

CTR Employer Survey Report

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

Employer Id : E11411

Employer : Thurston County

Worksite : Thurston County

Street : 2000 Lakeridge Dr Sw

Jurisdiction : City of Olympia

Survey Date : 5/29/2015

Survey Type : Online

Response Rate : 82%

Drive Alone & One-Way VMT Rates at this Worksite

Employees and Survey Response Information

Drive Alone : 83.4%

Reported Total Employees at Worksite: 562

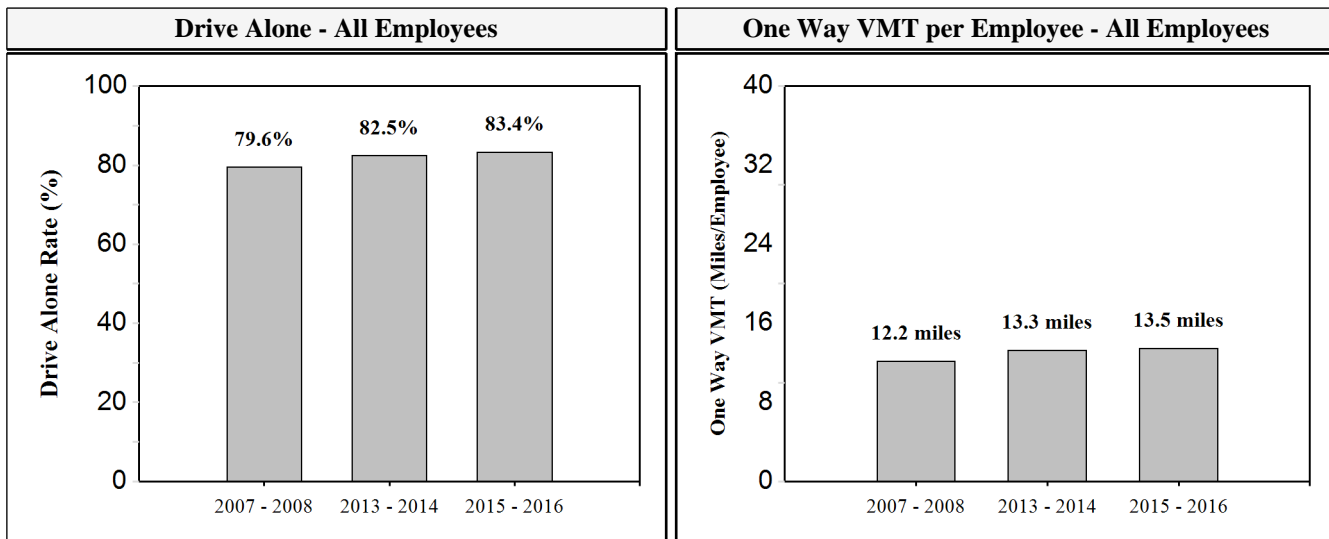
Surveys Distributed : 562

One-Way VMT per employee : 13.5

Surveys Returned : 459

Surveys Returned by CTR Affected Employees : 402

Total Estimated CTR - Affected Employees at Worksite : 492



Site History and Goal

Cycle	Drive Alone - All	Drive Alone - CTR Affected	VMT / Employee - All	VMT / Employee - CTR Affected
2007 - 2008	79.6%	79.4%	12.2	12.3
2009 - 2010	83.3%	83.5%	12.6	12.7
2011 - 2012	82.9%	82.8%	12.9	12.9
2013 - 2014	82.5%	82.1%	13.3	12.8
2015 - 2016	83.4%	84.5%	13.5	13.7
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	4.8%	6.4%	10.7%	11.4%

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	2013 - 2014	2015 - 2016
Drive Alone - All Employees*	79.6%	82.5%	83.4%
Drive Alone - CTR Affected Employees*	79.4%	82.1%	84.5%
VMT/Employee - All Employees	12.2	13.3	13.5
VMT/Employees - CTR Affected Employees	12.3	12.8	13.7

* 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	2007 - 2008	2013 - 2014	2015 - 2016
Emissions for Surveyed Employees	1,920	1,443	1,246
Estimated Emissions for Total Employment	2,871	1,911	1,525

* 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	2013 - 2014	2015 - 2016
Bus Annual Passenger Miles - Estimated for Total Employment	52,933	34,446	88,034
Bus Annual Passenger Miles - Surveyed Employees	35,400	26,000	71,900
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	795	4,285
Train/Light Rail/Streetcar Annual Passenger Miles - Surveyed Employees	0	600	3,500

* 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.

