Metro's Trail Counting Program

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Regional Trails Planner

Metro | *Making a great place*

What is Metro?

- **Manages growth**
- **Solid waste/ recycling**
- **Visitor venues** (convention center, Zoo, etc.)
- **Parks and natural areas**
- **Transportation**

Role as MPO

Core Functions:

- Long Range Regional Transportation Plan (RTP)
- Allocate federal transportation $ to the region
- Involve the public
- Demonstrate air quality compliance for all projects
- Regional convener and facilitator

Parks and Natural Areas

Core Functions:

•Own and operate six regional parks

•Land acquisition for habitat and water quality protection. >3,000 acres to date.

•Regional trail planning and ROW acquisition.

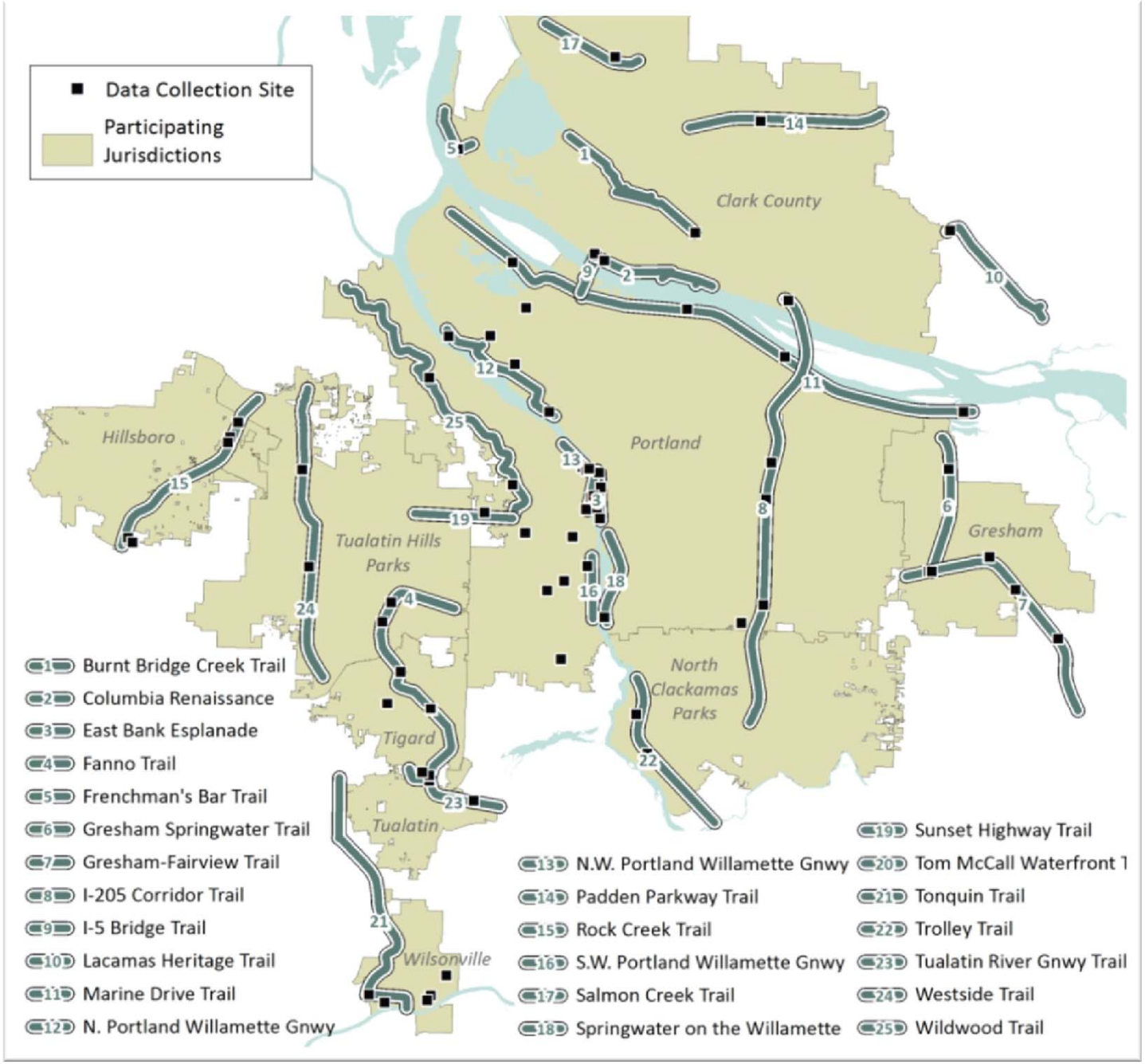
•Regional convener and facilitator.

The Intertwine

THE
INTER
TWINE

National Bicycle and Pedestrian Documentation Project (NBPD)

Year	Participating agencies	Volunteer hours	Sessions conducted	Surveys collected	Trail users Counted
2008	6	207	69	696	1,6678
2009	9	384	128	1,119	2,2011
2010	12	510	170	1,197	1,9277
total	**12**	**1,101**	**367**	**3,012**	**57,966**


Data Collection Site
Participating Jurisdictions
Clark County
Portland
Hillsboro
Tualatin Hills Parks
Gresham
North Clackamas Parks
Tigard
Tualatin
Wilsonville
1 Burnt Bridge Creek Trail
2 Columbia Renaissance
3 East Bank Esplanade
4 Fanno Trail
5 Frenchman's Bar Trail
6 Gresham Springwater Trail
7 Gresham-Fairview Trail
8 I-205 Corridor Trail
9 I-5 Bridge Trail
10 Lacamas Heritage Trail
11 Marine Drive Trail
12 N. Portland Willamette Gnwy
13 N.W. Portland Willamette Gnwy
14 Padden Parkway Trail
15 Rock Creek Trail
16 S.W. Portland Willamette Gnwy
17 Salmon Creek Trail
18 Springwater on the Willamette
19 Sunset Highway Trail
20 Tom McCall Waterfront T
21 Tonquin Trail
22 Trolley Trail
23 Tualatin River Gnwy Trail
24 Westside Trail
25 Wildwood Trail

Purpose

- 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

"The trail use data helped us secure nearly $800K in grants in the past year, including mid-block crossings and trailhead development. Our three years of trail counts consistently show that 30 percent of trail users dash across an arterial street during rush hour, a clear demonstration of the need for safe crossing. The surveys have given trail users a voice. They love the trail, but have asked for support facilities. Funding agencies responded to this."

