

CTR Employer Survey Report

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

Employer Id : E11361

Employer : WA State Dept. of Ecology

Worksite : Dept. of Ecology -
Headquarters

Street : 300 Desmond Dr Se

Jurisdiction : City of Lacey

Survey Type : Online

Survey Date : 5/18/2015

Response Rate : 58%

Drive Alone & One-Way VMT Rates at this Worksite

Employees and Survey Response Information

Drive Alone : 74.3%

Reported Total Employees at Worksite: 982

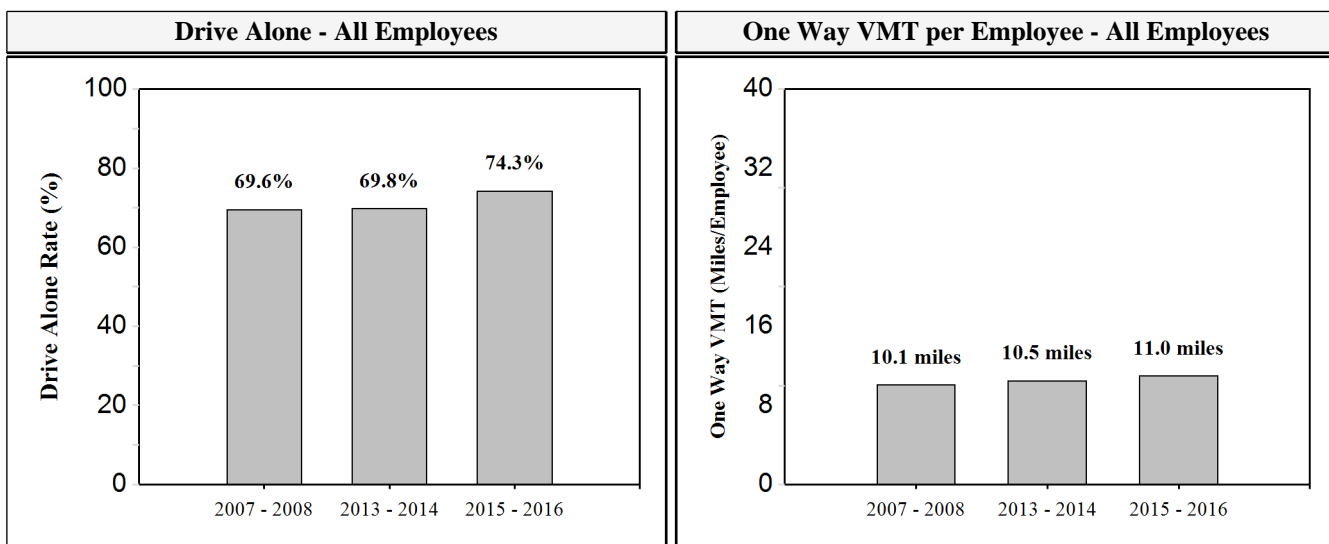
Surveys Distributed : 982

One-Way VMT per employee : 11.0

Surveys Returned : 572

Surveys Returned by CTR Affected Employees : 526

Total Estimated CTR - Affected Employees at Worksite : 903



Site History and Goal

Cycle	Drive Alone - All	Drive Alone - CTR Affected	VMT / Employee - All	VMT / Employee - CTR Affected
2007 - 2008	69.6%	69.5%	10.1	10.2
2009 - 2010	68.8%	68.4%	10.6	10.6
2011 - 2012	68.3%	68.4%	9.8	9.7
2013 - 2014	69.8%	70.0%	10.5	10.3
2015 - 2016	74.3%	74.8%	11.0	11.2
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	6.8%	7.6%	8.9%	9.8%

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*	69.6%	69.8%	74.3%	68.7%
Drive Alone - CTR Affected Employees*	69.5%	70.0%	74.8%	68.8%
VMT/Employee - All Employees	10.1	10.5	11.0	10.4
VMT/Employees - CTR Affected Employees	10.2	10.3	11.2	10.5

* 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	1,519	1,405	1,156
Estimated Emissions for Total Employment	2,187	1,892	1,985

* 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	92,300	42,953	57,341
Bus Annual Passenger Miles - Surveyed Employees	64,100	31,900	33,400
Ferry Annual Passenger Miles - Estimated for Total Employment	0	27,334	0
Ferry Annual Passenger Miles - Surveyed Employees	0	20,300	0
Train/Light Rail/Streetcar Annual Passenger Miles - Estimated for Total Employment	0	0	2,575
Train/Light Rail/Streetcar Annual Passenger Miles - Surveyed Employees	0	0	1,500

* 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.

