

From: [Sutphin, Ann](#)
To: [Ellen Sollod](#)
Cc: [Claire Lane](#); [Mary Pat DiLeva](#); [Bill Zosel](#); [Ken Torp](#); [Troy Meyers](#); [Vicky Schiantarelli](#); [Clowers, Gordon](#); [Sheehan, Maureen](#); [Ehlers, Emily](#); [Spicer, Sarah](#)
Subject: RE: Swedish SAC- Follow up to CTR survey questions and TMP performance goals
Date: Friday, December 01, 2017 11:28:04 AM
Attachments: [KingCounty_E81540_Swedish_Cherry_Hill_CTR_11022017.pdf](#)
[KingCounty_E85696_LabCorp_Dynacare_CTR_11032017.pdf](#)
[KingCounty_E82100_Northwest_Kidney_Center_CTR_11022017.pdf](#)
[KingCounty_E82636_Swedish_Medical_Center_CTR_11022017.pdf](#)
[KingCounty_E81892_Swedish_Medical_Group_CTR_11022017.pdf](#)
[image012.png](#)
[image013.png](#)
[image014.png](#)

Dear Ellen and other SAC members –

Thanks for inquiring about the survey process behind the presentation on Swedish Cherry Hill Fall 2017 Commute Trip Reduction survey results that a Swedish Medical representative gave to the SAC on November 28. While I did not attend Tuesday's meeting, I have since received and reviewed a copy of the powerpoint slides from that presentation.

Earlier in November, City staff (SDOT and SDCI) independently reviewed the results from the recent surveys that Swedish staff used to put together for their presentation at the 11/28 SAC meeting. I've attached 5 individual summary reports that are the source of the aggregated data that was presented. In summary, our conclusion was that the survey process and aggregate results were sound.

In accordance with the Council approved TMP found in the 2016 [Final Compiled Campus Master Plan](#) (pages 76-86) and [City Council's Decision](#) (page 25) on this plan, the mode split of employees commuting during peak hours is measured. The survey instrument used to determine the mode split of this population is the state's Commute Trip Reduction (CTR) survey, which SDOT uses for transportation management measurement throughout the city. Our survey process procedures required that Swedish achieve a survey response rate of at least 50%; this is a state standard applied to all employers subject to CTR law. They surveyed 1119 out of 2115 peak-hour commuters and 1512 out of 2980 total employees. Both of these result in a response rate above 50%. Prior to the SAC meeting, SDOT and SDCI staff reviewed the implementation practices and the results of Swedish Cherry Hill Campus's surveys and found that it is compliant with standard survey requirements. Regarding statistical significance, a sample size of 1119 within a survey population of 2115 tells us with 95% confidence that their SOV modesplit is between 45.54% and 49.54% (Margin of error of +/- 2%).

We therefore find that Swedish has 1) conducted a modesplit survey that meets the minimum requirements of the city as per our standard CTR program, as agreed to in the TMP and 2) the sample of peak-hour commuters surveyed is both statistically valid and provides results with a margin of error that at its maximum still indicates results are below the threshold of 50% SOV. SDOT is aware of the limitations of self-reporting on such surveys; however, please note that there is never at any point the possibility of "disregarding" certain responses. Surveys are completed by respondents on a secure, anonymous online portal (hosted by WSDOT as part of the state CTR program) that the employer (in this case, Swedish and other campus tenants) cannot access. The city takes the gathering and review of this data seriously. To provide additional surveying assistance and ensure a greater likelihood of consistency and compliance, we contract with Commute Seattle who works closely with employers like Swedish and regularly check in on their progress. Commute Seattle staff who provided direct surveying support has likewise found no

discrepancies or issues with the 2017 Swedish survey process.

Also, know that myself and other SDOT staff has served on the Integrated Transportation Board that has met regularly since July 2014 advising on the Cherry Hill's campus implementation of their Transportation Management Program. This committee also includes representatives from the neighborhood, campus tenants and parking management operators, King County Metro and Seattle Department on Construction and Inspections. The group has reviewed many enhancements that the campus has implemented over the past several years to improve the commute program performance. The next meeting of that group is December 6, 2017.

I hope this addresses the questions and concerns you have raised. I would be happy to answer any additional questions you have.

Regards,

Ann B. Sutphin, AICP

Transportation Options Lead, Transit & Mobility Division

City of Seattle [Department of Transportation](#)

O: 206.684.8374 | M: 206.423.1001 | F: 206.684.3238 | ann.sutphin@seattle.gov



From: Ellen Sollod [<mailto:ellen@sollodstudio.com>]

Sent: Wednesday, November 29, 2017 12:55 PM

To: Sheehan, Maureen

Cc: Claire Lane ; Mary Pat DiLeva ; Bill Zosel ; Ken Torp ; Troy Meyers ; Vicky Schiantarelli ; Sutphin, Ann ; Clowers, Gordon

Subject: Re: Swedish SAC

Thanks for your response. I look forward to hearing from your colleagues in the City. Given Swedish Cherry Hill's history of deceptive practices, I don't put it passed them to falsify the information. I know that may sound harsh but it is a reality from the neighborhood's perspective.

Regards,

Ellen

On Nov 29, 2017, at 12:48 PM, Sheehan, Maureen <Maureen.Sheehan@seattle.gov> wrote:

Ellen,

Thank you for your questions regarding the survey results that were shared at last night's SAC mtg. I've shared your email with SDOT and SDCI staff. Ann Sutphin from SDOT is aware of your concerns and she said she'd follow up on your questions and provide additional information to you by the end of the week. Ann and Gordon Clowers (from SDCI) are cc'ed here so that they have your contacts.

Maureen Sheehan

Major Institutions and Schools Coordinator

Seattle Renters' Commission Staff Liaison

Office: 206.684.0302

seattle.gov/neighborhoods

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From: Ellen Sollod [<mailto:ellen@sollodstudio.com>]

Sent: Wednesday, November 29, 2017 11:04 AM

To: Sheehan, Maureen <Maureen.Sheehan@seattle.gov>; Claire Lane <claire@chaplaneinn.net>

Cc: Mary Pat DiLeva <catlady1@wavecable.com>; Bill Zosel <Wmzosel@aol.com>; Ken Torp <khtorp@gmail.com>; Troy Meyers <troy.meyers@gmail.com>; Vicky Schiantarelli <vickymatsui@hotmail.com>

Subject: Swedish SAC

I thought the transportation presentation yesterday at the SAC was completely bogus and a complete set up for Swedish to get the go ahead for construction since they had to bring their SOV down below 50% to do it. They have done it by basically cooking the numbers by using only the surveys returned (fewer than last year) to determine the transportation mode split. Of course, the City, in its "wisdom", doesn't require a real statistically significant survey using a statistically and professional drawn random sample. No, they let the Major Institutions and whoever else has to do this to disregard surveys that are not turned in and develop their numbers from it. A complete scam. Those who don't turn surveys in are more likely to be SOV, I would expect. So last year they had a 70% response rate and they were well above 50% SOV and this year they had a 60% response rate and an SOV rate nearly 10 points lower. This is nonsense. Maureen, I'd like to know who the City and DPD deal with this kind of deceptive practice in their evaluation of meeting the TMP.

I look forward to hearing from you.

Sincerely,

Ellen Sollod

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CTR Employer Survey Report

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

Employer Id : E81540

Employer : Swedish Cherry Hill

Worksite :

Street : 500 17th Ave

Jurisdiction : City of Seattle

Participation : Other

Status : TMP

Survey Type : Online

Response Rate : 70%

Survey Date : 10/31/2017

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

Non-Drive Alone Rate : 76.7%

Drive Alone Rate : 23.3%

One-Way VMT per employee : 4.4

Average One-Way distance home to work : 12.1

Employees and Survey Response Information

Reported Total Employees at Worksite: 150

Surveys Distributed : 123

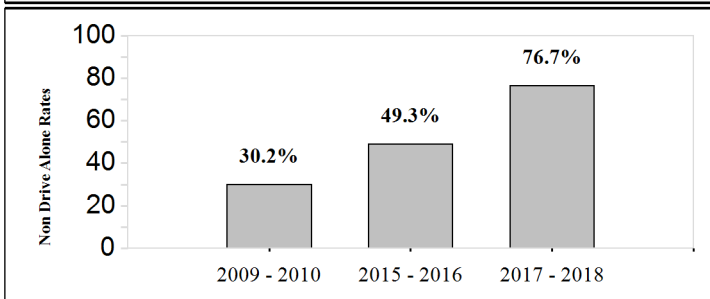
Surveys Returned : 86

Surveys Returned by CTR Affected* Employees : 75

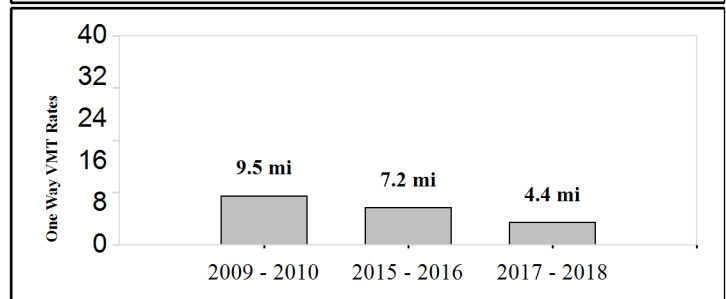
Total Estimated CTR Affected Employees at Worksite : 107

*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

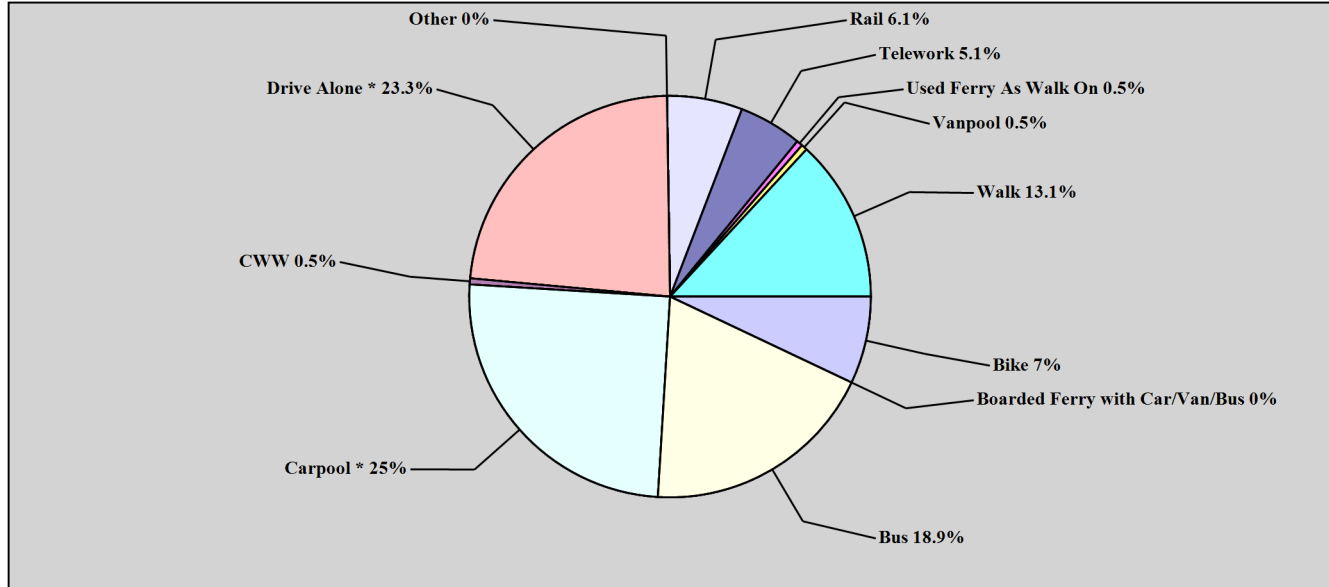
Cycle	Non Drive Alone Rate - All	Non Drive Alone Rate - CTR Affected	Emissions for Surveyed Employees	Estimated Emissions for Total Employment	GHG per Employee's Roundtrip	VMT per Employee - All	VMT per Employee - CTR Affected
2007 - 2008	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2009 - 2010	30.2%	30.8%	574	1040	61.1	9.5	9.6
2011 - 2012	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2013 - 2014	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2015 - 2016	49.3%	53.2%	184	208	12.2	7.2	7.0
2017 - 2018	76.7%	79.6%	81	140	8.2	4.4	4.3
Target	36.2%				Target:	7.8	
% Point Change Target:	6.0				% Change Target:	-18.0%	
% Point Change from Baseline:	46.5				% Change from Baseline:	-53.7%	

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



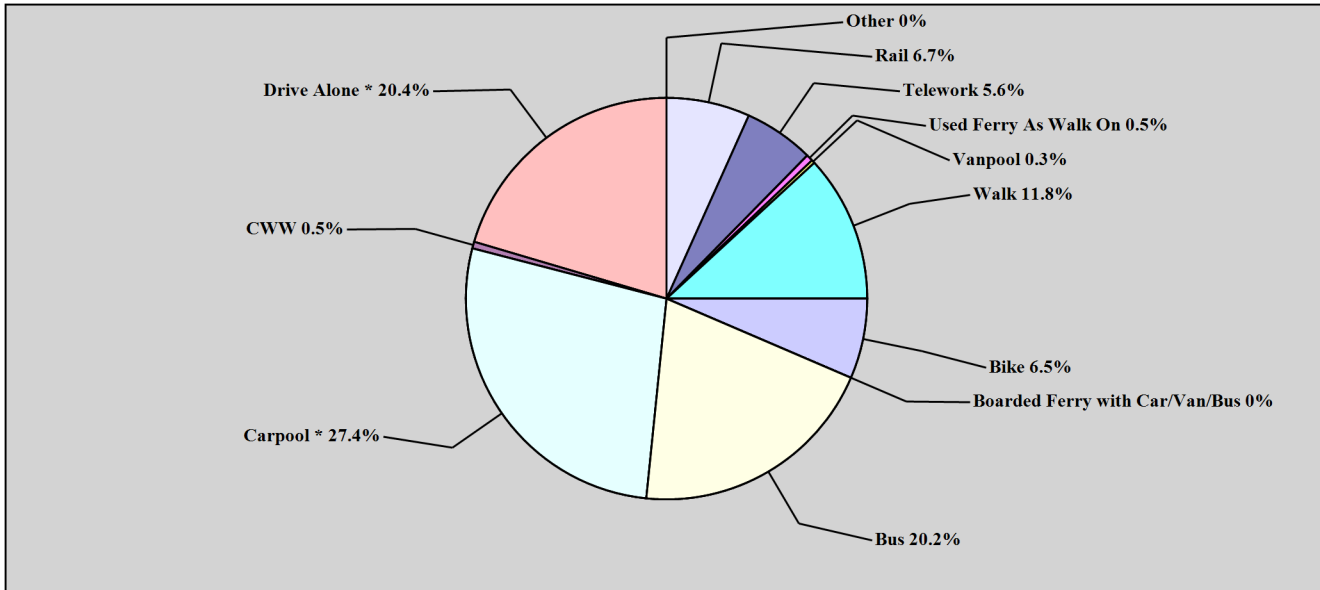
Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	96	23.3%	50.7%	29	33.7%	62.1%
Carpool *	103	25.0%	7.9%	26	30.2%	9.7%
Vanpool	2	0.5%	0.8%	2	2.3%	0.8%
Bus	78	18.9%	13.7%	20	23.3%	16.9%
Rail	25	6.1%	3.0%	5	5.8%	4.8%
Bike	29	7.0%	3.5%	8	9.3%	5.6%
Walk	54	13.1%	15.7%	13	15.1%	16.1%
Telework	21	5.1%	3.0%	9	10.5%	6.5%
CWW	2	0.5%	1.0%	2	2.3%	4.0%
Boarded Ferry with Car/Van/Bus	0	0.0%	0.0%	0	0.0%	0.0%
Used Ferry As Walk On	2	0.5%	0.0%	1	1.2%	0.0%
Other	0	0.0%	0.8%	0	0.0%	0.8%

