



I-5 Columbia River Crossing Stated Preference Travel Study Report

Appendix B: Survey Tabulations

November 2013

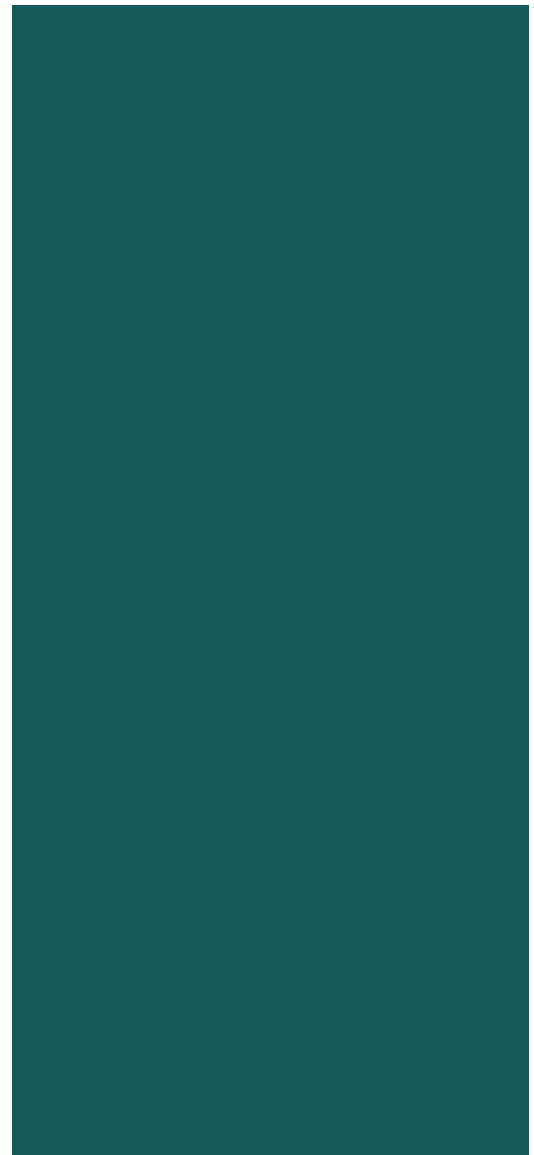


TABLE OF CONTENTS

1.0	PASSENGER VEHICLE TABULATIONS.....	1
1.1	Cross-Tabulations by Trip Departure Time, Day of Week, and Trip Purpose.....	1
1.1.1	<i>Data Source</i>	1
1.1.2	<i>Screening and Trip Detail Questions</i>	1
1.1.3	<i>Debrief and Opinion Questions</i>	10
1.1.4	<i>Traveler Information Questions</i>	17
1.2	Cross-Tabulations by Trip Departure Time and Day of Week	21
1.2.1	<i>Data Source</i>	21
1.2.2	<i>Screening and Trip Detail Questions</i>	21
1.2.3	<i>Debrief and Opinion Questions</i>	29
1.2.4	<i>Traveler Information Questions</i>	36
2.0	COMMERCIAL VEHICLE TABULATIONS	40
2.1	Straight Tabulations	40
2.1.1	<i>Screening Questions</i>	40
2.1.2	<i>Trip Details Questions</i>	41
2.1.3	<i>Debrief and Opinion Questions</i>	45
2.1.4	<i>Company Information Questions</i>	47



1.0 PASSENGER VEHICLE TABULATIONS

1.1 Cross-Tabulations by Trip Departure Time, Day of Week, and Trip Purpose

1.1.1 Data Source

	Data source											
	Peak work trips		Peak non-work trips		Off-peak work trips		Off-peak non-work trips		Weekend trips		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Online market research panel	23	6%	55	19%	15	8%	78	20%	111	18%	282	15%
Email invitation to OD respondent	342	82%	147	52%	131	69%	194	49%	315	51%	1129	59%
In-person intercept	52	12%	83	29%	44	23%	121	31%	195	31%	495	26%
Total	417	100%	285	100%	190	100%	393	100%	621	100%	1906	100%

1.1.2 Screening and Trip Detail Questions

Were you the driver for a trip that meets all of the following criteria? Used the I-5 bridge to cross the Columbia River in the past 3 months (90 days) and made the trip in a personal vehicle (e.g. car, pickup truck, minivan, etc.).

