

## CTR Employer Survey Report

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

Employer Id : E81844

Employer : Seattle Pacific University

Worksite : Headquarters

Street : 3307 3rd Ave W

Jurisdiction : City of Seattle

Survey Type : Online

Survey Date : 3/25/2013

Response Rate : 53%

### Drive Alone & One-Way VMT Rates at this Worksite

### Employees and Survey Response Information

Drive Alone : 61.7%

Reported Total Employees at Worksite: 788

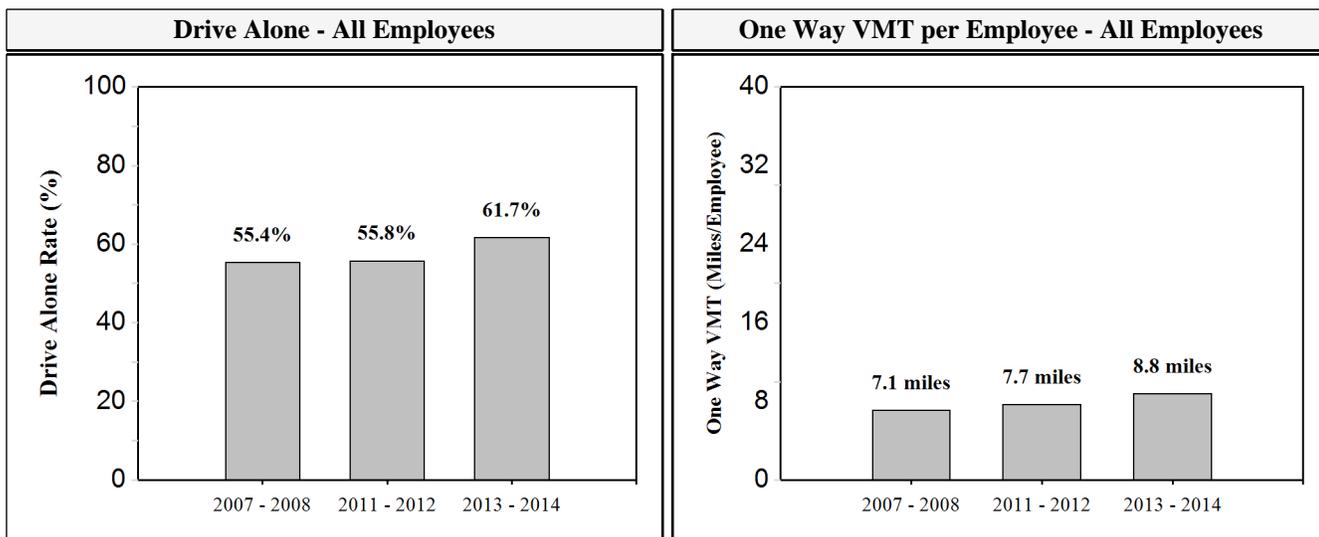
Surveys Distributed : 788

One-Way VMT per employee : 8.8

Surveys Returned : 418

Surveys Returned by CTR Affected Employees : 339

Total Estimated CTR - Affected Employees at Worksite : 639



### Site History and Goal

Cycle	Drive Alone - All	Drive Alone - CTR Affected	VMT / Employee - All	VMT / Employee - CTR Affected
2007 - 2008	55.4%	52.5%	7.1	6.9
2009 - 2010	52.3%	51.1%	7.0	7.1
2011 - 2012	55.8%	52.0%	7.7	7.5
2013 - 2014	61.7%	61.6%	8.8	8.9
2015 - 2016	N/A	N/A	N/A	N/A
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	11.4%	17.3%	23.9%	29.0%

### 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).

	2007 - 2008	2011 - 2012	2013 - 2014	2013 - 2014 Without Fill In
Drive Alone - All Employees*	55.4%	55.8%	61.7%	48.7%
Drive Alone - CTR Affected Employees*	52.5%	52.0%	61.6%	46.3%
VMT/Employee - All Employees	7.1	7.7	8.8	7.3
VMT/Employees - CTR Affected Employees	6.9	7.5	8.9	7.2

\* Drive alone rate includes one person motorcycles.