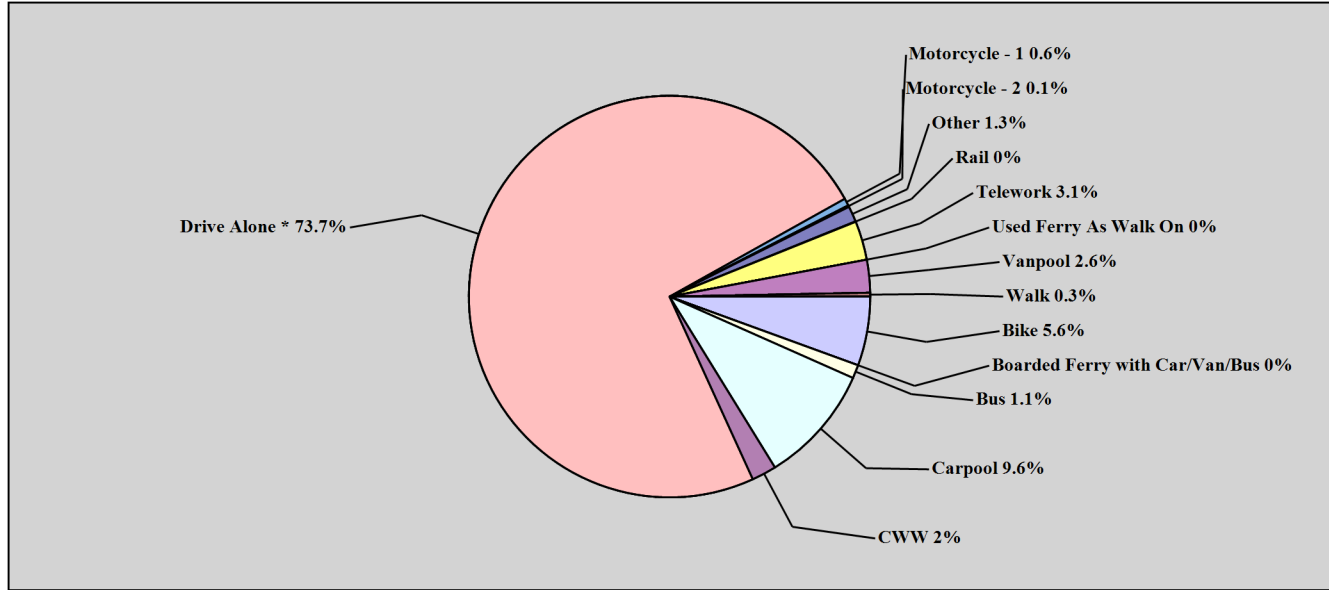
Q3.

One way, how many miles do you commute from home to your usual work location?
Average one-way distance home to work: 13.9 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



