

1999 Puget Sound Transportation Panel Survey

Wave 8

Personal Survey

Transportation, Land Use and Technology Issues that Affect You

Dear Puget Sound Transportation Panel Member:

Please complete this survey in addition to the travel diaries. The questions contained in this survey are different from those asked on the travel diaries or on the telephone. The information will be used to assist in the refinement of the region's Metropolitan Transportation Plan. There is a great deal of interest in your opinions on the part of both local and state transportation researchers and planners.

It is important that each member of the household 16 years and older fill out a separate questionnaire. The questions concern each individual's *personal* perception and understanding of the region's transportation and land use issues. Since individuals, even within a single household, may have unique transportation habits and/or attitudes, it is important that each person complete their own survey.

One individual in the household will find an extra page attached to their questionnaire. This page contains questions about the household and needs to be filled out only once. When you have finished, please return the questionnaires in the enclosed postage-paid envelope. Do **not** return your travel diary with this questionnaire. If you have not already been contacted by phone for your travel diary information, you will be soon.

Sincerely,

Robert Sicko
Project Manager, Puget Sound Regional Council

1999 Puget Sound Transportation Panel Survey

ABOUT YOUR HOUSEHOLD

This form to be completed by one person in the household

A) Which of the following pieces of equipment are used in your home? (Check all that apply)

A	Portable cellular telephone	1 <input type="checkbox"/>
B	Fax machine	2 <input type="checkbox"/>
C	Video cassette recorder (VCR)	3 <input type="checkbox"/>

D	Desktop computer	4 <input type="checkbox"/>
E	Portable computer (laptop or palmtop)	5 <input type="checkbox"/>
F	None of these	6 <input type="checkbox"/>

B) To which of the following services does your household currently subscribe? For those you use, enter the total average amount paid per month for that service. (Check all that apply and enter the average monthly fee paid.)

Average
monthly
fee paid

A	Cable TV	1 <input type="checkbox"/>	\$ _____
B	Satellite TV	2 <input type="checkbox"/>	\$ _____
C	On-line services, or Internet access	3 <input type="checkbox"/>	\$ _____
D	Cellular telephone services	4 <input type="checkbox"/>	\$ _____
E	Custom calling services (call waiting, call forwarding, three-way calling, speed calling, caller ID, etc.)	5 <input type="checkbox"/>	\$ _____
F	Pager services	6 <input type="checkbox"/>	\$ _____
G	Special subscription information services (stock prices, news services, etc.)	7 <input type="checkbox"/>	\$ _____
H	None of these	8 <input type="checkbox"/>	n/a

C) What is your estimate of how much it costs to operate all the vehicles in your household for one year (include insurance, loan payment, gas, oil, maintenance, etc.)? (check only one)

A	No Cars	1 <input type="checkbox"/>
B	Less than \$1,000	2 <input type="checkbox"/>
C	\$1,001 to \$3,000	3 <input type="checkbox"/>
D	\$3,001 to \$5,000	4 <input type="checkbox"/>

E	\$5,001 to \$8,000	5 <input type="checkbox"/>
F	\$8,001 to \$12,000	6 <input type="checkbox"/>
G	\$12,001 to \$16,000	7 <input type="checkbox"/>
H	Greater than \$16,000	8 <input type="checkbox"/>

D) Have you or anyone in your household purchased anything from the Internet over the past six months? 1 ☐ Yes 2 ☐ No

a) If you have made a purchase over the Internet, approximately how much have you spent? \$ _____

b) What were the main reasons for making a purchase over the Internet? (check all that apply)

A	Price	1 <input type="checkbox"/>
B	Convenience	2 <input type="checkbox"/>

C	Not available locally	3 <input type="checkbox"/>
D	Other: (specify) _____	4 <input type="checkbox"/>

E) Below are several different factors which other people have said influenced their decision to live where they do. Please choose the **three** factors that influenced where you chose to live by entering the appropriate letter into the boxes below.

