

CTR Employer Survey Report

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

Employer Id : E11809

Employer : WA State Dept. of Health

Worksite : Israel Road

Street : 290 Israel Rd Se

Jurisdiction : City of Tumwater

Survey Date : 8/30/2015

Survey Type : Online

Response Rate : 47%

Drive Alone & One-Way VMT Rates at this Worksite

Employees and Survey Response Information

Drive Alone : 81.9%

Reported Total Employees at Worksite: 1,395

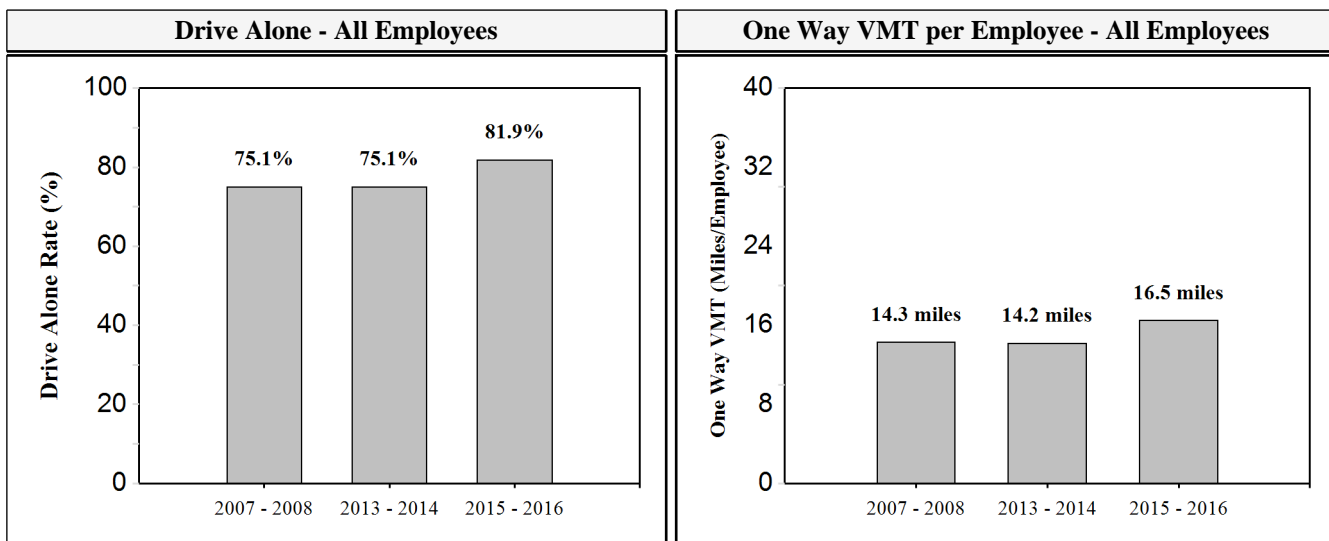
One-Way VMT per employee : 16.5

Surveys Distributed : 1,395

Surveys Returned : 654

Surveys Returned by CTR Affected Employees : 627

Total Estimated CTR - Affected Employees at Worksite : 1,337



Site History and Goal

Cycle	Drive Alone - All	Drive Alone - CTR Affected	VMT / Employee - All	VMT / Employee - CTR Affected
2007 - 2008	75.1%	74.4%	14.3	14.7
2009 - 2010	72.6%	71.4%	13.9	14.1
2011 - 2012	N/A	N/A	N/A	N/A
2013 - 2014	75.1%	74.9%	14.2	14.1
2015 - 2016	81.9%	82.0%	16.5	16.3
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	9.1%	10.2%	15.4%	10.9%

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	2015 - 2016 Without Fill In
Drive Alone - All Employees*	75.1%	75.1%	81.9%	72.4%
Drive Alone - CTR Affected Employees*	74.4%	74.9%	82.0%	72.2%
VMT/Employee - All Employees	14.3	14.2	16.5	15.0
VMT/Employees - CTR Affected Employees	14.7	14.1	16.3	14.9

* Drive alone rate includes one person motorcycles.