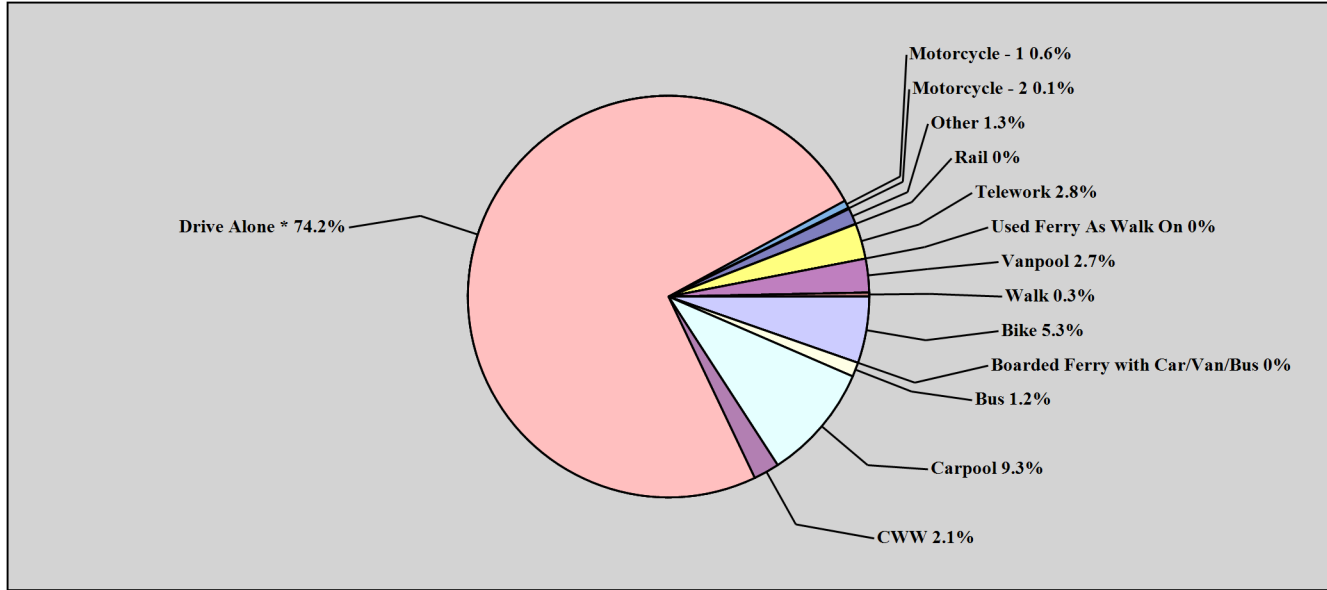
Mode	Trips During This Survey Week	% of Trips During This Survey Week	% of Trips During Previous Survey Week	Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During Previous Survey Week
Drive Alone *	2,375	73.7%	69.3%	463	80.9%	79.8%
Carpool	308	9.6%	12.1%	102	17.8%	18.2%
Vanpool	85	2.6%	2.1%	26	4.5%	2.7%
Motorcycle - 1	19	0.6%	0.5%	6	1.0%	0.9%
Motorcycle - 2	4	0.1%	0.3%	2	0.4%	0.6%
Bus	35	1.1%	1.4%	16	2.8%	2.1%
Rail	1	0.0%	0.0%	1	0.2%	0.0%
Bike	179	5.6%	5.1%	64	11.2%	8.2%
Walk	10	0.3%	0.5%	8	1.4%	1.1%
Telework	101	3.1%	4.1%	80	14.0%	15.4%
CWW	64	2.0%	2.7%	55	9.6%	11.7%
Boarded Ferry with Car/Van/Bus	0	0.0%	0.2%	0	0.0%	0.3%
Used Ferry As Walk On	0	0.0%	0.0%	0	0.0%	0.0%
Other	41	1.3%	1.7%	15	2.6%	3.0%

* 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 *	2,246	74.2%	69.4%	423	80.4%	80.3%
Carpool	283	9.3%	12.5%	92	17.5%	19.0%
Vanpool	82	2.7%	2.2%	25	4.8%	2.7%
Motorcycle - 1	19	0.6%	0.6%	6	1.1%	1.0%
Motorcycle - 2	3	0.1%	0.3%	1	0.2%	0.7%
Bus	35	1.2%	1.3%	16	3.0%	2.0%
Rail	1	0.0%	0.0%	1	0.2%	0.0%
Bike	162	5.3%	5.0%	59	11.2%	8.1%
Walk	10	0.3%	0.5%	8	1.5%	1.0%
Telework	86	2.8%	3.7%	71	13.5%	14.5%
CWW	63	2.1%	2.7%	54	10.3%	11.9%
Boarded Ferry with Car/Van/Bus	0	0.0%	0.2%	0	0.0%	0.3%
Used Ferry As Walk On	0	0.0%	0.0%	0	0.0%	0.0%
Other	39	1.3%	1.7%	14	2.7%	3.0%