* 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 *	76	20.4%	46.8%	23	30.7%	58.7%
Carpool *	102	27.4%	6.0%	25	33.3%	7.6%
Vanpool	1	0.3%	1.1%	1	1.3%	1.1%
Bus	75	20.2%	15.5%	18	24.0%	18.5%
Rail	25	6.7%	3.4%	5	6.7%	5.4%
Bike	24	6.5%	3.8%	7	9.3%	6.5%
Walk	44	11.8%	18.9%	11	14.7%	19.6%
Telework	21	5.6%	2.3%	9	12.0%	6.5%
CWW	2	0.5%	1.1%	2	2.7%	4.3%
Boarded Ferry with Car/Van/Bus	0	0.0%	0.0%	0	0.0%	0.0%
Used Ferry As Walk On	2	0.5%	0.0%	1	1.3%	0.0%
Other	0	0.0%	1.1%	0	0.0%	1.1%

* 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	13	15%	86	100%
1 Days	5	6%	73	85%
2 Days	6	7%	68	79%
3 Days	4	5%	62	72%
4 Days	4	5%	58	67%
5 Days	53	62%	54	63%
6 or More Days	1	1%	1	1%

Count by Occupancy of Carpools and Vanpools

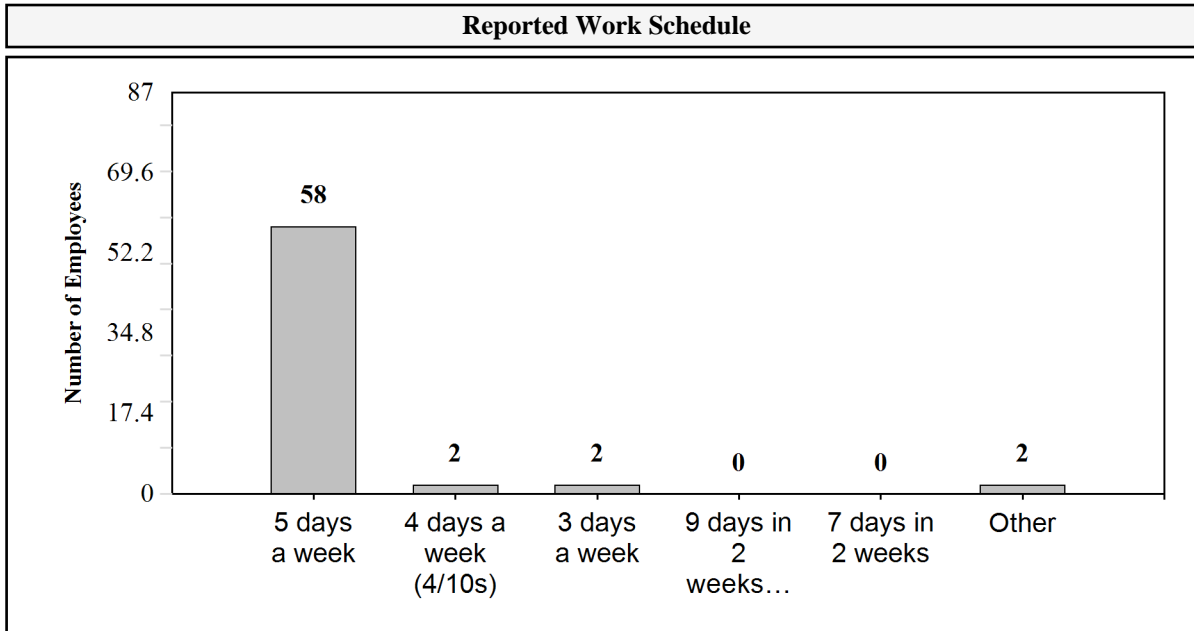
Q.4 If you used a carpool or vanpool as part of your commute, how many people (age 16 or older) are usually in the vehicle?

Ridesharing Occupancy	Mode	Response Count
2*	Carpool	98
3	Carpool	5
4	Carpool	0
5	Carpool	0
>5	Carpool	0
<5	Vanpool	1
5	Vanpool	0
6	Vanpool	0
7	Vanpool	0
8	Vanpool	0
9	Vanpool	0
10	Vanpool	0
11	Vanpool	0
12	Vanpool	0
13	Vanpool	0
14	Vanpool	0
>14	Vanpool	1

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

Reported Work Schedule - All Employees

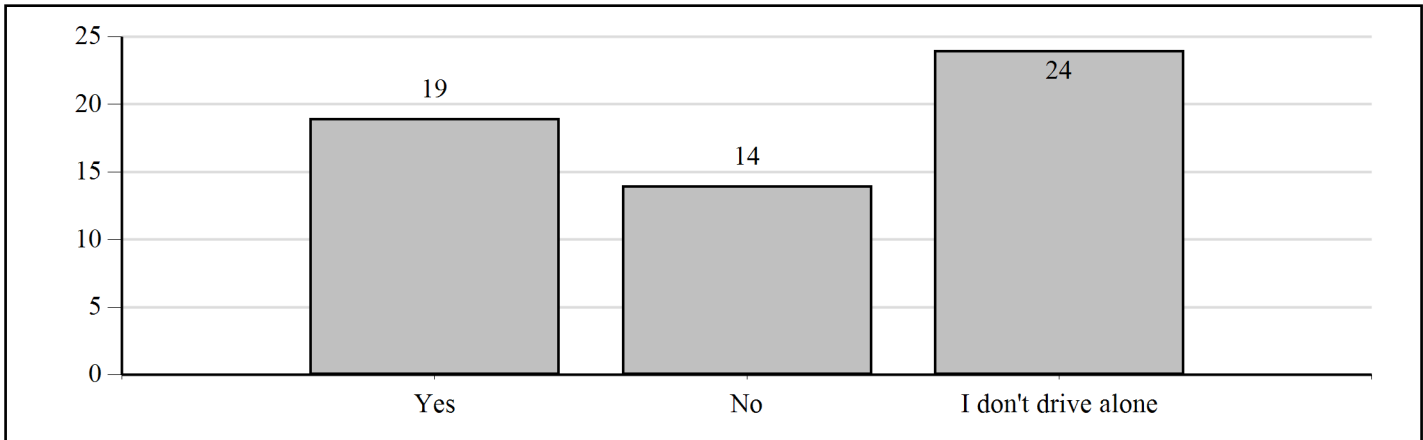
Q.8 Which of the following best describes your work schedule?



Reported Work Schedule	# Of Responses	% Of Employees
5 days a week	58	90.6%
4 days a week (4/10s)	2	3.1%
3 days a week	2	3.1%
9 days in 2 weeks (9/80)	0	0%
7 days in 2 weeks	0	0%
Other	2	3.1%

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	24	27.9%
I don't telework	38	44.2%
Occasionally, on an as-needed basis	14	16.3%
1-2 days/month	3	3.5%
1 day/week	4	4.7%
2 days/week	0	0.0%
3 days/week	3	3.5%

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
Free or subsidized bus, train, vanpool pass or fare benefit	19	16.7%
To save money	19	16.7%
Personal health or well-being	17	14.9%
To save time using the HOV lane	11	9.6%
Cost of parking or lack of parking	10	8.8%
Environmental and community benefits	10	8.8%
I have the option of teleworking	8	7.0%
Driving myself is not an option	8	7.0%
Other	8	7.0%
Financial incentives for carpooling, bicycling or walking.	3	2.6%
Emergency ride home is provided	1	0.9%
I receive a financial incentive for giving up my parking space	0	0.0%
Preferred/reserved carpool/vanpool parking is provided	0	0.0%

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	27	25.2%
I like the convenience of having my car	25	23.4%
My job requires me to use my car for work	17	15.9%
Other	17	15.9%
Family care or similar obligations	11	10.3%
My commute distance is too short	4	3.7%
Bicycling or walking isn't safe	3	2.8%
I need more information on alternative modes	2	1.9%
There isn't any secure or covered bicycle parking	1	0.9%

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
98122	9	10.47%	2	0	0	0	0	0	0	41	2	0	0	0	
98031	6	6.98%	0	10	0	0	5	10	0	0	5	0	0	0	
98116	5	5.81%	5	7	0	0	5	0	6	0	0	0	0	2	
98102	4	4.65%	4	2	0	0	0	0	8	5	0	1	0	0	
98115	4	4.65%	8	0	1	0	2	0	10	0	0	0	0	0	
98036	3	3.49%	8	0	0	0	5	0	0	0	2	0	0	0	
98058	3	3.49%	3	9	0	0	0	0	0	0	3	0	0	0	
98117	3	3.49%	7	0	0	0	0	0	3	5	0	0	0	0	
98144	3	3.49%	2	8	0	0	0	0	2	3	0	0	0	0	
98199	3	3.49%	0	0	0	0	15	0	0	0	0	0	0	0	
98002	2	2.33%	0	5	0	0	0	5	0	0	0	0	0	0	
98006	2	2.33%	9	0	0	0	0	0	0	0	1	0	0	0	
98030	2	2.33%	0	5	0	0	5	0	0	0	0	0	0	0	
98034	2	2.33%	0	10	0	0	0	0	0	0	0	0	0	0	
98059	2	2.33%	0	5	0	0	5	0	0	0	0	0	0	0	
98103	2	2.33%	2	1	1	0	0	0	0	0	0	0	0	0	
98105	2	2.33%	4	0	0	0	4	0	0	0	0	0	0	0	
98106	2	2.33%	0	0	0	0	10	0	0	0	0	0	0	0	
98118	2	2.33%	6	4	0	0	0	0	0	0	0	0	0	0	
98155	2	2.33%	4	2	0	0	1	0	0	0	0	0	0	0	
98003	1	1.16%	0	2	0	0	1	0	0	0	1	0	0	0	
98005	1	1.16%	0	0	0	0	0	0	0	0	5	0	0	0	
98008	1	1.16%	0	5	0	0	0	0	0	0	0	0	0	0	
98011	1	1.16%	5	0	0	0	0	0	0	0	0	0	0	0	
98027	1	1.16%	1	0	0	0	4	0	0	0	0	0	0	0	
98028	1	1.16%	4	0	0	0	0	0	0	0	0	1	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
98032	1	1.16%	0	0	0	0	0	5	0	0	0	0	0	0	0
98040	1	1.16%	2	0	0	0	0	0	0	0	0	0	0	0	0
98042	1	1.16%	0	4	0	0	1	0	0	0	0	0	0	0	0
98055	1	1.16%	0	0	0	0	0	5	0	0	0	0	0	0	0
98074	1	1.16%	5	0	0	0	0	0	0	0	0	0	0	0	0
98108	1	1.16%	0	5	0	0	0	0	0	0	0	0	0	0	0
98109	1	1.16%	5	0	0	0	0	0	0	0	0	0	0	0	0
98125	1	1.16%	0	5	0	0	0	0	0	0	0	0	0	0	0
98133	1	1.16%	5	0	0	0	0	0	0	0	0	0	0	0	0
98146	1	1.16%	3	1	0	0	0	0	0	0	0	0	0	0	0
98195	1	1.16%	2	0	0	0	3	0	0	0	0	0	0	0	0
98258	1	1.16%	0	0	0	0	5	0	0	0	0	0	0	0	0
98354	1	1.16%	0	5	0	0	0	0	0	0	0	0	0	0	0
98370	1	1.16%	0	0	0	0	2	0	0	0	0	0	0	0	0
98405	1	1.16%	0	0	0	0	5	0	0	0	0	0	0	0	0
98425	1	1.16%	0	5	0	0	0	0	0	0	0	0	0	0	0
98466	1	1.16%	0	3	0	0	0	0	0	0	2	0	0	0	0

CTR Employer Survey Report

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

Employer Id : E81892

Participation : CTR

Employer : Swedish Medical Group

Status : Affected

Worksite :

Survey Type : Online

Street : 500 17th Ave

Response Rate : 66%

Jurisdiction : City of Seattle

Survey Date : 10/31/2017

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

Non-Drive Alone Rate : 46.1%

Drive Alone Rate : 53.9%

One-Way VMT per employee : 9.2

Average One-Way distance home to work : 15.2

Employees and Survey Response Information

Reported Total Employees at Worksite: 550

Surveys Distributed : 550

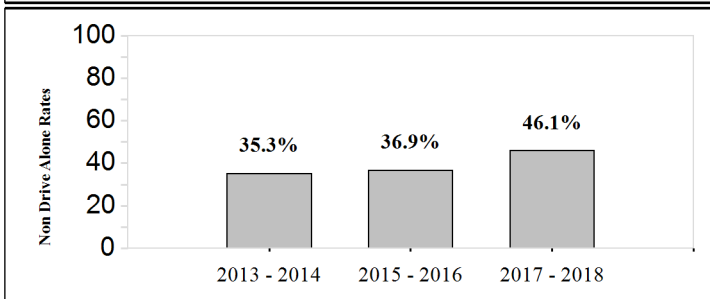
Surveys Returned : 364

Surveys Returned by CTR Affected* Employees : 324

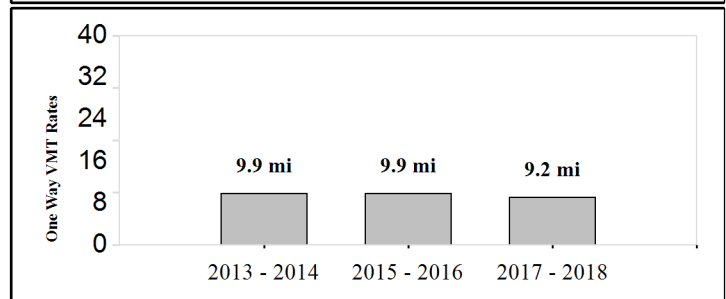
Total Estimated CTR Affected Employees at Worksite : 490

*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

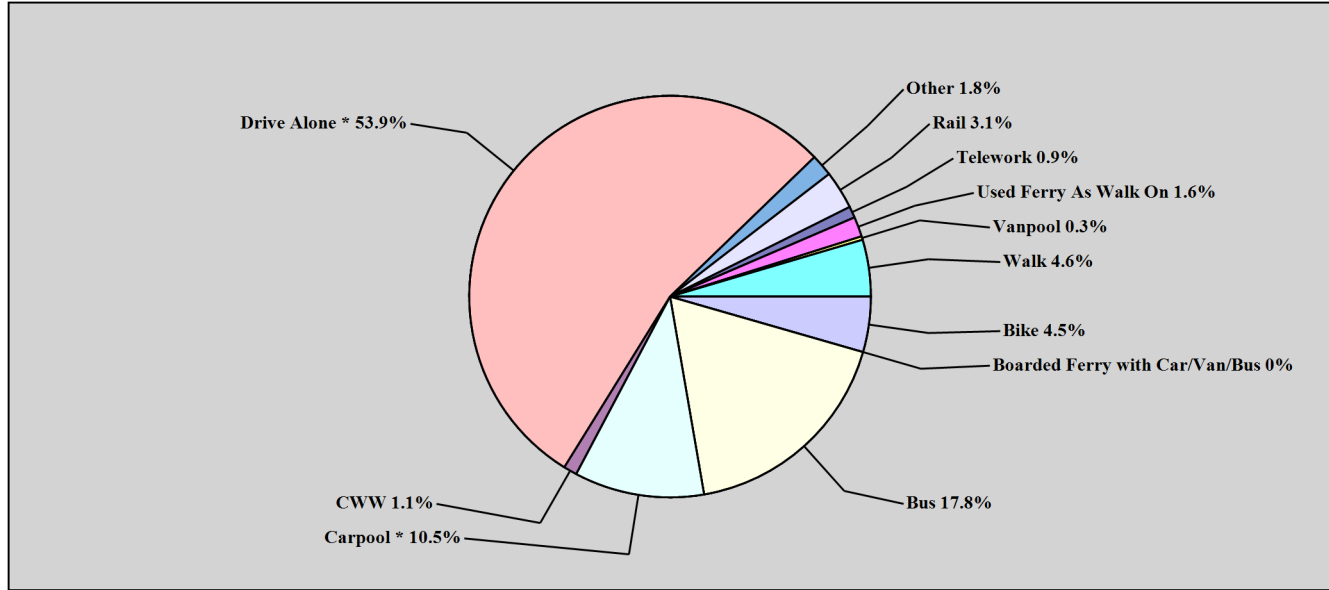
Cycle	Non Drive Alone Rate - All	Non Drive Alone Rate - CTR Affected	Emissions for Surveyed Employees	Estimated Emissions for Total Employment	GHG per Employee's Roundtrip	VMT per Employee - All	VMT per Employee - CTR Affected
2007 - 2008	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2009 - 2010	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2011 - 2012	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2013 - 2014	35.3%	36.8%	596	814	13.1	9.9	9.5
2015 - 2016	36.9%	36.4%	738	1042	16.7	9.9	9.9
2017 - 2018	46.1%	48.3%	715	1081	17.3	9.2	8.9
Target	56.0%				Target:	N/A	
% Point Change Target:	20.7				% Change Target:	N/A	
% Point Change from Baseline:	10.8				% Change from Baseline:	-7.1%	

