Washington State Department of Transportation

Employer ID: E11791

CTR Employer Survey Report

Thank you for completing your Commute Trip Reduction survey. This report contains the survey results.

Employer Id : E11791

Employer : WA State Board of Industrial Appeals

Worksite : Chandler

Street : 2430 Chandler Ct SW

Jurisdiction : City of Olympia

Survey Type : Paper

Survey Date : 5/15/2015

Response Rate : 80%

Drive Alone & One-Way VMT Rates at this Worksite

Drive Alone : 82.7%

One-Way VMT per employee : 16.8

Employees and Survey Response Information

Reported Total Employees at Worksite: 106

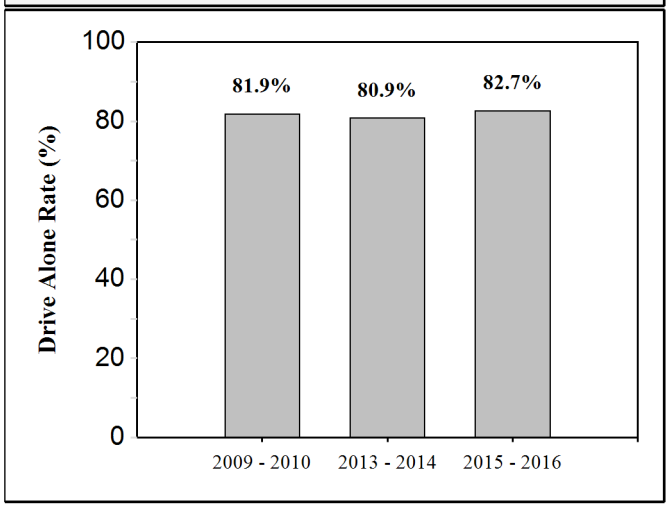
Surveys Distributed : 106

Surveys Returned : 85

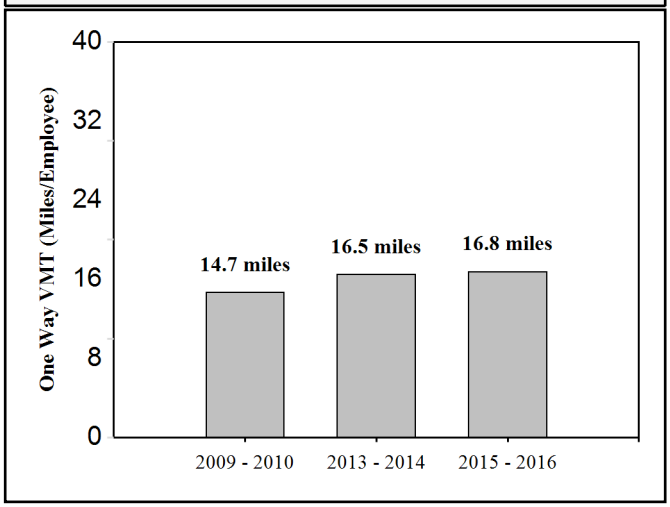
Surveys Returned by CTR Affected Employees : 82

Total Estimated CTR - Affected Employees at Worksite : 102

Drive Alone - All Employees



One Way VMT per Employee - All Employees



Site History and Goal

Cycle	Drive Alone - All	Drive Alone - CTR Affected	VMT / Employee - All	VMT / Employee - CTR Affected
2007 - 2008	N/A	N/A	N/A	N/A
2009 - 2010	81.9%	82.5%	14.7	14.9
2011 - 2012	81.8%	81.4%	13.8	14.0
2013 - 2014	80.9%	80.8%	16.5	16.7
2015 - 2016	82.7%	82.2%	16.8	16.7
2017 - 2018	N/A	N/A	N/A	N/A
2019 - 2020	N/A	N/A	N/A	N/A
Goal	TBD	TBD	TBD	TBD
Percent Change	1.0%	-0.4%	14.3%	12.1%

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Comparison Between Rates With and Without Fill-In

The survey response rate is indicated on Page 1. To encourage a response rate of at least 70%, additional drive alone trips are added to survey results for worksites with a response rate of less than 70%. For these worksites it is assumed that non-responding employees between the actual response rate and 70% drive alone 5 days a week. These additional trips represent the "Fill-In" applied. Note that fill-in is not applied to a worksite's first survey in the 2007 to 2012 cycle (their baseline survey).

