

CTR Employer Survey Report

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

Employer Id : E13102

Employer : WA State LEOFF Plan 2
Retirement Board

Worksite :

Street : 2100 Evergreen Park Dr Sw

Jurisdiction : City of Olympia

Survey Type : Online

Survey Date : 6/12/2015

Response Rate : 100%

Drive Alone & One-Way VMT Rates at this Worksite

Employees and Survey Response Information

Drive Alone : 77.1%

Reported Total Employees at Worksite: 7

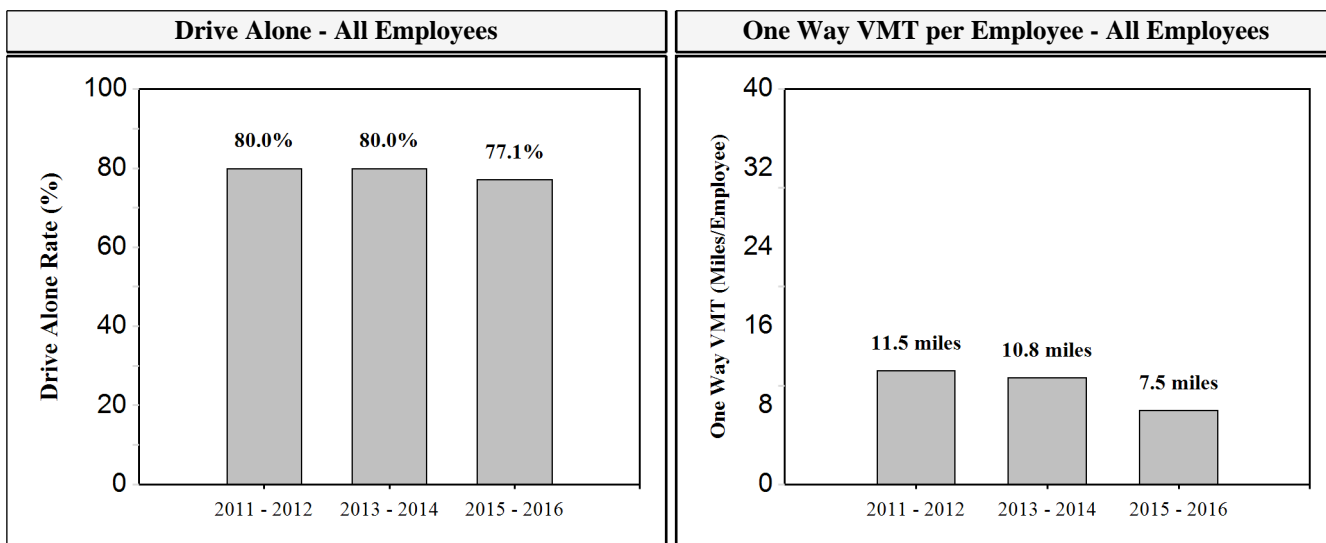
Surveys Distributed : 7

One-Way VMT per employee : 7.5

Surveys Returned : 7

Surveys Returned by CTR Affected Employees : 7

Total Estimated CTR - Affected Employees at Worksite : 7



Site History and Goal

| Cycle | Drive Alone - All | Drive Alone - CTR Affected | VMT / Employee - All | VMT / Employee - CTR Affected |
|----------------|-------------------|----------------------------|----------------------|-------------------------------|
| 2007 - 2008 | N/A | N/A | N/A | N/A |
| 2009 - 2010 | N/A | N/A | N/A | N/A |
| 2011 - 2012 | 80.0% | 73.7% | 11.5 | 13.5 |
| 2013 - 2014 | 80.0% | 73.3% | 10.8 | 11.1 |
| 2015 - 2016 | 77.1% | 77.1% | 7.5 | 7.5 |
| 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 | -3.6% | 4.6% | -34.8% | -44.4% |

Comparison Between Rates With and Without Fill-In

The survey response rate is indicated on Page 1. To encourage a response rate of at least 70%, additional drive alone trips are added to survey results for worksites with a response rate of less than 70%. For these worksites it is assumed that non-responding employees between the actual response rate and 70% drive alone 5 days a week. These additional trips represent the "Fill-In" applied. Note that fill-in is not applied to a worksite's first survey in the 2007 to 2012 cycle (their baseline survey).

| | 2011 - 2012 | 2013 - 2014 | 2015 - 2016 |
|--|-------------|-------------|-------------|
| Drive Alone - All Employees* | 80.0% | 80.0% | 77.1% |
| Drive Alone - CTR Affected Employees* | 73.7% | 73.3% | 77.1% |
| VMT/Employee - All Employees | 11.5 | 10.8 | 7.5 |
| VMT/Employees - CTR Affected Employees | 13.5 | 11.1 | 7.5 |

* Drive alone rate includes one person motorcycles.

