TRI☺MET

EMPLOYEE COMMUTE OPTIONS - Ninth Follow-up Survey Results
Pacific University - Faculty & Staff - Forest Grove
2043 College Way
Forest Grove, OR. 97116

Employee population (Eco-affected)	**506**
Questionnaires returned (Out of 506)	**378**
Response rate	**75%**

<u>Survey</u>	<u>Date</u>	<u>Auto Trip Rate</u>
Baseline	**Aug-97**	**81%**
First Follow-up	**May-01**	**78%**
Second Follow-up	**Dec-02**	**77%**
Third Follow-up	**Oct-04**	**75%**
Fourth Follow-up	**Oct-06**	**73%**
Fifth Follow-up	**Jun-07**	**66%**
Sixth Follow-up	**May-09**	**71%**
Seventh Follow-up	**May-11**	**69%**
Eigth Follow-up	**May-13**	**71%**
Ninth Follow-up	**Oct-15**	**76%**

<u>Three year ECO goal (10% reduction in Baseline auto trip rate)</u>

Auto trip rate goal	**73%**
Weekly auto trips to reduce	**88**

This report summarizes your employees' responses to the Employee Commute Options survey. The results identify the modes of transportation your employees use to commute to your worksite and the number of weekly auto trips their choices generate. This report assumes that your company will need to comply with the Department of Environmental Quality's Employee Commute Options (ECO) Rule that targets a 10% reduction in auto trips taken to the worksite.

Weekly Employee Trips

The table below shows the number of employee trips TO this worksite during the week prior to the survey.

Number of trips	Total Weekly Trips	Drove alone	Carpool/Vanpool (by # of people in Carpool)						Bus/ Max	Bike	Walk	Bike+ Walk	Tele- Commute	Com- pressed Work Wk.
			2	3	4	5	6+	Total						
Reported	1807	1320	101	31	4	0	0	136	**90**	54	173	227	20	14
Total*	2419	1767	135	41	5	0	0	182	**120**	72	232	304	27	19
Total Auto Trips*	1850	1767	68	14	1	0	0	83	**0**	0	0	0	0	0
Percentage of Total Trips														
Baseline		74%	12%	3%	0%	0%	0%	15%	**1.4%**	--	--	10%	0%	0%
First Follow-up		75%	5%	0%	0%	0%	0%	6%	**4.3%**	--	--	14%	1%	1%
Second Follow-up		74%	7%	1%	0%	0%	0%	8%	**3.2%**	--	--	11%	2%	2%
Third Follow-up		72%	6%	2%	0%	0%	0%	8%	**3.8%**	3%	11%	14%	2%	1%
Fourth Follow-up		68%	10%	1%	0%	0%	0%	10%	**5.9%**	2%	11%	13%	2%	1%
Fifth Follow-up		63%	5%	1%	0%	0%	0%	7%	**10.7%**	5%	12%	17%	2%	1%
Sixth Follow-up		67%	7%	0%	0%	0%	0%	8%	**8.8%**	3%	11%	14%	1%	1%
Seventh Follow-up		66%	6%	0%	0%	0%	0%	6%	**11.7%**	4%	11%	15%	1%	1%
Eigth Follow-up		69%	4%	1%	0%	0%	0%	4%	**7.0%**	5%	13%	18%	1%	1%
Ninth Follow-up		73%	6%	2%	0%	0%	0%	8%	**5.0%**	3%	10%	13%	1%	1%
Change from baseline**		-1%	-6%	-1%	0%	0%	0%	-7%	**3.6%**	3%	10%	3%	1%	1%

*Adjusted to ECO-affected employees, N= 506.