### GHG Emissions: Total for Drive Alone, Carpools, Vanpools

#### Annual Greenhouse Gas Emissions (Metric Tons CO<sub>2</sub>e) for Roundtrip Commute\*

Value	2007 - 2008	2011 - 2012	2013 - 2014
Emissions for Surveyed Employees	518	661	631
Estimated Emissions for Total Employment	825	907	1,190

\* 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)	2007 - 2008	2011 - 2012	2013 - 2014
Bus Annual Passenger Miles - Estimated for Total Employment	426,102	386,399	809,491
Bus Annual Passenger Miles - Surveyed Employees	267,700	281,500	429,400
Ferry Annual Passenger Miles - Estimated for Total Employment	0	89,908	125,741
Ferry Annual Passenger Miles - Surveyed Employees	0	65,500	66,700
Train/Light Rail/Streetcar Annual Passenger Miles - Estimated for Total Employment	92,320	171,306	351,961
Train/Light Rail/Streetcar Annual Passenger Miles - Surveyed Employees	58,000	124,800	186,700

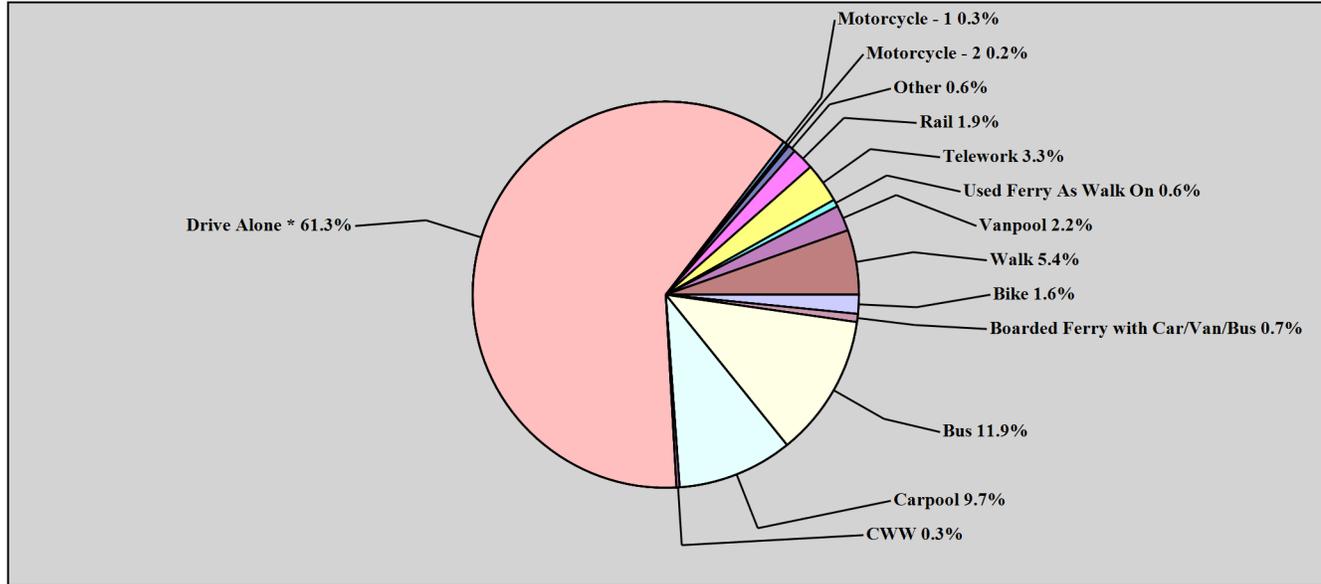
\* Transit passenger miles can be used to gauge changes in transit usage, and also to calculate greenhouse gas emissions from transit commute trips. However, emissions attributable to transit vary widely, depending on the efficiency/energy source of transit vehicles and transit vehicle passenger load (typically ranging from 0.1 to 0.9 pounds CO<sub>2</sub>e 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 CO<sub>2</sub>e emissions for bus transit, and 0.39 pounds (0.00018 metric tons) CO<sub>2</sub>e 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: 12.9 miles**