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



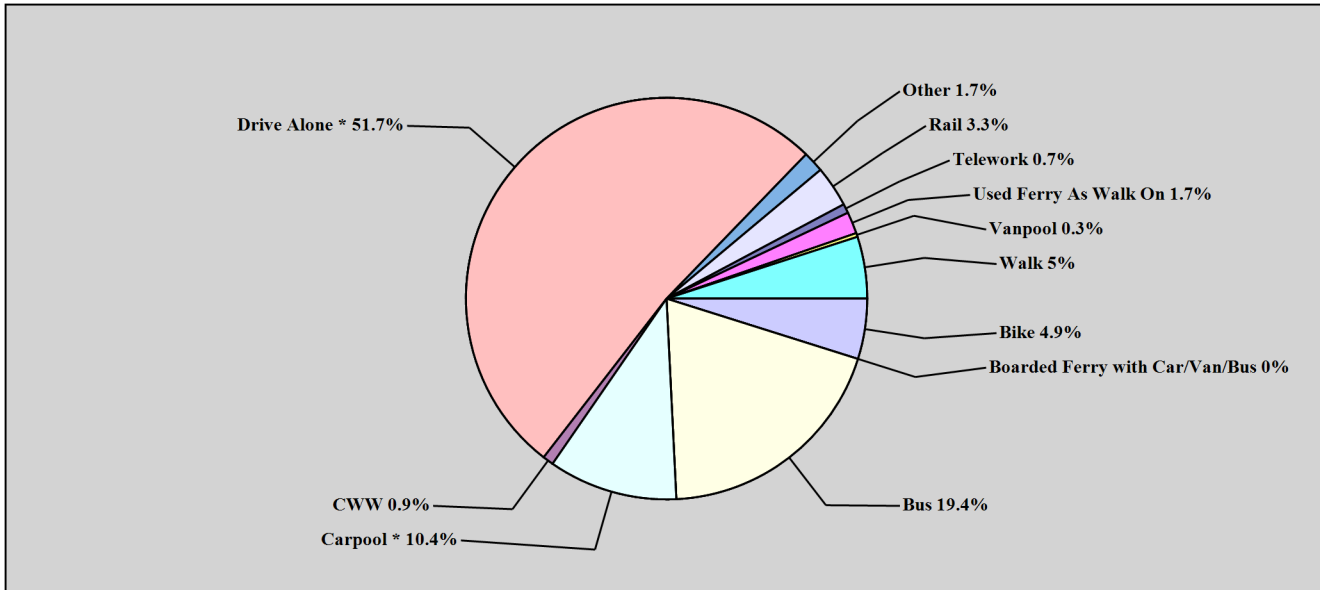
Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	944	53.9%	63.1%	239	65.7%	72.5%
Carpool *	183	10.5%	5.3%	59	16.2%	8.2%
Vanpool	5	0.3%	0.7%	2	0.5%	0.5%
Bus	312	17.8%	13.8%	76	20.9%	18.5%
Rail	54	3.1%	3.9%	16	4.4%	5.5%
Bike	78	4.5%	3.4%	21	5.8%	4.6%
Walk	80	4.6%	3.6%	21	5.8%	4.6%
Telework	16	0.9%	0.7%	7	1.9%	1.1%
CWW	19	1.1%	2.3%	12	3.3%	5.5%
Boarded Ferry with Car/Van/Bus	0	0.0%	0.1%	0	0.0%	0.3%
Used Ferry As Walk On	28	1.6%	1.8%	6	1.6%	1.6%
Other	31	1.8%	1.4%	9	2.5%	2.5%

* 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 *	831	51.7%	63.6%	206	63.6%	71.9%
Carpool *	167	10.4%	5.6%	53	16.4%	8.5%
Vanpool	5	0.3%	0.8%	2	0.6%	0.7%
Bus	311	19.4%	15.0%	75	23.1%	19.9%
Rail	53	3.3%	3.8%	15	4.6%	4.9%
Bike	78	4.9%	3.6%	21	6.5%	5.2%
Walk	80	5.0%	3.7%	21	6.5%	4.9%
Telework	12	0.7%	0.1%	6	1.9%	0.7%
CWW	14	0.9%	1.1%	10	3.1%	3.9%
Boarded Ferry with Car/Van/Bus	0	0.0%	0.1%	0	0.0%	0.3%
Used Ferry As Walk On	28	1.7%	1.6%	6	1.9%	1.3%
Other	27	1.7%	0.9%	8	2.5%	2.0%

* 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	167	46%	364	100%
1 Days	20	5%	197	54%
2 Days	14	4%	177	49%
3 Days	18	5%	163	45%
4 Days	38	10%	145	40%
5 Days	95	26%	107	29%
6 or More Days	12	3%	12	3%

Count by Occupancy of Carpools and Vanpools

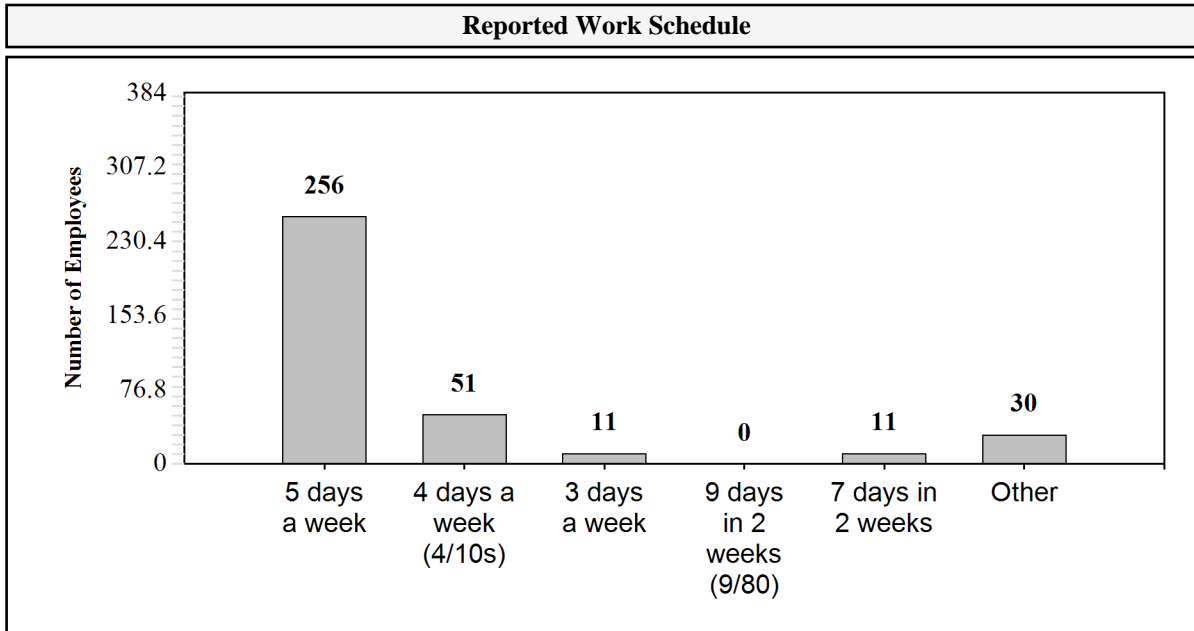
Q.4 If you used a carpool or vanpool as part of your commute, how many people (age 16 or older) are usually in the vehicle?

Ridesharing Occupancy	Mode	Response Count
2*	Carpool	165
3	Carpool	18
4	Carpool	0
5	Carpool	0
>5	Carpool	0
<5	Vanpool	5
5	Vanpool	0
6	Vanpool	0
7	Vanpool	0
8	Vanpool	0
9	Vanpool	0
10	Vanpool	0
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

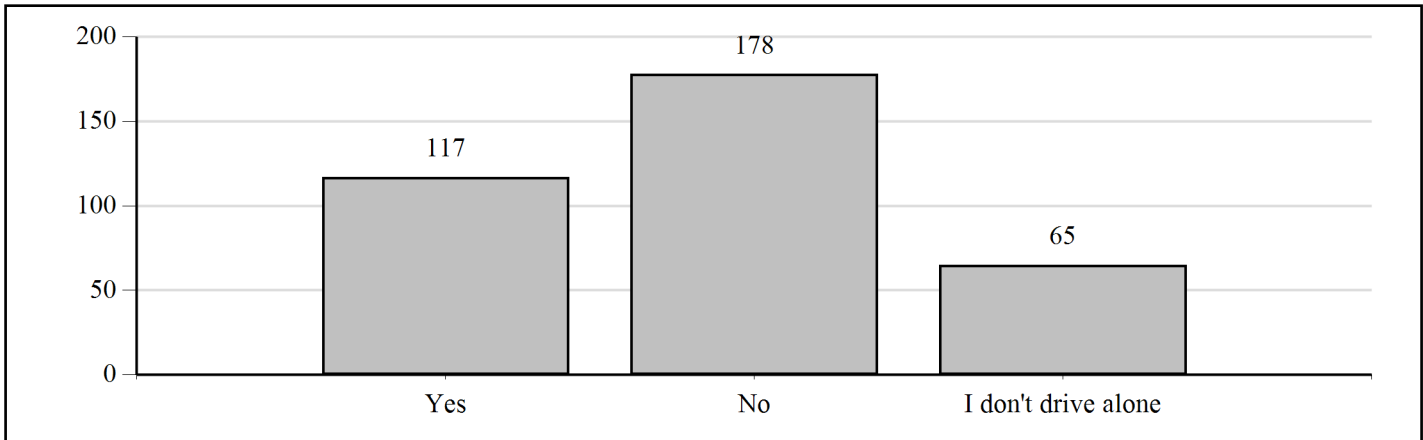
Q.8 Which of the following best describes your work schedule?



Reported Work Schedule	# Of Responses	% Of Employees
5 days a week	256	71.3%
4 days a week (4/10s)	51	14.2%
3 days a week	11	3.1%
9 days in 2 weeks (9/80)	0	0%
7 days in 2 weeks	11	3.1%
Other	30	8.4%

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	2	0.5%
I don't telework	318	87.4%
Occasionally, on an as-needed basis	22	6.0%
1-2 days/month	7	1.9%
1 day/week	10	2.7%
2 days/week	0	0.0%
3 days/week	5	1.4%

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	112	15.8%
Cost of parking or lack of parking	110	15.5%
Free or subsidized bus, train, vanpool pass or fare benefit	103	14.5%
Environmental and community benefits	76	10.7%
Personal health or well-being	73	10.3%
Other	73	10.3%
Financial incentives for carpooling, bicycling or walking.	50	7.0%
To save time using the HOV lane	47	6.6%
Driving myself is not an option	27	3.8%
I have the option of teleworking	16	2.3%
Preferred/reserved carpool/vanpool parking is provided	9	1.3%
Emergency ride home is provided	8	1.1%
I receive a financial incentive for giving up my parking space	7	1.0%

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	222	28.4%
I like the convenience of having my car	175	22.4%
Family care or similar obligations	150	19.2%
Other	109	14.0%
My job requires me to use my car for work	47	6.0%
Bicycling or walking isn't safe	34	4.4%
My commute distance is too short	22	2.8%
I need more information on alternative modes	16	2.0%
There isn't any secure or covered bicycle parking	6	0.8%