–Mary Ordal
City of Hillsboro, Parks & Recreation

Methodology

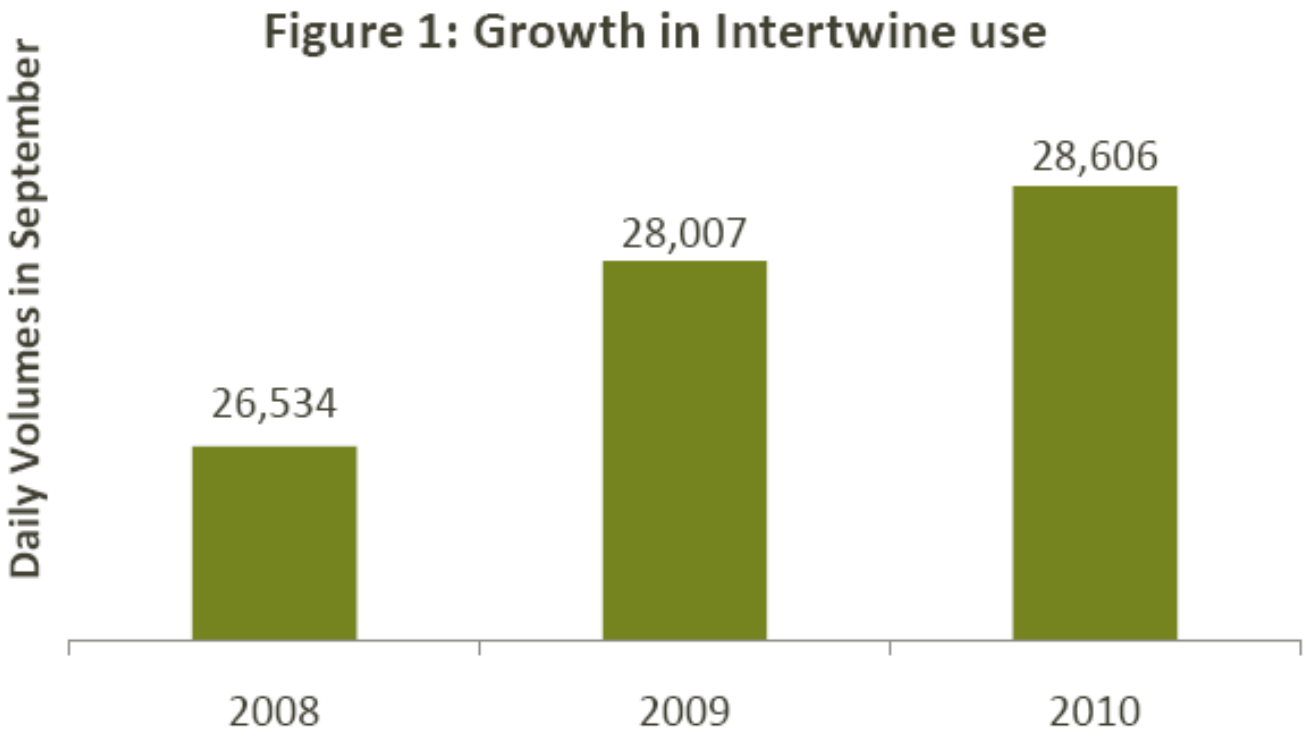


Figure 1: Growth in Intertwine use
Daily Volumes in September
26,534
28,007
28,606
2008
2009
2010

Figure 3: Average mode share on The Intertwine

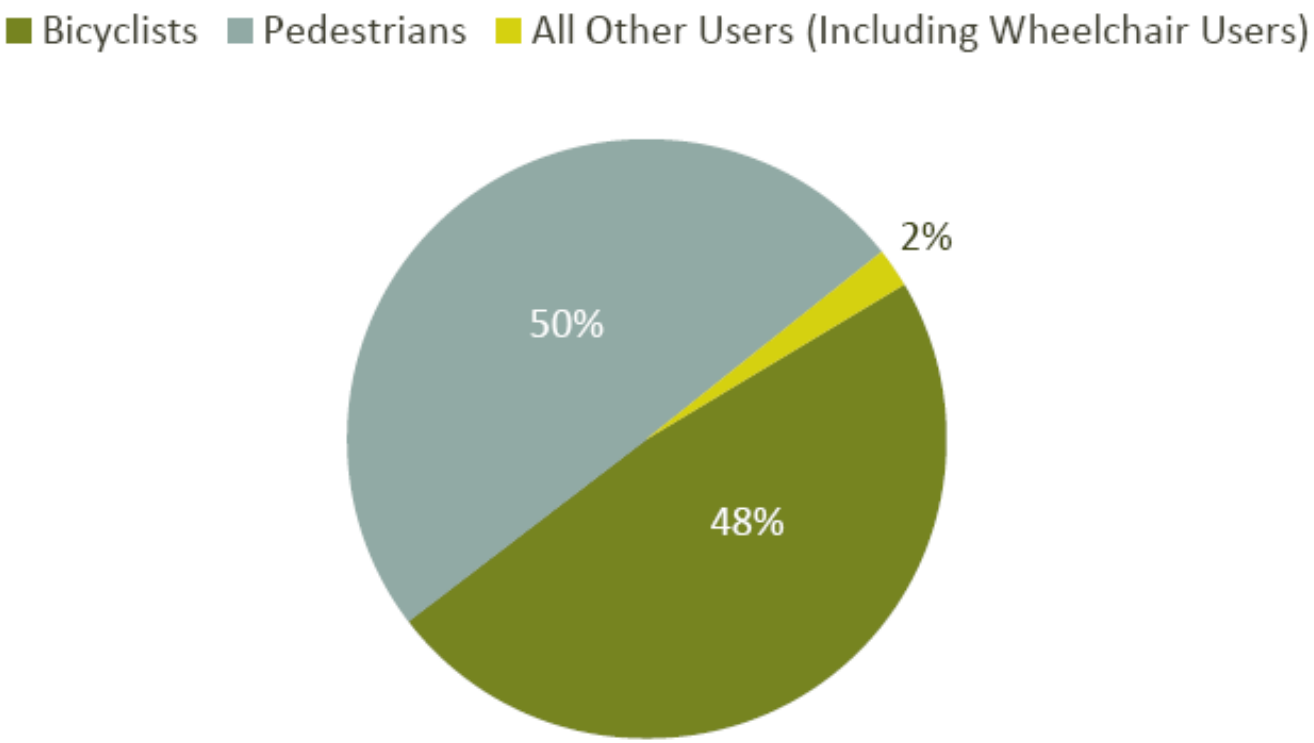


Figure 4: 2008 to 2010 average annual trip volumes along the top 5 Intertwine trail corridors