### 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 Split - All Employees**



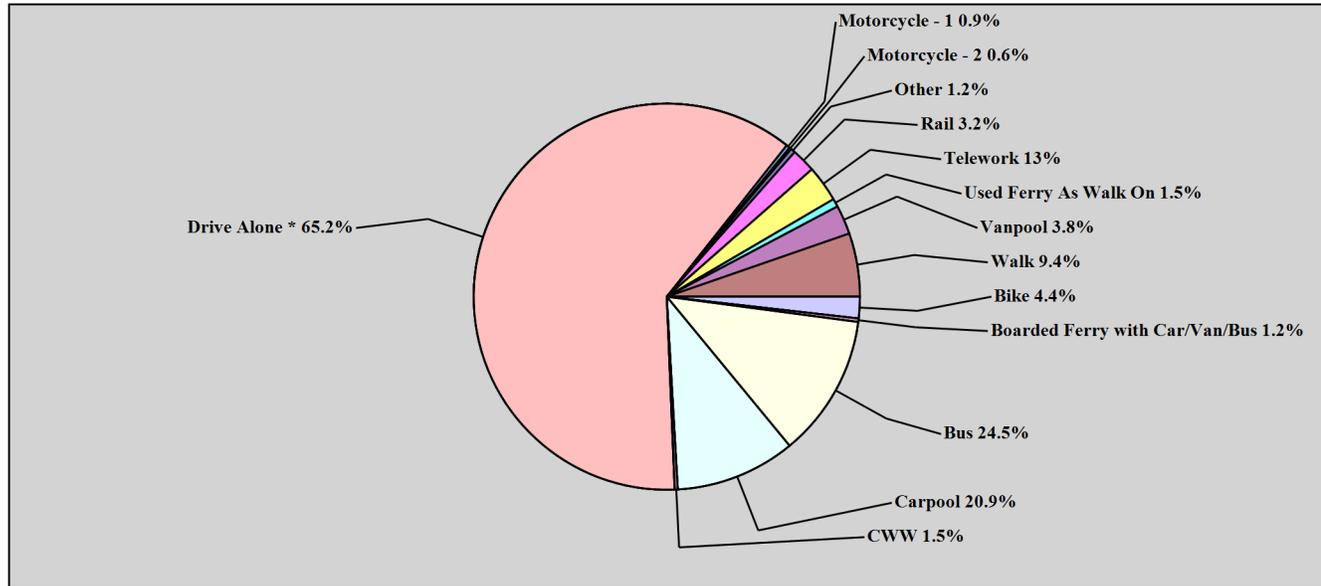
Mode	Trips During This Survey Week	% of Trips During This Survey Week	% of Trips During Previous Survey Week	Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During Previous Survey Week
Drive Alone *	1,620	61.3%	55.5%	277	66.3%	72.4%
Carpool	255	9.7%	11.3%	81	19.4%	18.6%
Vanpool	57	2.2%	1.1%	13	3.1%	1.7%
Motorcycle - 1	9	0.3%	0.3%	4	1.0%	0.5%
Motorcycle - 2	5	0.2%	0.3%	3	0.7%	0.9%
Bus	315	11.9%	14.2%	97	23.2%	19.8%
Rail	49	1.9%	2.0%	12	2.9%	2.4%
Bike	42	1.6%	2.1%	15	3.6%	4.5%
Walk	143	5.4%	6.9%	37	8.9%	8.7%
Telework	88	3.3%	4.3%	52	12.4%	12.5%
CWW	7	0.3%	0.5%	6	1.4%	1.9%
Boarded Ferry with Car/Van/Bus	18	0.7%	0.7%	8	1.9%	0.9%
Used Ferry As Walk On	16	0.6%	0.4%	5	1.2%	0.5%
Other	17	0.6%	0.4%	8	1.9%	1.4%