Most Important 2nd Most Important 3rd Most Important

A	Price of house
B	School district
C	Proximity to work
D	Community/Neighborhood
E	Proximity to services (e.g., shopping, health care, etc.)
F	Perceived safety
G	Lot size
H	Convenient commute to work
I	Other: (specify) _____

Personal Survey

Transportation, Land Use and Technology Issues that Affect You

This Personal Survey is for:

- 1) One topic that has received a lot of attention recently is traffic congestion. Do you believe that the state and local governments have adequate financial resources to meet transportation needs?
 1 ☐ Yes 2 ☐ No
- 2) When beginning your commute, if you knew that you would be caught in traffic congestion due to an incident, would you . . . (check only one)
 1 ☐ Take an alternate route 3 ☐ Switch mode of travel 5 ☐ Not do anything different
 2 ☐ Delay your departure time 4 ☐ Not make the trip
- 3) What level of a gas price **increase** would prompt you to drive less? (check only one)
 1 ☐ 10 cents per gallon 3 ☐ 25 to 50 cents per gallon 5 ☐ Price has no affect
 2 ☐ 11 to 25 cents per gallon 4 ☐ More than 50 cents per gallon
- 4) For each of the following, please circle a number between zero and ten to indicate what you personally think about the statement. A ten would mean that you agree completely, while a zero would mean that you disagree completely. A five would imply that you're neutral.

		Disagree Completely				Neutral				Agree Completely			
		0	1	2	3	4	5	6	7	8	9	10	
A	The roads I use to travel on have been paid for and I shouldn't have to pay more to use them.	0	1	2	3	4	5	6	7	8	9	10	
B	There are enough alternatives to driving alone.	0	1	2	3	4	5	6	7	8	9	10	
C	Existing roads and bridges should be adequately maintained before building new ones.	0	1	2	3	4	5	6	7	8	9	10	
D	Growth should be focused in ways that preserve existing rural areas.	0	1	2	3	4	5	6	7	8	9	10	
E	Enough is being done to address the transportation needs of the young, elderly, disabled and low-income populations.	0	1	2	3	4	5	6	7	8	9	10	
F	Highway improvements do not adequately consider the effects on the environment.	0	1	2	3	4	5	6	7	8	9	10	
G	The message signs on the freeways are useful.	0	1	2	3	4	5	6	7	8	9	10	
H	The region and/or my community is as pedestrian and bicycle-friendly as it should be.	0	1	2	3	4	5	6	7	8	9	10	
I	We need to improve the movement of freight and goods (truck and rail), while minimizing the effects on my personal travel.	0	1	2	3	4	5	6	7	8	9	10	
J	Our transportation investments adequately address the issues of where people work, live or shop.	0	1	2	3	4	5	6	7	8	9	10	
K	The quality of life around here is getting better.	0	1	2	3	4	5	6	7	8	9	10	
L	Future growth should be concentrated in already developed areas.	0	1	2	3	4	5	6	7	8	9	10	
M	Highway improvements do not adequately consider the effects on the economy.	0	1	2	3	4	5	6	7	8	9	10	
N	Growth is out of control.	0	1	2	3	4	5	6	7	8	9	10	
O	We should only enforce HOV lanes during the peak period.	0	1	2	3	4	5	6	7	8	9	10	
P	It is a good idea to convert old railroad rights-of-way to bike paths and walkways.	0	1	2	3	4	5	6	7	8	9	10	
Q	It is appropriate to allow roads to become congested in certain areas if this slows further development.	0	1	2	3	4	5	6	7	8	9	10	
R	Reducing congestion should be the primary goal of transportation plans.	0	1	2	3	4	5	6	7	8	9	10	
S	It is important to have an adequate supply of low and moderate income and special needs housing throughout the region.	0	1	2	3	4	5	6	7	8	9	10	
T	Traffic congestion is as bad as everyone says.	0	1	2	3	4	5	6	7	8	9	10	
U	The streets in my neighborhood are well maintained.	0	1	2	3	4	5	6	7	8	9	10	
V	The state's Growth Management Act should be toughened.	0	1	2	3	4	5	6	7	8	9	10	
W	Traffic reports are usually accurate and reliable.	0	1	2	3	4	5	6	7	8	9	10	
X	Using the HOV/diamond lanes on freeways could (or does) save me a significant amount of travel time.	0	1	2	3	4	5	6	7	8	9	10	

5) For each of the following, please check one for "Yes" and two for "No."

		Yes	No
A	I am unaware of how transportation improvements are selected.	1 <input type="checkbox"/>	2 <input type="checkbox"/>
B	I use HOV lanes at least once a week.	1 <input type="checkbox"/>	2 <input type="checkbox"/>
C	I am aware that the region has a long range transportation plan.	1 <input type="checkbox"/>	2 <input type="checkbox"/>
D	I am concerned about how quickly gas prices can change.	1 <input type="checkbox"/>	2 <input type="checkbox"/>
E	I support developing a transportation system that emphasizes accessibility, choice, and efficiency.	1 <input type="checkbox"/>	2 <input type="checkbox"/>
F	At least twice a week, there's an unexpected delay on my commute route.	1 <input type="checkbox"/>	2 <input type="checkbox"/>

6) For each of the following statements, please circle a number between zero and ten to indicate your level of agreement with the statement. A ten would mean that you agree completely, while a zero would mean that you disagree completely. A five would imply that you're neutral.