	Data source											
	Peak work trips		Peak non-work trips		Off-peak work trips		Off-peak non-work trips		Weekend trips		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Yes	417	100%	285	100%	190	100%	393	100%	621	100%	1906	100%
No	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
Total	417	100%	285	100%	190	100%	393	100%	621	100%	1906	100%



What day did you make your most recent trip on I-5 across the Columbia River?

	Peak work trips		Peak non-work trips		Off-peak work trips		Off-peak non-work trips		Weekend trips		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Monday	16	4%	94	33%	17	9%	150	38%	0	0%	277	15%
Tuesday	220	53%	63	22%	88	46%	61	16%	0	0%	432	23%
Wednesday	80	19%	40	14%	35	18%	58	15%	0	0%	213	11%
Thursday	51	12%	46	16%	21	11%	60	15%	0	0%	178	9%
Friday	50	12%	42	15%	29	15%	64	16%	0	0%	185	10%
Saturday	0	0%	0	0%	0	0%	0	0%	297	48%	297	16%
Sunday	0	0%	0	0%	0	0%	0	0%	324	52%	324	17%
Total	417	100%	285	100%	190	100%	393	100%	621	100%	1906	100%

What was the primary purpose of your trip?

	Peak work trips		Peak non-work trips		Off-peak work trips		Off-peak non-work trips		Weekend trips		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Commute to/from work	335	80%	0	0%	121	64%	0	0%	99	16%	555	29%
Business-related travel	82	20%	0	0%	69	36%	0	0%	48	8%	199	10%
Go to/from school	0	0%	17	6%	0	0%	12	3%	8	1%	37	2%
Go to/from airport	0	0%	10	4%	0	0%	5	1%	6	1%	21	1%
Shop	0	0%	29	10%	0	0%	93	24%	97	16%	219	11%
Social or recreational	0	0%	133	47%	0	0%	196	50%	273	44%	602	32%
Other personal business	0	0%	86	30%	0	0%	75	19%	69	11%	230	12%
Vacation	0	0%	10	4%	0	0%	12	3%	21	3%	43	2%
Total	417	100%	285	100%	190	100%	393	100%	621	100%	1906	100%

Where did you begin your trip?

	Peak work trips		Peak non-work trips		Off-peak work trips		Off-peak non-work trips		Weekend trips		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Home	312	75%	238	84%	124	65%	293	75%	504	81%	1471	77%
Regular workplace	90	22%	15	5%	50	26%	15	4%	61	10%	231	12%
Another place	15	4%	32	11%	16	8%	85	22%	56	9%	204	11%
Total	417	100%	285	100%	190	100%	393	100%	621	100%	1906	100%



Where did you travel to?

	Peak work trips		Peak non-work trips		Off-peak work trips		Off-peak non-work trips		Weekend trips		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Home	77	18%	26	9%	32	17%	64	16%	67	11%	266	14%
Regular workplace	252	60%	2	1%	93	49%	1	0%	67	11%	415	22%
Another place	88	21%	257	90%	65	34%	328	83%	487	78%	1225	64%
Total	417	100%	285	100%	190	100%	393	100%	621	100%	1906	100%

What time did you begin your trip?

	Peak work trips		Peak non-work trips		Off-peak work trips		Off-peak non-work trips		Weekend trips		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent
AM Peak (6:00 - 9:59 AM)	319	76%	172	60%	0	0%	0	0%	173	28%	664	35%
Mid-day (10:00 AM - 2:59 PM)	0	0%	0	0%	105	55%	342	87%	257	41%	704	37%
PM Peak (3:00 - 6:59 PM)	98	24%	113	40%	0	0%	0	0%	148	24%	359	19%
Night time (7:00 PM - 5:59 AM)	0	0%	0	0%	85	45%	51	13%	43	7%	179	9%
Total	417	100%	285	100%	190	100%	393	100%	621	100%	1906	100%

Did you start your trip at <trip departure time> specifically to minimize the impact of traffic congestion on your trip?