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
98122	17	4.67%	14	0	0	0	3	0	18	55	0	0	0	0	0
98116	11	3.02%	44	6	0	0	5	0	4	0	0	0	0	0	0
98117	11	3.02%	20	5	0	0	12	0	4	0	0	1	0	0	4
98125	11	3.02%	32	13	4	0	6	0	0	0	0	0	0	0	0
98030	10	2.75%	33	0	0	0	7	8	0	0	0	0	0	0	0
98103	10	2.75%	27	0	0	0	12	0	9	5	0	0	0	0	0
98118	10	2.75%	21	20	0	0	5	1	0	0	0	0	0	0	0
98023	9	2.47%	17	6	0	0	10	4	0	0	0	3	0	0	0
98115	9	2.47%	22	0	0	0	5	0	7	0	5	2	0	0	4
98109	8	2.20%	13	8	0	0	12	0	7	3	0	0	0	0	0
98119	8	2.20%	32	3	0	0	4	0	0	0	0	0	0	0	0
98126	8	2.20%	15	6	0	0	10	0	4	0	0	1	0	0	0
98144	8	2.20%	14	5	0	0	5	0	13	3	0	0	0	0	3
98168	8	2.20%	31	8	1	0	0	0	0	0	0	0	0	0	0
98001	7	1.92%	13	7	0	0	10	0	0	0	0	3	0	0	0
98031	7	1.92%	26	3	0	0	0	0	0	0	0	0	0	0	0
98029	6	1.65%	22	2	0	0	0	0	0	0	0	0	0	0	0
98058	6	1.65%	20	0	0	0	11	0	0	0	0	2	0	0	0
98105	6	1.65%	25	2	0	0	0	0	0	0	0	1	0	0	0
98107	6	1.65%	21	0	0	0	1	0	0	0	0	1	0	0	0
98112	6	1.65%	20	0	0	0	0	0	1	5	0	0	0	0	4
98133	6	1.65%	11	0	0	0	18	0	0	0	0	0	0	0	0
98177	6	1.65%	28	0	0	0	0	0	1	0	0	0	0	0	0
98188	6	1.65%	14	8	0	0	12	0	0	0	0	0	0	0	0
98006	5	1.37%	19	0	0	0	1	0	4	0	0	0	0	0	0
98026	5	1.37%	11	1	0	0	10	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
98040	5	1.37%	14	6	0	0	0	0	1	0	3	0	0	0	1
98055	5	1.37%	9	11	0	0	5	0	0	0	0	0	0	0	0
98087	5	1.37%	4	5	0	0	4	0	0	0	2	0	0	0	0
98102	5	1.37%	12	0	0	0	5	0	5	0	0	0	0	0	4
98106	5	1.37%	14	5	0	0	5	0	0	0	0	0	0	0	0
98178	5	1.37%	7	2	0	0	11	1	0	0	0	0	0	0	0
98003	4	1.10%	0	5	0	0	15	0	0	0	0	0	0	0	0
98052	4	1.10%	16	0	0	0	5	0	0	0	0	0	0	0	0
98108	4	1.10%	15	0	0	0	5	0	0	0	0	0	0	0	0
98136	4	1.10%	16	0	0	0	5	0	0	0	0	0	0	0	0
98155	4	1.10%	5	0	0	0	15	0	0	0	0	0	0	0	0
98409	4	1.10%	9	0	0	0	0	9	0	0	0	0	0	0	0
98005	3	0.82%	13	0	0	0	0	0	0	0	1	0	0	0	0
98011	3	0.82%	9	0	0	0	4	0	0	0	0	0	0	0	0
98012	3	0.82%	3	0	0	0	13	0	0	0	0	0	0	0	0
98020	3	0.82%	11	0	0	0	0	0	0	0	0	0	0	0	0
98027	3	0.82%	17	1	0	0	1	0	0	0	0	0	0	0	0
98034	3	0.82%	5	5	0	0	5	0	0	0	0	0	0	0	0
98037	3	0.82%	7	2	0	0	6	0	0	0	0	0	0	0	0
98043	3	0.82%	11	5	0	0	0	0	0	0	0	0	0	0	0
98056	3	0.82%	8	5	0	0	0	0	0	0	0	0	0	0	0
98092	3	0.82%	5	0	0	0	0	10	0	0	0	0	0	0	0
98110	3	0.82%	0	0	0	0	0	0	0	0	0	0	0	10	4
98146	3	0.82%	1	7	0	0	8	0	0	0	0	0	0	0	0
98204	3	0.82%	10	0	0	0	0	0	0	0	0	0	0	0	5
98033	2	0.55%	9	0	0	0	0	0	0	0	0	0	0	0	0
98038	2	0.55%	10	0	0	0	0	0	0	0	0	0	0	0	0
98053	2	0.55%	9	0	0	0	0	0	0	0	0	4	0	0	0
98059	2	0.55%	3	0	0	0	4	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
98101	2	0.55%	3	0	0	0	5	0	0	2	0	0	0	0	0
98104	2	0.55%	1	2	0	0	0	1	0	6	0	0	0	0	0
98166	2	0.55%	5	0	0	0	5	0	0	0	0	0	0	0	0
98198	2	0.55%	8	0	0	0	0	0	0	0	0	0	0	0	0
98201	2	0.55%	5	0	0	0	0	5	0	0	0	0	0	0	0
98203	2	0.55%	3	0	0	0	5	0	0	0	0	0	0	0	0
98366	2	0.55%	2	0	0	0	0	0	0	0	0	0	0	8	0
98499	2	0.55%	5	0	0	0	0	5	0	0	0	0	0	0	0
98002	1	0.27%	5	0	0	0	0	0	0	0	0	0	0	0	0
98004	1	0.27%	3	0	0	0	0	0	0	0	0	0	0	0	0
98007	1	0.27%	5	0	0	0	0	0	0	0	0	0	0	0	0
98008	1	0.27%	2	0	0	0	0	0	0	0	0	0	0	0	0
98014	1	0.27%	5	0	0	0	0	0	0	0	0	0	0	0	0
98021	1	0.27%	7	0	0	0	0	0	0	0	0	0	0	0	0
98022	1	0.27%	3	0	0	0	0	0	0	0	0	0	0	0	0
98028	1	0.27%	0	0	0	0	5	0	0	0	0	0	0	0	0
98032	1	0.27%	5	0	0	0	0	0	0	0	0	0	0	0	0
98050	1	0.27%	0	5	0	0	0	0	0	0	0	0	0	0	0
98057	1	0.27%	3	2	0	0	0	0	0	0	0	0	0	0	0
98065	1	0.27%	4	0	0	0	0	0	0	0	0	0	0	0	0
98072	1	0.27%	0	0	0	0	5	0	0	0	0	0	0	0	0
98074	1	0.27%	4	0	0	0	0	0	0	0	0	0	0	0	0
98077	1	0.27%	5	0	0	0	0	0	0	0	0	0	0	0	0
98121	1	0.27%	2	0	0	0	2	0	0	1	0	0	0	0	0
98148	1	0.27%	0	5	0	0	0	0	0	0	0	0	0	0	0
98199	1	0.27%	4	0	0	0	0	0	0	0	0	0	0	0	0
98270	1	0.27%	5	0	0	0	0	0	0	0	0	0	0	0	0
98272	1	0.27%	0	0	0	0	0	0	0	0	0	0	0	0	2
98312	1	0.27%	0	0	0	0	0	0	0	0	0	0	0	5	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
98321	1	0.27%	3	0	0	0	0	0	0	0	0	0	0	0	0
98337	1	0.27%	0	0	0	0	0	0	0	0	0	0	0	5	0
98338	1	0.27%	4	0	0	0	0	0	0	0	0	0	0	0	0
98370	1	0.27%	0	0	0	0	5	0	0	0	0	0	0	0	0
98372	1	0.27%	0	0	0	0	0	1	0	0	0	0	0	0	0
98373	1	0.27%	5	0	0	0	0	0	0	0	0	0	0	0	0
98374	1	0.27%	5	0	0	0	0	0	0	0	0	0	0	0	0
98391	1	0.27%	0	0	0	0	0	5	0	0	0	0	0	0	0
98404	1	0.27%	0	0	0	0	5	0	0	0	0	0	0	0	0
98405	1	0.27%	0	5	0	0	0	0	0	0	0	0	0	0	0
98407	1	0.27%	2	2	0	0	0	0	0	0	1	0	0	0	0
98424	1	0.27%	5	0	0	0	0	0	0	0	0	0	0	0	0
98439	1	0.27%	0	0	0	0	0	4	0	0	0	0	0	0	0
98444	1	0.27%	5	0	0	0	0	0	0	0	0	0	0	0	0
98498	1	0.27%	0	0	0	0	0	0	0	0	4	1	0	0	0
98507	1	0.27%	4	0	0	0	0	0	0	0	0	0	0	0	0

CTR Employer Survey Report

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

Employer Id : E82100

Participation : CTR

Employer : Northwest Kidney Center

Status : Voluntary

Worksite : Cherry Hill Campus

Survey Type : Online

Street : 500 17th Ave

Response Rate : 65%

Jurisdiction : City of Seattle

Survey Date : 10/31/2017

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

Non-Drive Alone Rate : 27.8%

Drive Alone Rate : 72.2%

One-Way VMT per employee : 12.1

Average One-Way distance home to work : 15.0

Employees and Survey Response Information

Reported Total Employees at Worksite : 78

Surveys Distributed : 77

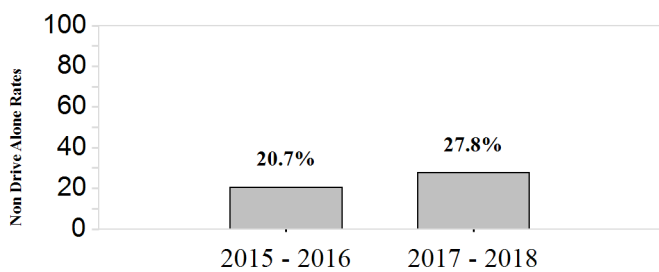
Surveys Returned : 50

Surveys Returned by CTR Affected* Employees : 31

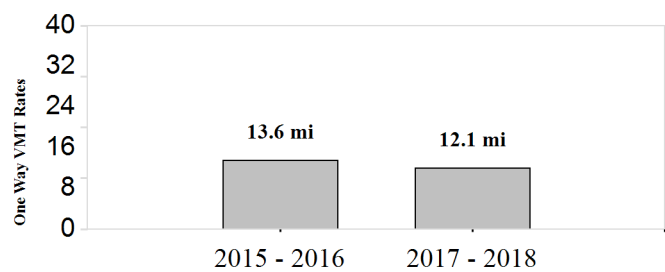
Total Estimated CTR Affected Employees at Worksite : 48

*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

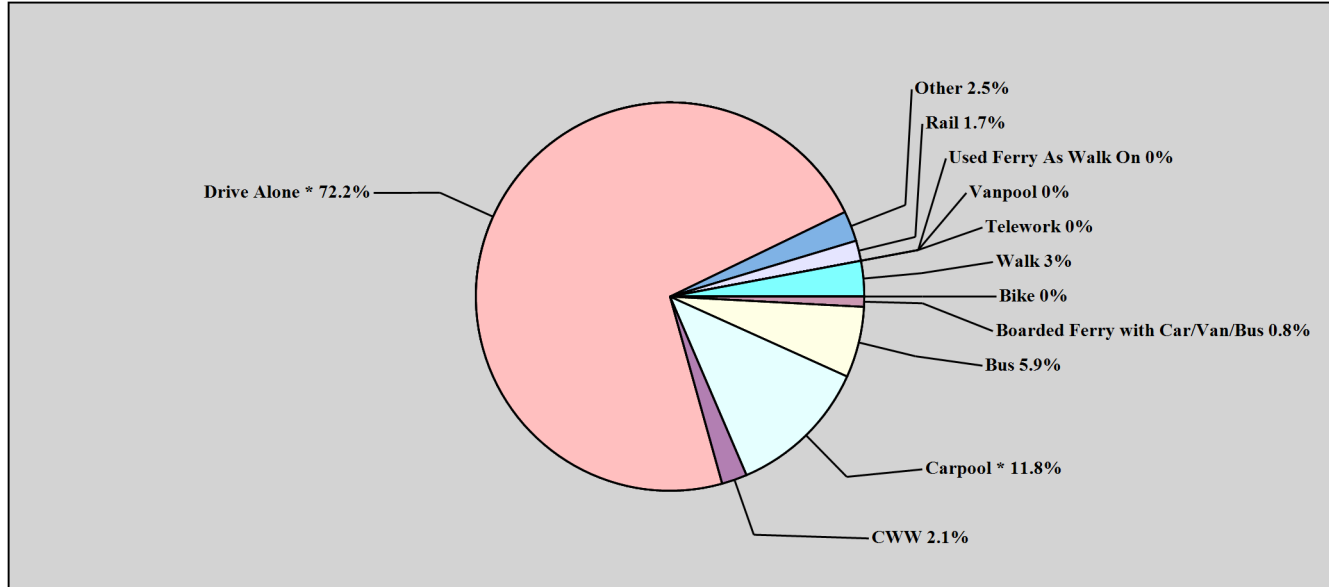
Cycle	Non Drive Alone Rate - All	Non Drive Alone Rate - CTR Affected	Emissions for Surveyed Employees	Estimated Emissions for Total Employment	GHG per Employee's Roundtrip	VMT per Employee - All	VMT per Employee - CTR Affected
2007 - 2008	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2009 - 2010	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2011 - 2012	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2013 - 2014	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2015 - 2016	20.7%	19.7%	130	186	21.0	13.6	13.4
2017 - 2018	27.8%	32.0%	127	199	22.5	12.1	12.0
Target	26.7%				Target:	11.2	
% Point Change Target:	6.0				% Change Target:	-18.0%	
% Point Change from Baseline:	7.1				% Change from Baseline:	-11.0%	

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



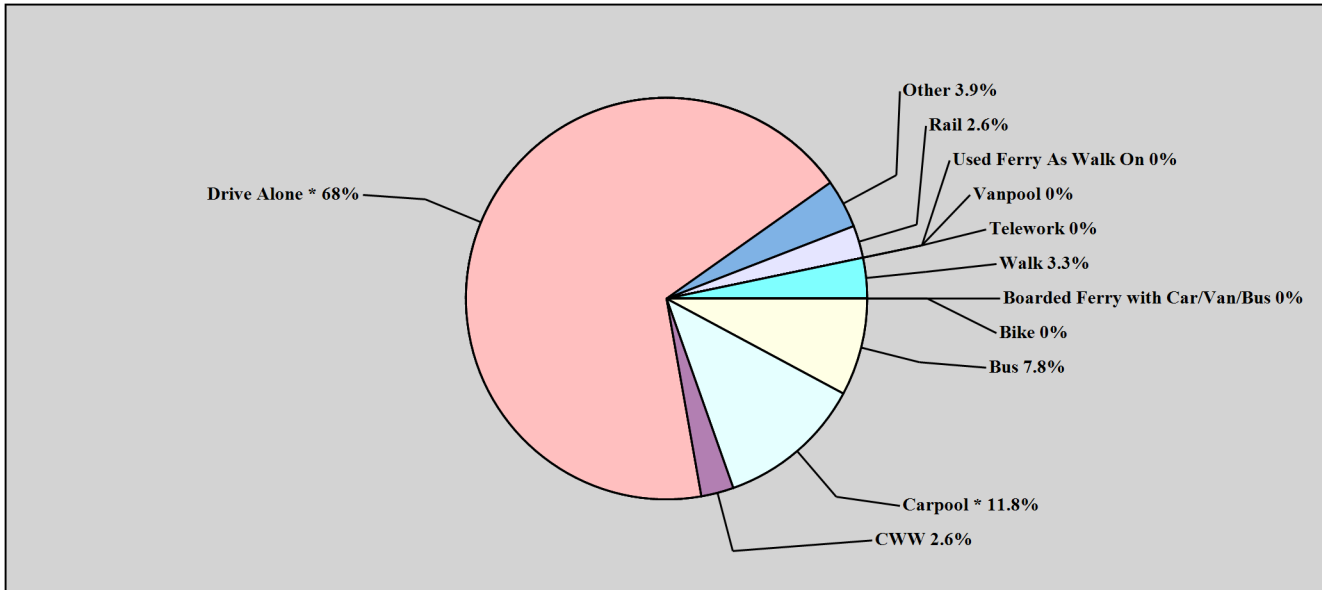
Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	171	72.2%	79.3%	40	80.0%	78.4%
Carpool *	28	11.8%	12.8%	7	14.0%	15.7%
Vanpool	0	0.0%	0.0%	0	0.0%	0.0%
Bus	14	5.9%	4.4%	4	8.0%	5.9%
Rail	4	1.7%	0.0%	1	2.0%	0.0%
Bike	0	0.0%	0.0%	0	0.0%	0.0%
Walk	7	3.0%	1.3%	3	6.0%	3.9%
Telework	0	0.0%	0.0%	0	0.0%	0.0%
CWW	5	2.1%	2.2%	5	10.0%	3.9%
Boarded Ferry with Car/Van/Bus	2	0.8%	0.0%	1	2.0%	0.0%
Used Ferry As Walk On	0	0.0%	0.0%	0	0.0%	0.0%
Other	6	2.5%	0.0%	2	4.0%	0.0%

* 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 *	104	68.0%	80.3%	24	77.4%	83.9%
Carpool *	18	11.8%	15.0%	5	16.1%	16.1%
Vanpool	0	0.0%	0.0%	0	0.0%	0.0%
Bus	12	7.8%	2.7%	3	9.7%	3.2%
Rail	4	2.6%	0.0%	1	3.2%	0.0%
Bike	0	0.0%	0.0%	0	0.0%	0.0%
Walk	5	3.3%	1.4%	2	6.5%	3.2%
Telework	0	0.0%	0.0%	0	0.0%	0.0%
CWW	4	2.6%	0.7%	4	12.9%	3.2%
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	6	3.9%	0.0%	2	6.5%	0.0%

* 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	32	64%	50	100%
1 Days	3	6%	18	36%
2 Days	3	6%	15	30%
3 Days	0	0%	12	24%
4 Days	5	10%	12	24%
5 Days	5	10%	7	14%
6 or More Days	2	4%	2	4%

Count by Occupancy of Carpools and Vanpools

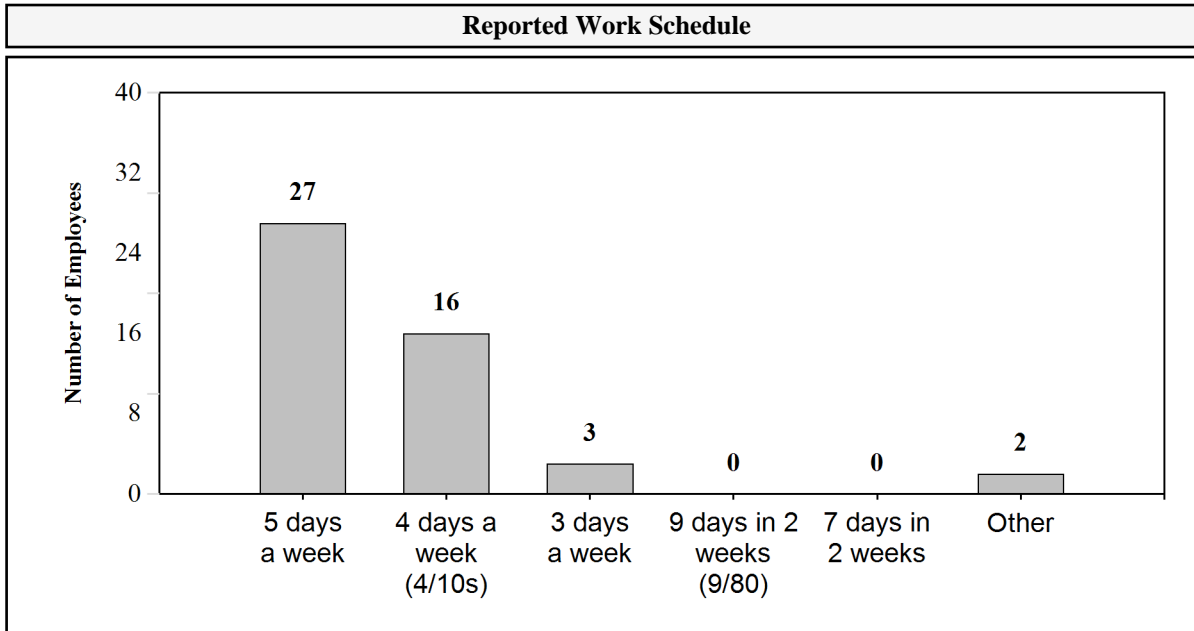
Q.4 If you used a carpool or vanpool as part of your commute, how many people (age 16 or older) are usually in the vehicle?

