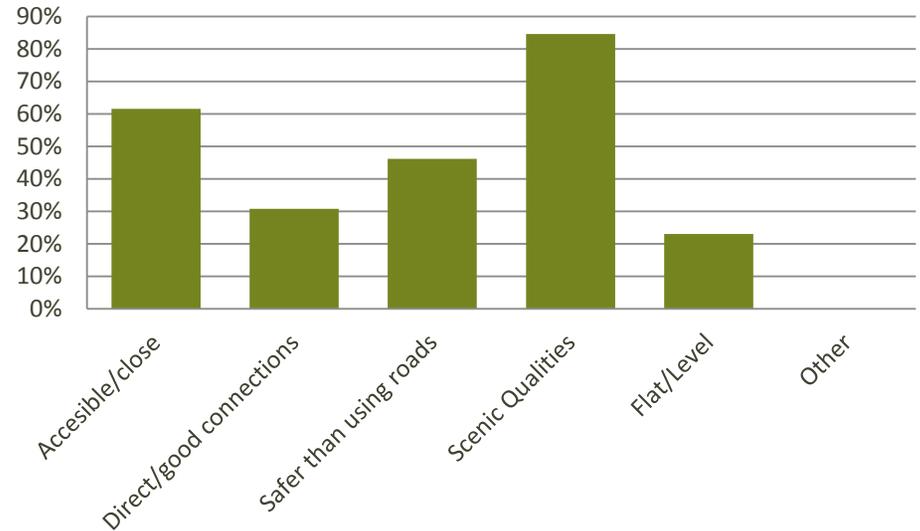
How walkers get to the trail



Share of responses by people walking with "Good" or "Excellent" ratings of the trail attributes

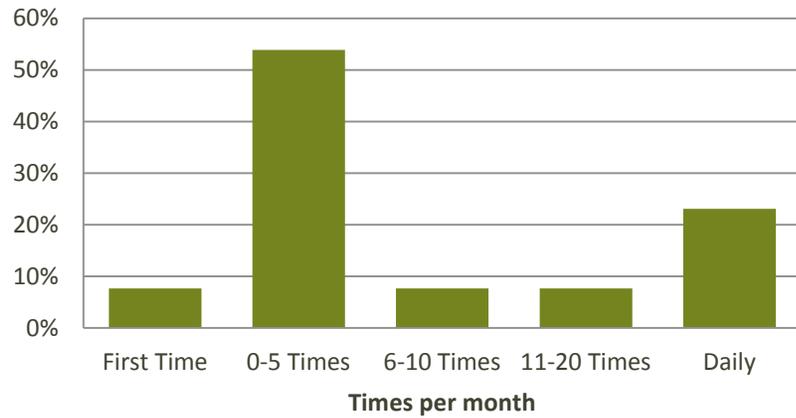


Why walkers use this trail instead of walking elsewhere

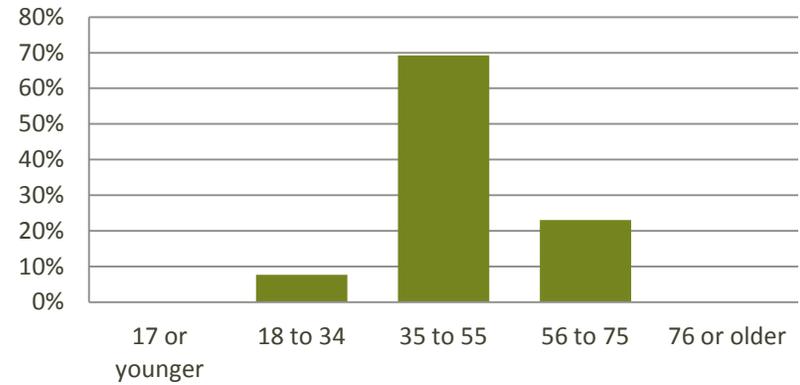


MARINE DRIVE TRAIL – SURVEY DATA SUMMARY

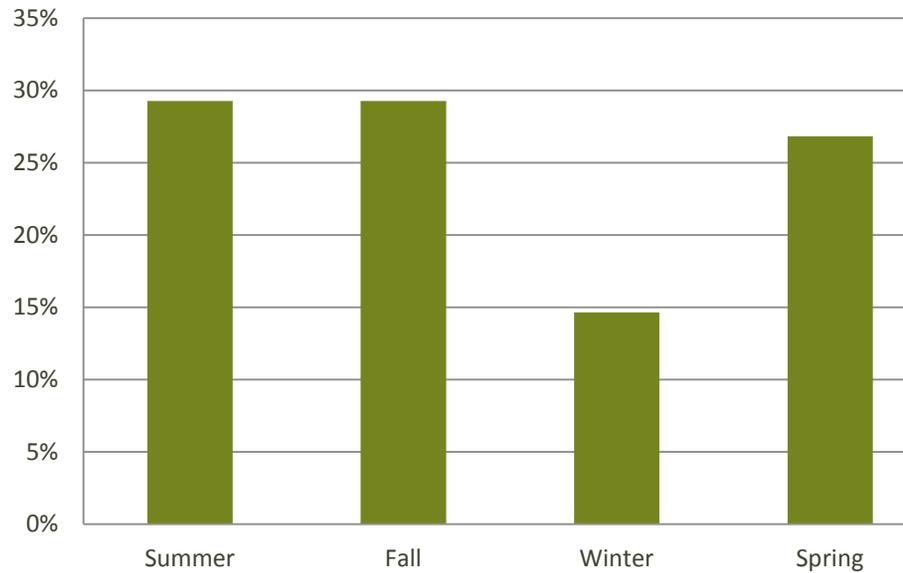
How often walkers use this trail



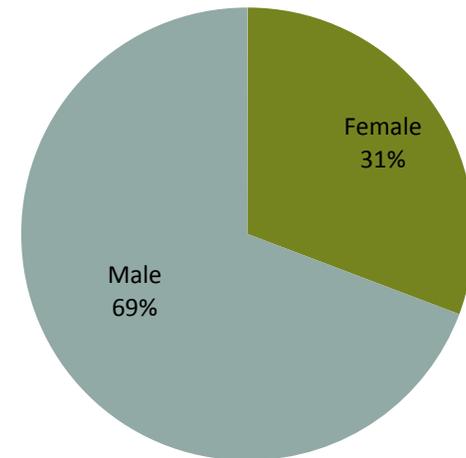
Ages of walkers surveyed on this trail



Seasons that walkers use this trail



Gender of walkers surveyed on this trail

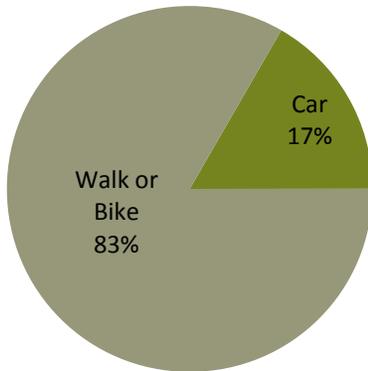


MARINE DRIVE TRAIL – SURVEY DATA SUMMARY

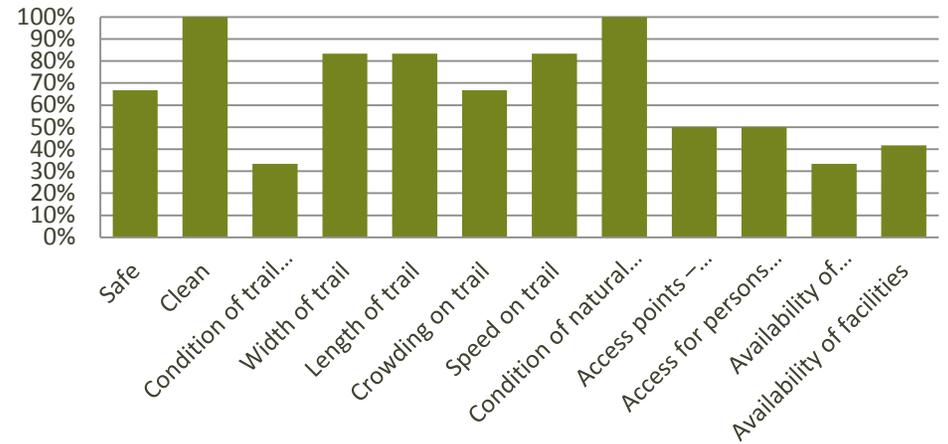
Why joggers use the trail



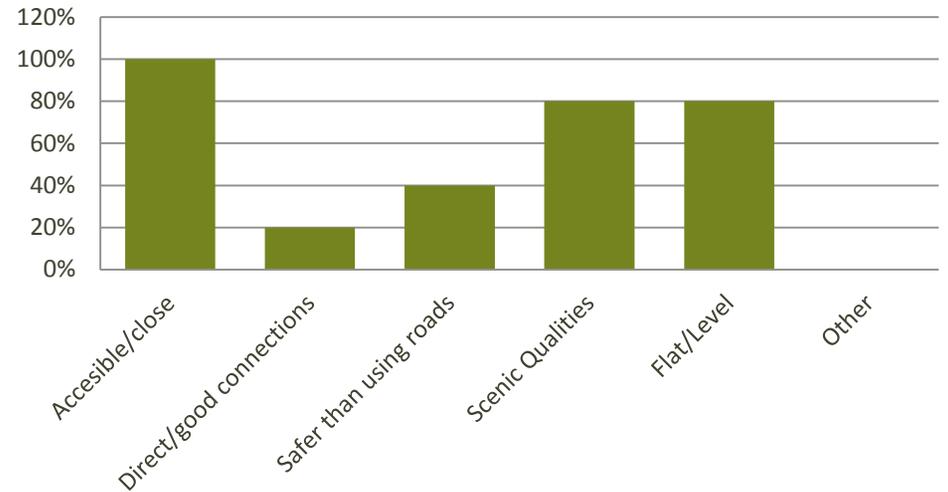
How joggers get to the trail



Share of responses by joggers with "Good" or "Excellent" ratings of the trail attributes

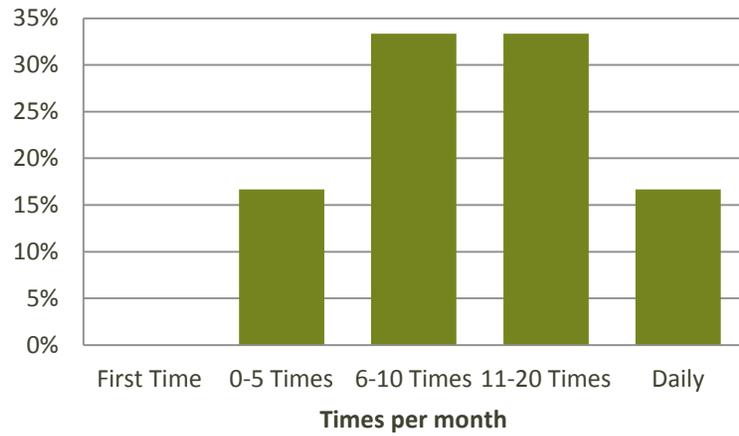


Why joggers use this trail instead of jogging elsewhere

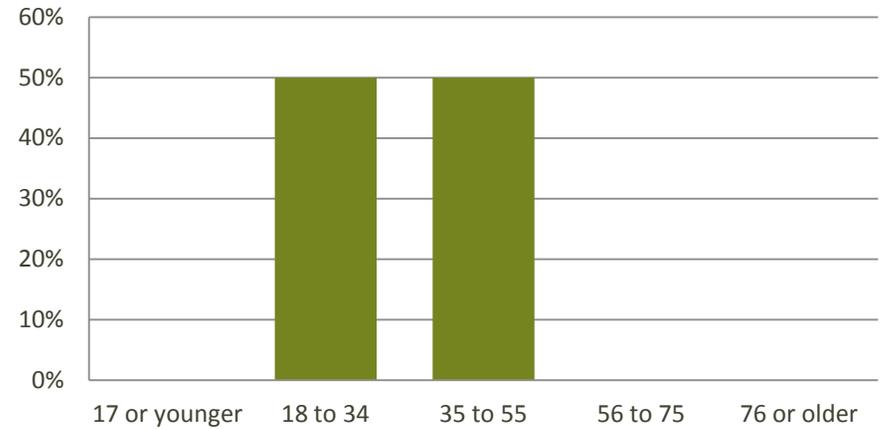


MARINE DRIVE TRAIL – SURVEY DATA SUMMARY

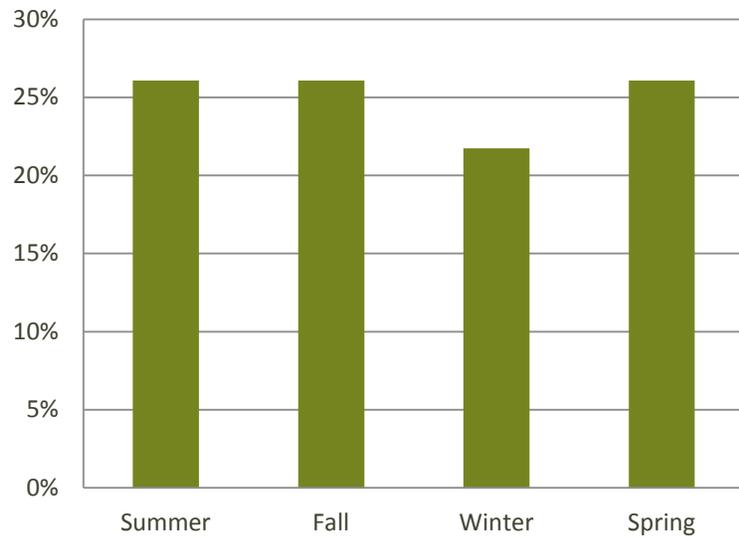
How often joggers use this trail



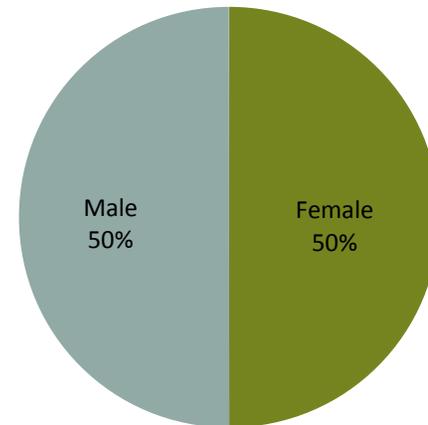
Ages of joggers surveyed on this trail



Seasons that joggers use this trail

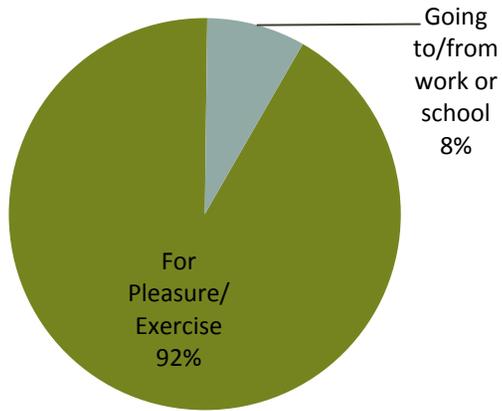


Gender of joggers surveyed on this trail

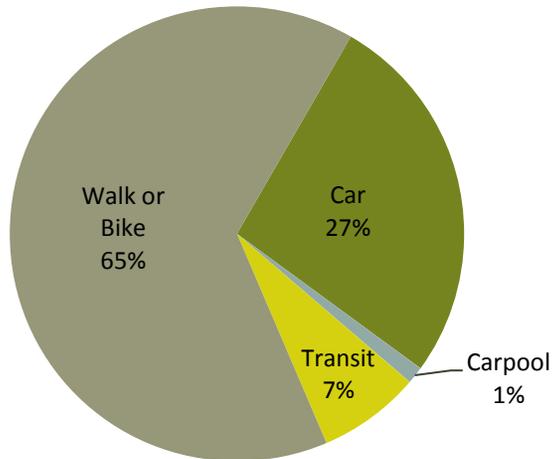


MARINE DRIVE TRAIL – SURVEY DATA SUMMARY

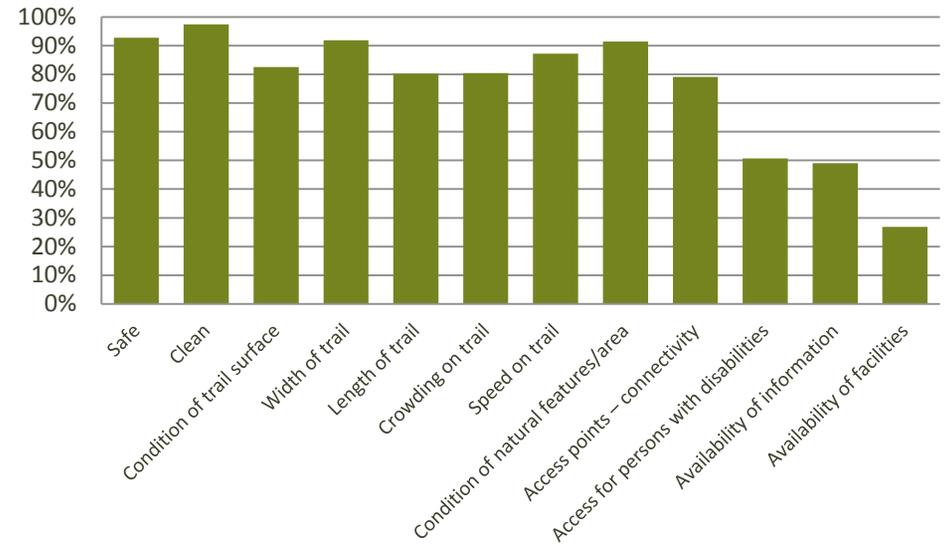
Why people use this trail



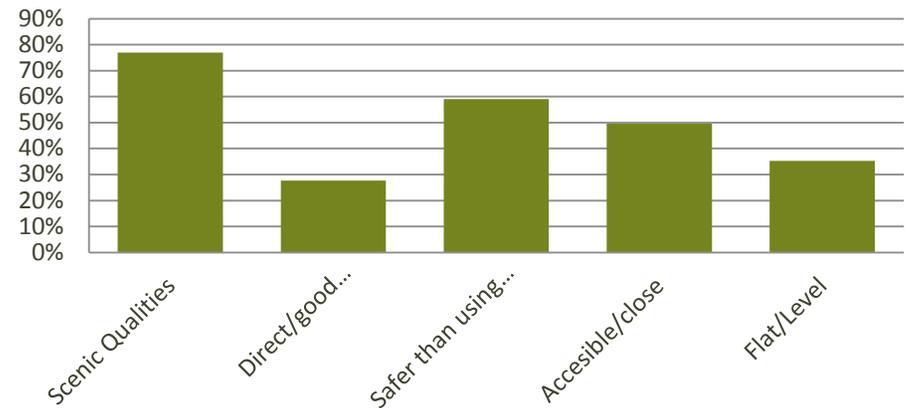
How people get to this trail



Share of responses with "Good" or "Excellent" ratings of the trail attributes

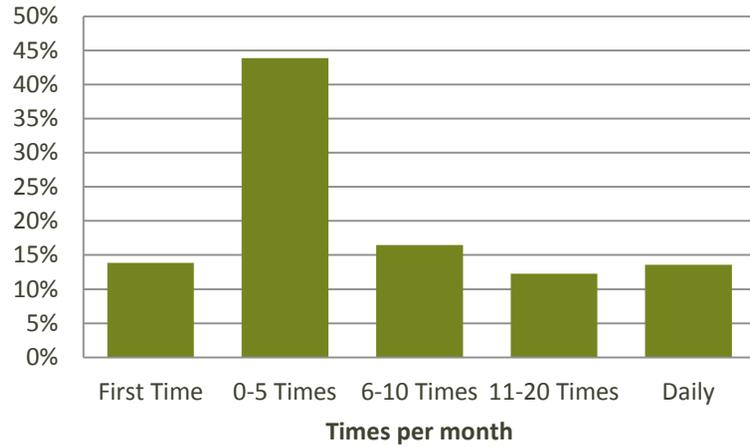


Why people use this trail instead of biking or walking elsewhere

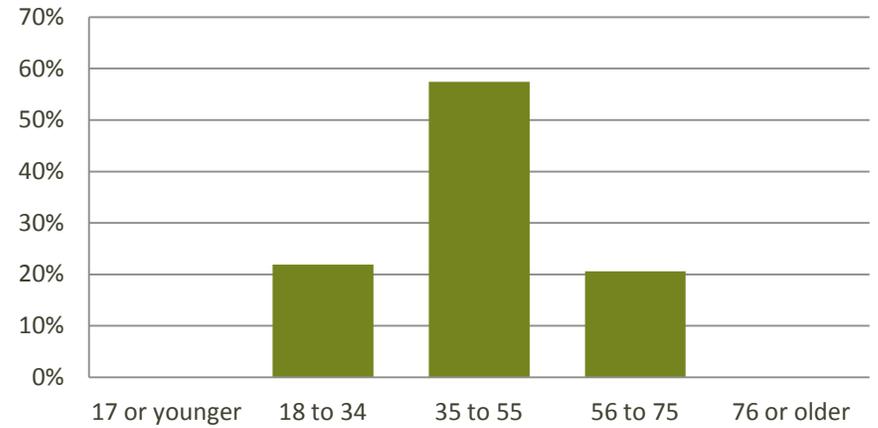


MARINE DRIVE TRAIL – SURVEY DATA SUMMARY

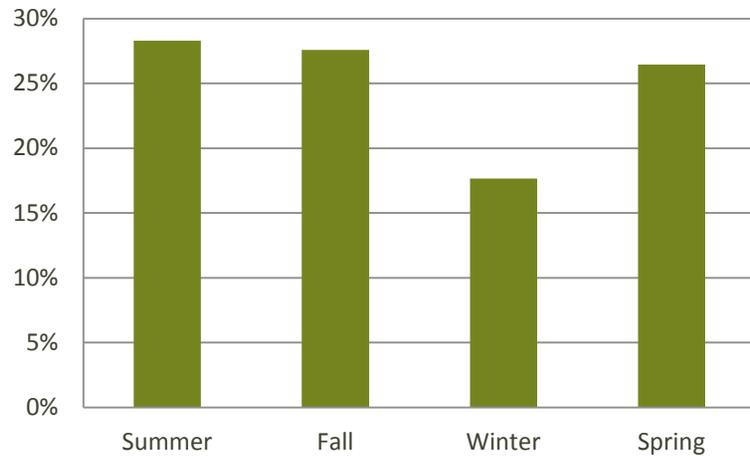
How often people use this trail



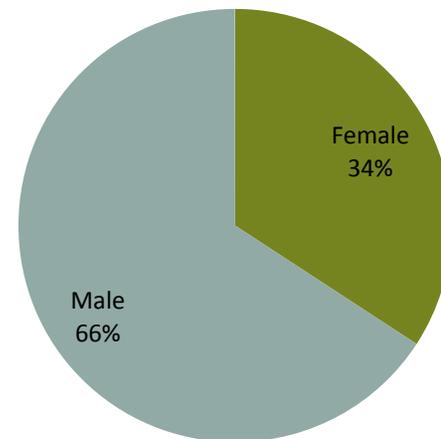
Ages of trail users surveyed



Seasons that people use this trail



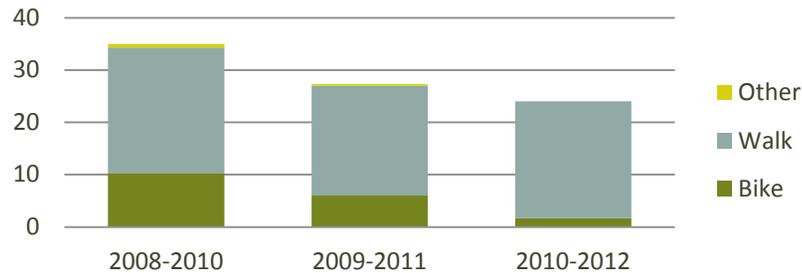
Gender of trail users surveyed



NORTH PORTLAND WILLAMETTE GREENWAY TRAIL

Annual Count Data (Average 2 hour peak counts)	2008	2009	2010	2011	2012
Site 32 – Weekday					
Bike	-	13	5	0	0
Walk	-	19	34	10	23
Other	-	1	0	0	0
Total	-	33	39	10	23

Average 2 Hour Peak Usage by Mode



Estimated Average Usage

(2010-2012 rolling average, all user types)

DAILY: 220
WEEKLY: 1,500
MONTHLY: 7,000
YEARLY: 80,000

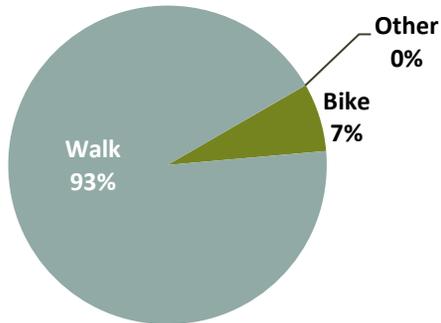


Survey sample size	
Walking	16
Biking*	2
Jogging*	0
Other	5
Total	23

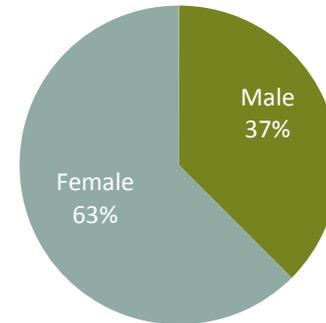
* insufficient number of surveys collected for analysis

NORTH PORTLAND WILLAMETTE GREENWAY TRAIL – COUNT DATA SUMMARY

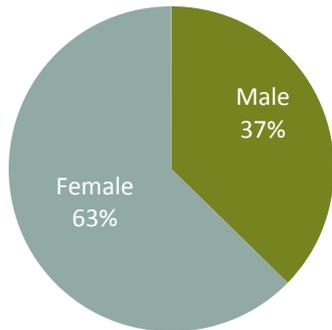
2010-2012 Mode Split



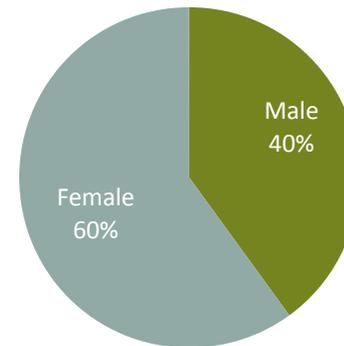
2010-2012 Observed Gender - All Users



2010-2012 Observed Gender - Pedestrians

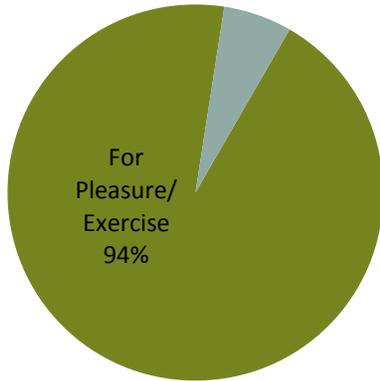


2010-2012 Observed Gender - Bicyclists

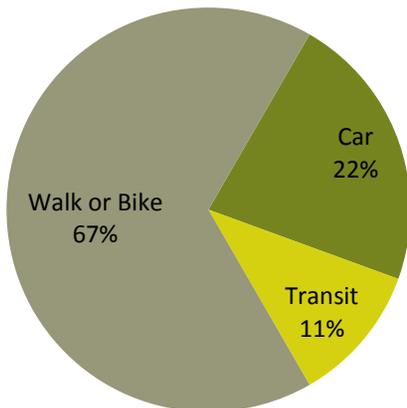


NORTH PORTLAND WILLAMETTE GREENWAY TRAIL – SURVEY DATA SUMMARY

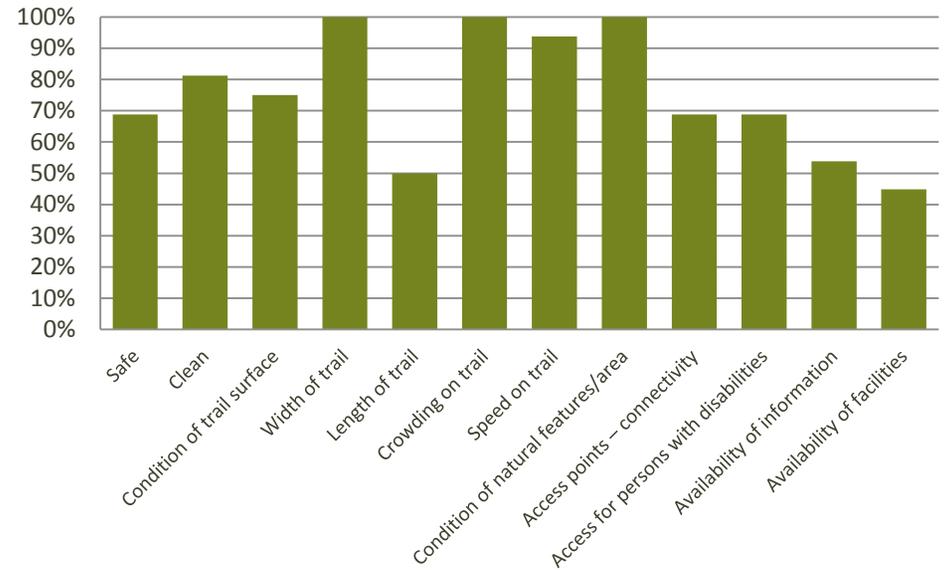
Why walkers use the trail



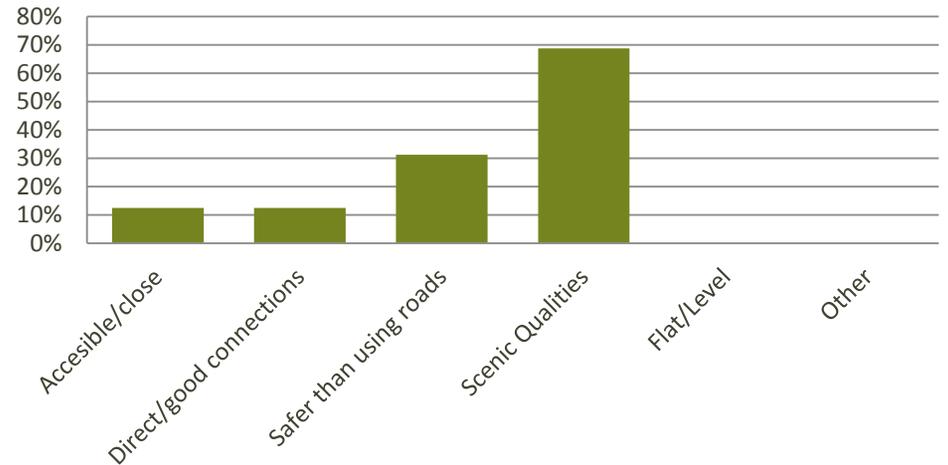
How walkers get to the trail



Share of responses by people walking with "Good" or "Excellent" ratings of the trail attributes

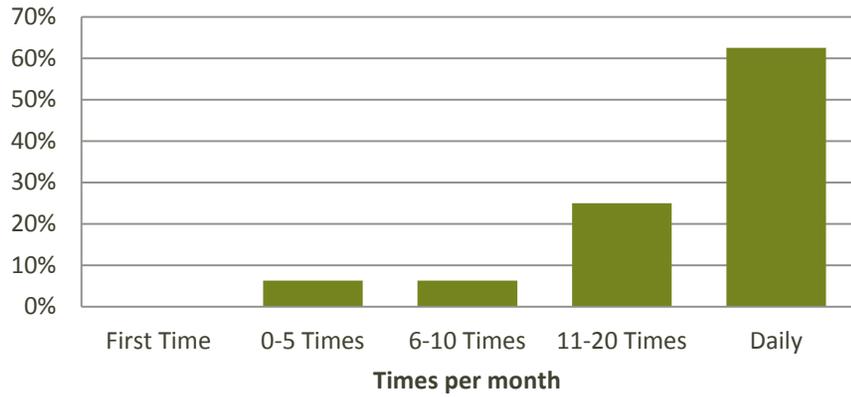


Why walkers use this trail instead of walking elsewhere

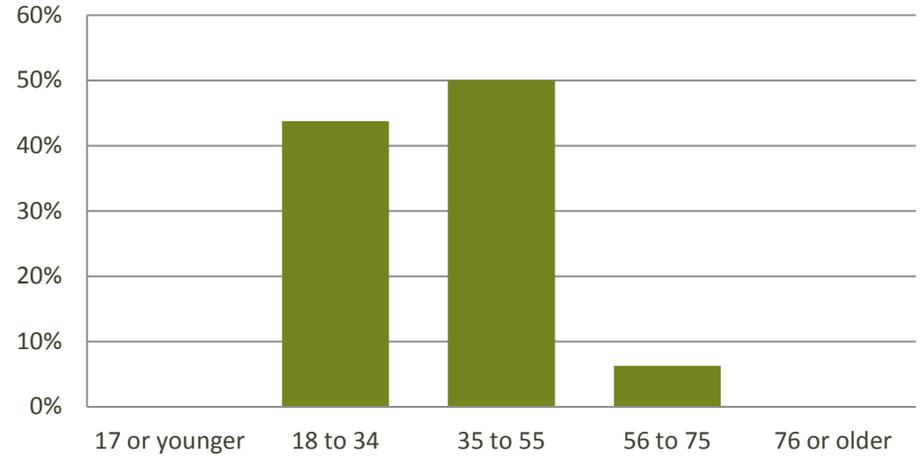


NORTH PORTLAND WILLAMETTE GREENWAY TRAIL – SURVEY DATA SUMMARY

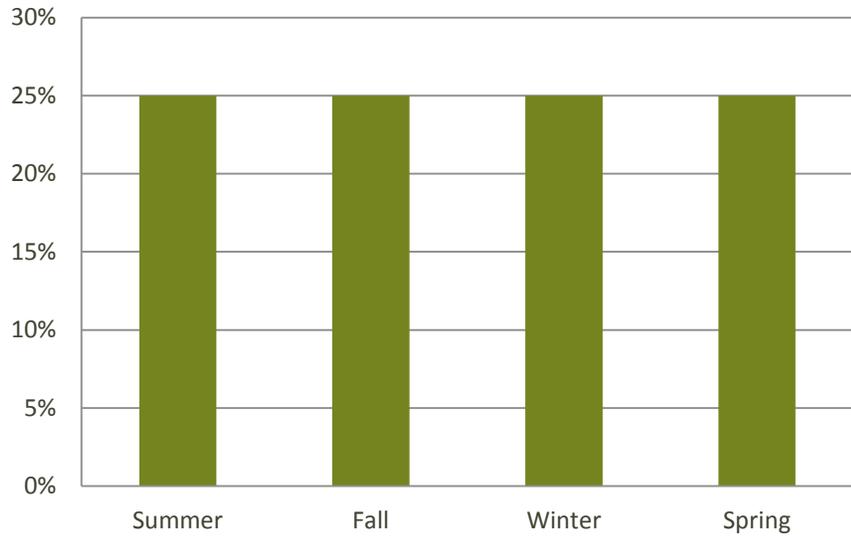
How often walkers use this trail



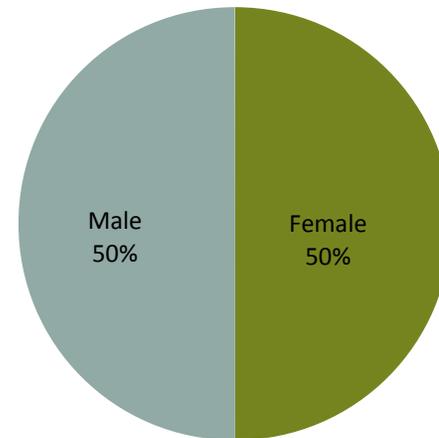
Ages of walkers surveyed on this trail



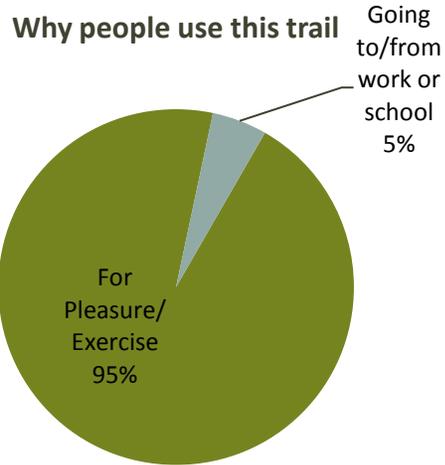
Seasons that walkers use this trail



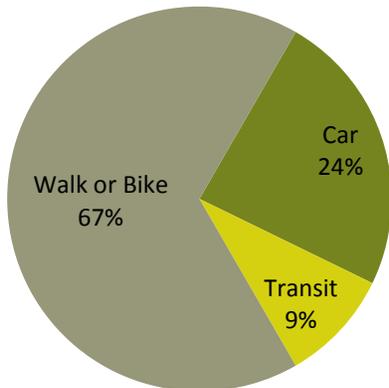
Gender of walkers surveyed on this trail



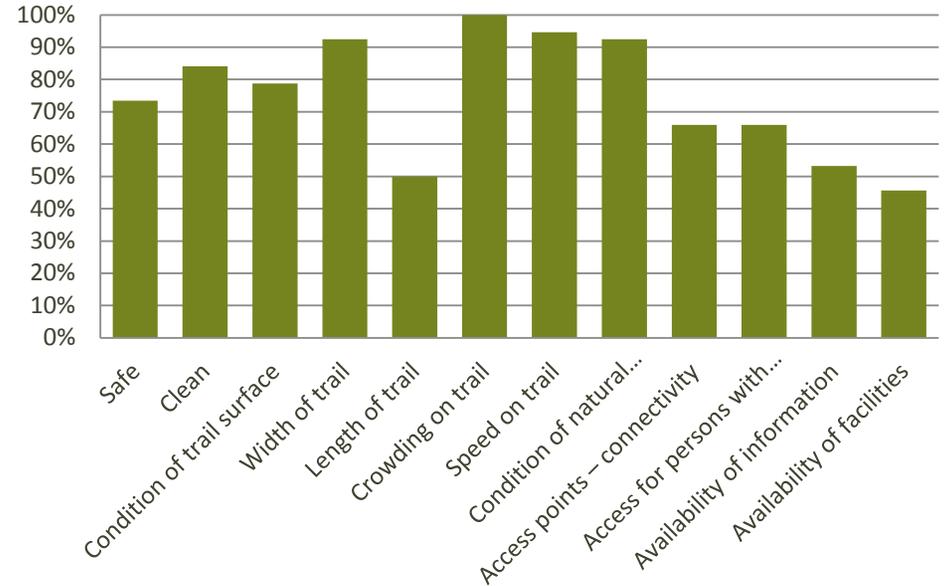
NORTH PORTLAND WILLAMETTE GREENWAY TRAIL – SURVEY DATA SUMMARY



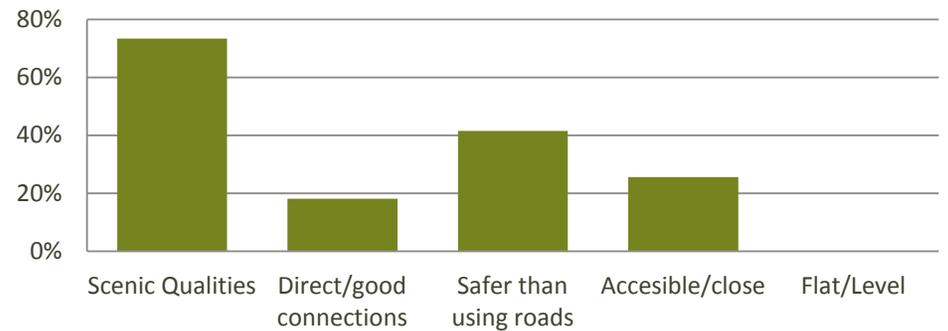
How people get to this trail



Share of responses with "Good" or "Excellent" ratings of the trail attributes

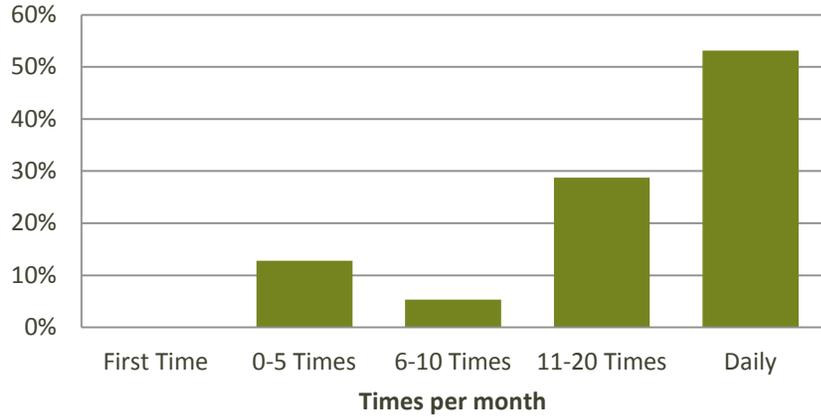


Why people use this trail instead of biking or walking elsewhere

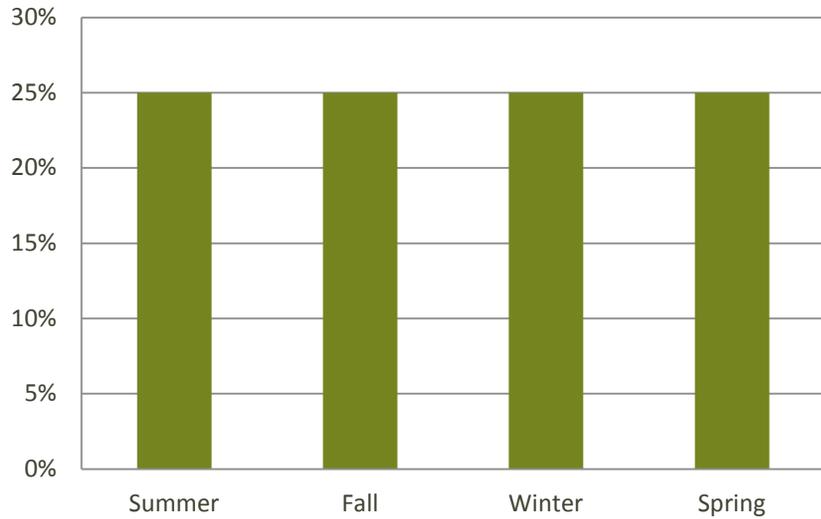


NORTH PORTLAND WILLAMETTE GREENWAY TRAIL – SURVEY DATA SUMMARY

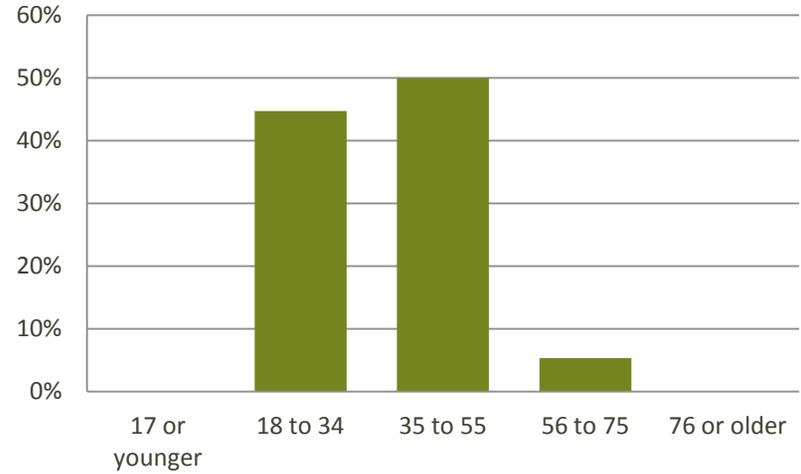
How often people use this trail



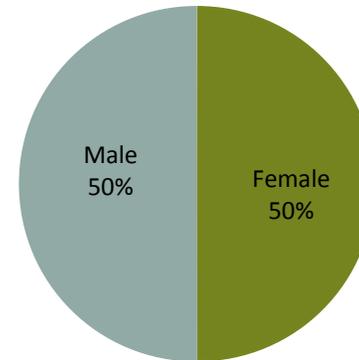
Seasons that people use this trail



Ages of trail users surveyed



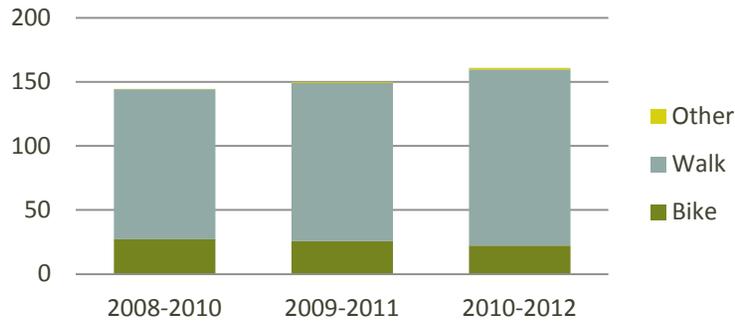
Gender of trail users surveyed



NORTHWEST PORTLAND WILLAMETTE GREENWAY TRAIL

Annual Count Data (Average 2 hour peak counts)	2008	2009	2010	2011	2012
Site 7 – Weekday					
Bike	-	29	-	-	19
Walk	-	110	-	-	151
Other	-	0	-	-	2
Total	-	139	-	-	172

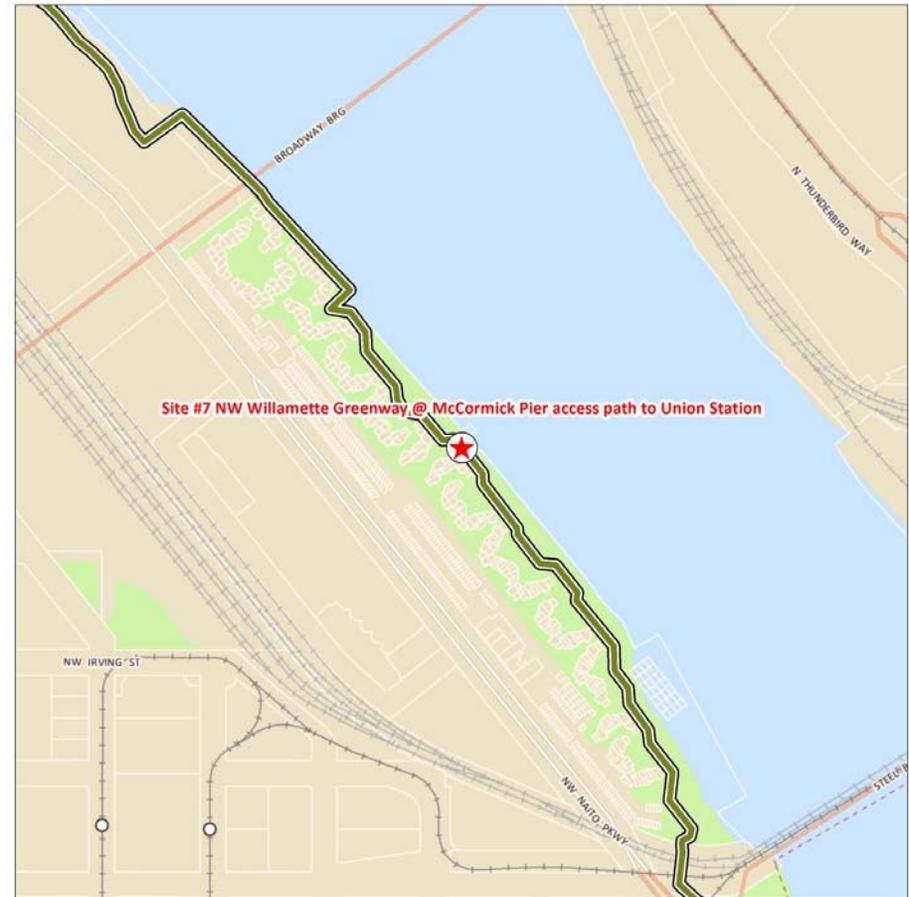
Average 2 Hour Peak Usage by Mode



Estimated Average Usage

(2010-2012 rolling average, all user types)

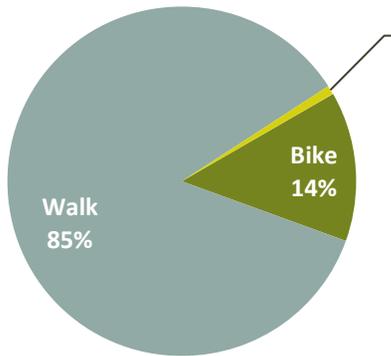
DAILY: 1,480
WEEKLY: 10,400
MONTHLY: 45,000
YEARLY: 540,000



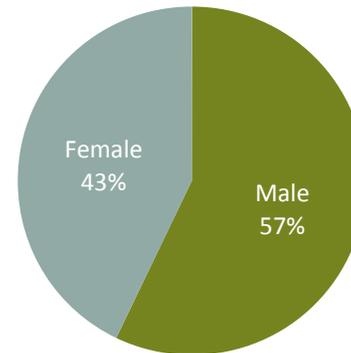
Survey sample size	
Walking	10
Biking	4
Jogging	5
Other	1
Total	20

NORTHWEST PORTLAND WILLAMETTE GREENWAY TRAIL – COUNT DATA SUMMARY

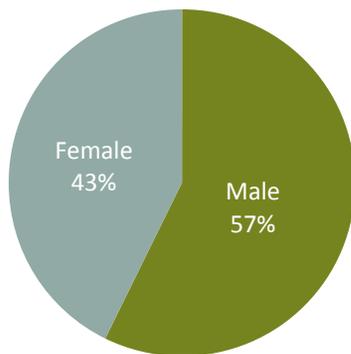
2010-2012 Mode Split



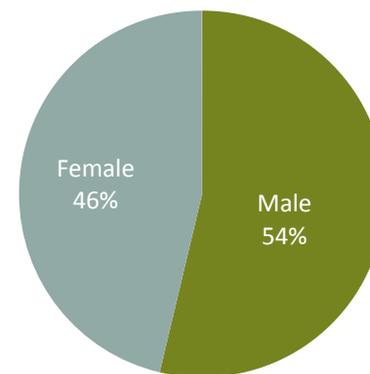
2010-2012 Observed Gender - All Users



2010-2012 Observed Gender - Pedestrians



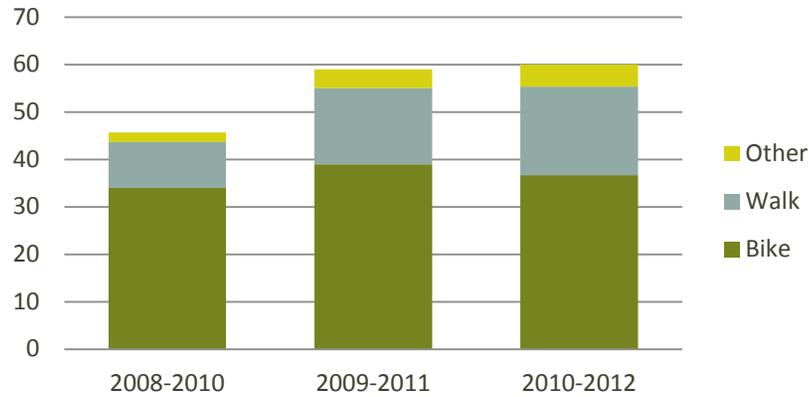
2010-2012 Observed Gender - Bicyclists



PADDEN PARKWAY TRAIL

Annual Count Data (Average 2 hour peak counts)	2008	2009	2010	2011	2012
Site 434 – Weekday					
Bike	31	53	18	46	-
Walk	5	16	8	24	-
Other	1	5	0	7	-
Total	37	74	26	77	-

Average 2 Hour Peak Usage by Mode



Estimated Average Usage

(2010-2012 rolling average, all user types)

DAILY: 550
WEEKLY: 3,900
MONTHLY: 17,000
YEARLY: 200,000

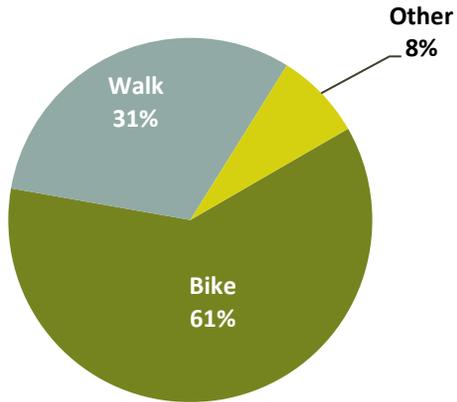


Survey sample size	
Walking	4
Biking	9
Jogging*	2
Other	0
Total	15

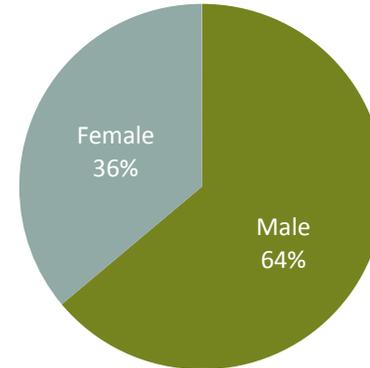
* insufficient number of surveys collected for analysis

PADDEN PARKWAY TRAIL – COUNT DATA SUMMARY

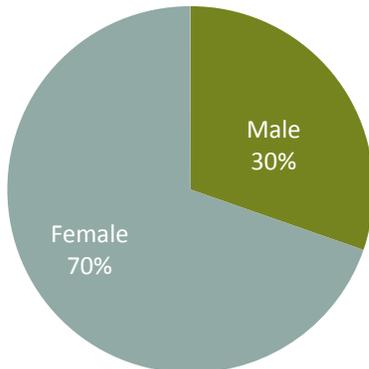
2010-2012 Mode Split



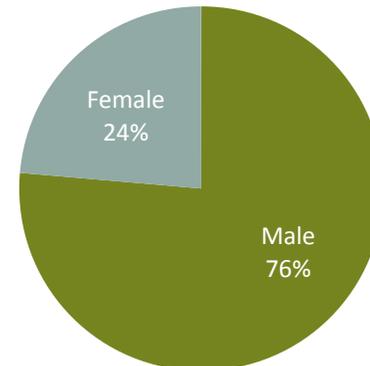
2010-2012 Observed Gender - All Users



2010-2012 Observed Gender - Pedestrians

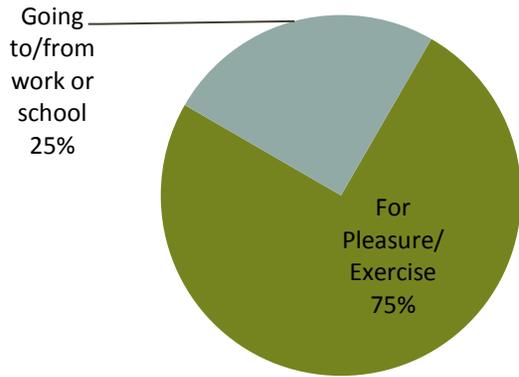


2010-2012 Observed Gender - Bicyclists

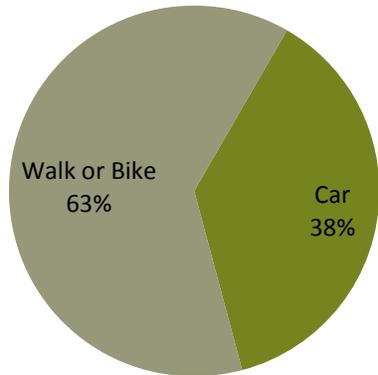


PADDEN PARKWAY TRAIL – SURVEY DATA SUMMARY

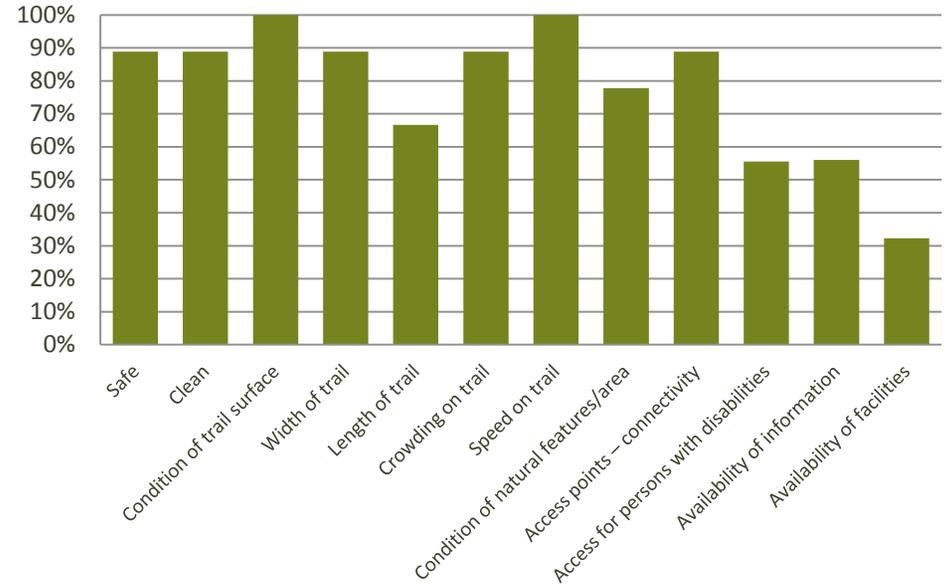
Why people on bikes use the trail



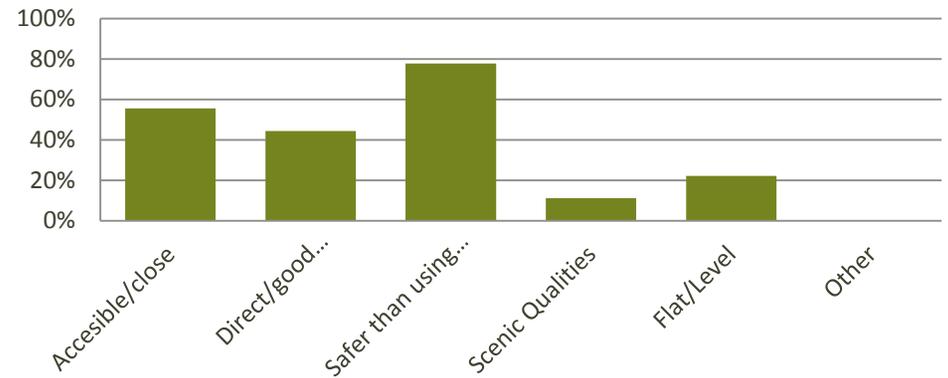
How people on bikes get to the trail



Share of responses by people on bikes with "Good" or "Excellent" ratings of the trail attributes

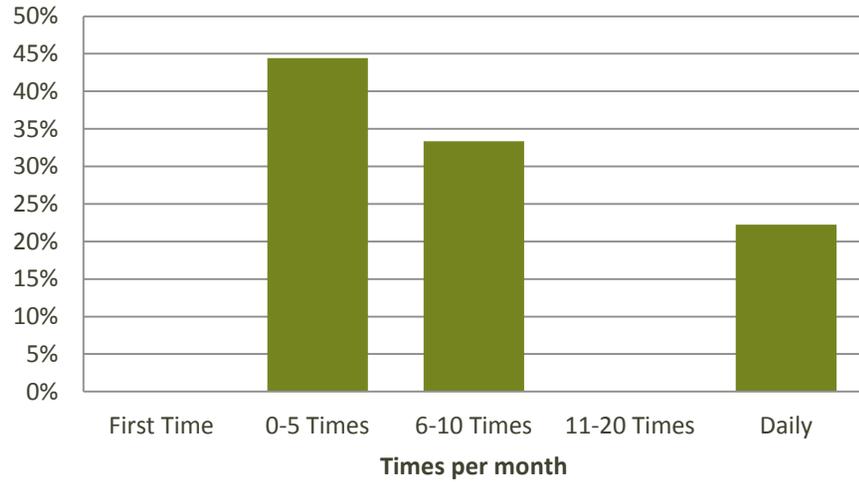


Why are people on bikes using this trail instead of riding elsewhere?

