

CTR Employer Survey Report

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

Employer Id : E11809

Participation : CTR

Employer : WA State Dept. of Health

Status : Affected

Worksite : Israel Road

Survey Type : Online

Street : 290 Israel Rd Se

Response Rate : 66%

Jurisdiction : City of Tumwater

Survey Date : 7/14/2017

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

Non-Drive Alone Rate : 24.8%

Drive Alone Rate : 75.2%

One-Way VMT per employee : 14.5

Average One-Way distance home to work : 18.3

Employees and Survey Response Information

Reported Total Employees at Worksite: 1,511

Surveys Distributed : 1,511

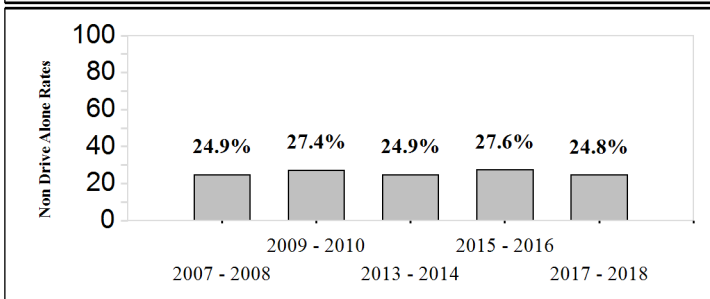
Surveys Returned : 1,004

Surveys Returned by CTR Affected* Employees : 969

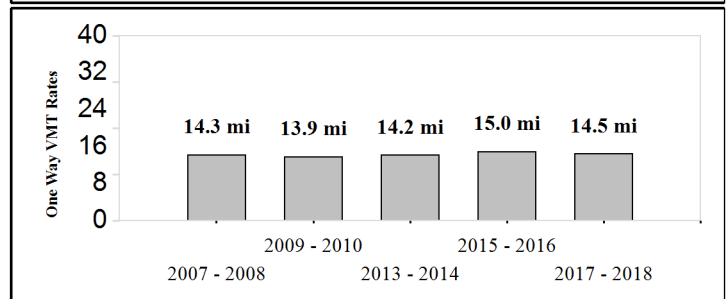
Total Estimated CTR Affected Employees at Worksite : 1,458

*CTR Affected employees filled out the survey as being full-time and commuting (typically) to work at least twice between 6a and 9a, Monday through Friday.

