



About the Survey

WSDOT commissioned a statistically valid and geographically representative survey in King County on public opinion about proposed SR 520 design elements to better understand public sentiment regarding the project. This outreach is separate from the notification and collection of comments conducted as part of the formal Supplemental Draft Environmental Statement (SDEIS) environmental process. The survey results will be considered alongside public input gathered during the SDEIS public comment period, January 22 through April 15, 2010. All of this information will inform the selection of a preferred alternative for the bridge project.

The public is invited and encouraged to provide feedback on WSDOT's SDEIS by April 15, 2010. For more information about how to review and comment on the SDEIS, please visit: www.wsdot.wa.gov/Projects/SR520Bridge/SDEIS.htm

EMC Research conducted the survey March 16-23, 2010 using trained, professional telephone interviewers calling from a central, monitored location.

A total of 907 interviews were conducted, 604 in King County, and 303 in a subset of the WSDOT defined West Corridor Neighborhood (Montlake Cut on the north, Lake Union on the west, Lake Washington on the east and Mercer Street on the south) – see maps on next page.

King County has a total voter population of 1,008,303; the defined West Corridor Neighborhood 18,123, and the City of Seattle 364,930. The West Corridor Neighborhood represents 1.8% of King County. The 303 interviews conducted in this area were weighted to represent their actual proportion - 1.8% - of the entire County so that the Countywide results are accurately portrayed.

Results in both areas were checked and weighted where necessary to ensure overall consistency with demographic and geographic data. Results can be projected to all registered voters in both geographies.

The King County results have a 3.7 percent margin of error at a 95 percent confidence level. The West Corridor subset has a 5.7 percent margin of error, at a 95 percent confidence level. This confidence interval means if the survey were repeated 100 times, the results shown would be correct to within their respective margins of error 95 times out of 100.

Other sub-geographies, including the City of Seattle, are available. The topline appendix shows results for the City of Seattle excluding the West Corridor Neighborhood. The margin of error for results in the City of Seattle is 6.9 percent at a 95 percent confidence interval.

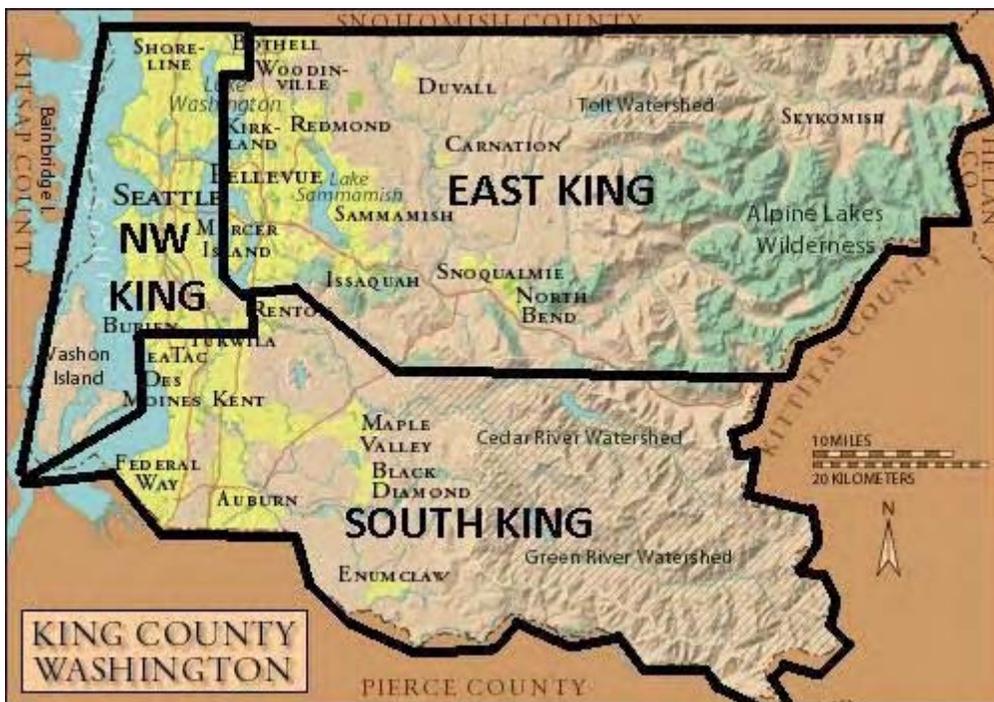
The survey cost \$41,093.