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

### 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 Split - Affected Employees



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 *	1,433	61.3%	51.7%	221	65.2%	69.8%
Carpool	235	10.1%	12.8%	71	20.9%	21.7%
Vanpool	57	2.4%	1.5%	13	3.8%	2.4%
Motorcycle - 1	7	0.3%	0.4%	3	0.9%	0.7%
Motorcycle - 2	4	0.2%	0.4%	2	0.6%	1.4%
Bus	279	11.9%	14.2%	83	24.5%	20.7%
Rail	47	2.0%	2.8%	11	3.2%	3.4%
Bike	42	1.8%	2.8%	15	4.4%	5.8%
Walk	124	5.3%	6.9%	32	9.4%	8.5%
Telework	71	3.0%	4.4%	44	13.0%	14.2%
CWW	6	0.3%	0.5%	5	1.5%	2.0%
Boarded Ferry with Car/Van/Bus	7	0.3%	0.6%	4	1.2%	0.7%
Used Ferry As Walk On	16	0.7%	0.6%	5	1.5%	0.7%
Other	9	0.4%	0.4%	4	1.2%	1.7%

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

**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	151	36%	418	100%
1 Days	32	8%	267	64%
2 Days	25	6%	235	56%
3 Days	50	12%	210	50%
4 Days	42	10%	160	38%
5 Days	104	25%	118	28%
6 or More Days	14	3%	14	3%

**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	92	28.5%	46	14.2%	54	16.7%	43	13.3%	10	3.1%	12	3.7%	26	8%	2	0.6%	176	54.5%
4 days a week (4/10s)	1	4.3%	13	56.5%	3	13%	1	4.3%	0	0%	0	0%	1	4.3%	0	0%	7	30.4%
3 days a week	1	4.8%	7	33.3%	1	4.8%	2	9.5%	0	0%	0	0%	0	0%	0	0%	7	33.3%
9 days in 2 weeks (9/80)	1	7.1%	5	35.7%	2	14.3%	1	7.1%	0	0%	1	7.1%	1	7.1%	0	0%	6	42.9%
7 days in 2 weeks	0	0%	1	33.3%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	33.3%
Other	2	7.1%	7	25%	2	7.1%	3	10.7%	0	0%	0	0%	3	10.7%	0	0%	9	32.1%

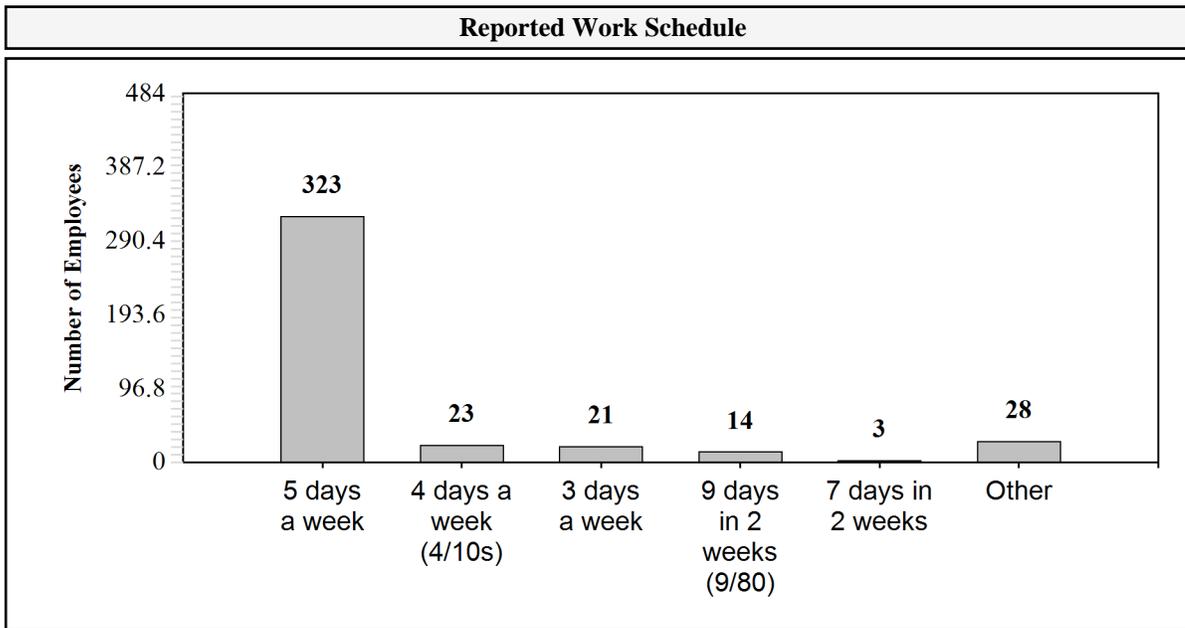
**Count by Occupancy of Carpools, Vanpools, and Motorcycles**