		Disagree Completely			Neutral				Agree Completely			
		0	1	2	3	4	5	6	7	8	9	10
A	I seldom think about the annual cost to own and operate my vehicle.	0	1	2	3	4	5	6	7	8	9	10
B	There is still too much emphasis on suburb-to-central city travel and not enough on suburb-to-suburb or central city-to-suburb travel.	0	1	2	3	4	5	6	7	8	9	10
C	I think we have enough roads.	0	1	2	3	4	5	6	7	8	9	10
D	The current gas tax is adequate to finance transportation maintenance and improvements.	0	1	2	3	4	5	6	7	8	9	10
E	The gas tax should be used to finance improvements for all types of travel (roads, transit, ferry, walking and biking).	0	1	2	3	4	5	6	7	8	9	10
F	The money generated from the gas tax and vehicle licensing fees (MVET) are effectively used in improving our region's transportation system.	0	1	2	3	4	5	6	7	8	9	10
G	The state's vehicle licensing fees (MVET) provides sufficient monies for transportation maintenance and improvements.	0	1	2	3	4	5	6	7	8	9	10
H	Building more roads will solve the region's congestion problems.	0	1	2	3	4	5	6	7	8	9	10
I	We should have more walkways, bike lanes, trails and amenities (bike racks on buses and at park and ride lots).	0	1	2	3	4	5	6	7	8	9	10
J	We should remove HOV lanes entirely from our freeway system.	0	1	2	3	4	5	6	7	8	9	10
K	Controlling the availability and cost of parking will change people's travel behavior.	0	1	2	3	4	5	6	7	8	9	10
L	The gas tax should be increased for highway improvements.	0	1	2	3	4	5	6	7	8	9	10
M	The existing transportation system should be made more efficient without building more roadways.	0	1	2	3	4	5	6	7	8	9	10
N	Traffic congestion is as bad on the weekend as it is during the week.	0	1	2	3	4	5	6	7	8	9	10
O	The proposed Sound Transit light rail alignment from SeaTac to the University of Washington will help reduce congestion.	0	1	2	3	4	5	6	7	8	9	10
P	The expansion of the Sound Transit rail system should be in those communities whose long-range plans support light rail.	0	1	2	3	4	5	6	7	8	9	10
Q	More HOV lanes are needed in our region.	0	1	2	3	4	5	6	7	8	9	10
R	More passenger-only service should be added to our region's ferry system.	0	1	2	3	4	5	6	7	8	9	10
S	Peak period traffic congestion seems to be getting longer.	0	1	2	3	4	5	6	7	8	9	10
T	Additional funding to separate rail (freight and passenger) from local streets should be a high priority.	0	1	2	3	4	5	6	7	8	9	10
U	Much more emphasis should be placed on increasing highway and arterial capacity and building new roads.	0	1	2	3	4	5	6	7	8	9	10
V	Ramp metering on the freeway system improves my commute time.	0	1	2	3	4	5	6	7	8	9	10

7) For each of the following, please check one for "Yes" and two for "No."

		Yes	No
A	I am aware of how vehicle licensing fees (Motor Vehicle Excise Tax, (MVET)) are spent.	1 <input type="checkbox"/>	2 <input type="checkbox"/>
B	If it cost more to drive my car I would make fewer trips.	1 <input type="checkbox"/>	2 <input type="checkbox"/>
C	I would like to see transit and vanpool service increased in my neighborhood.	1 <input type="checkbox"/>	2 <input type="checkbox"/>
D	I am willing to change how I currently travel to work.	1 <input type="checkbox"/>	2 <input type="checkbox"/>
E	I will ride the new rail system if they provide attractive, safe, and convenient transit stops.	1 <input type="checkbox"/>	2 <input type="checkbox"/>
F	I don't know where to call to get telephone traffic reports.	1 <input type="checkbox"/>	2 <input type="checkbox"/>
G	I usually have to go to work/school during peak traffic periods.	1 <input type="checkbox"/>	2 <input type="checkbox"/>

8) For each of the following statements, please circle a number between zero and ten to indicate your level of agreement with the statement. A ten would mean that you agree completely, while a zero would mean that you disagree completely. A five would imply that you're neutral.