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	2,862	2,812	1,939
Estimated Emissions for Total Employment	3,667	3,800	4,137

* 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	127,651	124,166	219,275
Bus Annual Passenger Miles - Surveyed Employees	99,600	91,900	102,800
Ferry Annual Passenger Miles - Estimated for Total Employment	0	0	47,567
Ferry Annual Passenger Miles - Surveyed Employees	0	0	22,300
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.

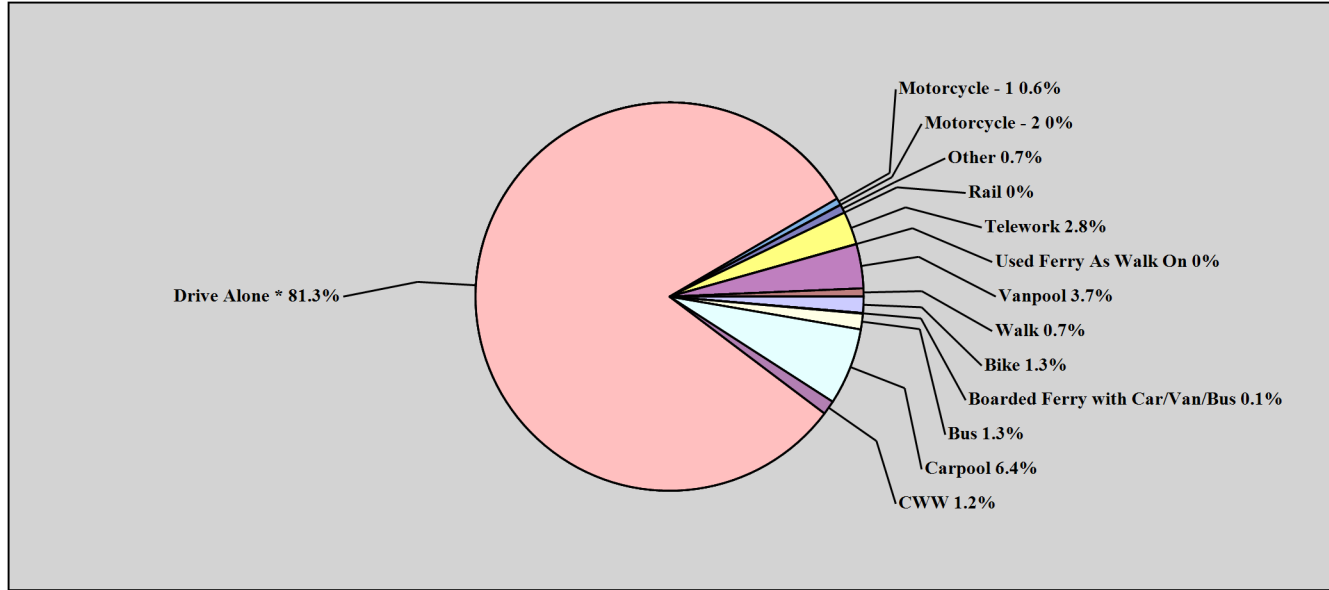
Q3.

One way, how many miles do you commute from home to your usual work location?
Average one-way distance home to work: 19.1 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