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	10
2	Motorcycle	5
2	Carpool	249
3	Carpool	0
4	Carpool	0
5	Carpool	6
>5	Carpool	0
<5	Vanpool	0
5	Vanpool	21
6	Vanpool	27
7	Vanpool	9
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**

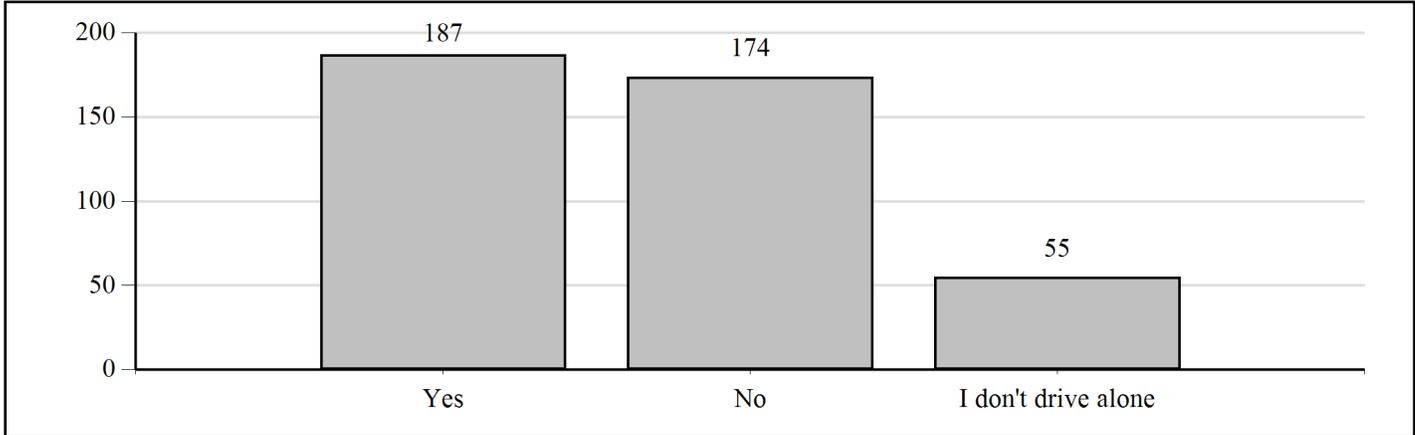
Q.5 Which of the following best describes your work schedule?