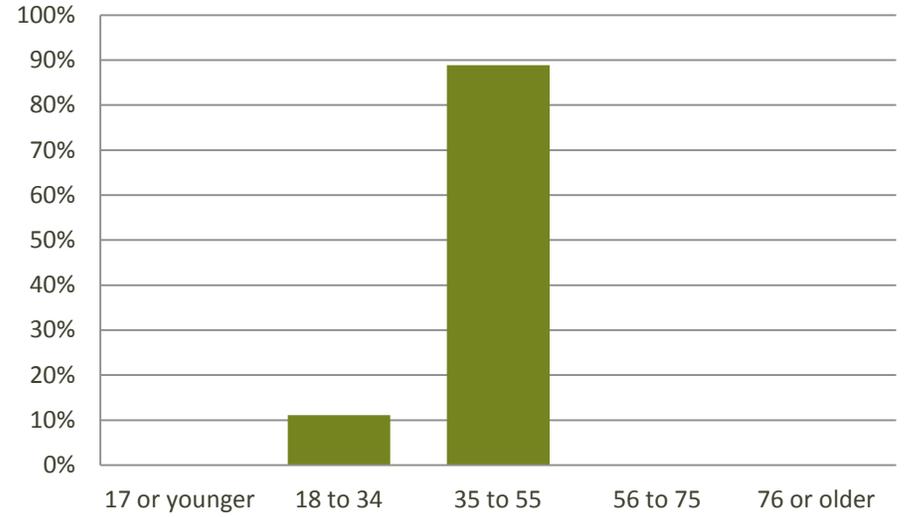


PADDEN PARKWAY TRAIL – SURVEY DATA SUMMARY

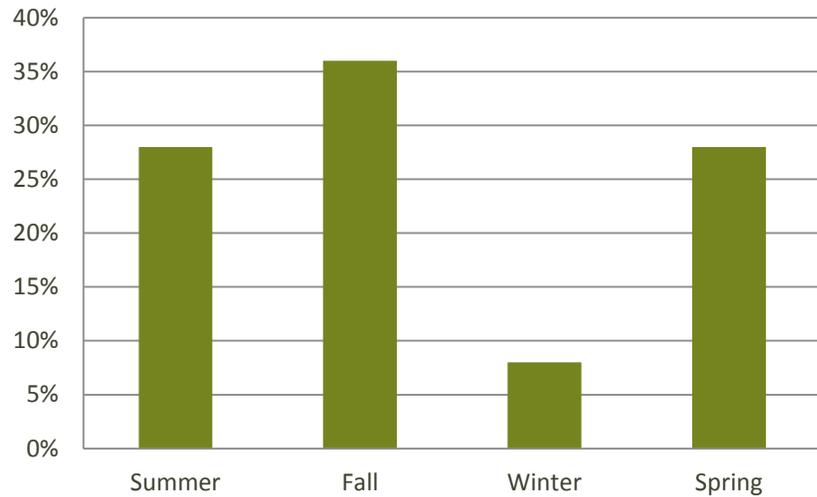
How often people on bikes use this trail



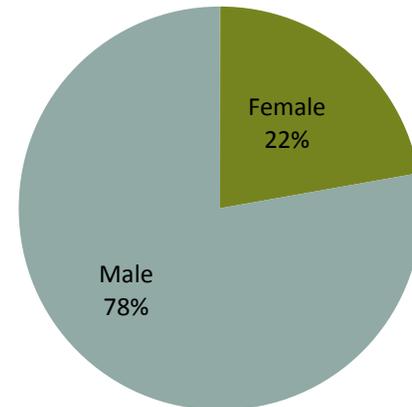
Ages of people on bikes surveyed this trail



Seasons that people on bikes use this trail

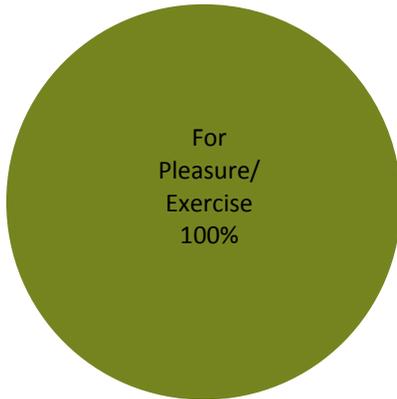


Gender of people on bikes surveyed on this trail

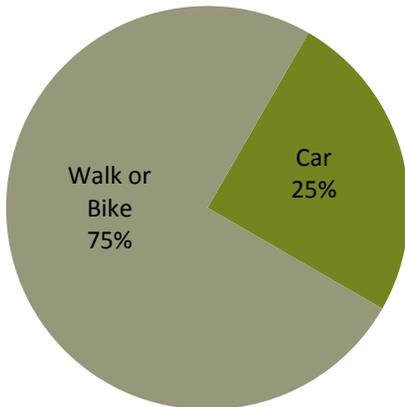


PADDEN PARKWAY TRAIL – SURVEY DATA SUMMARY

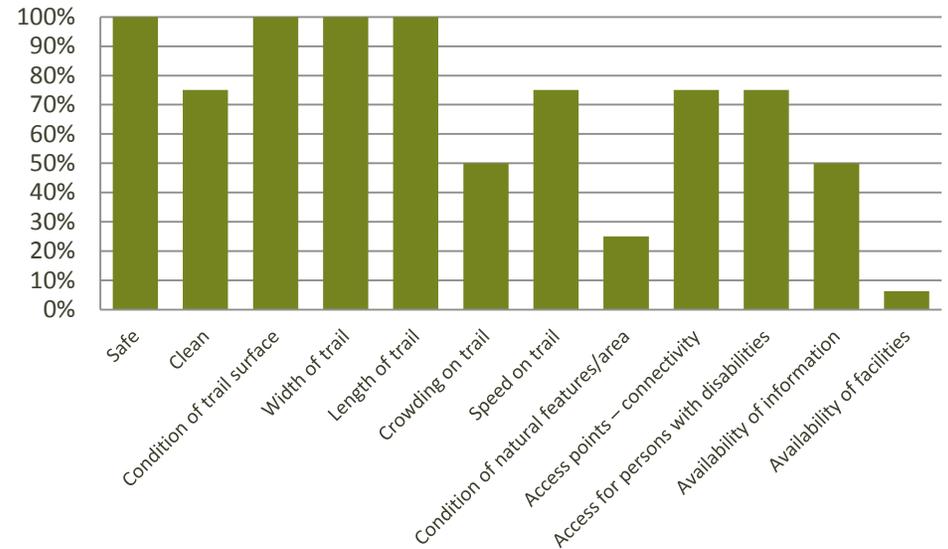
Why walkers use the trail



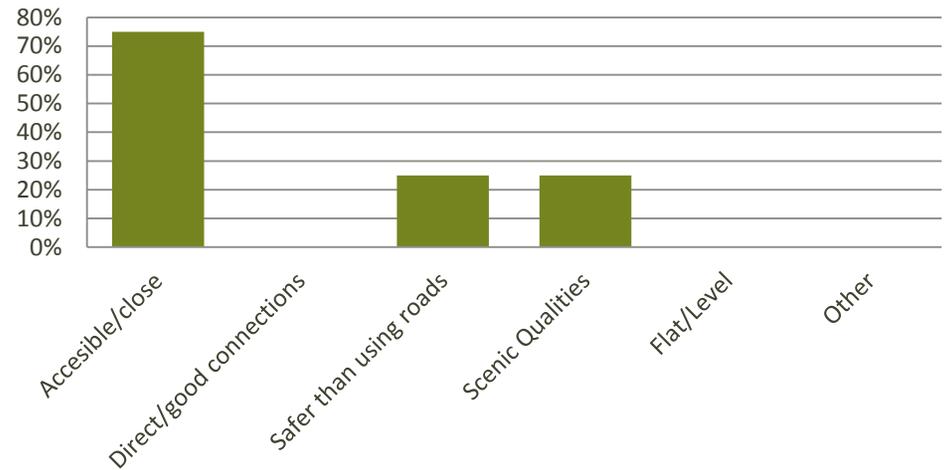
How walkers get to the trail



Share of responses by people walking with "Good" or "Excellent" ratings of the trail attributes

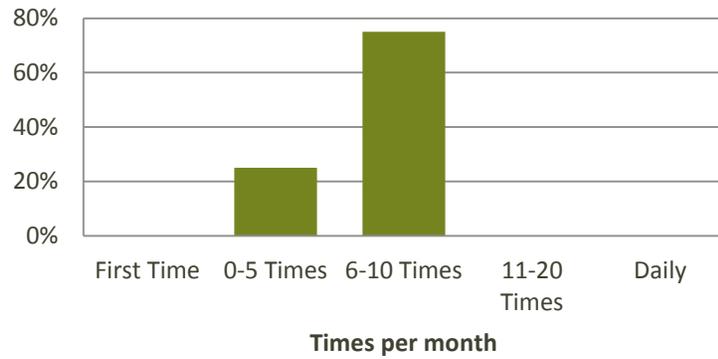


Why walkers use this trail instead of walking elsewhere

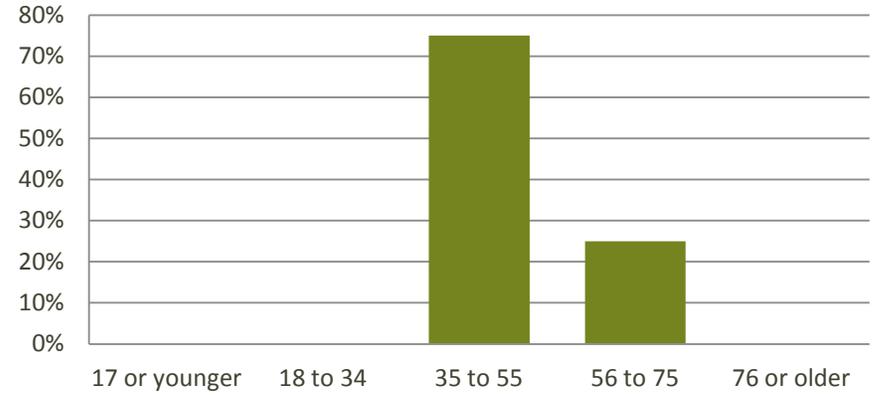


PADDEN PARKWAY TRAIL – SURVEY DATA SUMMARY

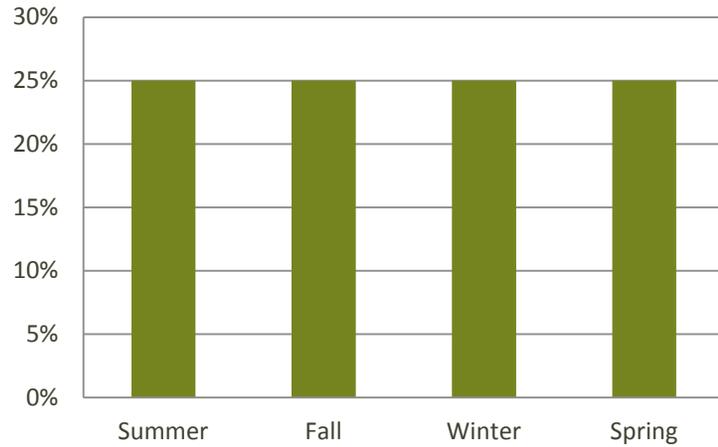
How often walkers use this trail



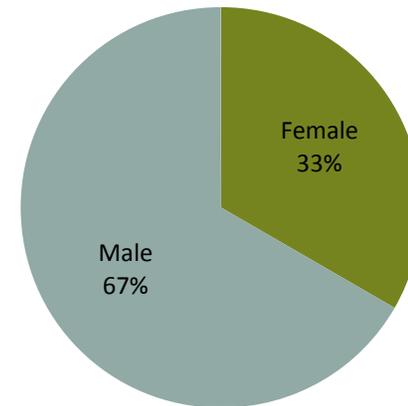
Ages of walkers surveyed this trail



Seasons that walkers use this trail

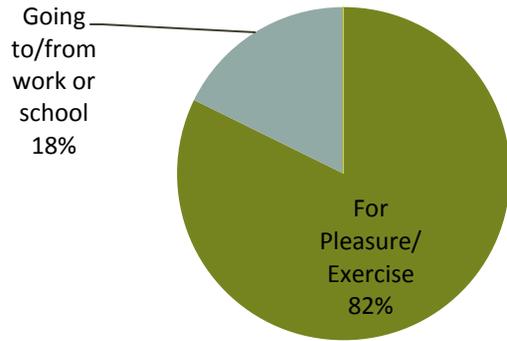


Gender of walkers surveyed this trail

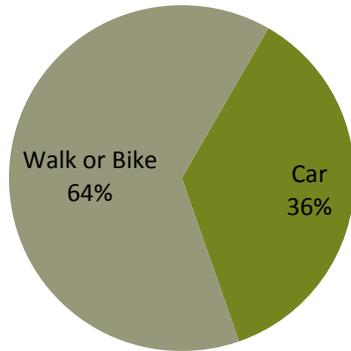


PADDEN PARKWAY TRAIL – SURVEY DATA SUMMARY

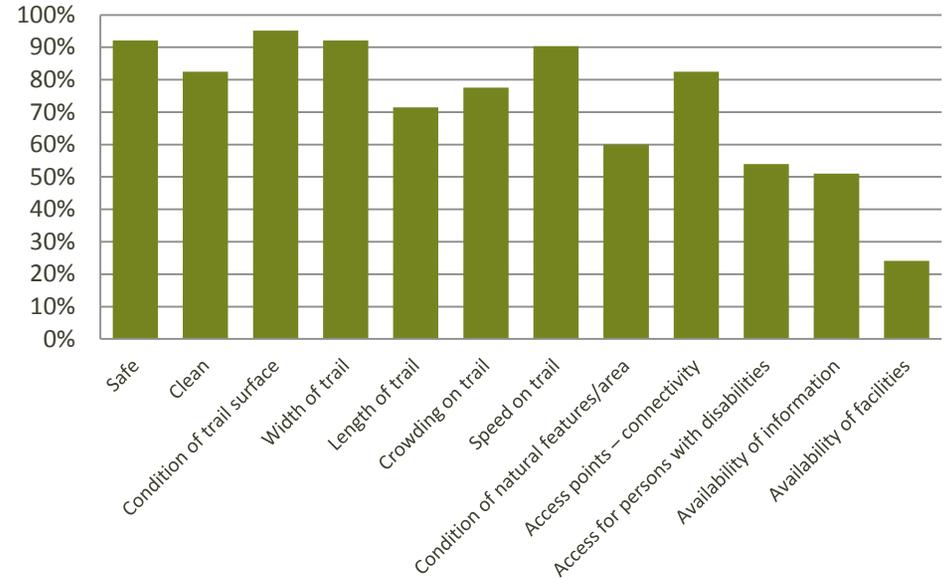
Why people use this trail



How people get to this trail



Share of responses with "Good" or "Excellent" ratings of the trail attributes

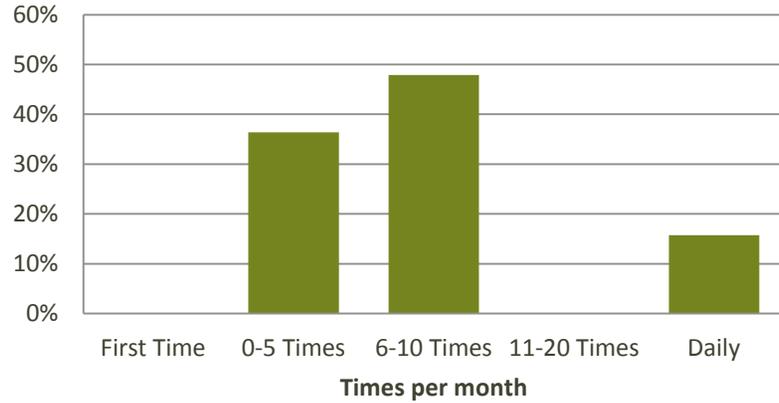


Why people use this trail instead of biking or walking elsewhere

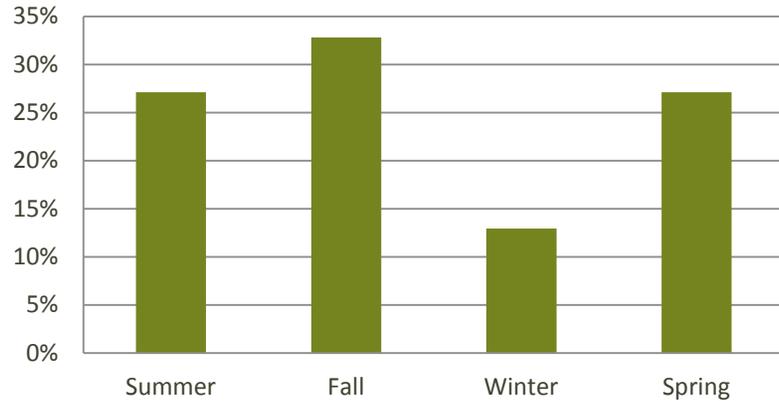


PADDEN PARKWAY TRAIL – SURVEY DATA SUMMARY

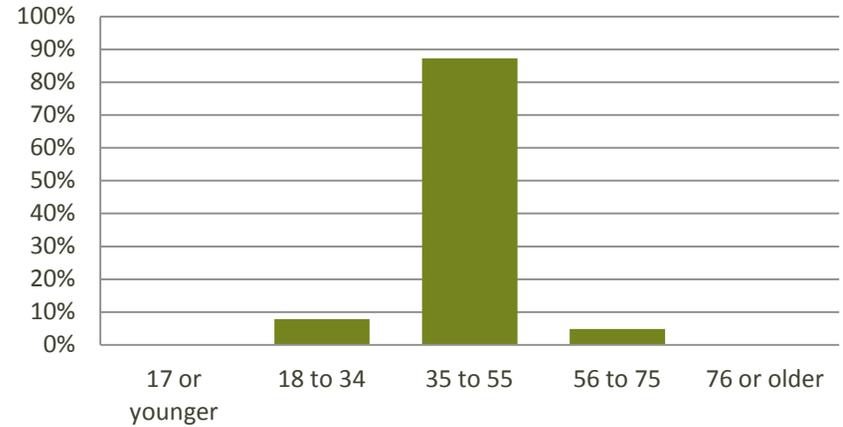
How often people use this trail



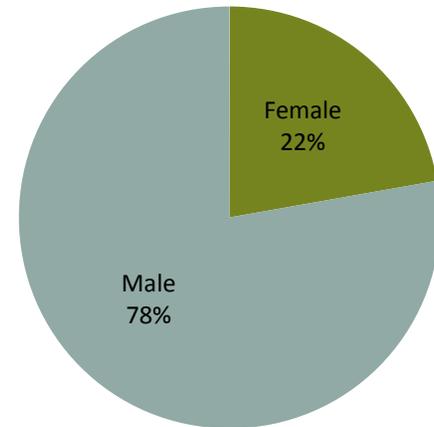
Seasons that people use this trail



Ages of trail users surveyed

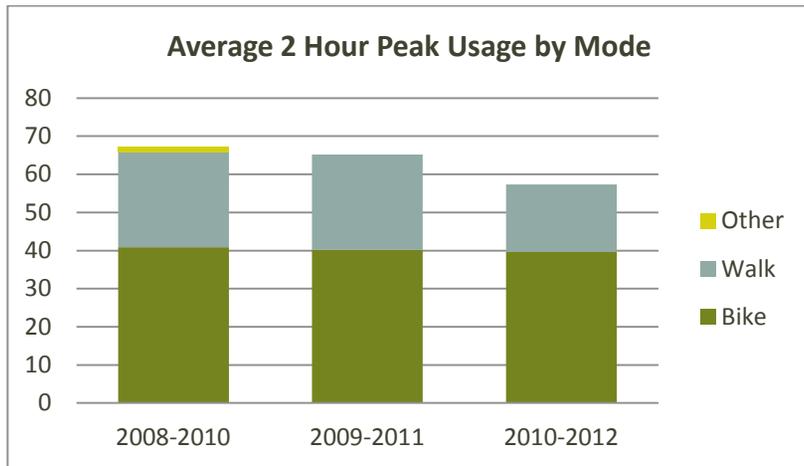


Gender of trail users surveyed



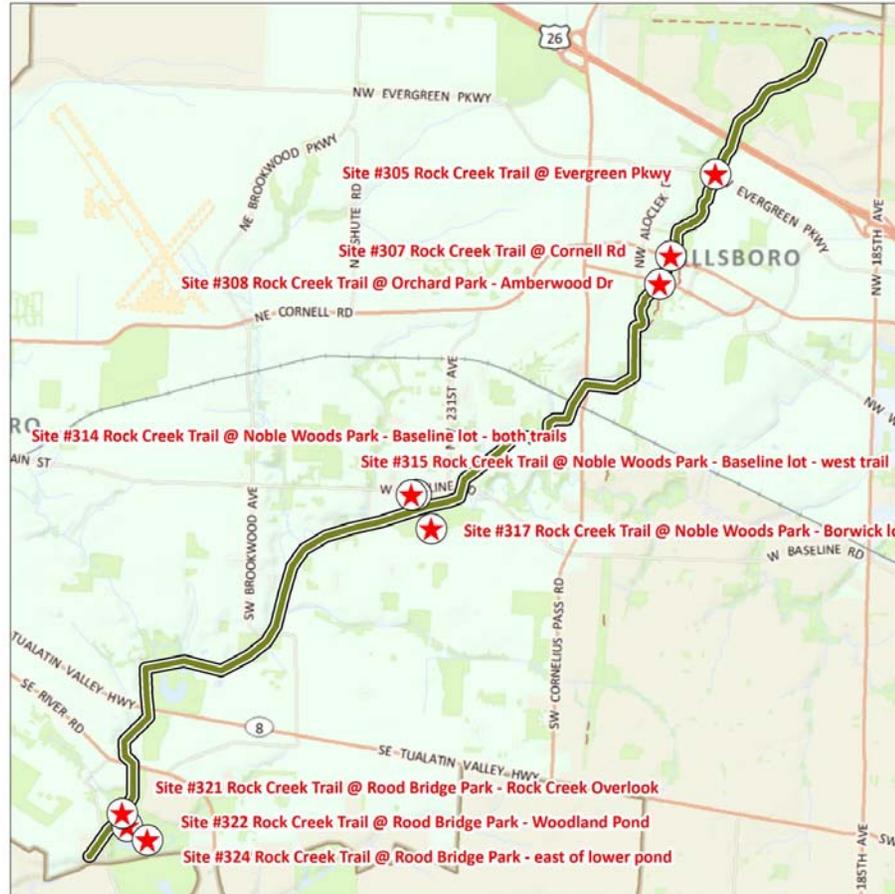
ROCK CREEK TRAIL

Annual Count Data (Average 2 hour peak counts)	2008	2009	2010	2011	2012
Site 305 – Weekday					
Bike	49	49	25	47	-
Walk	24	46	5	24	-
Other	4	0	0	0	-
Total	77	95	30	71	-



Estimated Average Usage
(2010-2012 rolling average, all user types)

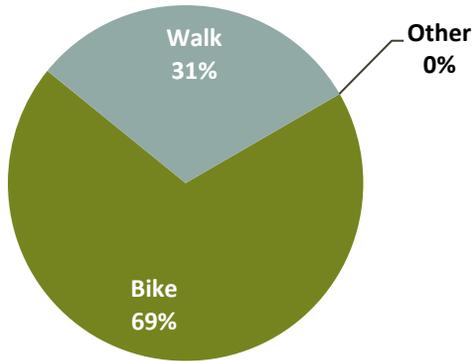
DAILY: 530
WEEKLY: 3,700
MONTHLY: 16,000
YEARLY: 190,000



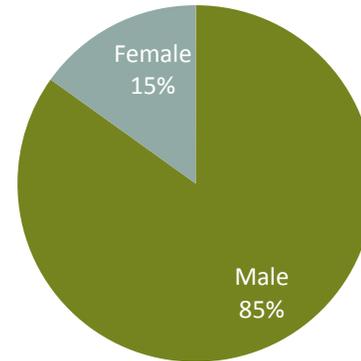
Survey sample size	
Walking	63
Biking	22
Jogging	8
Other	4
Total	97

ROCK CREEK TRAIL – COUNT DATA SUMMARY

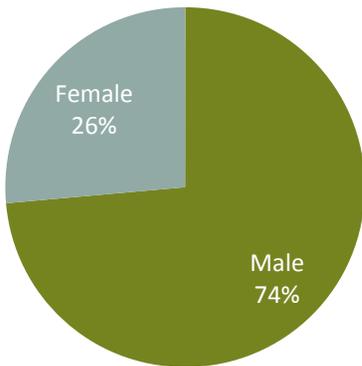
2010-2012 Mode Split



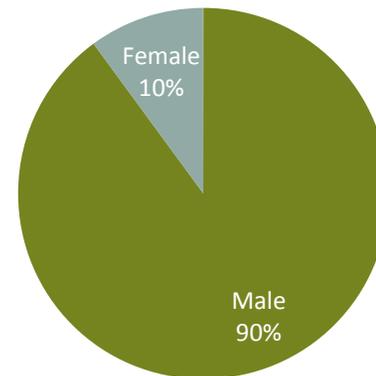
2010-2012 Observed Gender - All Users



2010-2012 Observed Gender - Pedestrians

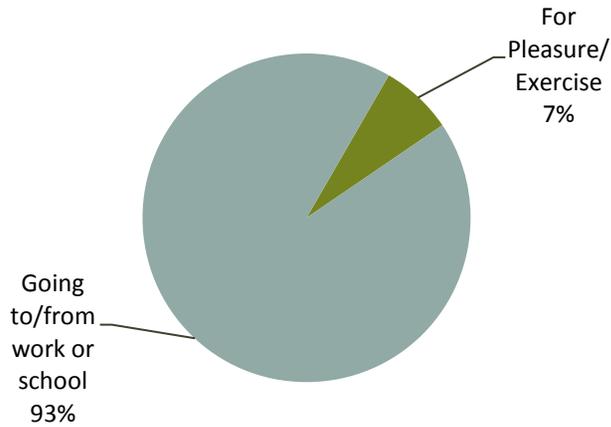


2010-2012 Observed Gender - Bicyclists

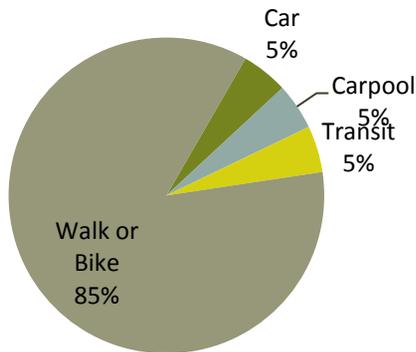


ROCK CREEK TRAIL – SURVEY DATA SUMMARY

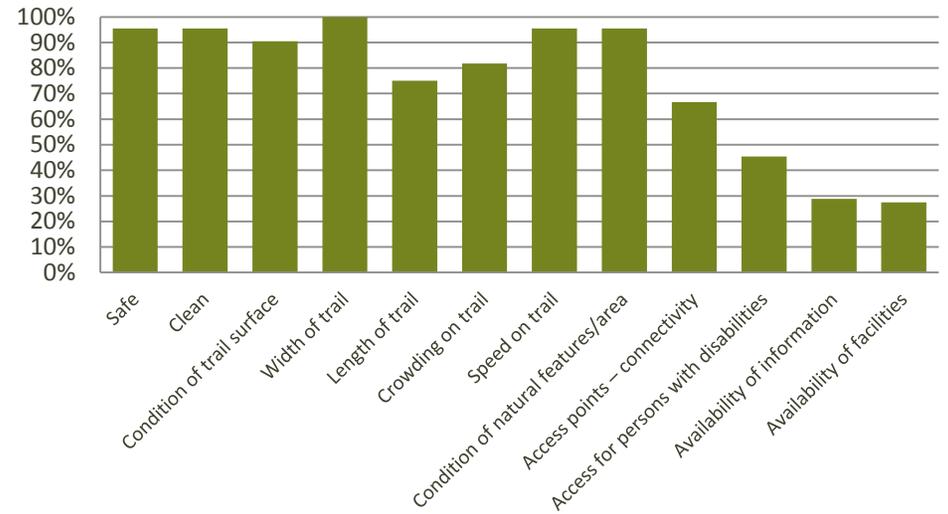
Why people on bikes use the trail



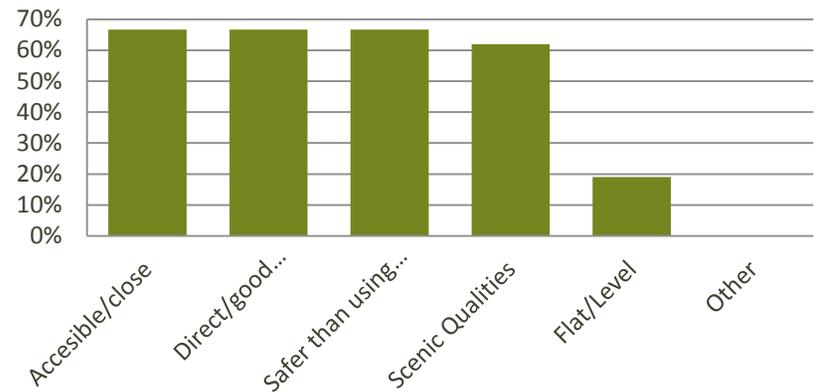
How people on bikes get to the trail



Share of responses by people on bikes with "Good" or "Excellent" ratings of the trail attributes

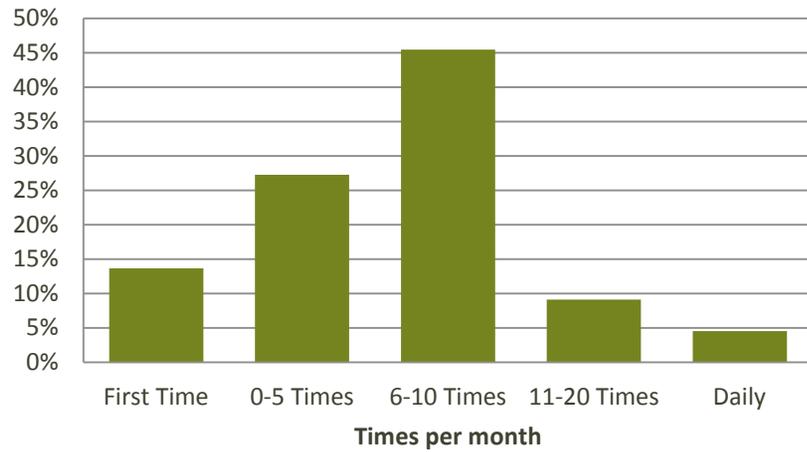


Why people on bikes use this trail instead of riding elsewhere

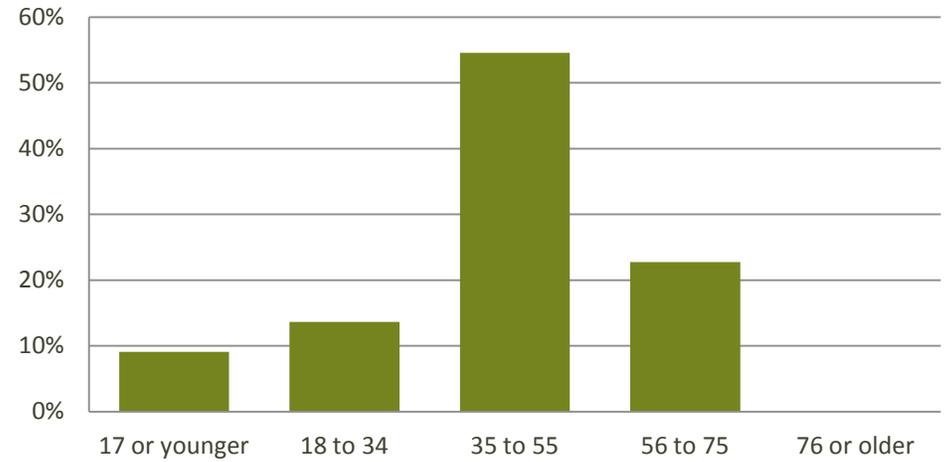


ROCK CREEK TRAIL – SURVEY DATA SUMMARY

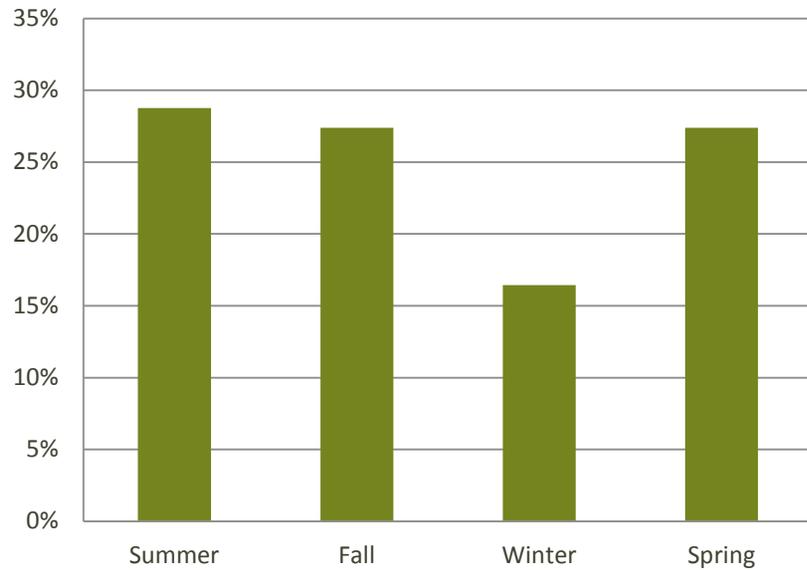
How often people on bikes use this trail



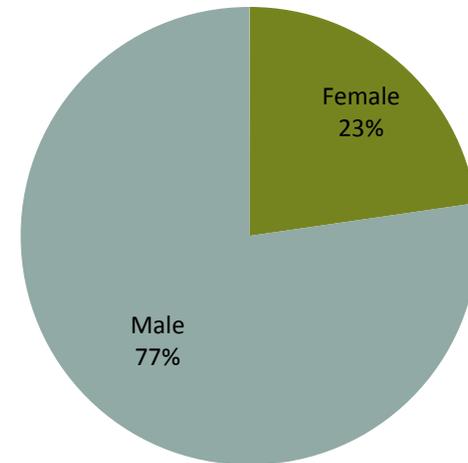
Ages of people on bikes surveyed on this trail



Seasons that people on bikes use this trail



Gender of people on bikes surveyed on this trail

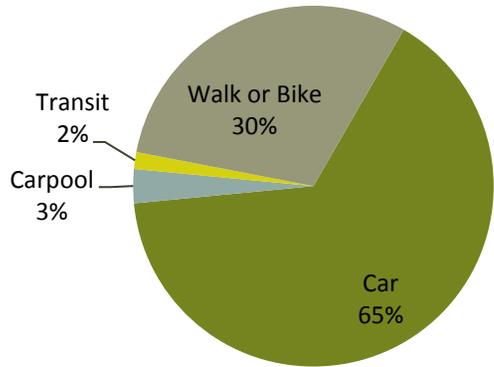


ROCK CREEK TRAIL – SURVEY DATA SUMMARY

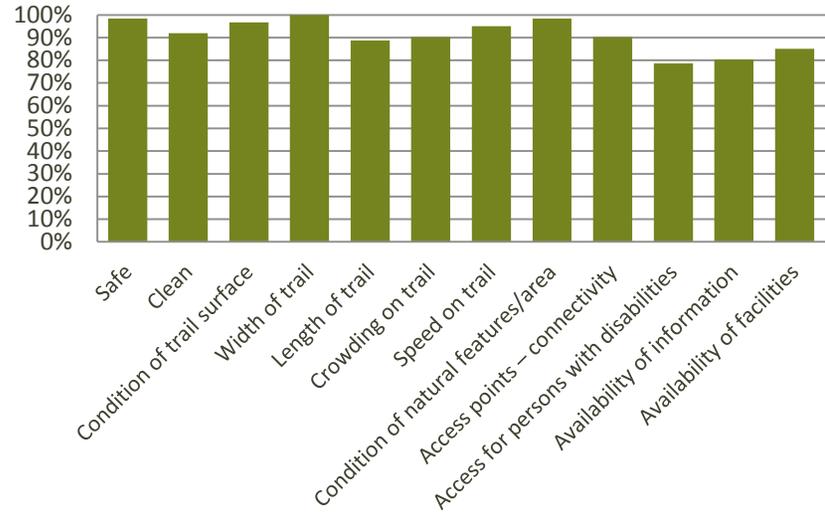
Why walkers use the trail



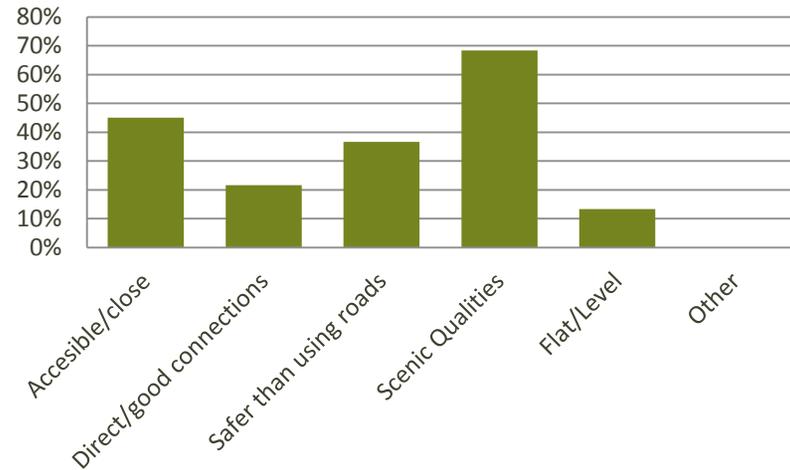
How walkers get to the trail



Share of responses by people walking with "Good" or "Excellent" ratings of the trail attributes

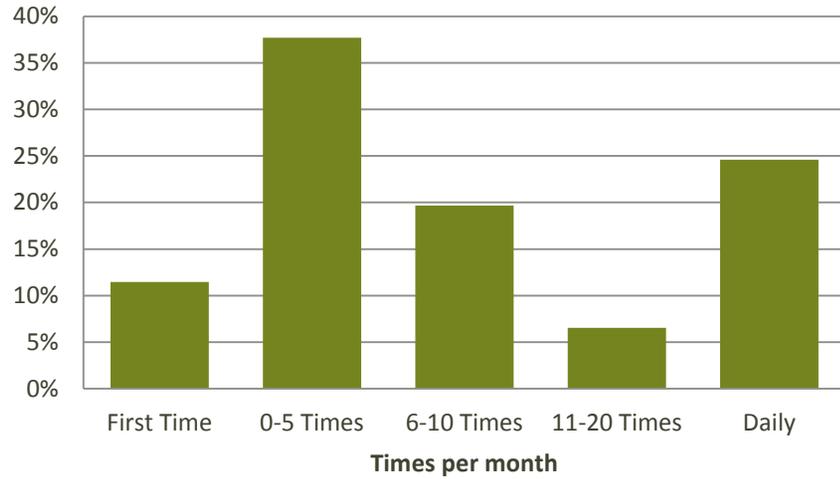


Why walkers use this trail instead of walking elsewhere

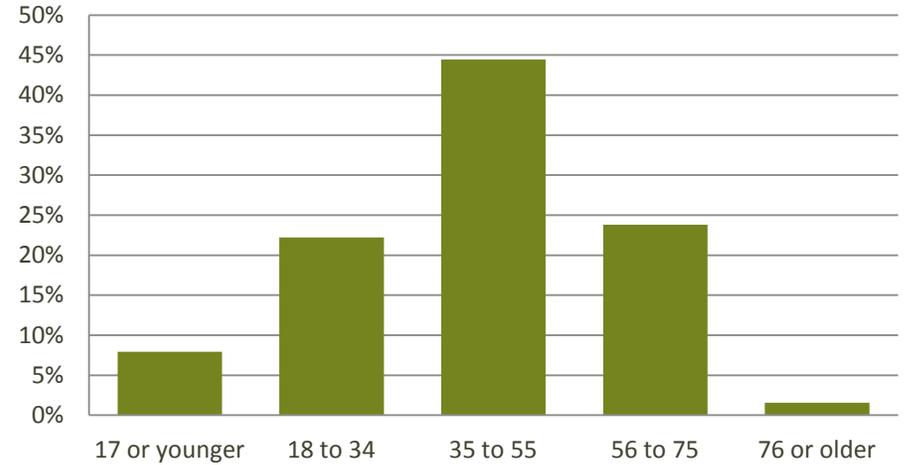


ROCK CREEK TRAIL – SURVEY DATA SUMMARY

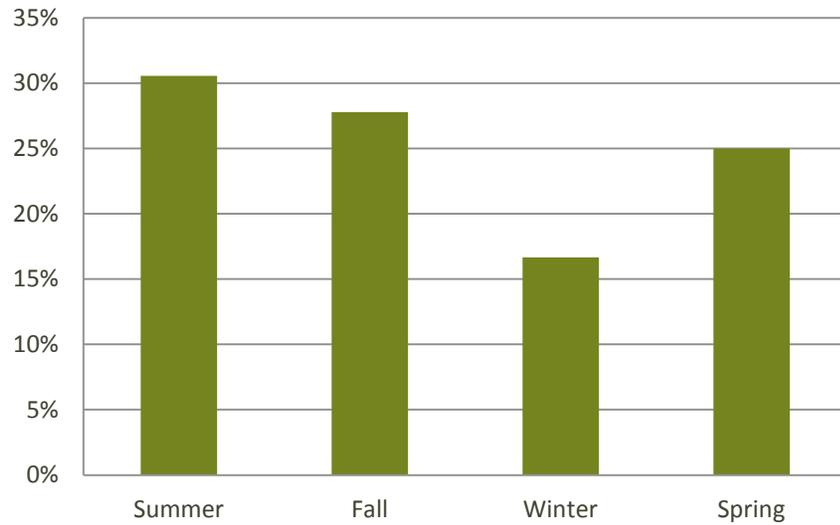
How often walkers use this trail



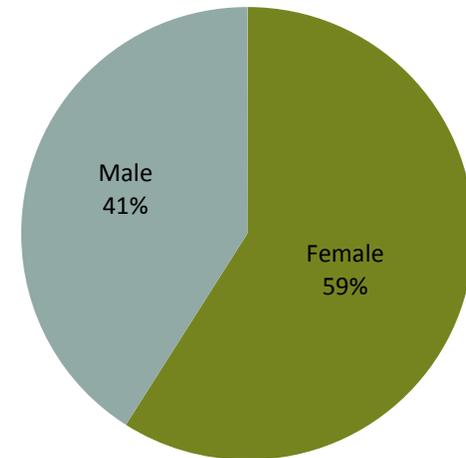
Ages of walkers surveyed on this trail



Seasons that walkers use this trail



Gender of walkers surveyed on this trail

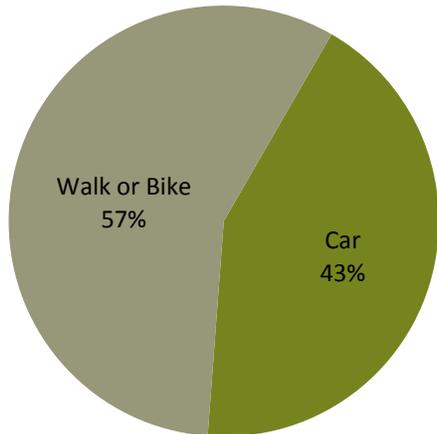


ROCK CREEK TRAIL – SURVEY DATA SUMMARY

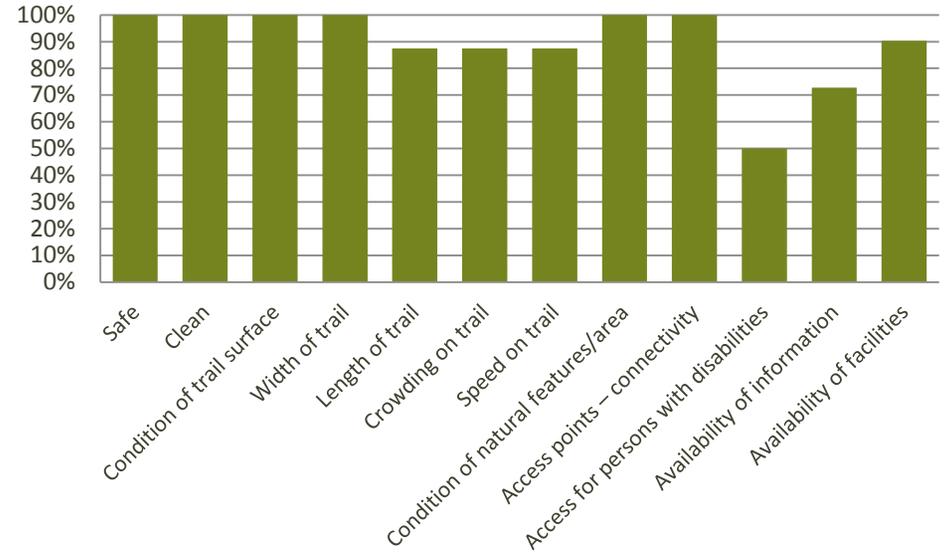
Why joggers use the trail



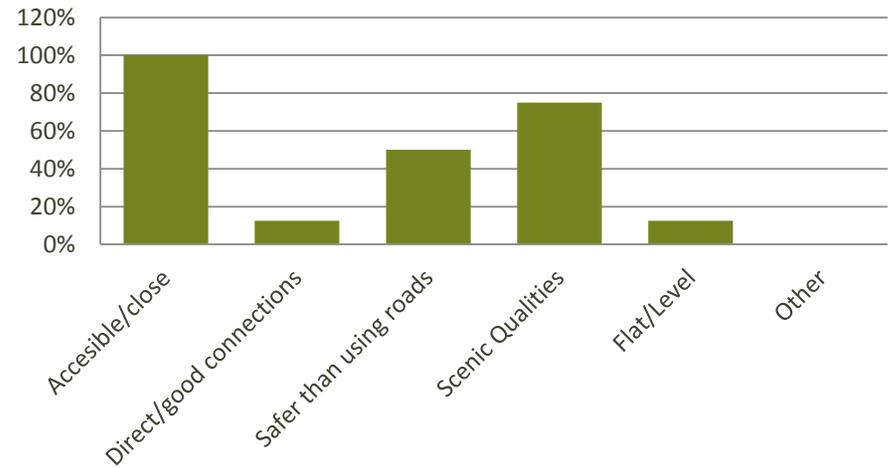
How joggers get to the trail



Share of responses by joggers with "Good" or "Excellent" ratings of the trail attributes