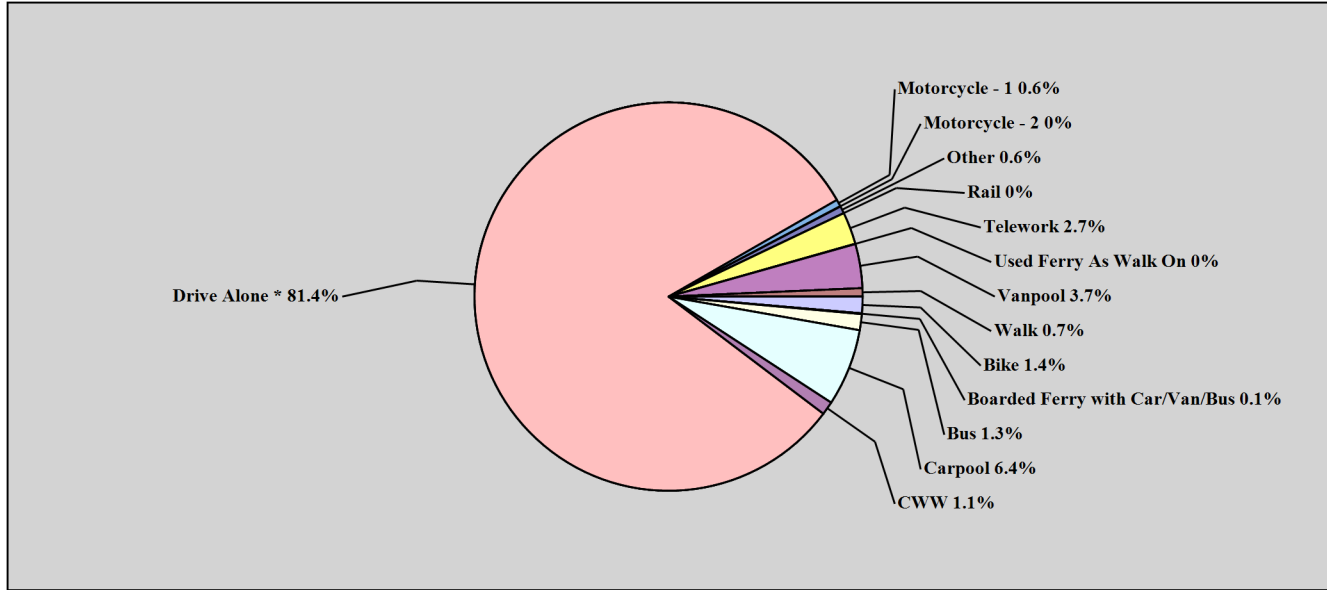
Mode	Trips During This Survey Week	% of Trips During This Survey Week	% of Trips During Previous Survey Week	Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During Previous Survey Week
Drive Alone *	3,811	81.3%	74.7%	536	82.0%	81.4%
Carpool	300	6.4%	11.8%	87	13.3%	15.3%
Vanpool	172	3.7%	4.8%	52	8.0%	5.7%
Motorcycle - 1	27	0.6%	0.4%	7	1.1%	0.7%
Motorcycle - 2	1	0.0%	0.0%	1	0.2%	0.0%
Bus	61	1.3%	2.2%	19	2.9%	3.2%
Rail	0	0.0%	0.0%	0	0.0%	0.0%
Bike	63	1.3%	1.0%	22	3.4%	1.8%
Walk	32	0.7%	0.3%	10	1.5%	0.6%
Telework	129	2.8%	2.7%	79	12.1%	7.8%
CWW	55	1.2%	1.3%	49	7.5%	6.1%
Boarded Ferry with Car/Van/Bus	3	0.1%	0.0%	1	0.2%	0.0%
Used Ferry As Walk On	1	0.0%	0.0%	1	0.2%	0.0%
Other	33	0.7%	0.7%	14	2.1%	1.8%