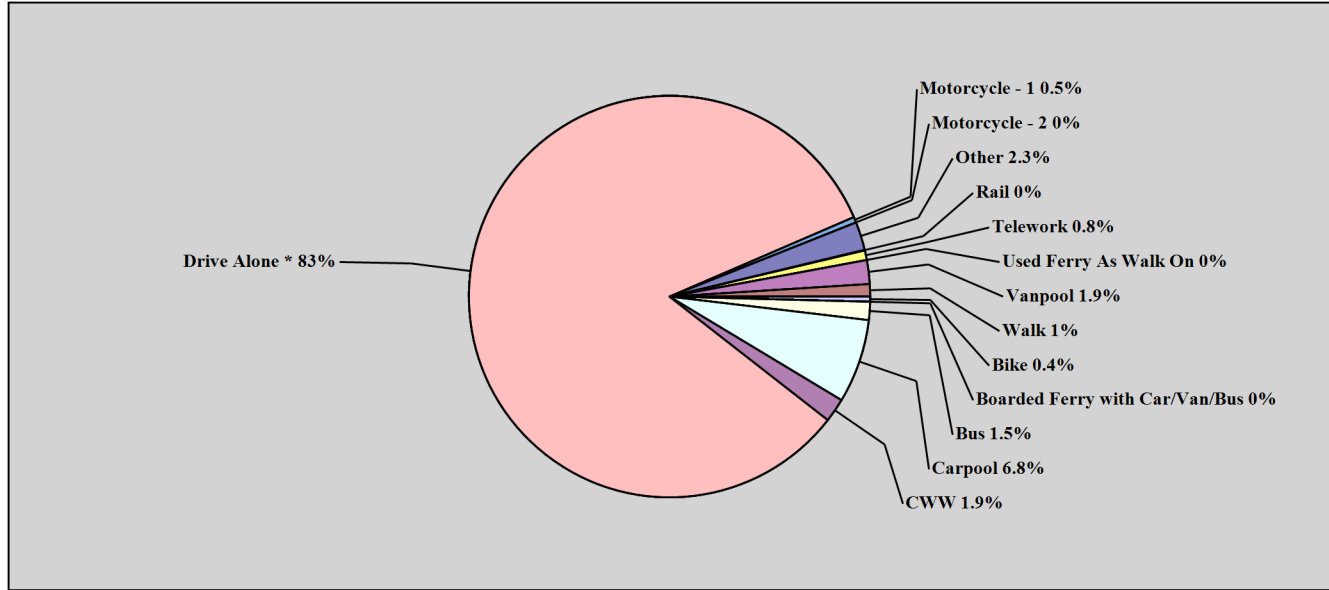
Q3. One way, how many miles do you commute from home to your usual work location?

Average one-way distance home to work: 15.3 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