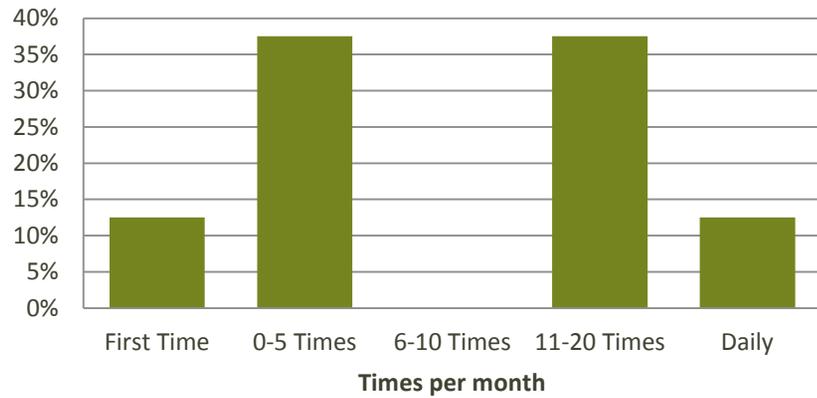


Why joggers use this trail instead of jogging elsewhere

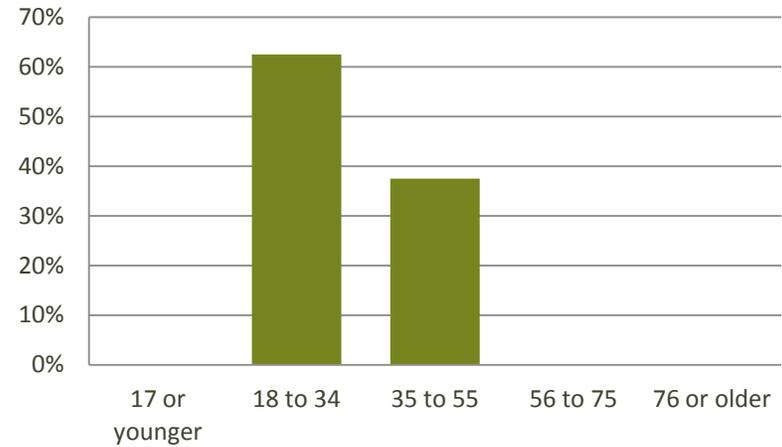


ROCK CREEK TRAIL – SURVEY DATA SUMMARY

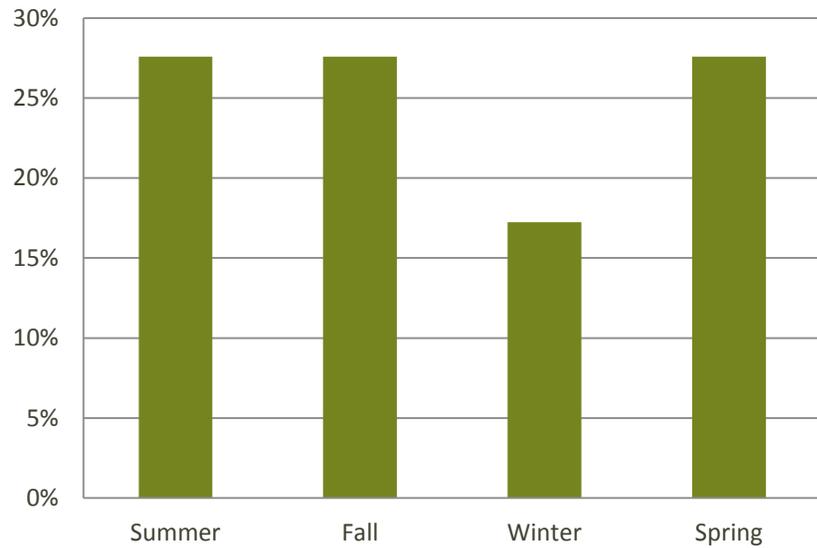
How often joggers use this trail



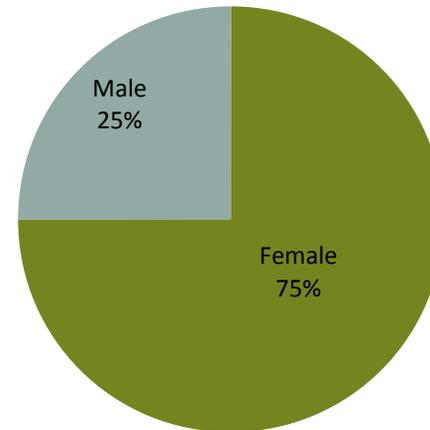
Ages of joggers surveyed on this trail



Seasons that joggers use this trail

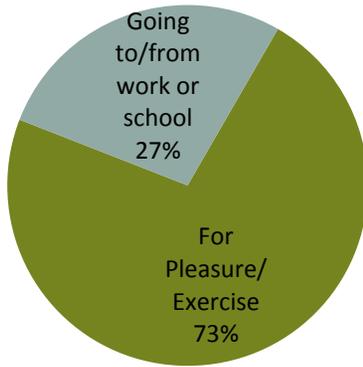


Gender of joggers surveyed on this trail

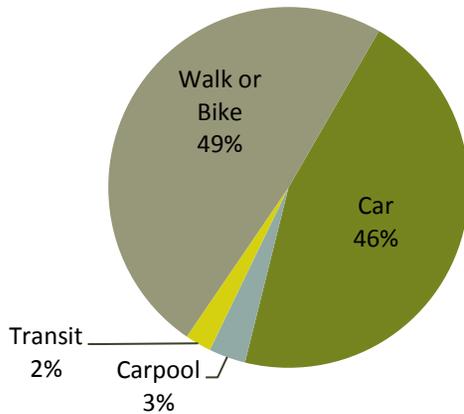


ROCK CREEK TRAIL – SURVEY DATA SUMMARY

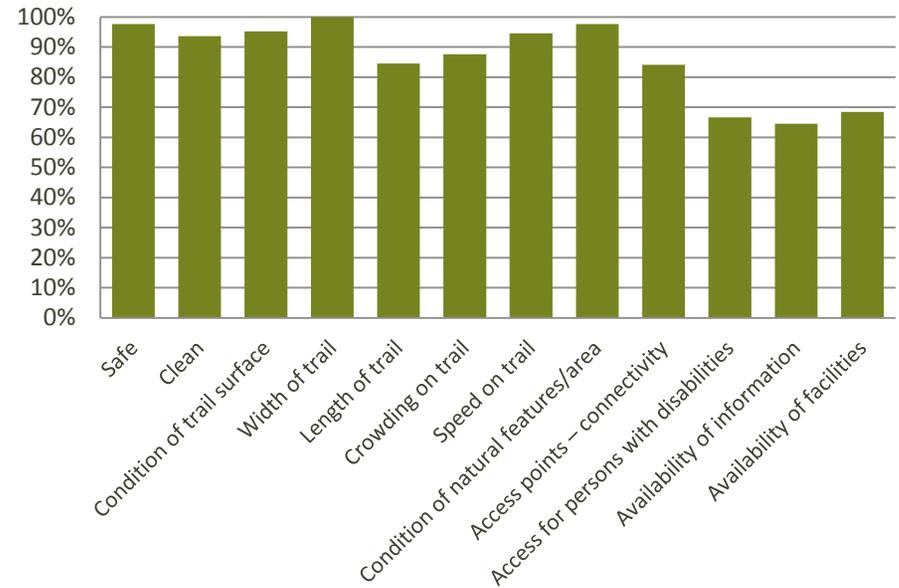
Why people use this trail



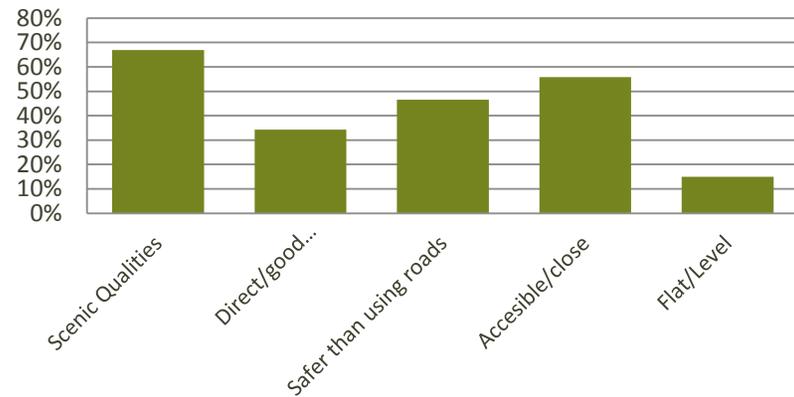
How people get to this trail



Share of responses with "Good" or "Excellent" ratings of the trail attributes

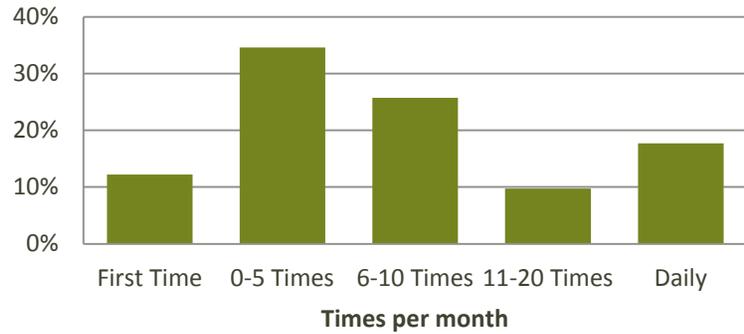


Why people use this trail instead of biking or walking elsewhere

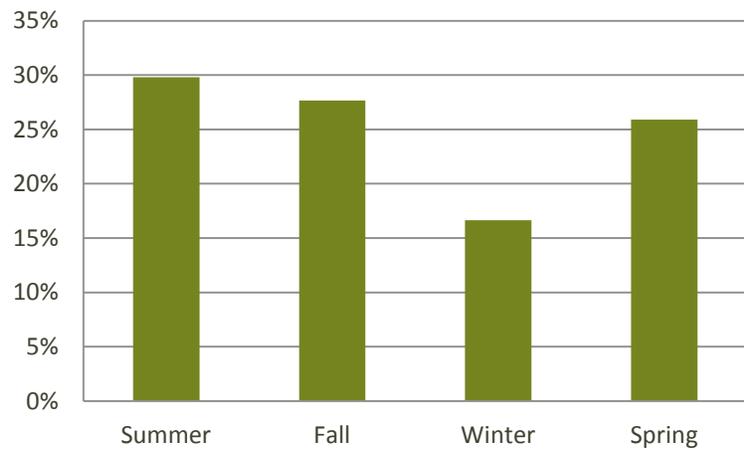


ROCK CREEK TRAIL – SURVEY DATA SUMMARY

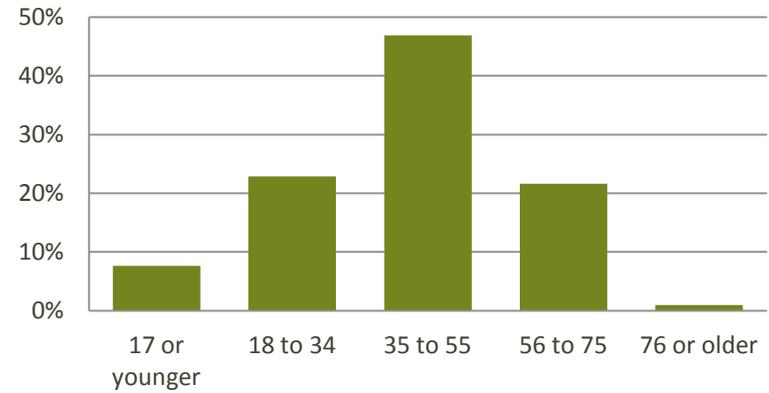
How often people use this trail



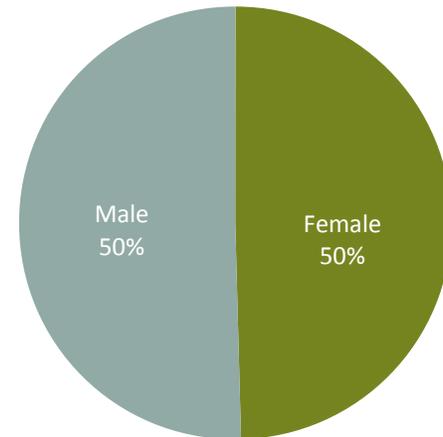
Seasons that people use this trail



Ages of trail users surveyed



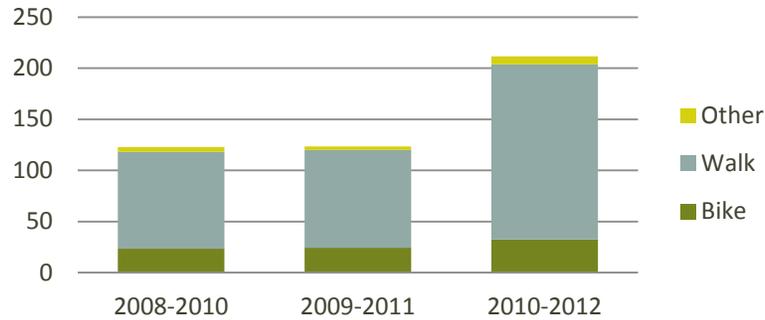
Gender of trail users surveyed



SALMON CREEK TRAIL

Annual Count Data (Average 2 hour peak counts)	2008	2009	2010	2011	2012
Site 418 – Weekday					
Bike	13	9	48	16	33
Walk	34	69	181	37	296
Other	4	2	8	0	15
Total	51	80	237	53	344

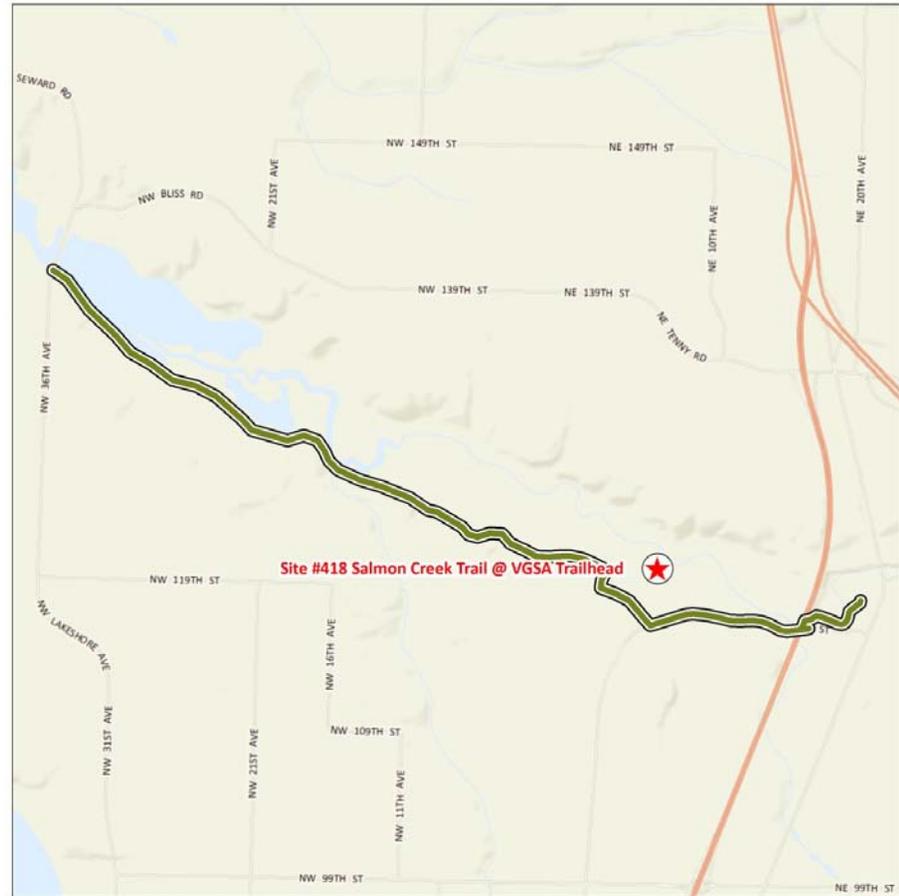
Average 2 Hour Peak Usage by Mode



Estimated Average Usage

(2010-2012 rolling average, all user types)

DAILY: 1,940
WEEKLY: 13,600
MONTHLY: 59,000
YEARLY: 710,000

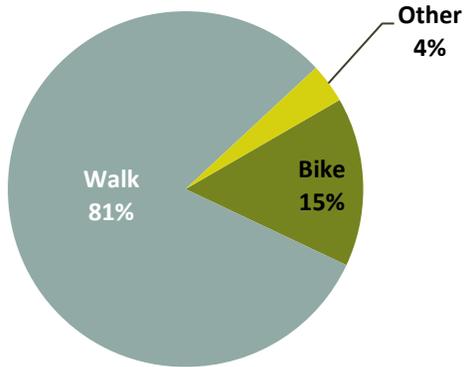


<i>Survey sample size</i>	
Walking	60
Biking	14
Jogging	23
Other	0
Total	97

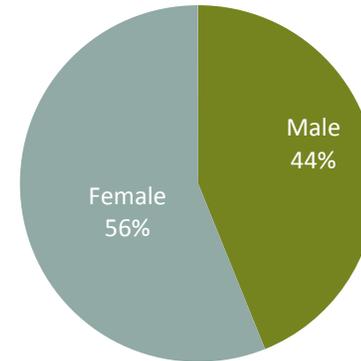
* insufficient number of surveys collected for analysis

SALMON CREEK TRAIL – COUNT DATA SUMMARY

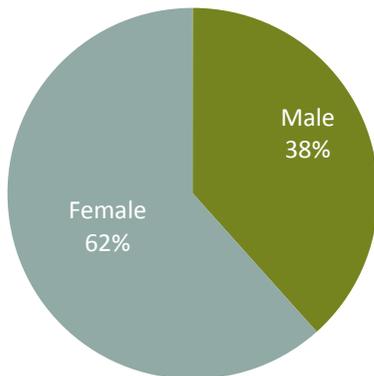
2010-2012 Mode Split



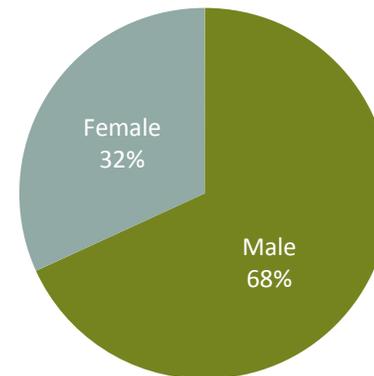
2010-2012 Observed Gender - All Users



2010-2012 Observed Gender - Pedestrians



2010-2012 Observed Gender - Bicyclists

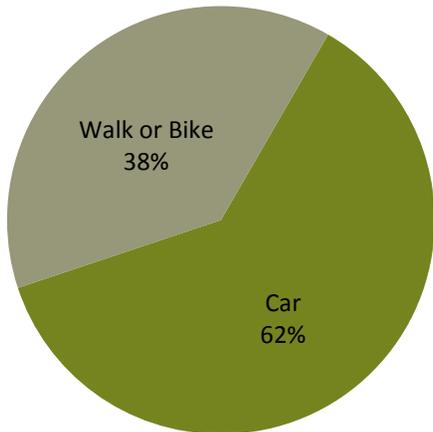


SALMON CREEK TRAIL – SURVEY DATA SUMMARY

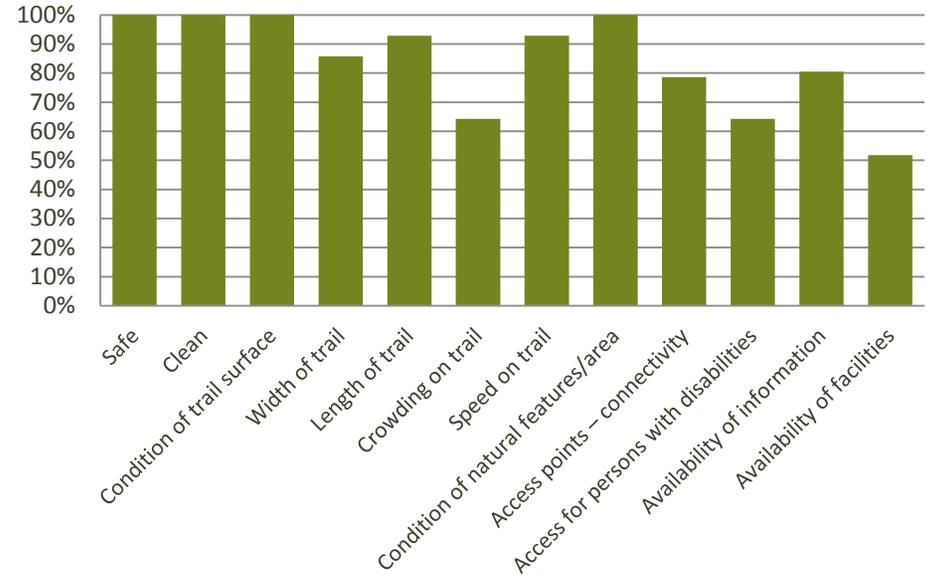
Why people on bikes use the trail



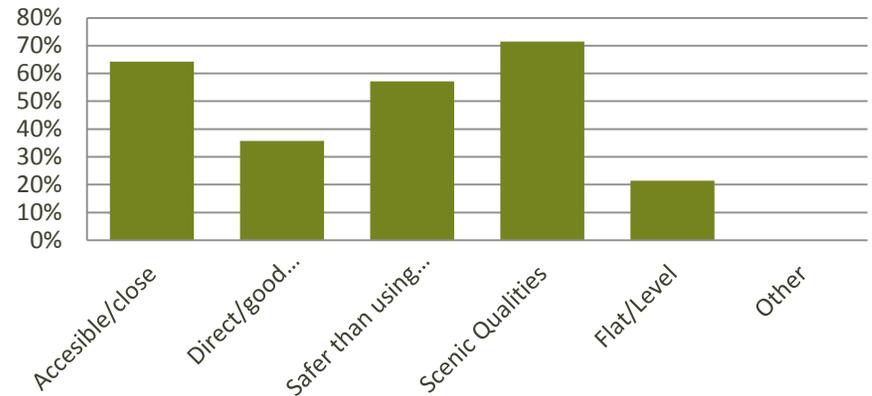
How people on bikes get to the trail



Share of responses by people on bikes with "Good" or "Excellent" ratings of the trail attributes

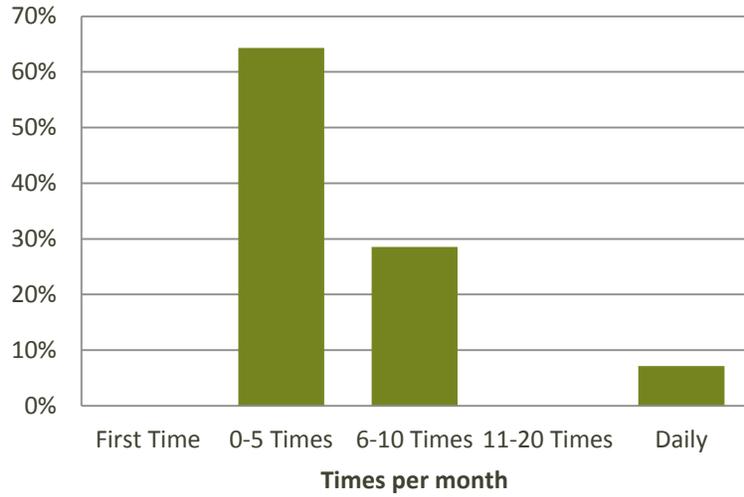


Why are people on bikes using this trail instead of riding elsewhere?

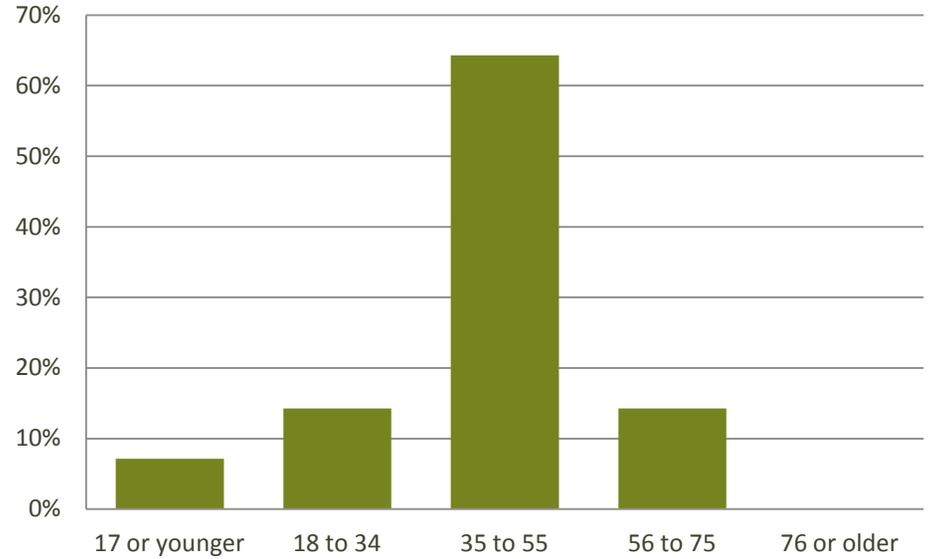


SALMON CREEK TRAIL – SURVEY DATA SUMMARY

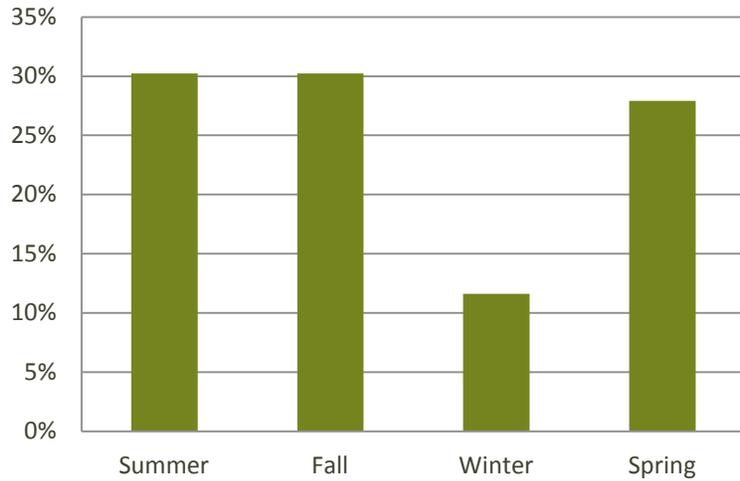
How often people on bikes use this trail



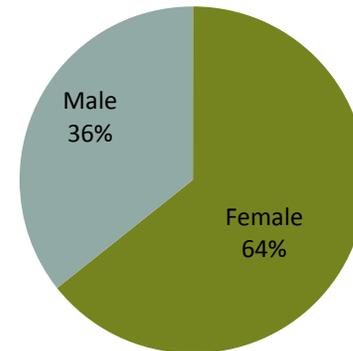
Ages of people on bikes surveyed on this trail



Seasons that people on bikes use this trail



Gender of people on bikes surveyed on this trail

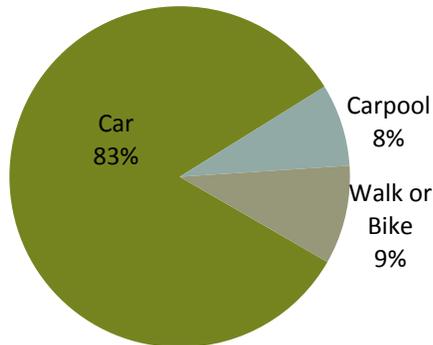


SALMON CREEK TRAIL – SURVEY DATA SUMMARY

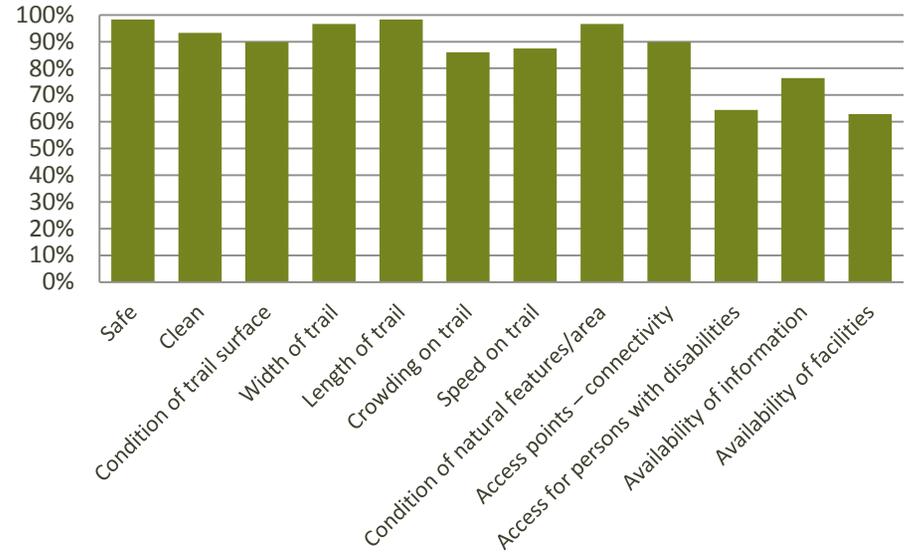
Why walkers use the trail



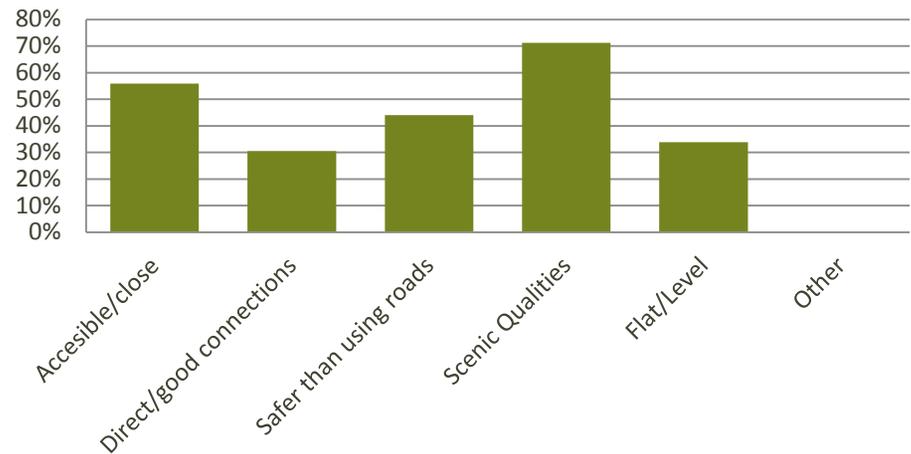
How walkers get to the trail



Share of responses by people walking with "Good" or "Excellent" ratings of the trail attributes

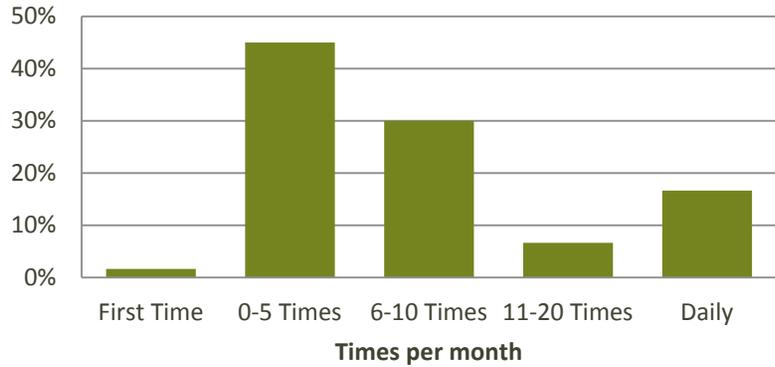


Why walkers use this trail instead of walking elsewhere

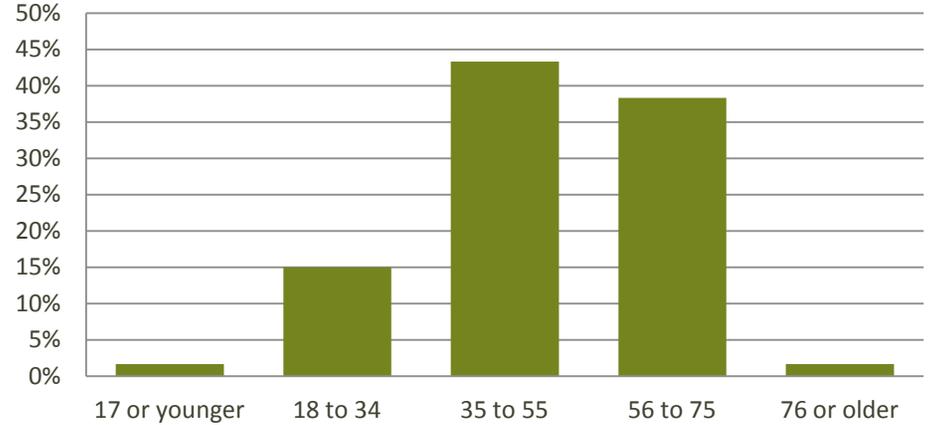


SALMON CREEK TRAIL – SURVEY DATA SUMMARY

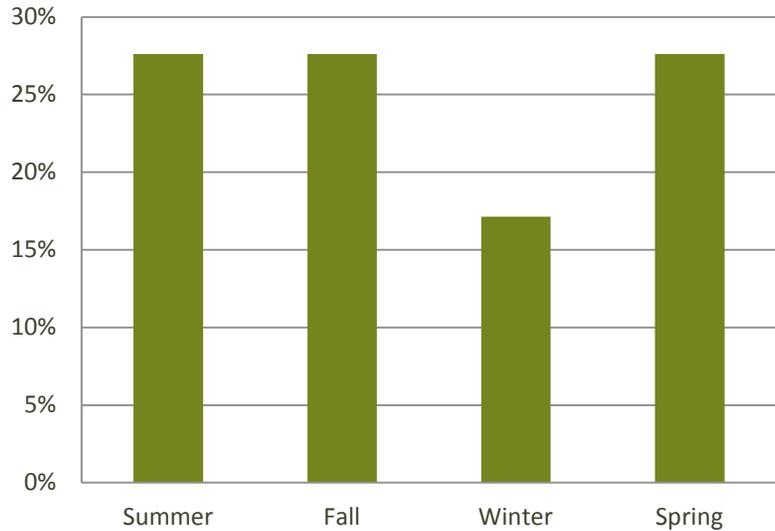
How often walkers use this trail



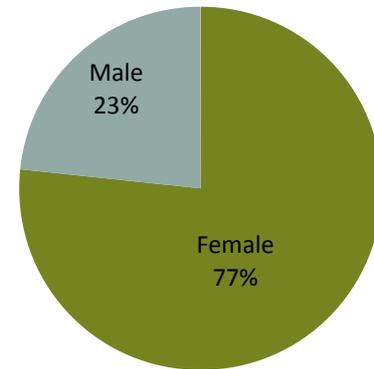
Ages of walkers surveyed on this trail



Seasons that walkers use this trail



Gender of walkers surveyed on this trail

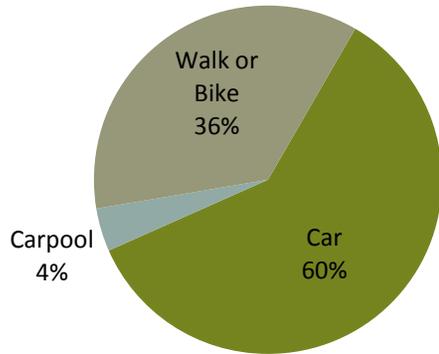


SALMON CREEK TRAIL – SURVEY DATA SUMMARY

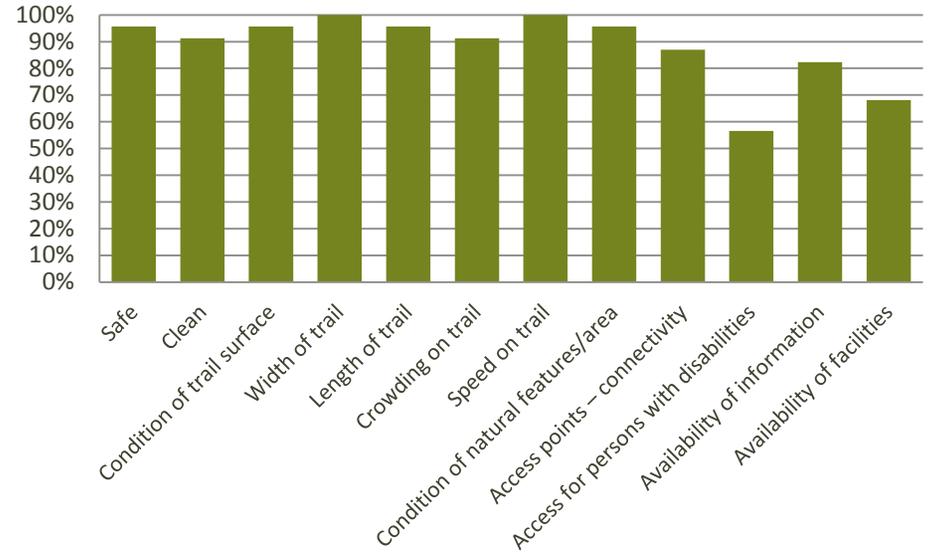
Why joggers use the trail



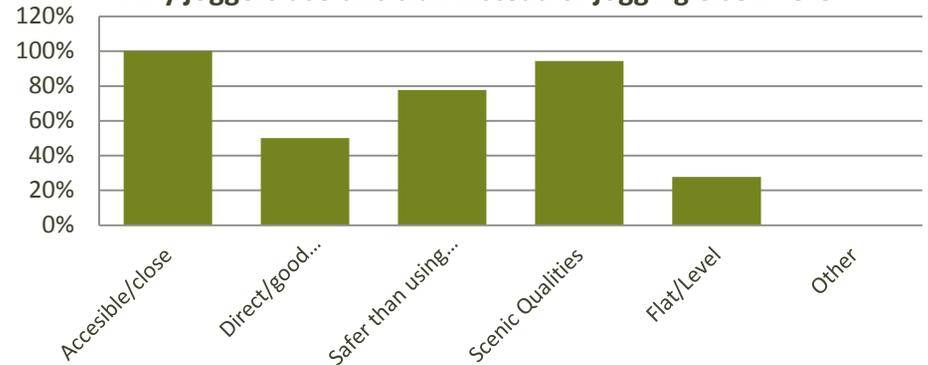
How joggers get to the trail



Share of responses by joggers with "Good" or "Excellent" ratings of the trail attributes

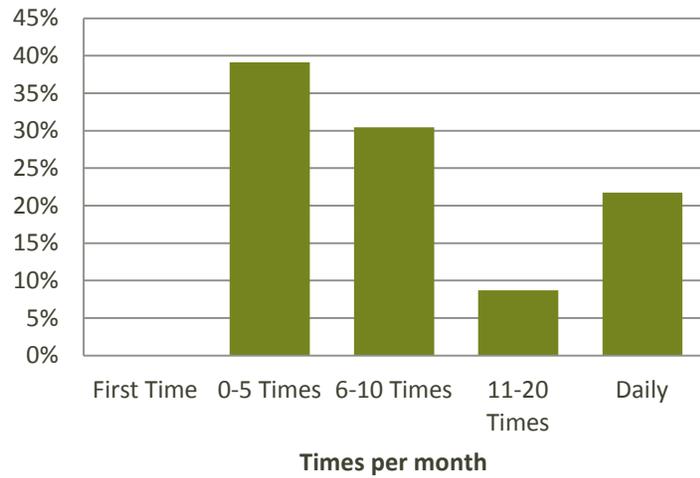


Why joggers use this trail instead of jogging elsewhere

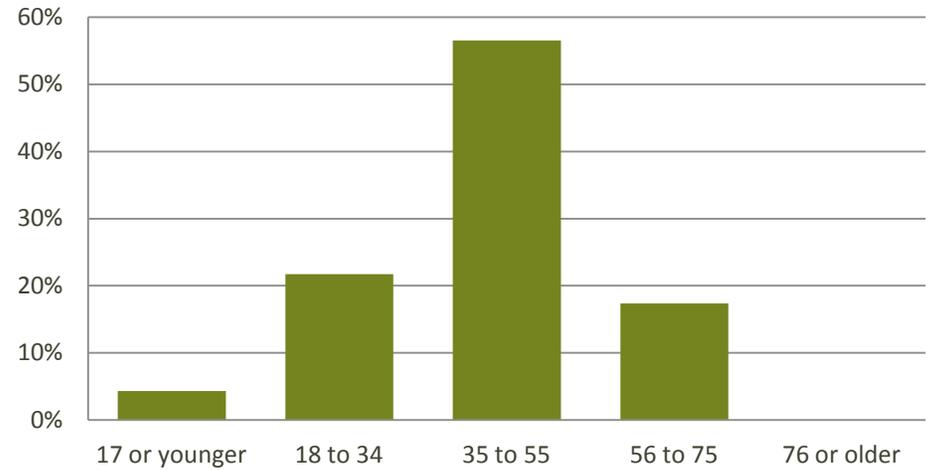


SALMON CREEK TRAIL – SURVEY DATA SUMMARY

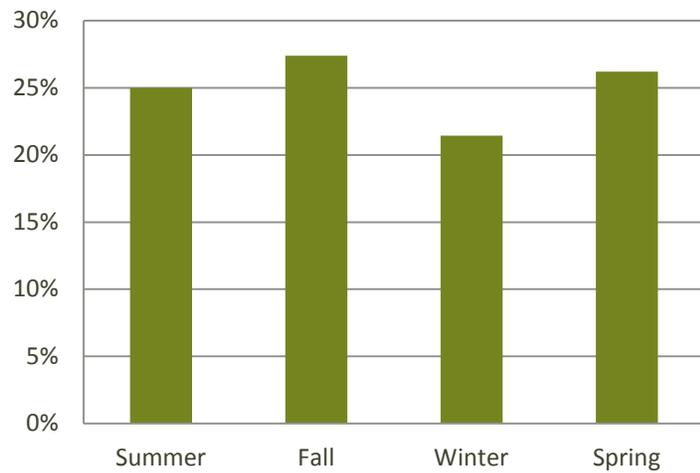
How often joggers use this trail



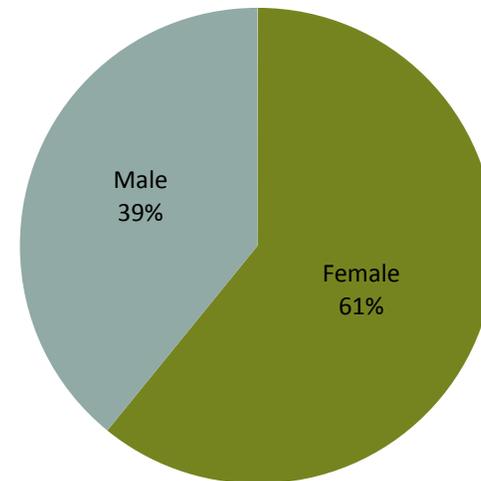
Ages of joggers surveyed on this trail



Seasons that joggers use this trail

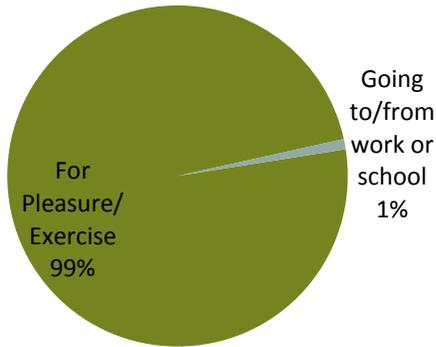


Gender of joggers surveyed on this trail

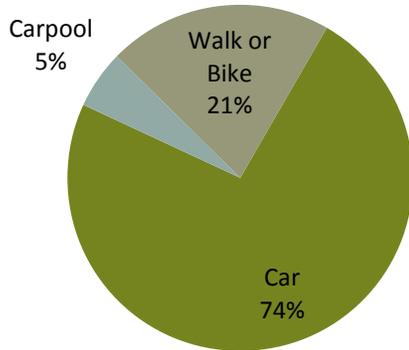


SALMON CREEK TRAIL – SURVEY DATA SUMMARY

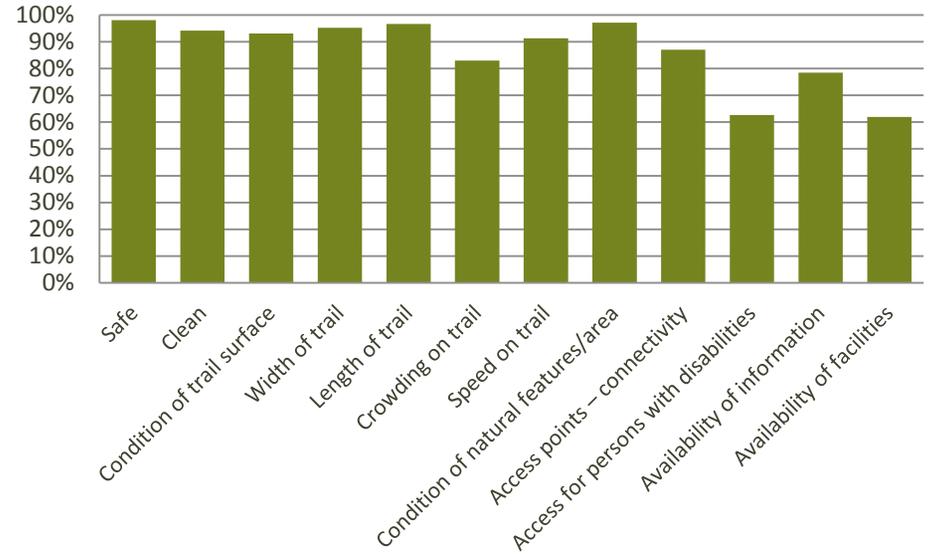
Why people use this trail



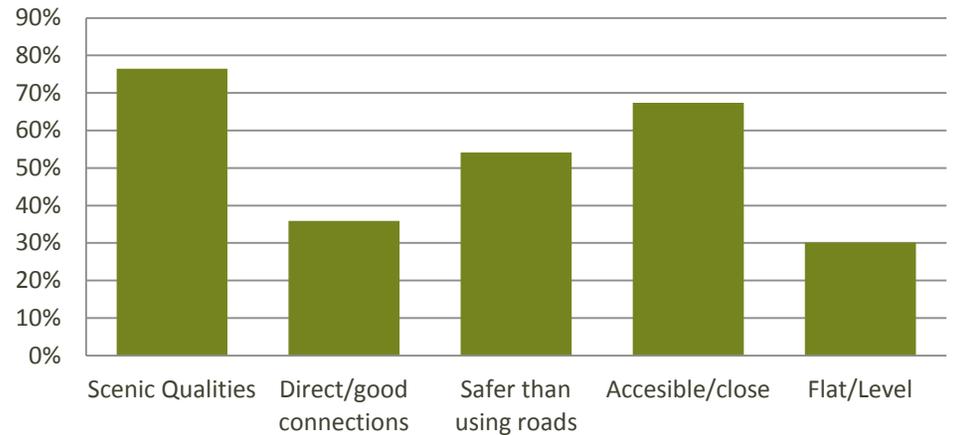
How people get to this trail



Share of responses with "Good" or "Excellent" ratings of the trail attributes

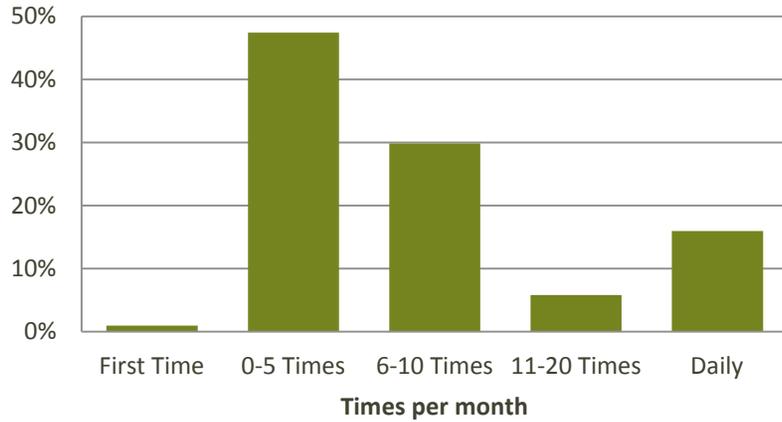


Why people use this trail instead of biking or walking elsewhere

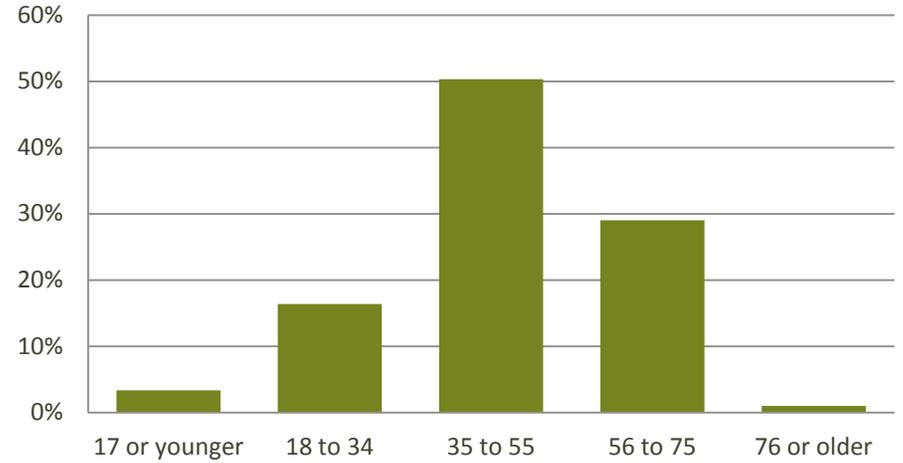


SALMON CREEK TRAIL – SURVEY DATA SUMMARY

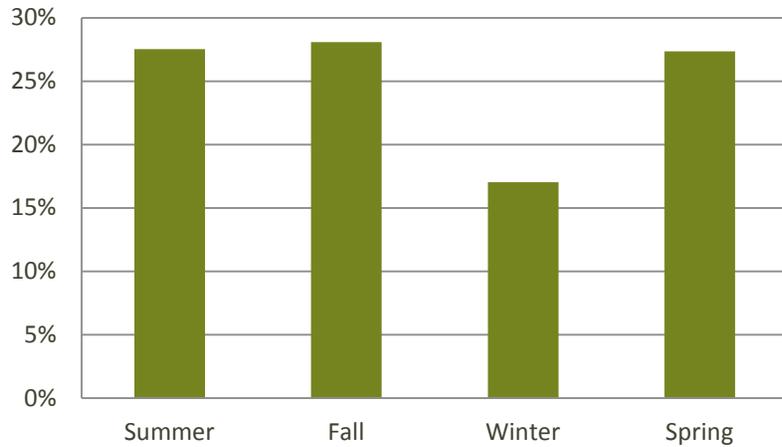
How often people use this trail



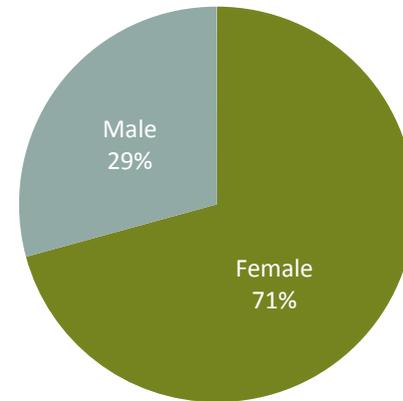
Ages of trail users surveyed



Seasons that people use this trail



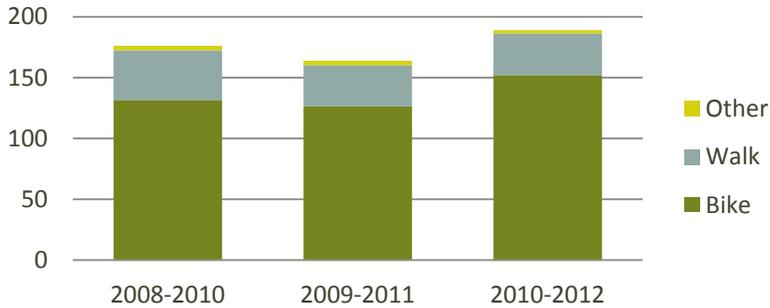
Gender of trail users surveyed



SPRINGWATER CORRIDOR SE

Annual Count Data (Average 2 hour peak counts)	2008	2009	2010	2011	2012
Site 65 – Weekday					
Bike	104	125	-	72	143
Walk	58	45	-	16	24
Other	3	2	-	3	0
Total	165	172	-	91	167
Site 61 – Weekday					
Bike	-	-	-	154	291
Walk	-	-	-	37	61
Other	-	-	-	5	0
Total	-	-	-	196	352

Average 2 Hour Peak Usage by Mode



Estimated Average Usage

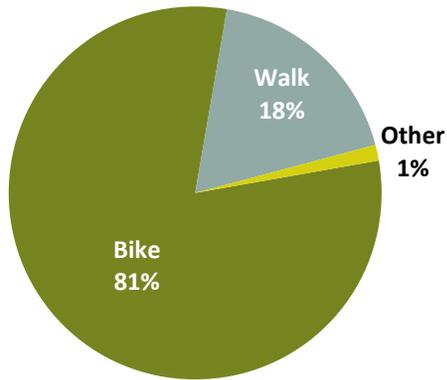
(2010-2012 rolling average, all user types)

DAILY: 1,730 **MONTHLY:** 53,000
WEEKLY: 12,200 **YEARLY:** 630,000

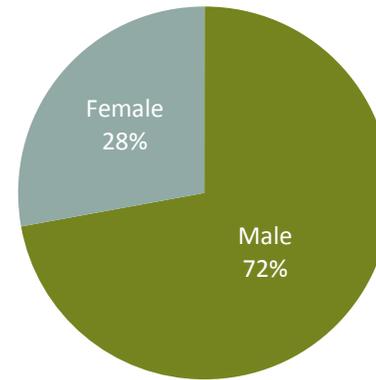


SPRINGWATER CORRIDOR SE – COUNT DATA SUMMARY

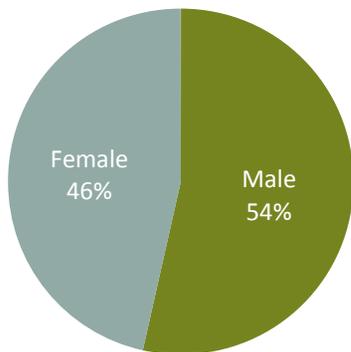
2010-2012 Mode Split



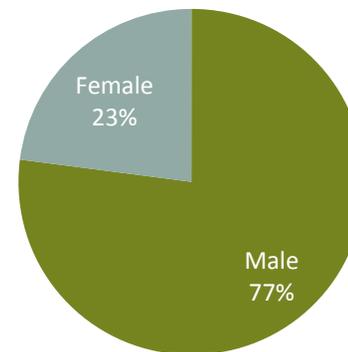
2010-2012 Observed Gender - All Users



2010-2012 Observed Gender - Pedestrians



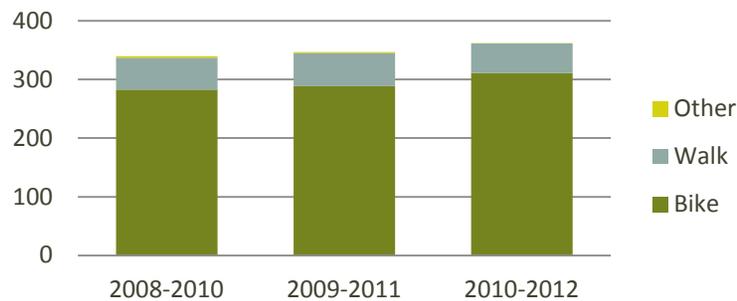
2010-2012 Observed Gender - Bicyclists



SPRINGWATER ON THE WILLAMETTE

Annual Count Data (Average 2 hour peak counts)	2008	2009	2010	2011	2012
Site 52 – Weekday					
Bike	498	468	-	500	598
Walk	59	95	-	110	59
Other	6	8	-	0	0
Total	563	571	-	610	657
Site 54 – Weekday					
Bike	-	431	233	480	503
Walk	-	91	48	61	74
Other	-	3	0	1	1
Total	-	525	281	542	578

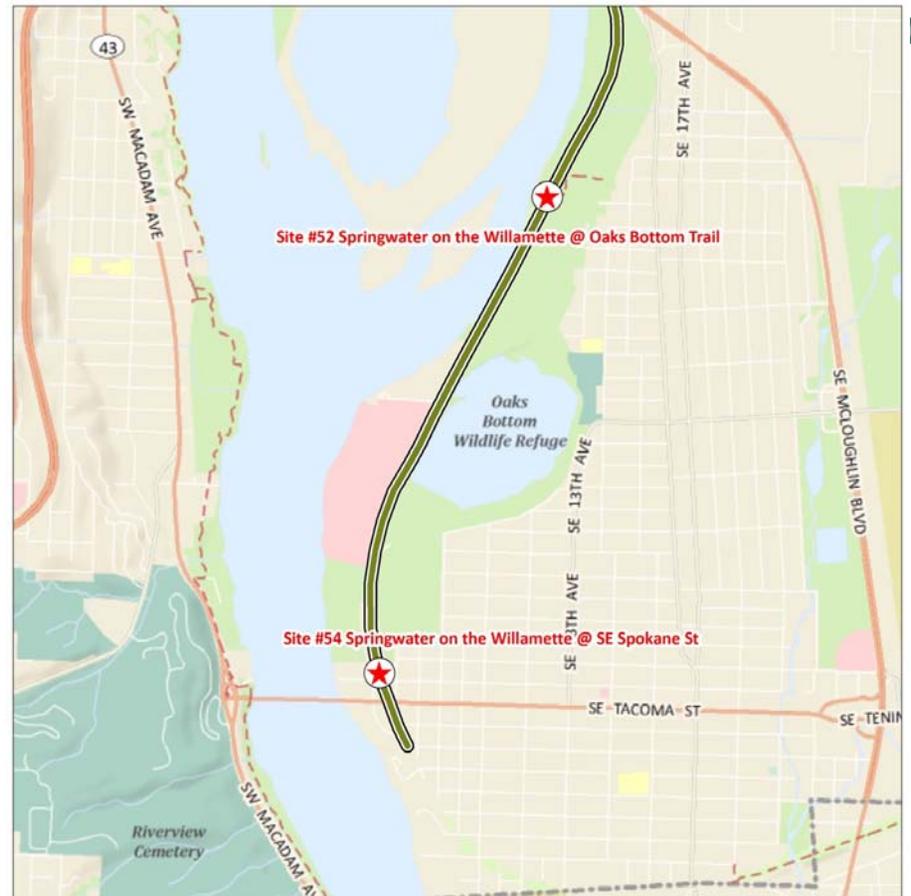
Average 2 Hour Peak Usage by Mode



Estimated Average Usage

(2010-2012 rolling average, all user types)

DAILY: 3,320 MONTHLY: 101,000



Survey sample size	
Walking	6
Biking	33
Jogging*	1
Other	3
Total	43

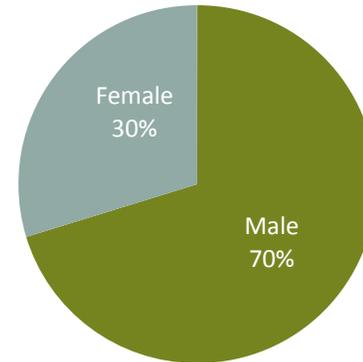
* insufficient number of surveys collected for analysis

SPRINGWATER ON THE WILLAMETTE – COUNT DATA SUMMARY

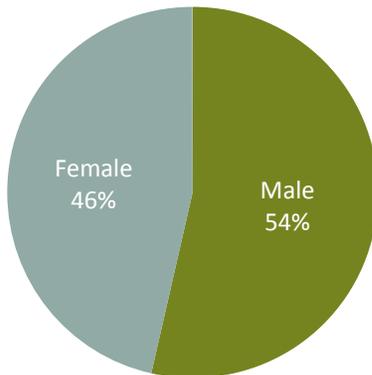
2010-2012 Mode Split



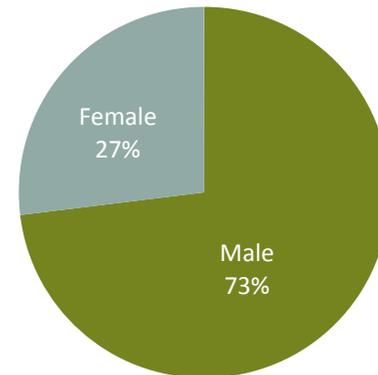
2010-2012 Observed Gender - All Users



2010-2012 Observed Gender - Pedestrians

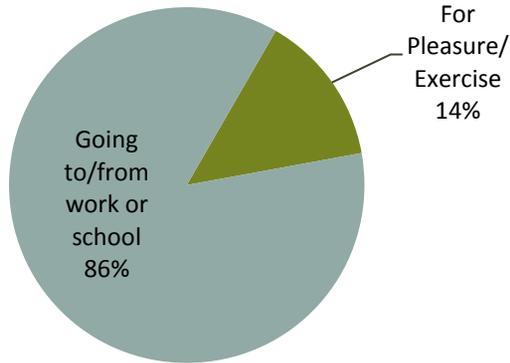


2010-2012 Observed Gender - Bicyclists

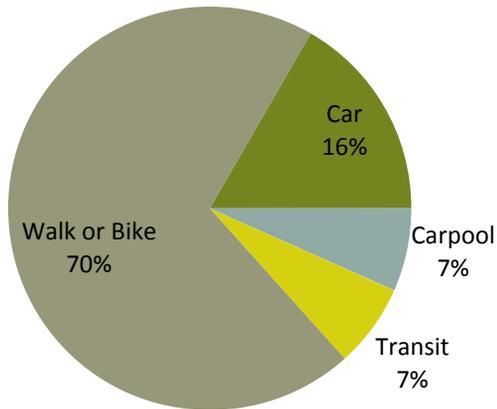


SPRINGWATER ON THE WILLAMETTE – SURVEY DATA SUMMARY

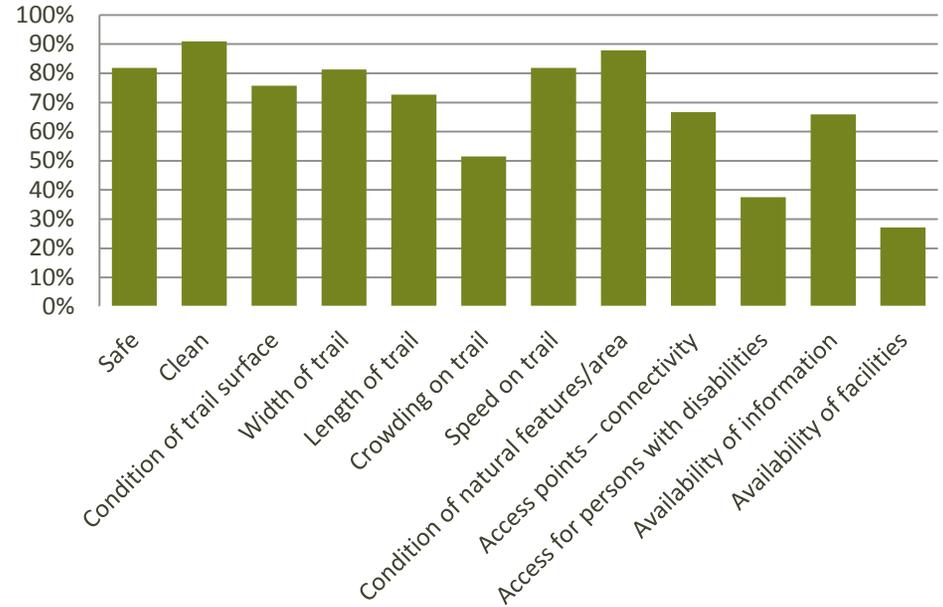
Why people on bikes use the trail



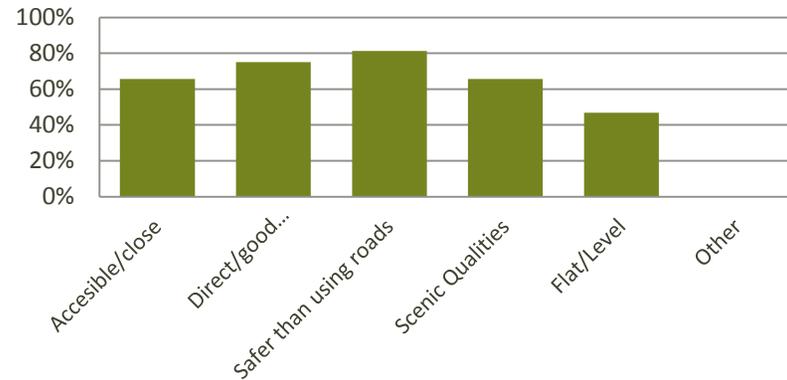
How people on bikes get to the trail



Share of responses by people on bikes with "Good" or "Excellent" ratings of the trail attributes

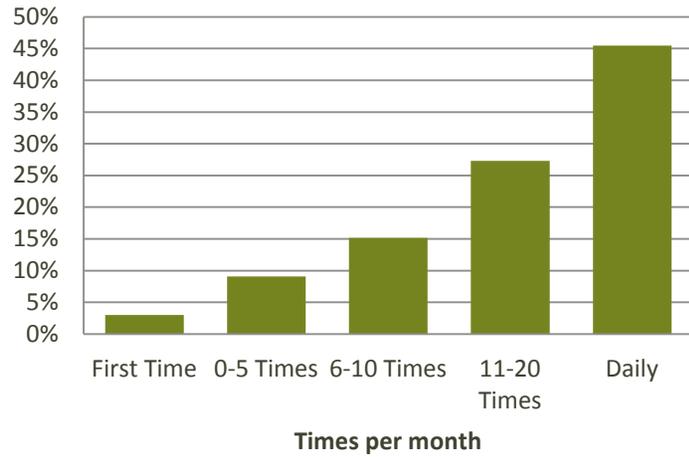


Why are people on bikes using this trail instead of riding elsewhere?