Reported Work Schedule	# Of Responses	% Of Employees
5 days a week	323	78.4%
4 days a week (4/10s)	23	5.6%
3 days a week	21	5.1%
9 days in 2 weeks (9/80)	14	3.4%
7 days in 2 weeks	3	0.7%
Other	28	6.8%

### 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	0.2%
I don't telework	216	51.7%
Occasionally, on an as-needed basis	109	26.1%
1-2 days/month	27	6.5%
1 day/week	42	10.0%
2 days/week	16	3.8%
3 days/week	7	1.7%

**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
Free or subsidized bus, train, vanpool pass or fare benefit	201	20.3%
To save money	180	18.1%
Personal health or well-being	123	12.4%
Environmental and community benefits	115	11.6%
I have the option of teleworking	81	8.2%
Financial incentives for carpooling, bicycling or walking.	70	7.1%
Cost of parking or lack of parking	52	5.2%
To save time using the HOV lane	47	4.7%
Other	45	4.5%
Driving myself is not an option	37	3.7%
Preferred/reserved carpool/vanpool parking is provided	19	1.9%
Emergency ride home is provided	15	1.5%
I receive a financial incentive for giving up my parking space	7	0.7%

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

Question Text	# of Responses	% of Responses
Riding the bus or train is inconvenient or takes too long	265	27.5%
I like the convenience of having my car	214	22.2%
Family care or similar obligations	174	18.1%
Other	123	12.8%
My job requires me to use my car for work	82	8.5%
My commute distance is too short	49	5.1%
Bicycling or walking isn't safe	43	4.5%
I need more information on alternative modes	11	1.1%
There isn't any secure or covered bicycle parking	2	0.2%

**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.**

Trips/Week	Employees Making This Many Transit Trips in a 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	2	0	0	18	0	0	9	0	3	0
2	3	0	1	21	0	1	2	0	4	2
3	3	1	1	10	0	1	2	0	0	0
4	2	0	0	20	3	0	3	0	2	1
5	2	0	0	3	0	0	7	0	0	1
6	5	0	0	17	0	0	5	0	1	0
7	0	0	0	4	0	0	0	0	0	0
8	0	0	0	12	1	0	1	0	1	0
9	1	0	0	2	0	0	1	0	0	0
10	2	0	0	15	0	0	2	0	0	1
11 or more	0	0	0	10	0	0	0	0	1	1
# Of Employees using Transit	20	1	2	132	4	2	32	0	12	6
Total One-Way Transit Trips Per Week	94	3	5	732	20	5	133	0	72	38

**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.**

Trips/Week	Employees Making This Many Transit Trips in a 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	2	0	0	13	0	0	8	0	3	0
2	3	0	0	20	0	1	2	0	2	0
3	3	1	1	10	0	1	2	0	0	0
4	1	0	0	15	2	0	3	0	2	1
5	2	0	0	2	0	0	7	0	0	1
6	5	0	0	14	0	0	3	0	1	0
7	0	0	0	4	0	0	0	0	0	0
8	0	0	0	11	1	0	1	0	1	0
9	1	0	0	1	0	0	1	0	0	0
10	2	0	0	15	0	0	2	0	0	1
11 or more	0	0	0	7	0	0	0	0	1	1
# Of Employees using Transit	19	1	1	112	3	2	29	0	10	4
Total One-Way Transit Trips Per Week	90	3	3	619	16	5	120	0	68	34

**Commute Mode By ZipCode for All Employees**

Q8. What is your home zip code?

Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
	1	0.24%	5	0	0	0	0	0	0	0	0	0	0	0	0
98001	1	0.24%	3	0	0	0	0	0	0	0	0	0	0	0	0
98002	1	0.24%	2	0	0	0	0	3	0	0	0	0	0	0	0
98004	5	1.20%	17	0	0	0	5	0	0	0	0	0	0	0	0
98005	3	0.72%	9	0	0	0	5	0	0	0	0	0	0	0	0
98006	2	0.48%	4	0	0	0	0	0	0	0	2	0	0	0	0
98007	1	0.24%	2	0	0	0	3	0	0	0	0	0	0	0	0
98008	2	0.48%	4	0	0	0	5	0	0	0	1	0	0	0	0
98011	3	0.72%	13	0	0	0	1	0	0	0	1	0	0	0	0
98012	5	1.20%	6	0	8	0	1	0	1	0	4	0	0	0	0
98020	7	1.67%	22	2	0	0	0	0	5	0	3	0	0	0	0
98021	1	0.24%	0	0	5	0	0	0	0	0	0	0	0	0	0
98022	1	0.24%	0	0	0	0	0	7	0	0	0	0	0	0	0
98023	2	0.48%	4	0	0	0	0	0	0	0	3	0	0	0	0
98024	1	0.24%	0	0	0	0	5	0	0	0	0	0	0	0	0
98026	9	2.15%	27	2	10	0	1	0	0	0	3	0	0	0	0
98027	2	0.48%	7	1	0	0	1	0	0	1	0	0	0	0	0
98028	5	1.20%	6	5	4	0	4	0	0	0	6	0	0	0	1
98029	1	0.24%	5	0	0	0	0	0	0	0	0	0	0	0	0
98031	3	0.72%	14	0	0	0	0	0	0	0	0	0	0	0	0
98032	1	0.24%	2	0	0	0	0	2	0	0	0	0	0	0	0
98033	3	0.72%	9	1	0	0	3	0	0	0	0	0	0	0	0
98034	3	0.72%	5	6	0	0	3	0	1	0	0	0	0	0	0
98036	6	1.44%	6	5	14	0	0	0	0	0	0	0	0	0	1
98037	5	1.20%	15	0	4	0	3	0	0	0	5	0	0	0	0
98038	3	0.72%	5	0	0	0	5	0	0	0	0	0	0	0	0



98040	2	0.48%	8	0	0	0	0	0	0	0	0	0	0	0	0
98042	3	0.72%	8	3	0	1	1	0	0	0	1	0	0	0	0
98043	11	2.63%	26	15	0	0	11	0	0	0	0	0	0	0	0
98045	1	0.24%	5	0	0	0	0	0	0	0	0	0	0	0	0
98052	3	0.72%	7	3	0	1	2	0	0	0	0	0	0	0	0
98053	4	0.96%	16	0	0	0	0	0	0	0	4	0	0	0	0
98055	2	0.48%	6	3	0	0	0	0	0	0	0	1	0	0	0
98056	2	0.48%	0	10	0	0	0	0	0	0	0	0	0	0	0
98058	3	0.72%	9	3	0	0	0	0	0	0	2	0	0	0	0
98059	2	0.48%	5	5	0	0	0	0	0	0	0	0	0	0	0
98065	1	0.24%	1	0	0	0	3	0	0	0	1	0	0	0	0
98075	2	0.48%	10	0	0	0	0	0	0	0	0	0	0	0	0
98077	1	0.24%	5	0	0	0	0	0	0	0	0	0	0	0	0
98087	5	1.20%	12	5	3	0	3	0	0	0	0	0	0	0	0
98101	1	0.24%	4	0	0	0	0	0	0	0	1	0	0	0	2
98102	1	0.24%	5	0	0	0	0	0	0	0	0	0	0	0	0
98103	23	5.50%	43	14	0	6	11	0	18	7	5	0	0	0	1
98105	7	1.67%	26	0	0	0	7	0	0	0	0	0	0	0	0
98106	5	1.20%	13	0	0	4	1	0	5	0	0	2	0	0	0
98107	10	2.39%	29	6	0	0	7	0	0	0	0	1	0	0	0
98108	3	0.72%	13	0	0	0	0	0	0	0	3	0	0	0	0
98109	12	2.87%	28	9	0	0	4	0	0	22	1	0	0	0	0
98110	3	0.72%	0	0	0	0	0	0	0	0	0	0	6	7	0
98112	2	0.48%	3	0	0	0	2	0	0	0	0	0	0	0	0
98115	22	5.26%	38	18	0	2	37	0	2	0	3	0	0	0	0
98116	3	0.72%	11	4	0	0	0	0	0	0	0	0	0	0	0
98117	19	4.55%	50	10	0	0	23	2	0	0	8	0	2	0	0
98118	4	0.96%	10	0	0	0	0	5	0	0	0	0	0	0	1
98119	42	10.05%	50	30	0	0	15	0	4	110	2	0	0	0	0
98121	2	0.48%	0	2	0	0	5	0	0	0	0	0	0	0	0
98125	4	0.96%	10	4	0	0	6	0	0	0	0	0	0	0	0
98126	2	0.48%	10	0	0	0	0	0	0	0	0	0	0	0	0
98133	22	5.26%	73	8	0	0	18	0	1	0	3	1	0	0	0
98136	2	0.48%	6	3	0	0	0	0	0	0	1	0	0	0	0
98146	1	0.24%	2	3	0	0	0	0	0	0	0	0	0	0	0
98155	13	3.11%	23	17	4	0	21	0	0	0	0	0	0	0	0
98168	1	0.24%	5	0	0	0	0	0	0	0	0	0	0	0	0