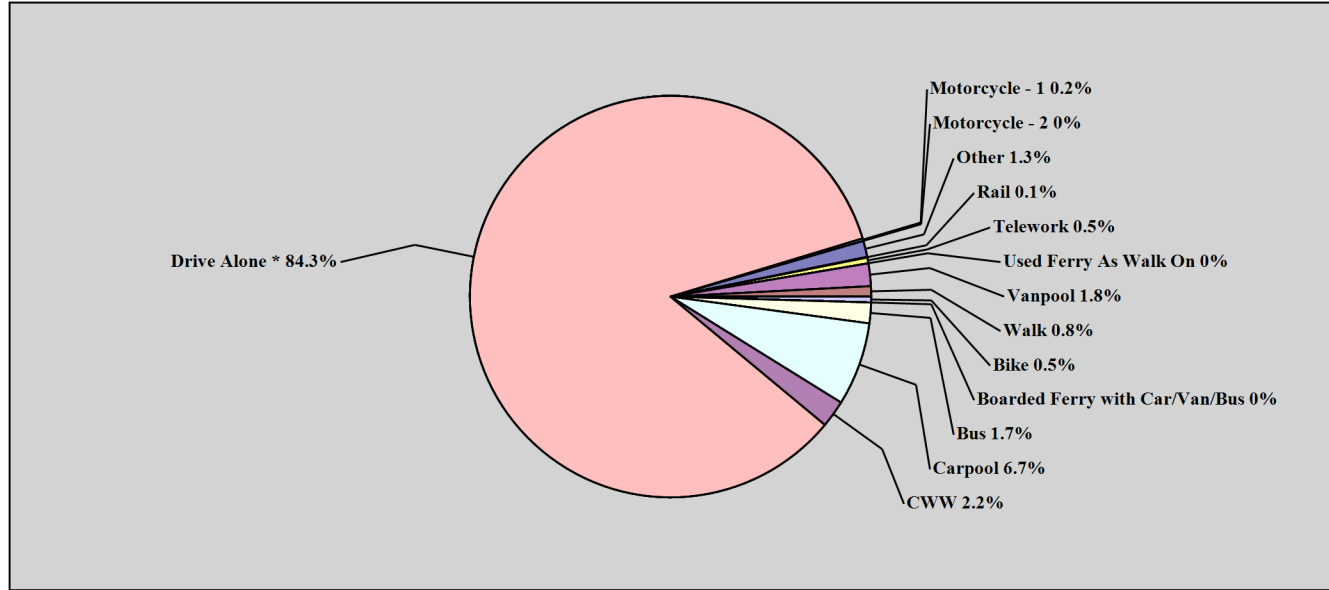
Mode	Trips During This Survey Week	% of Trips During This Survey Week	% of Trips During Previous Survey Week	Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During Previous Survey Week
Drive Alone *	1,819	83.0%	80.8%	397	86.5%	86.7%
Carpool	148	6.8%	7.3%	42	9.2%	10.8%
Vanpool	42	1.9%	1.6%	8	1.7%	1.6%
Motorcycle - 1	10	0.5%	1.8%	3	0.7%	2.2%
Motorcycle - 2	0	0.0%	0.0%	0	0.0%	0.0%
Bus	32	1.5%	0.7%	9	2.0%	1.6%
Rail	1	0.0%	0.1%	1	0.2%	0.2%
Bike	9	0.4%	0.7%	4	0.9%	1.4%
Walk	22	1.0%	0.7%	5	1.1%	0.8%
Telework	17	0.8%	1.6%	9	2.0%	3.5%
CWW	42	1.9%	2.8%	25	5.4%	7.6%
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	50	2.3%	2.1%	13	2.8%	2.3%

* 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 *	1,620	84.3%	80.3%	353	87.8%	86.2%
Carpool	129	6.7%	7.9%	38	9.5%	11.4%
Vanpool	35	1.8%	1.9%	7	1.7%	1.9%
Motorcycle - 1	4	0.2%	1.8%	2	0.5%	2.1%
Motorcycle - 2	0	0.0%	0.0%	0	0.0%	0.0%
Bus	32	1.7%	0.8%	9	2.2%	1.9%
Rail	1	0.1%	0.1%	1	0.2%	0.2%
Bike	9	0.5%	0.8%	4	1.0%	1.6%
Walk	16	0.8%	0.8%	4	1.0%	0.9%
Telework	9	0.5%	1.5%	7	1.7%	3.5%
CWW	42	2.2%	3.1%	25	6.2%	8.6%
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	25	1.3%	1.2%	9	2.2%	1.9%

* 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	350	76%	459	100%
1 Days	29	6%	109	24%
2 Days	13	3%	80	17%
3 Days	14	3%	67	15%
4 Days	13	3%	53	12%
5 Days	30	7%	40	9%
6 or More Days	10	2%	10	2%

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	239	68.5%	42	12%	5	1.4%	22	6.3%	0	0%	8	2.3%	4	1.1%	5	1.4%	47	13.5%
4 days a week (4/10s)	1	2%	42	82.4%	0	0%	3	5.9%	0	0%	0	0%	0	0%	2	3.9%	8	15.7%
3 days a week	0	0%	3	60%	0	0%	1	20%	0	0%	0	0%	0	0%	0	0%	2	40%
9 days in 2 weeks (9/80)	18	40%	10	22.2%	1	2.2%	4	8.9%	0	0%	0	0%	1	2.2%	0	0%	9	20%
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%	3	50%	0	0%	0	0%	0	0%	0	0%	0	0%	1	16.7%	1	16.7%