* 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 *	3,728	81.4%	74.4%	512	81.7%	81.6%
Carpool	294	6.4%	12.0%	84	13.4%	15.7%
Vanpool	168	3.7%	4.9%	50	8.0%	5.9%
Motorcycle - 1	27	0.6%	0.5%	7	1.1%	0.8%
Motorcycle - 2	1	0.0%	0.0%	1	0.2%	0.0%
Bus	61	1.3%	2.1%	19	3.0%	3.2%
Rail	0	0.0%	0.0%	0	0.0%	0.0%
Bike	63	1.4%	1.1%	22	3.5%	1.9%
Walk	32	0.7%	0.3%	10	1.6%	0.7%
Telework	123	2.7%	2.6%	75	12.0%	7.8%
CWW	51	1.1%	1.4%	48	7.7%	6.3%
Boarded Ferry with Car/Van/Bus	3	0.1%	0.0%	1	0.2%	0.0%
Used Ferry As Walk On	1	0.0%	0.0%	1	0.2%	0.0%
Other	28	0.6%	0.7%	13	2.1%	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	380	58%	654	100%
1 Days	77	12%	274	42%
2 Days	42	6%	197	30%
3 Days	21	3%	155	24%
4 Days	51	8%	134	20%
5 Days	77	12%	83	13%
6 or More Days	6	1%	6	1%

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	254	52%	83	17%	10	2%	49	10%	0	0%	33	6.8%	11	2.3%	2	0.4%	121	24.8%
4 days a week (4/10s)	1	2.1%	33	70.2%	0	0%	0	0%	0	0%	1	2.1%	2	4.3%	1	2.1%	8	17%
3 days a week	0	0%	2	40%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	20%
9 days in 2 weeks (9/80)	34	35.8%	27	28.4%	1	1.1%	8	8.4%	0	0%	2	2.1%	4	4.2%	1	1.1%	22	23.2%
7 days in 2 weeks	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
Other	7	38.9%	6	33.3%	0	0%	2	11.1%	0	0%	0	0%	0	0%	1	5.6%	3	16.7%

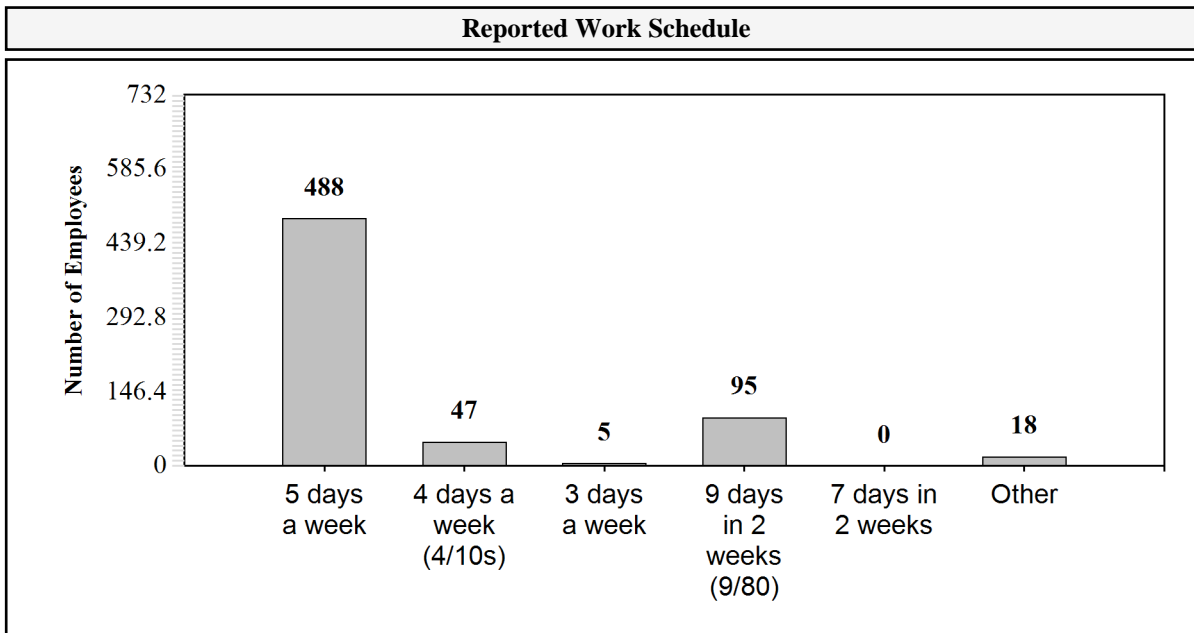
Count by Occupancy of Carpools, Vanpools, and Motorcycles