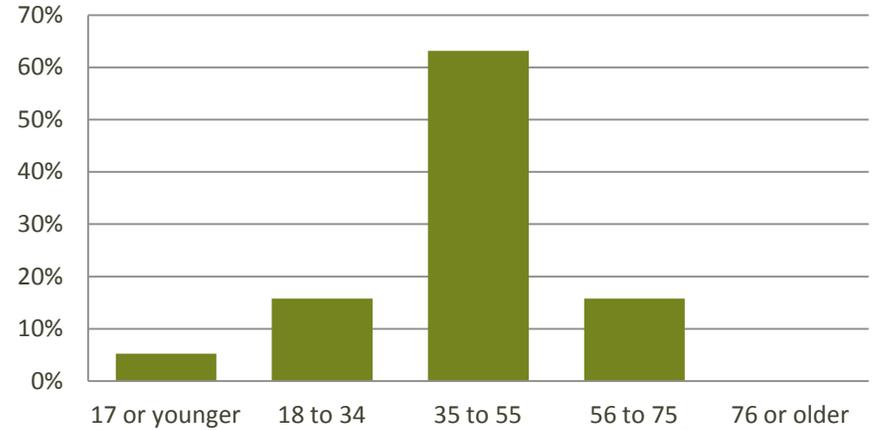


SPRINGWATER ON THE WILLAMETTE – SURVEY DATA SUMMARY

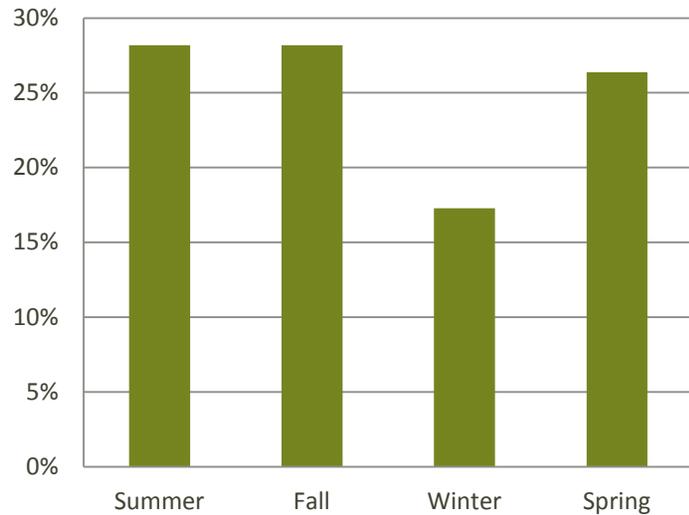
How often people on bikes use this trail



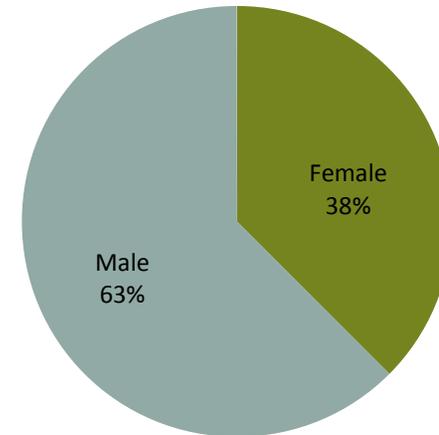
Ages of people on bikes surveyed on this trail



Seasons that people on bikes use this trail



Gender of people on bikes surveyed on this trail

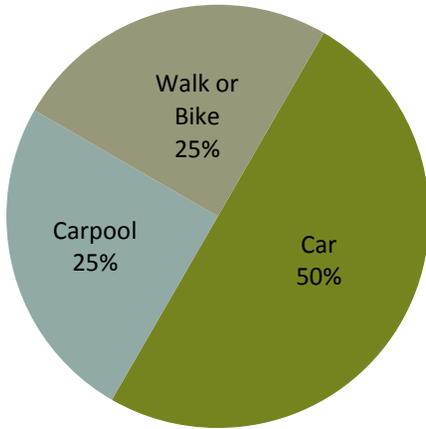


SPRINGWATER ON THE WILLAMETTE – SURVEY DATA SUMMARY

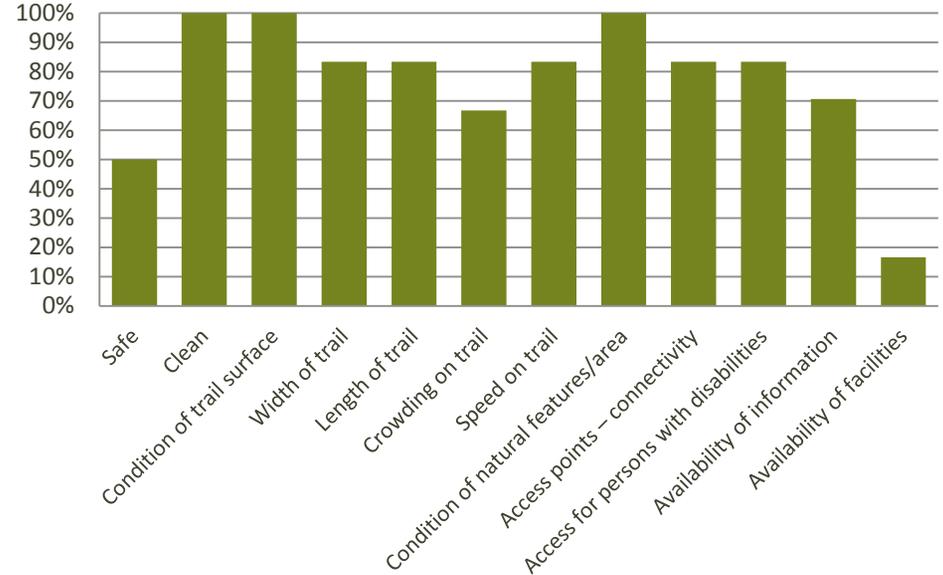
Why walkers use the trail



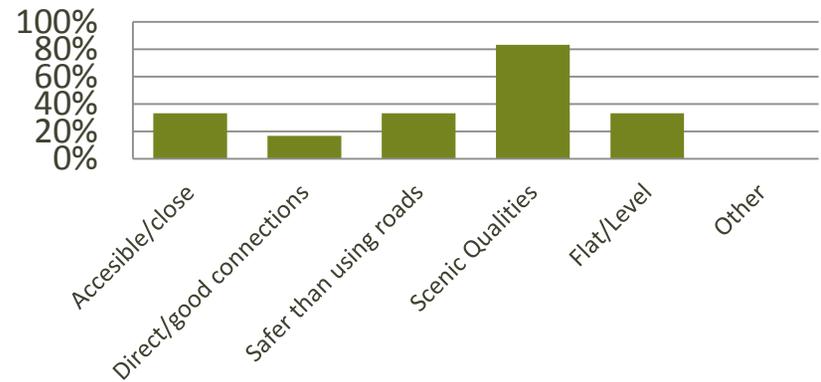
How walkers get to the trail



Share of responses by people walking with "Good" or "Excellent" ratings of the trail attributes

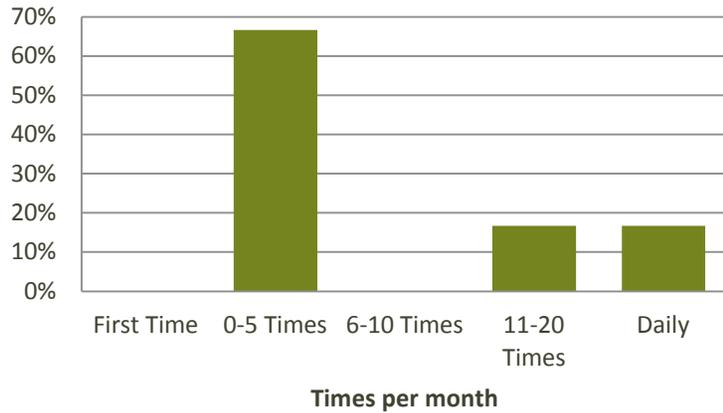


Why walkers use this trail instead of walking elsewhere

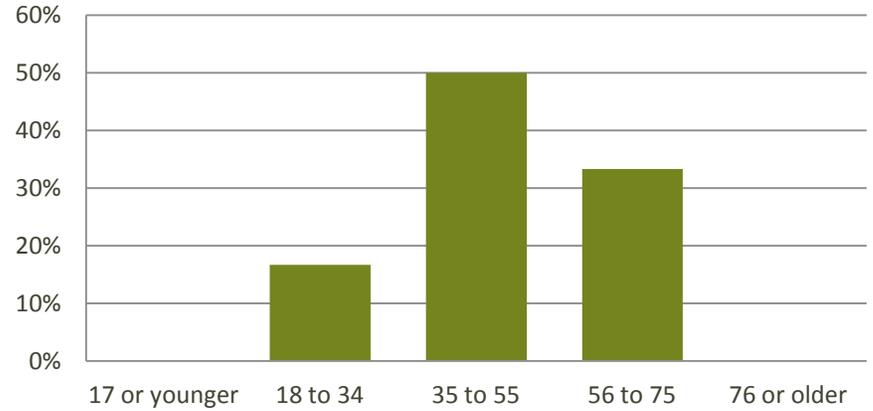


SPRINGWATER ON THE WILLAMETTE – SURVEY DATA SUMMARY

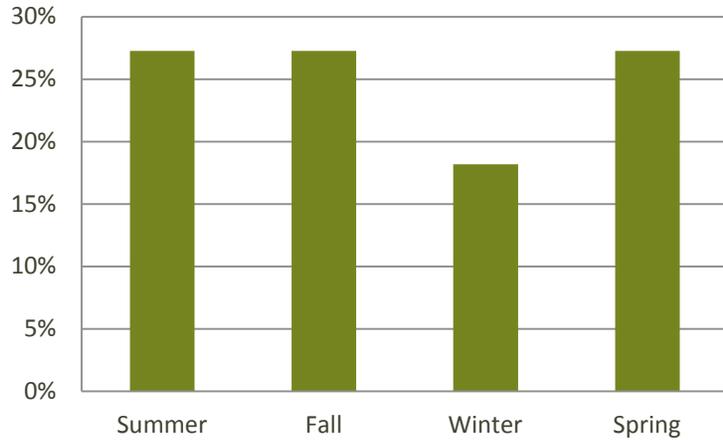
How often walkers use this trail



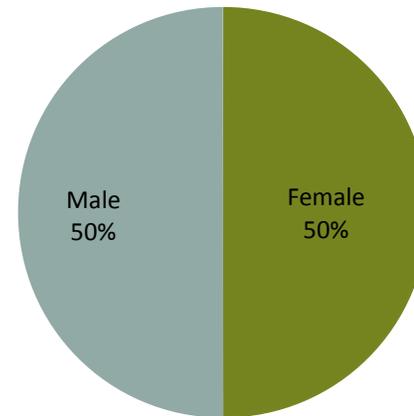
Ages of walkers surveyed on this trail



Seasons that walkers use this trail

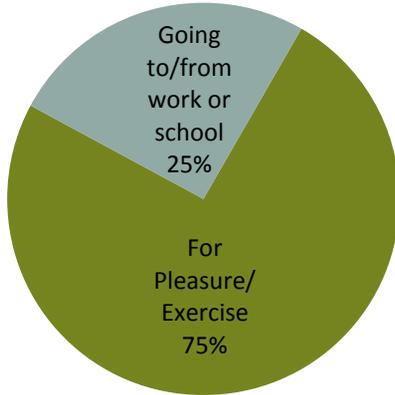


Gender of walkers surveyed on this trail

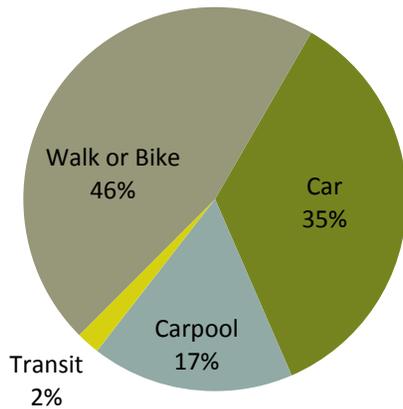


SPRINGWATER ON THE WILLAMETTE – SURVEY DATA SUMMARY

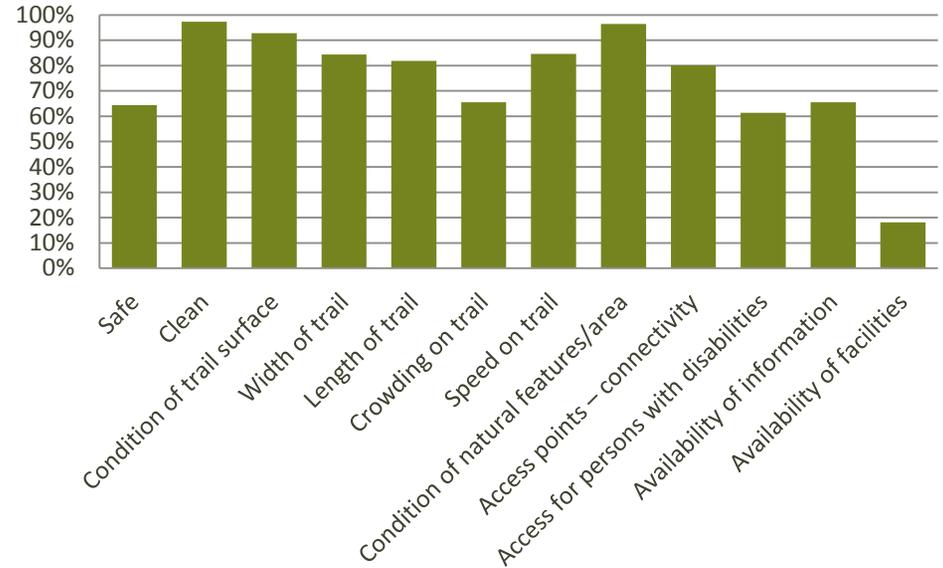
Why people use this trail



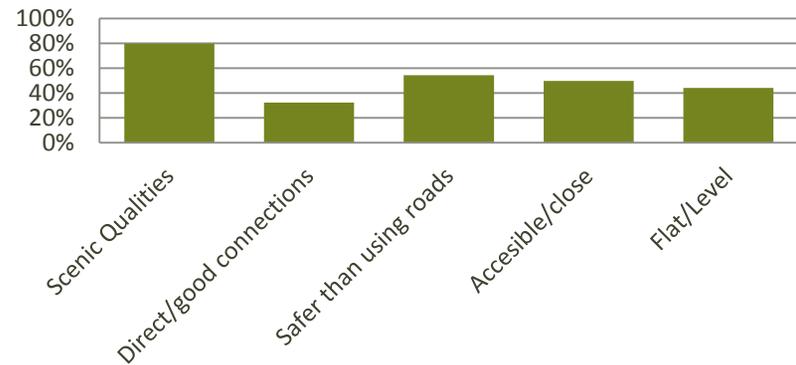
How people get to this trail



Share of responses with "Good" or "Excellent" ratings of the trail attributes

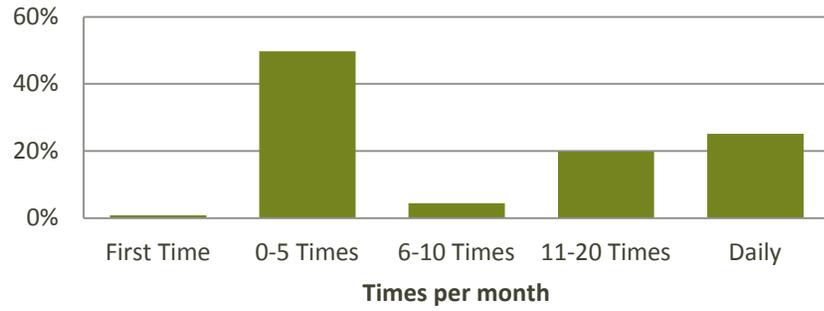


Why people use this trail instead of biking or walking elsewhere

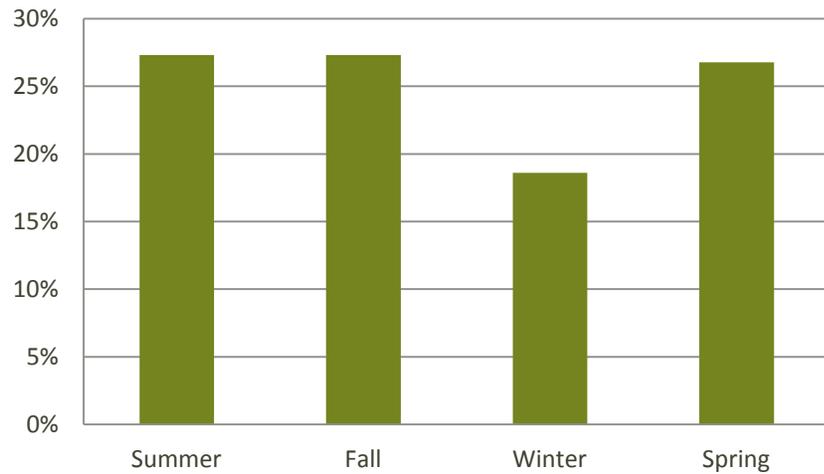


SPRINGWATER ON THE WILLAMETTE – SURVEY DATA SUMMARY

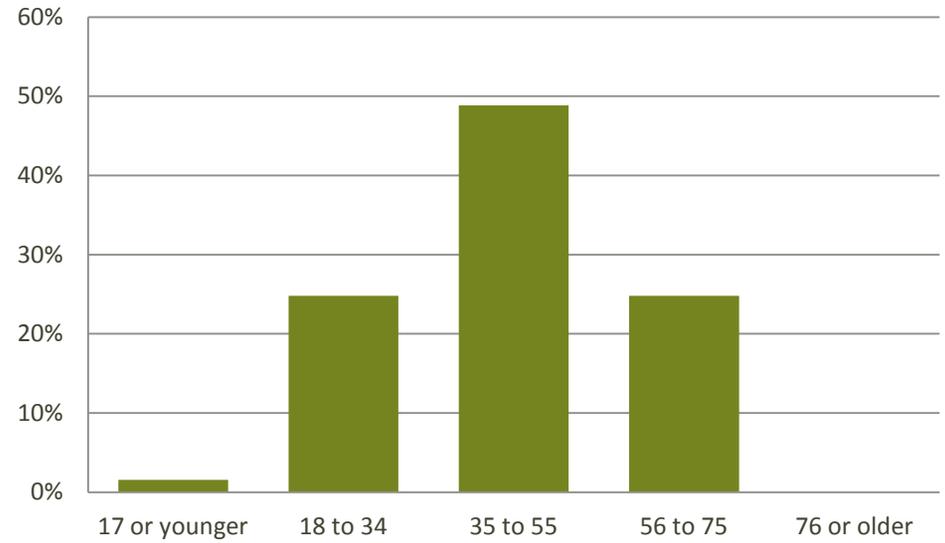
How often people use this trail



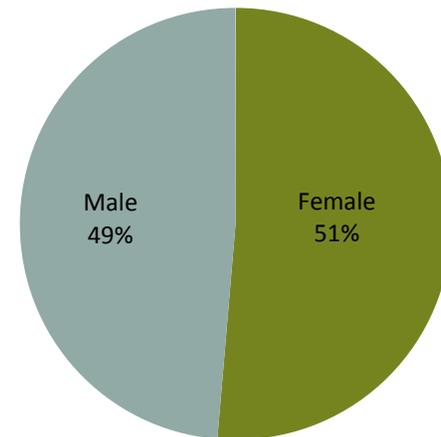
Seasons that people use this trail



Ages of trail users surveyed



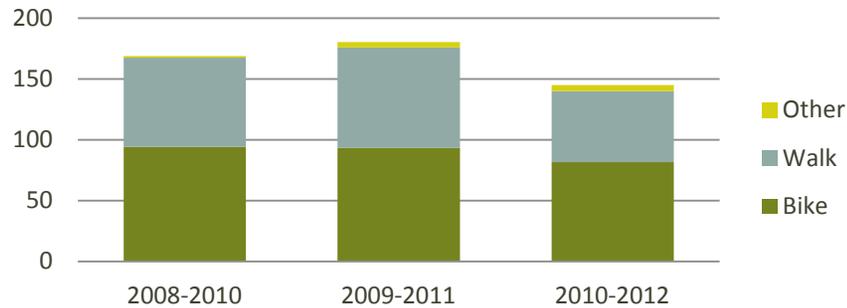
Gender of trail users surveyed



SPRINGWATER IN GRESHAM

Annual Count Data (Average 2 hour peak counts)	2008	2009	2010	2011	2012
Site 505 – Weekday					
Bike	102	124	56	100	89
Walk	48	114	58	76	41
Other	2	0	3	11	2
Total	152	238	117	186	132

Average 2 Hour Peak Usage by Mode



Estimated Average Usage

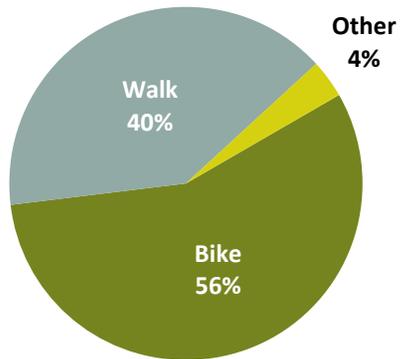
(2010-2012 rolling average, all user types)

DAILY: 1,300
WEEKLY: 9,300
MONTHLY: 40,000
YEARLY: 490,000

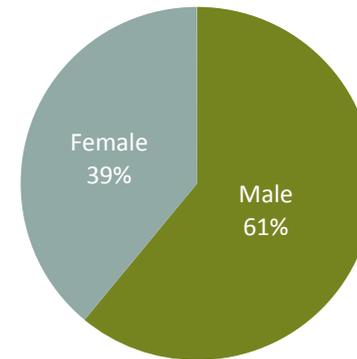


SPRINGWATER IN GRESHAM – COUNT DATA SUMMARY

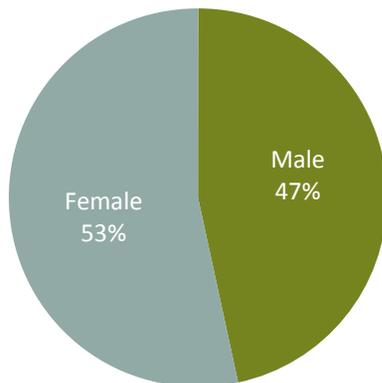
2010-2012 Mode Split



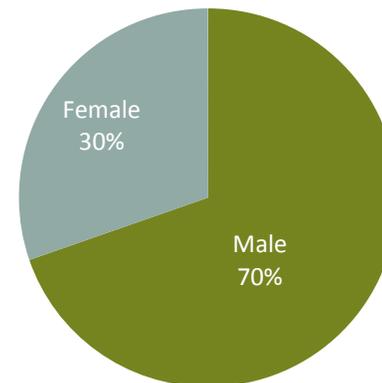
2010-2012 Observed Gender - All Users



2010-2012 Observed Gender - Pedestrians

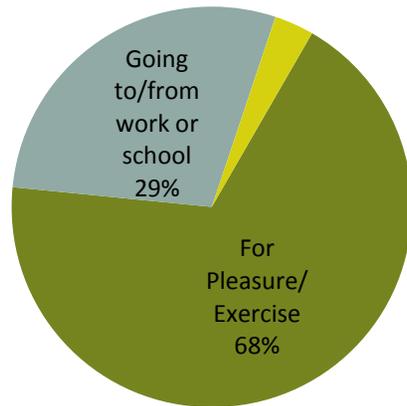


2010-2012 Observed Gender - Bicyclists

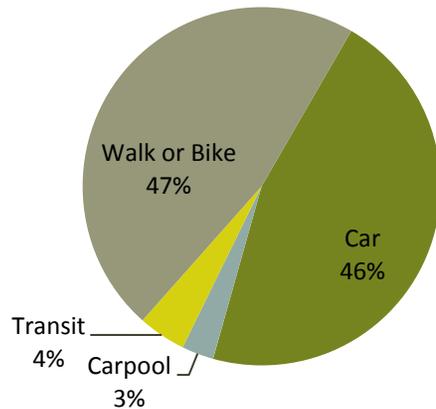


SPRINGWATER IN GRESHAM – SURVEY DATA SUMMARY

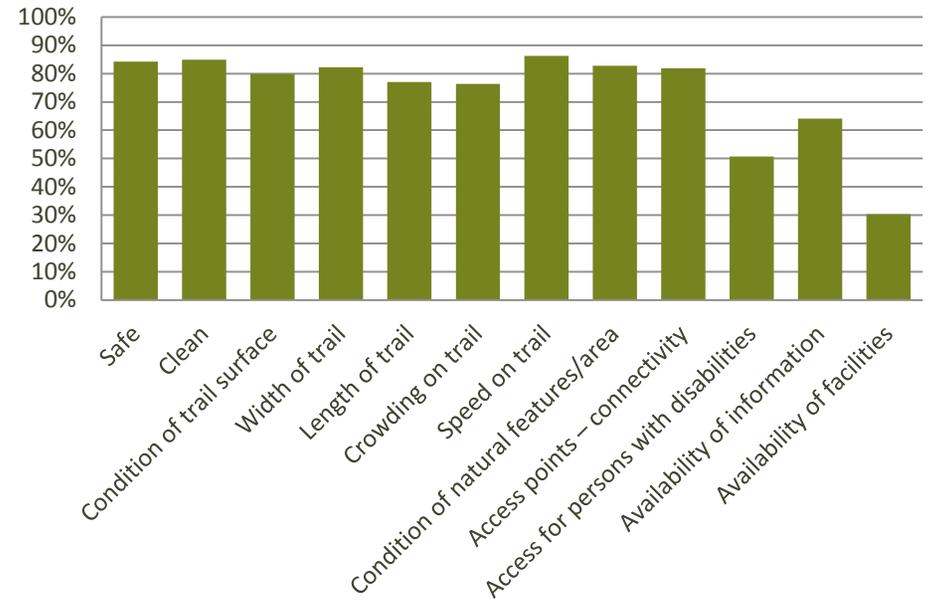
Why people on bikes use the trail



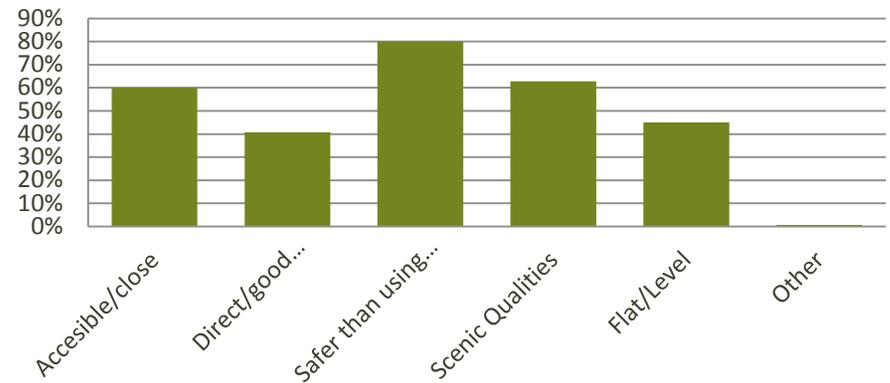
How people on bikes get to the trail



Share of responses by people on bikes with "Good" or "Excellent" ratings of the trail attributes

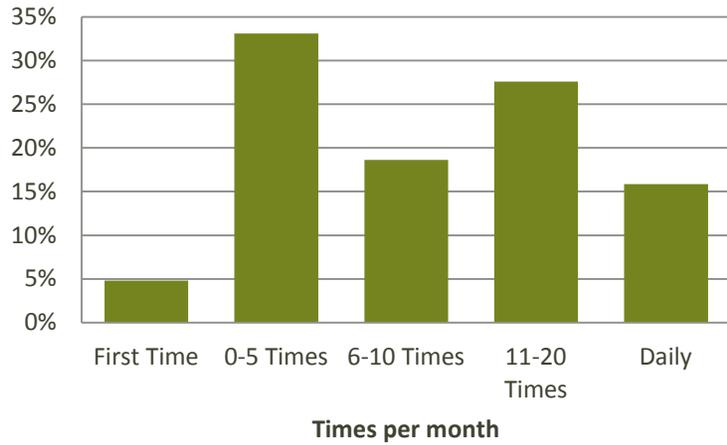


Why are people on bikes using this trail instead of riding elsewhere?

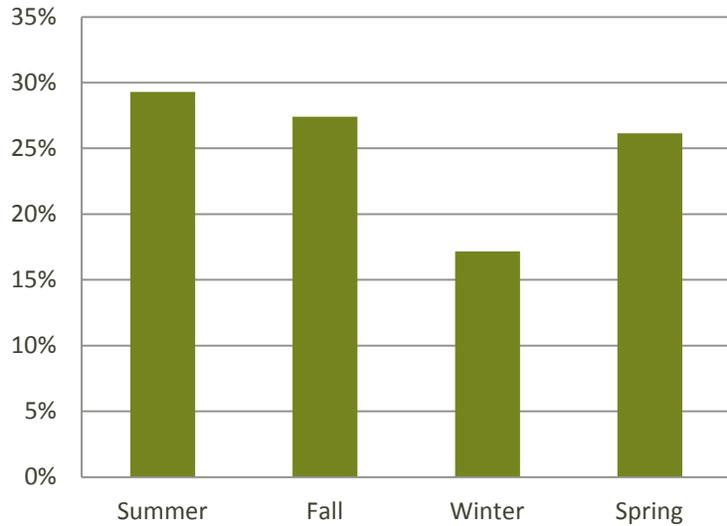


SPRINGWATER IN GRESHAM – SURVEY DATA SUMMARY

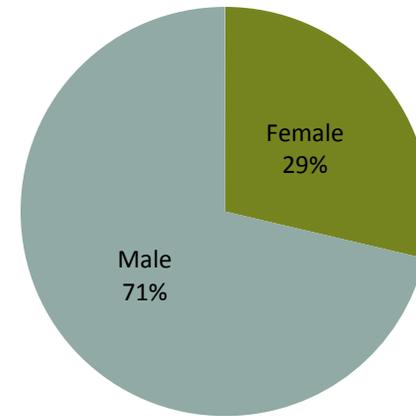
How often people on bikes use this trail



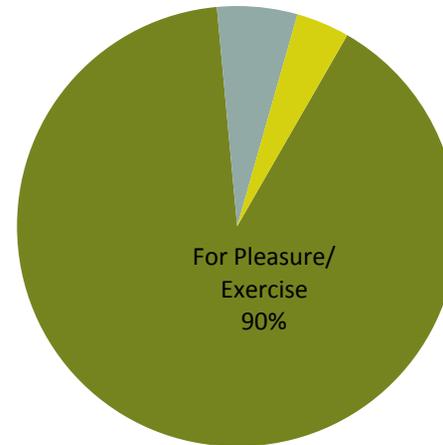
Seasons that people on bikes use this trail



Gender of people on bikes surveyed on this trail

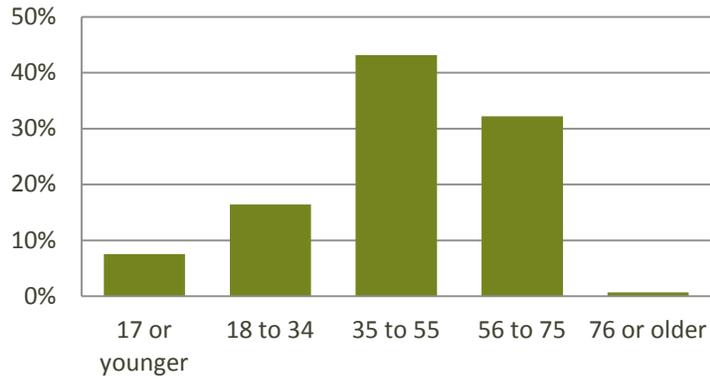


Why walkers use the trail

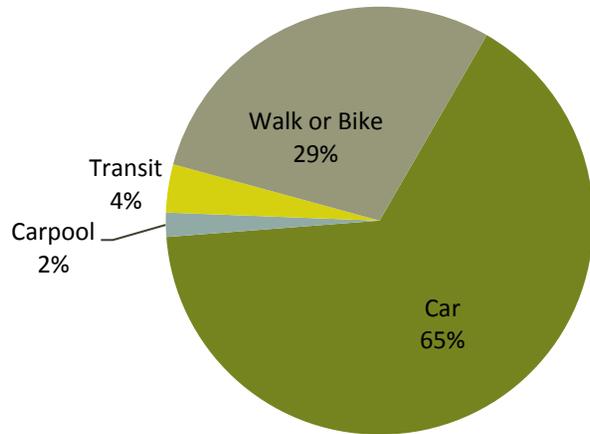


SPRINGWATER IN GRESHAM – SURVEY DATA SUMMARY

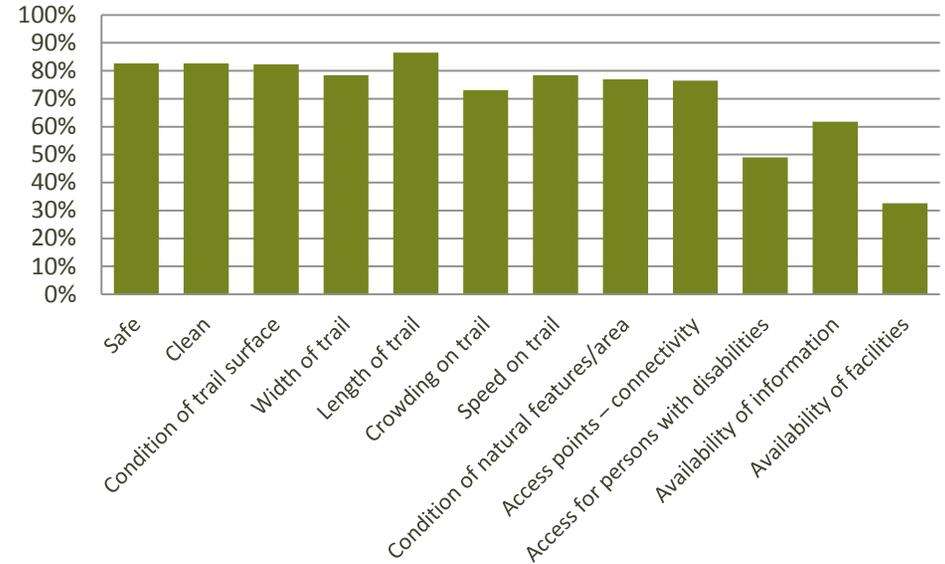
Ages of people on bikes on this trail



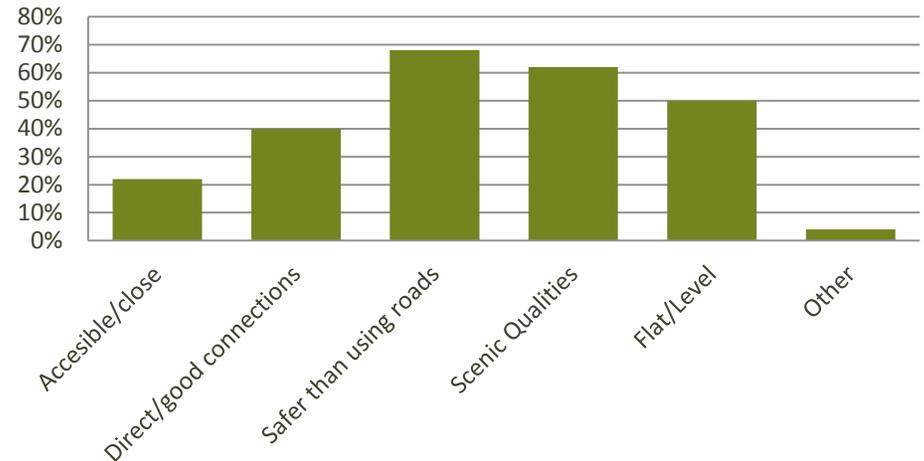
How walkers get to the trail



Share of responses by people walking with "Good" or "Excellent" ratings of the trail attributes

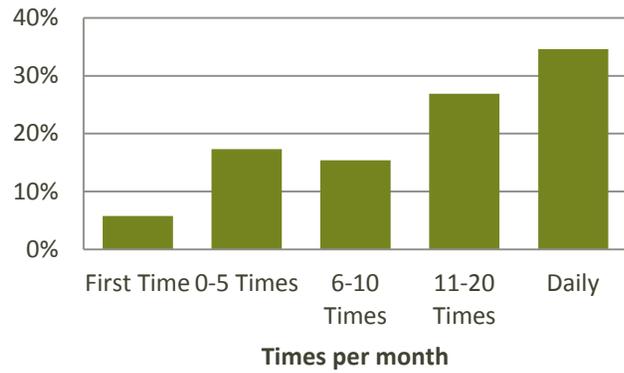


Why walkers use this trail instead of walking elsewhere

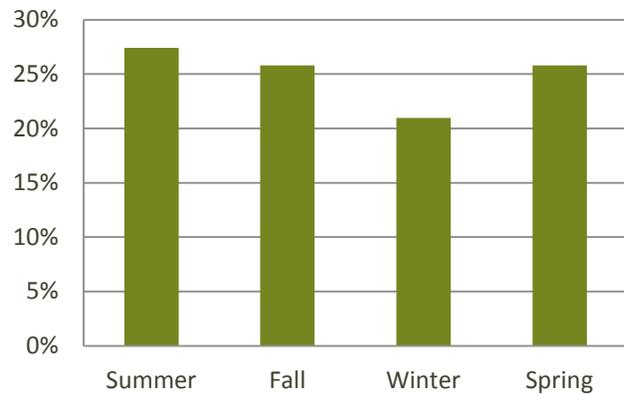


SPRINGWATER IN GRESHAM – SURVEY DATA SUMMARY

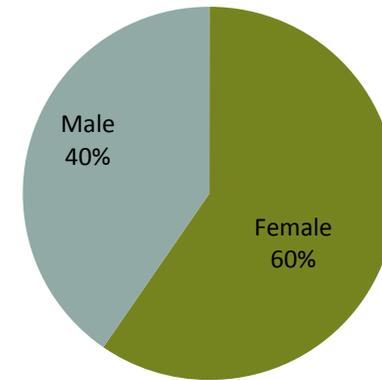
How often walkers use this trail



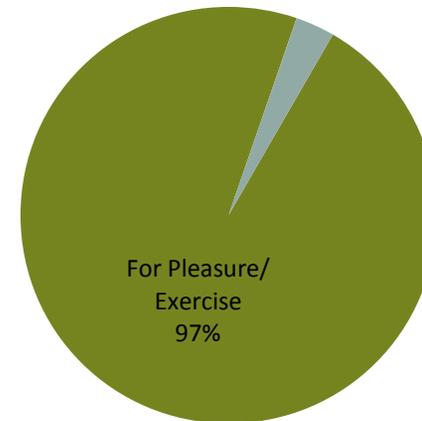
Seasons that walkers use this trail



Gender of walkers surveyed on this trail

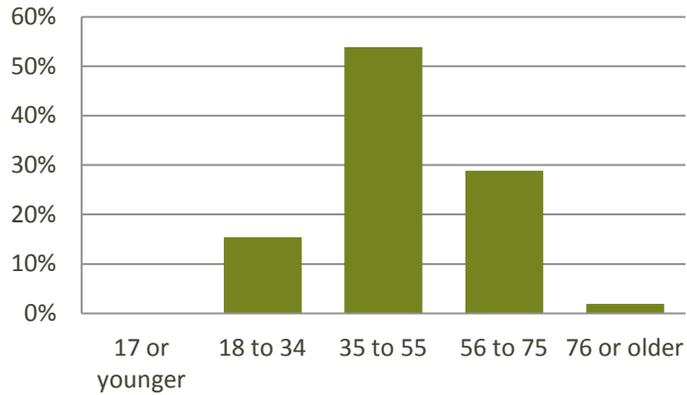


Why joggers use the trail

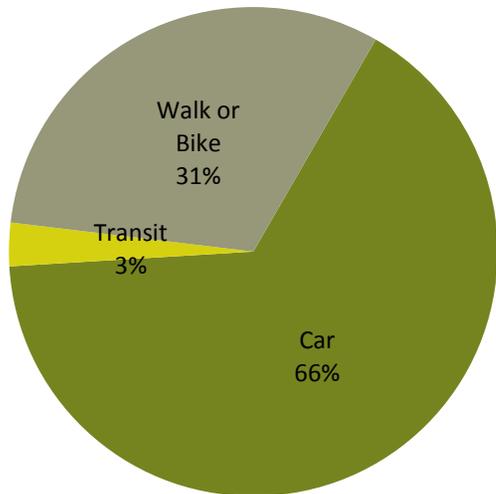


SPRINGWATER IN GRESHAM – SURVEY DATA SUMMARY

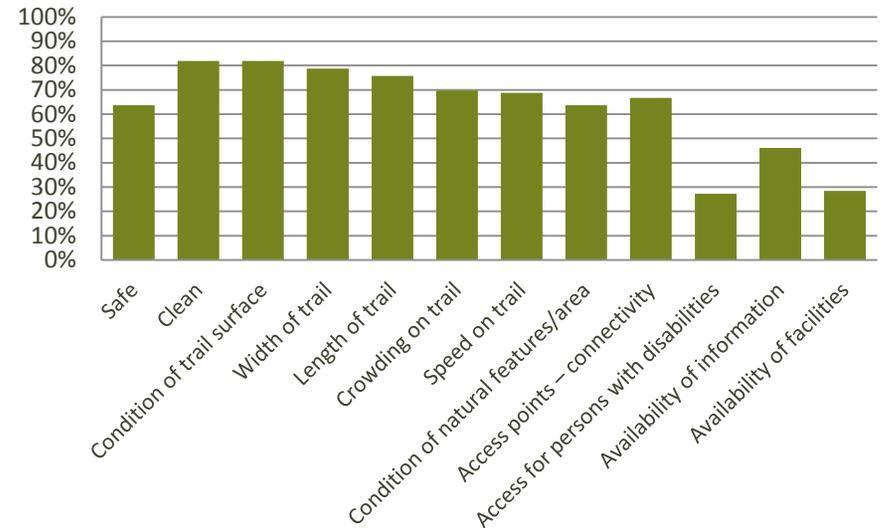
Ages of walkers on this trail



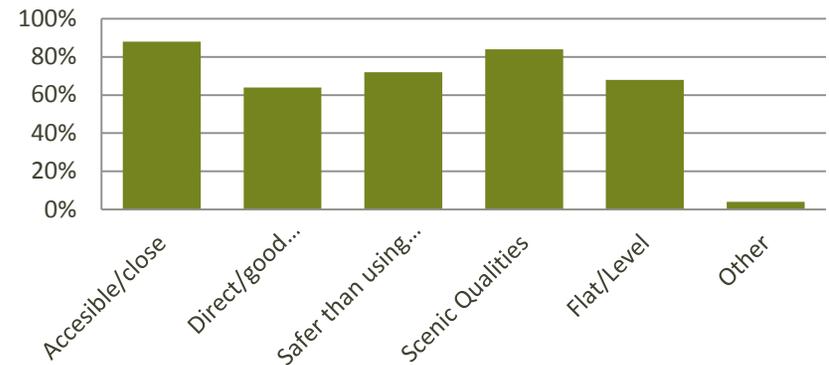
How joggers get to the trail



Share of responses by joggers with "Good" or "Excellent" ratings of the trail attributes

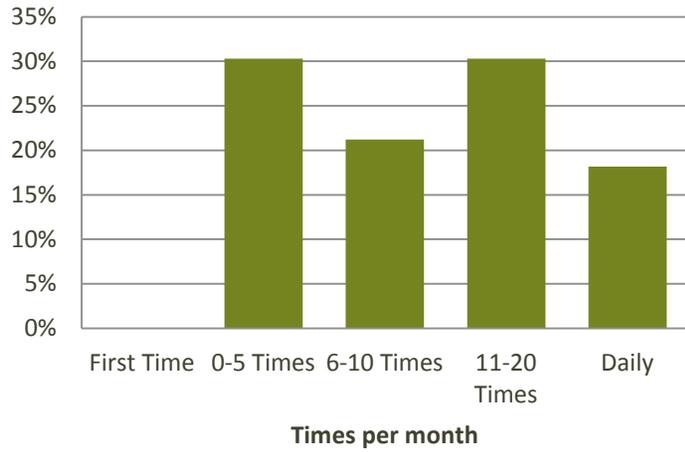


Why joggers use this trail instead of jogging elsewhere

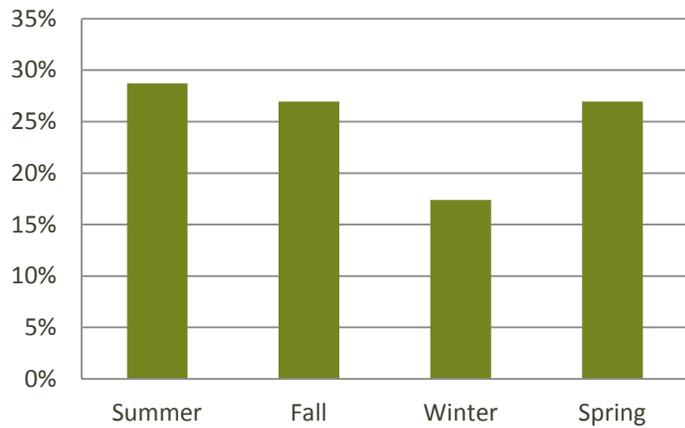


SPRINGWATER IN GRESHAM – SURVEY DATA SUMMARY

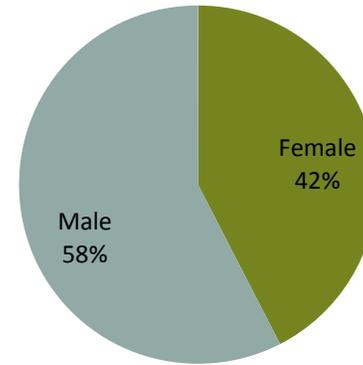
How often joggers use this trail



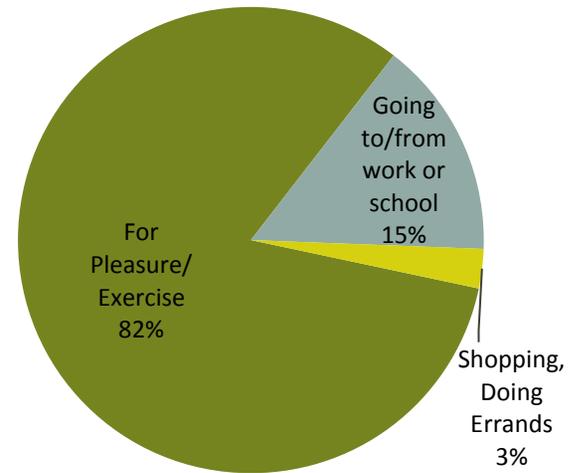
Seasons that joggers use this trail



Gender of joggers surveyed on this trail

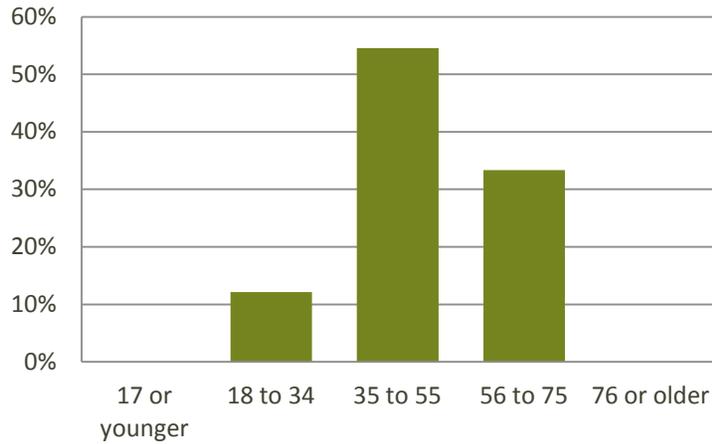


Why people use this trail

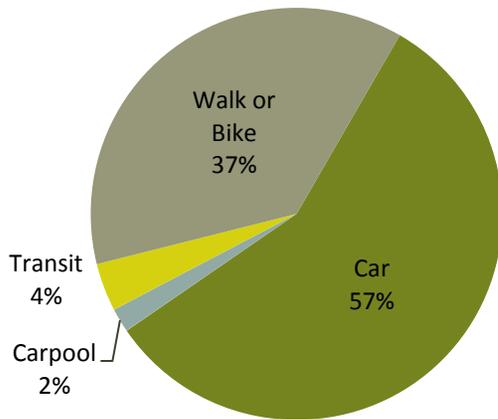


SPRINGWATER IN GRESHAM – SURVEY DATA SUMMARY

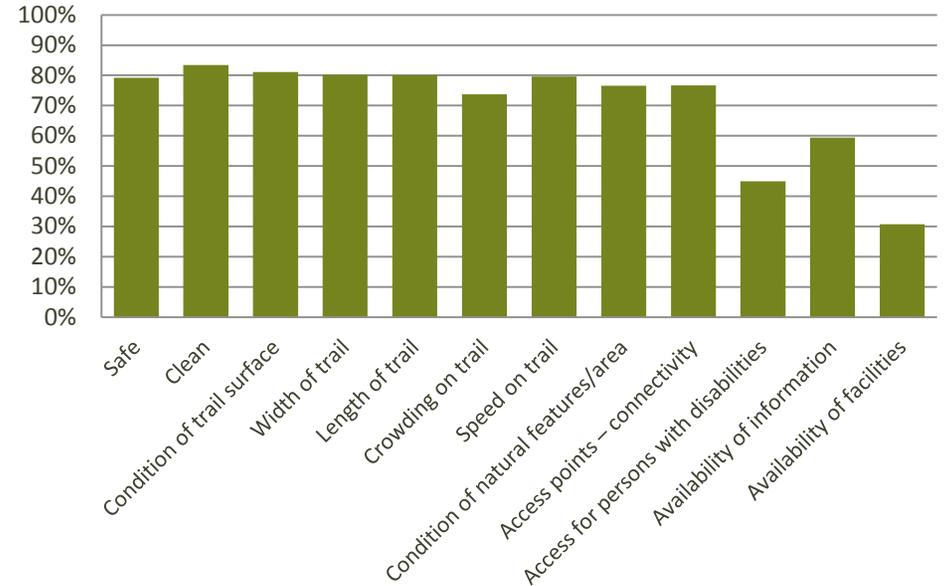
Ages of joggers surveyed on this trail



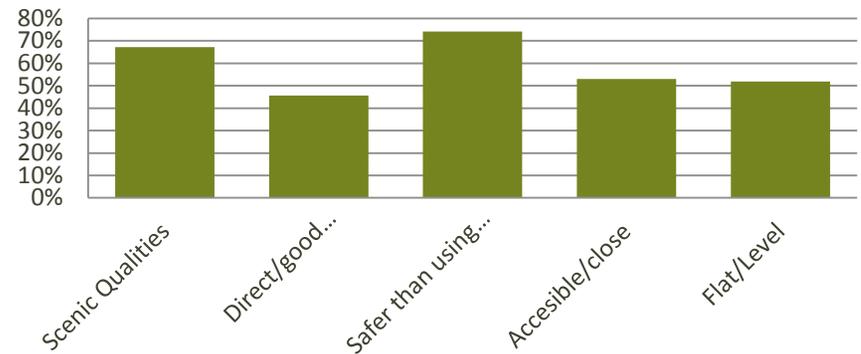
How people get to this trail



Share of responses with "Good" or "Excellent" ratings of the trail attributes

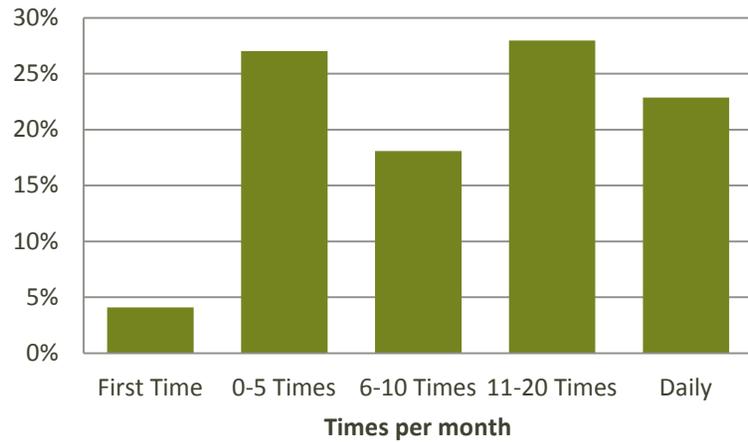


Why people use this trail instead of biking or walking elsewhere

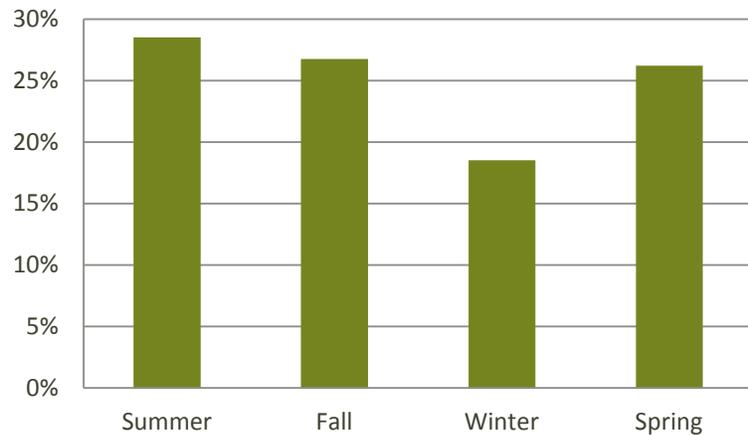


SPRINGWATER IN GRESHAM – SURVEY DATA SUMMARY

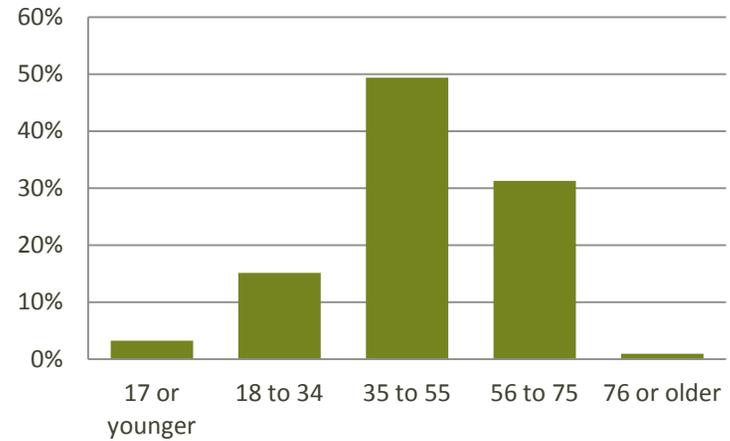
How often people use this trail



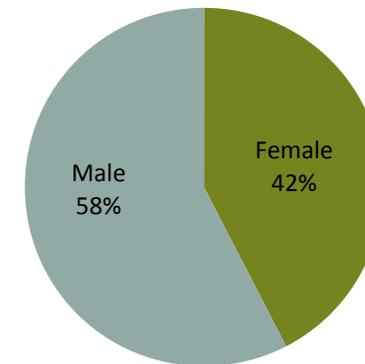
Seasons that people use this trail



Ages of trail users surveyed



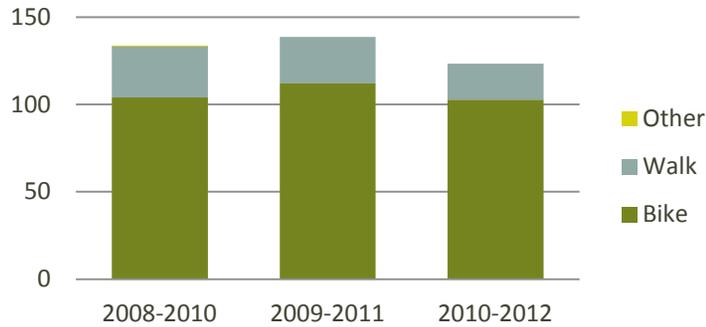
Gender of trail users surveyed



SUNSET HIGHWAY TRAIL

Annual Count Data (Average 2 hour peak counts)	2008	2009	2010	2011	2012
Site 131 – Weekday					
Bike	102	147	63	126	119
Walk	34	29	25	26	11
Other	1	0	0	0	0
Total	137	176	88	152	130