	Peak work trips		Peak non-work trips		Off-peak work trips		Off-peak non-work trips		Weekend trips		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Yes	169	41%	106	37%	78	41%	136	35%	198	32%	687	36%
No	248	59%	179	63%	112	59%	257	65%	423	68%	1219	64%
Total	417	100%	285	100%	190	100%	393	100%	621	100%	1906	100%



If started trip to specifically minimize the impact of traffic congestion: If there was no traffic congestion, what time would you have preferred to start your trip?

	Peak work trips		Peak non-work trips		Off-peak work trips		Off-peak non-work trips		Weekend trips		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent
AM Peak (6:00 - 9:59 AM)	137	81%	66	62%	36	46%	46	34%	81	41%	366	53%
Mid-day (10:00 AM - 2:59 PM)	4	2%	13	12%	17	22%	56	41%	53	27%	143	21%
PM Peak (3:00 - 6:59 PM)	28	17%	24	23%	17	22%	31	23%	56	28%	156	23%
Night time (7:00 PM - 5:59 AM)	0	0%	3	3%	8	10%	3	2%	8	4%	22	3%
Total	169	100%	106	100%	78	100%	136	100%	198	100%	687	100%

If you had wanted to, could you have arrived at your destination earlier?

	Peak work trips		Peak non-work trips		Off-peak work trips		Off-peak non-work trips		Weekend trips		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Could not have arrived any earlier	170	41%	125	44%	90	47%	164	42%	252	41%	801	42%
Up to 15 minutes earlier	73	18%	60	21%	43	23%	76	19%	108	17%	360	19%
Up to 30 minutes earlier	66	16%	39	14%	22	12%	39	10%	84	14%	250	13%
Up to 1 hour earlier	57	14%	26	9%	12	6%	29	7%	67	11%	191	10%
Up to 2 hours earlier	16	4%	9	3%	6	3%	18	5%	25	4%	74	4%
More than 2 hours earlier	35	8%	26	9%	17	9%	67	17%	85	14%	230	12%
Total	417	100%	285	100%	190	100%	393	100%	621	100%	1906	100%

If you had wanted to, could you have arrived at your destination later?

	Peak work trips		Peak non-work trips		Off-peak work trips		Off-peak non-work trips		Weekend trips		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Could not have arrived any later	193	46%	101	35%	94	49%	132	34%	227	37%	747	39%
Up to 15 minutes later	66	16%	61	21%	27	14%	68	17%	95	15%	317	17%
Up to 30 minutes later	79	19%	49	17%	18	9%	42	11%	87	14%	275	14%
Up to 1 hour later	38	9%	34	12%	21	11%	42	11%	63	10%	198	10%
Up to 2 hours later	17	4%	16	6%	12	6%	26	7%	39	6%	110	6%
More than 2 hours later	24	6%	24	8%	18	9%	83	21%	110	18%	259	14%
Total	417	100%	285	100%	190	100%	393	100%	621	100%	1906	100%



Approximately how long did it take you, door-to-door, to drive from <begin location> to <end location>?

	Peak work trips		Peak non-work trips		Off-peak work trips		Off-peak non-work trips		Weekend trips		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Less than 10 minutes	0	0%	0	0%	0	0%	3	1%	4	1%	7	0%
10-19 minutes	22	5%	20	7%	19	10%	54	14%	52	8%	167	9%
20-29 minutes	71	17%	56	20%	51	27%	102	26%	128	21%	408	21%
30-39 minutes	90	22%	44	15%	52	27%	85	22%	106	17%	377	20%
40-49 minutes	100	24%	58	20%	32	17%	50	13%	101	16%	341	18%
50-59 minutes	47	11%	23	8%	9	5%	17	4%	35	6%	131	7%
60-89 minutes	50	12%	31	11%	10	5%	31	8%	73	12%	195	10%
90 minutes or more	37	9%	53	19%	17	9%	51	13%	122	20%	280	15%
Total	417	100%	285	100%	190	100%	393	100%	621	100%	1906	100%