Public survey geographic area maps



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North boundary Montlake Cut
 South boundary: Mercer Street
 West boundary: Lake Union
 East boundary: Lake Washington





MARKET
& OPINION
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WSDOT 520 Bridge Community Survey

King County Overall: N=604; MOE= + 4.0 points

West Corridor Neighborhood: N=303; MOE= + 5.6 points

Seattle: N=203; MOE= + 6.9 points

March 16–23, 2010

EMC #10-4054

*All numbers are reported as percentages unless otherwise noted.
Some questions may add up to more/less than 100% due to rounding.*

Hello, my name is _____ and I'm taking a survey for EMC Research. We're trying to find out how the people in King County feel about some of the issues facing them. This is not a sales or telemarketing call, I am not asking for a donation of any kind. I would just like to ask about your opinion on some issues on a strictly confidential basis.

	King County Overall	NW King	East King	South King	West 520 Corridor	Seattle
3. Gender						
Male	48%	45%	51%	49%	49%	48%
Female	52%	55%	49%	51%	51%	52%
4. Are you registered to vote at this address?						
Yes	100%	100%	100%	100%	100%	100%
No	=====> TERMINATE					

	King County Overall	NW King	East King	South King	West 520 Corridor	Seattle
5. What do you think is the most important problem facing King County today? (ONE RESPONSE)						
Budget problems/Finances	25%	26%	27%	21%	26%	24%
Unemployment	12%	11%	14%	12%	12%	10%
Public transportation	12%	15%	12%	8%	18%	17%
High taxes	7%	5%	9%	7%	2%	2%
Education	6%	7%	4%	8%	10%	9%
Traffic	5%	3%	6%	4%	4%	3%
Economy	4%	4%	3%	6%	4%	5%
Poor leadership	4%	3%	3%	6%	3%	2%
Healthcare/Health insurance	3%	4%	3%	3%	2%	3%
Roads/Infrastructure	3%	3%	3%	3%	2%	4%
Environmental issues	1%	2%	0%	1%	1%	2%
Homeless	1%	2%	0%	2%	1%	3%
Housing costs	1%	0%	1%	1%	2%	0%
Social Services funding	1%	1%	0%	1%	1%	2%
Crime	1%	1%	0%	1%	1%	1%
Sea Wall Tunnel	0%	0%	0%	1%	1%	1%
Viaduct	0%	1%	0%	1%	1%	0%
520 bridge issue	0%	0%	1%	0%	2%	0%
Over crowded/Population	0%	0%	0%	1%	1%	0%
Other specify	3%	2%	3%	2%	1%	2%
Don't know	8%	8%	8%	9%	5%	8%
No Answer	2%	2%	2%	3%	1%	2%

	King County Overall	NW King	East King	South King	West 520 Corridor	Seattle
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6. I would like to ask you about some transportation issues in the Puget Sound area. What have you heard, read, or seen recently about highway 520?
(TAKE TWO RESPONSES)

Expanding the existing bridge	24%	24%	26%	22%	26%	22%
Toll bridge	16%	15%	20%	15%	7%	17%
Build a new bridge	15%	14%	15%	17%	16%	13%
Debate on whether to build a new bridge or expand the existing bridge	11%	12%	10%	12%	15%	17%
Might be built with a light rail/Mass Transit	7%	10%	4%	8%	6%	8%
Very crowded stretch of highway/Lots of traffic	5%	5%	5%	6%	4%	5%
Very expensive	3%	4%	4%	2%	4%	2%
The Mayor wants to re-plan it	3%	5%	2%	2%	2%	3%
HOV lane	1%	1%	1%	1%	3%	1%
It is a mess	1%	1%	1%	1%	1%	1%
Microsoft wants to built now	1%	1%	2%	0%	2%	1%
Against the plans I have heard	1%	1%	1%	1%	2%	1%
Ramps on the west side are a design problem	1%	1%	0%	1%	2%	1%
Other specify	1%	2%	2%	1%	4%	1%
Don't know	3%	2%	3%	3%	1%	4%
No Answer	5%	3%	4%	9%	6%	3%

7. Do you think the 520 floating bridge is in excellent, good, only fair, or poor condition?

Excellent	3%	2%	2%	5%	2%	2%
Good	26%	26%	32%	18%	14%	23%
Only fair	38%	41%	37%	36%	46%	41%
Poor	19%	20%	18%	19%	26%	23%
Don't know	14%	11%	11%	22%	11%	12%

King County Overall	NW King	East King	South King	West 520 Corridor	Seattle
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8. Plans are underway to replace the 520 floating bridge. The proposed bridge design has a total of six lanes, three lanes in each direction. Two of these are general purpose lanes open to all traffic, and one is an HOV lane for buses, van pools, and carpools. In general, would you say you strongly support, somewhat support, somewhat oppose, or strongly oppose this design?