Average 2 Hour Peak Usage by Mode



Estimated Average Usage

(2010-2012 rolling average, all user types)

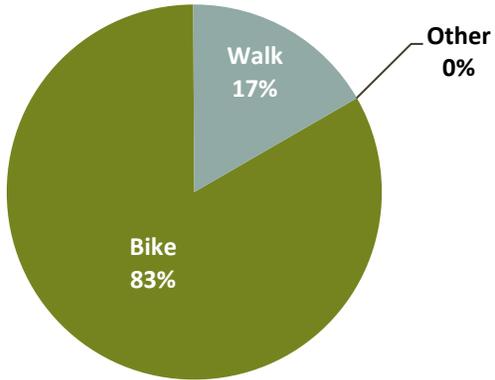
DAILY: 1,130
WEEKLY: 7,900
MONTHLY: 34,000
YEARLY: 410,000



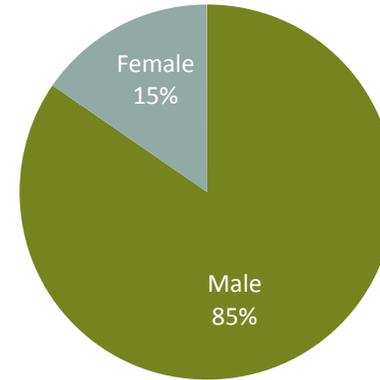
<i>Survey sample size</i>	
Walking	3
Biking	17
Jogging	3
Other	0
Total	23

SUNSET HIGHWAY TRAIL – COUNT DATA SUMMARY

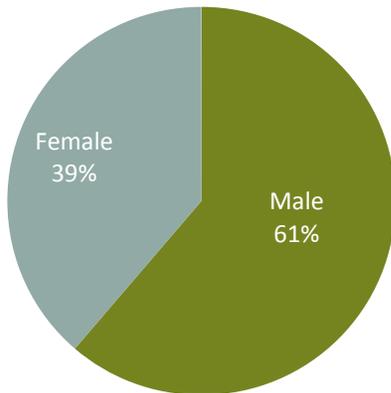
2010-2012 Mode Split



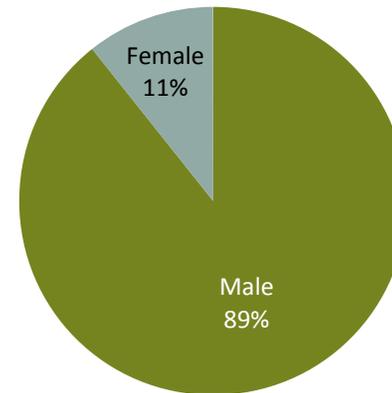
2010-2012 Observed Gender - All Users



2010-2012 Observed Gender - Pedestrians

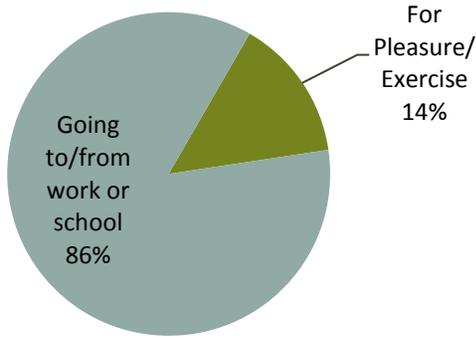


2010-2012 Observed Gender - Bicyclists

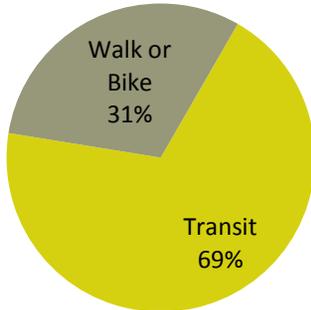


SUNSET HIGHWAY TRAIL – SURVEY DATA SUMMARY

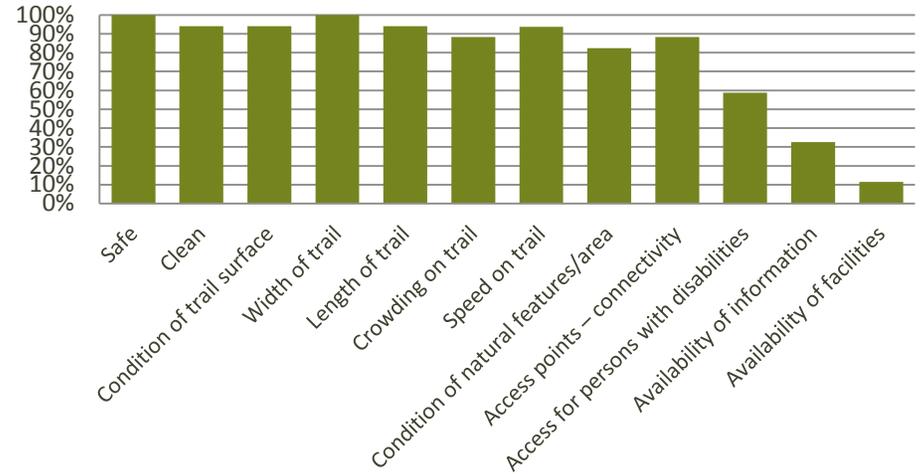
Why people on bikes use the trail



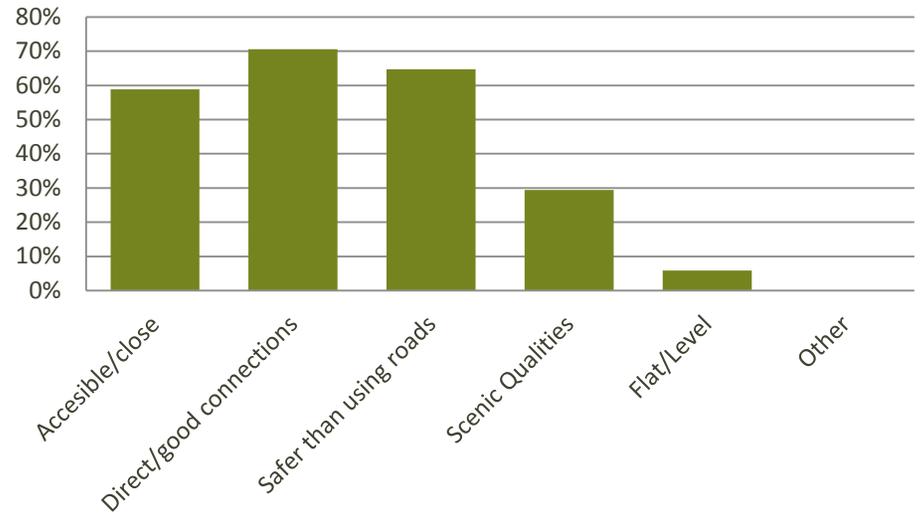
How people on bikes get to the trail



Share of responses by people on bikes with "Good" or "Excellent" ratings of the trail attributes

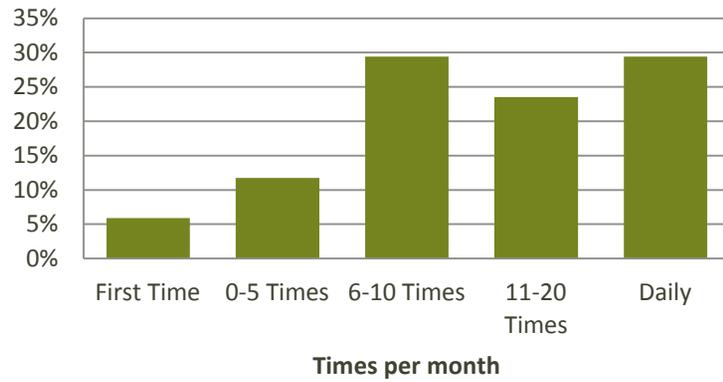


Why are people on bikes using this trail instead of riding elsewhere?

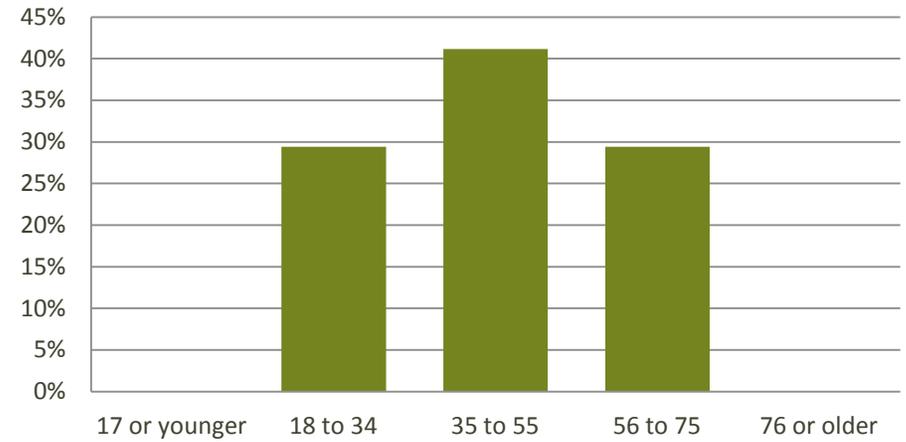


SUNSET HIGHWAY TRAIL – SURVEY DATA SUMMARY

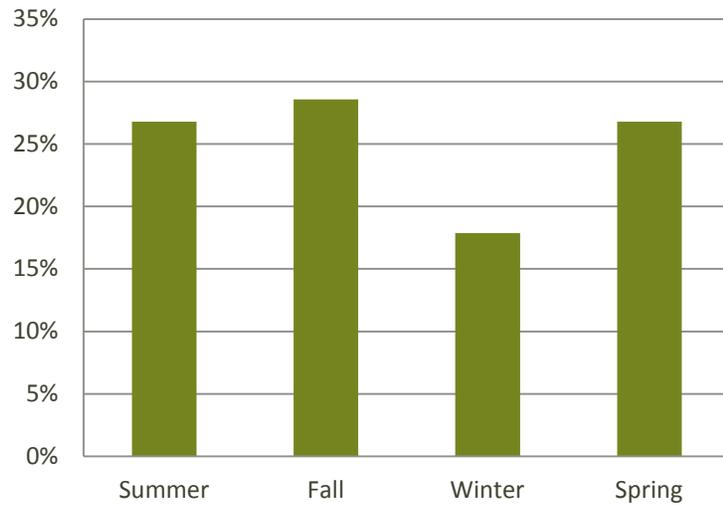
How often people on bikes use this trail



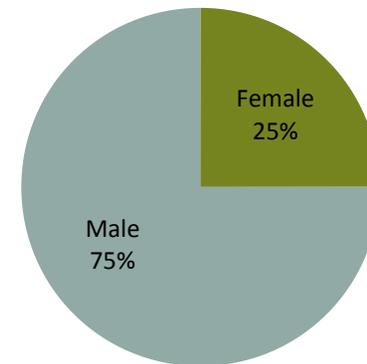
Ages of people on bikes on this trail



Seasons that people on bikes use this trail



Gender of people on bikes surveyed on this trail



SUNSET HIGHWAY TRAIL – SURVEY DATA SUMMARY

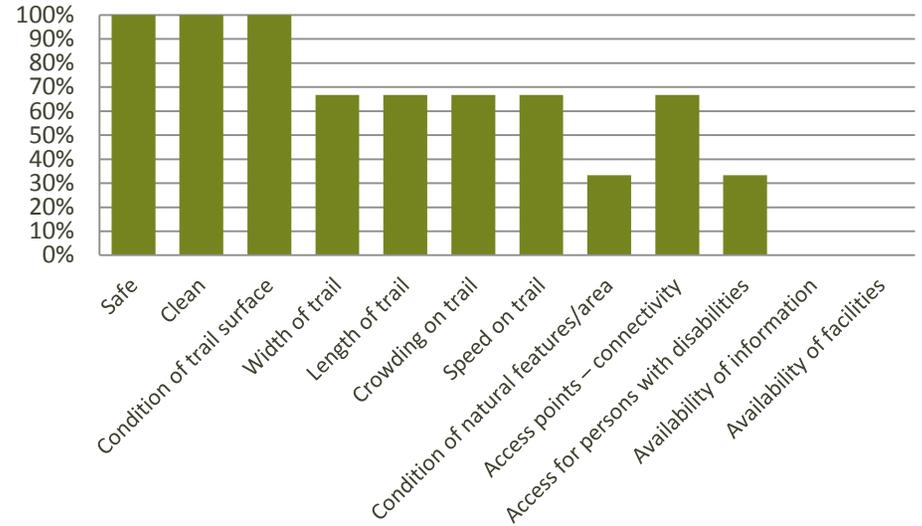
Why walkers use the trail



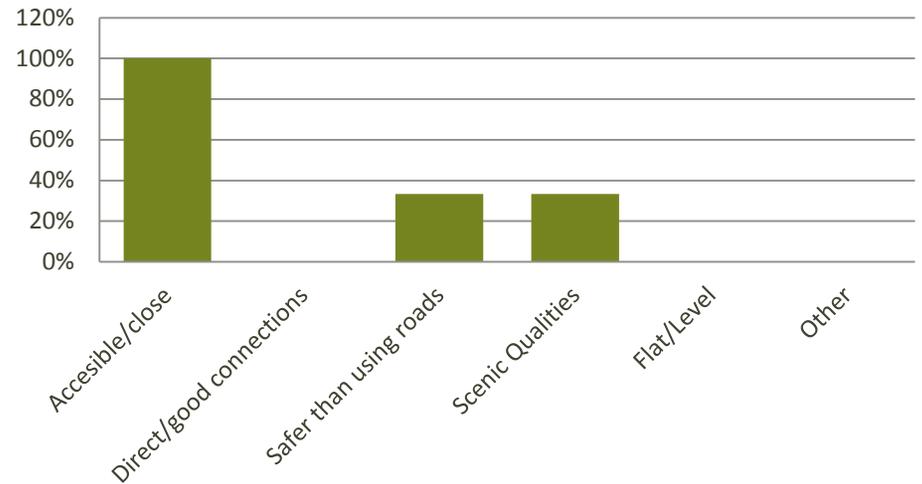
How walkers get to the trail



Share of responses by people walking with "Good" or "Excellent" ratings of the trail attributes

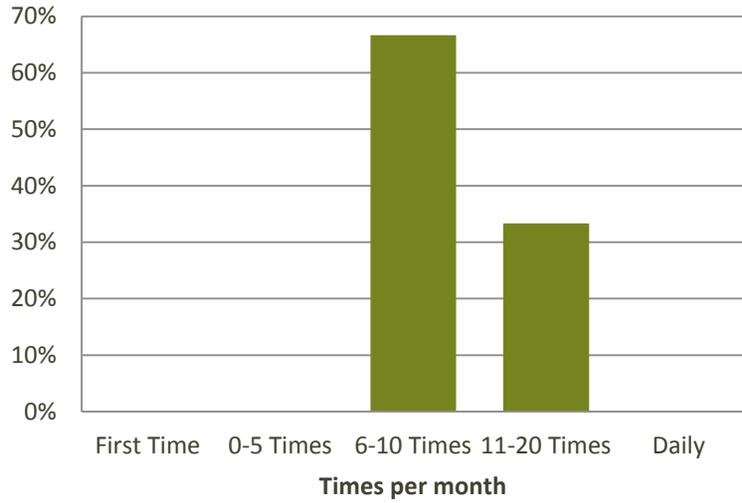


Why walkers use this trail instead of walking elsewhere

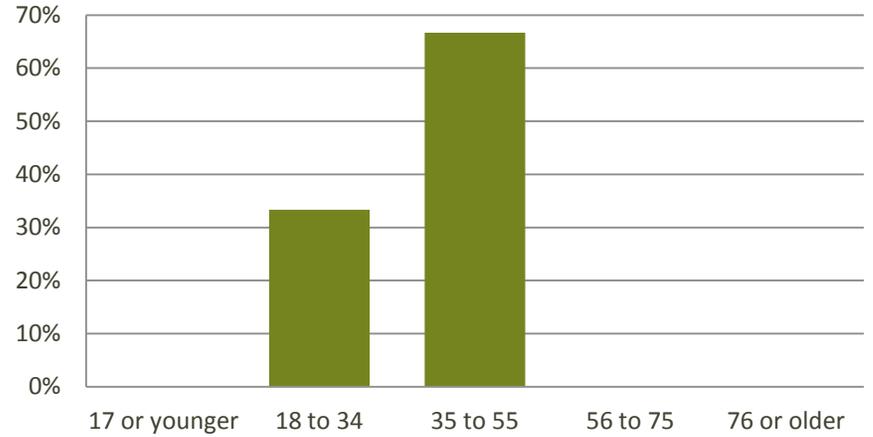


SUNSET HIGHWAY TRAIL – SURVEY DATA SUMMARY

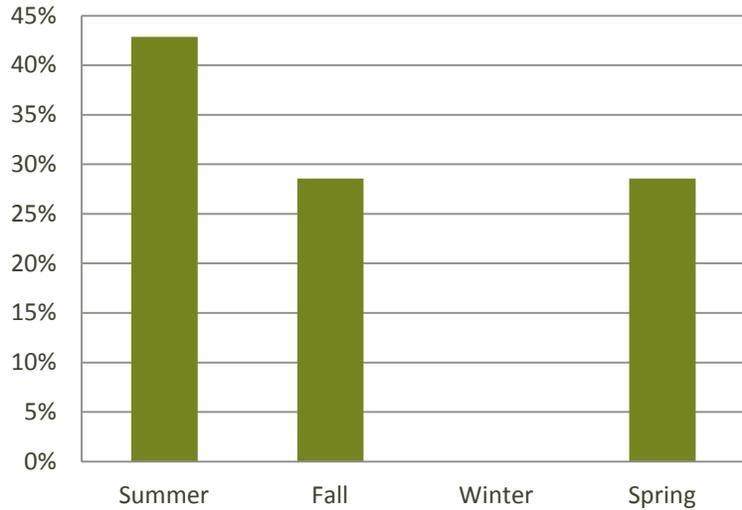
How often walkers use this trail



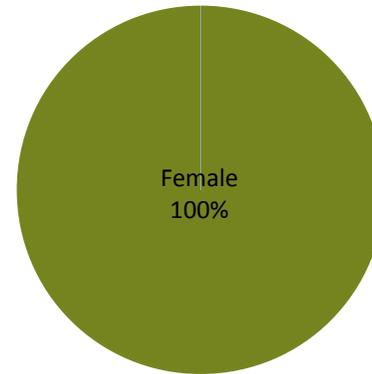
Ages of walkers surveyed on this trail



Seasons that walkers use this trail



Gender of walkers surveyed on this trail

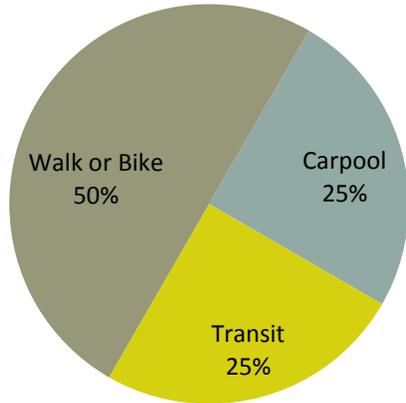


SUNSET HIGHWAY TRAIL – SURVEY DATA SUMMARY

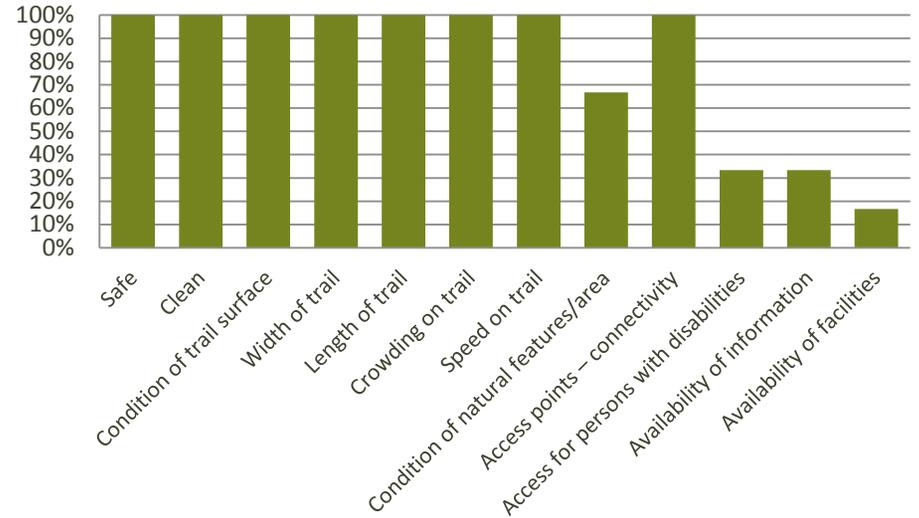
Why joggers use the trail



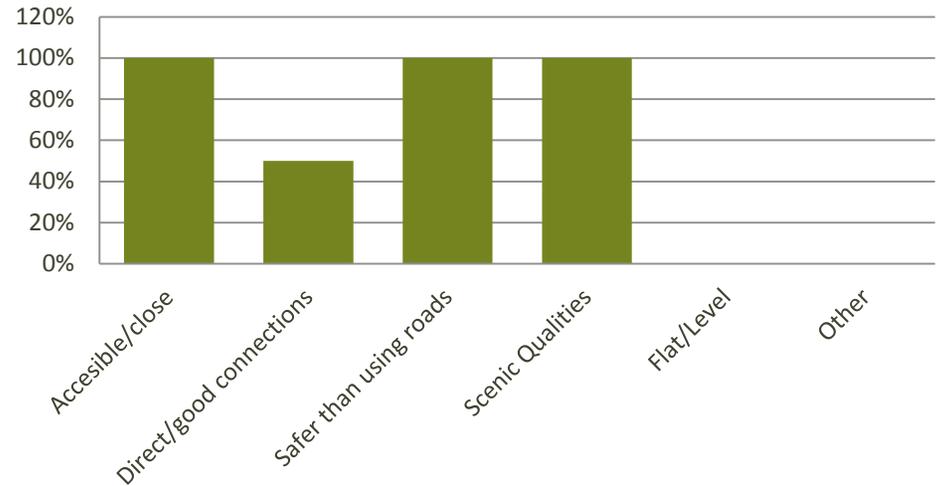
How joggers get to the trail



Share of responses by joggers with "Good" or "Excellent" ratings of the trail attributes

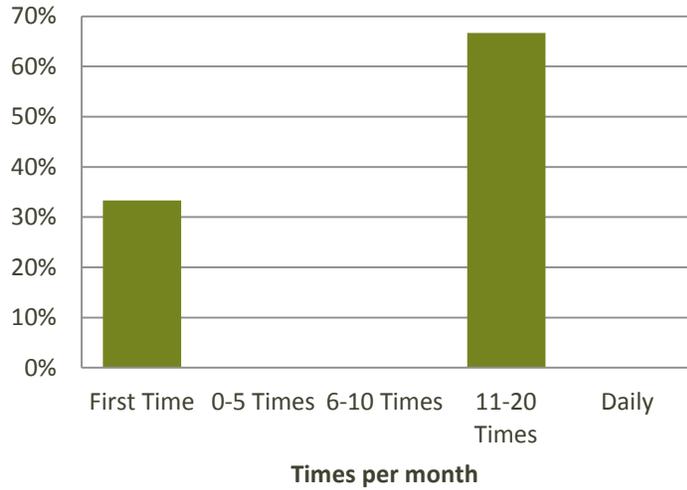


Why joggers use this trail instead of jogging elsewhere

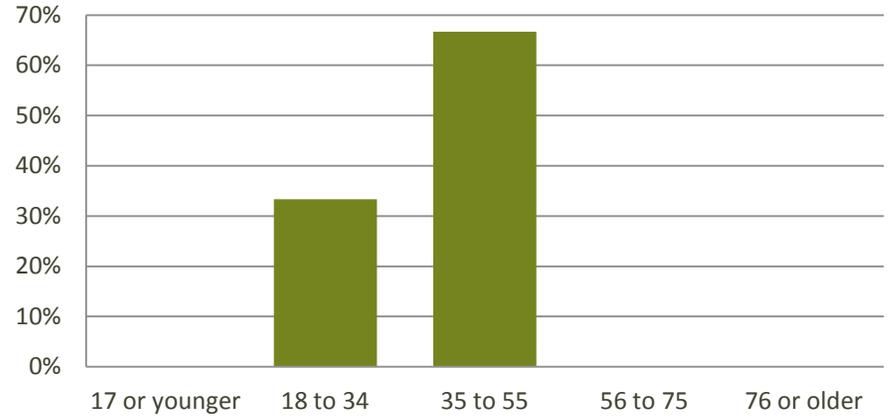


SUNSET HIGHWAY TRAIL – SURVEY DATA SUMMARY

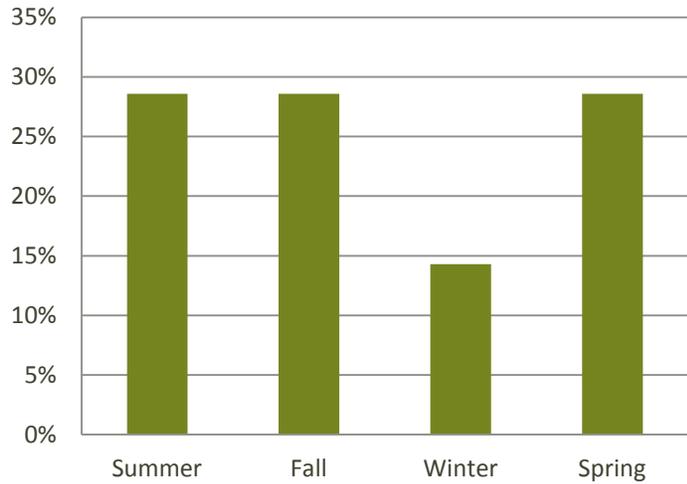
How often joggers use this trail



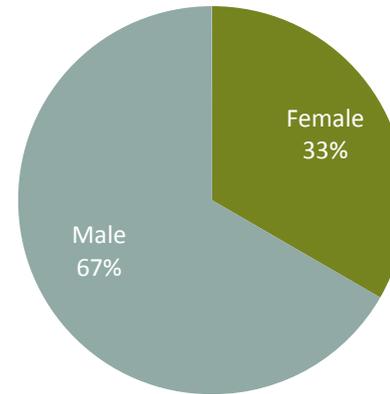
Ages of joggers surveyed on this trail



Seasons that joggers use this trail

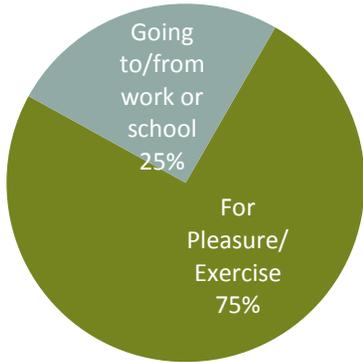


Gender of joggers surveyed on this trail

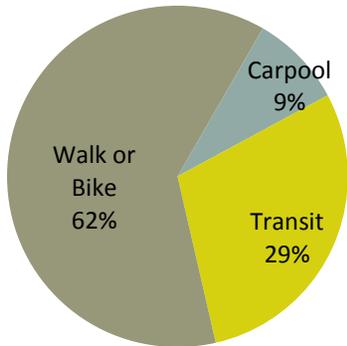


SUNSET HIGHWAY TRAIL – SURVEY DATA SUMMARY

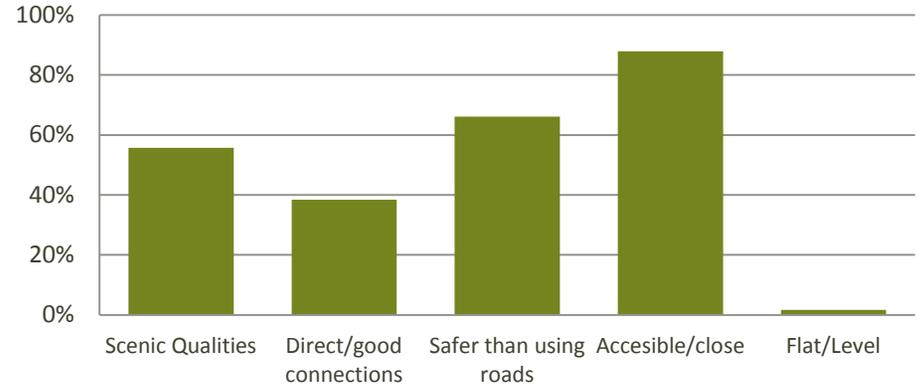
Why people use this trail



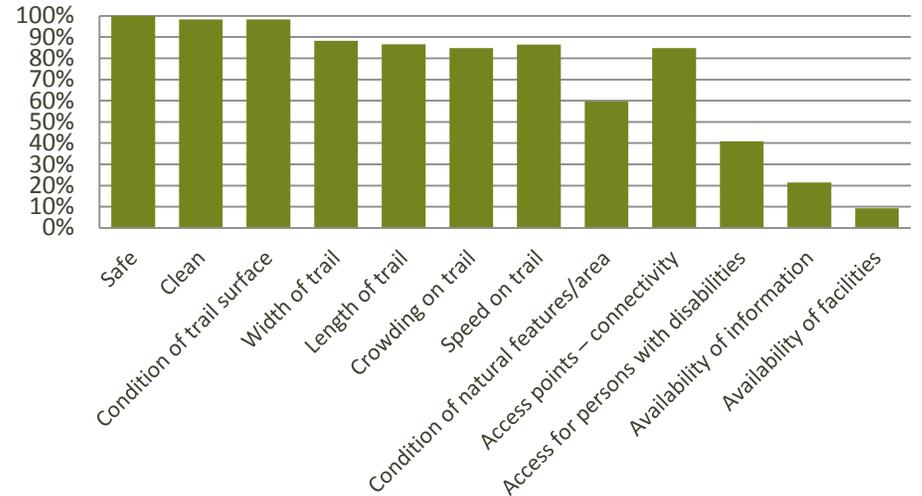
How people get to this trail



Why people use this trail instead of biking or walking elsewhere

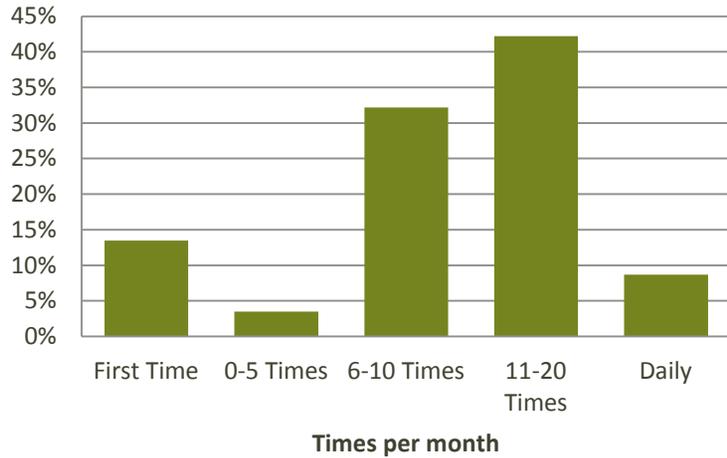


Share of responses with "Good" or "Excellent" ratings of the trail attributes

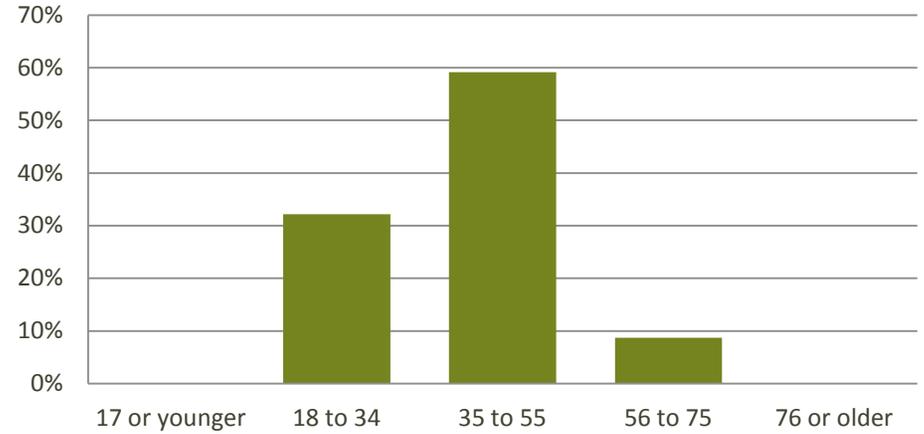


SUNSET HIGHWAY TRAIL – SURVEY DATA SUMMARY

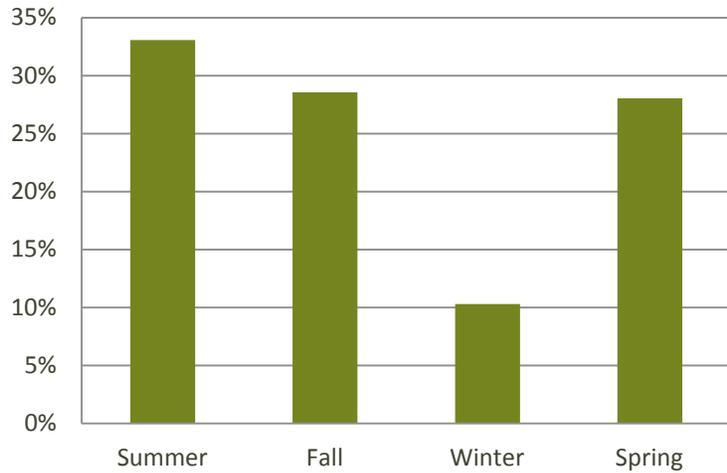
How often people use this trail



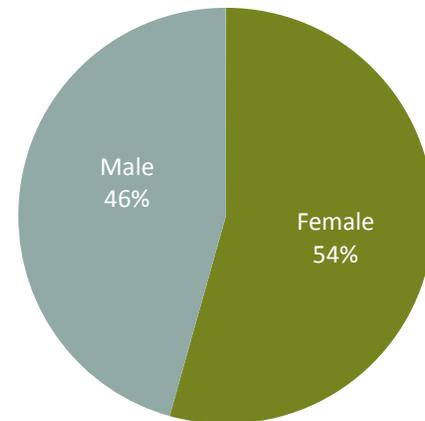
Ages of trail users surveyed



Seasons that people use this trail



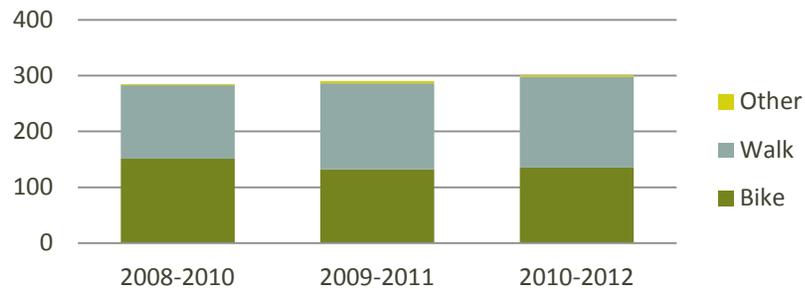
Gender of trail users surveyed



Southwest Portland Willamette Greenway

Annual Count Data (Average 2 hour peak counts)	2008	2009	2010	2011	2012
Site 25 – Weekday					
Bike	170	-	-	114	150
Walk	109	-	-	176	169
Other	0	-	-	6	0
Total	279	-	-	296	319

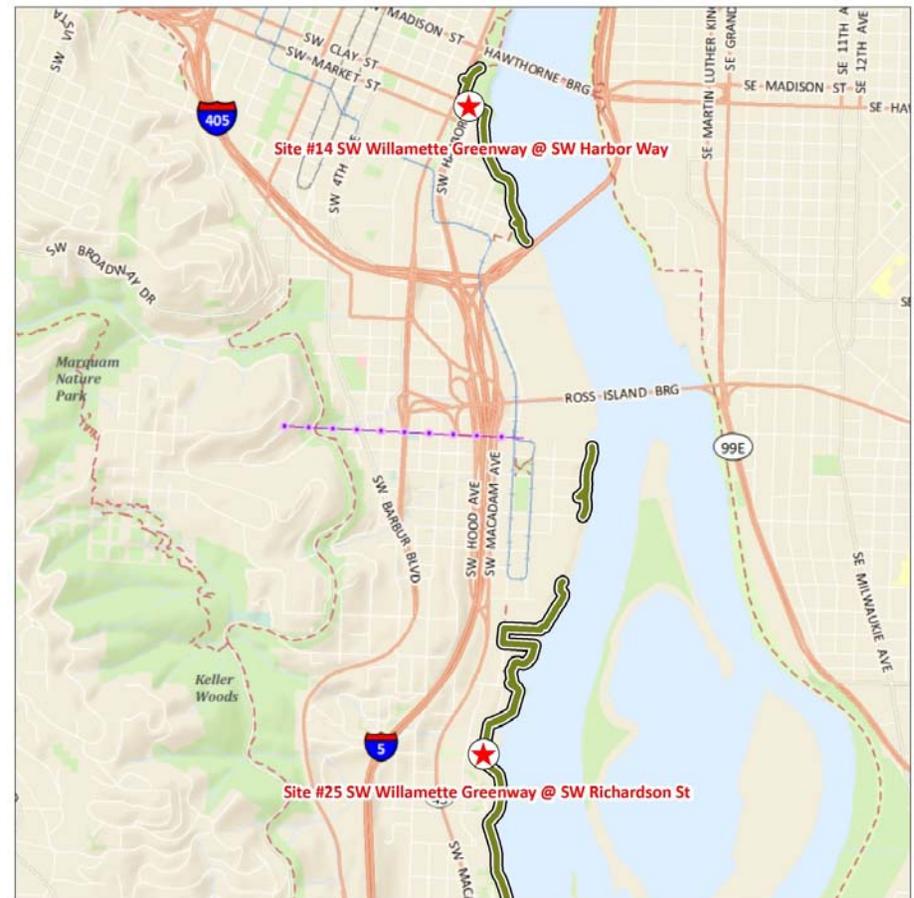
Average 2 Hour Peak Usage by Mode



Estimated Average Usage

(2010-2012 rolling average, all user types)

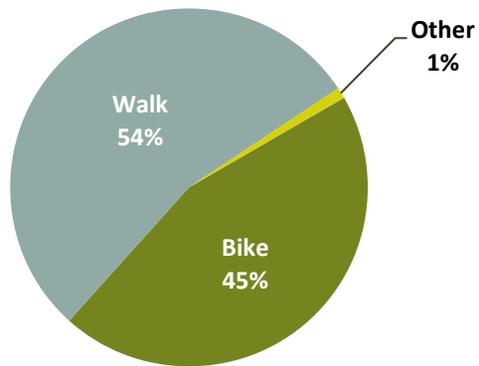
DAILY: 2,760
WEEKLY: 19,400
MONTHLY: 84,000
YEARLY: 1,010,000



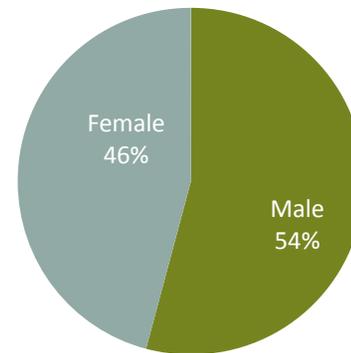
An insufficient number of surveys were collected on this trail for detailed analysis.

SOUTHWEST PORTLAND WILLAMETTE GREENWAY – COUNT DATA SUMMARY

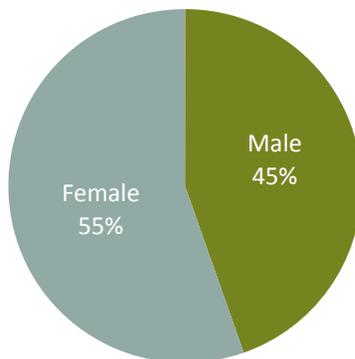
2010-2012 Mode Split



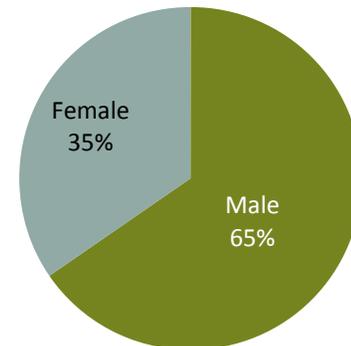
2010-2012 Observed Gender - All Users



2010-2012 Observed Gender - Pedestrians



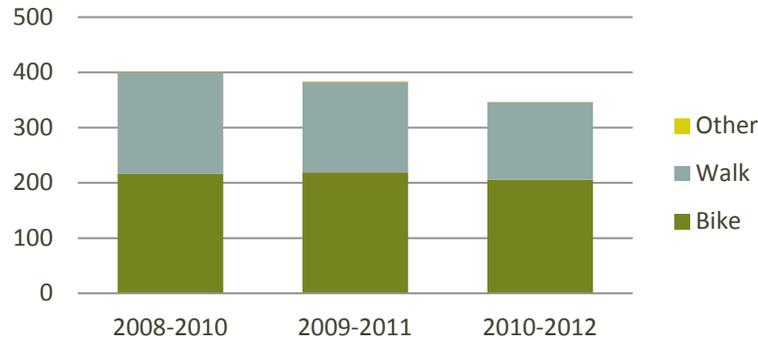
2010-2012 Observed Gender - Bicyclists



TERWILLIGER TRAIL NORTH

Annual Count Data (Average 2 hour peak counts)	2008	2009	2010	2011	2012
Site 144 – Weekday					
Bike	203	233	-	-	192
Walk	212	187	-	-	117
Other	0	1	-	-	0
Total	415	421	-	-	309

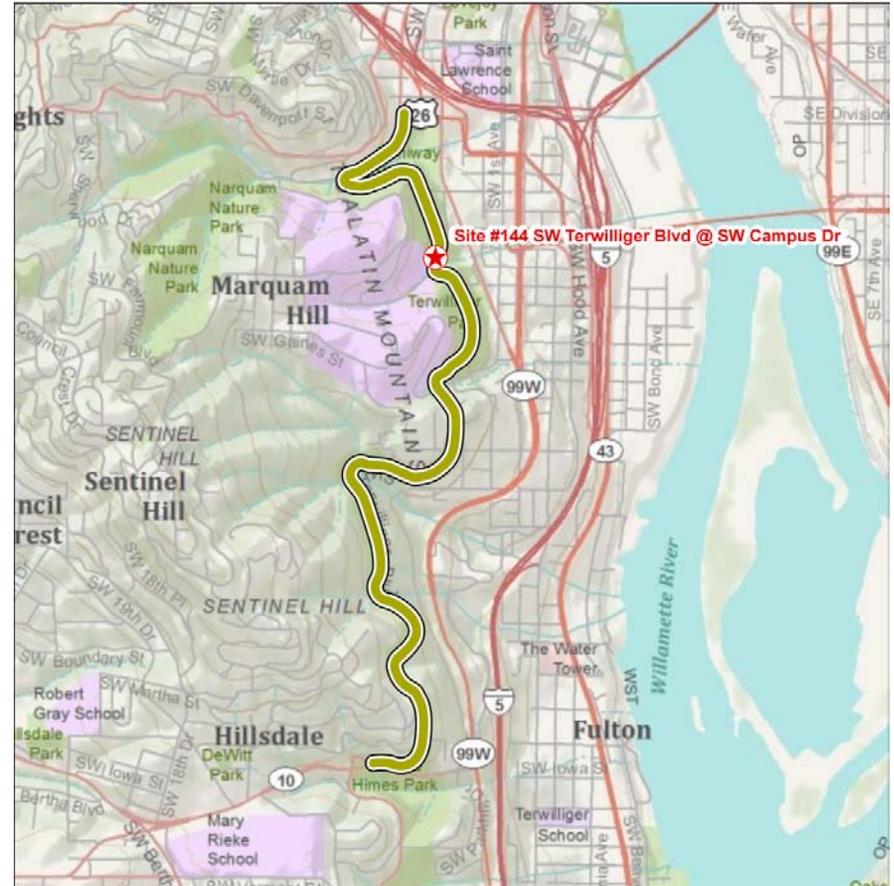
Average 2 Hour Peak Usage by Mode



Estimated Average Usage

(2010-2012 rolling average, all user types)

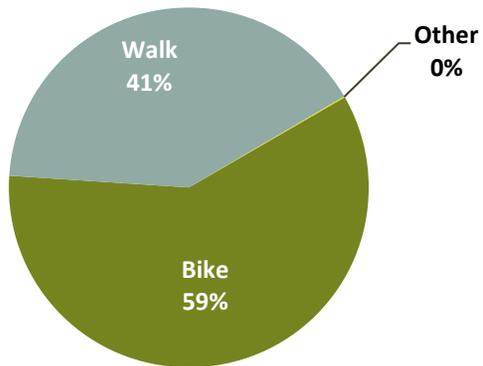
DAILY: 3,180
WEEKLY: 22,300
MONTHLY: 97,000
YEARLY: 1,160,000



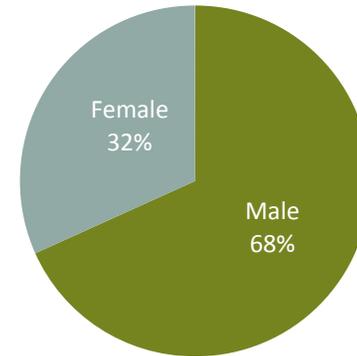
An insufficient number of surveys were collected on this trail for detailed analysis.