Non Drive Alone Rates - ALL Employees



One Way VMT per Employee - ALL Employees



Site History and Targets

Annual Metric Tons CO₂e Pounds CO₂e

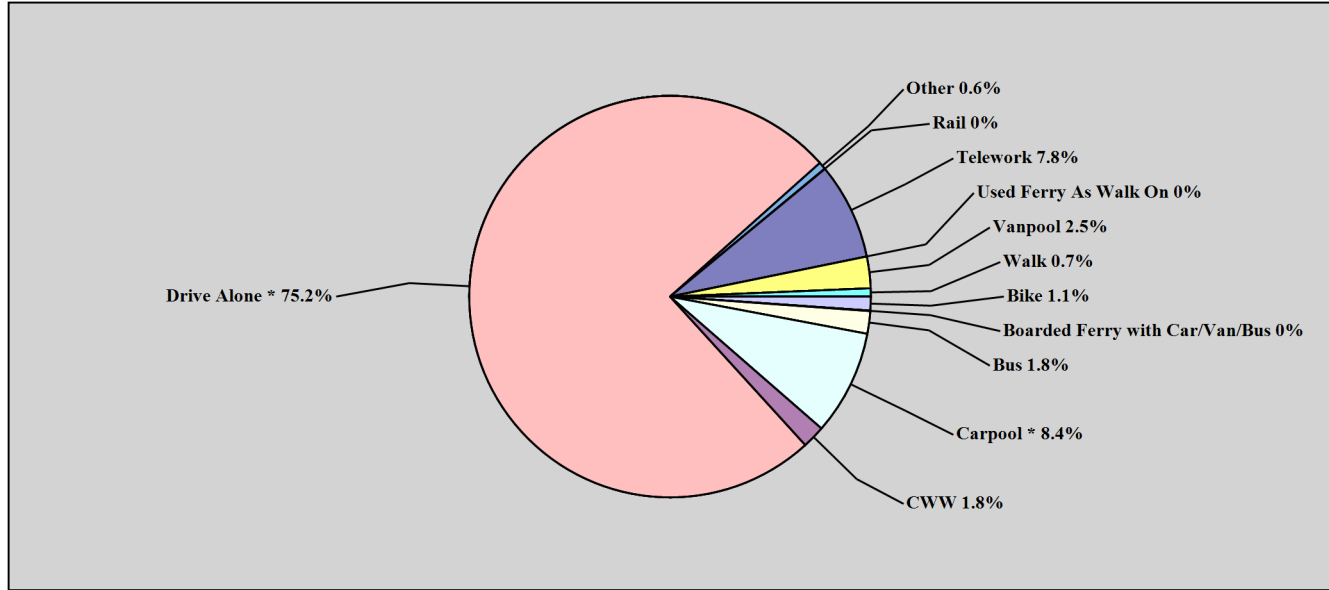
Cycle	Non Drive Alone Rate - All	Non Drive Alone Rate - CTR Affected	Emissions for Surveyed Employees	Estimated Emissions for Total Employment	GHG per Employee's Roundtrip	VMT per Employee - All	VMT per Employee - CTR Affected
2007 - 2008	24.9%	25.6%	2862	3667	21.4	14.3	14.7
2009 - 2010	27.4%	28.6%	2726	3594	21.0	13.9	14.1
2011 - 2012	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2013 - 2014	24.9%	25.1%	2812	3800	22.2	14.2	14.1
2015 - 2016	27.6%	27.8%	1939	4137	24.1	15.0	14.9
2017 - 2018	24.8%	24.6%	3013	4534	26.5	14.5	14.5
Target	30.9%				Target:	11.7	
% Point Change Target:	6.0				% Change Target:	-18.0%	
% Point Change from Baseline:	-0.1				% Change from Baseline:	1.4%	

GHG calculations are based on VMT and estimated total round-trip commutes for all employees. Modes that contribute to GHG include driving alone, carpooling, vanpooling, and riding a motorcycle. The use of other modes (e.g., transit, rail, walking, ferry) do not increase a worksite's GHG calculation. For more information about how GHG is calculated, please contact your jurisdiction's representative.