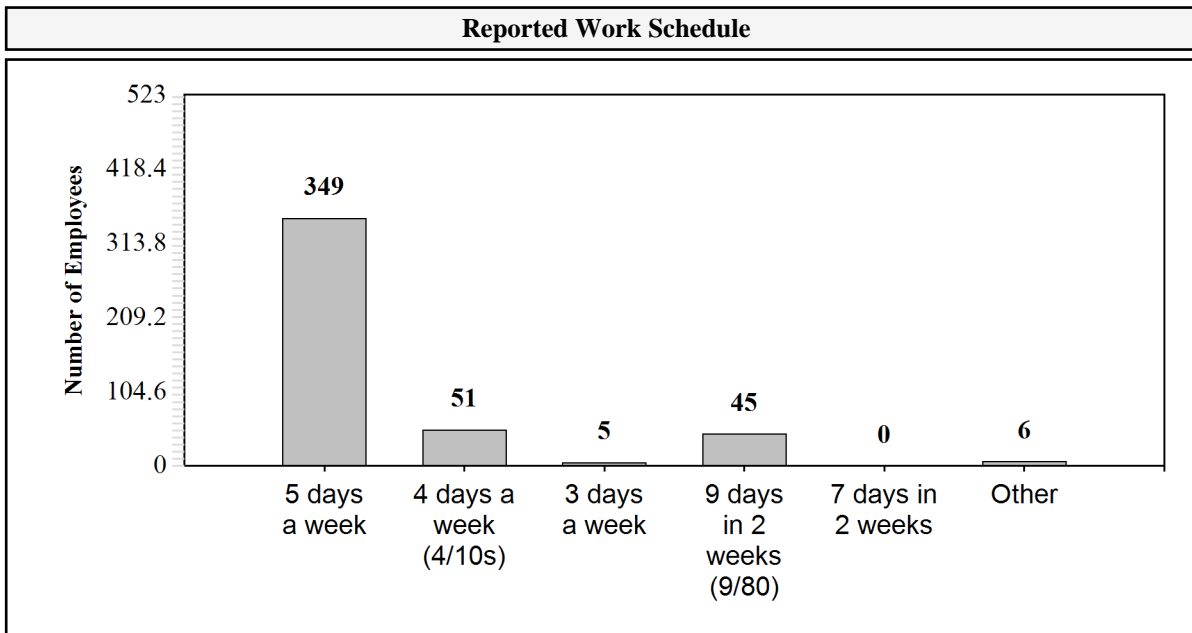
Count by Occupancy of Carpools, Vanpools, and Motorcycles

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	0
2	Carpool	131
3	Carpool	17
4	Carpool	0
5	Carpool	0
>5	Carpool	0
<5	Vanpool	10
5	Vanpool	0
6	Vanpool	22
7	Vanpool	5
8	Vanpool	5
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

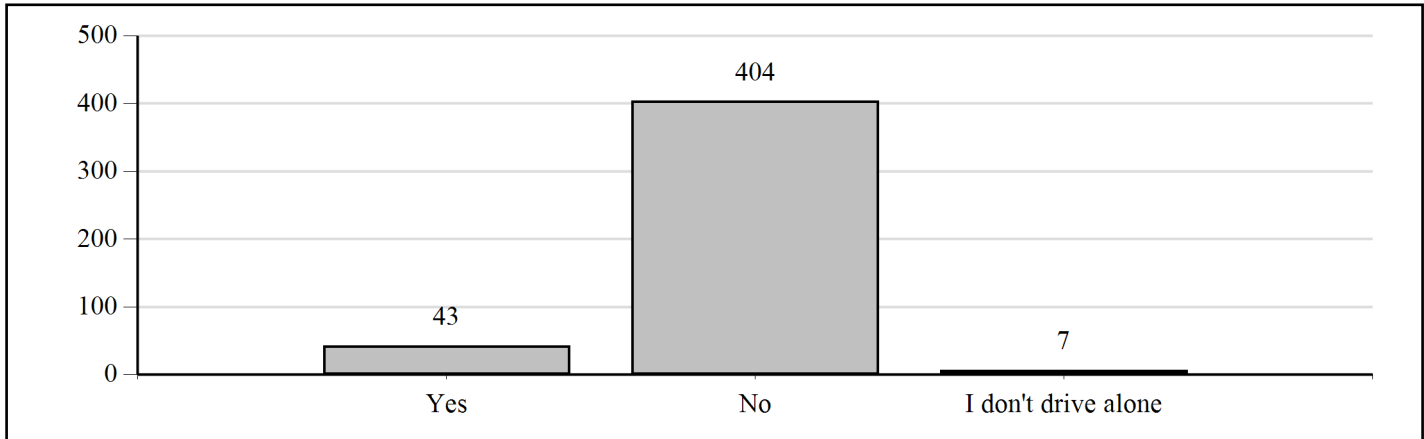
Q.5 Which of the following best describes your work schedule?