TERWILLIGER TRAIL NORTH – COUNT DATA SUMMARY

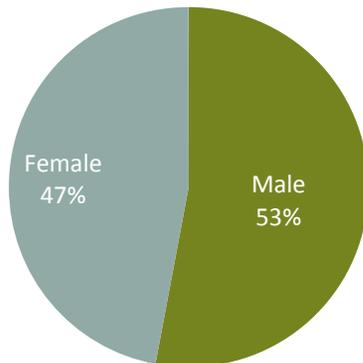
2010-2012 Mode Split



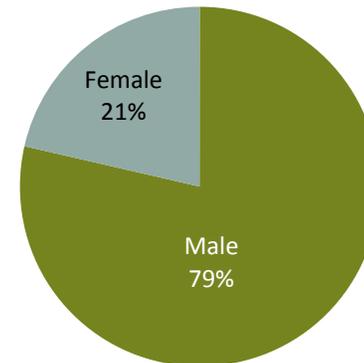
2010-2012 Observed Gender - All Users



2010-2012 Observed Gender - Pedestrians



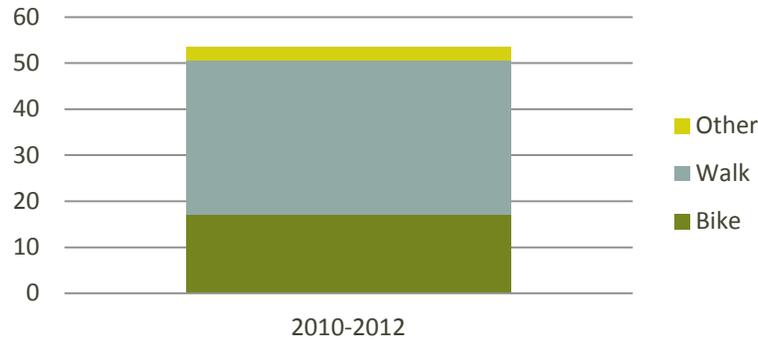
2010-2012 Observed Gender - Bicyclists



TERWILLIGER TRAIL SOUTH

Annual Count Data (Average 2 hour peak counts)	2008	2009	2010	2011	2012
Site 952 – Weekday					
Bike	-	-	-	12	22
Walk	-	-	-	47	20
Other	-	-	-	6	0
Total	-	-	-	65	42

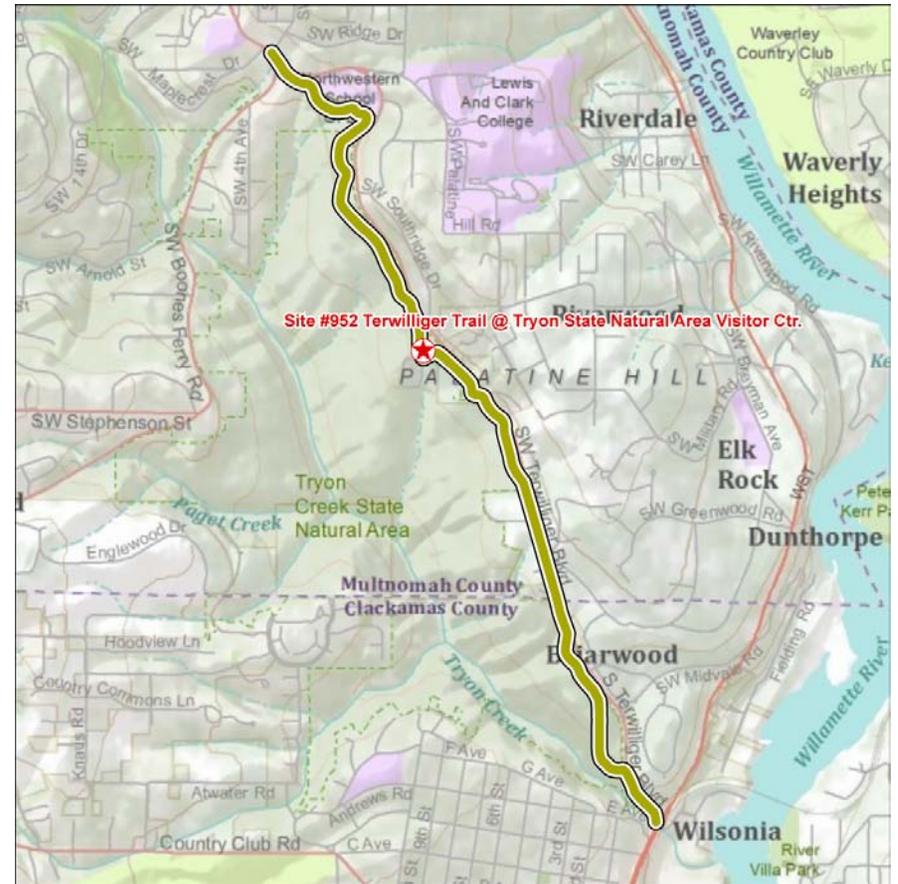
Average 2 Hour Peak Usage by Mode



Estimated Average Usage

(2010-2012 rolling average, all user types)

DAILY: 490
WEEKLY: 3,400
MONTHLY: 15,000
YEARLY: 180,000



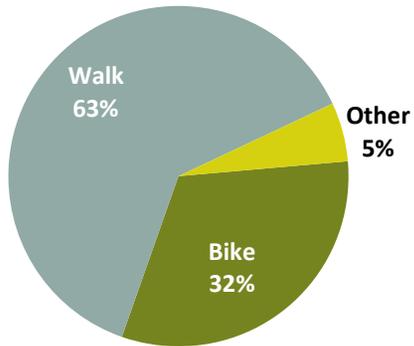
Survey Sample Size

Walking	13
Biking*	1
Jogging	9
Other	2
Total	25

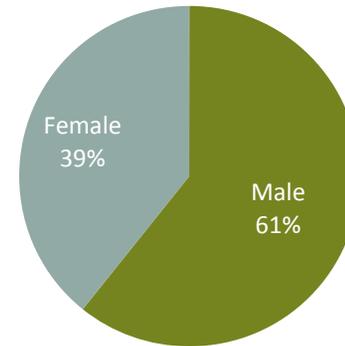
**An insufficient number of surveys were collected on this trail for analysis of this mode*

TERWILLIGER TRAIL SOUTH – COUNT DATA SUMMARY

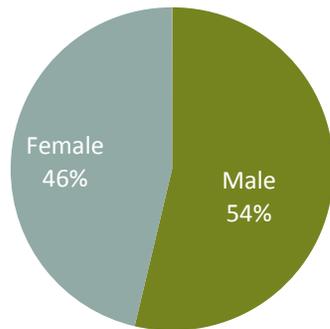
2010-2012 Mode Split



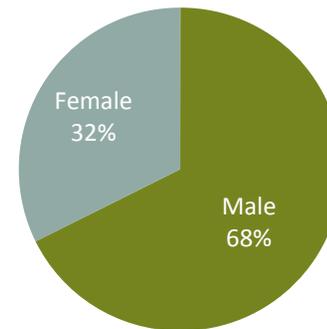
2010-2012 Observed Gender - All Users



2010-2012 Observed Gender - Pedestrians



2010-2012 Observed Gender - Bicyclists

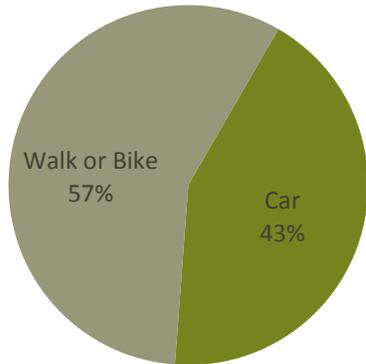


TERWILLIGER TRAIL SOUTH – SURVEY SUMMARY

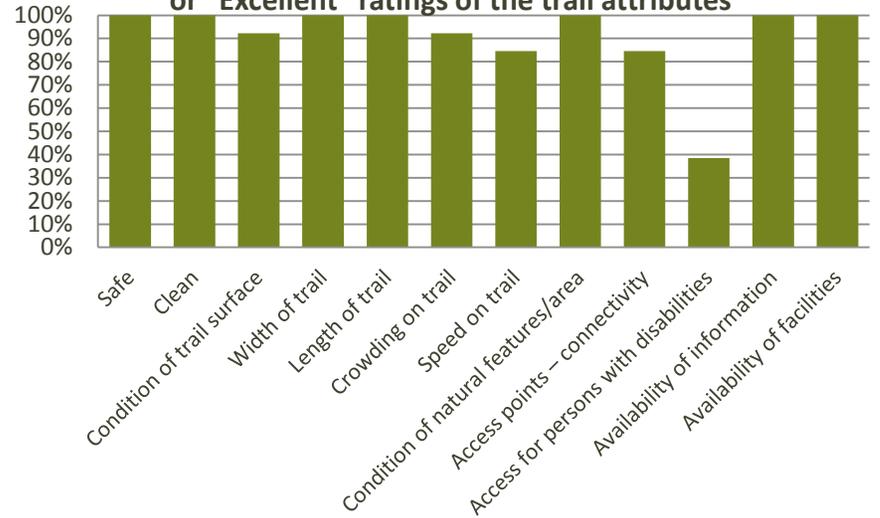
Why walkers use the trail



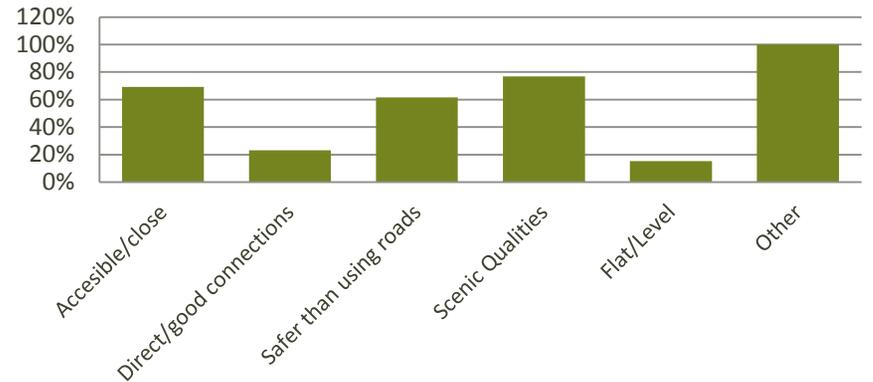
How walkers get to the trail



Share of responses by people walking with "Good" or "Excellent" ratings of the trail attributes

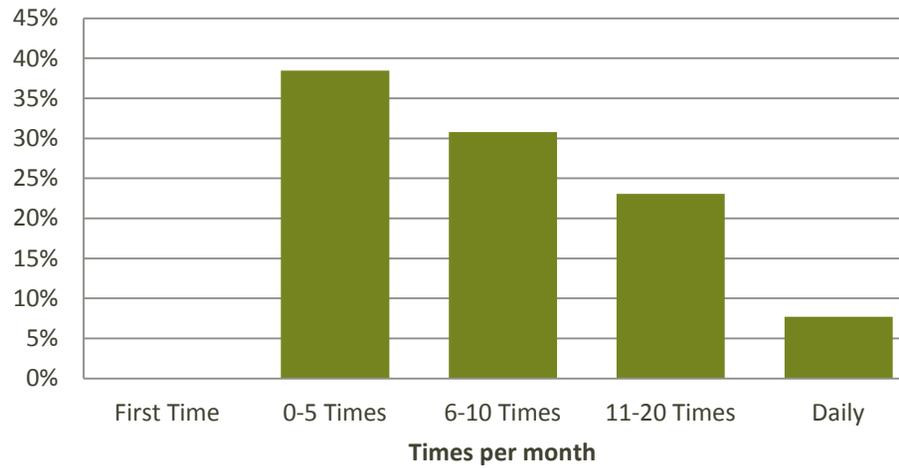


Why walkers use this trail instead of walking elsewhere

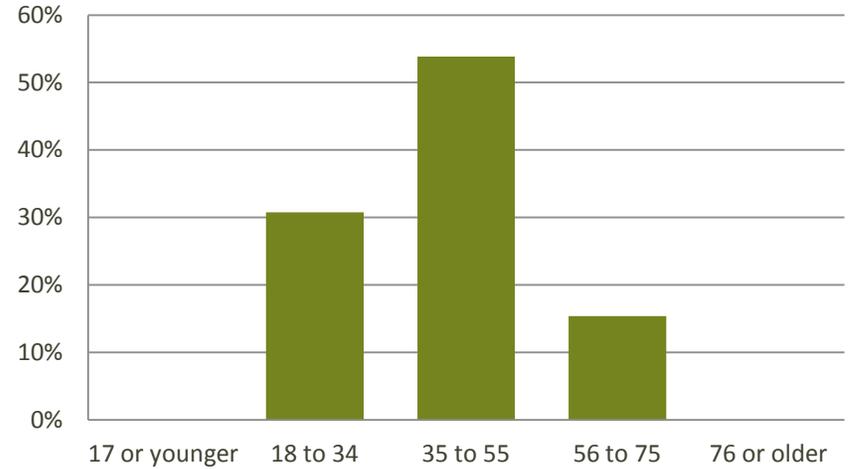


TERWILLIGER TRAIL SOUTH – SURVEY SUMMARY

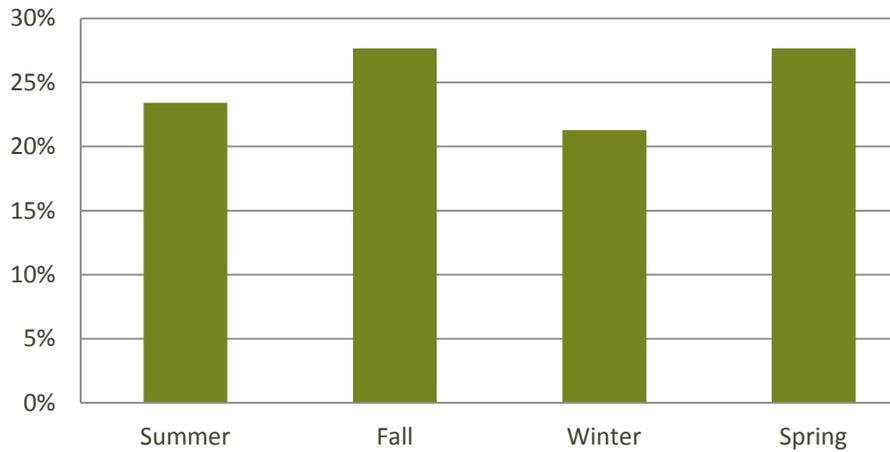
How often walkers use this trail



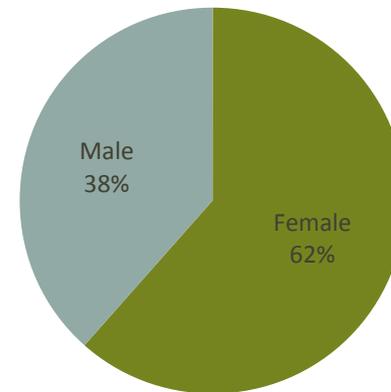
Ages of walkers on this trail



Seasons that walkers use this trail



Gender of walkers surveyed on this trail

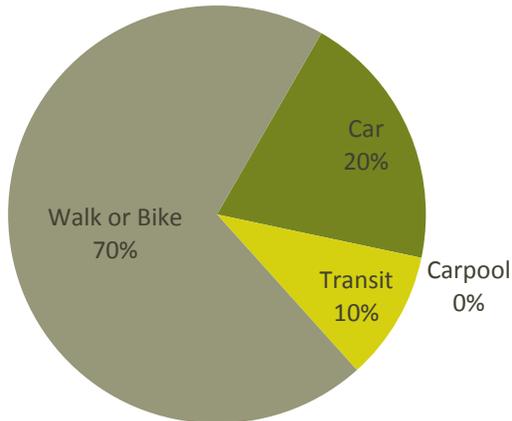


TERWILLIGER TRAIL SOUTH – SURVEY SUMMARY

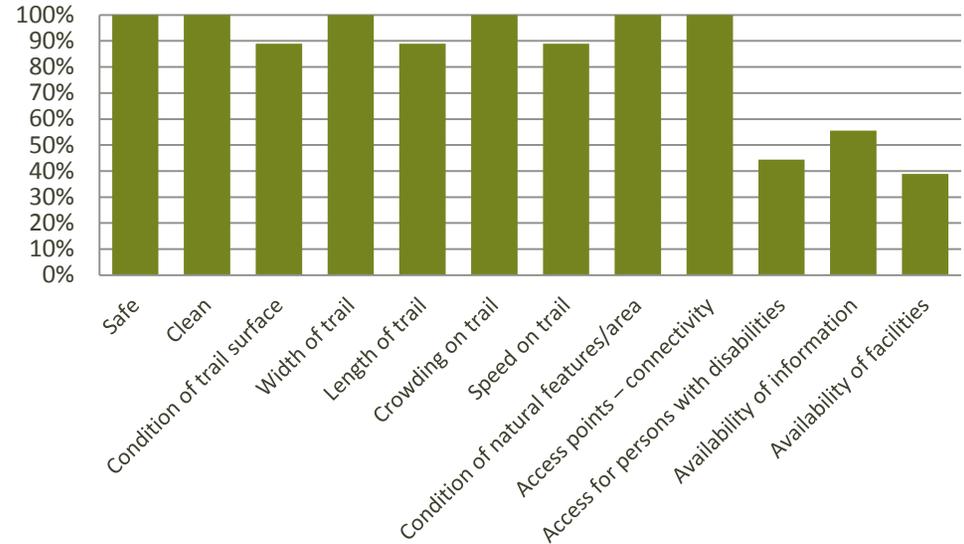
Why joggers use the trail



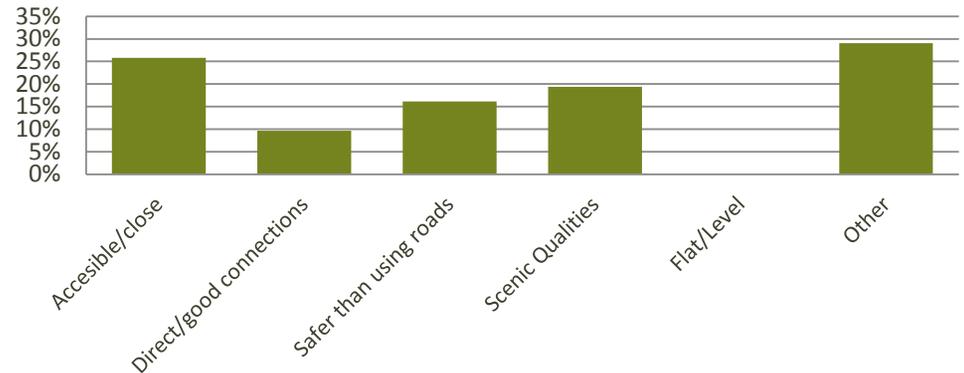
How joggers get to the trail



Share of responses by joggers with "Good" or "Excellent" ratings of the trail attributes

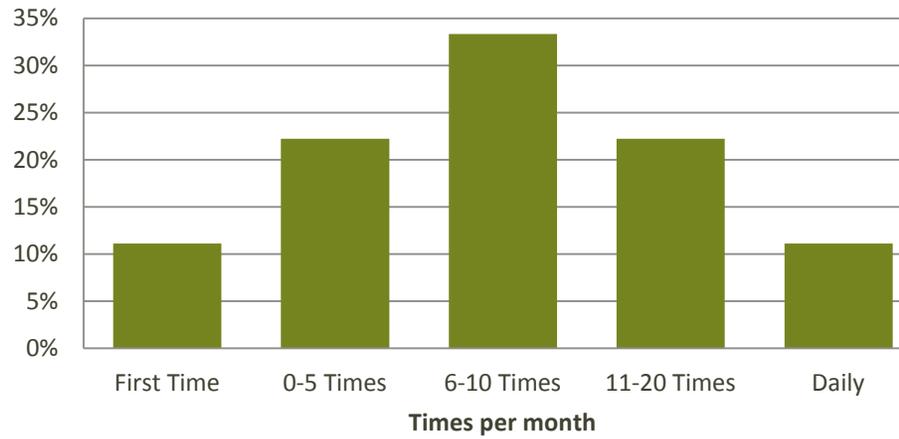


Why are people jogging using this trail instead of jogging elsewhere?

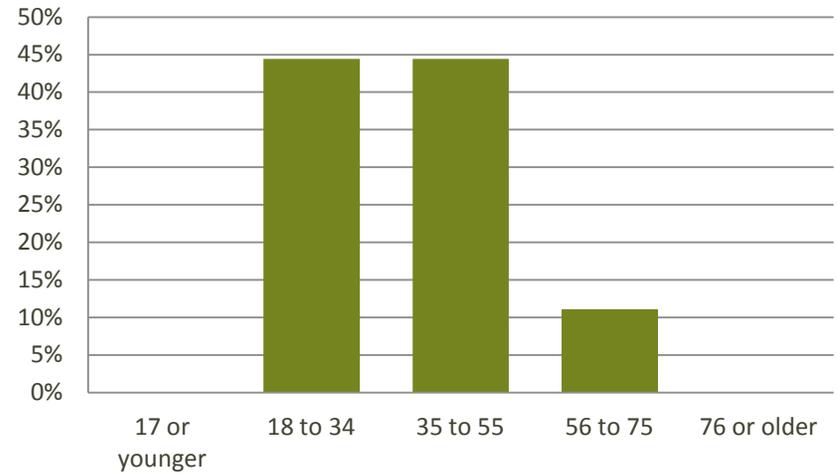


TERWILLIGER TRAIL SOUTH – SURVEY SUMMARY

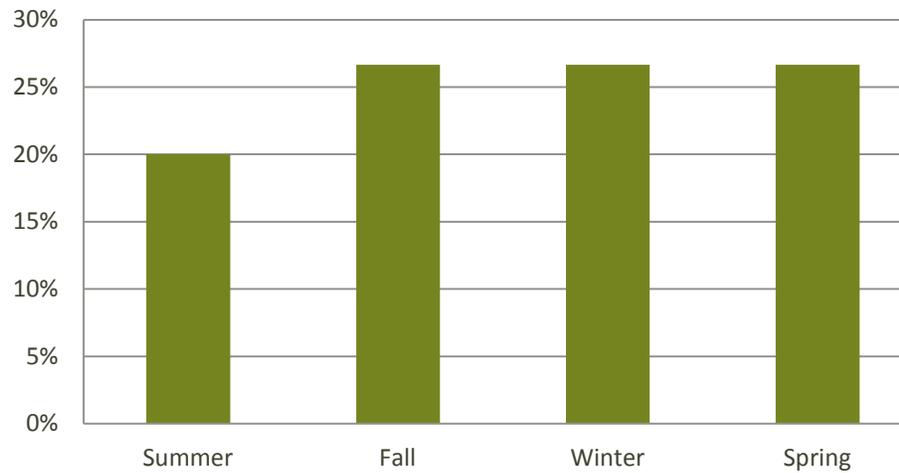
How often joggers use this trail



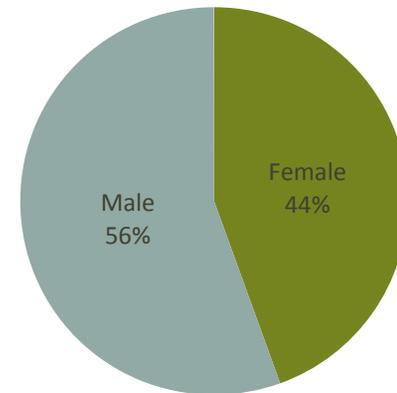
Ages joggers using this trail



Seasons that joggers use this trail



Gender of joggers surveyed using this trail

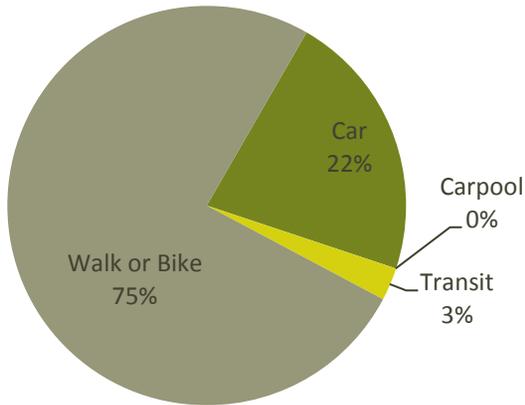


TERWILLIGER TRAIL SOUTH – SURVEY SUMMARY

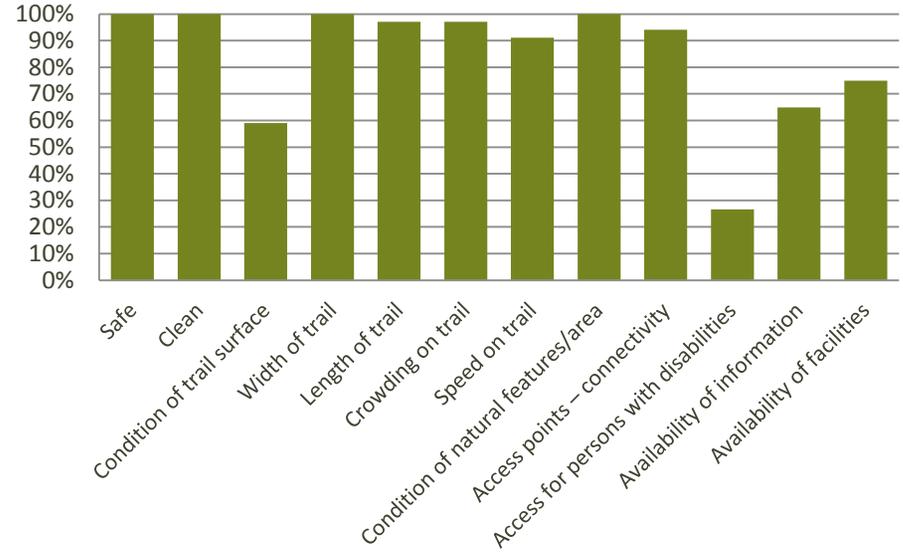
Why people use this trail



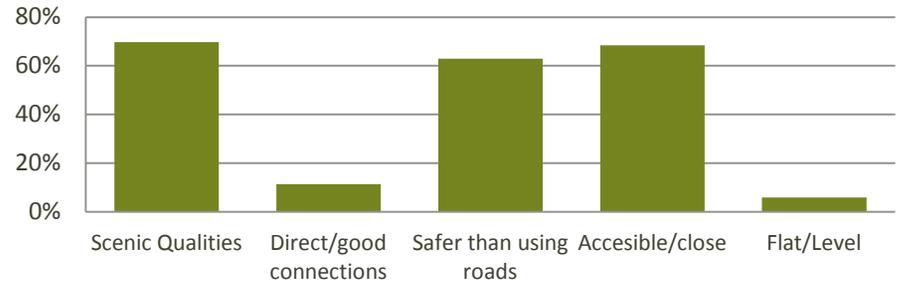
How people get to this trail



Share of responses with "Good" or "Excellent" ratings of the trail attributes

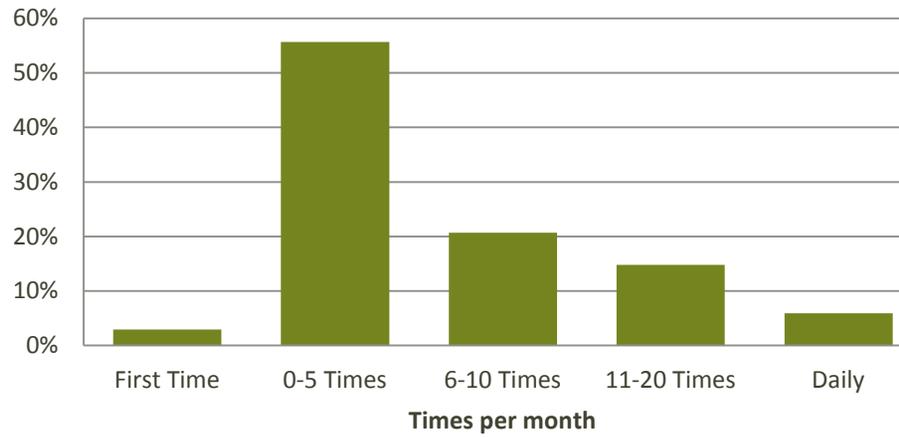


Why people use this trail instead of biking or walking elsewhere

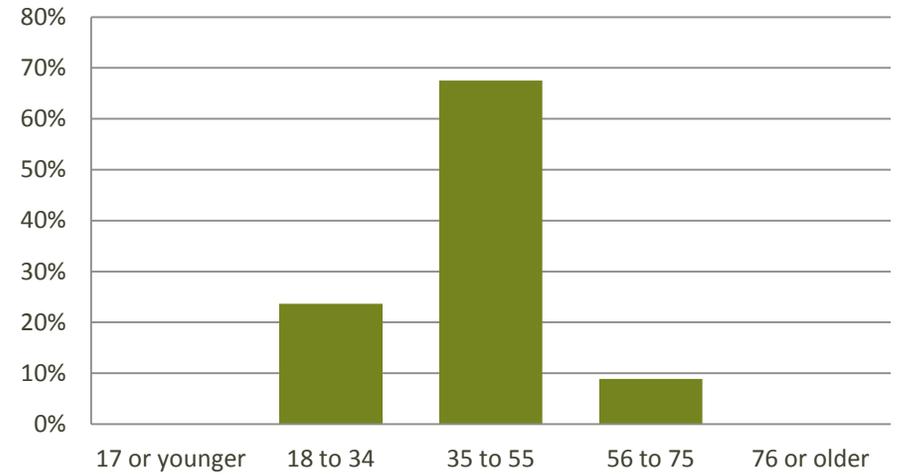


TERWILLIGER TRAIL SOUTH – SURVEY SUMMARY

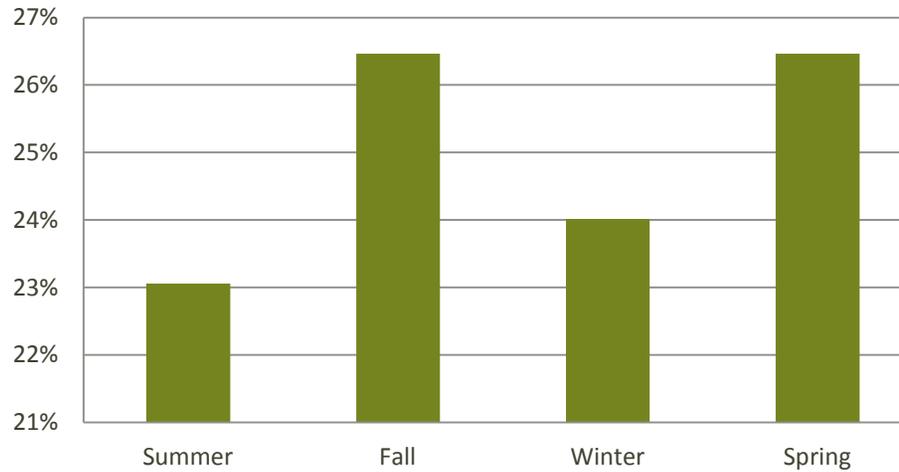
How often people use this trail



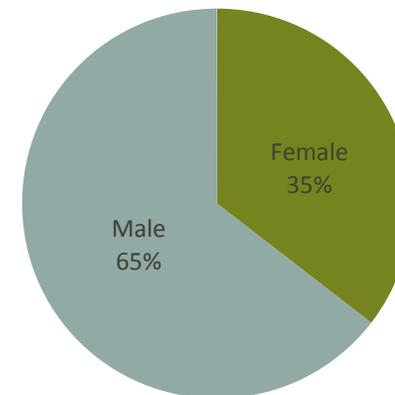
Ages of trail users



Seasons that people use this trail



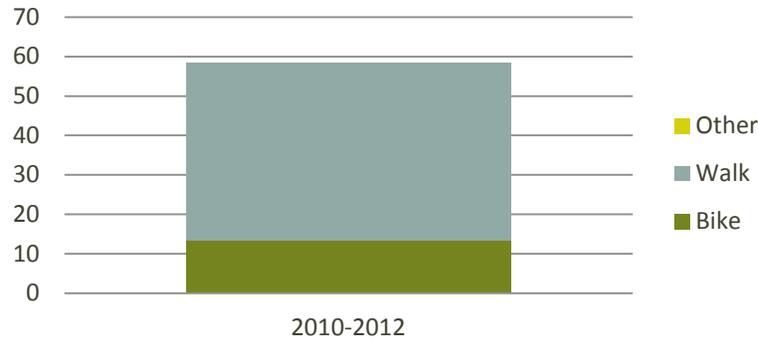
Gender of trail users surveyed



TONQUIN TRAIL

Annual Count Data (Average 2 hour peak counts)	2008	2009	2010	2011	2012
Site 812 – Weekday					
Bike	-	-	26	7	-
Walk	-	-	73	31	-
Other	-	-	0	0	-
Total	-	-	99	38	-

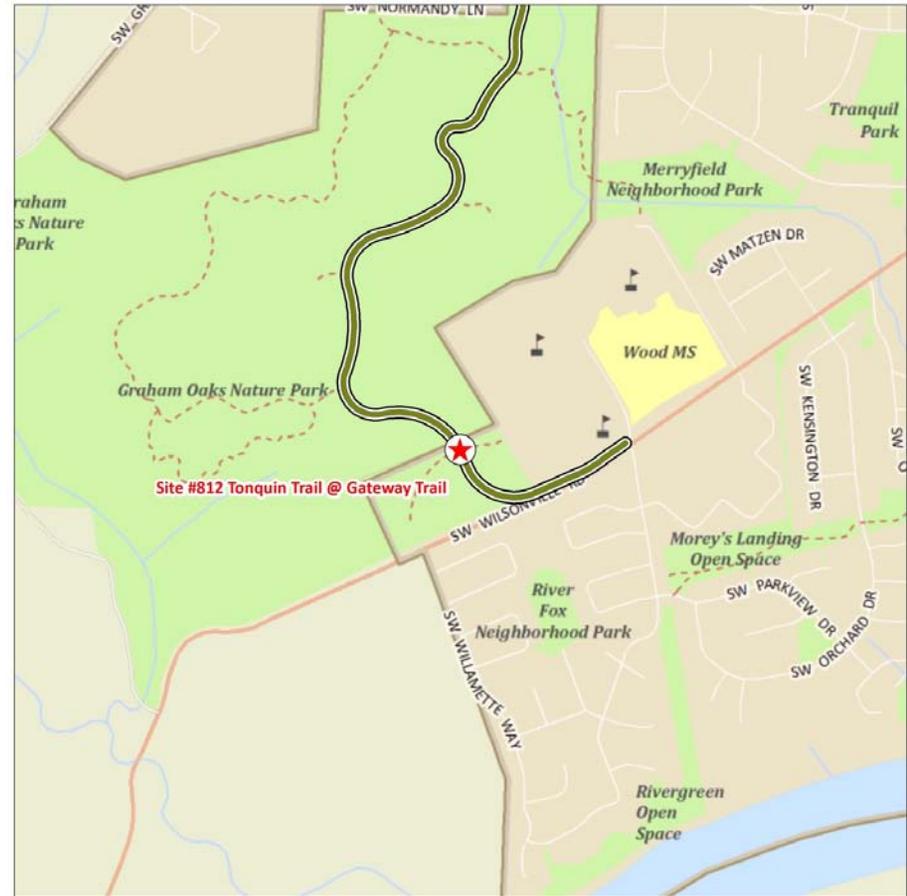
Average 2 Hour Peak Usage by Mode



Estimated Average Usage

(2010-2012 rolling average, all user types)

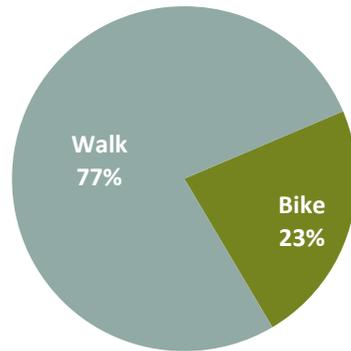
DAILY: 540
WEEKLY: 3,800
MONTHLY: 16,000
YEARLY: 200,000



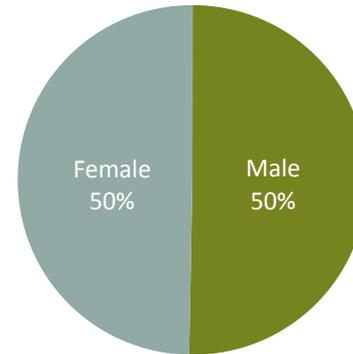
An insufficient number of surveys were collected on this trail for detailed analysis

TONQUIN TRAIL – COUNT DATA SUMMARY

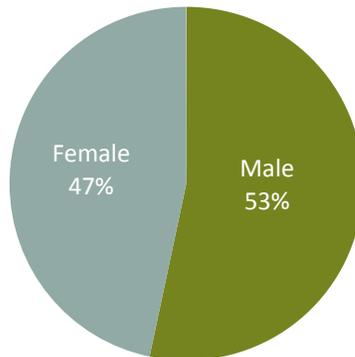
2010-2012 Mode Split



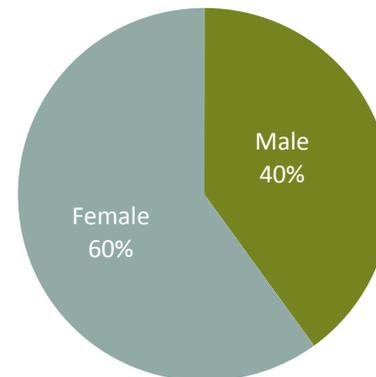
2010-2012 Observed Gender - All Users



2010-2012 Observed Gender - Pedestrians



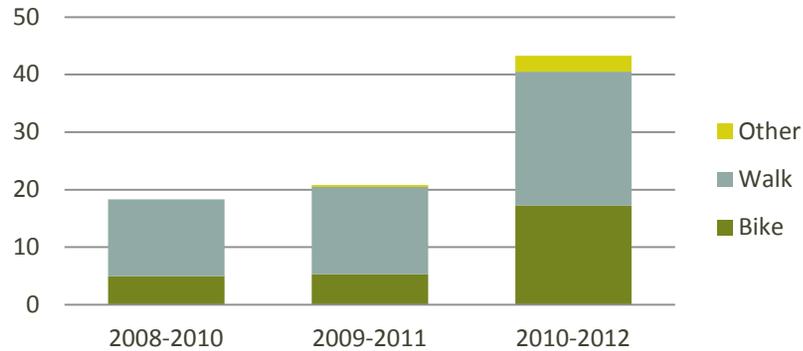
2010-2012 Observed Gender - Bicyclists



TROLLEY TRAIL

Annual Count Data (Average 2 hour peak counts)	2008	2009	2010	2011	2012
Site 218 – Weekday					
Bike	5	6	5	6	41
Walk	15	15	11	21	39
Other	0	0	0	1	7
Total	20	20	15	28	87

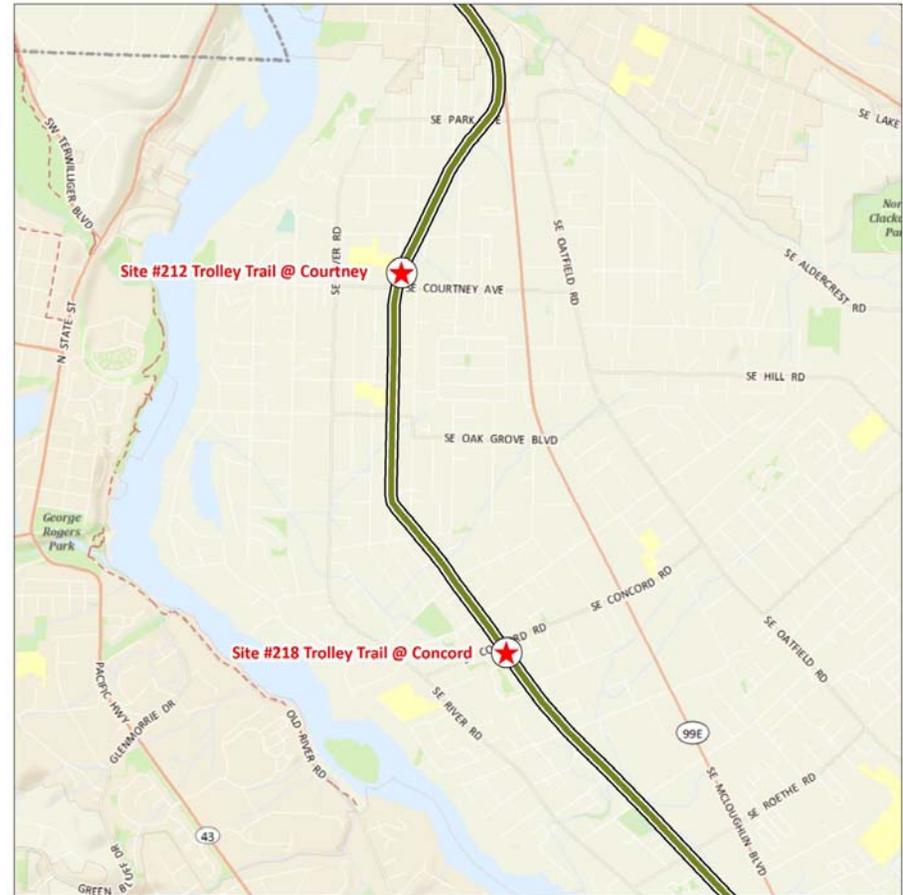
Average 2 Hour Peak Usage by Mode



Estimated Average Usage

(2010-2012 rolling average, all user types)

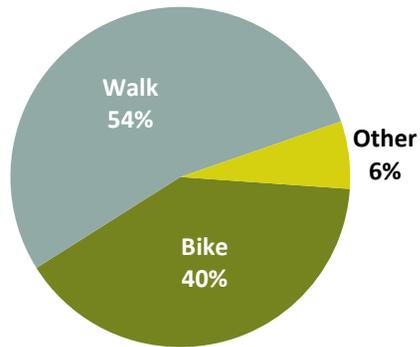
DAILY: 400
WEEKLY: 2,800
MONTHLY: 12,000
YEARLY: 140,000



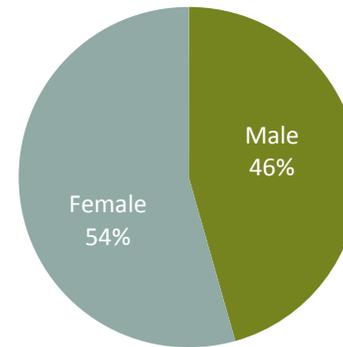
Survey sample size	
Walking	51
Biking	14
Jogging	4
Other	3
Total	72

TROLLEY TRAIL – COUNT DATA SUMMARY

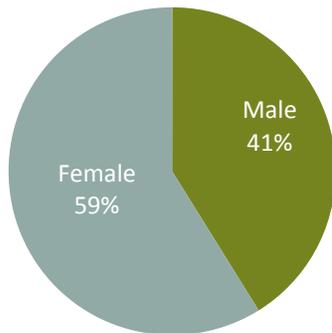
2010-2012 Mode Split



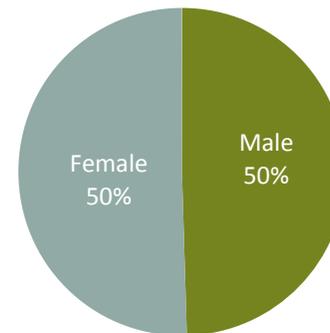
2010-2012 Observed Gender - All Users



2010-2012 Observed Gender - Pedestrians

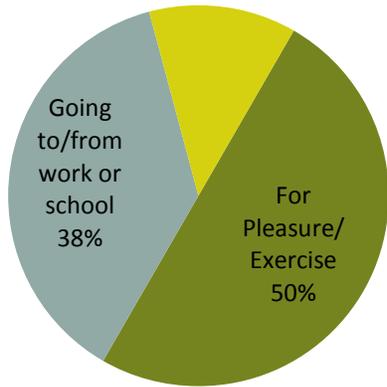


2010-2012 Observed Gender - Bicyclists

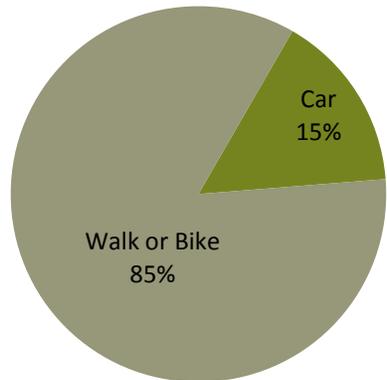


TROLLEY TRAIL – SURVEY DATA SUMMARY

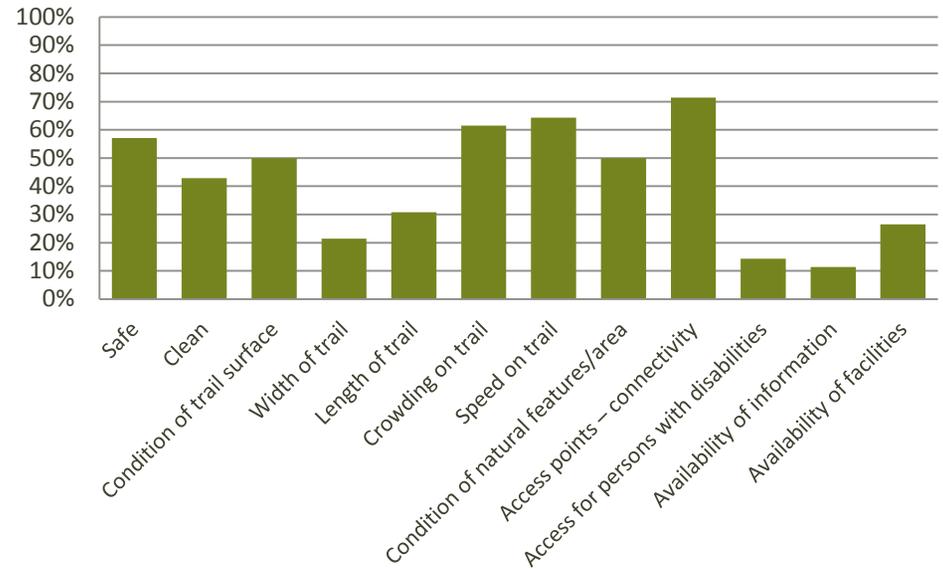
Why people on bikes use the trail



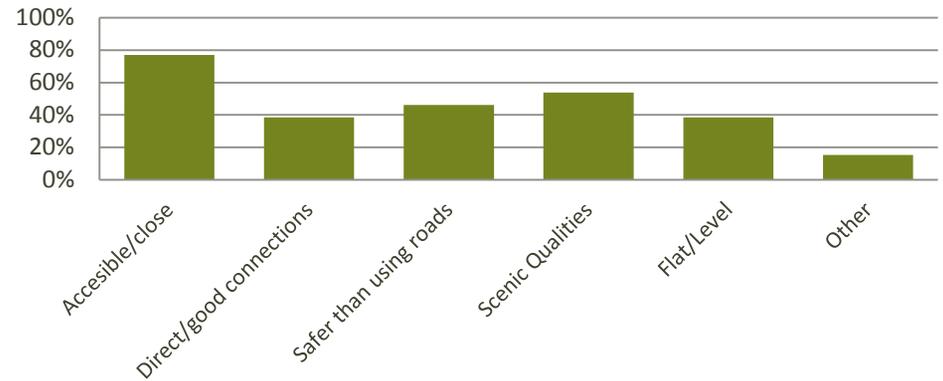
How people on bikes get to the trail



Share of responses by people on bikes with "Good" or "Excellent" ratings of the trail attributes

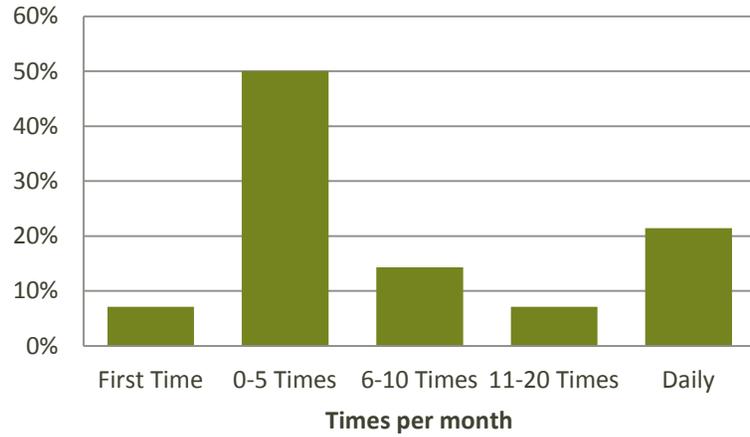


Why are people on bikes using this trail instead of riding elsewhere?

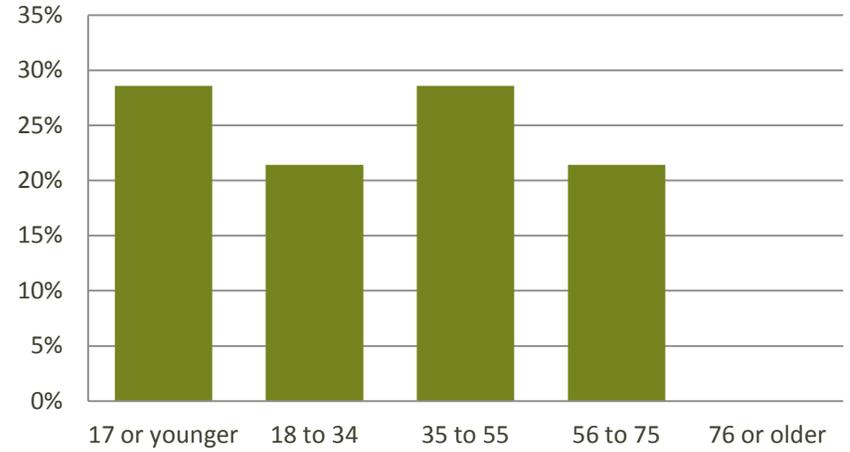


TROLLEY TRAIL – SURVEY DATA SUMMARY

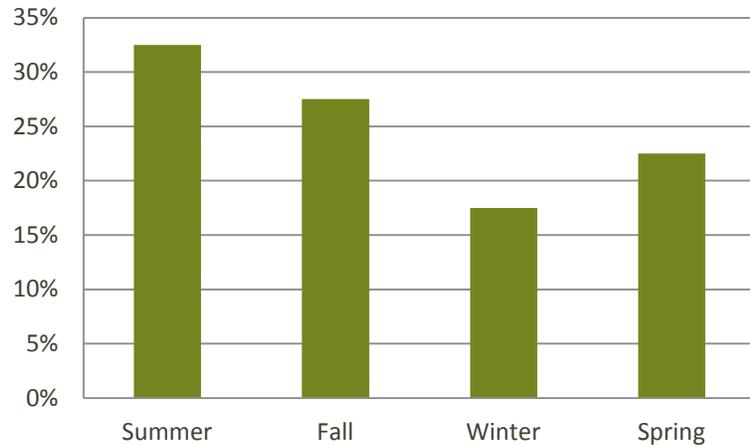
How often people on bikes use this trail



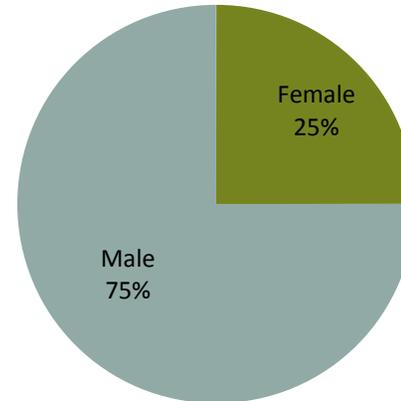
Ages of people on bikes surveyed on this trail



Seasons that people on bikes use this trail

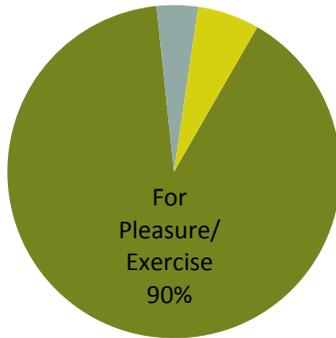


Gender of people on bikes surveyed on this trail

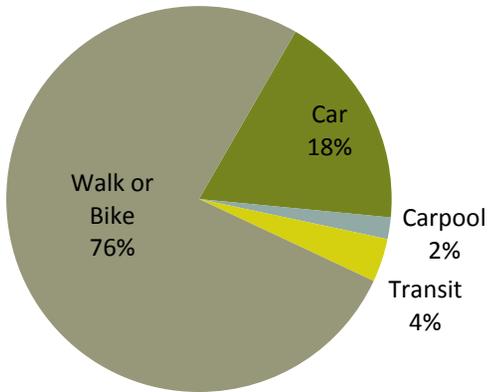


TROLLEY TRAIL – SURVEY DATA SUMMARY

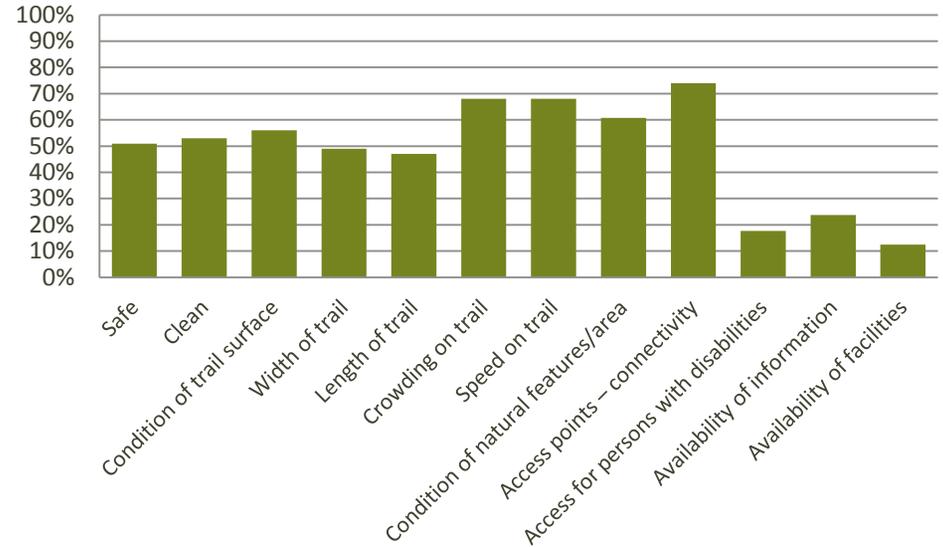
Why walkers use the trail



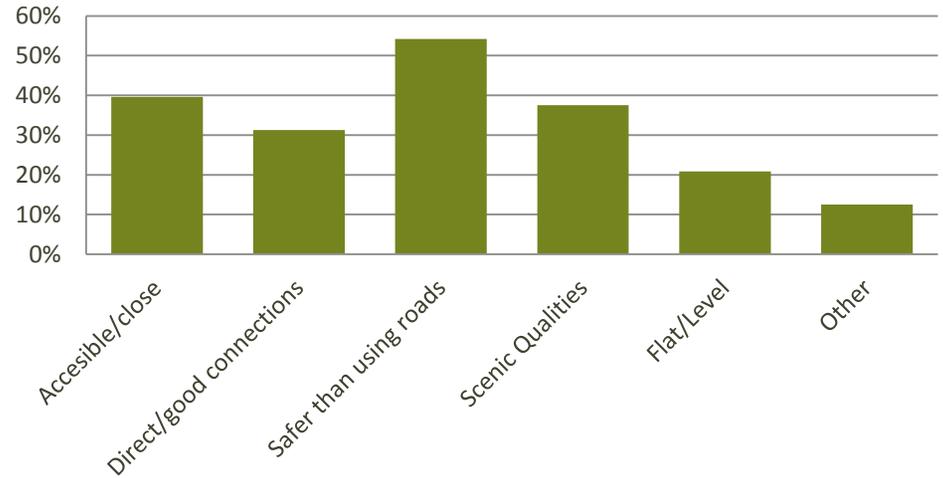
How walkers get to the trail



Share of responses by people walking with "Good" or "Excellent" ratings of the trail attributes

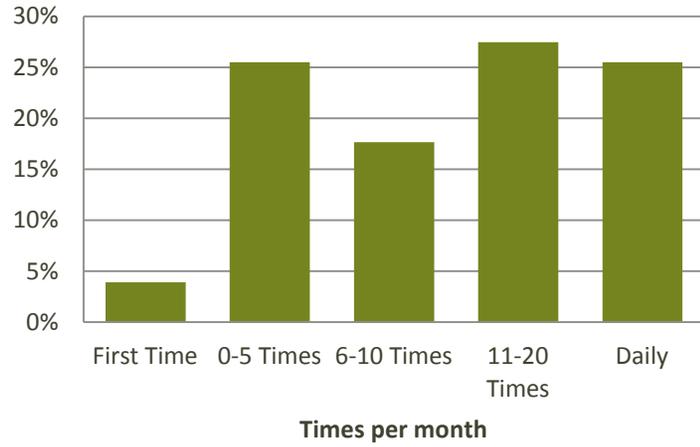


Why walkers use this trail instead of walking elsewhere

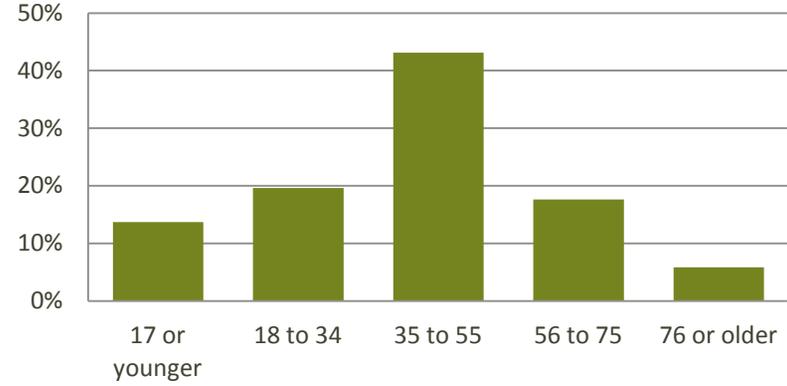


TROLLEY TRAIL – SURVEY DATA SUMMARY

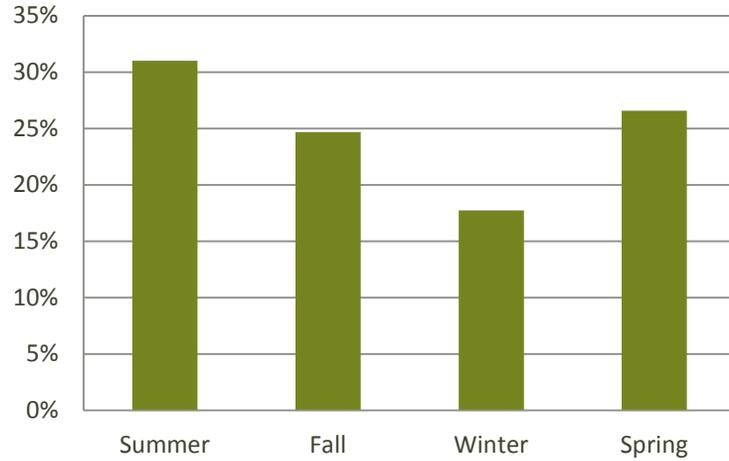
How often walkers use this trail



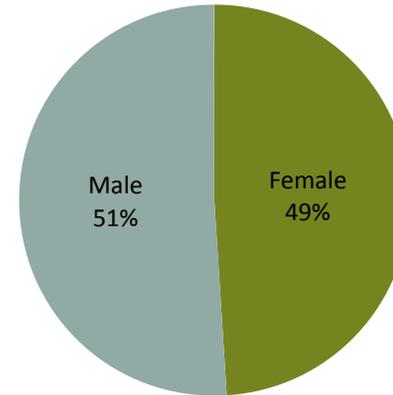
Ages of walkers surveyed on this trail



Seasons that walkers use this trail



Gender of walkers surveyed on this trail

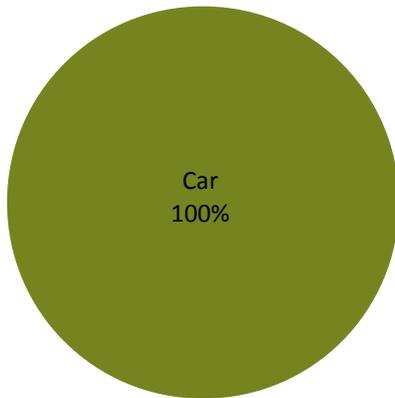


TROLLEY TRAIL – SURVEY DATA SUMMARY

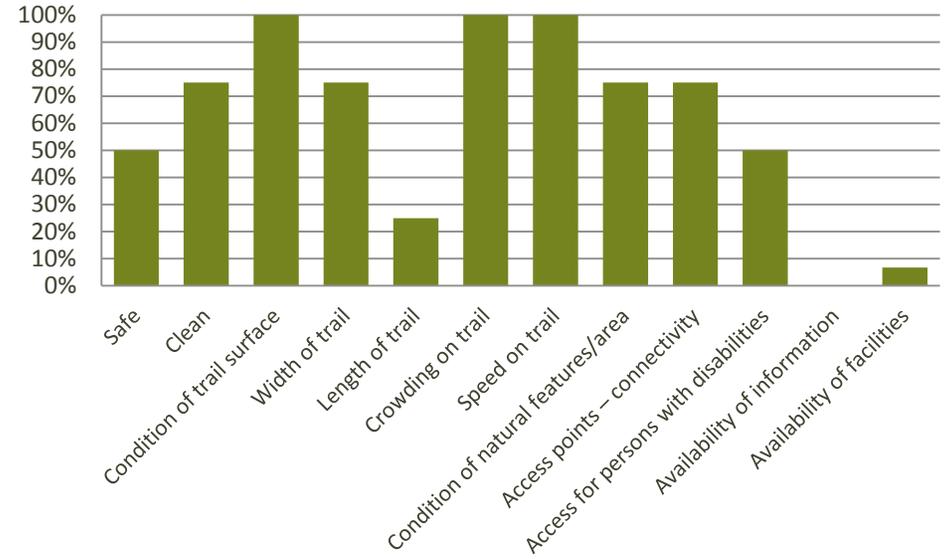
Why joggers use the trail



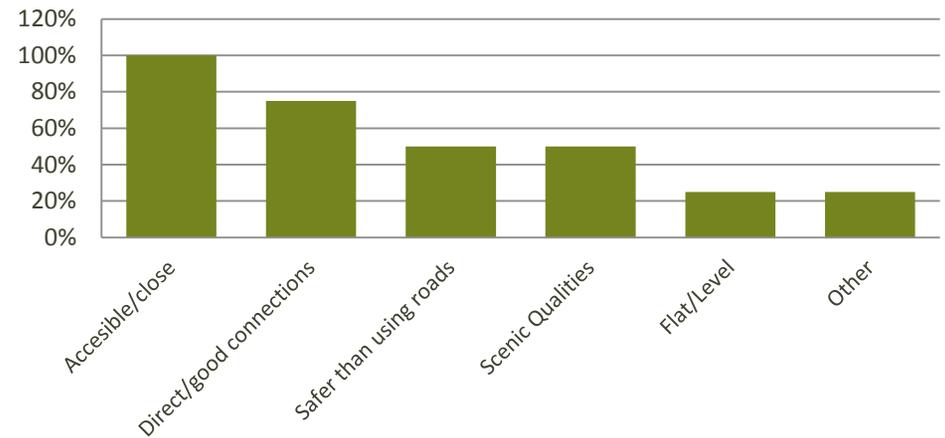
How joggers get to the trail



Share of responses by joggers with "Good" or "Excellent" ratings of the trail attributes