* 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	268	47%	572	100%
1 Days	107	19%	304	53%
2 Days	48	8%	197	34%
3 Days	36	6%	149	26%
4 Days	49	9%	113	20%
5 Days	63	11%	64	11%
6 or More Days	1	0%	1	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	168	43.2%	99	25.4%	4	1%	36	9.3%	0	0%	15	3.9%	22	5.7%	4	1%	93	23.9%
4 days a week (4/10s)	0	0%	41	65.1%	0	0%	6	9.5%	0	0%	0	0%	3	4.8%	1	1.6%	16	25.4%
3 days a week	0	0%	5	62.5%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
9 days in 2 weeks (9/80)	18	20.2%	34	38.2%	0	0%	13	14.6%	0	0%	3	3.4%	9	10.1%	1	1.1%	33	37.1%
7 days in 2 weeks	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
Other	3	15.8%	8	42.1%	0	0%	2	10.5%	0	0%	1	5.3%	0	0%	0	0%	5	26.3%

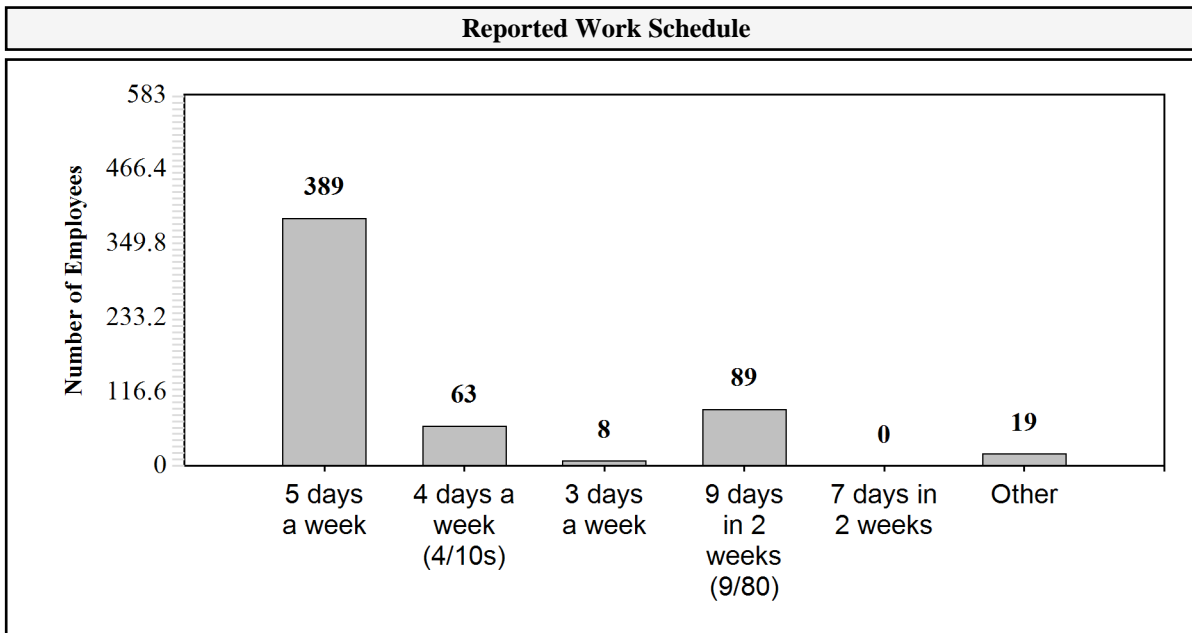
Count by Occupancy of Carpools, Vanpools, and Motorcycles