Reported Work Schedule	# Of Responses	% Of Employees
5 days a week	349	76.5%
4 days a week (4/10s)	51	11.2%
3 days a week	5	1.1%
9 days in 2 weeks (9/80)	45	9.9%
7 days in 2 weeks	0	0%
Other	6	1.3%

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	403	87.8%
Occasionally, on an as-needed basis	41	8.9%
1-2 days/month	7	1.5%
1 day/week	4	0.9%
2 days/week	1	0.2%
3 days/week	2	0.4%

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
To save money	138	19.7%
Other	109	15.5%
Environmental and community benefits	77	11.0%
Personal health or well-being	74	10.5%
Financial incentives for carpooling, bicycling or walking.	60	8.5%
Driving myself is not an option	54	7.7%
Free or subsidized bus, train, vanpool pass or fare benefit	51	7.3%
I have the option of teleworking	42	6.0%
Emergency ride home is provided	33	4.7%
Cost of parking or lack of parking	24	3.4%
To save time using the HOV lane	16	2.3%
Preferred/reserved carpool/vanpool parking is provided	16	2.3%
I receive a financial incentive for giving up my parking space	8	1.1%

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	277	25.6%
Riding the bus or train is inconvenient or takes too long	253	23.4%
Family care or similar obligations	191	17.7%
Other	136	12.6%
My commute distance is too short	86	8.0%
My job requires me to use my car for work	77	7.1%
Bicycling or walking isn't safe	44	4.1%
I need more information on alternative modes	11	1.0%
There isn't any secure or covered bicycle parking	5	0.5%

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	0	0	6	3	0	1	3	0	2	2
2	0	0	6	0	0	0	1	0	1	1
3	0	0	2	0	0	0	0	0	0	0
4	0	0	0	0	0	1	0	0	0	2
5	2	0	3	0	0	0	0	0	0	1
6	0	0	2	0	0	0	0	0	0	0
7	0	0	1	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	1	0	0	0	0	0	0	0
11 or more	1	0	1	0	0	0	0	0	0	0
# Of Employees using Transit	3	0	22	3	0	2	4	0	3	6
Total One-Way Transit Trips Per Week	24	0	88	3	0	5	5	0	4	17

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	0	0	6	3	0	0	3	0	2	2
2	0	0	5	0	0	0	1	0	1	1
3	0	0	2	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	2
5	2	0	3	0	0	0	0	0	0	1
6	0	0	2	0	0	0	0	0	0	0
7	0	0	1	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	1	0	0	0	0	0	0	0
11 or more	1	0	1	0	0	0	0	0	0	0
# Of Employees using Transit	3	0	21	3	0	0	4	0	3	6
Total One-Way Transit Trips Per Week	24	0	86	3	0	0	5	0	4	17