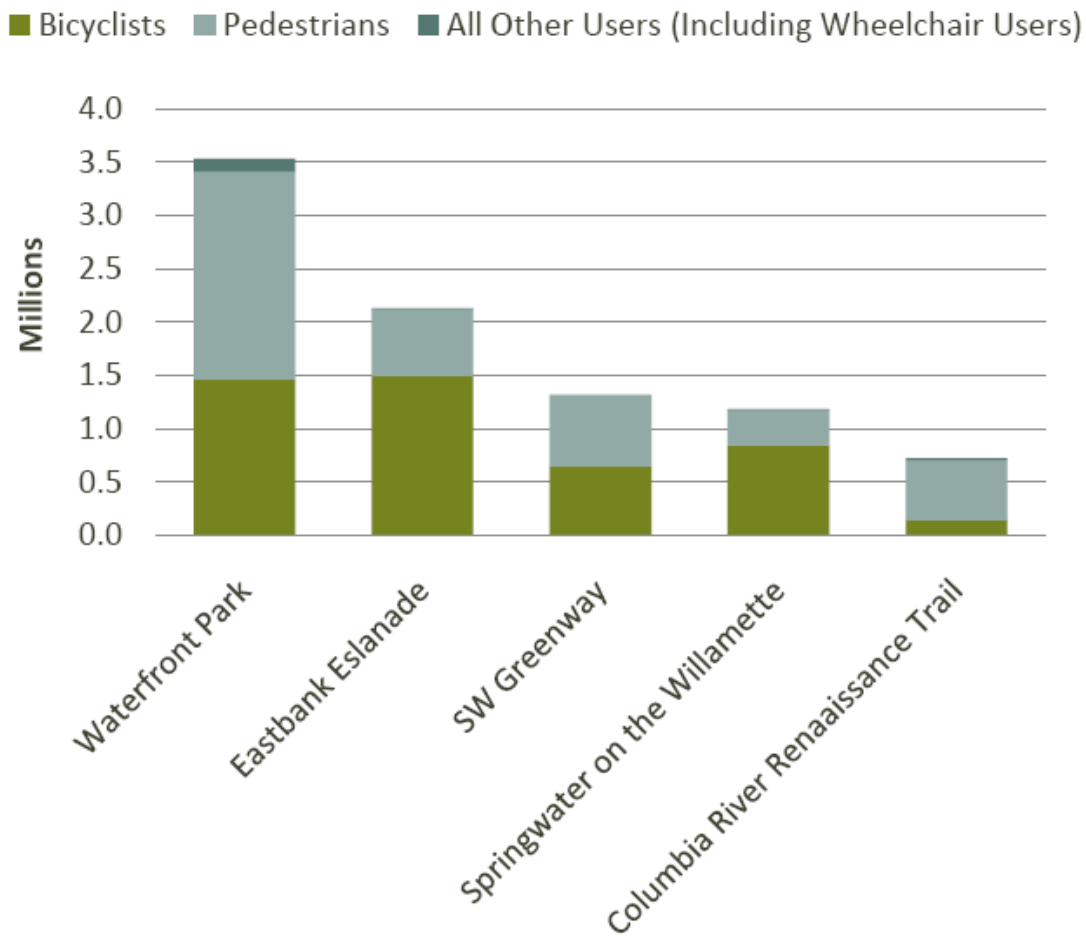
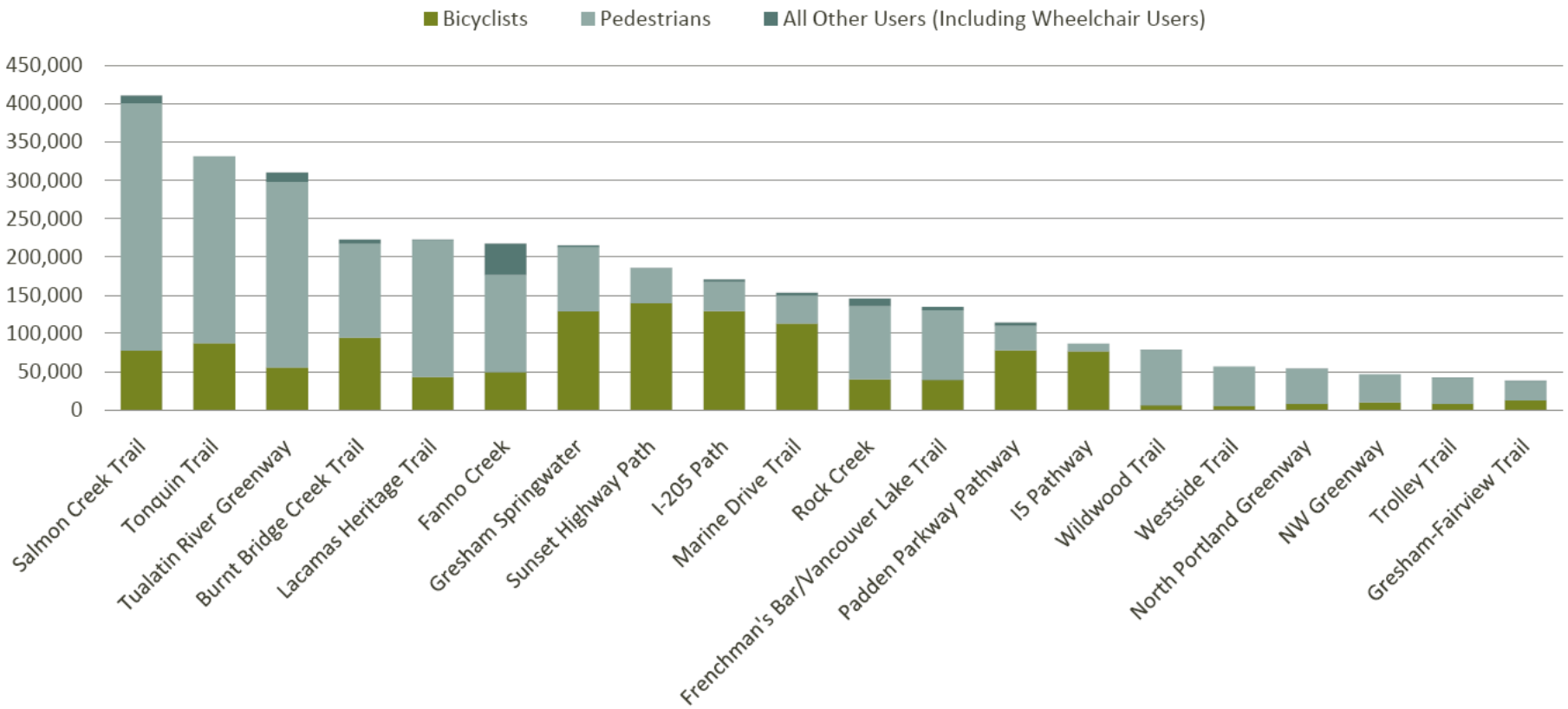


Figure 5: 2008 to 2010 average annual trip volumes along other Interwine trail corridors