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	19
2	Motorcycle	4
2	Carpool	292
3	Carpool	10
4	Carpool	5
5	Carpool	1
>5	Carpool	0
<5	Vanpool	19
5	Vanpool	4
6	Vanpool	4
7	Vanpool	3
8	Vanpool	10
9	Vanpool	6
10	Vanpool	20
11	Vanpool	5
12	Vanpool	3
13	Vanpool	4
14	Vanpool	0
15	Vanpool	7

Reported Work Schedule - All Employees

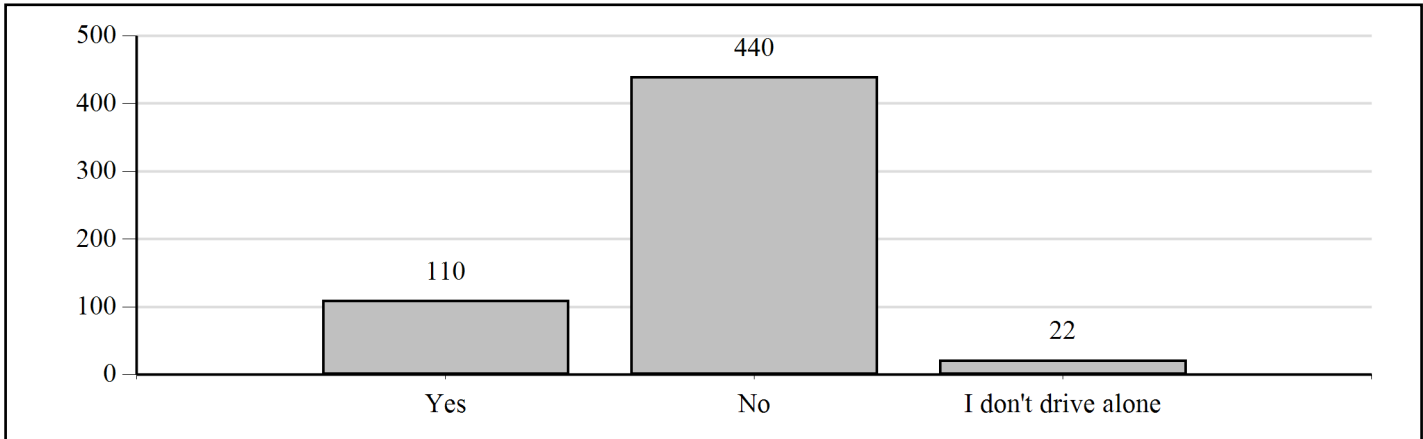
Q.5 Which of the following best describes your work schedule?



Reported Work Schedule	# Of Responses	% Of Employees
5 days a week	389	68.5%
4 days a week (4/10s)	63	11.1%
3 days a week	8	1.4%
9 days in 2 weeks (9/80)	89	15.7%
7 days in 2 weeks	0	0%
Other	19	3.3%

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	0	0.0%
I don't telework	344	60.1%
Occasionally, on an as-needed basis	122	21.3%
1-2 days/month	31	5.4%
1 day/week	67	11.7%
2 days/week	5	0.9%
3 days/week	3	0.5%

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
Environmental and community benefits	231	18.5%
Financial incentives for carpooling, bicycling or walking.	196	15.7%
Personal health or well-being	187	15.0%
To save money	176	14.1%
I have the option of teleworking	121	9.7%
Free or subsidized bus, train, vanpool pass or fare benefit	88	7.1%
Other	84	6.7%
Driving myself is not an option	44	3.5%
Cost of parking or lack of parking	42	3.4%
Preferred/reserved carpool/vanpool parking is provided	31	2.5%
Emergency ride home is provided	25	2.0%
I receive a financial incentive for giving up my parking space	12	1.0%
To save time using the HOV lane	10	0.8%

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	333	24.1%
Riding the bus or train is inconvenient or takes too long	327	23.6%
Family care or similar obligations	267	19.3%
Other	225	16.3%
Bicycling or walking isn't safe	107	7.7%
My commute distance is too short	95	6.9%
My job requires me to use my car for work	19	1.4%
I need more information on alternative modes	7	0.5%
There isn't any secure or covered bicycle parking	4	0.3%