98177	17	4.07%	61	4	0	0	9	0	5	0	2	1	0	0	0
98178	3	0.72%	5	10	0	0	0	0	0	0	0	0	0	0	0
98188	1	0.24%	2	2	0	0	0	0	0	0	1	0	0	0	0
98198	3	0.72%	13	3	0	0	0	0	0	0	0	0	1	0	0
98199	32	7.66%	82	20	0	1	34	0	0	1	3	0	0	0	5
98203	4	0.96%	0	1	0	0	13	4	0	0	1	0	0	0	0
98208	2	0.48%	2	0	0	0	9	0	0	0	0	0	0	0	1
98223	1	0.24%	4	0	0	0	0	0	0	0	1	0	0	0	0
98239	1	0.24%	1	0	0	0	0	0	0	2	0	1	0	0	0
98260	1	0.24%	0	0	5	0	0	0	0	0	0	0	0	0	0
98270	2	0.48%	1	4	0	0	4	0	0	0	1	0	0	0	0
98271	1	0.24%	2	0	0	0	3	0	0	0	0	0	0	0	0
98272	2	0.48%	0	4	0	0	4	0	0	0	0	0	0	0	0
98273	1	0.24%	2	0	0	0	0	0	0	0	0	0	0	0	0
98274	1	0.24%	3	0	0	0	0	0	0	0	2	0	0	0	0
98275	2	0.48%	1	0	0	0	9	0	0	0	0	0	0	0	0
98296	1	0.24%	0	4	0	0	0	0	0	0	0	0	0	0	0
98312	1	0.24%	0	0	0	0	0	0	0	0	0	0	1	4	0
98335	1	0.24%	0	0	0	0	0	0	0	0	5	0	0	0	0
98367	1	0.24%	0	0	0	0	0	0	0	0	1	0	0	2	0
98370	2	0.48%	0	0	0	0	0	0	0	0	1	0	7	0	0
98372	2	0.48%	1	0	0	0	0	8	0	0	1	0	0	0	0
98374	1	0.24%	0	0	0	0	0	5	0	0	0	0	0	0	0
98375	1	0.24%	1	0	0	0	0	3	0	0	1	0	0	0	0
98388	1	0.24%	0	0	0	0	0	5	0	0	0	0	0	0	0
98391	1	0.24%	0	0	0	0	0	5	0	0	0	0	0	0	0
98392	1	0.24%	0	0	0	0	0	0	0	0	0	0	0	3	0
98405	1	0.24%	1	0	0	0	0	0	0	0	0	0	0	0	0
98407	1	0.24%	6	0	0	0	0	0	0	0	0	0	1	0	0
98422	1	0.24%	0	5	0	0	0	0	0	0	0	0	0	0	0
98498	3	0.72%	2	1	0	0	5	0	0	0	0	0	0	0	5
98513	1	0.24%	0	0	0	0	3	0	0	0	0	0	0	0	0
98826	1	0.24%	0	0	0	0	0	0	0	0	5	0	0	0	0