	2009 - 2010	2013 - 2014	2015 - 2016
Drive Alone - All Employees*	81.9%	80.9%	82.7%
Drive Alone - CTR Affected Employees*	82.5%	80.8%	82.2%
VMT/Employee - All Employees	14.7	16.5	16.8
VMT/Employees - CTR Affected Employees	14.9	16.7	16.7

** Drive alone rate includes one person motorcycles.*

Congratulations! You achieved a survey response rate of 70% or higher on this survey. Fill-in comparison for previous surveys, if applicable, are included in the chart above.

GHG Emissions: Total for Drive Alone, Carpools, Vanpools

Annual Greenhouse Gas Emissions (Metric Tons CO2e) for Roundtrip Commute*

Value	2009 - 2010	2013 - 2014	2015 - 2016
Emissions for Surveyed Employees	301	265	290
Estimated Emissions for Total Employment	323	352	361

* Estimated based on VMT from commuters driving alone, carpooling, vanpooling, or motorcycling, without fill-in applied.

Bus Transit Passenger Miles and Rail Transit Passenger Miles*

Annual Transit Passenger Miles (includes Roundtrip Commute)	2009 - 2010	2013 - 2014	2015 - 2016
Bus Annual Passenger Miles - Estimated for Total Employment	49,891	4,253	0
Bus Annual Passenger Miles - Surveyed Employees	46,500	3,200	0
Ferry Annual Passenger Miles - Estimated for Total Employment	0	0	0
Ferry Annual Passenger Miles - Surveyed Employees	0	0	0
Train/Light Rail/Streetcar Annual Passenger Miles - Estimated for Total Employment	0	0	0
Train/Light Rail/Streetcar Annual Passenger Miles - Surveyed Employees	0	0	0

* Transit passenger miles can be used to gauge changes in transit usage, and also to calculate greenhouse gas emissions from transit commute trips. However, emissions attributable to transit vary widely, depending on the efficiency/energy source of transit vehicles and transit vehicle passenger load (typically ranging from 0.1 to 0.9 pounds CO2e emissions/passenger mile). Employers are strongly encouraged to contact their local transit agencies for more precise information on GHG emissions for their transit trips. If nothing else is available, the value of 0.47 pounds (0.00021 metric tons) per passenger mile can be used to estimate CO2e emissions for bus transit, and 0.39 pounds (0.00018 metric tons) CO2e emissions per passenger mile for train/light rail/streetcar.

Q3.

One way, how many miles do you commute from home to your usual work location?
Average one-way distance home to work: 29.1 miles