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	28
2	Motorcycle	0
2	Carpool	272
3	Carpool	19
4	Carpool	0
5	Carpool	0
>5	Carpool	9
<5	Vanpool	22
5	Vanpool	27
6	Vanpool	61
7	Vanpool	24
8	Vanpool	23
9	Vanpool	7
10	Vanpool	6
11	Vanpool	0
12	Vanpool	2
13	Vanpool	0
14	Vanpool	0
15	Vanpool	0

Reported Work Schedule - All Employees

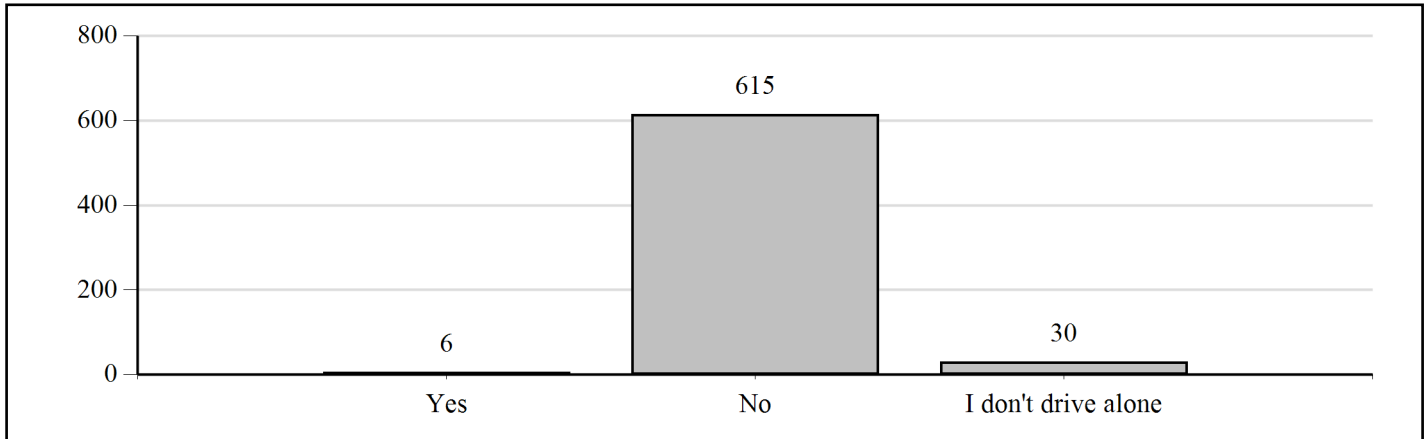
Q.5 Which of the following best describes your work schedule?



Reported Work Schedule	# Of Responses	% Of Employees
5 days a week	488	74.7%
4 days a week (4/10s)	47	7.2%
3 days a week	5	0.8%
9 days in 2 weeks (9/80)	95	14.5%
7 days in 2 weeks	0	0%
Other	18	2.8%

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	4	0.6%
I don't telework	384	58.7%
Occasionally, on an as-needed basis	160	24.5%
1-2 days/month	22	3.4%
1 day/week	48	7.3%
2 days/week	25	3.8%
3 days/week	11	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
To save money	231	17.6%
Financial incentives for carpooling, bicycling or walking.	180	13.8%
Environmental and community benefits	180	13.8%
Personal health or well-being	161	12.3%
I have the option of teleworking	159	12.1%
Free or subsidized bus, train, vanpool pass or fare benefit	109	8.3%
Other	100	7.6%
Driving myself is not an option	65	5.0%
Emergency ride home is provided	43	3.3%
Preferred/reserved carpool/vanpool parking is provided	34	2.6%
To save time using the HOV lane	29	2.2%
Cost of parking or lack of parking	13	1.0%
I receive a financial incentive for giving up my parking space	5	0.4%