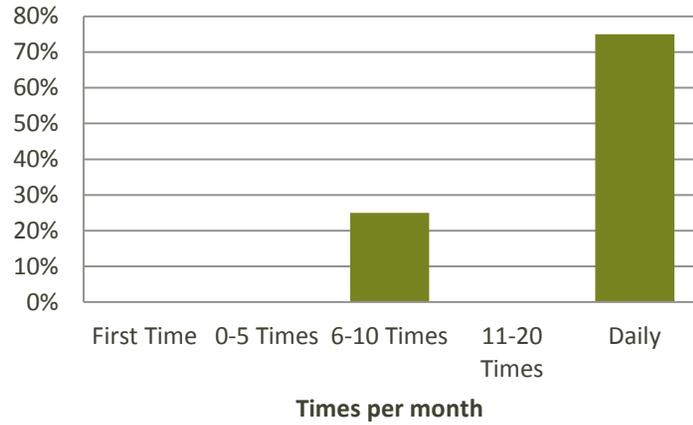


Why joggers use this trail instead of jogging elsewhere

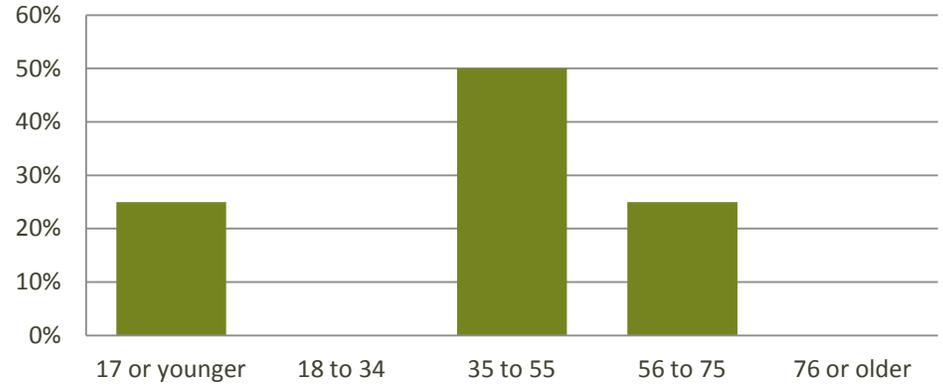


TROLLEY TRAIL – SURVEY DATA SUMMARY

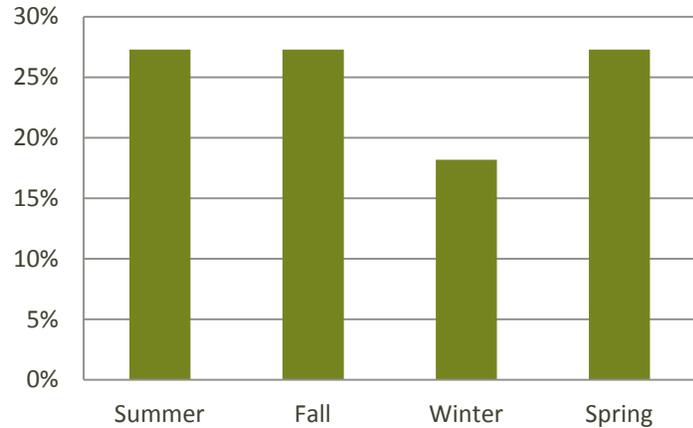
How often people jogging use this trail



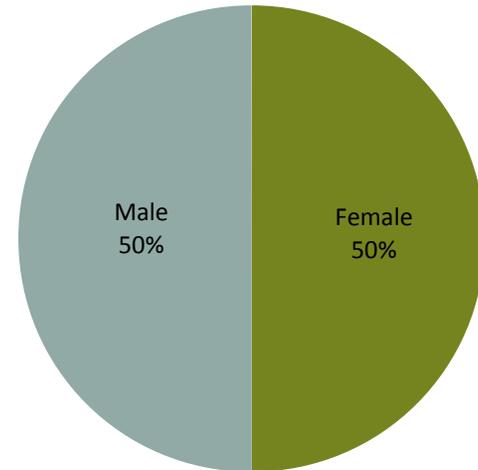
Ages of joggers surveyed on this trail



Seasons that joggers use this trail

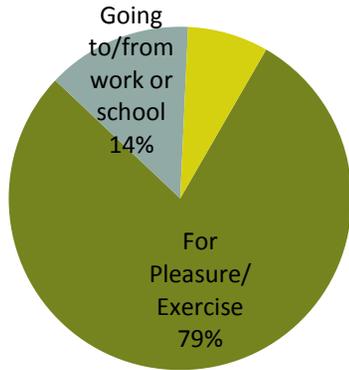


Gender of joggers surveyed on this trail

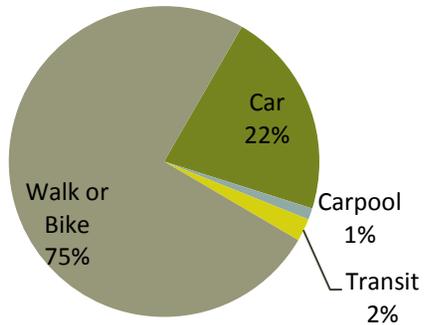


TROLLEY TRAIL – SURVEY DATA SUMMARY

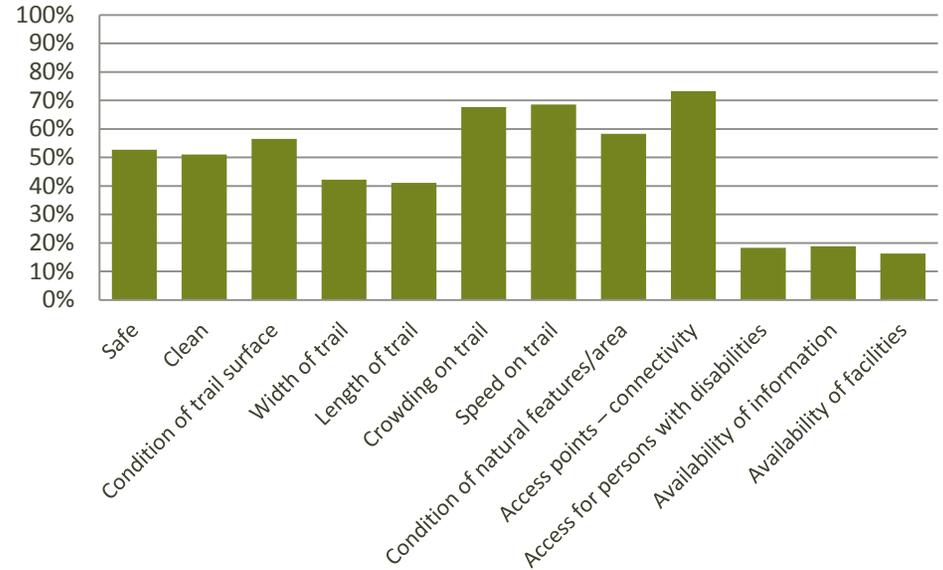
Why people use this trail



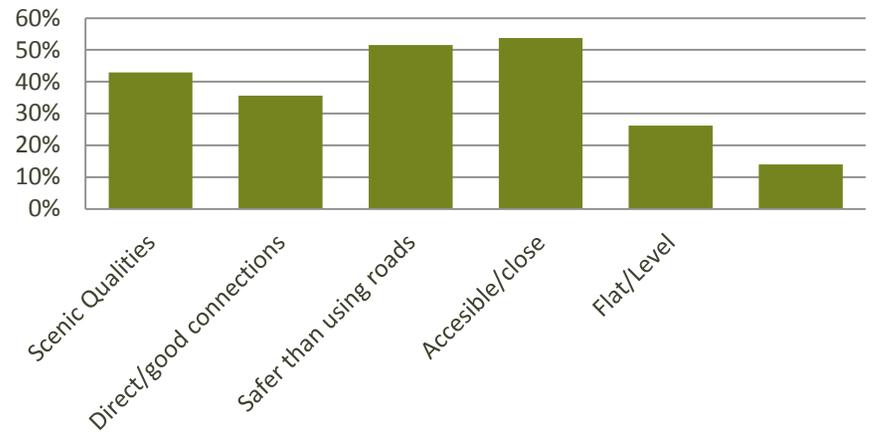
How people get to this trail



Share of responses with "Good" or "Excellent" ratings of the trail attributes

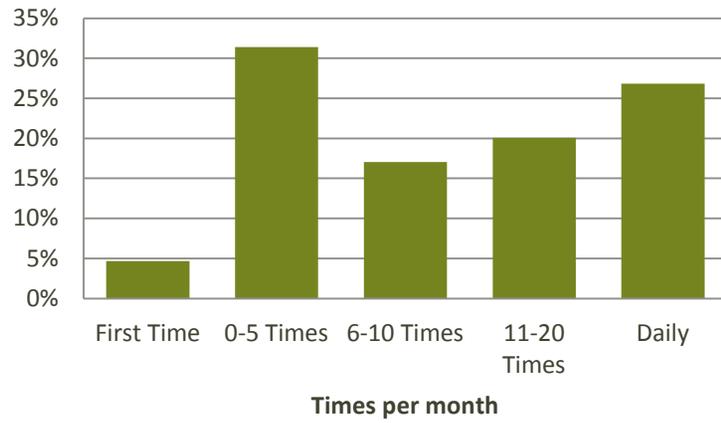


Why people use this trail instead of biking or walking elsewhere

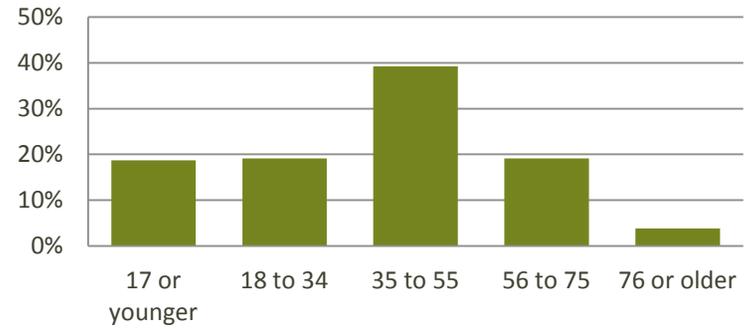


TROLLEY TRAIL – SURVEY DATA SUMMARY

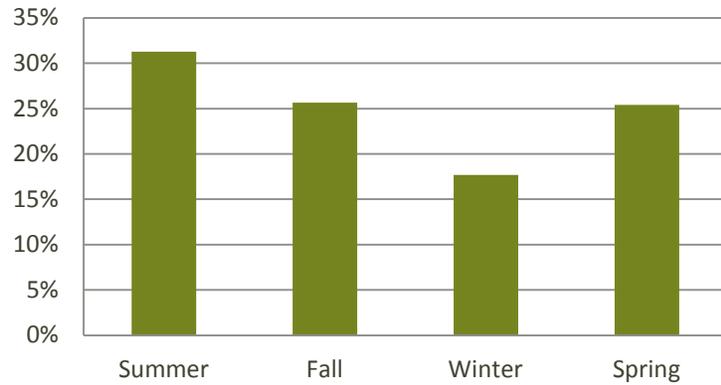
How often people use this trail



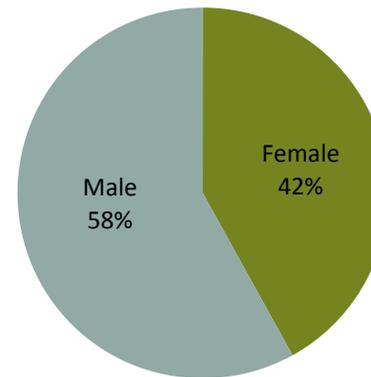
Ages of trail users surveyed



Seasons that people use this trail



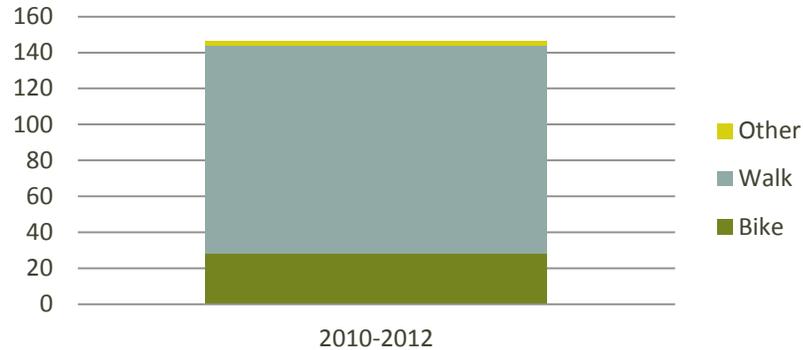
Gender of trail users surveyed



TUALATIN RIVER GREENWAY

Annual Count Data (Average 2 hour peak counts)	2008	2009	2010	2011	2012
Site 724 – Weekday					
Bike	-	-	22	31	-
Walk	-	-	122	113	-
Other	-	-	3	2	-
Total	-	-	147	146	-

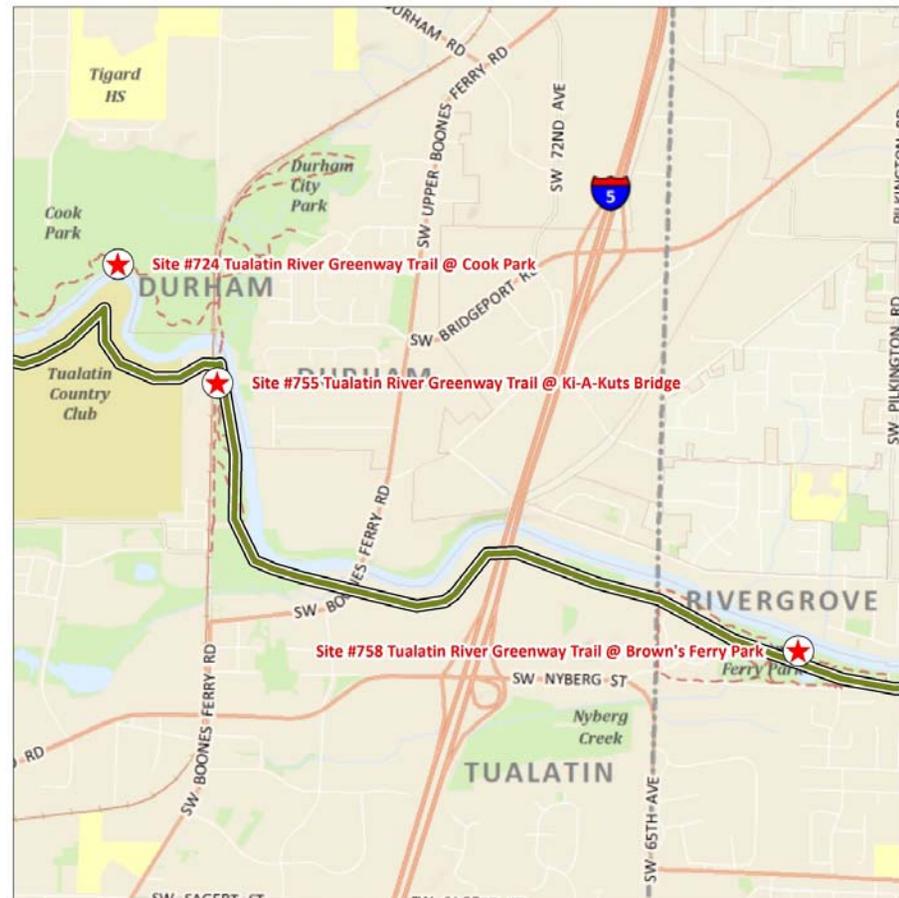
Average 2 Hour Peak Usage by Mode



Estimated Average Usage

(2010-2012 rolling average, all user types)

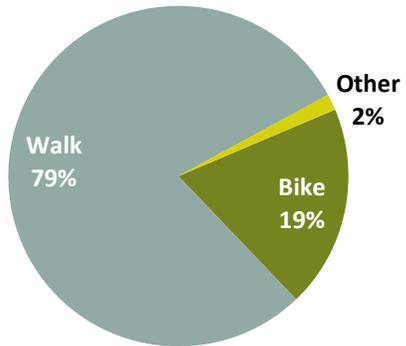
DAILY: 1,340
WEEKLY: 9,400
MONTHLY: 41,000
YEARLY: 490,000



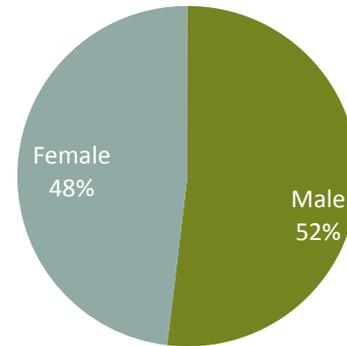
Survey sample size	
Walking	108
Biking	5
Jogging	21
Other	3
Total	137

TUALATIN RIVER GREENWAY – COUNT DATA SUMMARY

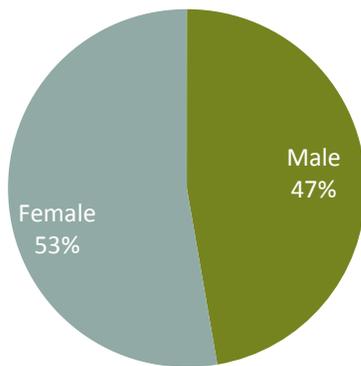
2010-2012 Mode Split



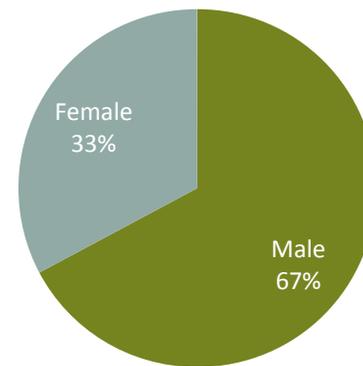
2010-2012 Observed Gender - All Users



2010-2012 Observed Gender - Pedestrians



2010-2012 Observed Gender - Bicyclists

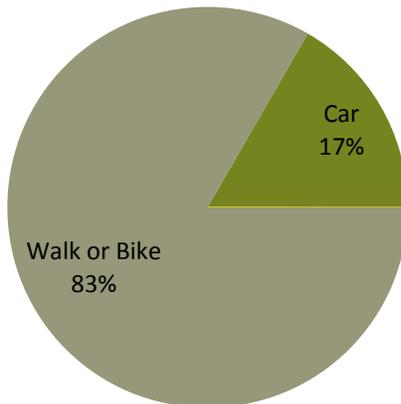


TUALATIN RIVER GREENWAY – SURVEY DATA SUMMARY

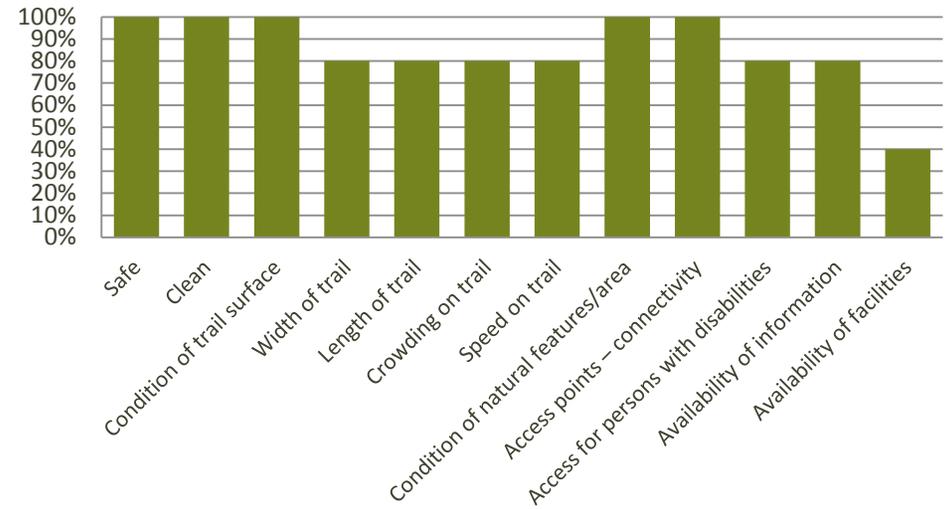
Why people on bikes use the trail



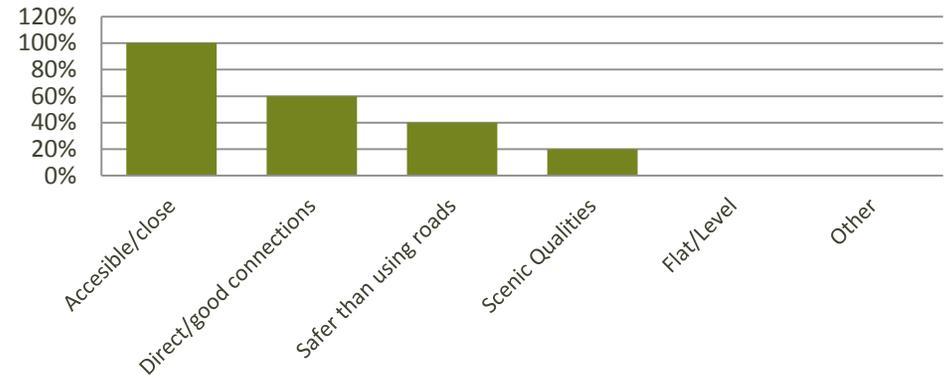
How people on bikes get to the trail



Share of responses by people on bikes with "Good" or "Excellent" ratings of the trail attributes

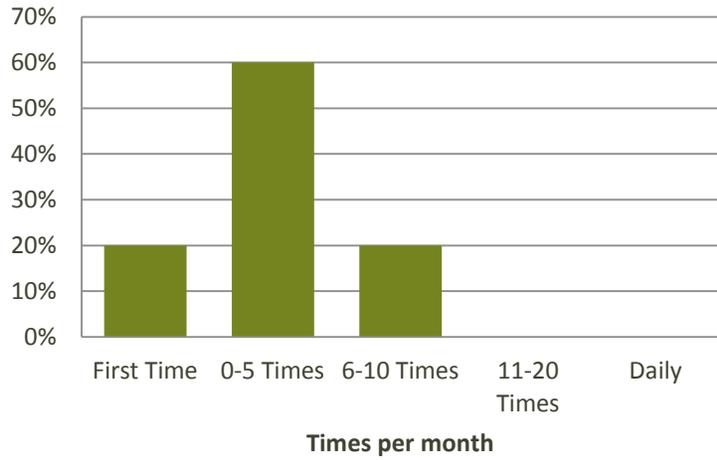


Why are people on bikes using this trail instead of riding elsewhere?

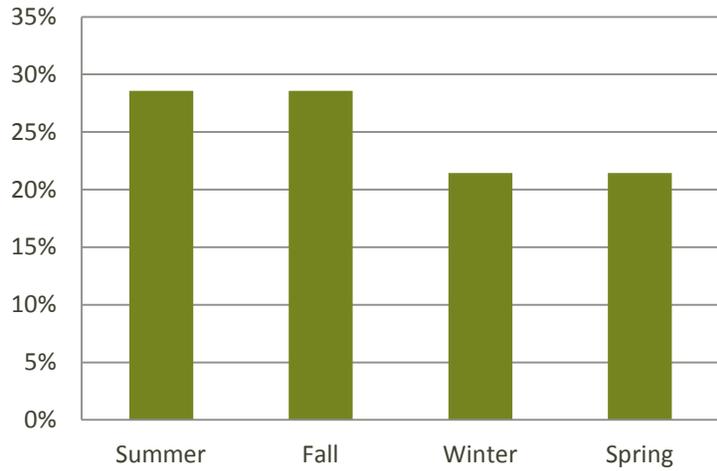


TUALATIN RIVER GREENWAY – SURVEY DATA SUMMARY

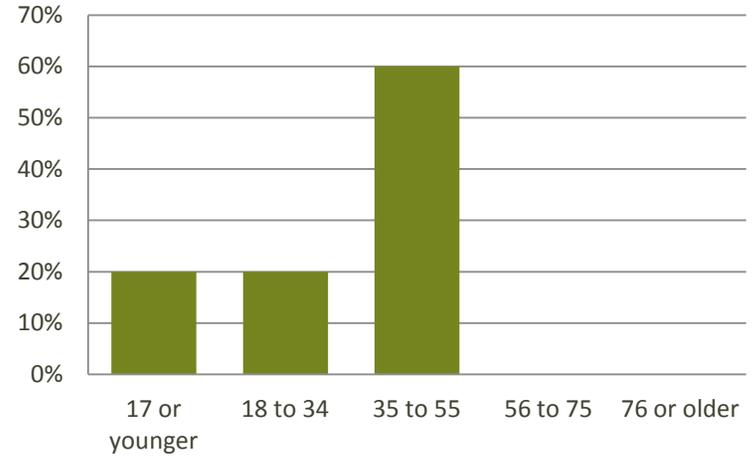
How often people on bikes use this trail



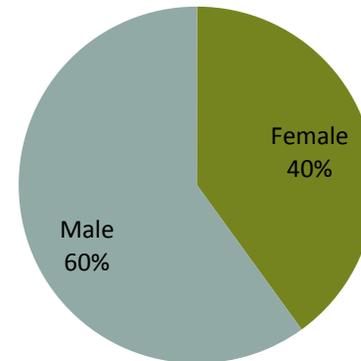
Seasons that people on bikes use this trail



Ages of people on bikes surveyed on this trail

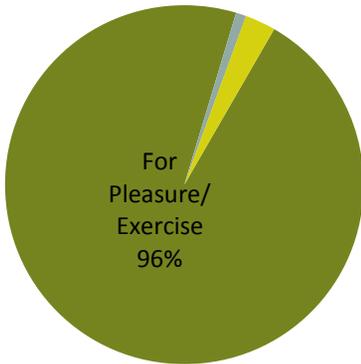


Gender of people on bikes surveyed on this trail

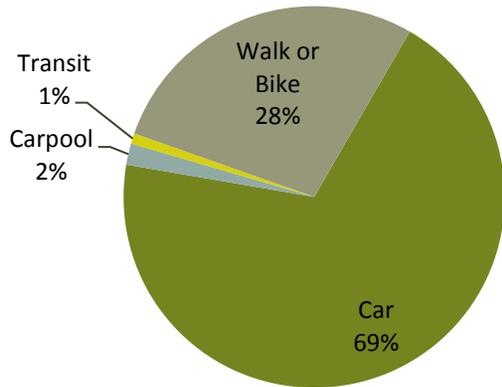


TUALATIN RIVER GREENWAY – SURVEY DATA SUMMARY

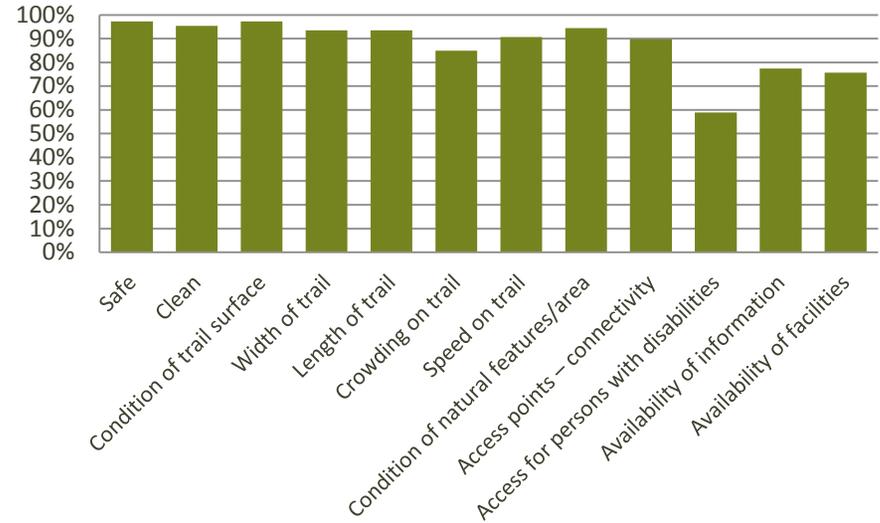
Why walkers use the trail



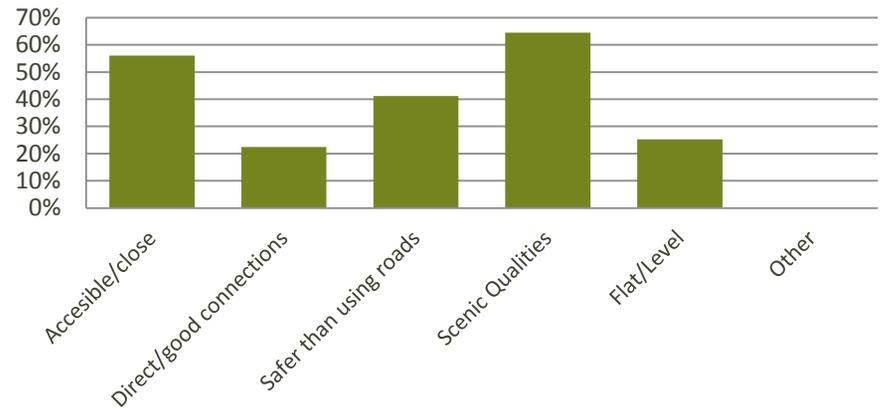
How walkers get to the trail



Share of responses by people walking with "Good" or "Excellent" ratings of the trail attributes

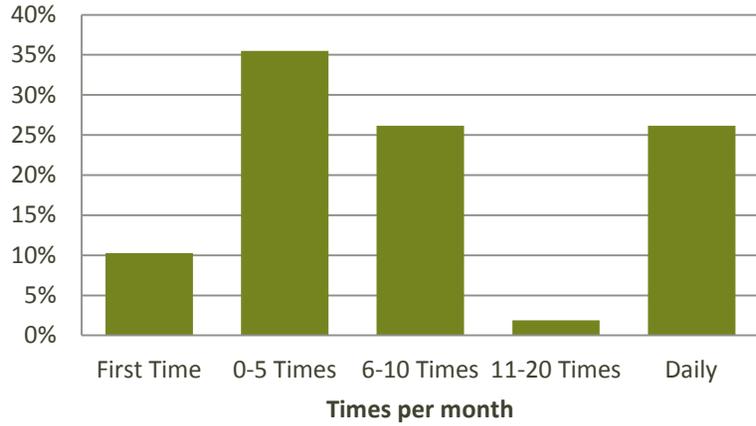


Why walkers use this trail instead of walking elsewhere

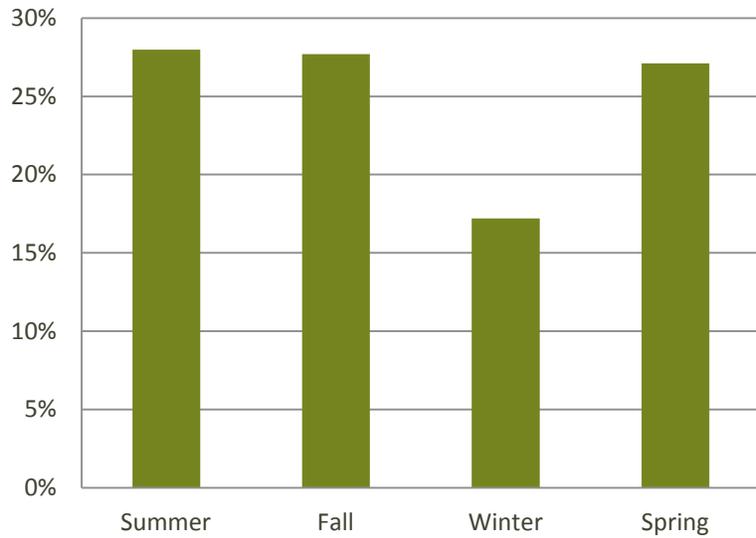


TUALATIN RIVER GREENWAY – SURVEY DATA SUMMARY

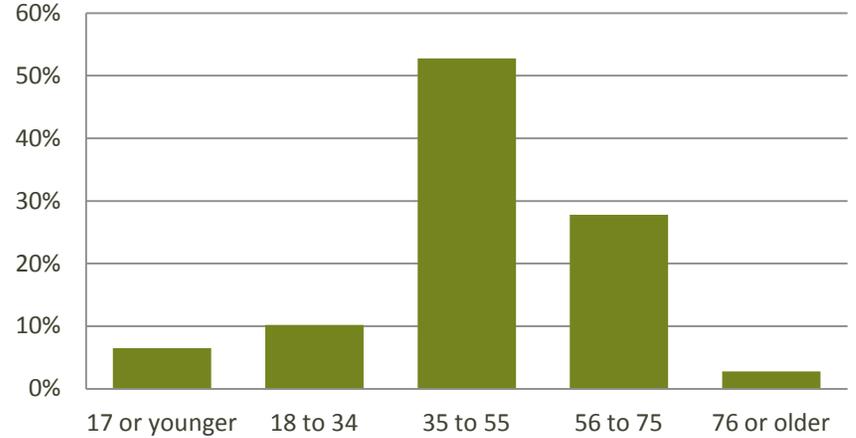
How often walkers use this trail



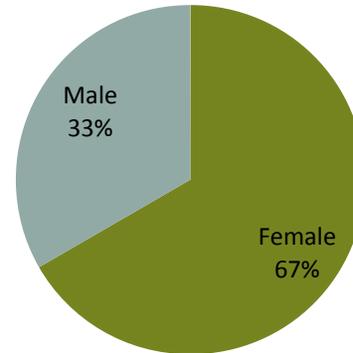
Seasons that walkers use this trail



Ages of walkers surveyed on this trail



Gender of walkers surveyed on this trail

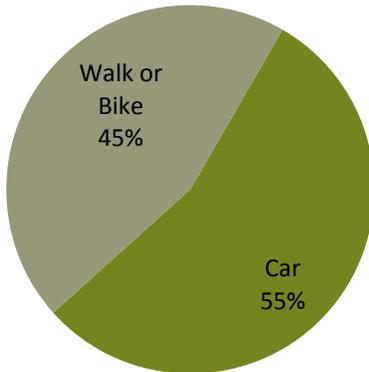


TUALATIN RIVER GREENWAY – SURVEY DATA SUMMARY

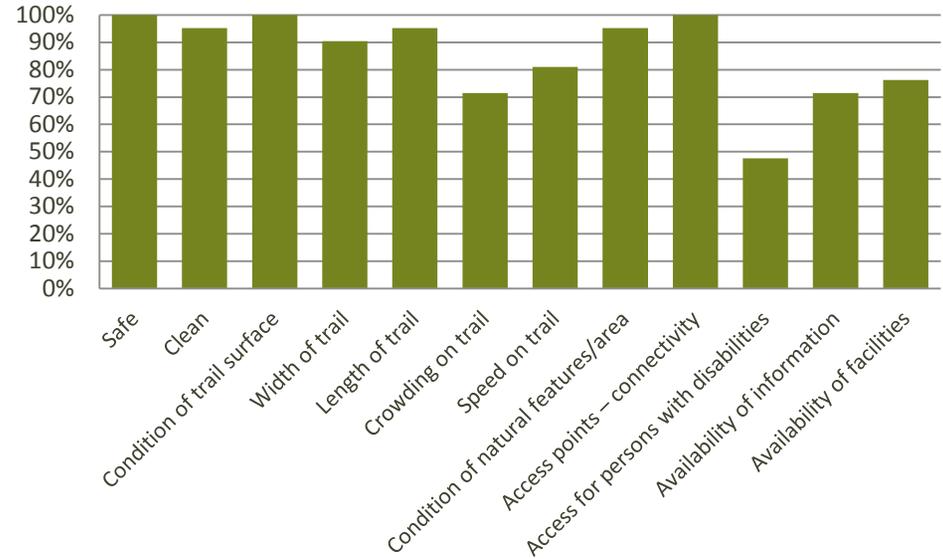
Why joggers use the trail



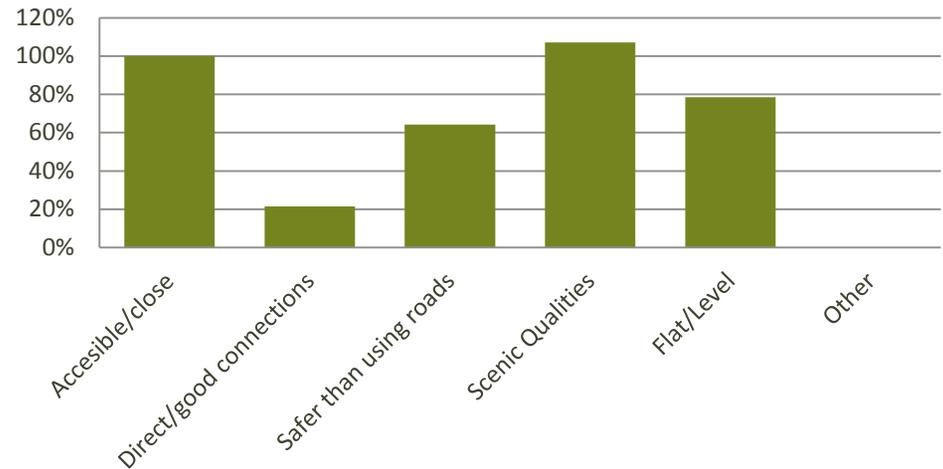
How joggers get to the trail



Share of responses by joggers with "Good" or "Excellent" ratings of the trail attributes

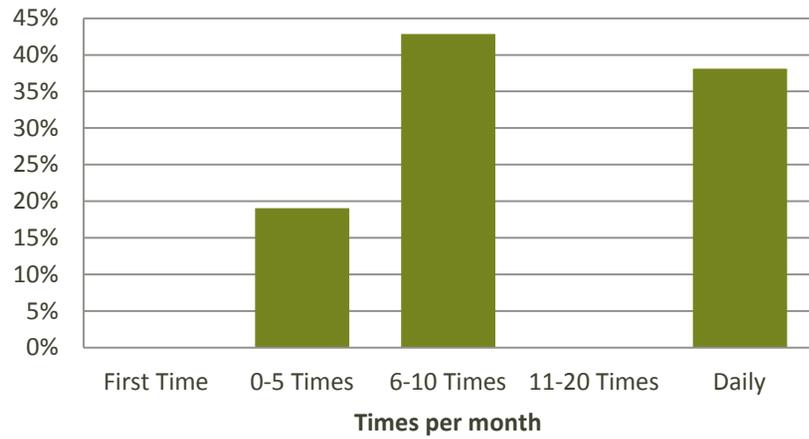


Why joggers use this trail instead of jogging elsewhere

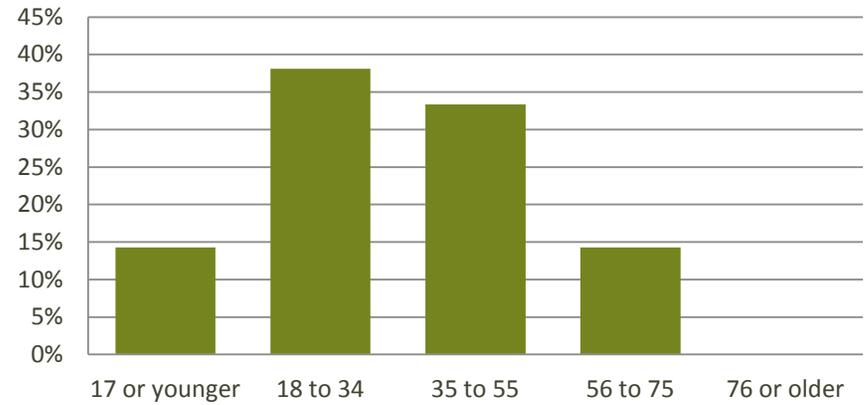


Tualatin River Greenway – survey Data Summary

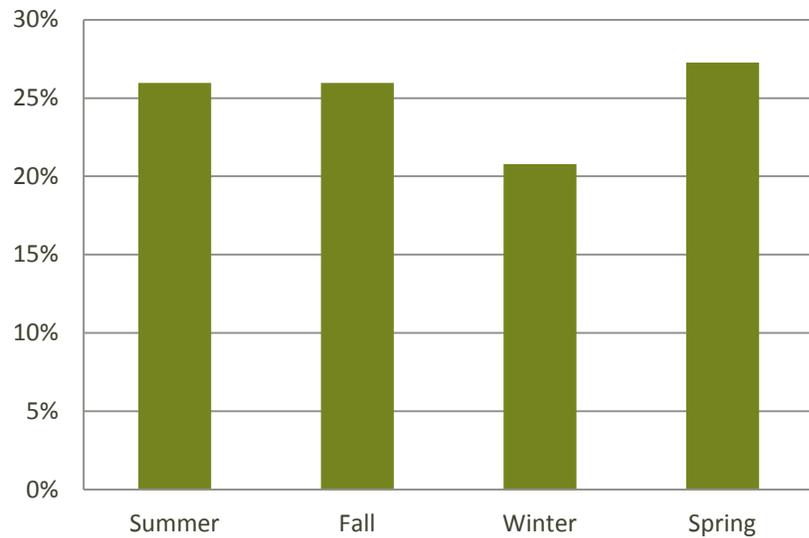
How often people jogging use this trail



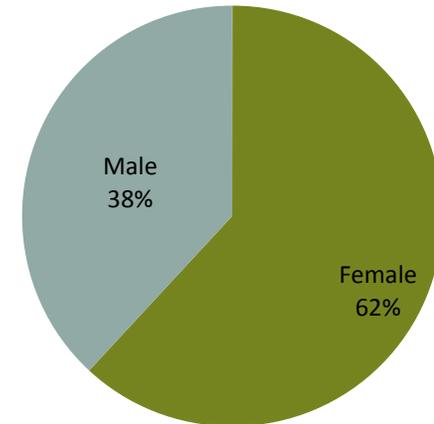
Ages of joggers surveyed on this trail



Seasons that joggers use this trail

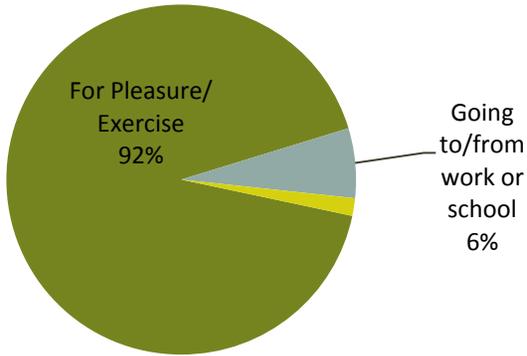


Gender of joggers surveyed on this trail

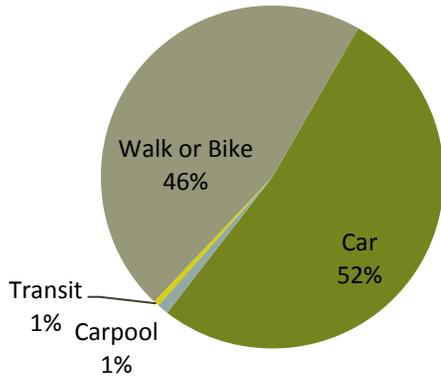


TUALATIN RIVER GREENWAY – SURVEY DATA SUMMARY

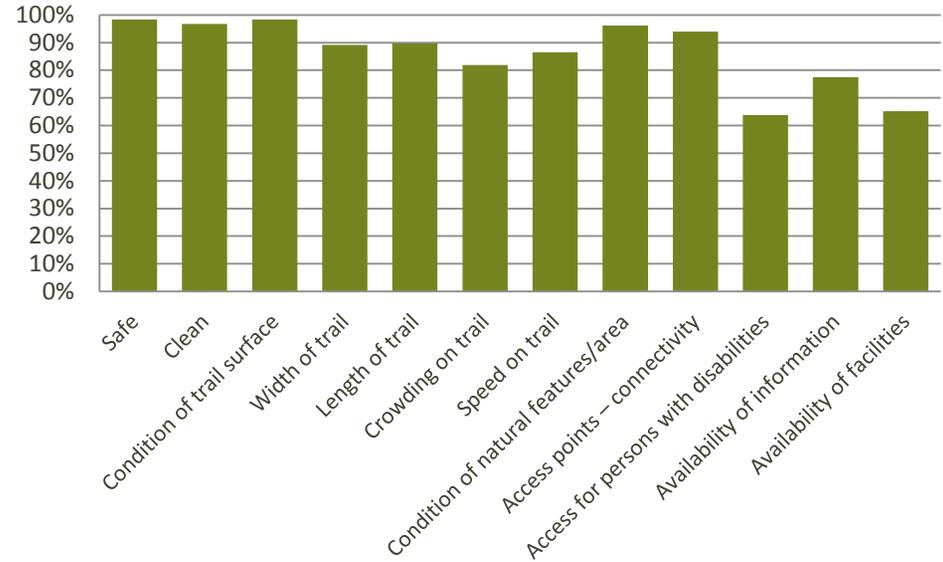
Why people use this trail



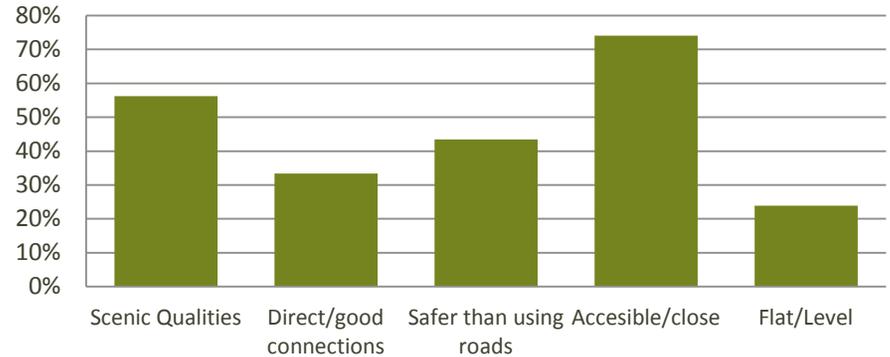
How people get to this trail



Share of responses with "Good" or "Excellent" ratings of the trail attributes

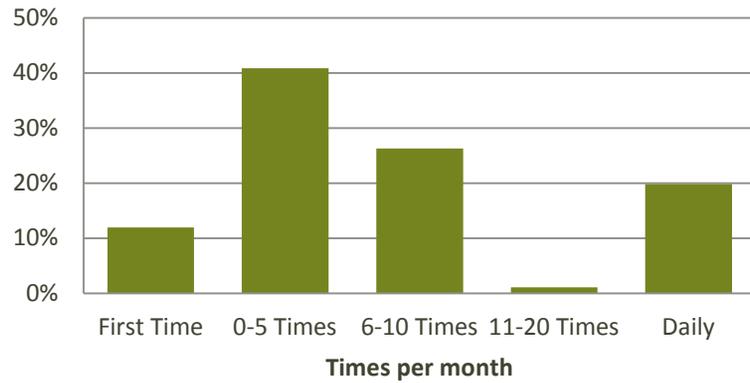


Why people use this trail instead of biking or walking elsewhere

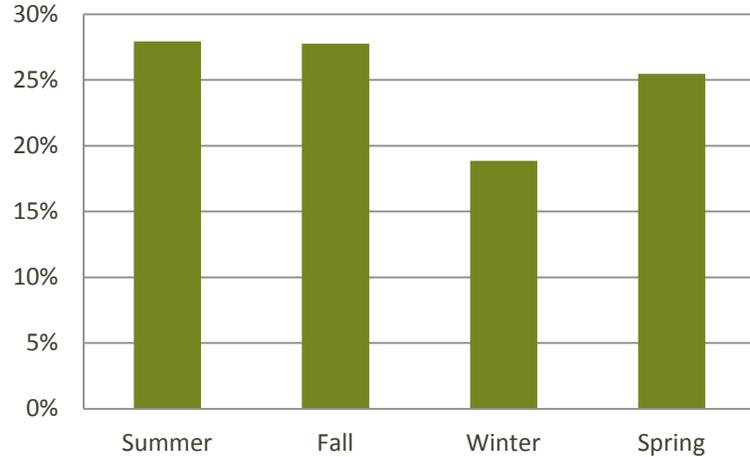


TUALATIN RIVER GREENWAY – SURVEY DATA SUMMARY

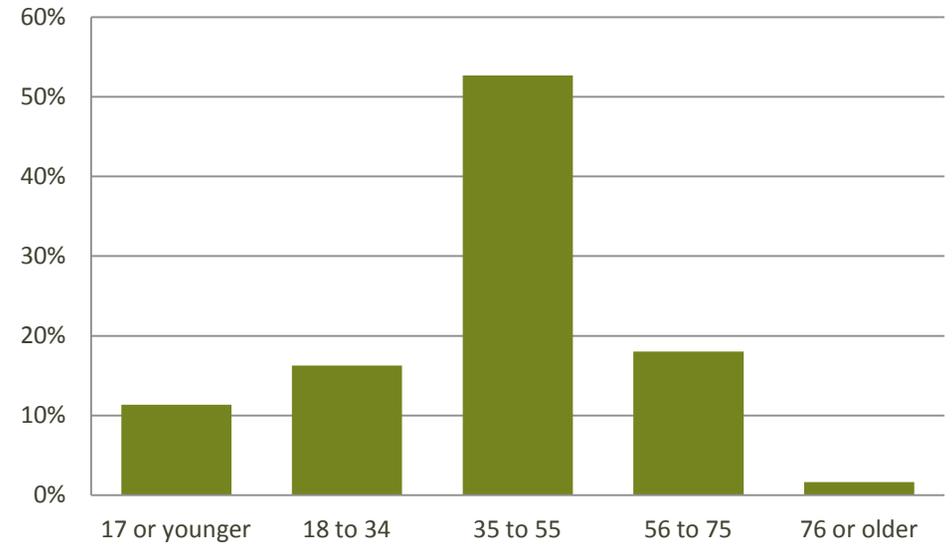
How often people use this trail



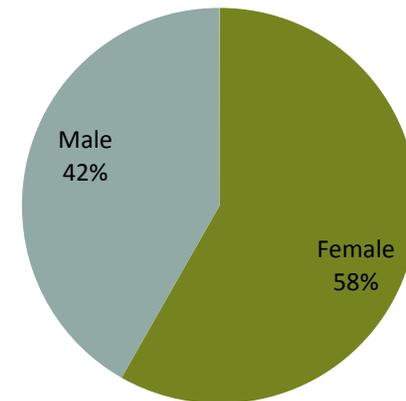
Seasons that people use this trail



Ages of trail users surveyed



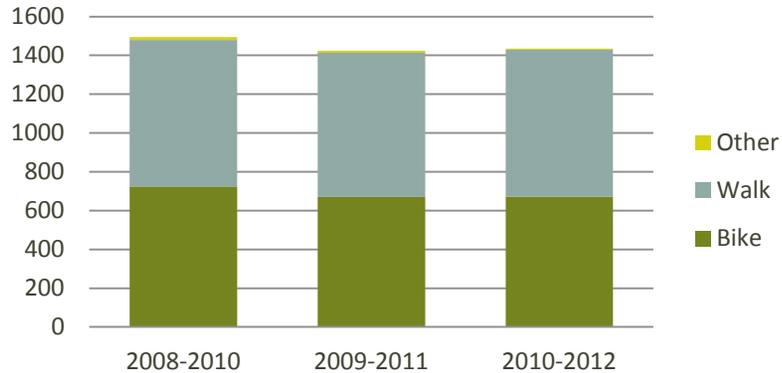
Gender of trail users surveyed



WATERFRONT PARK TRAIL

Annual Count Data (Average 2 hour peak counts)	2008	2009	2010	2011	2012
Site 13 – Weekday					
Bike	796	631	745	636	637
Walk	786	677	805	747	719
Other	18	17	8	7	2
Total	1600	1325	1558	1390	1358

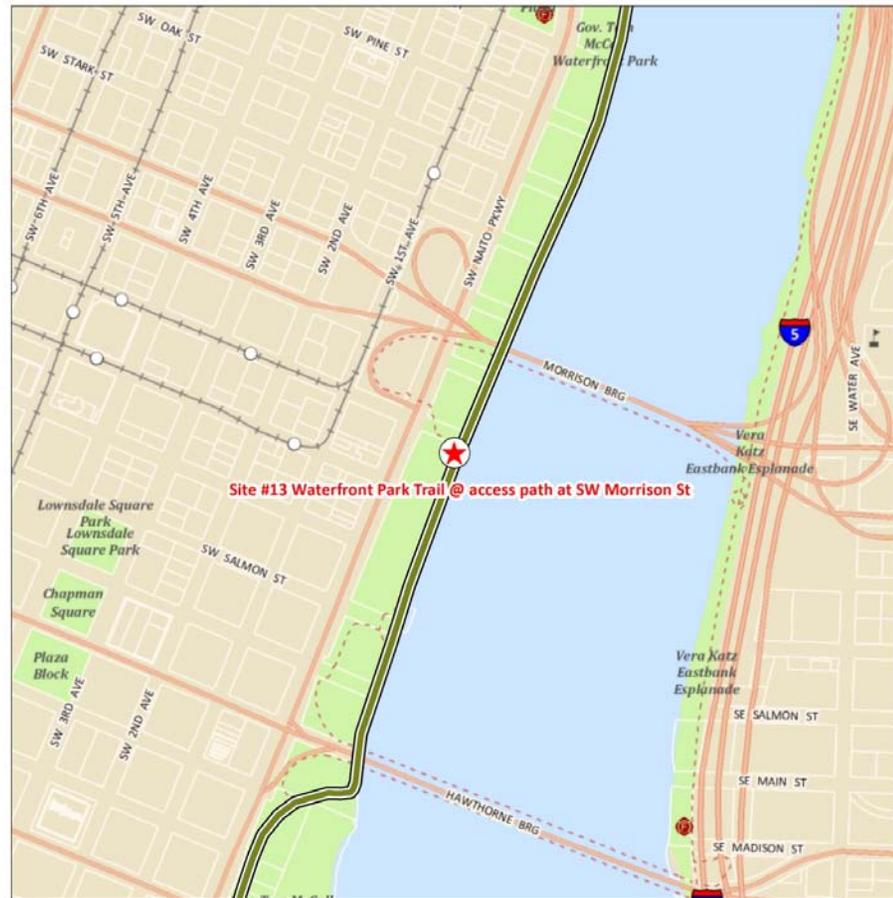
Average 2 Hour Peak Usage by Mode



Estimated Average Usage

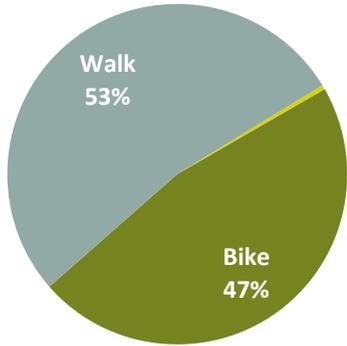
(2010-2012 rolling average, all user types)