**In percentage points, (Current Survey - Baseline). Figures may not add up due to rounding.

Auto Trip Rate

The chart below tracks the auto trip rate for your company. The ECO Goal indicates the auto trip rate needed to achieve ECO compliance.
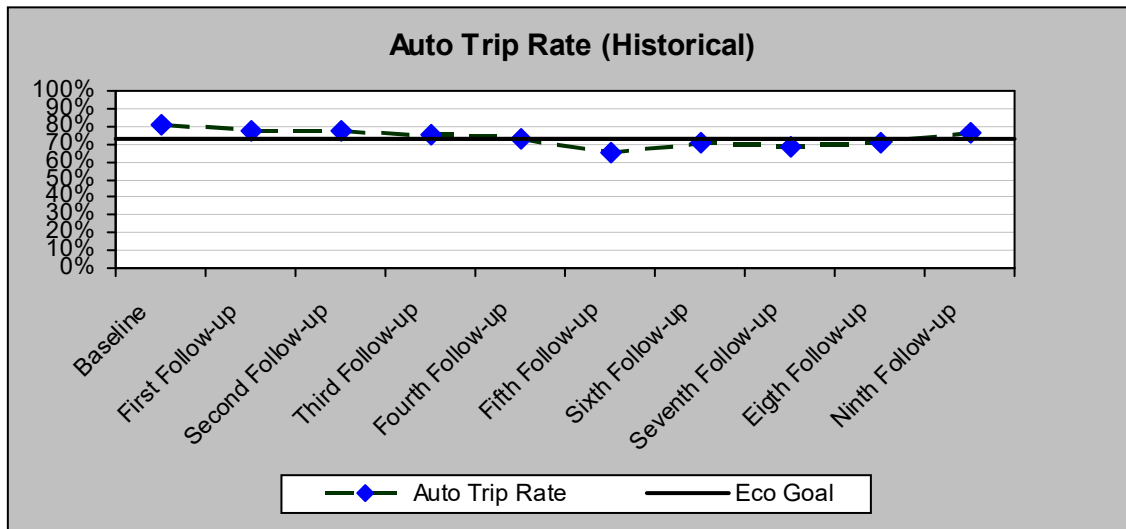
Number of Employees Riding Bus/Max

The table below shows the number of employees* who commuted using Bus/MAX and the number of days they commuted on bus/MAX during the week prior to the survey.

Employees Riding Bus/Max, (N=35)	Number of Days							Total
	One	Two	Three	Four	Five	Six	Seven	
Number	7	3	5	8	12	0	0	35
Percent	19%	8%	15%	23%	35%	0%	0%	100%

*Adjusted to ECO-affected employees, N= 506.

Reasons for Driving Alone

The table below gives reasons why your drive alone employees* chose that commute method.

Reasons	Percentage
Need car for errands	40%
Saves time	18%
No one to carpool with	15%
No bus/MAX where I live	13%
Irregular work schedule	5%
Drop off children	3%
Need car for work	2%
Want car for emergencies	2%
No bus/MAX where I work	1%
Buses don't run during hours I commute to/from work	0%
Saves money	0%

*Only those employees who drove alone to work are captured in this table. N=307

Alternative Transportation Incentives

The table below indicates incentives that might encourage your drive alone employees* to try an alternative commute method.

Reasons	Percentage
Compressed work week (4 ten-hour days, etc.)	20%
Guaranteed ride home for personal emergencies	13%
Telecommuting (work at home part of week)	8%
Reserved parking for carpools or vanpools	7%
Incentives for carpools or vanpools (free lunch, discount coupons, etc.)	6%
Flex-time (employee chooses schedule)	4%
Employer pays part of cost of a Tri-Met pass	3%
Secure bike lockers or racks	2%
Express bus from park & ride lot to work	1%
Help finding carpool or vanpool partners	1%
Employer provided van for vanpool	1%
Company car available for work travel	1%
Orientation and personal bus/MAX trip planning	0%
Showers for bike riders or walkers	0%
Tri-Met passes sold at work	0%
Transportation bulletin board	0%

*Only those employees who drove alone to work are captured in this table. N=307

Technical Notes

Definitions

1. "Trips" are generated by people in their movement from one point to another. The trips that are recorded in this survey are trips people take to work (one way). For example, an employee working five days per week generates 5 trips. Any of those 5 trips that consist of auto usage are the trips that are targeted for a 10-percent reduction by the ECO Rule.

2. "Carpool or vanpool" - Two or more persons in a car or van traveling to work.

3. "Telecommute" - Work done at home during regular work hours, rather than at the usual worksite. (Represents a trip not taken to the workplace.)

4. "Compressed work week" - A day off work because a full-time schedule is worked in less than 5 days per week, e.g., four 10-hour days. (Represents a trip not taken to the work place.)

Assumption

The trip-reduction calculations in this report assume employees who did not complete the survey have the same commuting patterns as those who did complete the survey.

Fluctuations between Baseline and current survey

Change in number of employees:	
Change in ECO eligible employees	304
Change in number of respondents	227
Percentage point change in rate of return	0%

Calculations

1. "Baseline auto trip rate" was calculated your baseline year's data:

Total auto trips / Total trips = Auto trip rate
693   /   856   =   81%

2. "Three year goal" (10% reduction in autotrip rate):

Baseline auto trip rate * 90% = Target auto trip rate
81%   * 0.90 =   73%

3. "Weekly auto trips to reduce":

Current auto trips - (Target auto trip rate   * Current total trips) = Weekly auto trips to reduce
1850   - (73%   *   2419   ) =   88