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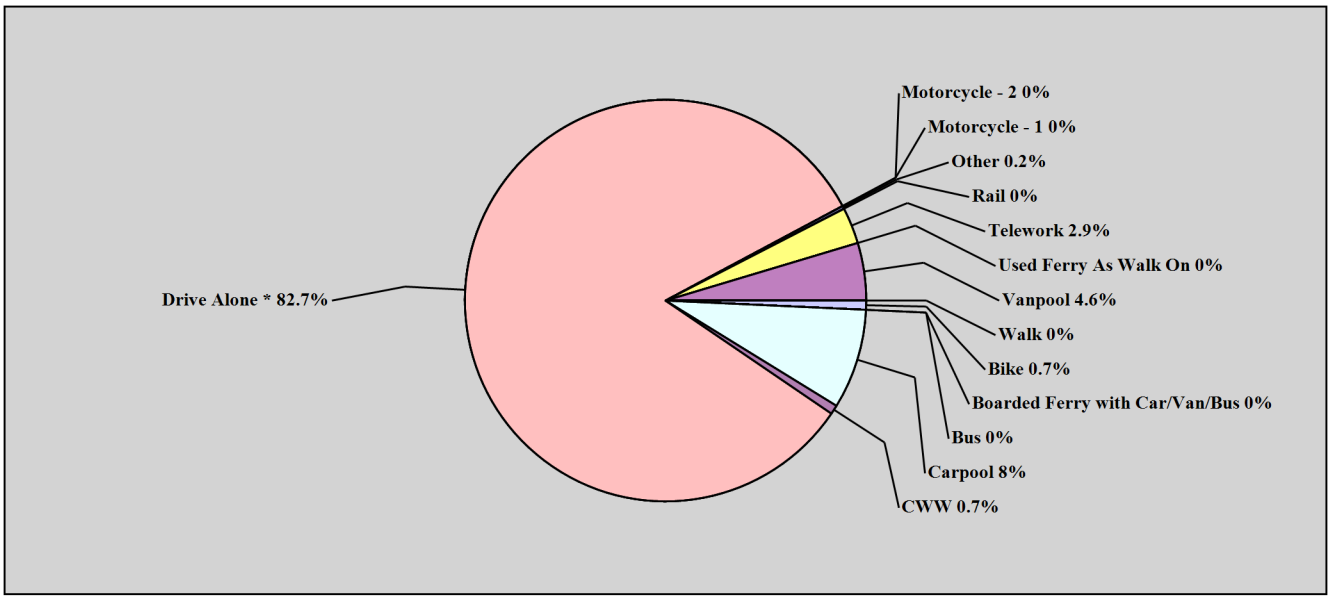
Commute Trips By Mode - All Employees

Q.4a: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)



Mode	Trips During This Survey Week	% of Trips During This Survey Week	% of Trips During Previous Survey Week	Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During Previous Survey Week
Drive Alone *	339	82.7%	80.9%	78	91.8%	88.2%
Carpool	33	8.0%	9.1%	10	11.8%	10.5%
Vanpool	19	4.6%	4.4%	5	5.9%	6.6%
Motorcycle - 1	0	0.0%	0.0%	0	0.0%	0.0%
Motorcycle - 2	0	0.0%	0.0%	0	0.0%	0.0%
Bus	0	0.0%	1.7%	0	0.0%	2.6%
Rail	0	0.0%	0.0%	0	0.0%	0.0%
Bike	3	0.7%	0.6%	1	1.2%	1.3%
Walk	0	0.0%	0.0%	0	0.0%	0.0%
Telework	12	2.9%	2.2%	8	9.4%	6.6%
CWW	3	0.7%	0.8%	3	3.5%	3.9%
Boarded Ferry with Car/Van/Bus	0	0.0%	0.0%	0	0.0%	0.0%
Used Ferry As Walk On	0	0.0%	0.0%	0	0.0%	0.0%
Other	1	0.2%	0.3%	1	1.2%	1.3%