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	389	24.7%
Riding the bus or train is inconvenient or takes too long	352	22.4%
Family care or similar obligations	305	19.4%
Other	204	13.0%
My commute distance is too short	150	9.5%
Bicycling or walking isn't safe	104	6.6%
I need more information on alternative modes	37	2.4%
My job requires me to use my car for work	29	1.8%
There isn't any secure or covered bicycle parking	3	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	3	0	9	0	0	2	2	0	3	6
2	0	0	12	3	0	0	1	0	1	1
3	0	0	4	0	0	0	0	0	0	3
4	0	0	10	0	0	1	0	0	0	1
5	1	0	2	0	0	1	0	0	0	1
6	1	0	8	1	0	0	0	0	0	0
7	0	0	2	0	0	0	0	0	0	0
8	1	0	8	1	0	0	0	0	0	1
9	0	0	0	0	0	0	0	0	0	0
10	0	0	2	0	0	0	0	0	0	0
11 or more	0	0	0	0	0	0	0	0	0	0
# Of Employees using Transit	6	0	57	5	0	4	3	0	4	13
Total One-Way Transit Trips Per Week	22	0	241	20	0	11	4	0	5	34

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	3	0	9	0	0	2	2	0	3	5
2	0	0	12	3	0	0	1	0	1	1
3	0	0	4	0	0	0	0	0	0	2
4	0	0	10	0	0	1	0	0	0	1
5	1	0	2	0	0	1	0	0	0	1
6	1	0	8	1	0	0	0	0	0	0
7	0	0	2	0	0	0	0	0	0	0
8	1	0	8	1	0	0	0	0	0	1
9	0	0	0	0	0	0	0	0	0	0
10	0	0	2	0	0	0	0	0	0	0
11 or more	0	0	0	0	0	0	0	0	0	0
# Of Employees using Transit	6	0	57	5	0	4	3	0	4	11
Total One-Way Transit Trips Per Week	22	0	241	20	0	11	4	0	5	30

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	0.15%	0	0	4	0	0	0	0	0	1	0	0	0	0
97008	1	0.15%	1	0	0	0	0	0	0	0	3	1	0	0	0
97123	1	0.15%	1	0	0	0	0	0	0	0	3	0	0	0	1
98001	2	0.31%	5	0	2	0	0	0	0	0	2	0	0	0	0
98002	1	0.15%	0	0	5	0	0	0	0	0	0	0	0	0	0
98003	1	0.15%	0	0	6	0	0	0	0	0	0	0	0	0	0
98022	2	0.31%	3	0	4	1	0	0	0	0	2	0	0	0	0
98023	2	0.31%	7	0	0	0	0	0	0	0	3	0	0	0	0
98027	1	0.15%	0	0	3	0	0	0	0	0	2	0	0	0	0
98034	1	0.15%	2	0	0	0	0	0	0	0	3	0	0	0	0
98038	1	0.15%	5	0	0	0	0	0	0	0	0	0	0	0	0
98043	1	0.15%	2	0	1	0	0	0	0	0	1	0	0	1	0
98052	1	0.15%	0	0	5	0	0	0	0	0	0	0	0	0	0
98057	1	0.15%	2	0	0	0	0	0	0	0	1	4	0	0	0
98070	2	0.31%	0	0	0	0	0	0	0	0	6	0	3	0	0
98102	1	0.15%	3	0	1	0	0	0	0	0	1	0	0	0	0
98103	2	0.31%	6	0	4	0	0	0	0	0	0	0	0	0	0
98105	1	0.15%	1	0	0	0	0	0	0	0	4	0	0	0	0
98107	2	0.31%	0	0	5	0	0	0	0	0	4	0	0	0	1
98109	1	0.15%	0	0	3	0	0	0	0	0	2	0	0	0	0
98115	1	0.15%	0	0	4	0	0	0	0	0	1	0	0	0	0
98117	1	0.15%	0	0	2	0	0	0	0	0	3	0	0	0	0
98121	1	0.15%	0	0	0	0	0	0	0	0	5	0	0	0	0
98122	1	0.15%	4	0	0	0	0	0	0	0	1	0	0	0	0
98126	1	0.15%	0	0	3	0	0	0	0	0	1	0	0	0	0
98133	1	0.15%	2	0	0	0	0	0	0	0	2	0	0	0	0