Strongly support	30%	26%	38%	29%	24%	27%
Somewhat Support	42%	47%	38%	41%	40%	48%
Somewhat Oppose	12%	11%	13%	11%	16%	10%
Strongly Oppose	10%	11%	7%	14%	15%	8%
Don't Know	5%	6%	4%	5%	5%	8%
Refused	0%	0%	0%	0%	0%	0%

9. (Supporters) What makes you say that?

It needs to be fixed/Something needs to be done	38%	41%	38%	33%	30%	39%
HOV lane is a must	19%	18%	18%	20%	16%	22%
It will relieve the congestion	11%	11%	10%	10%	14%	10%
Too much planning and nothing happening/Something needs to be done	3%	4%	3%	3%	7%	4%
Best financial option	3%	1%	3%	7%	2%	2%
It needs to be made safe/repared	3%	5%	0%	3%	2%	3%
I oppose the light rail idea	1%	1%	2%	1%	2%	1%
In favor of a toll	1%	1%	1%	1%	0%	1%
Other specify	11%	10%	14%	9%	22%	9%
Don't know	9%	7%	9%	11%	4%	8%
No Answer	1%	1%	1%	1%	2%	1%

	King County Overall	NW King	East King	South King	West 520 Corridor	Seattle
10. (Opponents) What makes you say that?						
I would add the light rail	22%	30%	17%	16%	31%	39%
Against the HOV lanes	18%	20%	12%	22%	5%	13%
It's a lot of money/Money that could be use in other areas	14%	13%	11%	18%	4%	12%
More lanes are needed	11%	4%	20%	11%	12%	2%
Will not improve the situation/Plan has flaws	9%	7%	13%	8%	19%	8%
Another bridge is needed	3%	3%	0%	5%	2%	0%
Too much planning and nothing happening	2%	2%	2%	2%	3%	2%
Best financial option	2%	4%	0%	0%	0%	4%
It will relieve the congestion	1%	2%	2%	0%	4%	0%
Against toll roads	1%	0%	0%	4%	0%	0%
Against the damage to the surrounding areas	1%	0%	2%	0%	5%	0%
Other specify	13%	12%	16%	10%	14%	15%
Don't know	1%	0%	2%	2%	0%	2%
No Answer	3%	3%	3%	2%	1%	2%

	King County Overall	NW King	East King	South King	West 520 Corridor	Seattle
11. (Don't know) What makes you say that?						
I don't use the bridge	32%	32%	19%	47%	35%	19%
HOV lane is a must	9%	19%	0%	0%	0%	18%
It's a lot of money/Money that could be use in other areas	5%	0%	20%	0%	5%	0%
Against the HOV lanes	3%	0%	0%	11%	0%	6%
Too much planning and nothing happening	2%	5%	0%	0%	6%	5%
It needs to be fixed/Something needs to be done	0%	0%	0%	0%	5%	0%
I would add the light rail	0%	0%	0%	0%	5%	0%
More lanes are needed	0%	0%	0%	0%	4%	0%
Other specify	12%	19%	10%	0%	0%	19%
Don't know	28%	12%	51%	34%	37%	21%
No Answer	9%	13%	0%	9%	4%	12%

	King County Overall	NW King	East King	South King	West 520 Corridor	Seattle
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Now I'd like to tell you about some additional features of the proposed design option. For each one, please tell me if that makes you more or less likely to support the proposed design. **(IF MORE:** Would that be much more or somewhat more likely to support?) **(IF LESS:** Would that be much less or somewhat less likely to oppose?)