Estimated trip distance (calculated from Google Maps)

	Peak work trips		Peak non-work trips		Off-peak work trips		Off-peak non-work trips		Weekend trips		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Less than 5 miles	2	0%	7	2%	2	1%	17	4%	20	3%	48	3%
5-14 miles	133	32%	88	31%	59	31%	138	35%	197	32%	615	32%
15-29 miles	210	50%	111	39%	99	52%	154	39%	234	38%	808	42%
30-44 miles	41	10%	25	9%	15	8%	23	6%	59	10%	163	9%
45-59 miles	6	1%	10	4%	1	1%	16	4%	17	3%	50	3%
60-89 miles	4	1%	10	4%	3	2%	3	1%	12	2%	32	2%
90 miles or more	21	5%	34	12%	11	6%	42	11%	82	13%	190	10%
Total	417	100%	285	100%	190	100%	393	100%	621	100%	1906	100%

If total trip travel time is greater than five minutes: Did you experience any delay due to traffic congestion related to the I-5 bridge during your trip?

	Peak work trips		Peak non-work trips		Off-peak work trips		Off-peak non-work trips		Weekend trips		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Yes	193	46%	75	26%	37	19%	59	15%	205	33%	569	30%
No	224	54%	210	74%	153	81%	331	85%	412	67%	1330	70%
Total	417	100%	285	100%	190	100%	390	100%	617	100%	1899	100%



If experienced delay due to traffic congestion related to the I-5 bridge: If there were no delays due to traffic congestion related to the I-5 bridge, approximately how long would your trip have taken you, door-to-door?

	Peak work trips		Peak non-work trips		Off-peak work trips		Off-peak non-work trips		Weekend trips		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Less than 10 minutes	1	1%	0	0%	1	3%	1	2%	5	2%	8	1%
10-19 minutes	39	20%	13	17%	7	19%	8	14%	33	16%	100	18%
20-29 minutes	69	36%	18	24%	13	35%	22	37%	73	36%	195	34%
30-39 minutes	44	23%	19	25%	5	14%	9	15%	42	20%	119	21%
40-49 minutes	25	13%	12	16%	4	11%	9	15%	22	11%	72	13%
50-59 minutes	5	3%	2	3%	2	5%	2	3%	6	3%	17	3%
60-89 minutes	6	3%	4	5%	2	5%	0	0%	4	2%	16	3%
90 minutes or more	4	2%	7	9%	3	8%	8	14%	20	10%	42	7%
Total	193	100%	75	100%	37	100%	59	100%	205	100%	569	100%

Calculated amount of delay

	Peak work trips		Peak non-work trips		Off-peak work trips		Off-peak non-work trips		Weekend trips		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Less than 10 minutes	22	11%	7	9%	8	22%	9	15%	29	14%	75	13%
10-19 minutes	74	38%	34	45%	16	43%	30	51%	75	37%	229	40%
20-29 minutes	49	25%	18	24%	4	11%	12	20%	44	21%	127	22%
30 minutes or more	48	25%	16	21%	9	24%	8	14%	57	28%	138	24%
Total	193	100%	75	100%	37	100%	59	100%	205	100%	569	100%

Did you have any passengers with you on your trip?

	Peak work trips		Peak non-work trips		Off-peak work trips		Off-peak non-work trips		Weekend trips		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Yes	56	13%	156	55%	27	14%	208	53%	338	54%	785	41%
No	361	87%	129	45%	163	86%	185	47%	283	46%	1121	59%
Total	417	100%	285	100%	190	100%	393	100%	621	100%	1906	100%



If had passengers: How many were members of household?

	Peak work trips		Peak non-work trips		Off-peak work trips		Off-peak non-work trips		Weekend trips		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent
1 passenger	24	77%	86	72%	7	70%	102	61%	169	60%	388	64%
2 passengers	6	19%	21	18%	2	20%	39	23%	64	23%	132	22%
3 passengers	0	0%	12	10%	1	10%	15	9%	38	13%	66	11%
4 passengers or more	1	3%	1	1%	0	0%	11	7%	12	4%	25	4%
Total	31	100%	120	100%	10	100%	167	100%	283	100%	611	100%

If had passengers: How many were friends and family who do not live at same residence?