Congratulations! You achieved a survey response rate of 70% or higher on this survey. Fill-in comparison for previous surveys, if applicable, are included in the chart above.

GHG Emissions: Total for Drive Alone, Carpools, Vanpools

Annual Greenhouse Gas Emissions (Metric Tons CO₂e) for Roundtrip Commute*

| Value | 2011 - 2012 | 2013 - 2014 | 2015 - 2016 |
|--|-------------|-------------|-------------|
| Emissions for Surveyed Employees | 13 | 19 | 11 |
| Estimated Emissions for Total Employment | 13 | 19 | 11 |

* 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) | 2011 - 2012 | 2013 - 2014 | 2015 - 2016 |
|--|-------------|-------------|-------------|
| Bus Annual Passenger Miles - Estimated for Total Employment | 0 | 0 | 0 |
| Bus Annual Passenger Miles - Surveyed Employees | 0 | 0 | 0 |
| Ferry Annual Passenger Miles - Estimated for Total Employment | 0 | 0 | 0 |
| Ferry Annual Passenger Miles - Surveyed Employees | 0 | 0 | 0 |
| Train/Light Rail/Streetcar Annual Passenger Miles - Estimated for Total Employment | 0 | 0 | 0 |
| Train/Light Rail/Streetcar Annual Passenger Miles - Surveyed Employees | 0 | 0 | 0 |

* Transit passenger miles can be used to gauge changes in transit usage, and also to calculate greenhouse gas emissions from transit commute trips. However, emissions attributable to transit vary widely, depending on the efficiency/energy source of transit vehicles and transit vehicle passenger load (typically ranging from 0.1 to 0.9 pounds CO₂e emissions/passenger mile). Employers are strongly encouraged to contact their local transit agencies for more precise information on GHG emissions for their transit trips. If nothing else is available, the value of 0.47 pounds (0.00021 metric tons) per passenger mile can be used to estimate CO₂e emissions for bus transit, and 0.39 pounds (0.00018 metric tons) CO₂e emissions per passenger mile for train/light rail/streetcar.

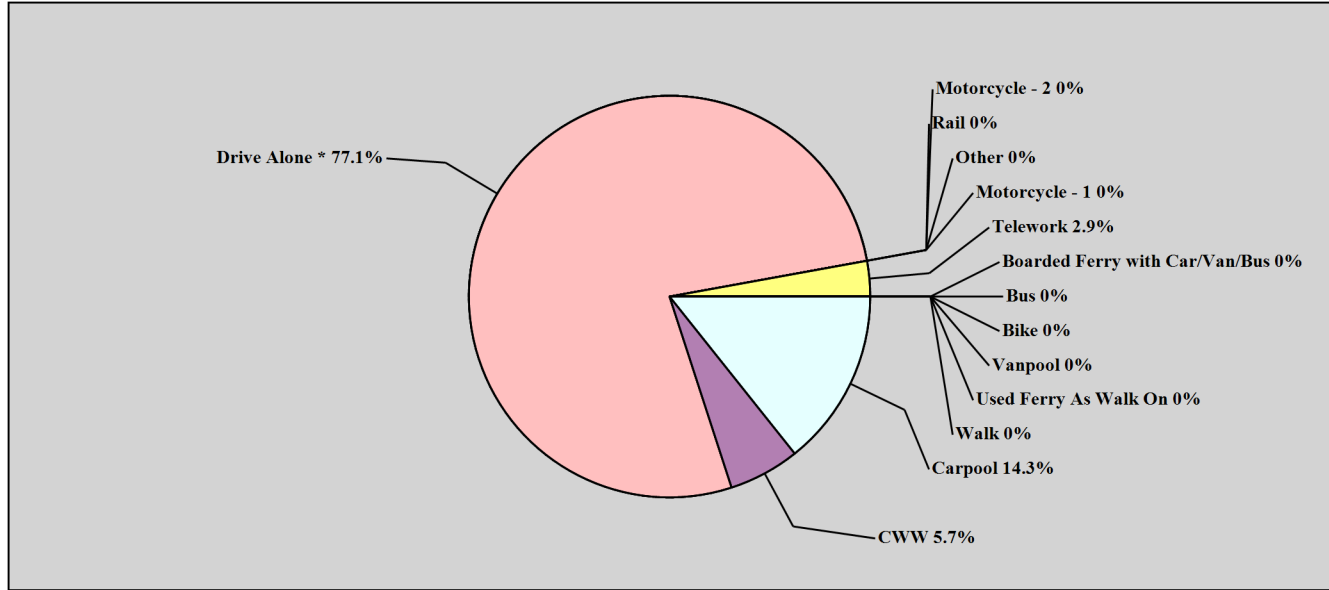
Q3. One way, how many miles do you commute from home to your usual work location?