98144	4	0.61%	5	0	12	0	0	0	0	0	2	1	0	0	0
98146	1	0.15%	3	0	0	0	0	0	0	0	2	0	0	0	0
98166	1	0.15%	1	0	2	0	0	0	0	0	2	0	0	0	0
98310	1	0.15%	5	0	0	0	0	0	0	0	0	0	0	0	0
98311	1	0.15%	2	3	0	0	0	0	0	0	0	0	0	0	0
98327	3	0.46%	14	0	0	0	0	0	0	0	0	0	0	0	0
98329	4	0.61%	11	0	10	0	0	0	0	1	0	0	0	0	0
98332	2	0.31%	0	0	9	0	0	0	0	0	1	0	0	0	0
98335	4	0.61%	1	0	12	0	0	0	0	0	1	0	0	0	0
98338	1	0.15%	0	0	1	0	0	0	0	0	0	0	0	0	3
98367	4	0.61%	5	0	12	0	0	0	0	0	3	0	0	0	0
98371	2	0.31%	12	0	0	0	0	0	0	0	0	0	0	0	0
98373	1	0.15%	4	0	0	0	0	0	0	0	0	0	0	0	0
98374	1	0.15%	0	5	0	0	0	0	0	0	0	0	0	0	0
98375	3	0.46%	3	4	5	0	0	0	0	0	0	0	0	0	0
98387	1	0.15%	1	0	0	0	4	0	0	0	0	0	0	0	0
98388	3	0.46%	14	0	0	0	0	0	0	0	0	0	0	0	0
98390	1	0.15%	0	0	5	0	0	0	0	0	0	0	0	0	0
98391	2	0.31%	4	0	2	0	0	0	0	0	2	0	0	0	0
98402	1	0.15%	5	0	0	0	0	0	0	0	0	0	0	0	0
98403	1	0.15%	3	1	0	0	0	0	0	0	1	0	0	0	0
98404	2	0.31%	5	0	0	0	5	0	0	0	0	0	0	0	0
98405	4	0.61%	15	0	0	0	5	0	0	0	0	0	0	0	0
98406	7	1.07%	19	0	8	0	0	0	0	0	3	4	0	0	0
98407	3	0.46%	8	0	7	0	0	0	0	1	1	0	0	0	0
98408	3	0.46%	5	3	2	0	5	0	0	0	1	0	0	0	0
98419	1	0.15%	4	0	0	0	0	0	0	0	0	1	0	0	0
98424	2	0.31%	8	0	0	0	2	0	0	0	0	0	0	0	0
98433	1	0.15%	5	0	0	0	0	0	0	0	0	0	0	0	0
98443	1	0.15%	5	0	0	0	0	0	0	0	0	0	0	0	0
98444	2	0.31%	10	0	0	0	0	0	0	0	0	0	0	0	0
98445	1	0.15%	0	6	0	0	0	0	0	0	0	0	0	0	0
98466	3	0.46%	11	0	0	0	0	0	1	0	0	0	0	0	0
98467	3	0.46%	11	0	0	0	0	0	0	0	2	0	0	0	0
98498	3	0.46%	10	0	0	0	0	0	0	0	0	0	0	0	0
98499	2	0.31%	6	0	0	0	0	0	0	0	0	0	0	0	0
98501	121	18.50%	435	40	0	9	18	0	26	30	2	6	0	0	7