		Disagree Completely				Neutral				Agree Completely			
A	Puget Sound area traffic reports on the Internet are easy to obtain.	0	1	2	3	4	5	6	7	8	9	10	
B	I'm able to travel my regular route to work/school more quickly now than I could twelve months ago.	0	1	2	3	4	5	6	7	8	9	10	
C	I don't mind the delays so much if I can forecast accurately when I'm going to get there.	0	1	2	3	4	5	6	7	8	9	10	
D	I'd be prepared to pay \$10 a month to get accurate, up-to-the-minute reports for my specific routes.	0	1	2	3	4	5	6	7	8	9	10	
E	Using the Internet to check on Puget Sound area traffic problems is helpful in making travel decisions.	0	1	2	3	4	5	6	7	8	9	10	
F	If there's trouble on my normal route to work/school, I really don't have many good alternatives.	0	1	2	3	4	5	6	7	8	9	10	
G	It's easy for me to get bus route and schedule information if I need it.	0	1	2	3	4	5	6	7	8	9	10	
H	It's not worth spending much time checking on traffic conditions before leaving to go to work/school.	0	1	2	3	4	5	6	7	8	9	10	
I	It's not worth spending much time checking on traffic conditions before leaving from work/school.	0	1	2	3	4	5	6	7	8	9	10	

How do you usually travel?

9) Think about the means of travel you most often use when you travel to work or college and for non-work trips (shopping, school, recreation, etc.). Check all the types of transportation you use as part of your usual way of getting there.

		Work or College	Non-Work
A	Drive alone	01 <input type="checkbox"/>	01 <input type="checkbox"/>
B	Share a ride, carpool	02 <input type="checkbox"/>	02 <input type="checkbox"/>
C	Organized vanpool	03 <input type="checkbox"/>	03 <input type="checkbox"/>
D	Bus	04 <input type="checkbox"/>	04 <input type="checkbox"/>
E	School Bus	05 <input type="checkbox"/>	05 <input type="checkbox"/>
F	Ferry	06 <input type="checkbox"/>	06 <input type="checkbox"/>
G	Motorcycle	07 <input type="checkbox"/>	07 <input type="checkbox"/>
H	Bicycle	08 <input type="checkbox"/>	08 <input type="checkbox"/>
I	Walk (for at least 10 minutes)	09 <input type="checkbox"/>	09 <input type="checkbox"/>
J	Other means: (specify) _____	10 <input type="checkbox"/>	10 <input type="checkbox"/>

- 10) Which of these statements best describes your work hours (or the times you have to be at school or college)?
(check only one)

A	I have no flexibility in the times I have to be at work or school/college.	1 <input type="checkbox"/>
B	I can vary my starting and finishing times a bit, but not by more than 30 minutes.	2 <input type="checkbox"/>
C	I'm pretty much free to adjust my starting and finishing times as I like.	3 <input type="checkbox"/>

Information about traffic conditions:

- 11) Before you go to or leave from work (or school/college), which of the following do you do most days (that's at least three days out of every five)? (check only one for each item)

		Only before going to work	Only before leavi from work	Both before going and leaving fro. work	Never
A	Listen to traffic and transportation reports on the radio if so, which station? _____	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>
B	Watch or listen to traffic and transportation reports on local television If so, which channel? _____	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>
C	Make a telephone call to find out about traffic, or bus or ferry service	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>
D	Check transportation information on the World Wide Web	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>
E	Obtain travel information some other way: (specify) _____	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>

If you do NOT carpool or vanpool please answer Question 12, if you do, go to Question 13.

- 12) Here are some reasons why people choose **not** to go to work/school by carpool or vanpool on a regular basis. Choose the **three** reasons that most apply in your own case by entering the appropriate letter in the boxes below. You can write in your own reasons if they are more important than any listed here.

☐ Most Important ☐ 2nd Most Important ☐ 3rd Most Important

A	I have an irregular work schedule; I can't guarantee that I'll be going to work/school at the same time as other people each day.
B	I don't have a good alternative way to get home if I have to stay late at work.
C	I don't feel comfortable riding with strangers.
D	I've tried pooling in the past, and wasn't happy with it.
E	There's little opportunity on my route to save time by using HOV/diamond lanes.
F	I've looked for people to pool with, and can't find any on a regular basis.
G	I regularly have to stop off on the way for a personal errand or childcare need.
H	It's just too much extra hassle.
I	Other reason: (specify) _____

About your perceptions on transportation system improvements and land use decisions:

- 13) In the Puget Sound region, do you feel that not enough, enough or too much is being done to improve the following:
(check only one for each item)

		<i>Not Enough</i>	<i>Enough</i>	<i>Too Much</i>
A	Highway travel	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>
B	Transit service	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>
C	Ferry service	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>
D	Path and trail systems	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>
E	Reducing suburban sprawl	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>
F	Increasing the amount of affordable housing	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>

- 14) Who do you feel should make the decisions on transportation priorities in the region? Make up to **three** choices by putting the appropriate letter in the boxes below.