Ridesharing Occupancy	Mode	Response Count
2*	Carpool	28
3	Carpool	0
4	Carpool	0
5	Carpool	0
>5	Carpool	0
<5	Vanpool	0
5	Vanpool	0
6	Vanpool	0
7	Vanpool	0
8	Vanpool	0
9	Vanpool	0
10	Vanpool	0
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

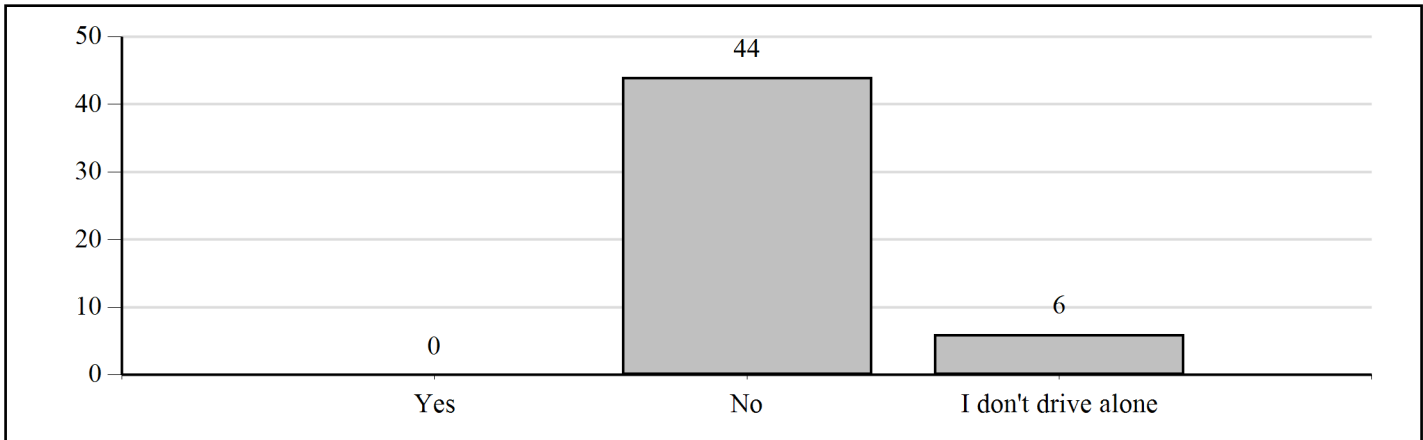
Q.8 Which of the following best describes your work schedule?



Reported Work Schedule	# Of Responses	% Of Employees
5 days a week	27	56.3%
4 days a week (4/10s)	16	33.3%
3 days a week	3	6.3%
9 days in 2 weeks (9/80)	0	0%
7 days in 2 weeks	0	0%
Other	2	4.2%

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	44	88.0%
Occasionally, on an as-needed basis	6	12.0%
1-2 days/month	0	0.0%
1 day/week	0	0.0%
2 days/week	0	0.0%
3 days/week	0	0.0%

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
Other	14	16.7%
Personal health or well-being	12	14.3%
Environmental and community benefits	11	13.1%
To save money	9	10.7%
To save time using the HOV lane	8	9.5%
Cost of parking or lack of parking	7	8.3%
Driving myself is not an option	7	8.3%
Free or subsidized bus, train, vanpool pass or fare benefit	6	7.1%
Emergency ride home is provided	5	6.0%
Financial incentives for carpooling, bicycling or walking.	2	2.4%
I have the option of teleworking	1	1.2%
I receive a financial incentive for giving up my parking space	1	1.2%
Preferred/reserved carpool/vanpool parking is provided	1	1.2%

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	32	29.4%
I like the convenience of having my car	28	25.7%
My job requires me to use my car for work	15	13.8%
Family care or similar obligations	12	11.0%
Bicycling or walking isn't safe	8	7.3%
Other	8	7.3%
I need more information on alternative modes	3	2.8%
My commute distance is too short	3	2.8%
There isn't any secure or covered bicycle parking	0	0.0%

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
98168	3	6.00%	4	6	0	0	5	0	0	0	0	0	0	0	0
98178	3	6.00%	10	0	0	0	0	0	0	0	0	0	0	0	0
98001	2	4.00%	5	5	0	0	0	0	0	0	0	0	0	0	0
98032	2	4.00%	5	0	0	0	0	0	0	0	0	0	0	0	0
98040	2	4.00%	10	0	0	0	0	0	0	0	0	0	0	0	0
98103	2	4.00%	8	2	0	0	0	0	0	0	0	0	0	0	0
98108	2	4.00%	6	5	0	0	0	0	0	0	0	0	0	0	0
98115	2	4.00%	6	0	0	0	0	0	0	0	0	0	0	0	5
98116	2	4.00%	9	0	0	0	0	0	0	0	0	1	0	0	0
98122	2	4.00%	4	1	0	0	0	0	0	5	0	0	0	0	0
98006	1	2.00%	4	0	0	0	0	0	0	0	0	0	0	0	0
98023	1	2.00%	5	0	0	0	0	0	0	0	0	0	0	0	0
98026	1	2.00%	5	0	0	0	0	0	0	0	0	0	0	0	0
98027	1	2.00%	4	0	0	0	0	0	0	0	0	0	0	0	0
98028	1	2.00%	0	5	0	0	0	0	0	0	0	0	0	0	0
98043	1	2.00%	5	0	0	0	0	0	0	0	0	0	0	0	0
98055	1	2.00%	4	0	0	0	0	0	0	0	0	0	0	0	0
98056	1	2.00%	6	0	0	0	0	0	0	0	0	0	0	0	0
98058	1	2.00%	5	0	0	0	0	0	0	0	0	0	0	0	0
98059	1	2.00%	5	0	0	0	0	0	0	0	0	0	0	0	0
98074	1	2.00%	6	0	0	0	0	0	0	0	0	0	0	0	0
98092	1	2.00%	5	0	0	0	0	0	0	0	0	0	0	0	0
98106	1	2.00%	4	0	0	0	0	0	0	0	0	0	0	0	0
98107	1	2.00%	6	0	0	0	0	0	0	0	0	1	0	0	0
98110	1	2.00%	0	0	0	0	0	0	0	2	0	0	2	0	0
98118	1	2.00%	0	4	0	0	2	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
98121	1	2.00%	0	0	0	0	4	0	0	0	0	0	0	0	0
98133	1	2.00%	3	0	0	0	0	0	0	0	0	0	0	0	0
98136	1	2.00%	5	0	0	0	0	0	0	0	0	0	0	0	0
98146	1	2.00%	4	0	0	0	0	0	0	0	0	1	0	0	0
98148	1	2.00%	5	0	0	0	0	0	0	0	0	0	0	0	0
98155	1	2.00%	3	0	0	0	0	0	0	0	0	0	0	0	0
98177	1	2.00%	5	0	0	0	0	0	0	0	0	0	0	0	0
98258	1	2.00%	5	0	0	0	0	0	0	0	0	0	0	0	0
98275	1	2.00%	5	0	0	0	0	0	0	0	0	1	0	0	1
98375	1	2.00%	1	0	0	0	3	0	0	0	0	1	0	0	0
98422	1	2.00%	4	0	0	0	0	0	0	0	0	0	0	0	0
98466	1	2.00%	0	0	0	0	0	4	0	0	0	0	0	0	0

CTR Employer Survey Report

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

Employer Id : E82636

Participation : CTR

Employer : Swedish Medical Center

Status : Affected

Worksite : Cherry Hill Campus

Survey Type : Online

Street : 500 17th Ave

Response Rate : 54%

Jurisdiction : City of Seattle

Survey Date : 10/31/2017

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

Non-Drive Alone Rate : 47.6%

Drive Alone Rate : 52.4%

One-Way VMT per employee : 9.5

Average One-Way distance home to work : 16.3

Employees and Survey Response Information

Reported Total Employees at Worksite : 1,800

Surveys Distributed : 1,555

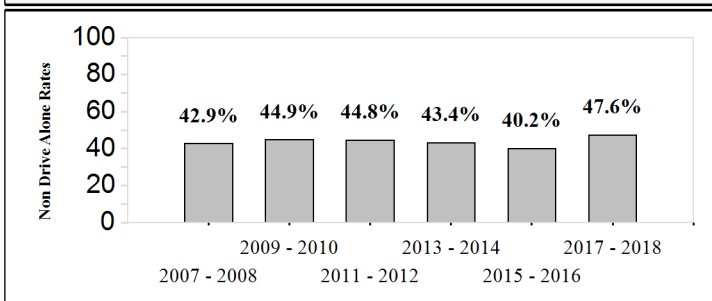
Surveys Returned : 838

Surveys Returned by CTR Affected* Employees : 549

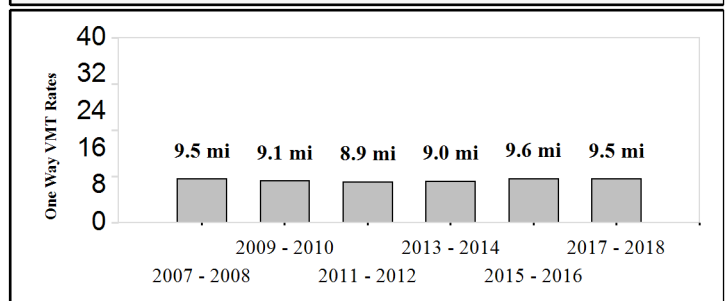
Total Estimated CTR Affected Employees at Worksite : 1,019

*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

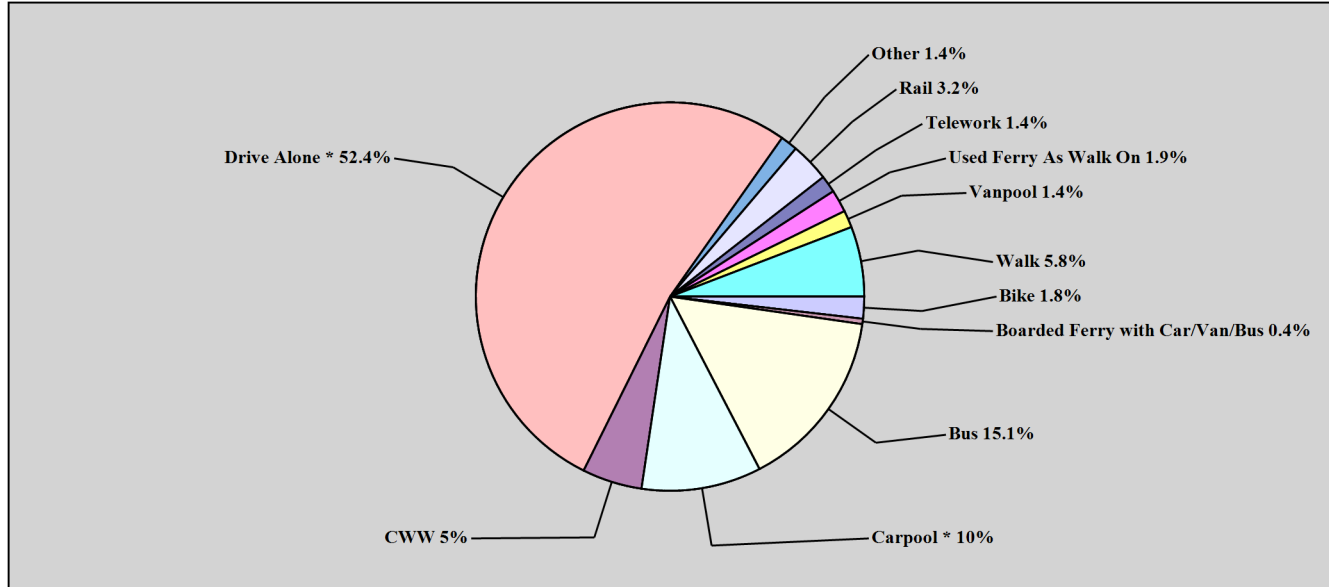
Cycle	Non Drive Alone Rate - All	Non Drive Alone Rate - CTR Affected	Emissions for Surveyed Employees	Estimated Emissions for Total Employment	GHG per Employee's Roundtrip	VMT per Employee - All	VMT per Employee - CTR Affected
2007 - 2008	42.9%	43.0%	1011	3721	18.2	9.5	9.3
2009 - 2010	44.9%	49.9%	1505	2289	11.2	9.1	8.4
2011 - 2012	44.8%	46.0%	1534	2634	12.9	8.9	8.8
2013 - 2014	43.4%	43.9%	1117	2117	10.4	9.0	8.8
2015 - 2016	40.2%	43.8%	2108	2638	12.9	9.6	9.1
2017 - 2018	47.6%	53.3%	1598	3432	16.8	9.5	8.5
Target	56.0%				Target:	N/A	
% Point Change Target:	13.1				% Change Target:	N/A	
% Point Change from Baseline:	4.7				% Change from Baseline:	0.0%	