Commute Trips By Mode - All Employees

Q.4: 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



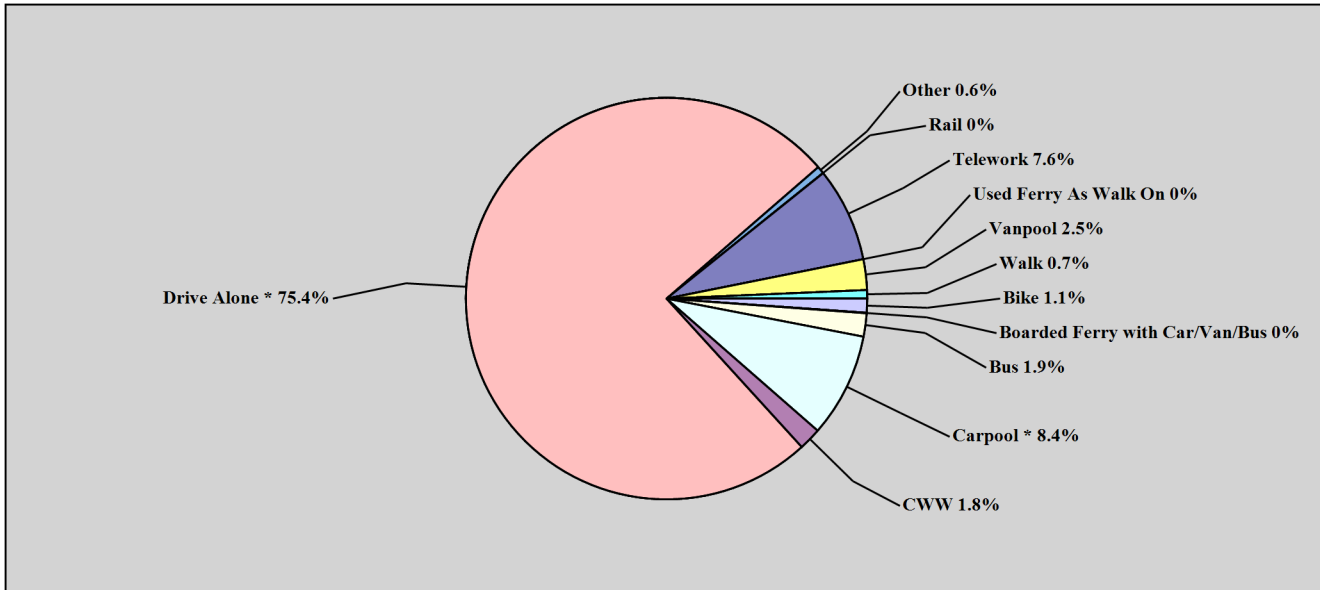
Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	3,519	75.2%	72.4%	875	87.2%	83.0%
Carpool *	395	8.4%	9.8%	127	12.7%	13.5%
Vanpool	119	2.5%	5.6%	38	3.8%	8.0%
Bus	85	1.8%	2.0%	28	2.8%	2.9%
Rail	1	0.0%	0.0%	1	0.1%	0.0%
Bike	52	1.1%	2.0%	24	2.4%	3.4%
Walk	31	0.7%	1.0%	10	1.0%	1.5%
Telework	364	7.8%	4.2%	223	22.2%	12.1%
CWW	86	1.8%	1.8%	78	7.8%	7.5%
Boarded Ferry with Car/Van/Bus	2	0.0%	0.1%	1	0.1%	0.2%
Used Ferry As Walk On	0	0.0%	0.0%	0	0.0%	0.2%
Other	28	0.6%	1.1%	16	1.6%	2.1%

* Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

Commute Trips By Mode - Affected Employees

Q.4: 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 - CTR Affected Employees



Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	3,424	75.4%	72.2%	847	87.4%	82.8%
Carpool *	381	8.4%	9.9%	124	12.8%	13.6%
Vanpool	112	2.5%	5.7%	37	3.8%	8.0%
Bus	85	1.9%	2.1%	28	2.9%	3.0%
Rail	1	0.0%	0.0%	1	0.1%	0.0%
Bike	51	1.1%	2.1%	23	2.4%	3.5%
Walk	31	0.7%	1.1%	10	1.0%	1.6%
Telework	345	7.6%	4.1%	214	22.1%	12.0%
CWW	82	1.8%	1.7%	77	7.9%	7.7%
Boarded Ferry with Car/Van/Bus	2	0.0%	0.1%	1	0.1%	0.2%
Used Ferry As Walk On	0	0.0%	0.0%	0	0.0%	0.2%
Other	27	0.6%	0.9%	15	1.5%	2.1%

* Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

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	581	58%	1,004	100%
1 Days	144	14%	423	42%
2 Days	79	8%	279	28%
3 Days	45	4%	200	20%
4 Days	59	6%	155	15%
5 Days	90	9%	96	10%
6 or More Days	6	1%	6	1%