Average one-way distance home to work: 8.9 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



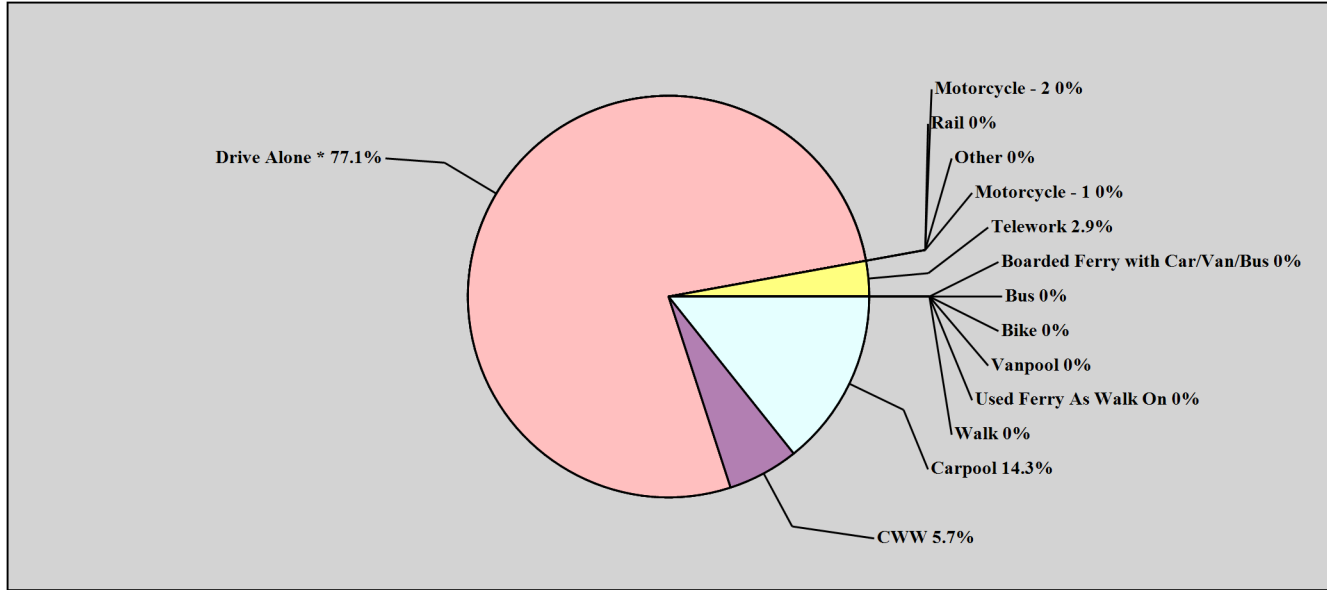
| Mode | Trips During This Survey Week | % of Trips During This Survey Week | % of Trips During Previous Survey Week | Employees Who Used This Mode at Least Once During This Survey Week | % of Employees Who Used This Mode at Least Once During This Survey Week | % of Employees Who Used This Mode at Least Once During Previous Survey Week |
|--------------------------------|-------------------------------|------------------------------------|--|--|---|---|
| Drive Alone * | 27 | 77.1% | 80.0% | 6 | 85.7% | 87.5% |
| Carpool | 5 | 14.3% | 20.0% | 1 | 14.3% | 25.0% |
| Vanpool | 0 | 0.0% | 0.0% | 0 | 0.0% | 0.0% |
| Motorcycle - 1 | 0 | 0.0% | 0.0% | 0 | 0.0% | 0.0% |
| Motorcycle - 2 | 0 | 0.0% | 0.0% | 0 | 0.0% | 0.0% |
| Bus | 0 | 0.0% | 0.0% | 0 | 0.0% | 0.0% |
| Rail | 0 | 0.0% | 0.0% | 0 | 0.0% | 0.0% |
| Bike | 0 | 0.0% | 0.0% | 0 | 0.0% | 0.0% |
| Walk | 0 | 0.0% | 0.0% | 0 | 0.0% | 0.0% |
| Telework | 1 | 2.9% | 0.0% | 1 | 14.3% | 0.0% |
| CWW | 2 | 5.7% | 0.0% | 2 | 28.6% | 0.0% |
| 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 | 0 | 0.0% | 0.0% | 0 | 0.0% | 0.0% |