** Drive alone mode includes fill-in, where applicable.*

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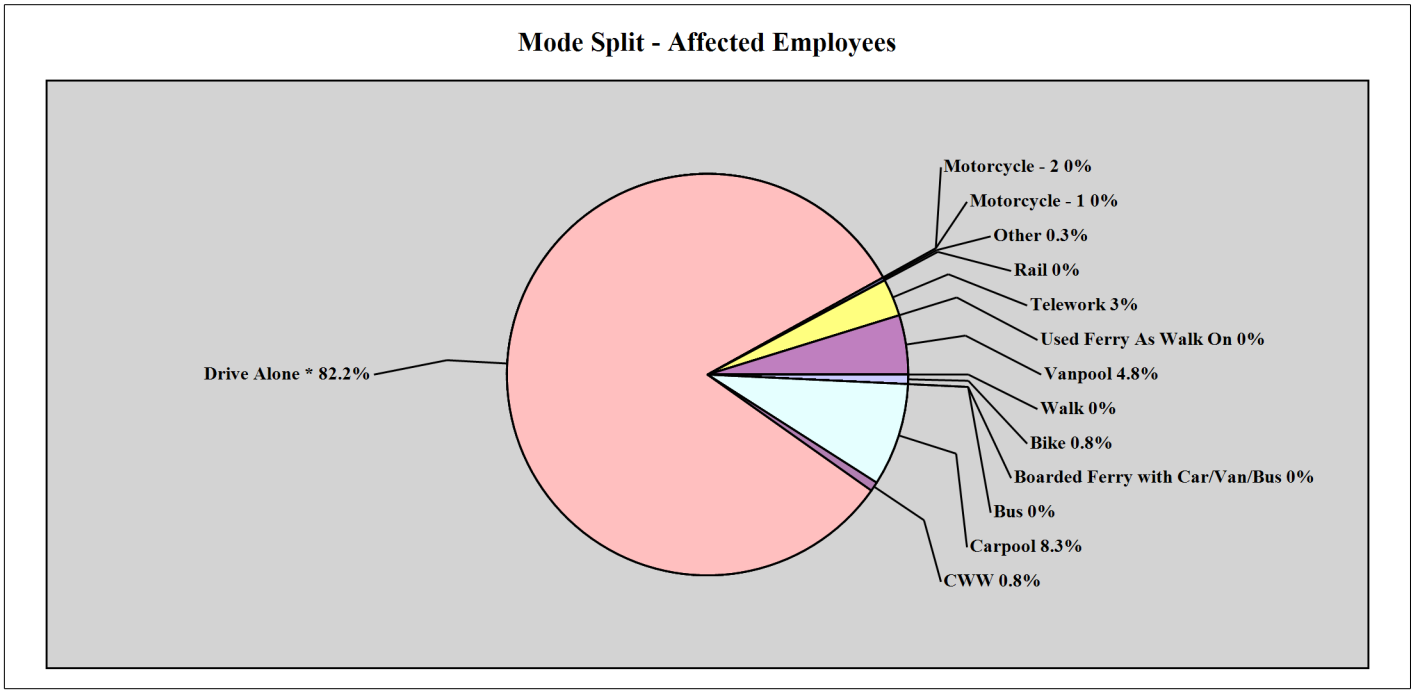
Commute Trips By Mode - Affected Employees

Q.4a: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)



Mode	Trips During This Survey Week	% of Trips During This Survey Week	% of Trips During Previous Survey Week	Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During Previous Survey Week
Drive Alone *	327	82.2%	80.8%	75	91.5%	88.0%
Carpool	33	8.3%	9.2%	10	12.2%	10.7%
Vanpool	19	4.8%	4.5%	5	6.1%	6.7%
Motorcycle - 1	0	0.0%	0.0%	0	0.0%	0.0%
Motorcycle - 2	0	0.0%	0.0%	0	0.0%	0.0%
Bus	0	0.0%	1.7%	0	0.0%	2.7%
Rail	0	0.0%	0.0%	0	0.0%	0.0%
Bike	3	0.8%	0.6%	1	1.2%	1.3%
Walk	0	0.0%	0.0%	0	0.0%	0.0%
Telework	12	3.0%	2.2%	8	9.8%	6.7%
CWW	3	0.8%	0.8%	3	3.7%	4.0%
Boarded Ferry with Car/Van/Bus	0	0.0%	0.0%	0	0.0%	0.0%
Used Ferry As Walk On	0	0.0%	0.0%	0	0.0%	0.0%
Other	1	0.3%	0.3%	1	1.2%	1.3%

** Drive alone mode includes fill-in, where applicable.*

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Alternative Modes - Number of Employees Who Used a Non-Drive Alone Mode:

Non-Drive Alone Number Of Days	Exactly this # of Employees	Exactly this % of Employees	At least # of Employees	At least % of employees
0 Day	60	71%	85	100%
1 Days	9	11%	25	29%
2 Days	3	4%	16	19%
3 Days	3	4%	13	15%
4 Days	3	4%	10	12%
5 Days	7	8%	7	8%
6 or More Days	0	0%	0	0%

Work Schedules By Group - All Employees (This table shows the relationship between work schedule and commute mode)

Employees who worked:	Drive Alone 5 days / week		Drive Alone 3 or 4 days / week		Used Bus At Least 3 days / week		Carpooled At Least 3 days / week		Used Rail At Least 3 days / week		Vanpooled At Least 3 times / week		Biked or Walked At Least 3 Days / week		Used 'Other' Modes At Least 3 Days / week		Used Non-Drive Alone At Least 3 Days / week	
5 days a week	49	66.2%	11	14.9%	0	0%	6	8.1%	0	0%	4	5.4%	1	1.4%	0	0%	11	14.9%
4 days a week (4/10s)	0	0%	3	100%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
3 days a week	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
9 days in 2 weeks (9/80)	3	50%	1	16.7%	0	0%	1	16.7%	0	0%	1	16.7%	0	0%	0	0%	2	33.3%
7 days in 2 weeks	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
Other	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%