Count by Occupancy of Carpools and Vanpools

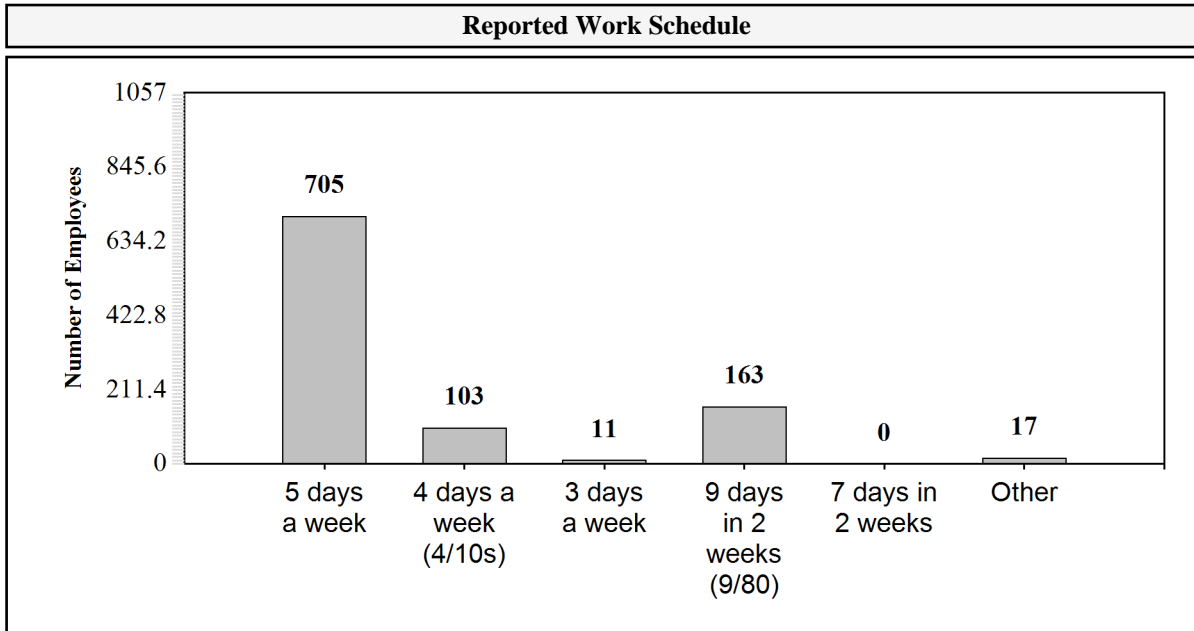
Q.4 If you used a carpool or vanpool as part of your commute, how many people (age 16 or older) are usually in the vehicle?

Ridesharing Occupancy	Mode	Response Count
2*	Carpool	351
3	Carpool	33
4	Carpool	7
5	Carpool	4
>5	Carpool	0
<5	Vanpool	29
5	Vanpool	39
6	Vanpool	19
7	Vanpool	13
8	Vanpool	10
9	Vanpool	7
10	Vanpool	2
11	Vanpool	0
12	Vanpool	0
13	Vanpool	0
14	Vanpool	0
>14	Vanpool	0

* Motorcycle-2 counted with Carpool-2 for this table.

Reported Work Schedule - All Employees

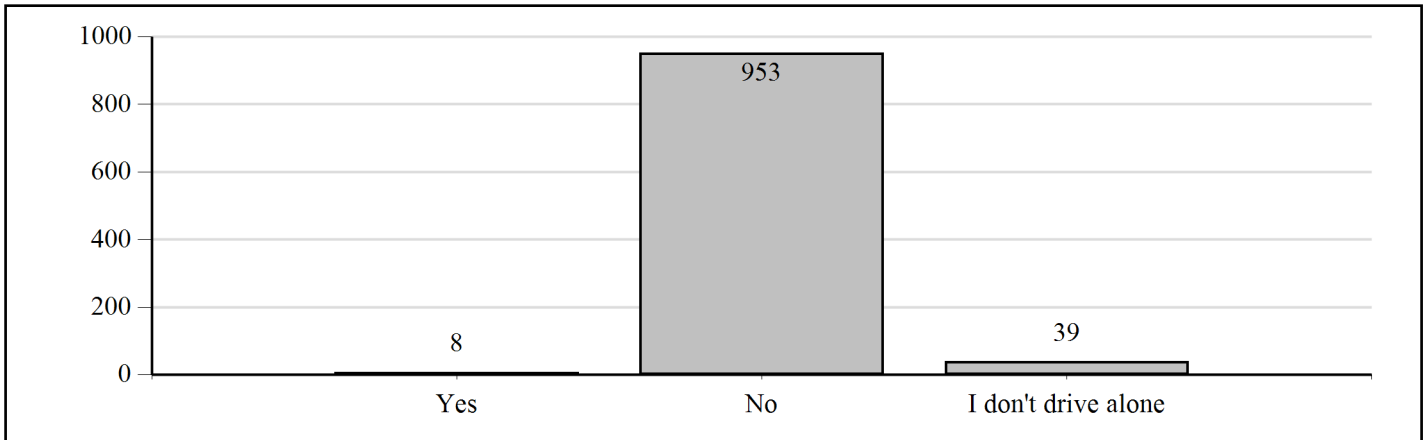
Q.8 Which of the following best describes your work schedule?