DAILY: 13,170
WEEKLY: 92,400
MONTHLY: 400,000
YEARLY: 4,810,000

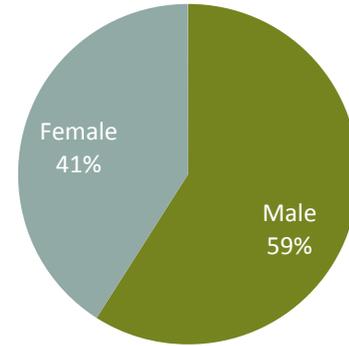


WATERFRONT PARK TRAIL – COUNT DATA SUMMARY

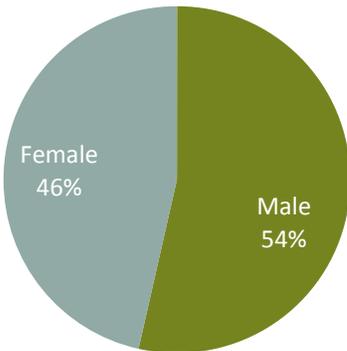
2010-2012 Mode Split



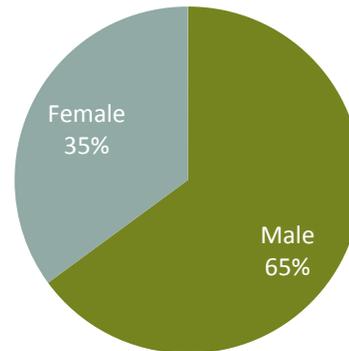
2010-2012 Observed Gender - All Users



2010-2012 Observed Gender - Pedestrians



2010-2012 Observed Gender - Bicyclists

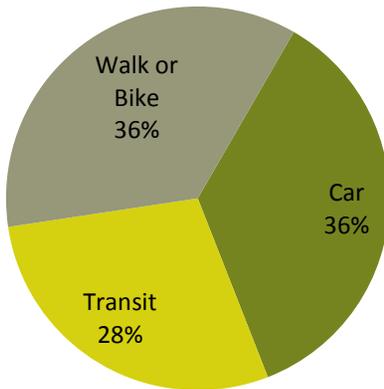


WATERFRONT PARK TRAIL – SURVEY DATA SUMMARY

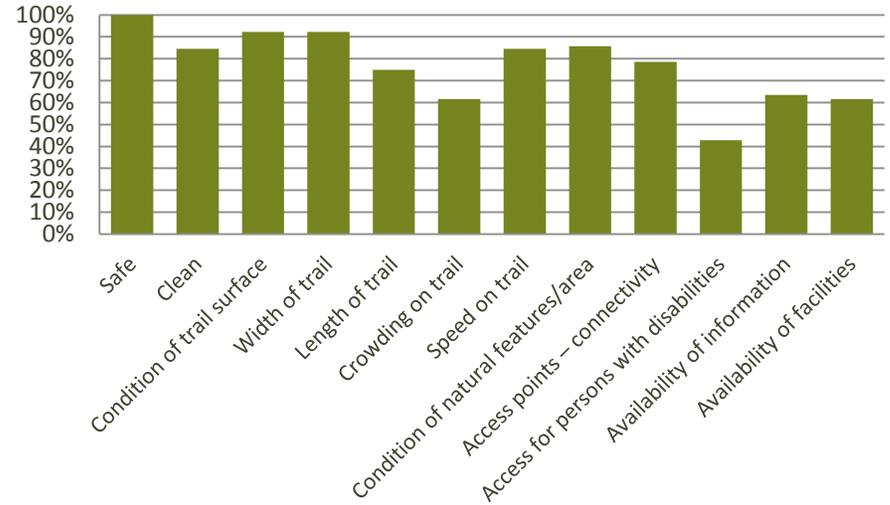
Why walkers use the trail



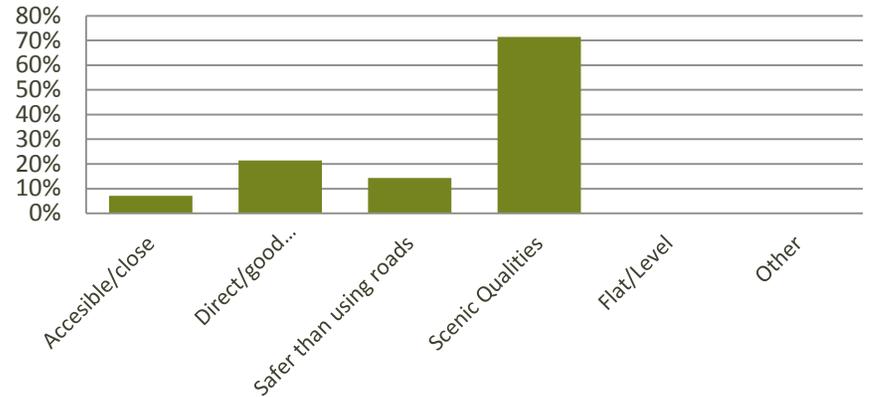
How walkers get to the trail



Share of responses by people walking with "Good" or "Excellent" ratings of the trail attributes

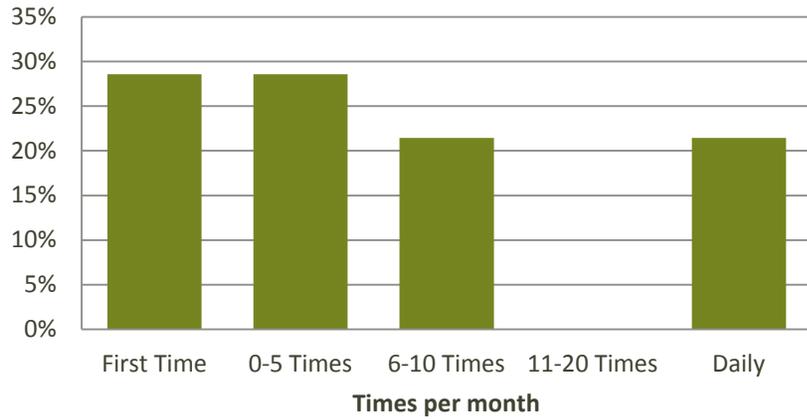


Why walkers use this trail instead of walking elsewhere

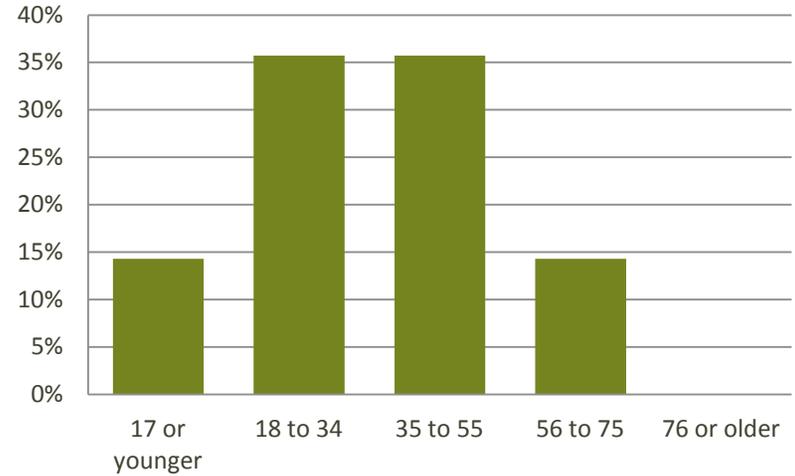


WATERFRONT PARK TRAIL – SURVEY DATA SUMMARY

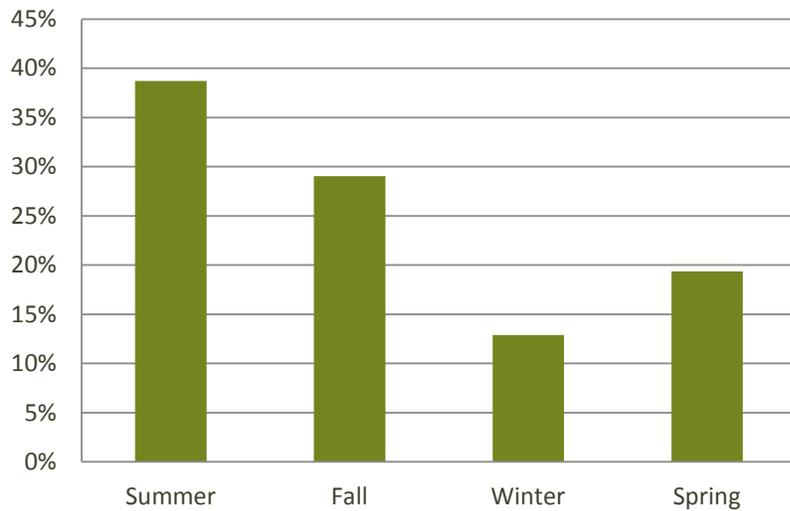
How often walkers use this trail



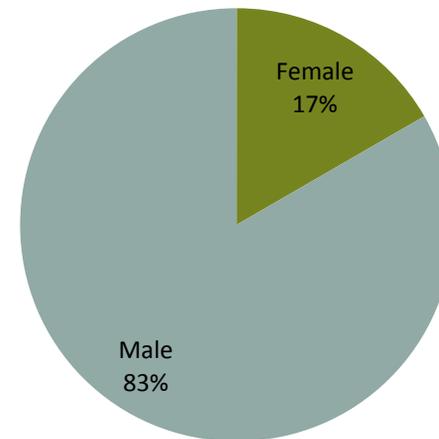
Ages of walkers surveyed on this trail



Seasons that walkers use this trail

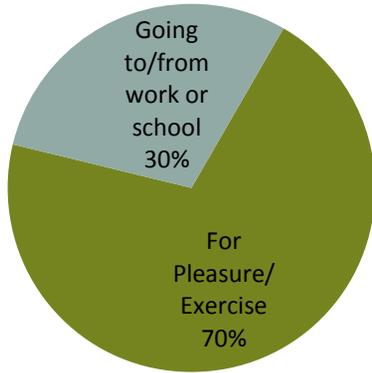


Gender of walkers surveyed on this trail

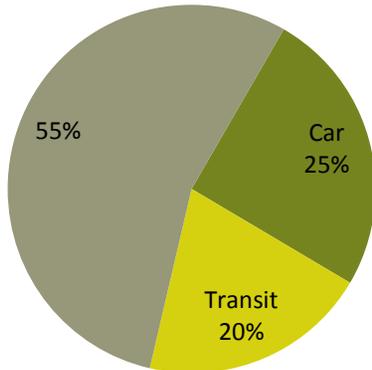


WATERFRONT PARK TRAIL – SURVEY DATA SUMMARY

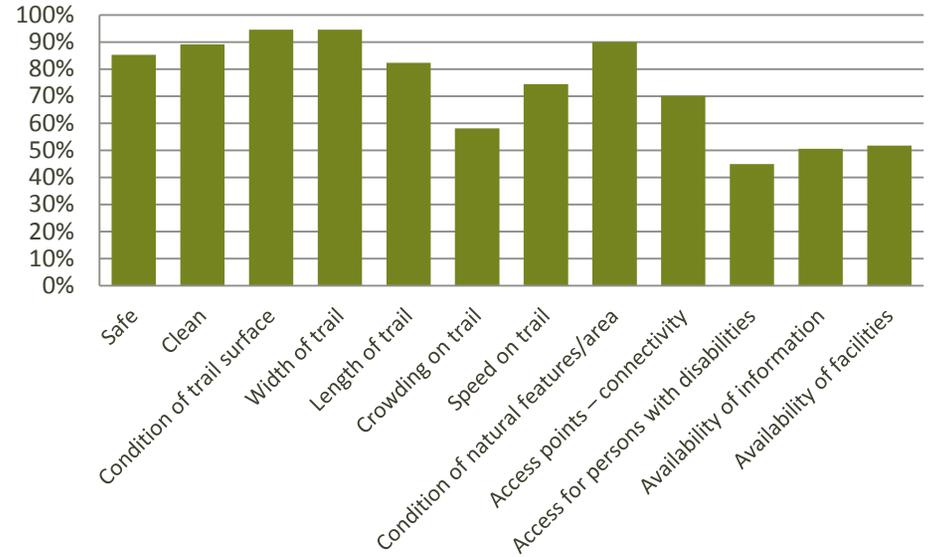
Why people use this trail



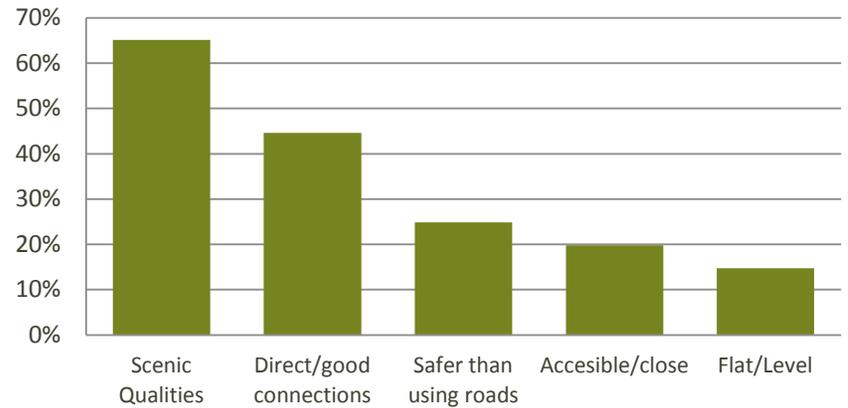
How people get to this trail



Share of responses with "Good" or "Excellent" ratings of the trail attributes

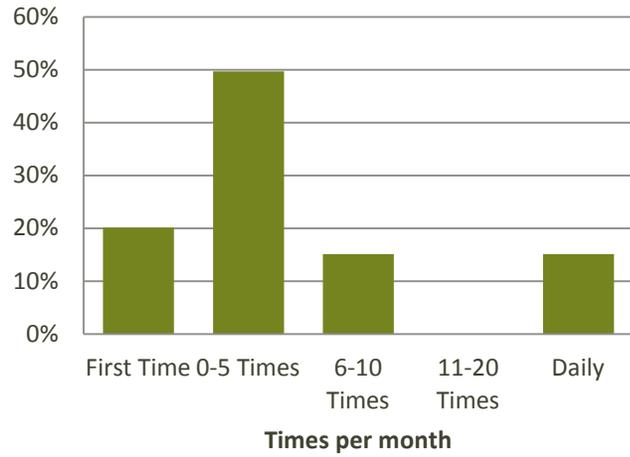


Why people use this trail instead of biking or walking elsewhere

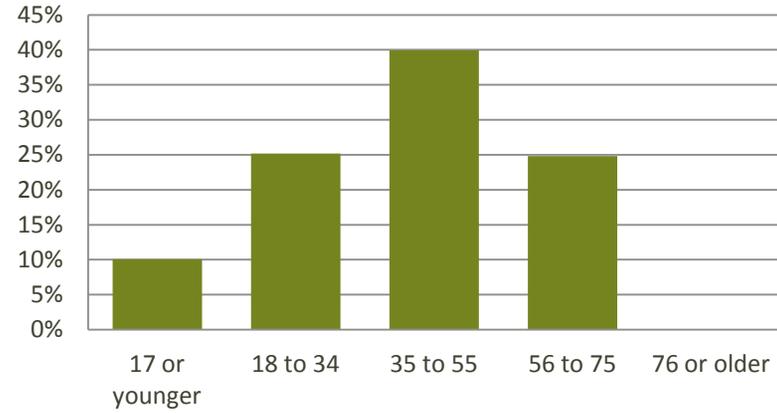


WATERFRONT PARK TRAIL – SURVEY DATA SUMMARY

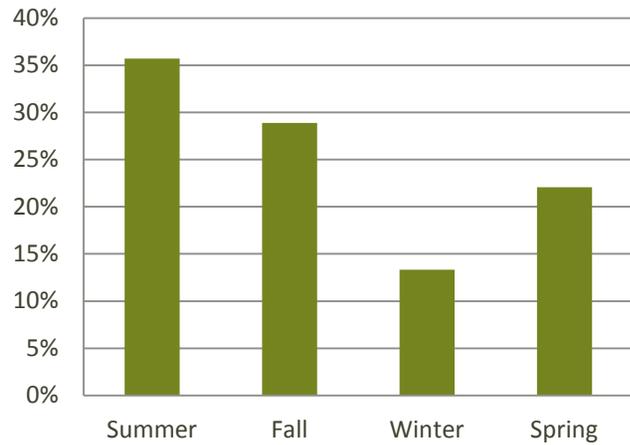
How often people use this trail



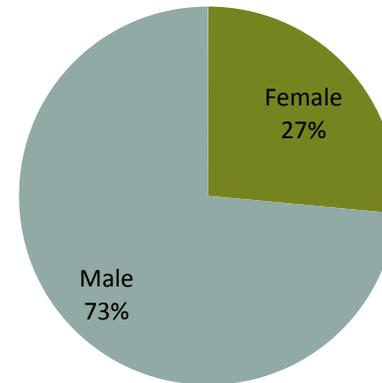
Ages of trail users surveyed



Seasons that people use this trail



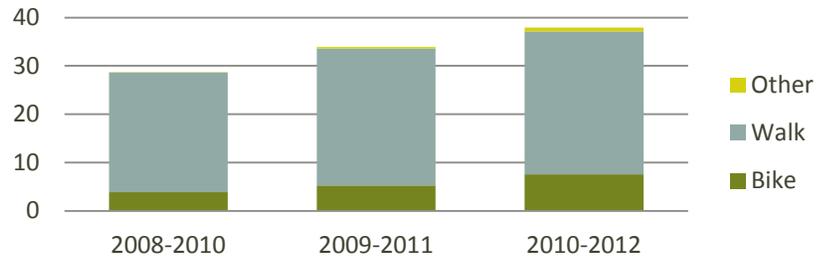
Gender of trail users surveyed



WESTSIDE/WATERHOUSE TRAIL

Annual Count Data (Average 2 hour peak counts)	2008	2009	2010	2011	2012
Site 623 – Weekday					
Bike	-	8	-	16	15
Walk	-	48	-	49	20
Other	-	0	-	2	1
Total	-	56	-	67	36
Site 647 – Weekday	-				
Bike	-	3	1	7	17
Walk	-	33	12	65	72
Other	-	0	0	0	3
Total	-	36	13	72	92

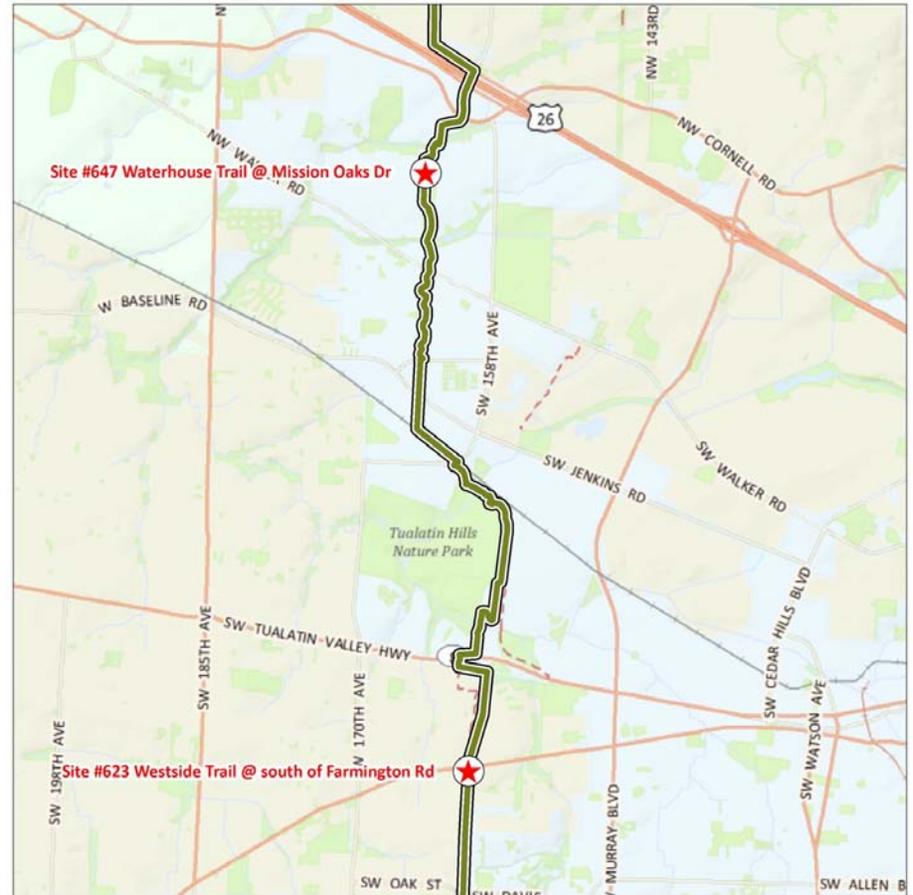
Average 2 Hour Peak Usage by Mode



Estimated Average Usage

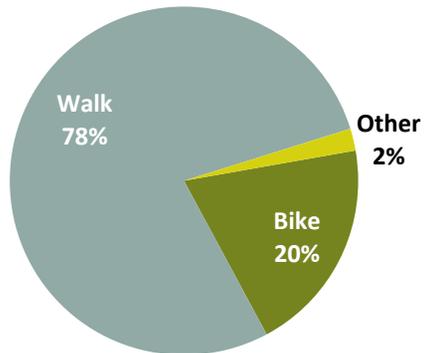
(2010-2012 rolling average, all user types)

DAILY: 350 MONTHLY: 11,000
WEEKLY: 2,400 YEARLY: 130,000

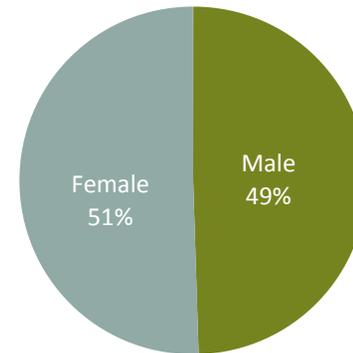


WESTSIDE/WATERHOUSE TRAIL – COUNT DATA SUMMARY

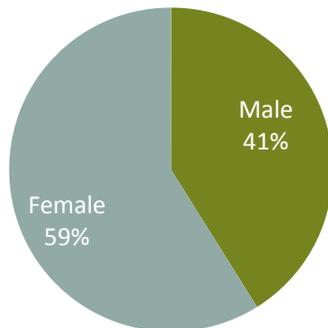
2010-2012 Mode Split



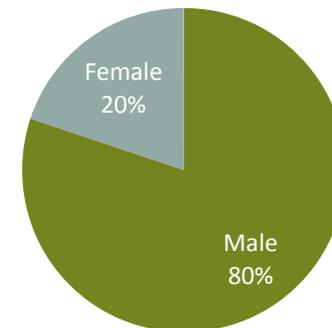
2010-2012 Observed Gender - All Users



2010-2012 Observed Gender - Pedestrians



2010-2012 Observed Gender - Bicyclists

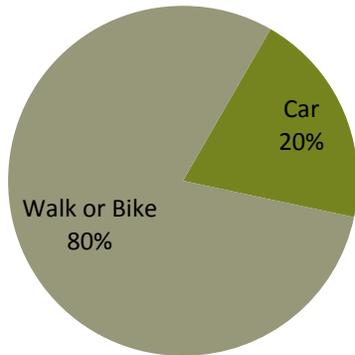


WESTSIDE/WATERHOUSE TRAIL – SURVEY DATA SUMMARY

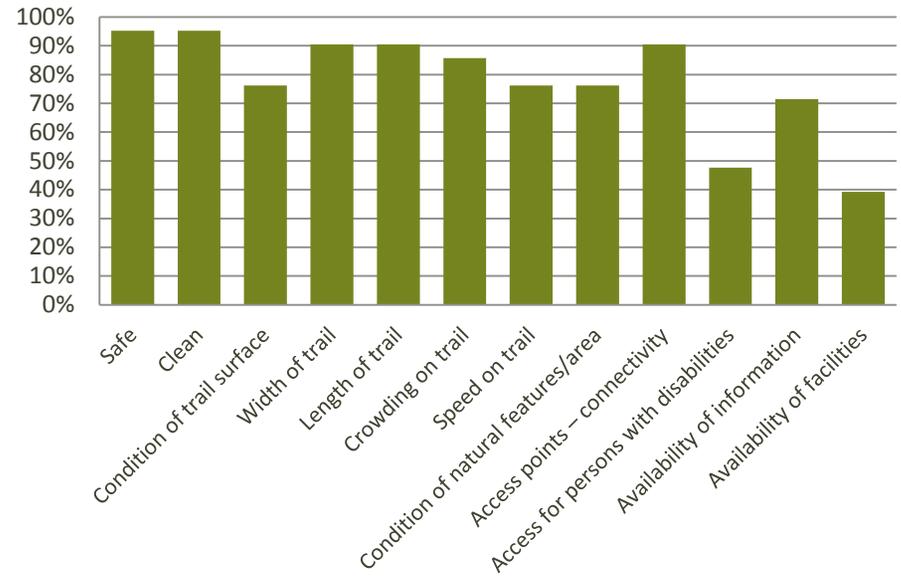
Why walkers use the trail



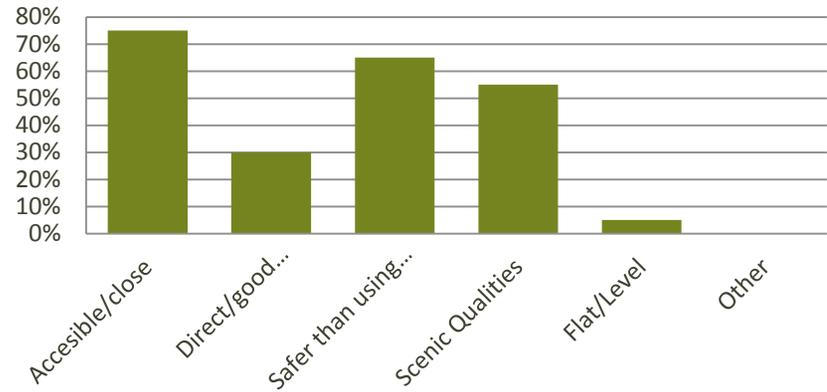
How walkers get to the trail



Share of responses by people walking with "Good" or "Excellent" ratings of the trail attributes

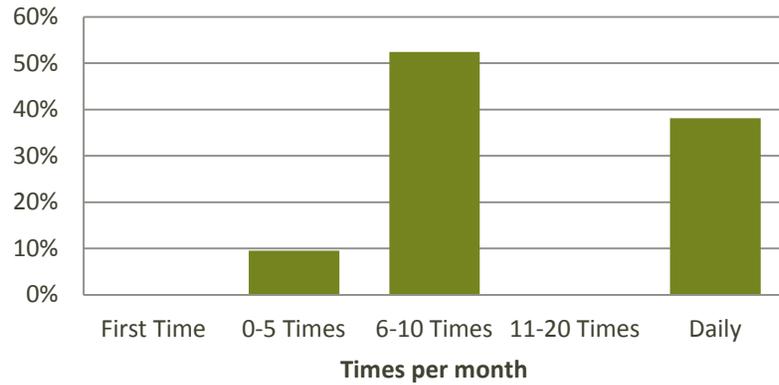


Why walkers use this trail instead of walking elsewhere

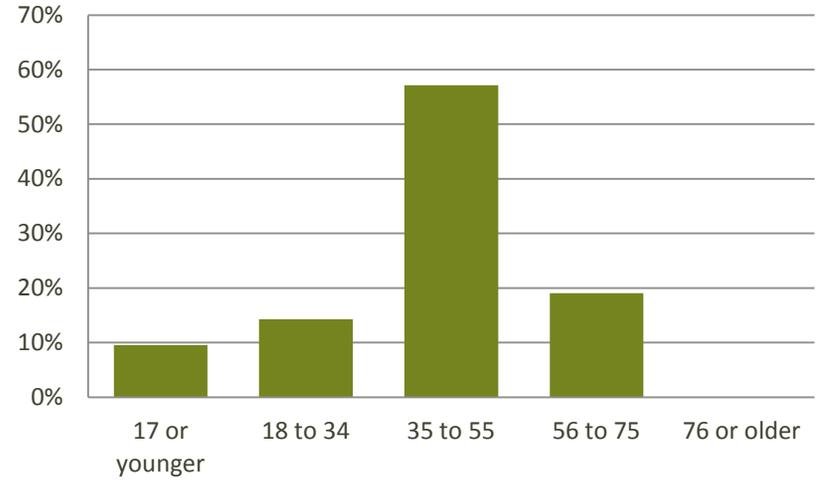


WESTSIDE/WATERHOUSE TRAIL – SURVEY DATA SUMMARY

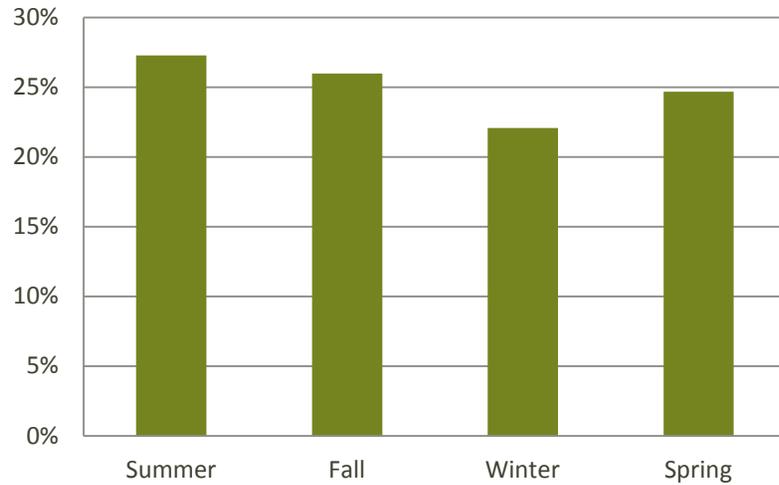
How often walkers use this trail



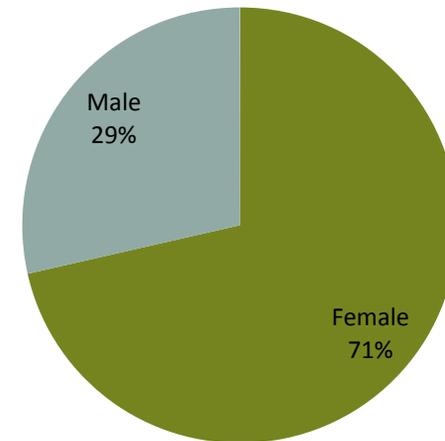
Ages of walkers surveyed on this trail



Seasons that walkers use this trail



Gender of walkers surveyed on this trail

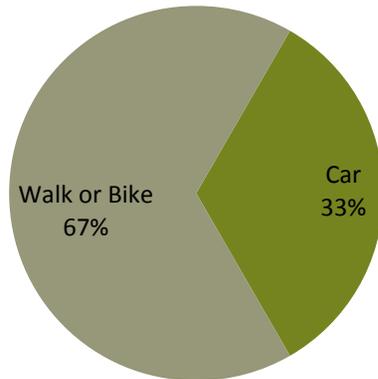


WESTSIDE/WATERHOUSE TRAIL – SURVEY DATA SUMMARY

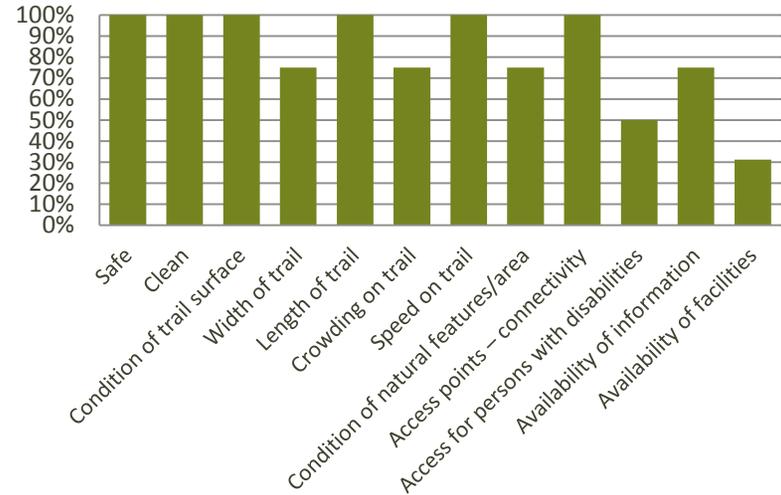
Why joggers use the trail



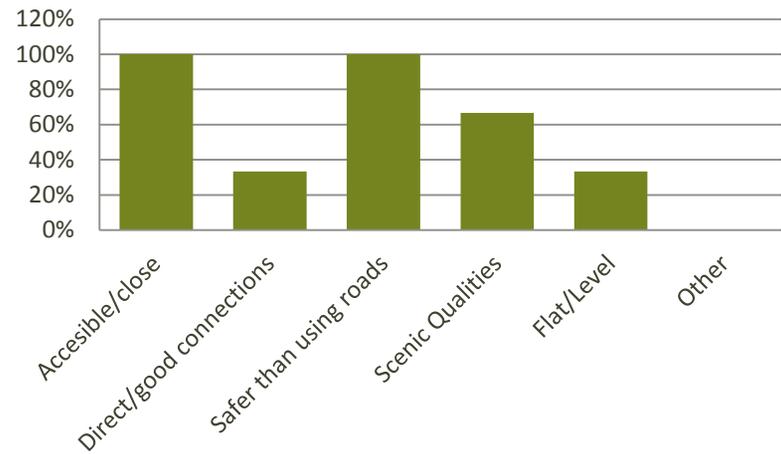
How joggers get to the trail



Share of responses by joggers with "Good" or "Excellent" ratings of the trail attributes

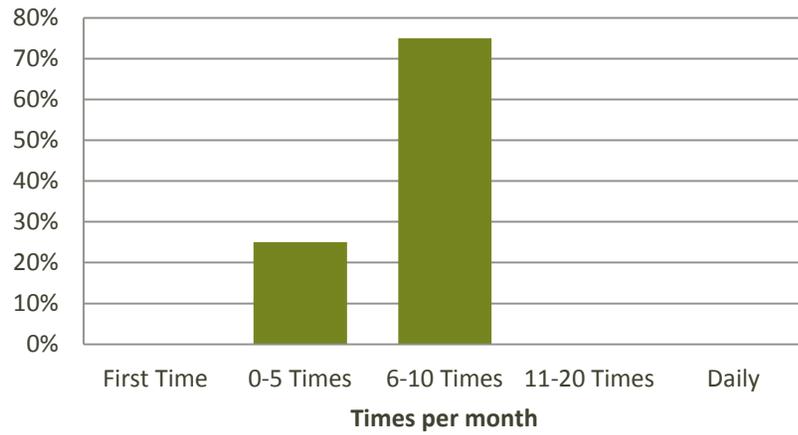


Why joggers use this trail instead of jogging elsewhere

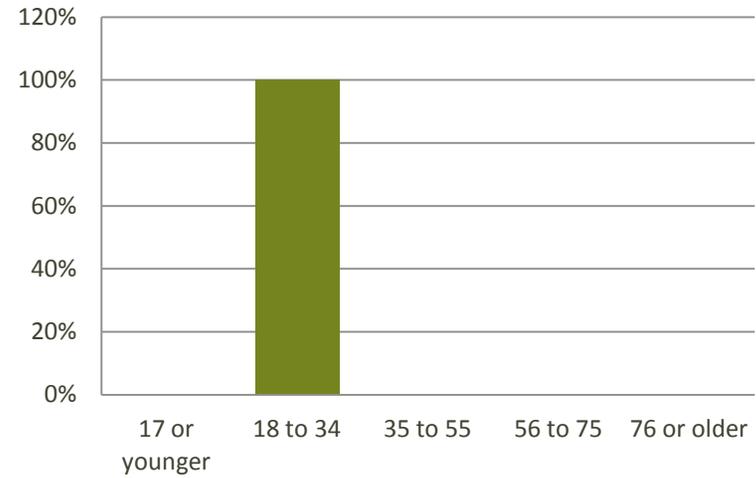


WESTSIDE/WATERHOUSE TRAIL – SURVEY DATA SUMMARY

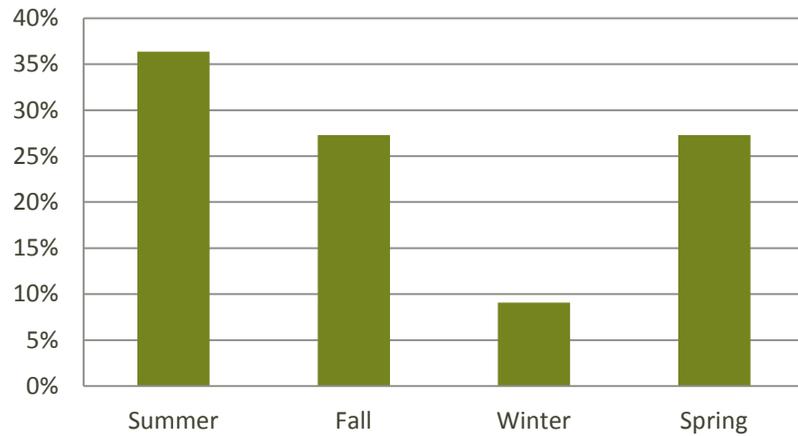
How often joggers use this trail



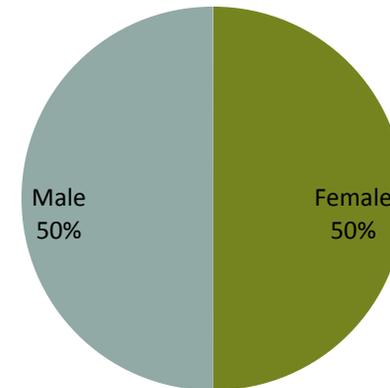
Ages of joggers surveyed on this trail



Seasons that joggers use this trail



Gender of joggers surveyed on this trail

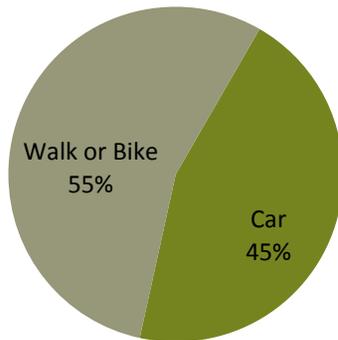


WESTSIDE/WATERHOUSE TRAIL – SURVEY DATA SUMMARY

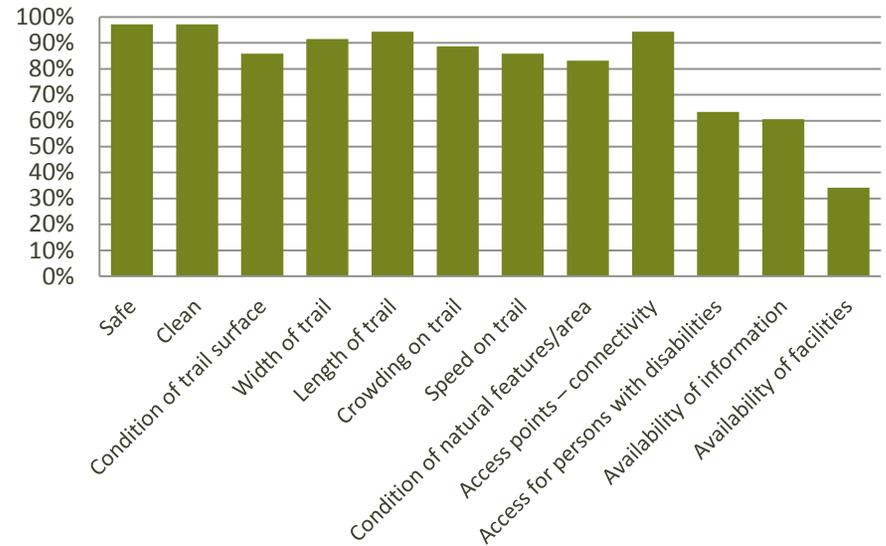
Why people use this trail



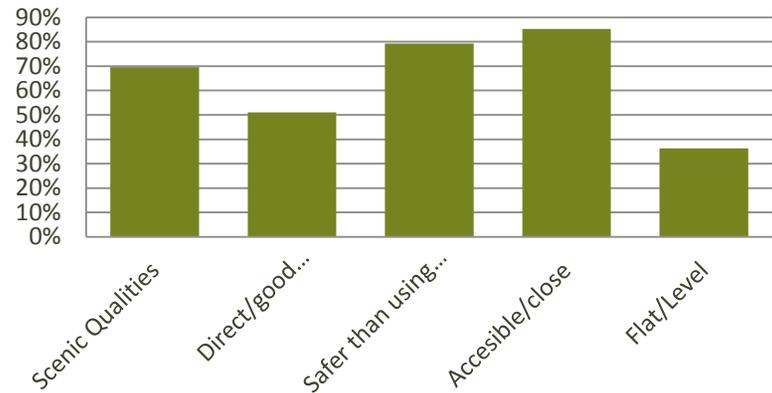
How people get to this trail



Share of responses with "Good" or "Excellent" ratings of the trail attributes

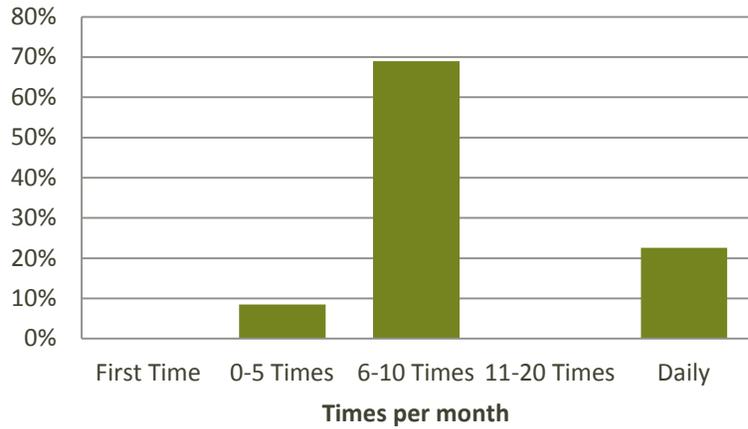


Why people use this trail instead of biking or walking elsewhere

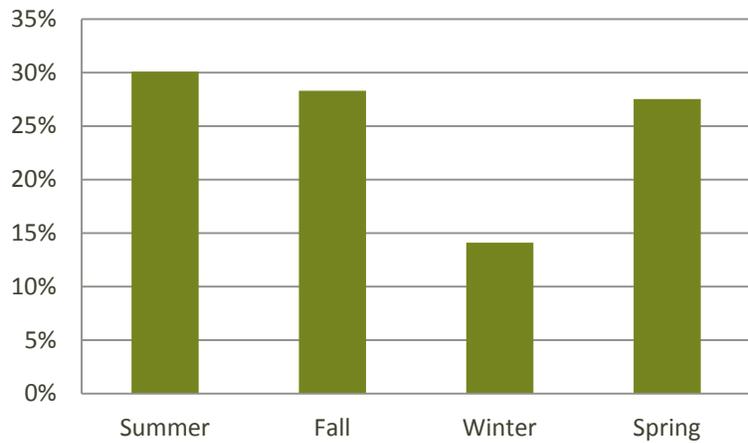


WESTSIDE/WATERHOUSE TRAIL – SURVEY DATA SUMMARY

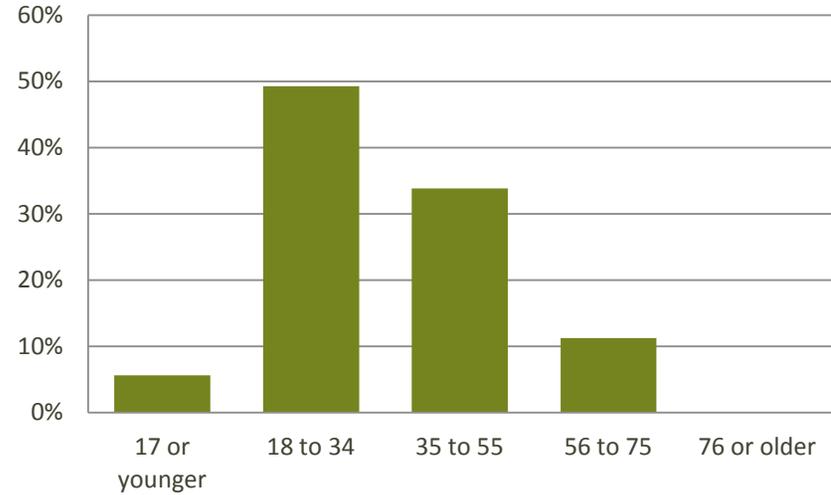
How often people use this trail



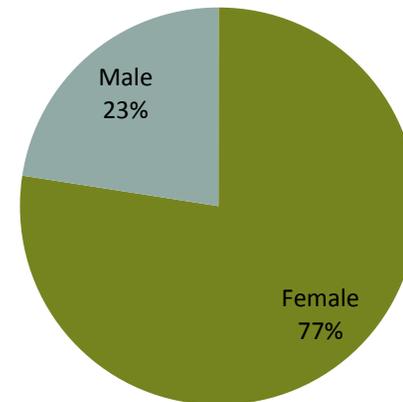
Seasons that people use this trail



Ages of trail users surveyed



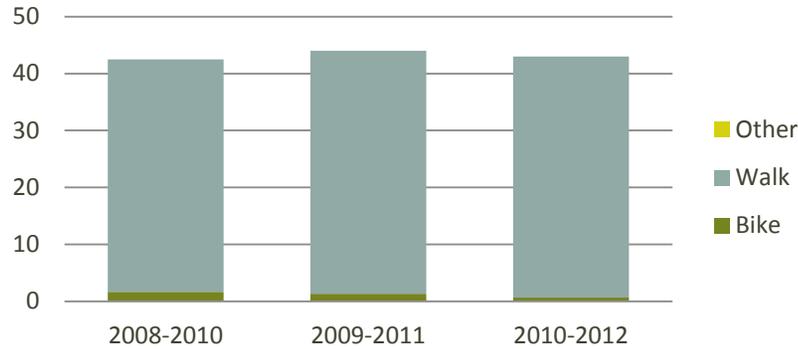
Gender of trail users surveyed



WILDWOOD TRAIL

Annual Count Data (Average 2 hour peak counts)	2008	2009	2010	2011	2012
Site 125 – Weekday					
Bike	2	2	-	-	0
Walk	37	43	-	-	42
Other	0	0	-	-	0
Total	39	45	-	-	42

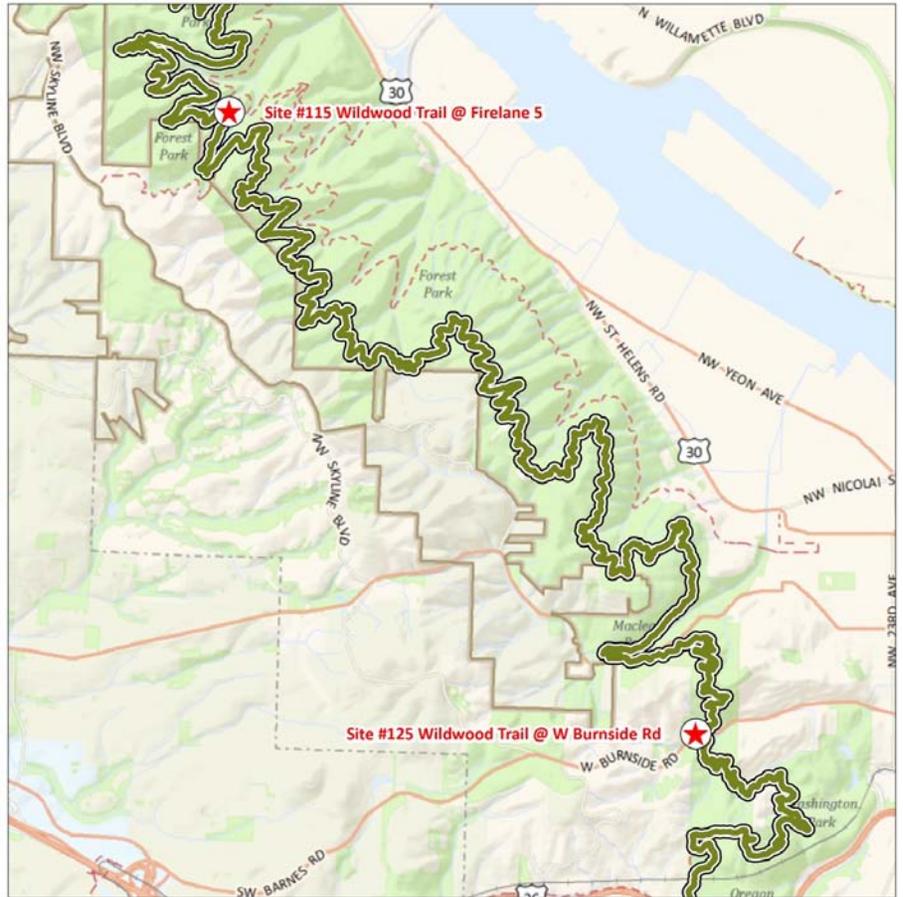
Average 2 Hour Peak Usage by Mode



Estimated Average Usage

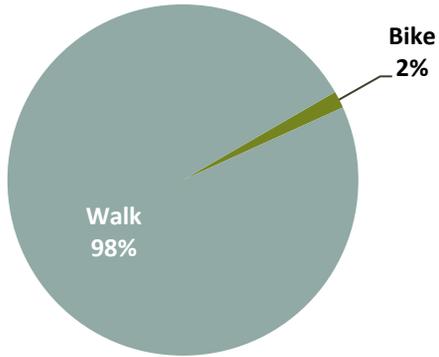
(2010-2012 rolling average, all user types)

DAILY: 390
WEEKLY: 2,800
MONTHLY: 12,000
YEARLY: 140,000

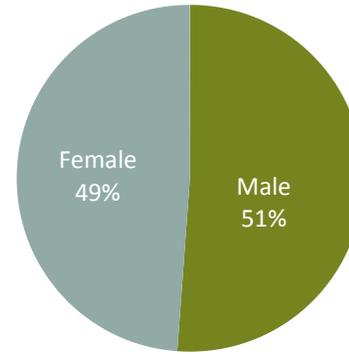


WILDWOOD TRAIL – COUNT DATA SUMMARY

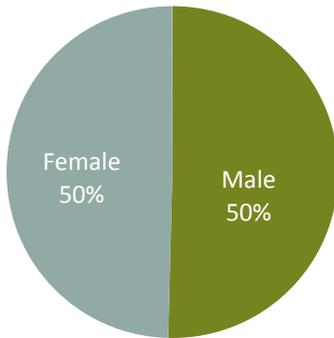
2010-2012 Mode Split



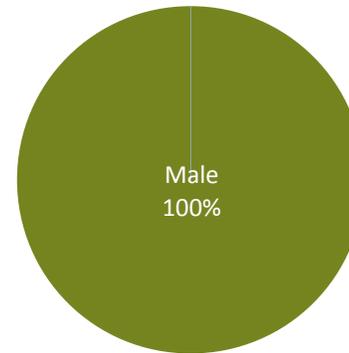
2010-2012 Observed Gender - All Users



2010-2012 Observed Gender - Pedestrians



2010-2012 Observed Gender - Bicyclists

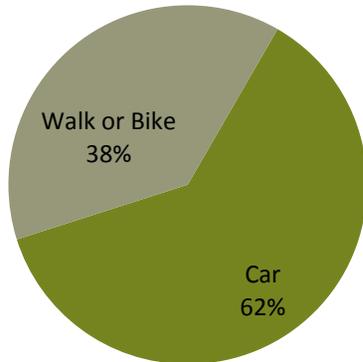


WILDWOOD TRAIL – SURVEY DATA SUMMARY

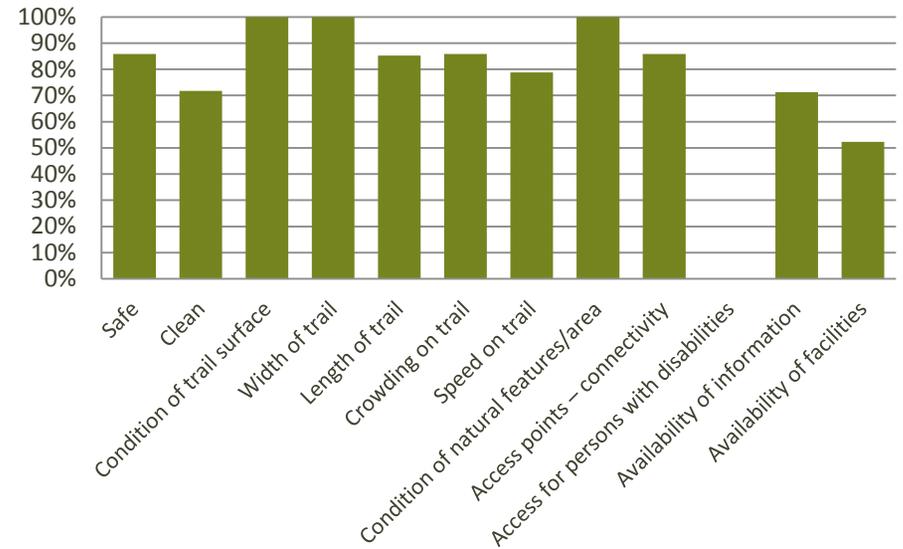
Why people use this trail



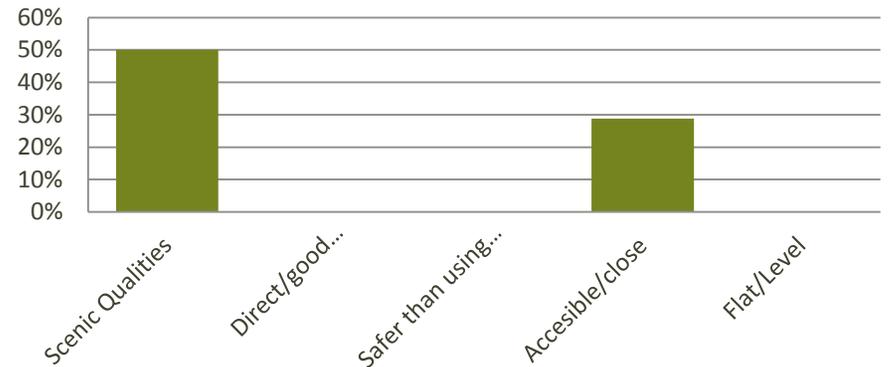
How people get to this trail



Share of responses with "Good" or "Excellent" ratings of the trail attributes

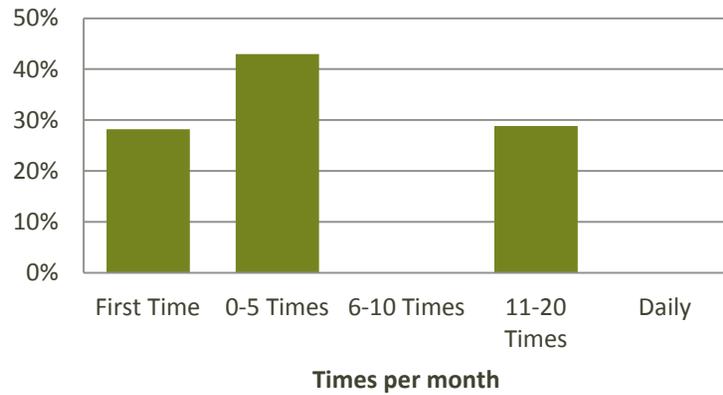


Why people use this trail instead of biking or walking elsewhere

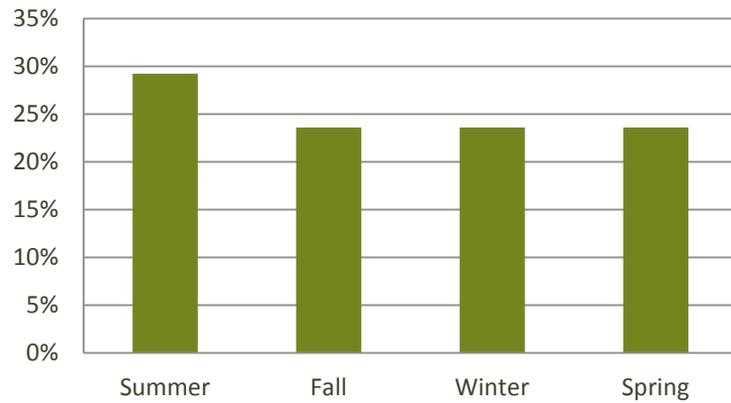


WILDWOOD TRAIL – SURVEY DATA SUMMARY

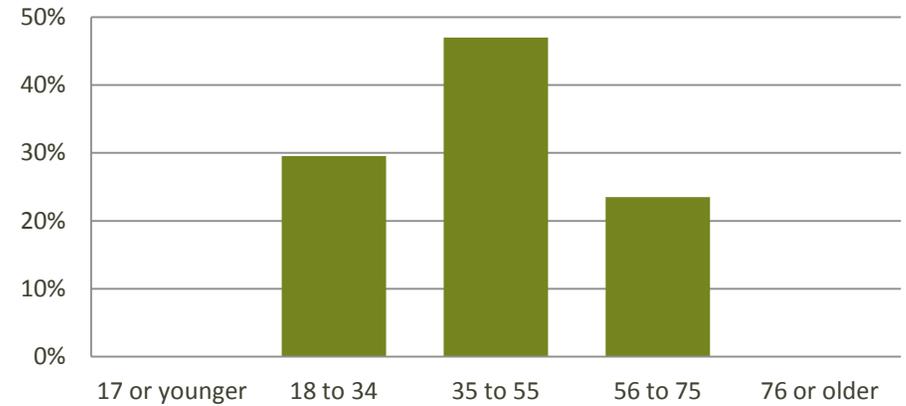
How often people use this trail



Seasons that people use this trail



Ages of trail users surveyed



Gender of trail users surveyed