(RANDOMIZE)

12. The new bridge is being designed so that it can be expanded in the future to carry light rail	Much more likely to support	50%	57%	40%	50%	52%	62%
	Somewhat more likely to	22%	19%	28%	19%	27%	17%
	Somewhat less likely to support	7%	8%	4%	8%	6%	7%
	Much less likely to support	13%	10%	16%	15%	7%	8%
	Don't Know	8%	6%	11%	8%	8%	6%
13. The design includes a bicycle and pedestrian path across the bridge. These do not exist on the current bridge	Much more likely to support	38%	48%	30%	35%	42%	51%
	Somewhat more likely to	31%	28%	34%	31%	38%	25%
	Somewhat less likely to support	12%	11%	14%	12%	8%	11%
	Much less likely to support	11%	7%	12%	15%	4%	6%
	Don't Know	8%	6%	10%	7%	8%	6%
14. The design includes shoulders for vehicles to pull off. There are no shoulders on the current bridge	Much more likely to support	40%	40%	37%	43%	29%	42%
	Somewhat more likely to	36%	37%	39%	32%	37%	39%
	Somewhat less likely to support	11%	12%	12%	8%	9%	10%
	Much less likely to support	5%	3%	4%	8%	9%	3%
	Don't Know	8%	8%	8%	9%	16%	6%

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15. Right now, buses and carpools coming from the eastside must merge into regular traffic as the bridge starts, There is no HOV lane coming from Seattle until you are east of I-405. The proposed design provides an HOV lane the entire distance of five twenty between the eastside and Seattle in both directions.	Much more likely to support	47%	46%	49%	45%	44%	50%
	Somewhat more likely to	31%	34%	27%	31%	35%	32%
	Somewhat less likely to support	8%	7%	9%	7%	8%	6%
	Much less likely to support	6%	6%	6%	9%	7%	5%
	Don't Know	8%	7%	9%	8%	7%	7%
16. The design improves bus and carpool access with direct HOV connections to and from the highway to local streets.	Much more likely to support	32%	33%	28%	35%	33%	31%
	Somewhat more likely to	43%	47%	43%	39%	38%	50%
	Somewhat less likely to support	9%	10%	10%	6%	7%	8%
	Much less likely to support	6%	4%	7%	10%	8%	4%
	Don't Know	9%	6%	12%	10%	14%	6%
17. The design includes covered crossings over the freeway to reduce noise and improve neighborhood connectivity.	Much more likely to support	19%	18%	18%	20%	34%	21%
	Somewhat more likely to	32%	36%	30%	28%	36%	35%
	Somewhat less likely to support	18%	18%	17%	20%	10%	18%
	Much less likely to support	14%	11%	16%	16%	6%	8%
	Don't Know	17%	16%	19%	16%	14%	18%
(END RANDOMIZE)							
18. The design costs four point six billion dollars, and will be funded by federal funds, the state gas tax and variable tolls on the roadway.	Much more likely to support	21%	23%	19%	21%	26%	26%
	Somewhat more likely to	32%	34%	29%	34%	39%	38%
	Somewhat less likely to support	17%	16%	18%	16%	8%	12%
	Much less likely to support	18%	15%	19%	22%	11%	11%
	Don't Know	12%	13%	15%	7%	17%	13%

King County Overall	NW King	East King	South King	West 520 Corridor	Seattle
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19. Some have expressed concerns about the proposed design that has two general purpose and one HOV lane in each direction. They say added lanes for cars, even HOVs, is not consistent with the State's efforts to reduce greenhouse gases. They say that instead the new bridge should have two general purpose lanes in each direction and a third lane that would be only for buses and light rail. Knowing this, do you prefer the proposed design or do you prefer a bus and light rail only lane? (IF UNDECIDED) Well which way do you lean, towards the proposed design or the bus and light rail only lane?

Proposed design	51%	44%	59%	53%	44%	43%
(Lean proposed design)	4%	4%	2%	4%	2%	4%
Bus and light rail only lane	33%	40%	28%	30%	40%	40%
(Lean bus and light rail only lane)	3%	4%	2%	3%	4%	4%
(Undecided)	3%	2%	3%	4%	5%	3%
(Both)	1%	1%	1%	1%	1%	1%
(Neither/Bridge shouldn't be replaced)	4%	4%	2%	5%	3%	4%
(Refused)	1%	2%	1%	0%	1%	1%

20. There is currently no funding or schedule for constructing or operating light rail across five twenty. Voters approved putting light rail on I-90 and the plan is moving forward. A light rail expansion plan for 520 would need to be finalized and then approved by voters. Knowing this, do you prefer the proposed design or do you prefer a bus and light rail only lane? (IF UNDECIDED) Well which way do you lean, towards the proposed design or the bus and light rail only lane?