Reported Work Schedule	# Of Responses	% Of Employees
5 days a week	705	70.6%
4 days a week (4/10s)	103	10.3%
3 days a week	11	1.1%
9 days in 2 weeks (9/80)	163	16.3%
7 days in 2 weeks	0	0%
Other	17	1.7%

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	3	0.3%
I don't telework	491	48.9%
Occasionally, on an as-needed basis	229	22.8%
1-2 days/month	43	4.3%
1 day/week	128	12.7%
2 days/week	73	7.3%
3 days/week	37	3.7%

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
I have the option of teleworking	337	17.8%
To save money	285	15.1%
Environmental and community benefits	261	13.8%
Personal health or well-being	221	11.7%
Financial incentives for carpooling, bicycling or walking.	205	10.9%
Other	176	9.3%
Free or subsidized bus, train, vanpool pass or fare benefit	127	6.7%
Driving myself is not an option	77	4.1%
Preferred/reserved carpool/vanpool parking is provided	52	2.8%
To save time using the HOV lane	50	2.6%
Emergency ride home is provided	49	2.6%
Cost of parking or lack of parking	41	2.2%
I receive a financial incentive for giving up my parking space	7	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	631	25.8%
Riding the bus or train is inconvenient or takes too long	545	22.3%
Family care or similar obligations	437	17.9%
Other	289	11.8%
My commute distance is too short	277	11.3%
Bicycling or walking isn't safe	156	6.4%
My job requires me to use my car for work	54	2.2%
I need more information on alternative modes	48	2.0%
There isn't any secure or covered bicycle parking	5	0.2%

Commute Mode By ZipCode for All Employees

Q6. 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
98501	175	17.43%	665	31	0	5	20	0	14	25	46	11	2	0	5
98512	133	13.25%	507	44	0	1	15	0	15	0	32	15	0	0	2
98502	117	11.65%	452	34	1	1	22	0	13	1	21	10	0	0	0
98506	83	8.27%	299	36	0	1	9	0	9	0	13	7	0	0	10
98513	68	6.77%	279	32	0	4	0	0	1	0	3	9	0	0	0
98503	58	5.78%	220	36	0	0	5	0	0	0	15	2	0	0	3
98584	29	2.89%	114	14	0	0	0	0	0	0	6	2	0	0	0
98516	27	2.69%	109	5	0	0	0	0	0	0	10	1	0	0	0
98579	21	2.09%	65	29	0	0	6	0	0	0	2	2	0	0	0
98597	19	1.89%	60	23	0	0	0	0	0	0	4	1	0	0	0
98589	17	1.69%	53	1	0	12	0	0	0	0	12	3	0	0	4
98532	15	1.49%	53	1	2	0	0	0	0	0	6	1	0	0	0
98531	12	1.20%	31	17	0	0	0	0	0	0	2	0	0	0	0
98498	11	1.10%	42	0	0	0	0	0	0	0	5	1	0	0	0
98557	11	1.10%	42	5	0	0	0	0	0	0	1	1	0	0	0
98541	9	0.90%	16	18	0	0	0	0	0	0	5	0	0	0	0
98406	8	0.80%	20	0	4	0	0	0	0	0	8	2	0	0	0
98405	7	0.70%	14	6	8	0	0	0	0	0	7	0	0	0	0
98563	7	0.70%	8	11	10	0	0	0	0	2	4	0	0	0	0
98387	6	0.60%	25	0	0	0	4	0	0	0	0	1	0	0	0
98327	5	0.50%	20	0	0	0	0	0	0	0	5	0	0	0	0
98367	5	0.50%	13	2	7	0	0	0	0	0	2	0	0	0	0
98374	5	0.50%	14	6	0	0	0	0	0	0	0	0	0	0	0
98466	5	0.50%	20	0	0	0	0	0	0	0	4	1	0	0	0
98576	5	0.50%	20	0	0	0	0	0	0	0	1	1	0	0	1
98092	4	0.40%	13	2	0	0	0	0	0	0	5	0	0	0	0