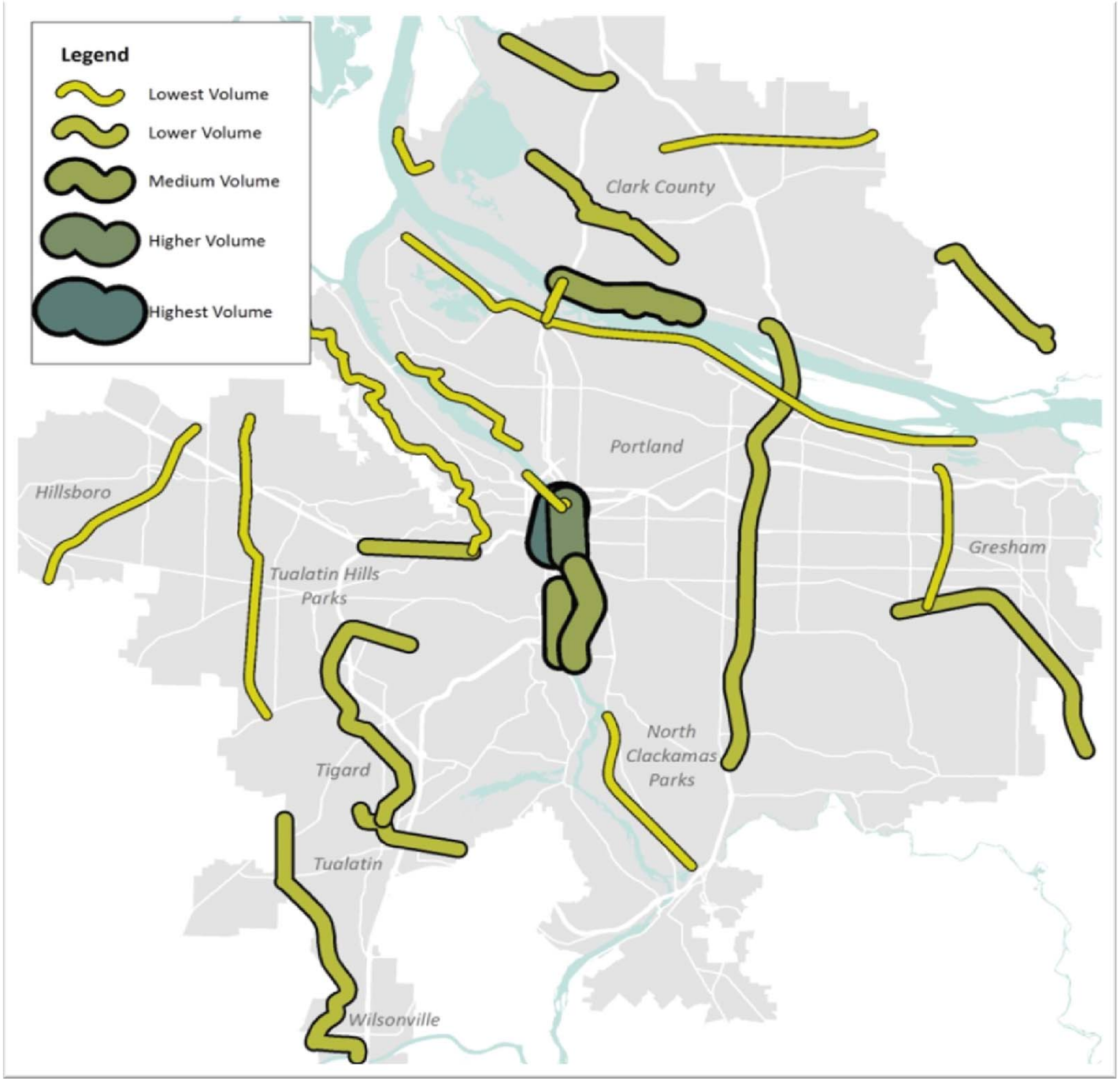

Legend
Lowest Volume
Lower Volume
Medium Volume
Higher Volume
Highest Volume
Clark County
Portland
Hillsboro
Gresham
Tualatin Hills Parks
North Clackamas Parks
Tigard
Tualatin
Wilsonville