Proposed design	56%	51%	62%	55%	43%	53%
(Lean proposed design)	3%	2%	4%	2%	3%	2%
Bus and light rail only lane	31%	37%	24%	30%	42%	35%
(Lean bus and light rail only lane)	1%	1%	1%	1%	3%	1%
(Undecided)	4%	3%	6%	4%	4%	4%
(Both)	1%	0%	0%	1%	0%	0%
(Neither/Bridge shouldn't be replaced)	4%	4%	3%	6%	4%	4%
(Refused)	1%	1%	1%	0%	1%	1%

King County Overall	NW King	East King	South King	West 520 Corridor	Seattle
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21. The current design schedule will complete a new five twenty bridge in two thousand fourteen. Changing the design from a general purpose HOV lane to a bus and light rail only HOV lane would extend the bridge completion date to two thousand sixteen. Knowing this, do you prefer the proposed design or do you prefer a bus and light rail only lane? (IF UNDECIDED) Well which way do you lean, towards the proposed design or the bus and light rail only lane?

Proposed design	59%	53%	67%	58%	45%	54%
(Lean proposed design)	2%	2%	3%	0%	1%	2%
Bus and light rail only lane	31%	37%	23%	32%	44%	36%
(Lean bus and light rail only lane)	2%	2%	1%	1%	2%	2%
(Undecided)	3%	2%	3%	3%	3%	3%
(Both)	0%	0%	0%	1%	2%	0%
(Neither/Bridge shouldn't be replaced)	3%	3%	2%	4%	3%	3%
(Refused)	0%	0%	0%	0%	1%	0%

22. Light rail operating on the bridge would depend on voter approval of a plan and light rail construction timeline that has not been developed yet. Knowing this, do you prefer the proposed design or do you prefer a bus and light rail only lane? (IF UNDECIDED) Well which way do you lean, towards the proposed design or the bus and light rail only lane?

Proposed design	60%	53%	69%	61%	47%	54%
(Lean proposed design)	1%	1%	0%	0%	1%	1%
Bus and light rail only lane	30%	37%	23%	27%	42%	34%
(Lean bus and light rail only lane)	2%	2%	0%	3%	2%	3%
(Undecided)	3%	3%	3%	4%	4%	4%
(Both)	0%	0%	0%	0%	1%	0%
(Neither/Bridge shouldn't be replaced)	4%	5%	4%	4%	3%	4%
(Refused)	1%	0%	0%	1%	1%	0%

	King County Overall	NW King	East King	South King	West 520 Corridor	Seattle
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23. 520 is at the end of its engineered design life, and has been evaluated by engineers as unsafe in an earthquake, and is often closed in windstorms. It also carries twice as many vehicles as it was designed for. Do you think it is more important to replace the bridge because it is unsafe or because it does not have enough capacity? (IF UNDECIDED) Well, which way do you lean, because it is unsafe or it does not have enough capacity?

Because it is unsafe	59%	60%	56%	61%	60%	65%
(Lean Because it is unsafe)	1%	2%	0%	1%	2%	3%
It does not have enough capacity	25%	23%	31%	19%	20%	21%
(Lean it does not have enough capacity)	1%	1%	1%	1%	1%	0%
Undecided	1%	2%	1%	2%	0%	2%
Both	11%	9%	11%	12%	13%	8%
Neither/Bridge shouldn't be replaced	2%	2%	1%	3%	4%	2%
Refused	0%	1%	0%	0%	1%	0%

	King County Overall	NW King	East King	South King	West 520 Corridor	Seattle
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There are a number of ways bridge off-ramps could be configured on the Seattle side. For each one of the following, I'd like you to tell me if you support or oppose that option. If you have no preference, please just say so. (AFTER EACH UNTIL UNDERSTOOD) Do you support or oppose that option? (IF SUPPORT) Do you strongly or somewhat support that option? (IF OPPOSE) Do you strongly or somewhat oppose that option?