* 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 * | 27 | 77.1% | 73.3% | 6 | 85.7% | 83.3% |
| Carpool | 5 | 14.3% | 26.7% | 1 | 14.3% | 33.3% |
| Vanpool | 0 | 0.0% | 0.0% | 0 | 0.0% | 0.0% |
| Motorcycle - 1 | 0 | 0.0% | 0.0% | 0 | 0.0% | 0.0% |
| Motorcycle - 2 | 0 | 0.0% | 0.0% | 0 | 0.0% | 0.0% |
| Bus | 0 | 0.0% | 0.0% | 0 | 0.0% | 0.0% |
| Rail | 0 | 0.0% | 0.0% | 0 | 0.0% | 0.0% |
| Bike | 0 | 0.0% | 0.0% | 0 | 0.0% | 0.0% |
| Walk | 0 | 0.0% | 0.0% | 0 | 0.0% | 0.0% |
| Telework | 1 | 2.9% | 0.0% | 1 | 14.3% | 0.0% |
| CWW | 2 | 5.7% | 0.0% | 2 | 28.6% | 0.0% |
| 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 | 0 | 0.0% | 0.0% | 0 | 0.0% | 0.0% |

* 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 | 3 | 43% | 7 | 100% |
| 1 Days | 3 | 43% | 4 | 57% |
| 2 Days | 0 | 0% | 1 | 14% |
| 3 Days | 0 | 0% | 1 | 14% |
| 4 Days | 0 | 0% | 1 | 14% |
| 5 Days | 1 | 14% | 1 | 14% |
| 6 or More Days | 0 | 0% | 0 | 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 | 3 | 60% | 1 | 20% | 0 | 0% | 1 | 20% | 0 | 0% | 0 | 0% | 0 | 0% | 0 | 0% | 1 | 20% |
| 4 days a week (4/10s) | 0 | 0% | 0 | 0% | 0 | 0% | 0 | 0% | 0 | 0% | 0 | 0% | 0 | 0% | 0 | 0% | 0 | 0% |
| 3 days a week | 0 | 0% | 0 | 0% | 0 | 0% | 0 | 0% | 0 | 0% | 0 | 0% | 0 | 0% | 0 | 0% | 0 | 0% |
| 9 days in 2 weeks (9/80) | 0 | 0% | 2 | 100% | 0 | 0% | 0 | 0% | 0 | 0% | 0 | 0% | 0 | 0% | 0 | 0% | 0 | 0% |
| 7 days in 2 weeks | 0 | 0% | 0 | 0% | 0 | 0% | 0 | 0% | 0 | 0% | 0 | 0% | 0 | 0% | 0 | 0% | 0 | 0% |
| Other | 0 | 0% | 0 | 0% | 0 | 0% | 0 | 0% | 0 | 0% | 0 | 0% | 0 | 0% | 0 | 0% | 0 | 0% |