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Count by Occupancy of Carpools, Vanpools, and Motorcycles

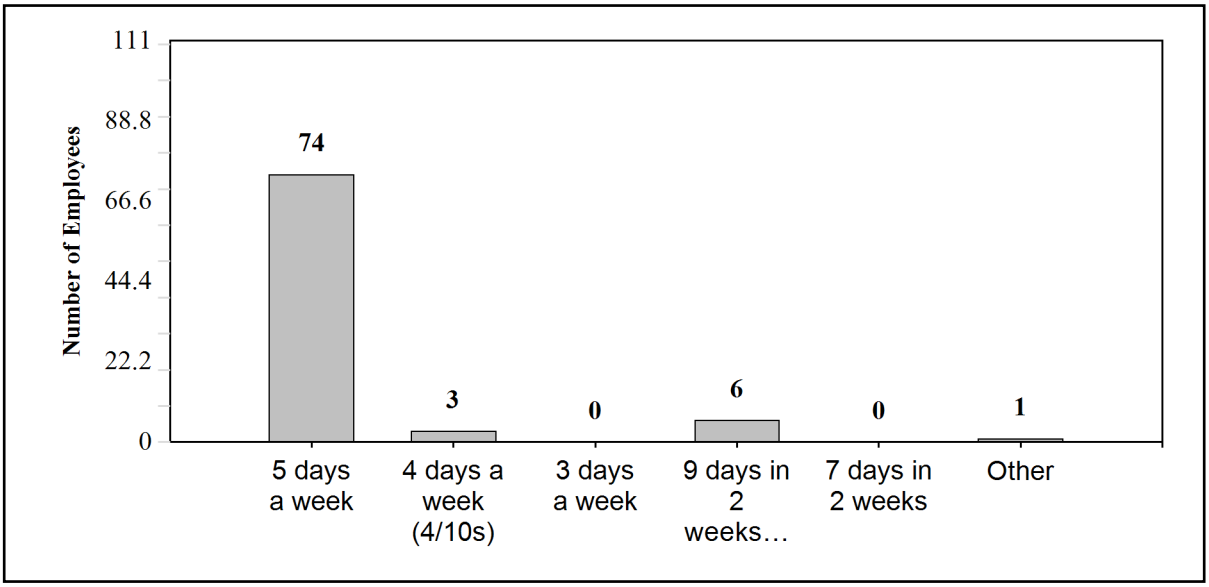
Q.4b If you used a carpool or vanpool as part of your commute, or if you ride a motorcycle, how many people (age 16 or older) are usually in the vehicle?

Ridesharing Occupancy	Mode	Response Count
1	Motorcycle	0
2	Motorcycle	0
2	Carpool	33
3	Carpool	0
4	Carpool	0
5	Carpool	0
>5	Carpool	0
<5	Vanpool	3
5	Vanpool	4
6	Vanpool	7
7	Vanpool	5
8	Vanpool	0
9	Vanpool	0
10	Vanpool	0
11	Vanpool	0
12	Vanpool	0
13	Vanpool	0
14	Vanpool	0
15	Vanpool	0

Reported Work Schedule - All Employees

Q.5 Which of the following best describes your work schedule?