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
98328	4	0.40%	17	0	0	0	0	0	0	0	0	0	0	0	0
98335	4	0.40%	2	3	13	0	1	0	0	0	2	1	0	0	0
98388	4	0.40%	13	0	0	0	0	0	0	0	2	0	0	0	0
98444	4	0.40%	13	0	0	0	0	0	0	0	3	0	0	0	2
98001	3	0.30%	9	0	2	0	0	0	0	0	2	0	0	0	0
98022	3	0.30%	6	0	5	0	0	0	0	0	0	0	0	0	0
98023	3	0.30%	6	0	0	0	0	0	0	0	7	0	0	0	0
98103	3	0.30%	1	0	6	0	0	0	0	0	6	0	0	0	0
98329	3	0.30%	6	2	9	0	0	0	0	0	0	1	0	0	0
98375	3	0.30%	5	7	4	0	0	0	0	0	0	0	0	0	0
98391	3	0.30%	6	0	5	0	0	0	0	0	4	0	0	0	0
98407	3	0.30%	10	1	1	0	0	1	0	0	2	0	0	0	0
98408	3	0.30%	8	0	3	0	0	0	0	0	2	1	0	0	0
98467	3	0.30%	11	2	0	0	0	0	0	0	2	0	0	0	0
98499	3	0.30%	12	0	0	0	0	0	0	0	2	0	0	0	0
98596	3	0.30%	10	0	5	0	0	0	0	0	0	0	0	0	0
98031	2	0.20%	5	0	0	0	0	0	0	0	2	0	0	0	0
98115	2	0.20%	0	1	4	0	0	0	0	0	3	1	0	0	0
98118	2	0.20%	5	0	0	0	0	0	0	0	1	1	0	0	0
98125	2	0.20%	2	0	4	0	0	0	0	0	4	0	0	0	0
98144	2	0.20%	1	2	0	0	0	0	0	0	6	1	0	0	0
98338	2	0.20%	5	3	0	0	0	0	0	0	1	0	0	0	0
98371	2	0.20%	4	0	0	0	0	0	0	0	1	0	0	0	0
98402	2	0.20%	4	0	0	0	0	0	0	1	0	0	0	0	0
98403	2	0.20%	7	0	0	0	0	0	0	0	2	0	0	0	0
98550	2	0.20%	9	0	0	0	0	0	0	0	1	0	0	0	0
98568	2	0.20%	9	0	0	0	0	0	0	0	0	0	0	0	0
98591	2	0.20%	5	1	0	0	0	0	0	0	2	1	0	0	1
98592	2	0.20%	1	2	0	0	0	0	0	0	0	0	0	0	0



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
98665	2	0.20%	1	0	0	0	0	0	0	0	5	0	0	0	0
	1	0.10%	3	0	0	0	0	0	0	0	0	0	0	0	0
73034	1	0.10%	0	0	0	0	0	0	0	0	4	0	0	0	0
89367	1	0.10%	5	0	0	0	0	0	0	0	0	0	0	0	0
97008	1	0.10%	0	0	0	0	0	0	0	0	3	0	0	0	0
97123	1	0.10%	3	1	0	0	0	0	0	0	0	0	0	0	0
97212	1	0.10%	1	1	0	0	0	0	0	0	2	0	0	0	0
98002	1	0.10%	5	0	0	0	0	0	0	0	0	0	0	0	0
98003	1	0.10%	3	0	0	0	0	0	0	0	2	0	0	0	0
98012	1	0.10%	1	0	0	0	0	0	0	0	3	0	0	0	0
98027	1	0.10%	0	0	1	0	0	0	0	0	4	0	0	0	0
98034	1	0.10%	1	0	0	0	0	0	0	0	4	0	0	0	0
98038	1	0.10%	1	0	1	0	0	0	0	0	1	0	0	0	0
98056	1	0.10%	1	0	0	0	0	0	0	0	1	0	0	0	0
98057	1	0.10%	2	0	0	0	0	0	0	0	1	4	0	0	0
98070	1	0.10%	0	0	0	0	0	0	0	0	0	0	0	0	0
98077	1	0.10%	1	0	2	0	0	0	0	0	2	0	0	0	0
98102	1	0.10%	2	0	3	0	0	0	0	0	0	0	0	0	0
98105	1	0.10%	1	0	0	0	0	0	0	0	4	0	0	0	0
98107	1	0.10%	0	0	3	0	0	0	0	0	2	0	0	0	0
98109	1	0.10%	2	0	0	0	0	0	0	0	2	1	0	0	0
98116	1	0.10%	1	0	2	0	0	0	0	0	2	0	0	0	0
98117	1	0.10%	2	0	0	0	0	0	0	0	3	0	0	0	0
98119	1	0.10%	4	0	0	0	0	0	0	0	1	0	0	0	0
98121	1	0.10%	0	0	3	0	0	0	0	0	2	0	0	0	0
98133	1	0.10%	1	0	0	0	0	0	0	0	4	0	0	0	0
98136	1	0.10%	1	1	0	0	0	0	0	0	0	0	0	0	0
98177	1	0.10%	1	0	1	0	0	0	0	2	0	0	0	0	0
98178	1	0.10%	3	0	0	0	0	0	0	0	0	0	0	0	0