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



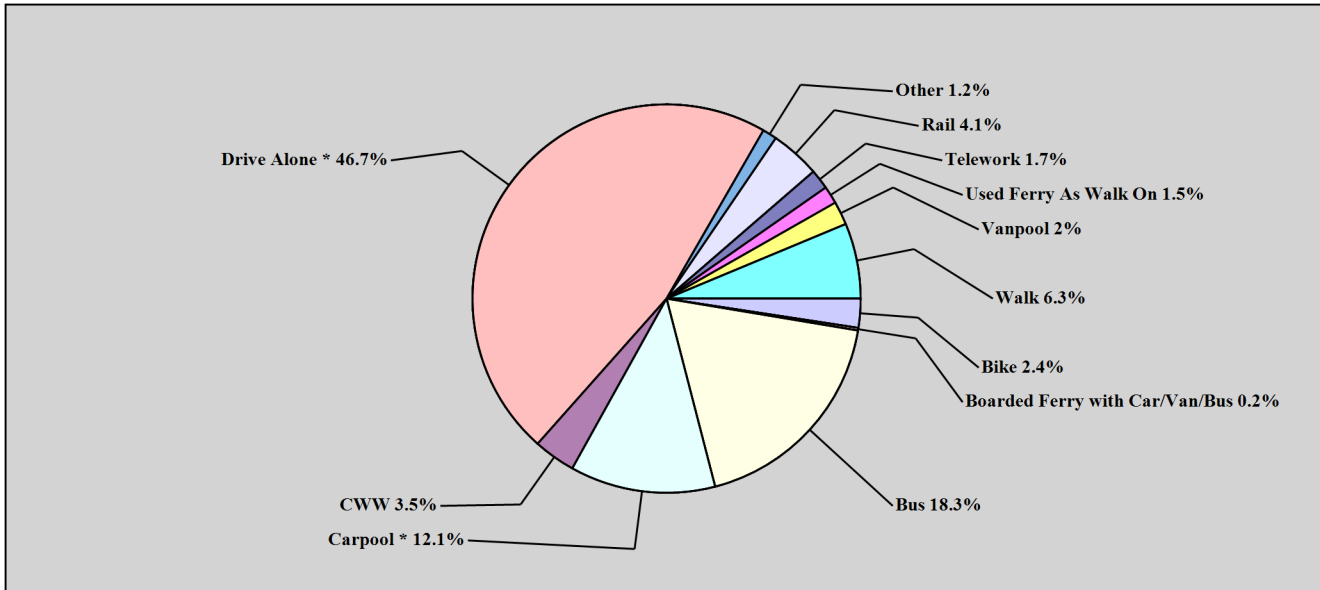
Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	1,988	52.4%	59.7%	547	65.3%	70.9%
Carpool *	378	10.0%	7.1%	111	13.2%	10.4%
Vanpool	54	1.4%	0.9%	14	1.7%	1.2%
Bus	573	15.1%	11.8%	147	17.5%	14.6%
Rail	123	3.2%	2.9%	36	4.3%	3.6%
Bike	69	1.8%	2.6%	21	2.5%	4.2%
Walk	221	5.8%	5.2%	54	6.4%	6.6%
Telework	54	1.4%	0.9%	21	2.5%	1.8%
CWW	189	5.0%	4.9%	62	7.4%	8.3%
Boarded Ferry with Car/Van/Bus	17	0.4%	0.6%	7	0.8%	0.7%
Used Ferry As Walk On	71	1.9%	1.7%	19	2.3%	1.8%
Other	54	1.4%	1.5%	20	2.4%	2.2%

* 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 *	1,244	46.7%	56.2%	330	60.1%	66.5%
Carpool *	322	12.1%	8.4%	90	16.4%	12.1%
Vanpool	52	2.0%	1.1%	13	2.4%	1.4%
Bus	488	18.3%	13.9%	121	22.0%	17.6%
Rail	110	4.1%	3.4%	29	5.3%	4.6%
Bike	64	2.4%	3.0%	19	3.5%	4.6%
Walk	167	6.3%	5.6%	39	7.1%	7.3%
Telework	44	1.7%	1.3%	18	3.3%	2.4%
CWW	93	3.5%	3.6%	33	6.0%	7.2%
Boarded Ferry with Car/Van/Bus	6	0.2%	0.5%	3	0.5%	0.4%
Used Ferry As Walk On	39	1.5%	1.5%	9	1.6%	1.6%
Other	32	1.2%	1.6%	12	2.2%	2.2%

* 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	395	47%	838	100%
1 Days	37	4%	443	53%
2 Days	50	6%	406	48%
3 Days	59	7%	356	42%
4 Days	77	9%	297	35%
5 Days	171	20%	220	26%
6 or More Days	49	6%	49	6%

Count by Occupancy of Carpools and Vanpools

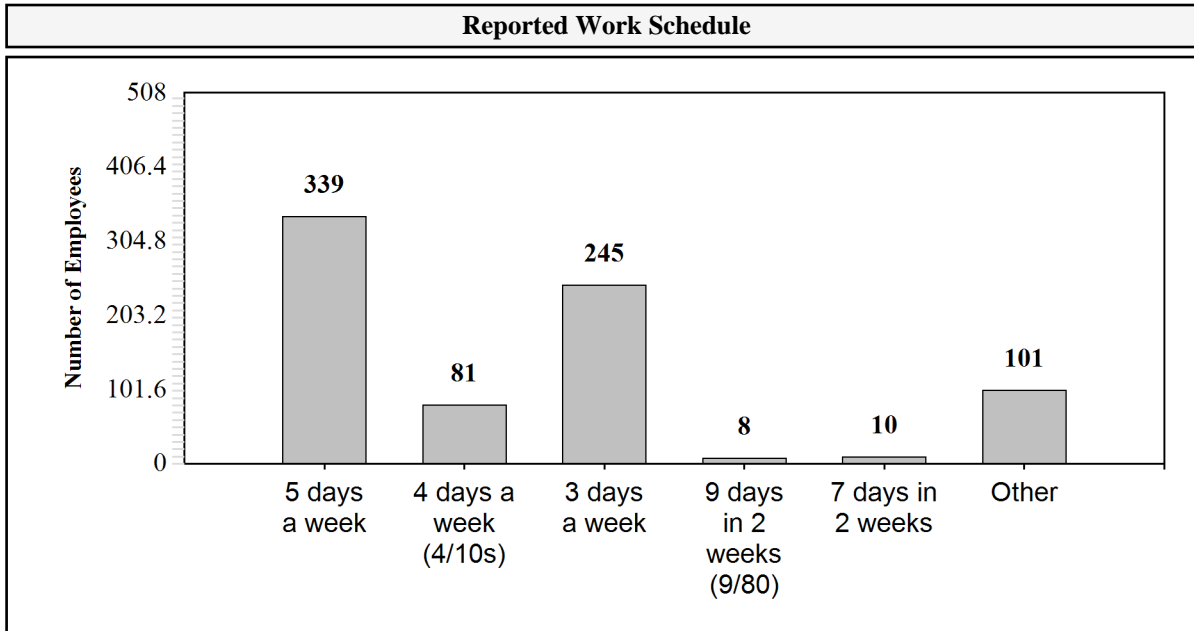
Q.4 If you used a carpool or vanpool as part of your commute, how many people (age 16 or older) are usually in the vehicle?

Ridesharing Occupancy	Mode	Response Count
2*	Carpool	332
3	Carpool	35
4	Carpool	3
5	Carpool	3
>5	Carpool	5
<5	Vanpool	13
5	Vanpool	10
6	Vanpool	12
7	Vanpool	5
8	Vanpool	0
9	Vanpool	0
10	Vanpool	8
11	Vanpool	0
12	Vanpool	5
13	Vanpool	0
14	Vanpool	1
>14	Vanpool	0

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

Reported Work Schedule - All Employees

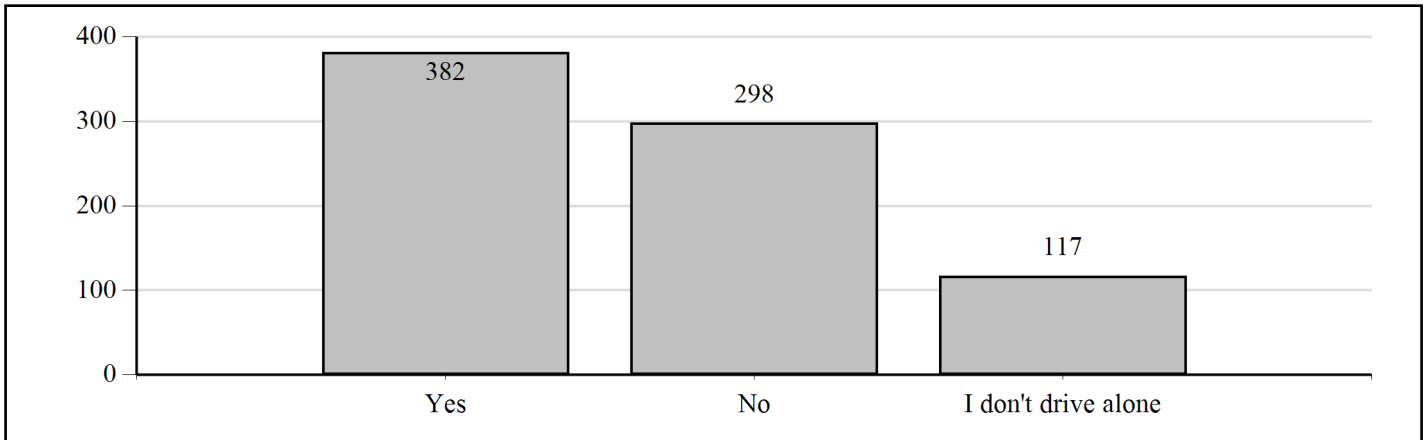
Q.8 Which of the following best describes your work schedule?



Reported Work Schedule	# Of Responses	% Of Employees
5 days a week	339	43.2%
4 days a week (4/10s)	81	10.3%
3 days a week	245	31.3%
9 days in 2 weeks (9/80)	8	1%
7 days in 2 weeks	10	1.3%
Other	101	12.9%

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	43	5.1%
I don't telework	703	83.9%
Occasionally, on an as-needed basis	47	5.6%
1-2 days/month	16	1.9%
1 day/week	9	1.1%
2 days/week	6	0.7%
3 days/week	14	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
Cost of parking or lack of parking	294	18.4%
To save money	263	16.4%
Free or subsidized bus, train, vanpool pass or fare benefit	239	14.9%
Environmental and community benefits	153	9.6%
Other	137	8.6%
Personal health or well-being	128	8.0%
Financial incentives for carpooling, bicycling or walking.	116	7.2%
To save time using the HOV lane	96	6.0%
Driving myself is not an option	60	3.7%
I have the option of teleworking	38	2.4%
Emergency ride home is provided	34	2.1%
Preferred/reserved carpool/vanpool parking is provided	28	1.7%
I receive a financial incentive for giving up my parking space	15	0.9%

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	490	27.9%
I like the convenience of having my car	371	21.1%
Family care or similar obligations	314	17.9%
Other	253	14.4%
Bicycling or walking isn't safe	105	6.0%
My job requires me to use my car for work	83	4.7%
My commute distance is too short	75	4.3%
I need more information on alternative modes	51	2.9%
There isn't any secure or covered bicycle parking	16	0.9%

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
98118	47	5.61%	139	26	0	9	47	6	0	0	1	13	0	0	0
98122	40	4.77%	16	12	0	0	17	0	19	118	4	3	0	0	6
98144	28	3.34%	53	2	0	4	33	0	16	25	0	1	0	0	2
98133	24	2.86%	41	12	5	4	23	0	0	0	0	3	0	0	0
98115	19	2.27%	54	3	0	4	15	0	0	0	7	4	0	0	0
98126	19	2.27%	43	10	0	1	16	0	1	1	2	9	0	0	0
98146	18	2.15%	46	10	0	3	14	0	0	0	0	0	0	0	0
98026	17	2.03%	38	18	0	0	5	0	0	0	8	6	0	0	1
98031	16	1.91%	39	11	0	0	11	10	0	0	0	0	0	0	0
98058	16	1.91%	61	0	0	0	5	2	0	0	1	8	0	0	0
98103	16	1.91%	39	9	0	0	11	0	0	0	0	0	0	0	3
98106	16	1.91%	44	6	0	0	16	0	0	0	0	7	0	2	5
98178	16	1.91%	40	19	0	0	13	0	0	0	0	0	0	0	0
98102	15	1.79%	24	3	0	0	3	0	10	22	0	4	0	0	0
98108	15	1.79%	19	25	0	0	17	1	0	2	0	4	0	0	0
98012	14	1.67%	38	2	2	0	20	0	0	0	0	1	0	0	0
98027	14	1.67%	55	1	0	0	1	4	0	0	0	0	0	0	1
98117	14	1.67%	41	4	0	0	7	0	5	0	0	0	0	0	0
98125	14	1.67%	31	13	0	0	12	0	5	0	0	1	0	0	2
98198	14	1.67%	35	10	0	0	10	3	0	0	1	0	0	0	0
98168	13	1.55%	31	8	0	0	24	0	0	0	1	0	0	0	1
98036	12	1.43%	23	2	10	0	13	0	0	0	0	0	0	0	0
98116	12	1.43%	38	9	0	0	5	0	0	0	2	0	0	0	1
98136	12	1.43%	30	6	0	0	4	0	2	0	0	5	0	0	0
98105	11	1.31%	21	3	0	0	11	0	3	5	2	0	0	0	0
98109	10	1.19%	5	6	0	0	13	2	0	15	0	0	0	0	1