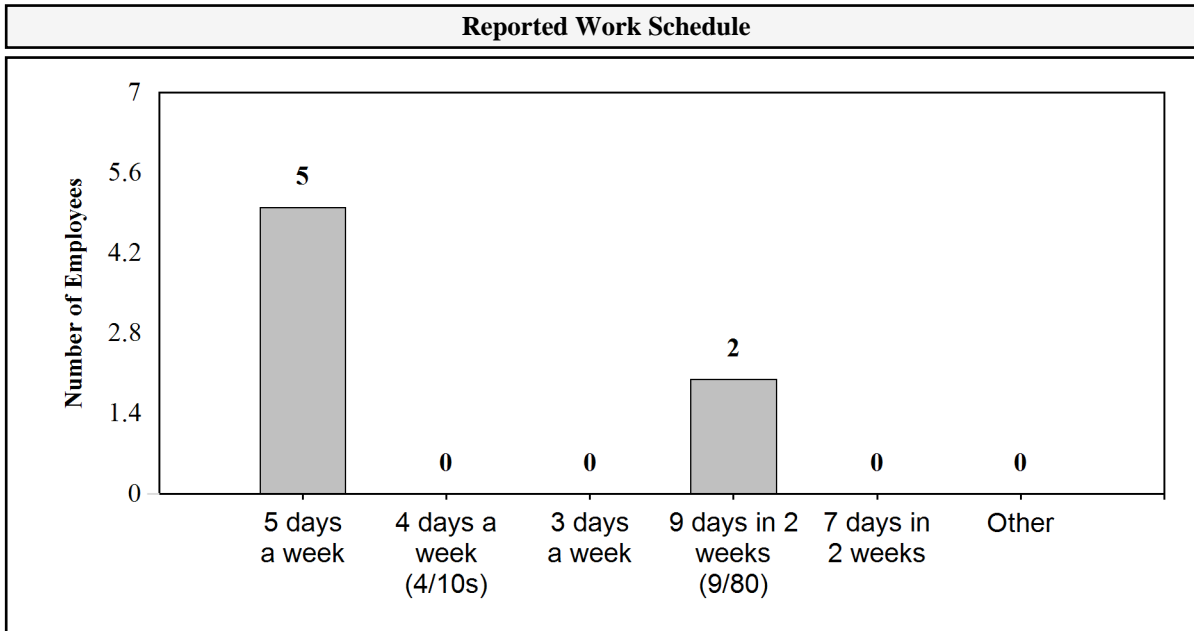
Count by Occupancy of Carpools, Vanpools, and Motorcycles

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 | 0 |
| 2 | Motorcycle | 0 |
| 2 | Carpool | 5 |
| 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 |
| 15 | Vanpool | 0 |

Reported Work Schedule - All Employees

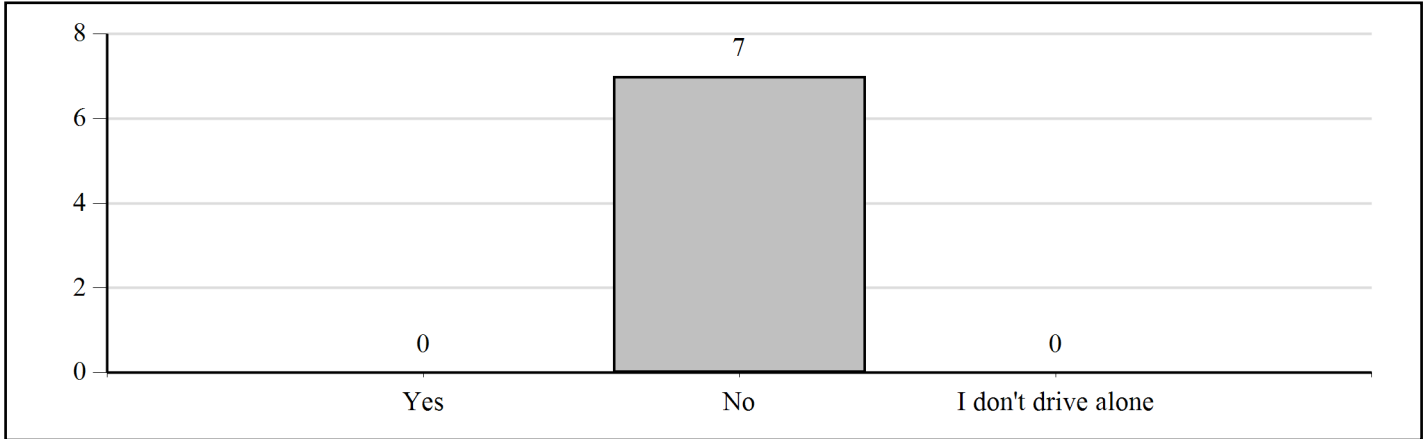
Q.5 Which of the following best describes your work schedule?