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
98198	1	0.10%	5	0	0	0	0	0	0	0	0	0	0	0	0
98226	1	0.10%	3	0	0	0	0	0	0	0	1	1	0	0	0
98270	1	0.10%	0	0	0	0	0	0	0	0	3	0	0	0	0
98321	1	0.10%	1	0	0	0	0	0	0	0	3	1	0	0	0
98322	1	0.10%	0	1	2	0	0	0	0	0	1	0	0	0	0
98332	1	0.10%	5	0	0	0	0	0	0	0	0	0	0	0	0
98356	1	0.10%	0	0	0	0	0	0	0	0	0	0	0	0	0
98373	1	0.10%	2	0	0	0	0	0	0	0	2	0	0	0	0
98390	1	0.10%	5	0	0	0	0	0	0	0	0	0	0	0	0
98394	1	0.10%	1	0	5	0	0	0	0	0	0	0	0	0	0
98404	1	0.10%	0	4	0	0	0	0	0	0	0	1	0	0	0
98409	1	0.10%	4	0	0	0	0	0	0	0	1	0	0	0	0
98418	1	0.10%	1	0	0	0	2	0	0	0	1	0	0	0	0
98422	1	0.10%	5	0	0	0	0	0	0	0	0	0	0	0	0
98424	1	0.10%	3	0	0	0	1	0	0	0	1	0	0	0	0
98439	1	0.10%	5	0	0	0	0	0	0	0	0	0	0	0	0
98443	1	0.10%	5	0	0	0	0	0	0	0	0	0	0	0	0
98445	1	0.10%	5	0	0	0	0	0	0	0	0	0	0	0	0
98465	1	0.10%	0	0	3	0	0	0	0	0	2	0	0	0	0
98507	1	0.10%	6	0	0	0	0	0	0	0	0	0	0	0	0
98520	1	0.10%	4	0	0	0	0	0	0	0	0	0	0	0	0
98530	1	0.10%	5	0	0	0	0	0	0	0	0	0	0	0	0
98537	1	0.10%	1	0	0	0	0	0	0	0	0	0	0	0	0
98548	1	0.10%	5	0	0	0	0	0	0	0	0	0	0	0	0
98558	1	0.10%	4	0	0	0	0	0	0	0	0	0	0	0	0
98565	1	0.10%	1	0	0	0	0	0	0	0	4	0	0	0	0
98580	1	0.10%	1	1	0	0	0	0	0	0	3	0	0	0	0
98598	1	0.10%	5	0	0	0	0	0	0	0	0	0	0	0	0
98632	1	0.10%	1	0	0	0	0	0	0	0	0	0	0	0	0



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
98645	1	0.10%	0	5	0	0	0	0	0	0	0	0	0	0	0
98674	1	0.10%	1	0	0	0	0	0	0	0	4	0	0	0	0
98724	1	0.10%	4	0	0	0	0	0	0	0	1	0	0	0	0
99036	1	0.10%	0	0	0	0	0	0	0	0	4	0	0	0	0
99223	1	0.10%	0	0	0	0	0	0	0	0	5	0	0	0	0