98502	68	10.40%	263	31	0	0	1	0	12	0	3	3	0	0	1
98503	35	5.35%	142	12	0	0	4	0	2	0	3	2	0	0	0
98506	51	7.80%	159	38	0	0	10	0	12	0	2	8	0	0	6
98507	2	0.31%	5	0	0	0	2	0	0	0	2	0	0	0	0
98508	1	0.15%	5	0	0	0	0	0	0	0	0	0	0	0	0
98511	2	0.31%	10	0	0	0	0	0	0	0	0	0	0	0	0
98512	66	10.09%	265	16	0	0	5	0	8	0	7	4	0	0	5
98513	49	7.49%	195	13	0	7	0	0	1	0	2	5	0	0	0
98516	28	4.28%	109	17	0	0	0	0	0	0	1	4	0	0	2
98520	2	0.31%	6	0	2	0	0	0	0	0	1	0	0	0	0
98528	2	0.31%	5	0	4	0	0	0	0	0	0	0	0	0	0
98530	1	0.15%	5	0	0	0	0	0	0	0	0	0	0	0	0
98531	5	0.76%	13	5	4	0	0	0	0	0	1	1	0	0	0
98532	8	1.22%	24	5	4	0	0	0	0	0	1	2	0	0	0
98537	1	0.15%	4	0	0	0	0	0	0	0	0	0	0	0	0
98540	1	0.15%	5	0	0	0	0	0	0	0	0	0	0	0	0
98541	10	1.53%	17	21	5	0	0	0	0	0	5	0	0	0	0
98548	2	0.31%	9	0	0	0	0	0	0	0	0	0	0	0	0
98550	1	0.15%	4	0	0	0	0	0	0	0	1	0	0	0	0
98557	4	0.61%	11	10	0	0	0	0	0	0	0	0	0	0	0
98558	2	0.31%	8	0	0	0	0	0	0	0	0	0	0	0	0
98563	5	0.76%	2	10	10	0	0	0	0	0	2	0	0	0	0
98566	1	0.15%	5	0	0	0	0	0	0	0	0	0	0	0	0
98569	1	0.15%	3	0	0	0	0	0	0	0	0	0	0	0	0
98570	1	0.15%	5	0	0	0	0	0	0	0	0	0	0	0	0
98576	6	0.92%	30	0	0	0	0	0	0	0	0	0	0	0	0
98579	12	1.83%	32	21	0	0	0	0	0	0	3	3	0	0	0
98580	1	0.15%	4	0	0	0	0	0	0	0	0	0	0	0	0
98584	18	2.75%	67	9	0	2	0	0	0	0	2	2	0	0	0
98589	15	2.29%	46	16	0	9	0	0	0	0	3	1	0	0	0
98591	2	0.31%	8	0	0	0	0	0	0	0	0	1	0	0	0
98592	2	0.31%	3	4	0	0	0	0	0	0	0	1	0	0	0
98596	2	0.31%	5	0	4	0	0	0	0	0	1	0	0	0	0
98597	4	0.61%	12	7	0	0	0	0	0	0	1	0	0	0	0
98604	1	0.15%	0	2	0	0	0	0	0	0	3	0	0	0	0
98626	1	0.15%	5	0	0	0	0	0	0	0	0	0	0	0	0
98660	1	0.15%	2	0	0	0	0	0	0	0	0	1	0	0	0



98663	1	0.15%	2	0	0	0	0	0	0	0	2	0	0	0	0
98674	1	0.15%	2	0	0	0	0	0	0	0	3	0	0	0	0
98831	1	0.15%	0	0	0	0	0	0	0	0	0	0	0	0	5
98926	1	0.15%	4	0	0	0	0	0	0	0	1	0	0	0	0
99208	1	0.15%	0	1	0	0	0	0	1	0	1	0	0	0	0
99223	2	0.31%	4	0	0	0	0	0	0	0	4	0	0	0	2