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	1	0	8	1	0	0	1	0	2	0
2	1	0	11	1	0	1	4	0	1	2
3	0	0	2	1	0	1	1	0	0	0
4	1	0	3	0	0	1	0	0	0	3
5	0	0	0	0	0	0	0	0	0	2
6	1	0	1	0	0	0	0	0	0	1
7	0	0	1	0	0	0	0	0	0	0
8	0	0	3	0	0	0	0	0	0	1
9	0	0	1	0	0	0	0	0	0	0
10	0	0	3	0	0	0	0	0	0	0
11 or more	0	0	2	0	0	0	0	0	0	0
# Of Employees using Transit	4	0	35	3	0	3	6	0	3	9
Total One-Way Transit Trips Per Week	13	0	152	6	0	9	12	0	4	40

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	1	0	8	1	0	0	1	0	2	0
2	1	0	11	0	0	1	4	0	1	2
3	0	0	1	1	0	1	1	0	0	0
4	1	0	3	0	0	1	0	0	0	3
5	0	0	0	0	0	0	0	0	0	2
6	1	0	1	0	0	0	0	0	0	1
7	0	0	1	0	0	0	0	0	0	0
8	0	0	3	0	0	0	0	0	0	1
9	0	0	1	0	0	0	0	0	0	0
10	0	0	3	0	0	0	0	0	0	0
11 or more	0	0	1	0	0	0	0	0	0	0
# Of Employees using Transit	4	0	33	2	0	3	6	0	3	9
Total One-Way Transit Trips Per Week	13	0	135	4	0	9	12	0	4	40

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	0.17%	5	0	0	0	0	0	0	0	0	0	0	0	0
03054	1	0.17%	0	4	0	0	0	0	0	0	0	0	0	0	0
98019	1	0.17%	1	0	1	0	0	0	0	0	2	0	0	0	1
98027	2	0.35%	3	0	0	0	0	0	0	0	5	0	0	0	0
98037	1	0.17%	2	0	0	0	0	0	0	0	2	0	0	0	0
98042	1	0.17%	4	0	0	0	0	0	0	0	0	0	0	0	1
98075	1	0.17%	0	0	4	0	0	0	0	0	1	0	0	0	0
98102	1	0.17%	3	0	0	0	0	1	0	0	0	0	0	0	0
98115	1	0.17%	1	0	2	0	0	0	0	0	2	0	0	0	0
98117	1	0.17%	2	0	0	0	0	0	0	0	0	1	0	0	2
98122	1	0.17%	0	1	0	0	2	0	1	0	0	0	0	0	0
98125	2	0.35%	2	2	3	0	0	0	0	0	2	1	0	0	0
98166	1	0.17%	4	0	0	0	0	0	0	0	0	0	0	0	0
98168	1	0.17%	3	0	0	0	0	0	0	0	2	0	0	0	0
98199	1	0.17%	2	0	0	0	0	0	0	0	2	0	0	0	0
98258	1	0.17%	0	1	0	3	0	0	0	0	0	0	0	0	0
98273	1	0.17%	1	0	0	0	0	0	3	0	0	0	0	0	0
98321	1	0.17%	4	0	0	0	0	0	0	0	1	0	0	0	0
98327	1	0.17%	5	0	0	0	0	0	0	0	0	0	0	0	0
98328	2	0.35%	5	1	0	0	0	0	0	0	0	0	0	0	2
98332	2	0.35%	8	0	0	0	0	0	0	0	1	0	0	0	0
98335	1	0.17%	4	1	0	0	0	0	0	0	0	0	0	0	0
98359	1	0.17%	2	0	3	0	0	0	0	0	0	0	0	0	0
98360	1	0.17%	4	0	0	0	0	0	0	0	1	0	0	0	0
98367	3	0.52%	9	0	5	0	0	0	0	0	1	0	0	0	0
98368	1	0.17%	0	0	0	0	0	0	0	0	3	0	0	0	0