1st choice 2nd choice 3rd choice

A	The state legislature and the governor
B	Local elected officials
C	Special regional transportation authority
D	State department of transportation
E	Other: (specify) _____

- 15) One strategy that that will help increase transportation system efficiency is the managing of transportation demand. Transportation Demand Management (TDM) includes anything that makes the existing transportation system more efficient without building more roadways. Choose **three** actions that would be most agreeable to you by entering the appropriate letter into the boxes below.

Most Agreeable 2nd Most Agreeable 3rd Most Agreeable

A	Allow/encourage employers to provide compressed work week, flextime, telecommuting.
B	Allow/encourage employers to provide direct subsidies (i.e., transit pass, free HOV parking), transportation allowance or parking cash-out, or indirect incentives (i.e., local merchant discounts, reward points.)
C	Flexible transit fare programs such as lower fares for target groups, free ride zones, reduced fares through target corridors.
D	Transit service improvements such as added or changed routes, extended hours, increased frequency.
E	Build more/expand Park & Ride lots, provide amenities (shelters, benches, bicycle/pedestrian facilities.)
F	Provide more sidewalks/walkways, require pedestrian/bike friendly design in new development, build bike lanes/trails.
G	Control the availability and cost of parking.
H	Develop a rideshare placement agency, guaranteed ride home (motorpool or taxi), fleetride programs (provide cars for carpooling).
I	Prime parking locations offered by employer or school for carpools or vanpools.

- 16) Here are several different ways that have been considered to raise extra money for roads and transit. Choose the **three** changes that would be most agreeable to you personally by entering the appropriate letter into the boxes below.

Most Agreeable **2nd Most Agreeable** **3rd Most Agreeable**

A	Increase gas tax
B	Increase vehicle licensing fees
C	Increase property tax
D	Extend sales tax to fuel
E	Mileage-based vehicle licensing fees
F	Mileage-based auto insurance
G	Tolls on the freeway
H	Other: (specify) _____
I	Other: (specify) _____
J	None

- 17) As the region begins to build its rail system, many concepts have been identified that will make the areas around transit stations better. Choose the **three** concepts that you feel are most important to you personally by entering the appropriate letter into the boxes below.

Most Important **2nd Most Important** **3rd Most Important**

A	Establish a compact mix of land uses within a defined station area.
B	Identify and enhance "pedestrian streets" within the station area.
C	Provide adequate bicycle parking.
D	Concentrate commercial retail in close proximity to the station facility.
E	The total supply of parking should be carefully controlled.
F	Discourage automobile-oriented land uses in the station area.
G	Protect and preserve historic character.
H	Promote residential development opportunities near transit facilities.
I	Ensure safe, convenient, and frequent street crossings.
J	Other: (specify) _____

About your personal familiarity with, and use of, electronic equipment and information services:

18) Which of the following do you personally use at least once a week, on average? *(check all that apply)*

A	A desktop computer at work/school	1 <input type="checkbox"/>
B	A desktop computer at home	2 <input type="checkbox"/>
C	The Internet (external E-mail or the World Wide Web), accessed at work/school	3 <input type="checkbox"/>
D	The Internet (external E-mail or the World Wide Web), accessed from home	4 <input type="checkbox"/>
E	A bank ATM or cash machine	5 <input type="checkbox"/>
F	None of the above	6 <input type="checkbox"/>

19) Which of the following do you carry with you at least ten times a month, on average? *(check all that apply)*

A	A portable cellular phone	1 <input type="checkbox"/>
B	A personal pager, or pager watch	2 <input type="checkbox"/>
C	A portable computer (laptop or palmtop) with a modem	3 <input type="checkbox"/>
D	A personal digital assistant (PDA), with wireless communications	4 <input type="checkbox"/>
E	None of the above	5 <input type="checkbox"/>

Thank you for assisting us in this very important study.

**Your opinions will help shape the future of the
Central Puget Sound Region!**