	Peak work trips		Peak non-work trips		Off-peak work trips		Off-peak non-work trips		Weekend trips		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent
1 passenger	1	33%	33	70%	2	100%	34	65%	44	64%	114	66%
2 passengers	2	67%	7	15%	0	0%	10	19%	20	29%	39	23%
3 passengers	0	0%	5	11%	0	0%	5	10%	4	6%	14	8%
4 passengers or more	0	0%	2	4%	0	0%	3	6%	1	1%	6	3%
Total	3	100%	47	100%	2	100%	52	100%	69	100%	173	100%

If had passengers: How many were co-workers or other business associates?

	Peak work trips		Peak non-work trips		Off-peak work trips		Off-peak non-work trips		Weekend trips		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent
1 passenger	18	86%	0	0%	10	67%	2	67%	9	82%	39	76%
2 passengers	2	10%	0	0%	3	20%	0	0%	1	9%	6	12%
3 passengers	0	0%	1	100%	0	0%	1	33%	1	9%	3	6%
4 passengers or more	1	5%	0	0%	2	13%	0	0%	0	0%	3	6%
Total	21	100%	1	100%	15	100%	3	100%	11	100%	51	100%



If had passengers: How many were other types of carpoolers?

	Peak work trips		Peak non-work trips		Off-peak work trips		Off-peak non-work trips		Weekend trips		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent
1 passenger	1	100%	0	0%	0	0%	1	50%	1	25%	3	30%
2 passengers	0	0%	1	50%	1	100%	0	0%	0	0%	2	20%
3 passengers	0	0%	0	0%	0	0%	0	0%	1	25%	1	10%
4 passengers or more	0	0%	1	50%	0	0%	1	50%	2	50%	4	40%
Total	1	100%	2	100%	1	100%	2	100%	4	100%	10	100%

If had passengers: Total number of passengers on trip

	Peak work trips		Peak non-work trips		Off-peak work trips		Off-peak non-work trips		Weekend trips		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent
1 passenger	44	79%	100	64%	17	63%	124	60%	192	57%	477	61%
2 passengers	10	18%	30	19%	7	26%	40	19%	74	22%	161	21%
3 passengers	0	0%	18	12%	1	4%	23	11%	49	14%	91	12%
4 passengers	2	4%	5	3%	1	4%	15	7%	14	4%	37	5%
5 passengers or more	0	0%	3	2%	1	4%	6	3%	9	3%	19	2%
Total	56	100%	156	100%	27	100%	208	100%	338	100%	785	100%

How often have you made this same trip, in this direction, between <begin location> and <end location> in the past 3 months (90 days)?

	Peak work trips		Peak non-work trips		Off-peak work trips		Off-peak non-work trips		Weekend trips		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent
5 or more times per week	226	54%	19	7%	80	42%	16	4%	79	13%	420	22%
4 times per week	61	15%	6	2%	14	7%	12	3%	12	2%	105	6%
2-3 times per week	47	11%	37	13%	25	13%	48	12%	65	10%	222	12%
1 time per week	22	5%	30	11%	15	8%	62	16%	56	9%	185	10%
2-3 times per month	18	4%	66	23%	17	9%	79	20%	104	17%	284	15%
1 time per month	17	4%	45	16%	10	5%	55	14%	76	12%	203	11%
Less than 1 time per month	26	6%	82	29%	29	15%	121	31%	229	37%	487	26%
Total	417	100%	285	100%	190	100%	393	100%	621	100%	1906	100%



Do you ever use the I-205 bridge to make this same trip across the Columbia River?

	Peak work trips		Peak non-work trips		Off-peak work trips		Off-peak non-work trips		Weekend trips		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Yes	184	44%	115	40%	89	47%	171	44%	255	41%	814	43%
No	233	56%	170	60%	101	53%	222	56%	366	59%	1092	57%
Total	417	100%	285	100%	190	100%	393	100%	621	100%	1906	100%

If uses I-205 bridge to make reported trip across the Columbia River: Approximately how long does it take you, door-to-door, to drive from <begin location> to <end location> to use the I-205 bridge for this same trip?