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
98166	10	1.19%	25	0	0	0	9	1	0	0	0	4	0	0	0
98208	10	1.19%	46	0	0	0	0	0	0	0	0	7	0	0	0
98003	9	1.07%	26	5	0	0	10	0	0	0	0	0	0	0	0
98030	9	1.07%	18	8	0	2	3	11	0	0	0	8	0	0	0
98032	9	1.07%	28	5	0	0	7	0	0	0	0	3	0	0	0
98092	9	1.07%	20	3	0	0	0	11	0	0	0	0	0	0	0
98107	9	1.07%	20	9	0	0	7	0	0	2	0	2	0	0	0
98021	8	0.95%	23	1	3	2	0	0	0	0	1	0	0	0	0
98023	8	0.95%	26	4	0	0	5	0	0	0	0	0	0	0	0
98087	8	0.95%	29	0	0	0	6	0	0	0	1	1	0	0	0
98112	8	0.95%	25	2	0	0	0	0	3	4	0	0	0	0	6
98119	8	0.95%	20	1	0	0	3	0	0	0	1	6	0	0	7
98040	7	0.84%	28	5	0	0	0	0	0	0	0	0	0	0	0
98055	7	0.84%	26	5	0	0	0	0	0	0	0	6	0	0	0
98104	7	0.84%	2	3	0	0	7	0	0	21	0	2	0	0	0
98110	7	0.84%	0	0	0	0	0	0	0	0	0	0	3	21	0
98155	7	0.84%	13	5	5	0	5	0	0	0	0	0	0	0	0
98177	7	0.84%	12	1	10	0	7	0	0	0	0	5	0	0	0
98199	7	0.84%	25	1	0	0	5	0	0	0	0	3	0	0	0
98001	6	0.72%	18	9	0	0	0	0	0	0	0	0	0	0	0
98006	6	0.72%	15	4	0	0	0	0	0	0	0	2	0	0	0
98038	6	0.72%	16	0	0	0	0	0	0	0	0	0	0	0	5
98042	6	0.72%	22	0	5	0	0	0	0	0	0	0	0	0	0
98057	6	0.72%	15	0	0	0	0	0	0	0	0	0	0	0	2
98121	6	0.72%	14	0	0	0	16	0	0	3	0	0	0	0	1
98188	6	0.72%	21	5	0	0	0	0	0	0	0	0	0	0	1
	5	0.60%	12	3	0	0	10	2	0	0	0	0	0	0	0
98004	5	0.60%	6	9	0	0	5	0	0	0	0	4	0	0	0
98029	5	0.60%	21	0	0	0	2	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
98034	5	0.60%	21	0	0	0	0	0	0	0	0	2	0	0	0
98043	5	0.60%	17	0	3	0	5	0	0	0	2	0	0	0	0
98203	5	0.60%	14	2	0	1	1	0	0	0	0	2	0	0	0
98275	5	0.60%	3	0	0	0	10	0	0	0	7	0	0	0	0
98296	5	0.60%	10	3	0	0	5	0	5	0	0	0	0	0	0
98002	4	0.48%	9	5	0	0	5	0	0	0	0	0	0	0	0
98024	4	0.48%	16	0	0	0	0	0	0	0	0	5	0	0	0
98070	4	0.48%	0	5	2	0	0	0	0	0	3	0	0	4	0
98101	4	0.48%	5	0	0	0	3	2	0	3	0	4	0	0	0
98204	4	0.48%	2	0	5	0	2	0	0	0	0	5	0	0	0
98270	4	0.48%	13	0	0	0	3	0	0	0	0	0	0	0	0
98370	4	0.48%	0	0	0	0	0	0	0	0	0	1	2	15	0
98406	4	0.48%	5	0	0	0	0	6	0	0	0	4	0	0	0
98011	3	0.36%	7	0	0	0	5	0	0	0	0	0	0	0	0
98020	3	0.36%	6	5	0	0	0	1	0	0	0	3	0	0	0
98037	3	0.36%	7	3	3	0	0	0	0	0	0	0	0	0	0
98052	3	0.36%	9	5	0	0	4	0	0	0	0	0	0	0	0
98056	3	0.36%	3	2	1	0	2	0	0	0	2	0	0	0	0
98059	3	0.36%	10	0	0	0	5	0	0	0	0	0	0	0	0
98075	3	0.36%	16	0	0	0	0	0	0	0	0	0	0	0	0
98271	3	0.36%	3	8	0	0	0	0	0	0	0	0	0	0	0
98407	3	0.36%	3	0	0	0	0	12	0	0	0	0	0	0	0
98408	3	0.36%	5	0	0	0	11	0	0	0	0	0	0	0	0
98007	2	0.24%	3	0	0	0	3	0	0	0	0	0	0	0	0
98008	2	0.24%	10	0	0	0	0	0	0	0	0	0	0	0	0
98019	2	0.24%	10	0	0	0	0	0	0	0	0	0	0	0	0
98022	2	0.24%	3	3	0	0	0	0	0	0	0	4	0	0	0
98028	2	0.24%	3	0	0	0	5	0	0	0	0	0	0	0	0
98033	2	0.24%	0	0	0	0	6	0	0	0	0	7	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
98065	2	0.24%	8	0	0	0	0	0	0	0	0	0	0	0	0
98072	2	0.24%	7	0	0	0	0	0	0	0	0	0	0	0	0
98074	2	0.24%	8	0	0	0	0	0	0	0	0	4	0	0	0
98201	2	0.24%	4	0	0	0	2	1	0	0	0	0	0	0	0
98258	2	0.24%	6	0	0	0	4	0	0	0	0	0	0	0	0
98312	2	0.24%	0	0	0	0	3	0	0	0	0	4	0	3	0
98359	2	0.24%	6	0	0	0	0	0	0	0	0	0	0	2	0
98366	2	0.24%	0	0	0	0	0	0	0	0	0	0	1	9	0
98372	2	0.24%	3	0	0	0	0	3	0	0	0	2	0	0	0
98373	2	0.24%	4	0	0	0	0	1	0	0	0	4	0	0	0
98374	2	0.24%	0	0	0	0	0	10	0	0	0	0	0	0	0
98375	2	0.24%	1	0	0	0	0	7	0	0	0	0	0	0	1
98392	2	0.24%	0	0	0	0	0	0	0	0	0	0	0	3	3
98409	2	0.24%	5	0	0	0	0	5	0	0	0	0	0	0	0
98465	2	0.24%	4	3	0	0	0	0	0	0	0	2	0	0	0
98466	2	0.24%	6	0	0	0	0	0	0	0	0	0	3	0	0
09118	1	0.12%	0	5	0	0	0	0	0	0	0	0	0	0	0
38106	1	0.12%	1	5	0	0	0	0	0	0	0	0	0	0	0
91899	1	0.12%	3	0	0	0	0	0	0	0	0	0	0	0	0
98005	1	0.12%	3	0	0	0	0	0	0	0	0	4	0	0	0
98010	1	0.12%	3	0	0	0	0	0	0	0	0	0	0	0	0
98015	1	0.12%	4	0	0	0	0	0	0	0	0	0	0	0	0
98045	1	0.12%	5	0	0	0	0	0	0	0	0	0	0	0	0
98051	1	0.12%	0	0	0	0	0	5	0	0	0	0	0	0	0
98053	1	0.12%	5	0	0	0	0	0	0	0	0	0	0	0	0
98077	1	0.12%	0	0	0	0	5	0	0	0	0	0	0	0	0
98148	1	0.12%	3	0	0	0	0	0	0	0	0	0	0	0	0
98223	1	0.12%	0	0	0	0	0	3	0	0	0	0	0	0	0
98225	1	0.12%	4	0	0	0	0	0	0	0	0	3	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
98277	1	0.12%	0	4	0	0	0	0	0	0	0	0	0	0	0
98282	1	0.12%	3	0	0	0	0	0	0	0	0	2	0	0	0
98292	1	0.12%	3	0	0	0	1	0	0	0	0	0	0	0	0
98310	1	0.12%	0	0	0	0	0	0	0	0	0	0	0	0	5
98311	1	0.12%	0	0	0	0	0	0	0	0	0	0	0	7	0
98346	1	0.12%	0	0	0	0	0	0	0	0	0	0	0	5	0
98362	1	0.12%	2	0	0	0	0	0	0	0	0	0	1	0	0
98363	1	0.12%	3	0	0	0	0	0	0	0	0	4	0	0	0
98367	1	0.12%	0	0	0	0	0	0	0	0	0	0	7	0	0
98391	1	0.12%	0	0	0	0	0	5	0	0	0	0	0	0	0
98404	1	0.12%	1	0	0	0	0	4	0	0	0	0	0	0	0
98405	1	0.12%	5	0	0	0	0	0	0	0	0	0	0	0	0
98424	1	0.12%	0	0	0	0	0	5	0	0	0	0	0	0	0
98443	1	0.12%	2	0	0	0	5	0	0	0	0	0	0	0	0
98444	1	0.12%	5	0	0	0	0	0	0	0	0	0	0	0	0
98445	1	0.12%	4	0	0	0	0	0	0	0	0	1	0	0	0
98467	1	0.12%	0	0	0	0	5	0	0	0	0	0	0	0	0
98498	1	0.12%	5	0	0	0	0	0	0	0	0	0	0	0	0
98589	1	0.12%	2	2	0	0	0	0	0	0	3	0	0	0	0
98802	1	0.12%	1	0	0	0	0	0	0	0	0	0	0	0	0
99205	1	0.12%	0	0	0	0	0	0	0	0	5	0	0	0	0

CTR Employer Survey Report

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

Employer Id : E85696

Participation : CTR

Employer : LabCorp/Dynacare

Status : Affected

Worksite : Providence

Survey Type : Paper

Street : 1229 Madison St

Response Rate : 88%

Jurisdiction : City of Seattle

Survey Date : 10/10/2017

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

Non-Drive Alone Rate : 43.1%

Drive Alone Rate : 56.9%

One-Way VMT per employee : 13.5

Average One-Way distance home to work : 20.7

Employees and Survey Response Information

Reported Total Employees at Worksite: 428

Surveys Distributed : 197

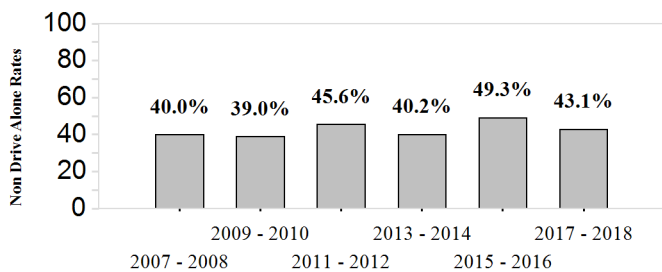
Surveys Returned : 174

Surveys Returned by CTR Affected* Employees : 140

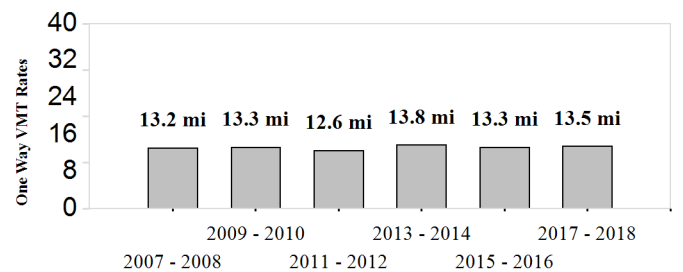
Total Estimated CTR Affected Employees at Worksite : 159

*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

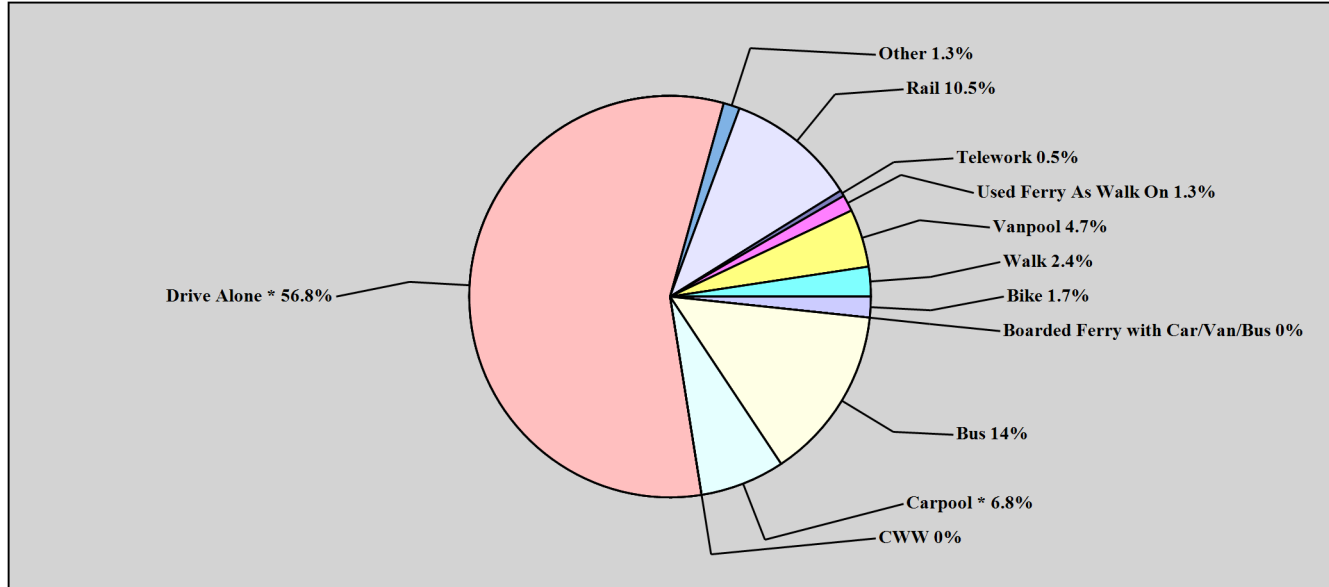
Cycle	Non Drive Alone Rate - All	Non Drive Alone Rate - CTR Affected	Emissions for Surveyed Employees	Estimated Emissions for Total Employment	GHG per Employee's Roundtrip	VMT per Employee - All	VMT per Employee - CTR Affected
2007 - 2008	40.0%	49.3%	982	1389	28.6	13.2	11.3
2009 - 2010	39.0%	50.8%	1308	1711	35.2	13.3	11.2
2011 - 2012	45.6%	55.5%	838	1127	23.2	12.6	10.4
2013 - 2014	40.2%	47.5%	889	1320	27.2	13.8	12.5
2015 - 2016	49.3%	52.7%	524	1201	24.7	13.3	12.5
2017 - 2018	43.1%	45.8%	501	1232	25.4	13.5	13.2
Target	N/A				Target:	56.0	
% Point Change Target:	N/A				% Change Target:	324.2%	
% Point Change from Baseline:	3.1				% Change from Baseline:	2.3%	

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



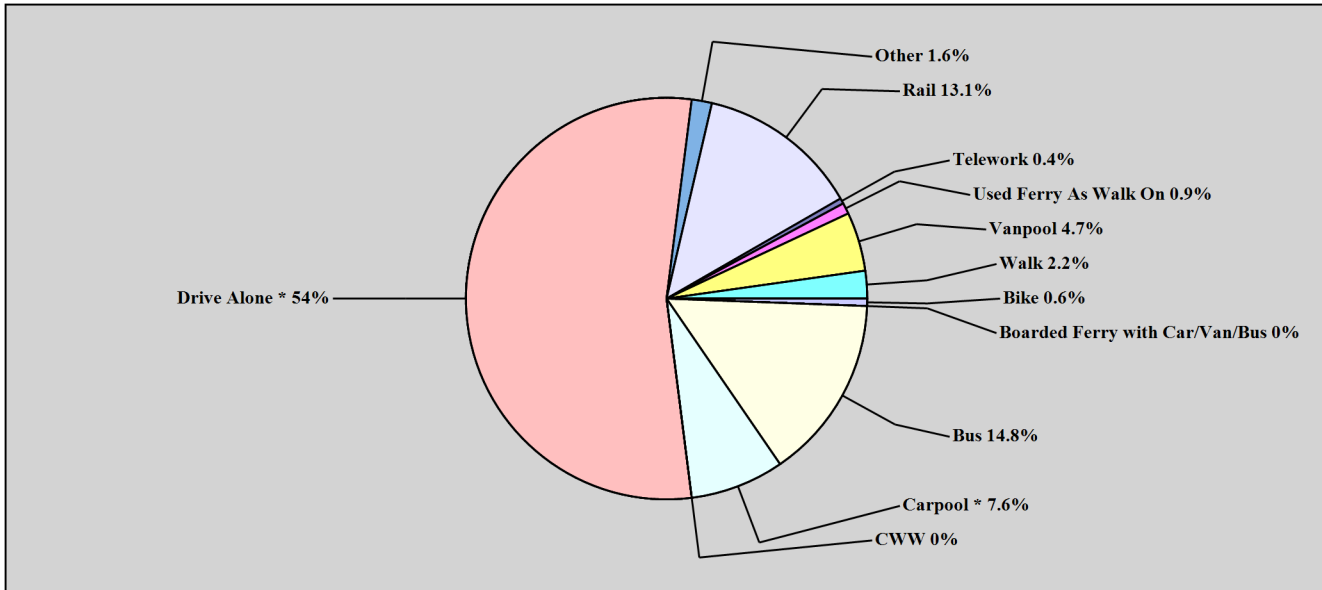
Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	475	56.8%	50.4%	108	62.1%	56.8%
Carpool *	57	6.8%	10.4%	19	10.9%	12.5%
Vanpool	39	4.7%	4.5%	9	5.2%	5.2%
Bus	117	14.0%	14.2%	26	14.9%	17.2%
Rail	88	10.5%	13.7%	22	12.6%	15.1%
Bike	14	1.7%	1.1%	3	1.7%	1.6%
Walk	20	2.4%	3.0%	4	2.3%	3.1%
Telework	4	0.5%	0.4%	3	1.7%	1.6%
CWW	0	0.0%	0.0%	0	0.0%	0.0%
Boarded Ferry with Car/Van/Bus	0	0.0%	0.6%	0	0.0%	0.5%
Used Ferry As Walk On	11	1.3%	1.1%	3	1.7%	1.0%
Other	11	1.3%	0.5%	3	1.7%	0.5%