Figure 6: Gender balance on The Intertwine

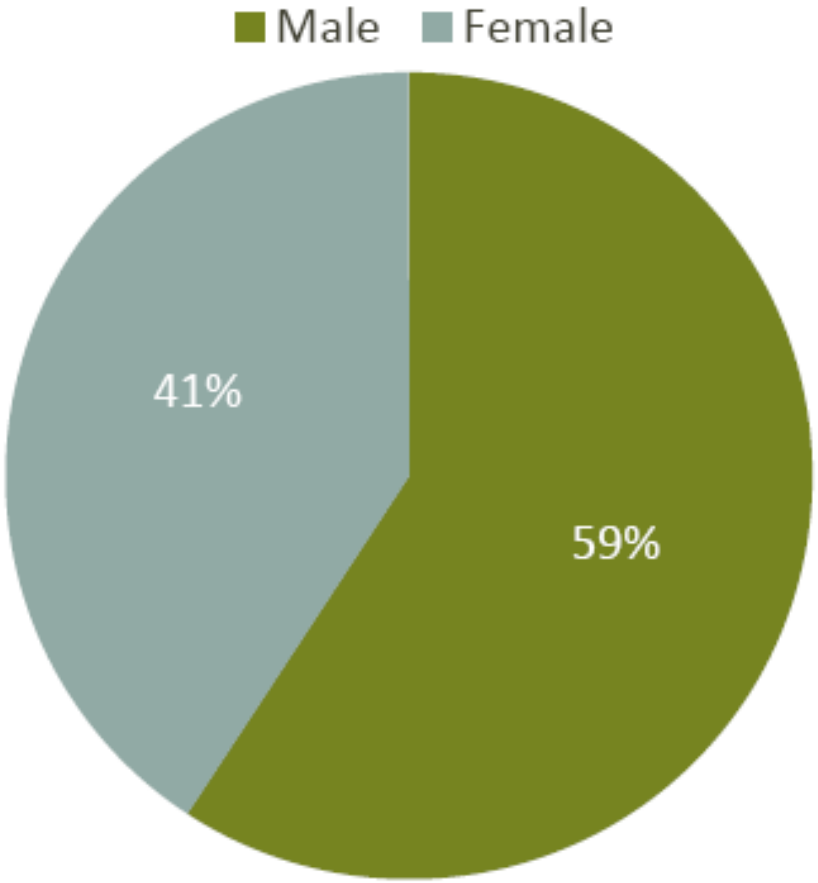


Figure 8: Gender of Intertwine Users on bikes

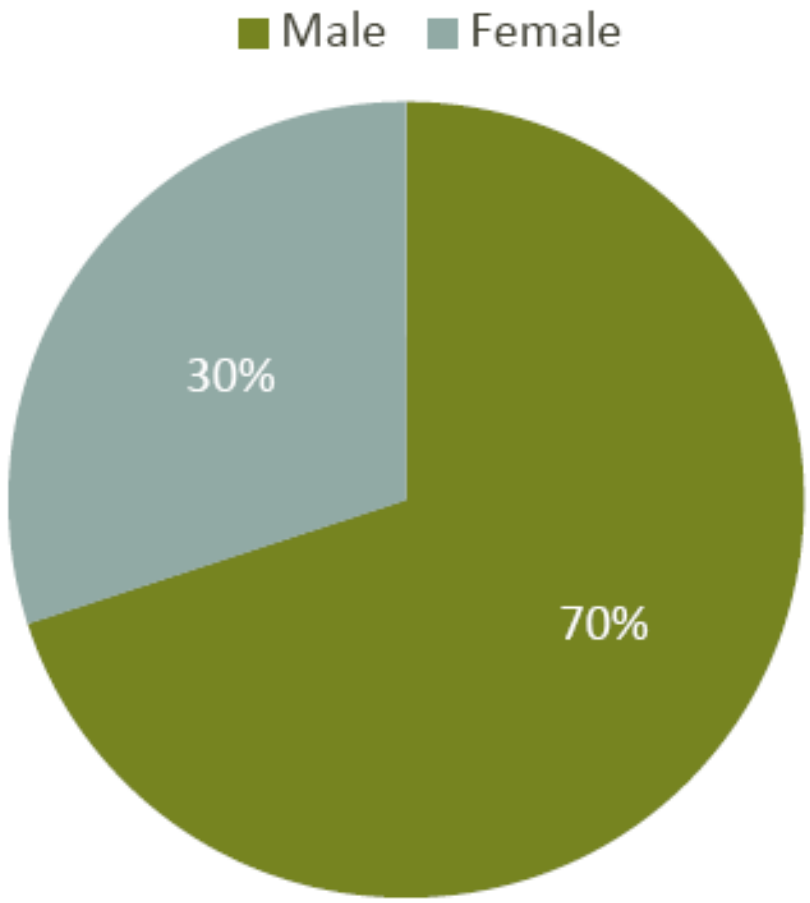


Figure 7: Gender of Intertwine users on foot