	Peak work trips		Peak non-work trips		Off-peak work trips		Off-peak non-work trips		Weekend trips		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Less than 10 minutes	0	0%	1	1%	0	0%	0	0%	0	0%	1	0%
10-19 minutes	0	0%	1	1%	1	1%	5	3%	7	3%	14	2%
20-29 minutes	10	5%	9	8%	7	8%	24	14%	28	11%	78	10%
30-39 minutes	30	16%	20	17%	29	33%	42	25%	56	22%	177	22%
40-49 minutes	51	28%	20	17%	24	27%	37	22%	58	23%	190	23%
50-59 minutes	25	14%	9	8%	11	12%	17	10%	21	8%	83	10%
60-89 minutes	44	24%	25	22%	10	11%	27	16%	39	15%	145	18%
90 minutes or more	24	13%	30	26%	7	8%	19	11%	46	18%	126	15%
Total	184	100%	115	100%	89	100%	171	100%	255	100%	814	100%

If uses I-205 bridge to make reported trip across the Columbia River: How often have you made this same trip, in this direction, between <begin location> and <end location> using the I-205 bridge in the past 3 months (90 days)?

	Peak work trips		Peak non-work trips		Off-peak work trips		Off-peak non-work trips		Weekend trips		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent
5 or more times per week	7	4%	5	4%	8	9%	4	2%	14	5%	38	5%
4 times per week	6	3%	0	0%	2	2%	3	2%	6	2%	17	2%
2-3 times per week	13	7%	4	3%	10	11%	8	5%	15	6%	50	6%
1 time per week	14	8%	7	6%	9	10%	21	12%	17	7%	68	8%
2-3 times per month	47	26%	12	10%	14	16%	21	12%	40	16%	134	16%
1 time per month	31	17%	23	20%	11	12%	24	14%	41	16%	130	16%
Less than 1 time per month	66	36%	64	56%	35	39%	90	53%	122	48%	377	46%
Total	184	100%	115	100%	89	100%	171	100%	255	100%	814	100%



Do you currently have a GoodToGo! transponder in your car for electronic toll collection?

	Peak work trips		Peak non-work trips		Off-peak work trips		Off-peak non-work trips		Weekend trips		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Yes	4	1%	1	0%	5	3%	8	2%	7	1%	25	1%
No	413	99%	284	100%	185	97%	385	98%	614	99%	1881	99%
Total	417	100%	285	100%	190	100%	393	100%	621	100%	1906	100%

1.1.3 Debrief and Opinion Questions

If never selected a tolled I-5 option in stated preference section: In the previous set of questions, what is the primary reason you never selected a tolled I-5 option to make your trip?

	Peak work trips		Peak non-work trips		Off-peak work trips		Off-peak non-work trips		Weekend trips		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Toll cost too high	3	4%	5	8%	1	3%	3	5%	8	6%	20	6%
Time savings not worth the toll cost	12	18%	9	15%	9	24%	21	32%	24	18%	75	21%
Opposed to paying tolls	31	46%	22	37%	15	39%	24	36%	58	44%	150	42%
Opposed to the project in general	10	15%	6	10%	5	13%	8	12%	15	11%	44	12%
<i>If does not already own an ETC: Do not want to set up a transponder account</i>	0	0%	0	0%	0	0%	1	2%	3	2%	4	1%
Other	11	16%	17	29%	8	21%	9	14%	23	18%	68	19%
Total	67	100%	59	100%	38	100%	66	100%	131	100%	361	100%



If never chose to change the departure time of trip using the I-5 bridge in stated preference section: In the previous set of questions, what is the primary reason you never chose to change the departure time of your trip?