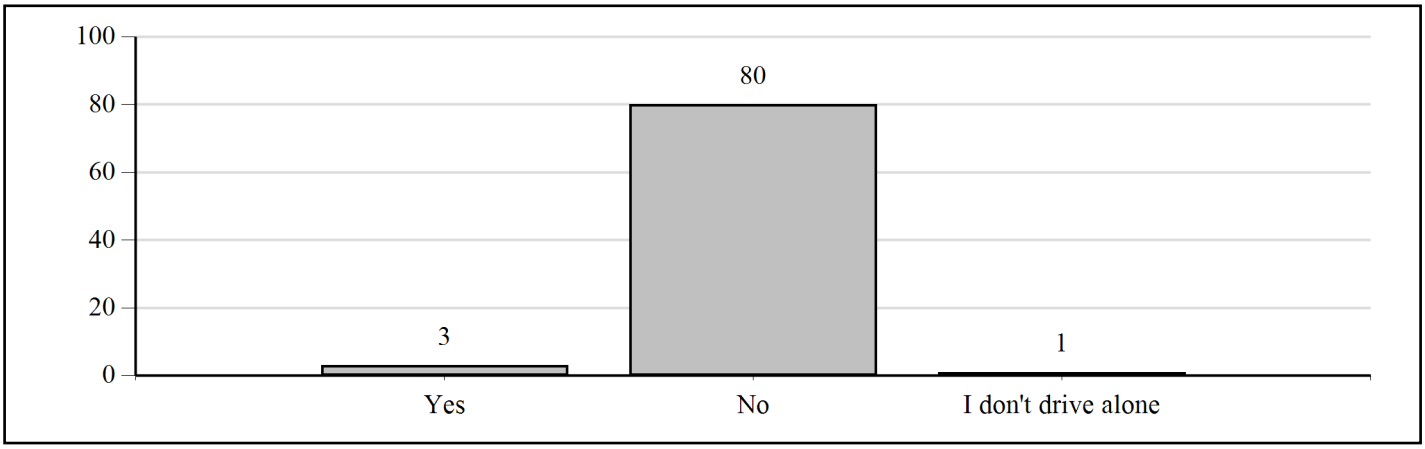
Reported Work Schedule



Reported Work Schedule	# Of Responses	% Of Employees
5 days a week	74	88.1%
4 days a week (4/10s)	3	3.6%
3 days a week	0	0%
9 days in 2 weeks (9/80)	6	7.1%
7 days in 2 weeks	0	0%
Other	1	1.2%

Parking and Telework

Q.9: On the most recent day that you drove alone to work, did you pay to park? (Mark "yes" if you paid that day, if you prepaid, if you are billed later, or if the cost of parking is deducted from your paycheck.)



Q.10: How many days do you typically telework?

Telework Frequency	# of Responses	% of Responses
No Answer/Blank	1	1.2%
I don't telework	59	69.4%
Occasionally, on an as-needed basis	11	12.9%
1-2 days/month	4	4.7%
1 day/week	4	4.7%
2 days/week	6	7.1%
3 days/week	0	0.0%

Reasons for driving alone to work/not driving alone to work

Q11. When you do not drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
Financial incentives for carpooling, bicycling or walking.	28	19.4%
To save money	28	19.4%
Personal health or well-being	17	11.8%
Environmental and community benefits	16	11.1%
Other	15	10.4%
I have the option of teleworking	13	9.0%
Free or subsidized bus, train, vanpool pass or fare benefit	9	6.3%
Driving myself is not an option	6	4.2%
Emergency ride home is provided	4	2.8%
Cost of parking or lack of parking	3	2.1%
To save time using the HOV lane	3	2.1%
I receive a financial incentive for giving up my parking space	1	0.7%
Preferred/reserved carpool/vanpool parking is provided	1	0.7%

Q12. When you drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
I like the convenience of having my car	51	25.1%
Riding the bus or train is inconvenient or takes too long	43	21.2%
Family care or similar obligations	39	19.2%
Other	23	11.3%
My job requires me to use my car for work	19	9.4%
My commute distance is too short	17	8.4%
Bicycling or walking isn't safe	8	3.9%
I need more information on alternative modes	2	1.0%
There isn't any secure or covered bicycle parking	1	0.5%

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Employee Transit Use - All Employees

Q 13. Please indicate the number of one-way transit or walk-on ferry trips you took last week on each system listed below (for any purpose, not just getting to and from work). Please select "Other" if your transit isn't listed.