* 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 *	364	54.0%	46.8%	83	59.3%	53.2%
Carpool *	51	7.6%	10.5%	16	11.4%	12.7%
Vanpool	32	4.7%	5.0%	7	5.0%	5.7%
Bus	100	14.8%	15.8%	22	15.7%	19.0%
Rail	88	13.1%	15.3%	22	15.7%	16.5%
Bike	4	0.6%	1.3%	1	0.7%	1.9%
Walk	15	2.2%	2.1%	3	2.1%	2.5%
Telework	3	0.4%	0.5%	2	1.4%	1.9%
CWW	0	0.0%	0.0%	0	0.0%	0.0%
Boarded Ferry with Car/Van/Bus	0	0.0%	0.8%	0	0.0%	0.6%
Used Ferry As Walk On	6	0.9%	1.3%	2	1.4%	1.3%
Other	11	1.6%	0.7%	3	2.1%	0.6%

* 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	93	53%	174	100%
1 Days	4	2%	81	47%
2 Days	4	2%	77	44%
3 Days	7	4%	73	42%
4 Days	11	6%	66	38%
5 Days	50	29%	55	32%
6 or More Days	5	3%	5	3%

Count by Occupancy of Carpools and Vanpools

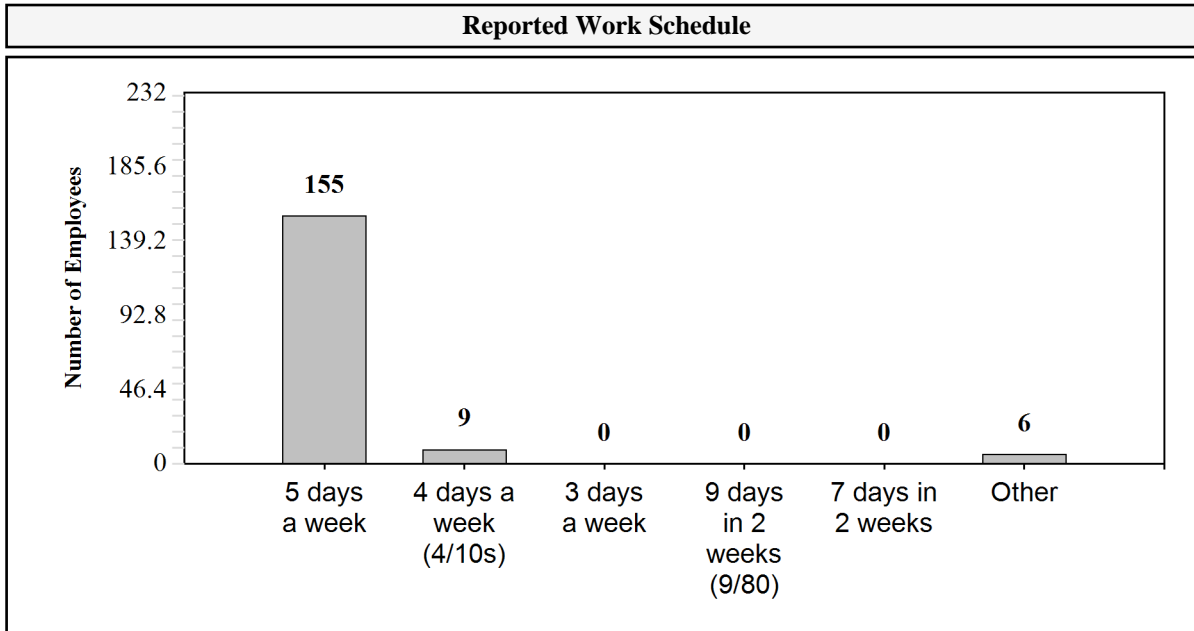
Q.4 If you used a carpool or vanpool as part of your commute, how many people (age 16 or older) are usually in the vehicle?

Ridesharing Occupancy	Mode	Response Count
2*	Carpool	44
3	Carpool	7
4	Carpool	4
5	Carpool	0
>5	Carpool	1
<5	Vanpool	7
5	Vanpool	15
6	Vanpool	12
7	Vanpool	5
8	Vanpool	0
9	Vanpool	0
10	Vanpool	0
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

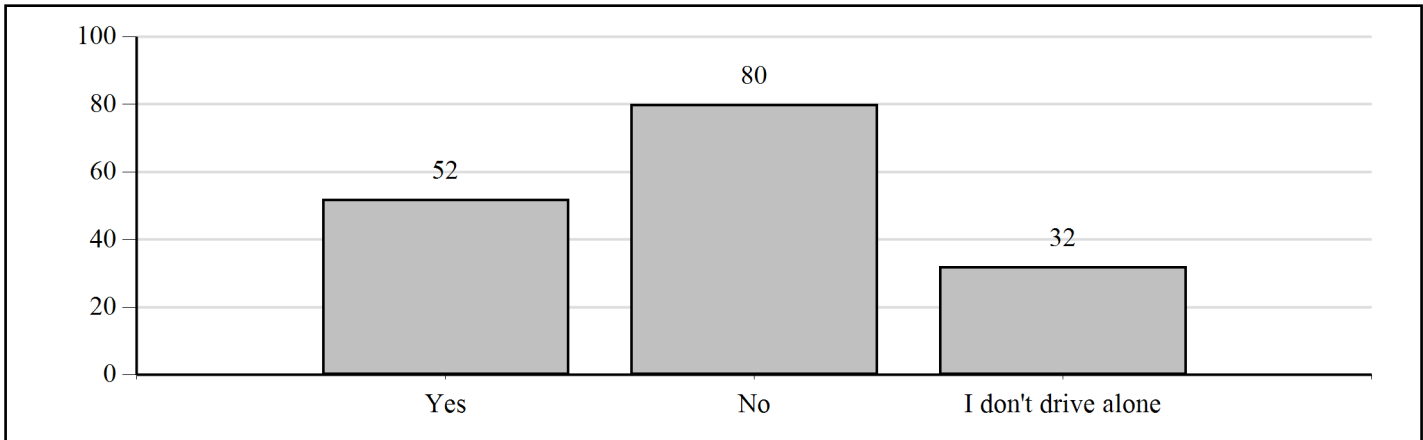
Q.8 Which of the following best describes your work schedule?



Reported Work Schedule	# Of Responses	% Of Employees
5 days a week	155	91.2%
4 days a week (4/10s)	9	5.3%
3 days a week	0	0%
9 days in 2 weeks (9/80)	0	0%
7 days in 2 weeks	0	0%
Other	6	3.5%

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	8	4.6%
I don't telework	154	88.5%
Occasionally, on an as-needed basis	8	4.6%
1-2 days/month	2	1.1%
1 day/week	1	0.6%
2 days/week	1	0.6%
3 days/week	0	0.0%

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
Cost of parking or lack of parking	63	20.8%
Free or subsidized bus, train, vanpool pass or fare benefit	61	20.1%
To save money	53	17.5%
Financial incentives for carpooling, bicycling or walking.	17	5.6%
To save time using the HOV lane	17	5.6%
Driving myself is not an option	17	5.6%
Other	17	5.6%
Personal health or well-being	16	5.3%
Environmental and community benefits	16	5.3%
Emergency ride home is provided	13	4.3%
Preferred/reserved carpool/vanpool parking is provided	7	2.3%
I have the option of teleworking	5	1.7%
I receive a financial incentive for giving up my parking space	1	0.3%

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	107	29.9%
I like the convenience of having my car	96	26.8%
Family care or similar obligations	56	15.6%
Other	44	12.3%
My job requires me to use my car for work	15	4.2%
I need more information on alternative modes	14	3.9%
Bicycling or walking isn't safe	13	3.6%
My commute distance is too short	11	3.1%
There isn't any secure or covered bicycle parking	2	0.6%

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
98103	7	4.02%	26	0	0	0	8	0	0	0	0	0	0	0	0
98001	6	3.45%	16	0	5	0	0	9	0	0	0	0	0	0	0
98198	6	3.45%	19	5	0	0	0	5	0	0	0	0	0	0	0
98133	5	2.87%	10	0	0	0	14	0	0	0	0	0	0	0	0
98026	4	2.30%	10	3	3	0	5	0	0	0	0	0	0	0	0
98030	4	2.30%	5	2	0	0	0	8	0	0	0	0	0	0	0
98037	4	2.30%	10	2	0	1	4	0	0	0	0	0	0	0	0
98043	4	2.30%	10	5	0	0	4	0	0	0	0	0	0	0	0
98055	4	2.30%	15	0	5	0	0	0	0	0	0	0	0	0	0
98056	4	2.30%	19	0	0	0	0	0	0	0	0	0	0	0	0
98115	4	2.30%	20	0	0	0	0	0	0	0	0	0	0	0	0
	3	1.72%	5	4	0	0	0	0	0	0	0	0	0	0	0
98031	3	1.72%	5	0	0	0	0	10	0	0	0	0	0	0	0
98036	3	1.72%	3	4	0	4	5	0	0	0	0	0	0	0	0
98038	3	1.72%	11	0	0	0	5	0	0	0	1	0	0	0	0
98042	3	1.72%	17	0	0	0	0	0	0	0	0	0	0	0	0
98087	3	1.72%	10	0	0	0	5	0	0	0	0	0	0	0	0
98107	3	1.72%	5	0	0	5	0	0	0	0	0	0	0	0	0
98110	3	1.72%	5	0	0	0	0	0	0	0	0	0	5	0	0
98112	3	1.72%	7	0	0	0	2	0	4	5	0	0	0	0	0
98125	3	1.72%	15	0	0	0	0	0	0	0	0	0	0	0	0
98148	3	1.72%	13	0	0	0	0	0	0	0	0	0	0	0	0
98155	3	1.72%	15	0	0	0	0	0	0	0	0	0	0	0	0
98188	3	1.72%	3	2	7	0	0	0	0	0	0	0	0	0	0
98424	3	1.72%	14	0	0	0	0	0	0	0	0	0	0	0	0
98002	2	1.15%	0	0	0	0	0	5	0	0	0	0	0	0	5



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
98023	2	1.15%	7	0	0	0	5	0	0	0	0	0	0	0	0
98032	2	1.15%	6	0	0	0	0	5	0	0	0	0	0	0	0
98092	2	1.15%	8	0	0	0	0	3	0	0	0	0	0	0	0
98104	2	1.15%	0	0	0	0	0	5	7	0	0	0	0	0	0
98106	2	1.15%	10	0	0	0	0	0	0	0	0	0	0	0	0
98144	2	1.15%	0	1	0	0	0	0	0	10	0	0	0	0	0
98166	2	1.15%	7	0	0	0	0	0	3	0	0	0	0	0	0
98168	2	1.15%	0	5	5	0	0	0	0	0	0	0	0	0	0
98178	2	1.15%	10	0	0	0	0	0	0	0	0	0	0	0	0
98199	2	1.15%	10	0	0	0	0	0	0	0	0	0	0	0	0
98203	2	1.15%	5	0	0	0	0	1	0	0	0	0	0	0	4
98374	2	1.15%	1	0	0	0	0	7	0	0	2	0	0	0	0
03680	1	0.57%	0	5	0	0	0	0	0	0	0	0	0	0	0
11 8	1	0.57%	5	0	0	0	0	0	0	0	0	0	0	0	0
78389	1	0.57%	0	0	0	0	5	0	0	0	0	0	0	0	0
98006	1	0.57%	0	0	0	0	5	0	0	0	0	0	0	0	0
98007	1	0.57%	0	5	0	0	0	0	0	0	0	0	0	0	0
98011	1	0.57%	5	0	0	0	0	0	0	0	0	0	0	0	0
98012	1	0.57%	5	0	0	0	0	0	0	0	0	0	0	0	0
98019	1	0.57%	5	0	0	0	0	0	0	0	0	0	0	0	0
98020	1	0.57%	0	0	4	0	0	0	0	0	0	0	0	0	0
98022	1	0.57%	0	0	0	0	0	3	0	0	0	0	0	0	2
98027	1	0.57%	5	0	0	0	0	0	0	0	0	0	0	0	0
98028	1	0.57%	0	0	0	0	5	0	0	0	0	0	0	0	0
98029	1	0.57%	5	0	0	0	0	0	0	0	0	0	0	0	0
98033	1	0.57%	5	0	0	0	0	0	0	0	0	0	0	0	0
98047	1	0.57%	5	0	0	0	0	0	0	0	0	0	0	0	0
98053	1	0.57%	0	0	0	0	5	0	0	0	0	0	0	0	0
98059	1	0.57%	5	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
98074	1	0.57%	5	0	0	0	0	0	0	0	0	0	0	0	0
98101	1	0.57%	2	0	0	0	0	0	0	0	0	0	0	0	0
98108	1	0.57%	0	0	0	0	7	0	0	0	0	0	0	0	0
98117	1	0.57%	0	0	0	0	5	0	0	0	0	0	0	0	0
98118	1	0.57%	5	0	0	0	0	0	0	0	0	0	0	0	0
98119	1	0.57%	0	0	0	0	5	0	0	0	0	0	0	0	0
98121	1	0.57%	5	0	0	0	0	0	0	0	0	0	0	0	0
98122	1	0.57%	0	0	0	0	0	0	0	5	0	0	0	0	0
98124	1	0.57%	5	0	0	0	0	0	0	0	0	0	0	0	0
98126	1	0.57%	0	0	0	0	5	0	0	0	0	0	0	0	0
98136	1	0.57%	4	0	0	0	0	0	0	0	0	0	0	0	0
98177	1	0.57%	4	0	0	0	0	0	0	0	0	0	0	0	0
98204	1	0.57%	1	0	0	0	4	0	0	0	0	0	0	0	0
98208	1	0.57%	5	0	0	0	0	0	0	0	1	0	0	0	0
98258	1	0.57%	5	0	0	0	0	0	0	0	0	0	0	0	0
98272	1	0.57%	0	0	0	0	5	0	0	0	0	0	0	0	0
98296	1	0.57%	0	5	0	0	0	0	0	0	0	0	0	0	0
98310	1	0.57%	0	0	0	0	0	0	0	0	0	0	0	1	0
98332	1	0.57%	5	0	0	0	0	0	0	0	0	0	0	0	0
98335	1	0.57%	0	0	0	0	0	5	0	0	0	0	0	0	0
98337	1	0.57%	0	0	0	0	0	0	0	0	0	0	0	5	0
98346	1	0.57%	0	0	5	0	0	0	0	0	0	0	0	0	0
98349	1	0.57%	0	0	0	0	5	0	0	0	0	0	0	0	0
98360	1	0.57%	2	0	0	0	0	3	0	0	0	0	0	0	0
98370	1	0.57%	0	0	0	0	0	0	0	0	0	0	0	0	0
98371	1	0.57%	0	0	0	0	0	5	0	0	0	0	0	0	0
98373	1	0.57%	0	0	5	0	0	0	0	0	0	0	0	0	0
98390	1	0.57%	0	0	0	0	0	5	0	0	0	0	0	0	0
98391	1	0.57%	1	0	0	0	0	4	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
98404	1	0.57%	2	3	0	0	0	0	0	0	0	0	0	0	0
98407	1	0.57%	1	0	0	0	2	2	0	0	0	0	0	0	0
98408	1	0.57%	1	3	0	0	0	0	0	0	0	0	0	0	0
98445	1	0.57%	5	0	0	0	0	0	0	0	0	0	0	0	0
98498	1	0.57%	5	0	0	0	0	0	0	0	0	0	0	0	0
98502	1	0.57%	2	0	0	0	0	3	0	0	0	0	0	0	0
98512	1	0.57%	2	0	0	0	2	0	0	0	0	0	0	0	0
99136	1	0.57%	2	2	0	0	0	0	0	0	0	0	0	0	0