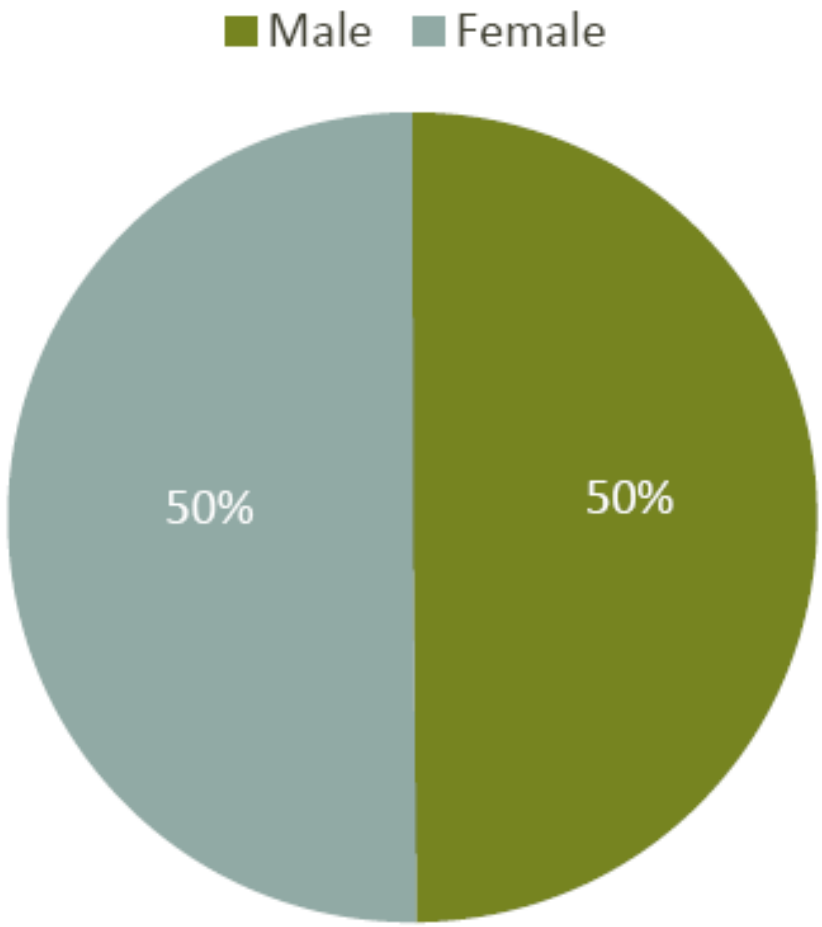


Figure 9: How often people use The Intertwine per month

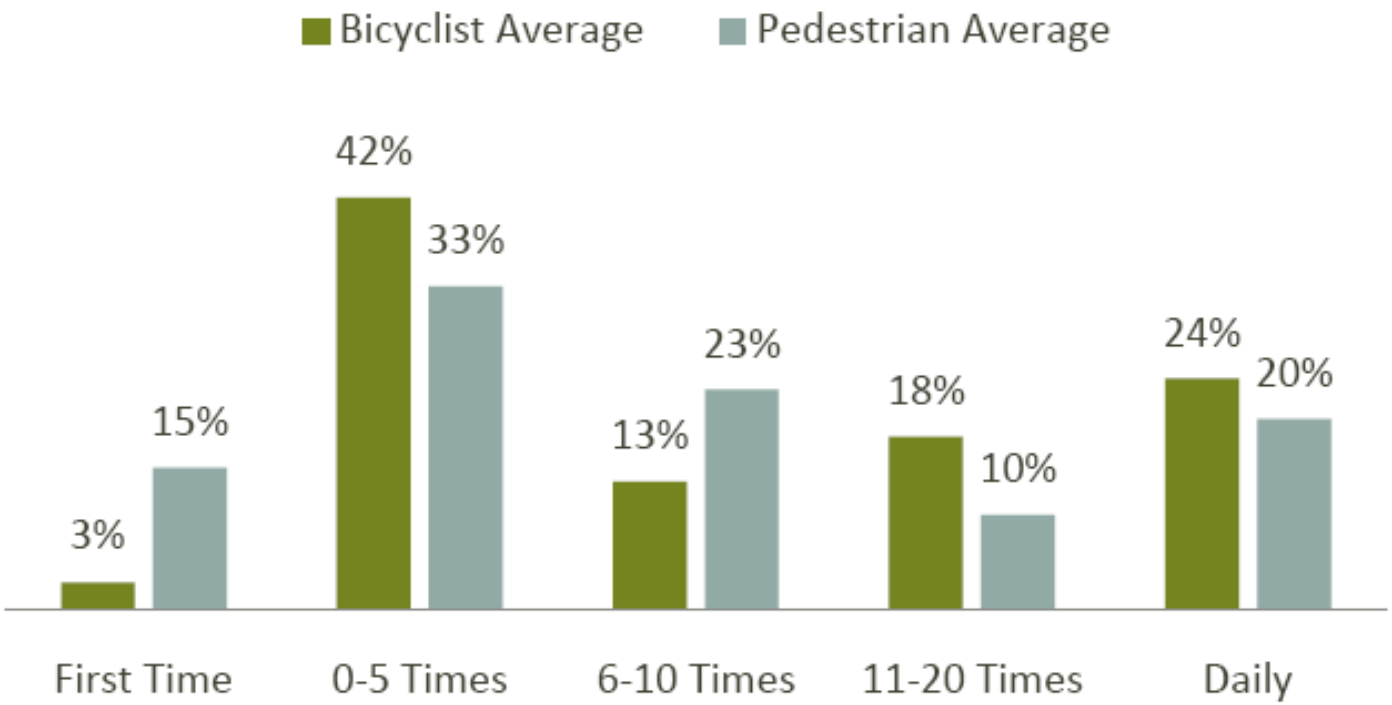


Figure 10: Intertwine trip purpose

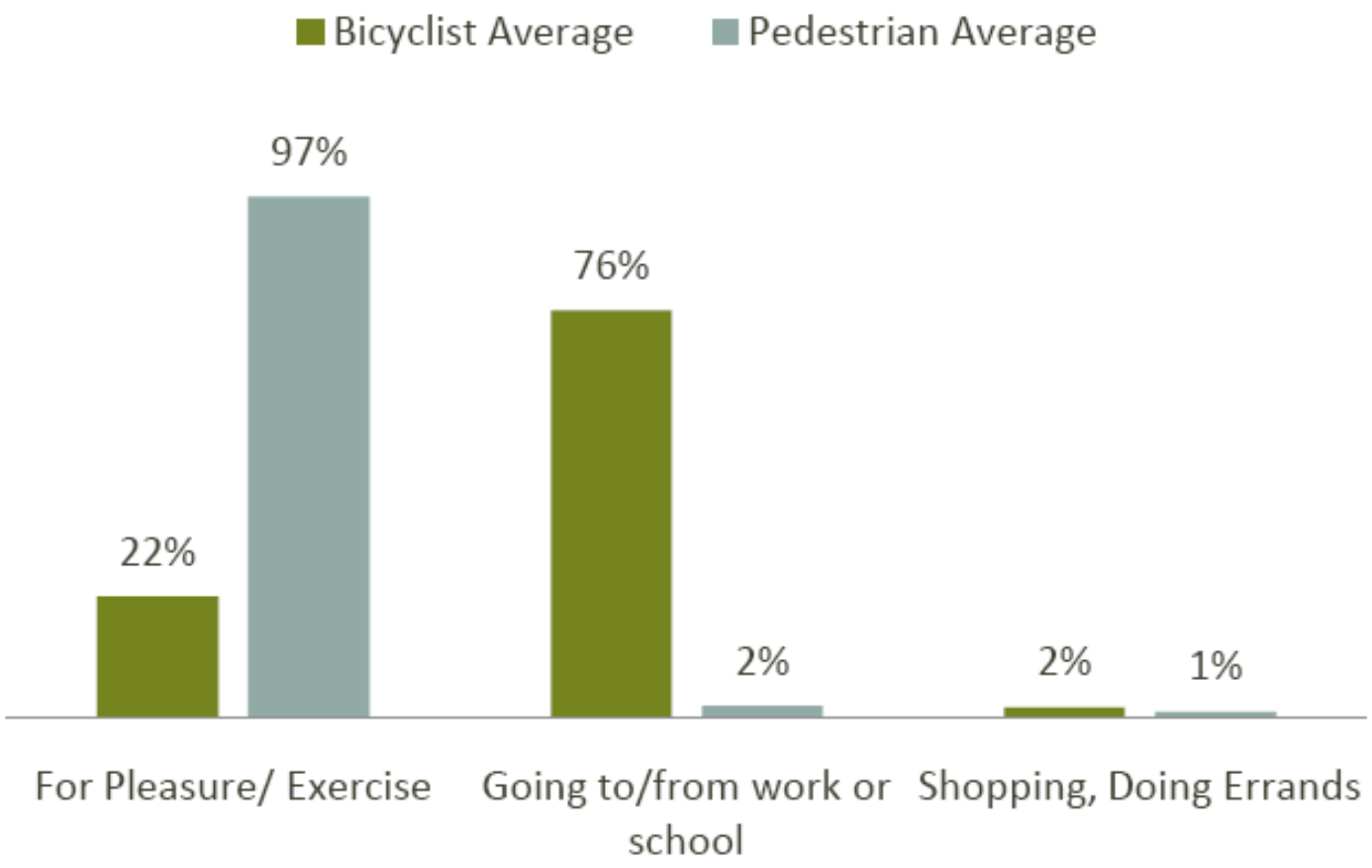