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	0.22%	0	0	0	0	0	0	0	0	0	0	0	0	0
98001	1	0.22%	1	4	0	0	0	0	0	0	0	0	0	0	0
98023	1	0.22%	5	0	0	0	0	0	0	0	0	0	0	0	0
98052	1	0.22%	0	0	0	0	5	0	0	0	0	0	0	0	0
98106	1	0.22%	5	0	0	0	0	0	0	0	0	0	0	0	0
98136	1	0.22%	1	0	0	0	0	0	0	0	0	0	0	0	0
98327	5	1.09%	27	0	0	0	0	0	0	0	0	0	0	0	0
98338	1	0.22%	5	0	0	0	0	0	0	0	0	0	0	0	0
98359	1	0.22%	0	0	5	0	0	0	0	0	0	0	0	0	0
98360	1	0.22%	4	0	0	0	0	0	0	0	0	0	0	0	0
98374	2	0.44%	9	0	0	0	0	0	0	0	1	0	0	0	0
98375	2	0.44%	4	0	0	0	0	0	0	0	5	0	0	0	0
98387	1	0.22%	5	0	0	0	0	0	0	0	0	0	0	0	0
98406	1	0.22%	1	0	0	0	0	0	0	0	0	0	0	0	4
98407	3	0.65%	14	0	0	0	0	1	0	0	0	0	0	0	0
98408	1	0.22%	4	0	0	0	0	0	0	0	0	1	0	0	0
98418	1	0.22%	5	0	0	0	0	0	0	0	0	0	0	0	0
98444	1	0.22%	5	0	0	0	0	0	0	0	0	0	0	0	0
98445	1	0.22%	5	0	0	0	0	0	0	0	0	0	0	0	0
98446	1	0.22%	4	0	0	0	0	0	0	0	0	0	0	0	0
98466	1	0.22%	4	0	0	0	0	0	0	0	0	1	0	0	0
98498	4	0.87%	18	0	0	0	0	0	0	0	0	1	0	0	0
98499	1	0.22%	0	4	0	0	0	0	0	0	0	0	0	0	0
98501	68	14.81%	313	8	0	0	0	0	2	0	0	1	0	0	5
98502	60	13.07%	234	9	0	2	7	0	7	15	2	7	0	0	4
98503	41	8.93%	172	15	0	0	0	0	0	6	1	2	0	0	5



98506	18	3.92%	69	1	5	0	5	0	0	0	4	0	0	0	0
98507	1	0.22%	5	0	0	0	0	0	0	0	0	0	0	0	0
98512	59	12.85%	240	27	0	0	6	0	0	1	0	7	0	0	0
98513	46	10.02%	196	10	0	8	0	0	0	0	0	8	0	0	8
98516	17	3.70%	74	2	0	0	0	0	0	0	2	1	0	0	0
98520	1	0.22%	0	0	5	0	0	0	0	0	0	0	0	0	0
98524	1	0.22%	4	0	0	0	0	0	0	0	0	0	0	0	0
98528	1	0.22%	0	4	0	0	0	0	0	0	0	0	0	0	0
98531	10	2.18%	26	13	12	0	0	0	0	0	0	0	0	0	0
98532	8	1.74%	21	6	5	0	0	0	0	0	0	1	0	0	4
98538	1	0.22%	5	0	0	0	0	0	0	0	0	0	0	0	0
98541	9	1.96%	37	1	5	0	0	0	0	0	0	0	0	0	0
98546	1	0.22%	5	0	0	0	0	0	0	0	0	0	0	0	0
98550	2	0.44%	9	0	0	0	0	0	0	0	0	0	0	0	0
98557	6	1.31%	10	11	5	0	0	0	0	0	0	0	0	0	0
98563	1	0.22%	4	1	0	0	0	0	0	0	0	0	0	0	0
98565	1	0.22%	4	0	0	0	0	0	0	0	0	0	0	0	0
98572	1	0.22%	5	0	0	0	0	0	0	0	0	0	0	0	0
98576	7	1.53%	22	5	0	0	0	0	0	0	0	0	0	0	4
98579	17	3.70%	47	8	0	0	0	0	0	0	0	8	0	0	14
98580	1	0.22%	1	0	0	0	4	0	0	0	0	0	0	0	0
98584	19	4.14%	79	12	0	0	0	0	0	0	0	0	0	0	0
98589	9	1.96%	36	5	0	0	0	0	0	0	0	0	0	0	1
98592	1	0.22%	5	0	0	0	0	0	0	0	0	0	0	0	0
98596	1	0.22%	5	0	0	0	0	0	0	0	0	0	0	0	0
98597	14	3.05%	55	2	0	0	5	0	0	0	2	0	0	0	1
98611	1	0.22%	0	0	0	0	0	0	0	0	0	4	0	0	0
98626	1	0.22%	5	0	0	0	0	0	0	0	0	0	0	0	0
98755	1	0.22%	5	0	0	0	0	0	0	0	0	0	0	0	0