24. Thinking about the Montlake neighborhood where the 520 bridge connects to the Seattle side, one option keeps the off-ramps much as they are today and adds a second drawbridge across the Montlake cut next to the current drawbridge to handle additional traffic. This fits within the \$4.6 Billion project budget	Strongly support	20%	19%	20%	20%	18%	21%
	Somewhat support	35%	32%	40%	34%	28%	35%
	Somewhat oppose	10%	13%	8%	7%	10%	8%
	Strongly oppose	8%	9%	8%	7%	20%	8%
	(Don't Know)	25%	24%	23%	29%	23%	25%
	(Refused)	2%	3%	1%	2%	1%	3%
25. One option changes the off-ramps at Montlake and sends them through a tunnel, with exits near Husky stadium. This would add \$2 billion dollars to the design	Strongly support	7%	7%	6%	10%	18%	9%
	Somewhat support	9%	10%	9%	7%	16%	9%
	Somewhat oppose	24%	28%	23%	20%	23%	28%
	Strongly oppose	47%	42%	54%	47%	32%	40%
	(Don't Know)	12%	13%	9%	16%	11%	14%
	(Refused)	0%	0%	0%	1%	1%	1%
26. One option would move the exits and off-ramps further east, and would build a new, longer drawbridge to connect to the same location near Husky stadium. This would add \$400M to the design.	Strongly support	7%	7%	9%	6%	10%	6%
	Somewhat support	14%	15%	13%	13%	23%	15%
	Somewhat oppose	27%	26%	29%	27%	23%	25%
	Strongly oppose	34%	36%	32%	35%	21%	36%
	(Don't Know)	16%	16%	16%	17%	23%	17%
	(Refused)	1%	1%	1%	2%	0%	2%

		King County Overall	NW King	East King	South King	West 520 Corridor	Seattle
Now, I'd like to ask you some questions for statistical purposes only.							
27. How often do you travel to work or appointments outside your home in an average week? Is it...	Every day	28%	29%	29%	28%	37%	23%
	Five days a week	30%	28%	31%	31%	27%	32%
	A few days a week	19%	21%	19%	17%	20%	23%
	Only occasionally	21%	20%	21%	23%	15%	20%
	Don't Know/Refused	1%	2%	0%	2%	1%	2%
28. When you go outside the home, are you always driving a car, mostly driving a car, mostly taking public transit, or always taking public transit?	Always driving a car	51%	35%	64%	59%	29%	26%
	Mostly driving a car	34%	39%	28%	34%	43%	46%
	Mostly taking public transit	10%	15%	7%	6%	15%	16%
	Always taking public transit	3%	6%	1%	0%	6%	5%
	Don't Know	2%	4%	1%	1%	7%	4%
	Refused	1%	2%	0%	0%	1%	2%
29. How often do you or someone in your household ride public transit – never, less than once a week, once a week, two or more times per week, or daily?	Never	36%	26%	47%	37%	16%	21%
	Less than once a week	28%	25%	30%	31%	32%	26%
	Once a week	10%	14%	4%	12%	14%	16%
	Two or more/week	12%	17%	8%	9%	18%	20%
	Daily	13%	17%	11%	9%	20%	16%
	Don't Know	1%	1%	0%	0%	1%	1%
	Refused	0%	0%	0%	0%	0%	0%
30. How many times in an average week do you use the five twenty floating bridge? Is it...	Every day	2%	2%	2%	0%	4%	1%
	Five days a week	5%	8%	4%	1%	5%	6%
	A few days a week	9%	7%	14%	6%	20%	7%
	Only occasionally	78%	75%	77%	82%	68%	78%
	Don't Know/Refused	7%	7%	3%	11%	3%	7%

	King County Overall	NW King	East King	South King	West 520 Corridor	Seattle
31. What is your age?						
18-24	6%	3%	8%	7%	4%	4%
25-29	7%	7%	6%	8%	5%	8%
30-34	7%	6%	7%	8%	12%	6%
35-39	5%	8%	2%	7%	6%	8%
40-44	11%	11%	18%	4%	13%	10%
45-49	11%	11%	10%	11%	9%	11%
50-54	12%	13%	10%	13%	9%	14%
55-59	9%	10%	9%	10%	9%	11%
60-64	9%	11%	7%	10%	8%	10%
Over 65	20%	19%	21%	19%	23%	17%
Refused	1%	0%	1%	2%	0%	1%