Figure 11: Factors influencing route choice

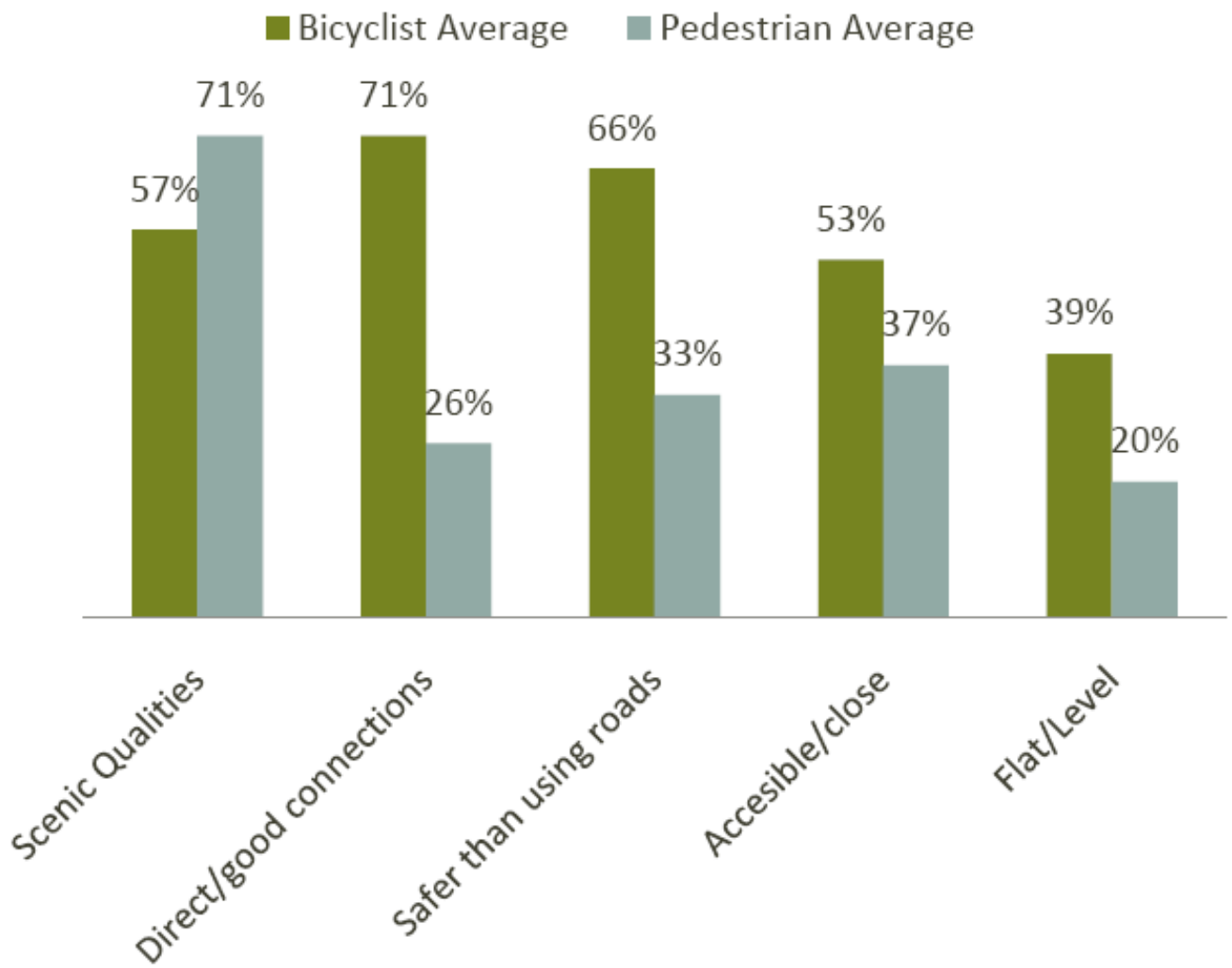


Figure 12: How Intertwine users get to the trail[6]

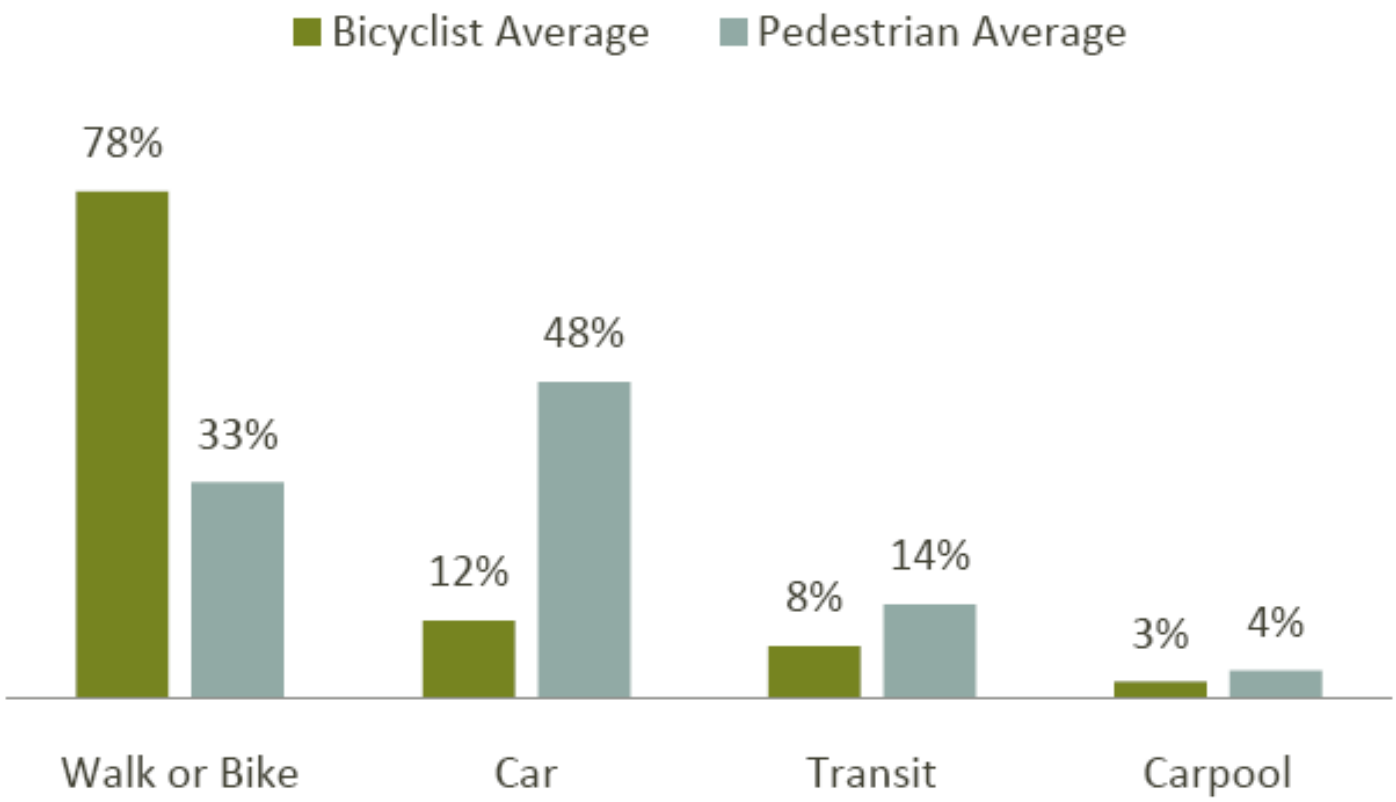
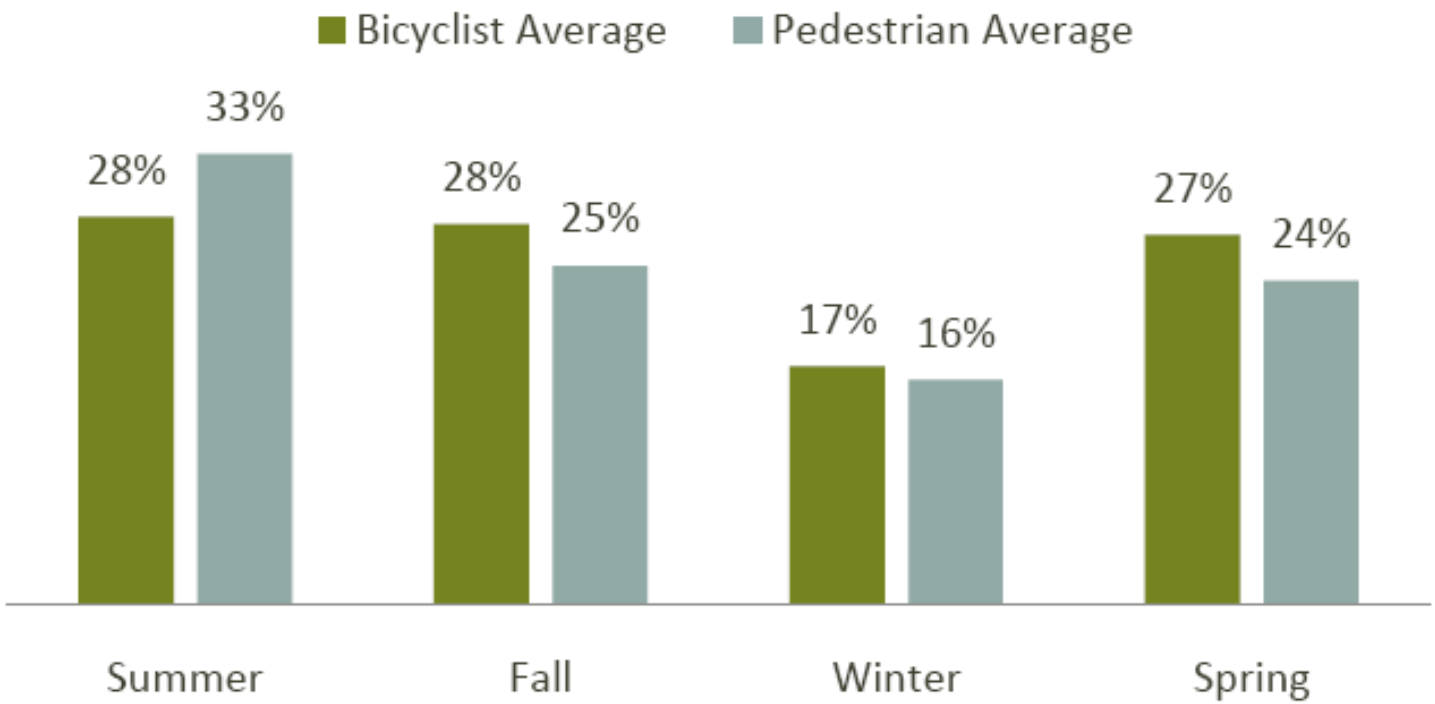