98372	1	0.17%	1	0	0	0	0	0	2	0	0	0	0	0	0
98374	3	0.52%	7	2	5	0	0	0	0	0	0	1	0	0	0
98375	1	0.17%	4	0	0	0	0	0	0	0	0	0	0	0	0
98385	1	0.17%	2	1	0	0	0	0	0	0	1	0	0	0	0
98387	2	0.35%	10	0	0	0	0	0	0	0	0	0	0	0	0
98388	2	0.35%	10	0	0	0	0	0	0	0	0	0	0	0	0
98402	3	0.52%	7	3	0	0	0	0	0	0	1	0	0	0	0
98403	2	0.35%	9	0	0	0	0	0	0	0	1	0	0	0	0
98404	3	0.52%	10	2	0	0	2	0	0	0	0	0	0	0	0
98405	2	0.35%	2	0	6	0	0	0	0	0	2	0	0	0	0
98406	10	1.75%	20	5	11	0	0	0	0	0	2	0	0	0	0
98407	4	0.70%	11	0	3	0	0	0	0	0	3	0	0	0	0
98408	3	0.52%	10	0	0	0	0	0	0	0	3	0	0	0	0
98422	3	0.52%	4	0	10	0	0	0	0	0	0	2	0	0	0
98424	1	0.17%	0	5	0	0	0	0	0	0	0	0	0	0	0
98443	1	0.17%	6	0	0	0	0	0	0	0	0	0	0	0	0
98444	4	0.70%	15	0	4	0	0	0	0	0	0	1	0	0	0
98465	1	0.17%	4	0	0	0	0	0	0	0	0	1	0	0	0
98466	3	0.52%	10	0	2	0	0	0	0	0	0	0	0	0	0
98498	3	0.52%	11	1	3	0	0	0	0	0	0	0	0	0	0
98499	1	0.17%	5	0	0	0	0	0	0	0	0	0	0	0	0
98501	108	18.88%	343	57	0	4	13	0	62	2	11	12	0	0	1
98502	58	10.14%	186	24	11	3	0	0	12	1	7	5	0	0	13
98503	64	11.19%	207	20	0	1	7	0	34	3	7	16	0	0	13
98506	68	11.89%	207	16	0	7	11	0	46	3	8	10	0	0	3
98509	1	0.17%	0	2	0	0	0	0	3	0	0	0	0	0	0
98512	55	9.62%	202	36	0	0	0	0	2	0	10	2	0	0	0
98513	37	6.47%	105	52	0	0	0	0	8	1	5	4	0	0	0
98516	33	5.77%	121	16	0	0	0	0	6	0	5	1	0	0	5
98520	1	0.17%	0	5	0	0	0	0	0	0	0	0	0	0	0
98530	1	0.17%	5	0	0	0	0	0	0	0	0	0	0	0	0
98531	4	0.70%	12	3	4	0	0	0	0	0	0	0	0	0	0
98532	2	0.35%	3	0	4	0	0	0	0	0	0	0	0	0	0
98541	2	0.35%	9	0	0	0	0	0	0	0	0	0	0	0	0
98557	1	0.17%	5	0	0	0	0	0	0	0	0	0	0	0	0
98563	1	0.17%	0	0	4	0	0	0	0	0	0	0	0	0	0
98568	1	0.17%	5	0	0	0	0	0	0	0	0	0	0	0	0



98576	6	1.05%	24	7	0	0	0	0	0	0	0	0	0	0	0
98579	13	2.27%	43	8	0	5	0	0	0	0	3	1	0	0	0
98580	1	0.17%	6	0	0	0	0	0	0	0	0	0	0	0	0
98584	15	2.62%	34	21	0	0	0	0	0	0	3	1	0	0	0
98589	9	1.57%	28	10	0	0	0	0	0	0	3	4	0	0	0
98591	1	0.17%	4	0	0	0	0	0	0	0	0	1	0	0	0
98597	4	0.70%	17	2	0	0	0	0	0	0	1	0	0	0	0