| Reported Work Schedule | # Of Responses | % Of Employees |
|--------------------------|----------------|----------------|
| 5 days a week | 5 | 71.4% |
| 4 days a week (4/10s) | 0 | 0% |
| 3 days a week | 0 | 0% |
| 9 days in 2 weeks (9/80) | 2 | 28.6% |
| 7 days in 2 weeks | 0 | 0% |
| Other | 0 | 0% |

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 | 5 | 71.4% |
| Occasionally, on an as-needed basis | 1 | 14.3% |
| 1-2 days/month | 1 | 14.3% |
| 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 |
|--|----------------|----------------|
| Financial incentives for carpooling, bicycling or walking. | 2 | 15.4% |
| Personal health or well-being | 2 | 15.4% |
| To save money | 2 | 15.4% |
| I have the option of teleworking | 2 | 15.4% |
| Driving myself is not an option | 2 | 15.4% |
| Free or subsidized bus, train, vanpool pass or fare benefit | 1 | 7.7% |
| Environmental and community benefits | 1 | 7.7% |
| Other | 1 | 7.7% |
| Cost of parking or lack of parking | 0 | 0.0% |
| To save time using the HOV lane | 0 | 0.0% |
| Emergency ride home is provided | 0 | 0.0% |
| 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 |
|---|----------------|----------------|
| My commute distance is too short | 5 | 26.3% |
| Family care or similar obligations | 4 | 21.1% |
| I like the convenience of having my car | 4 | 21.1% |
| Riding the bus or train is inconvenient or takes too long | 3 | 15.8% |
| Other | 3 | 15.8% |
| I need more information on alternative modes | 0 | 0.0% |
| My job requires me to use my car for work | 0 | 0.0% |
| Bicycling or walking isn't safe | 0 | 0.0% |
| There isn't any secure or covered bicycle parking | 0 | 0.0% |

Employee Transit Use - All Employees

Q 13. Please indicate the number of one-way transit or walk-on ferry trips you took last week on each system listed below (for any purpose, not just getting to and from work). Please select "Other" if your transit isn't listed.

| Trips/Week | Employees Making This Many Transit Trips in a Week | | | | | | | | | |
|--------------------------------------|--|-----------------|-------------------|-------------------|----------------|----------------|---------------|----------------------------------|------------------|-------|
| | Community Transit | Everett Transit | Intercity Transit | King County Metro | Kitsap Transit | Pierce Transit | Sound Transit | Whatcom Transportation Authority | Ferry as Walk-On | Other |
| 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11 or more | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| # Of Employees using Transit | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total One-Way Transit Trips Per Week | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Employee Transit Use - Affected Employees

Q 13. Please indicate the number of one-way transit or walk-on ferry trips you took last week on each system listed below (for any purpose, not just getting to and from work). Please select "Other" if your transit isn't listed.

| Trips/Week | Employees Making This Many Transit Trips in a Week | | | | | | | | | |
|--------------------------------------|--|-----------------|-------------------|-------------------|----------------|----------------|---------------|----------------------------------|------------------|-------|
| | Community Transit | Everett Transit | Intercity Transit | King County Metro | Kitsap Transit | Pierce Transit | Sound Transit | Whatcom Transportation Authority | Ferry as Walk-On | Other |
| 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11 or more | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| # Of Employees using Transit | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total One-Way Transit Trips Per Week | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

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 |
| 98338 | 1 | 14.29% | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 98501 | 1 | 14.29% | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 98503 | 2 | 28.57% | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 98512 | 3 | 42.86% | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 |