Figure 14: Intertwine trail use across the seasons



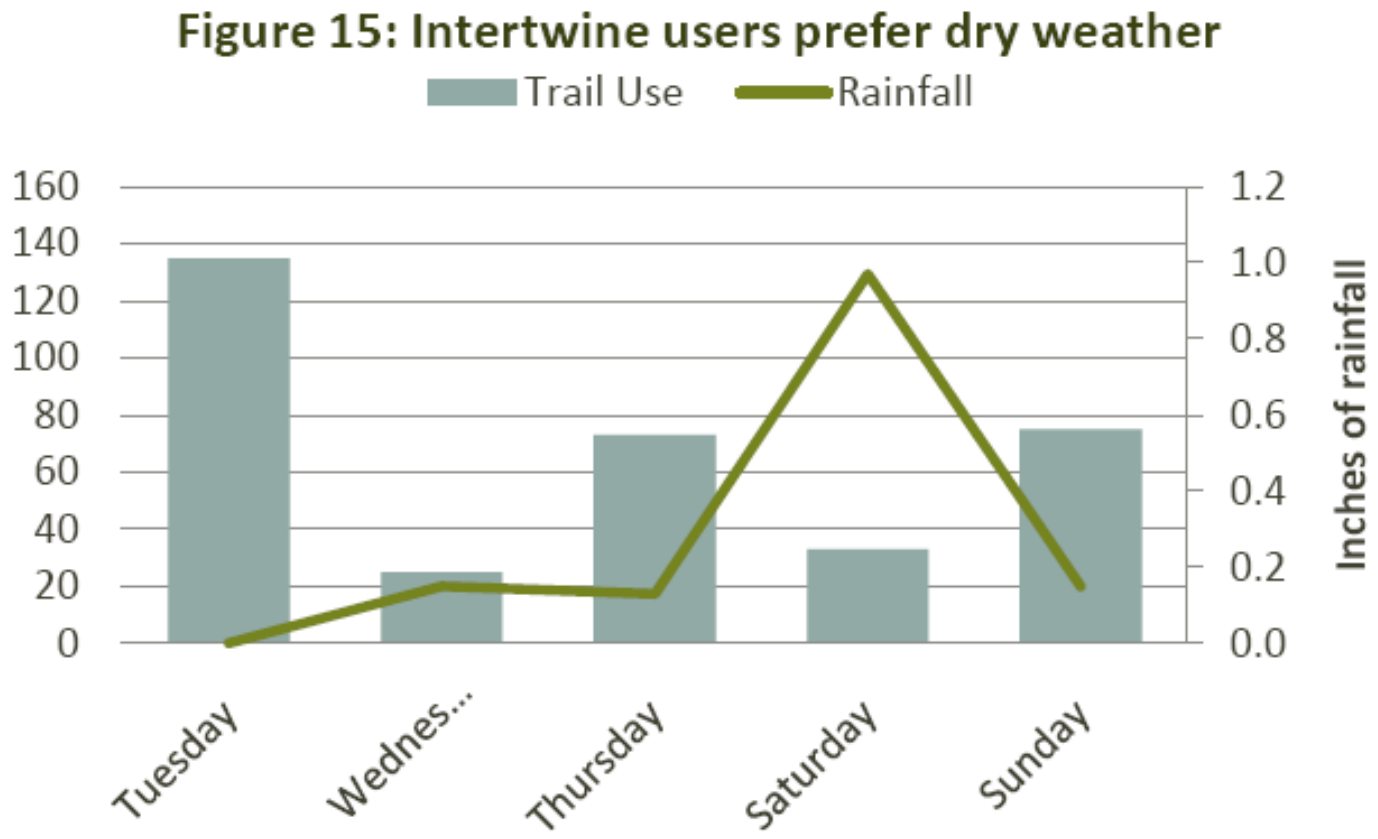


Figure 15: Intertwine users prefer dry weather
Trail Use
Rainfall
160
140
120
100
80
60
40
20
0
1.2
1.0
0.8
0.6
0.4
0.2
0.0
Inches of rainfall
Tuesday
Wednes...
Thursday
Saturday
Sunday