	Employees Making This Many Transit Trips in a Week									
Trips/Week	Community Transit	Everett Transit	Intercity Transit	King County Metro	Kitsap Transit	Pierce Transit	Sound Transit	Whatcom Transportation Authority	Ferry as Walk-On	Other
1	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0
11 or more	0	0	0	0	0	0	0	0	0	0
# Of Employees using Transit	0	0	0	0	0	0	0	0	0	0
Total One-Way Transit Trips Per Week	0	0	0	0	0	0	0	0	0	0

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Employee Transit Use - Affected Employees

Q 13. Please indicate the number of one-way transit or walk-on ferry trips you took last week on each system listed below (for any purpose, not just getting to and from work). Please select "Other" if your transit isn't listed.

	Employees Making This Many Transit Trips in a Week									
Trips/Week	Community Transit	Everett Transit	Intercity Transit	King County Metro	Kitsap Transit	Pierce Transit	Sound Transit	Whatcom Transportation Authority	Ferry as Walk-On	Other
1	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0
11 or more	0	0	0	0	0	0	0	0	0	0
# Of Employees using Transit	0	0	0	0	0	0	0	0	0	0
Total One-Way Transit Trips Per Week	0	0	0	0	0	0	0	0	0	0

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Commute Mode By ZipCode for All Employees

Q8. What is your home zip code?

			Weekly Count of Trips By Mode												
Home Zip code	**Total Employees**	**Employee Percentage**	**Drive Alone**	**Carpool**	**Vanpool**	**Motorcycle**	**Bus**	**Train**	**Bike**	**Walk**	**Telework**	**CWW**	**Ferry (Car/Van/Bus)**	**Ferry (walk-on)**	**Other**
	2	2.35%	1	4	4	0	0	0	0	0	1	0	0	0	0
98108	1	1.18%	0	0	3	0	0	0	0	0	2	0	0	0	0
98155	1	1.18%	1	0	4	0	0	0	0	0	0	0	0	0	0
98239	1	1.18%	5	0	0	0	0	0	0	0	0	0	0	0	0
98327	2	2.35%	10	0	0	0	0	0	0	0	0	0	0	0	0
98335	2	2.35%	5	0	5	0	0	0	0	0	0	0	0	0	0
98349	1	1.18%	5	0	0	0	0	0	0	0	0	0	0	0	0
98371	1	1.18%	5	0	0	0	0	0	0	0	0	0	0	0	0
98406	1	1.18%	5	0	0	0	0	0	0	0	0	0	0	0	0
98407	3	3.53%	10	0	0	0	0	0	0	0	2	0	0	0	0
98422	1	1.18%	5	0	0	0	0	0	0	0	0	0	0	0	0
98466	2	2.35%	7	0	3	0	0	0	0	0	0	0	0	0	0
98467	1	1.18%	5	0	0	0	0	0	0	0	0	0	0	0	0
98498	1	1.18%	3	0	0	0	0	0	0	0	2	0	0	0	0
98501	13	15.29%	53	10	0	0	0	0	0	0	2	0	0	0	0
98502	11	12.94%	52	0	0	0	0	0	0	0	1	0	0	0	0
98503	4	4.71%	17	3	0	0	0	0	0	0	0	0	0	0	0
98506	8	9.41%	31	0	0	0	0	0	3	0	1	0	0	0	0
98512	7	8.24%	37	0	0	0	0	0	0	0	0	0	0	0	0
98513	4	4.71%	18	1	0	0	0	0	0	0	0	1	0	0	0
98530	1	1.18%	5	0	0	0	0	0	0	0	0	0	0	0	0
98531	6	7.06%	14	9	0	0	0	0	0	0	1	0	0	0	1
98563	1	1.18%	5	0	0	0	0	0	0	0	0	0	0	0	0
98576	1	1.18%	5	0	0	0	0	0	0	0	0	0	0	0	0
98579	3	3.53%	14	1	0	0	0	0	0	0	0	0	0	0	0
98580	1	1.18%	5	0	0	0	0	0	0	0	0	0	0	0	0

98584	1	1.18%	4	0	0	0	0	0	0	0	0	1	0	0	0
98589	3	3.53%	12	0	0	0	0	0	0	0	0	1	0	0	0
98592	1	1.18%	0	5	0	0	0	0	0	0	0	0	0	0	0