	Peak work trips		Peak non-work trips		Off-peak work trips		Off-peak non-work trips		Weekend trips		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Do not have flexibility in arrival time	47	23%	27	19%	0	0%	0	0%	27	16%	101	20%
Do not have flexibility in departure time	61	30%	28	20%	0	0%	0	0%	23	14%	112	22%
Parking cost or availability	1	0%	4	3%	0	0%	0	0%	1	1%	6	1%
Time savings not enough	7	3%	7	5%	0	0%	0	0%	12	7%	26	5%
Cost savings not enough	11	5%	11	8%	0	0%	0	0%	16	10%	38	7%
Time required to shift current trips is too great	15	7%	4	3%	0	0%	0	0%	10	6%	29	6%
Other appointments prevent changing travel time	12	6%	10	7%	0	0%	0	0%	12	7%	34	7%
Prefer my current departure time	33	16%	26	19%	0	0%	0	0%	37	22%	96	19%
Willing to use public transit	5	2%	7	5%	0	0%	0	0%	8	5%	20	4%
Other appointments prevent changing travel time	12	6%	15	11%	0	0%	0	0%	22	13%	49	10%
Total	204	100%	139	100%	0	0%	0	0%	168	100%	511	100%

In the previous set of questions, you never selected a transit option. What improvements to transit in the Vancouver-Portland area would make you more likely to consider transit for your trips across the Columbia River? Select all that apply.

	Peak work trips		Peak non-work trips		Off-peak work trips		Off-peak non-work trips		Weekend trips		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Transit stop closer to origin/destination	78	35%	36	25%	37	30%	64	31%	78	26%	293	30%
More frequent transit service	33	15%	16	11%	22	18%	35	17%	51	17%	157	16%
More reliable transit service	25	11%	13	9%	14	11%	25	12%	38	13%	115	12%
Guaranteed ride home program in case of an emergency	24	11%	7	5%	13	10%	18	9%	21	7%	83	8%
Lower cost	38	17%	20	14%	23	18%	51	25%	62	21%	194	20%
Other	63	29%	35	25%	30	24%	56	27%	72	24%	256	26%
None of the above	80	36%	48	34%	52	42%	65	32%	106	36%	351	35%
Total Number of Respondents	221		142		125		206		296		990	



In the previous set of questions, you selected a carpool option. How often do you think you would be able to find someone else to carpool with on your trips between <begin location> and <end location>?

	Peak work trips		Peak non-work trips		Off-peak work trips		Off-peak non-work trips		Weekend trips		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Very often (4 or 5 out of every 5 trips)	14	12%	34	28%	7	11%	40	24%	75	31%	170	24%
Somewhat often (2 or 3 out of every 5 trips)	34	29%	20	17%	13	20%	44	26%	52	21%	163	23%
Not very often (1 or fewer out of every 5 trips)	33	28%	44	37%	23	36%	47	28%	70	29%	217	30%
Never, not a realistic option	27	23%	15	13%	15	23%	30	18%	32	13%	119	17%
Other	3	3%	1	1%	2	3%	4	2%	4	2%	14	2%
I don't know	6	5%	6	5%	4	6%	4	2%	9	4%	29	4%
Total	117	100%	120	100%	64	100%	169	100%	242	100%	712	100%

In the future, would you change the number of trips you make if the toll cost to use the I-5 bridge was <toll cost from tenth stated preference experiment> and the travel time was <travel time from tenth stated preference experiment>?

	Peak work trips		Peak non-work trips		Off-peak work trips		Off-peak non-work trips		Weekend trips		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Would make fewer trips	138	33%	149	52%	57	30%	210	53%	325	52%	879	46%
Would make more trips	5	1%	4	1%	5	3%	8	2%	6	1%	28	1%
Would make same number of trips	274	66%	132	46%	128	67%	175	45%	290	47%	999	52%
Total	417	100%	285	100%	190	100%	393	100%	621	100%	1906	100%

If would decrease the number of future trips if I-5 bridge were tolled: Approximately what percent decrease do you expect in the total number of <trip purpose> trips you currently make?

	Peak work trips		Peak non-work trips		Off-peak work trips		Off-peak non-work trips		Weekend trips		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent
1-24% decrease	25	18%	11	7%	4	7%	9	4%	22	7%	71	8%
25-49% decrease	18	13%	13	9%	7	12%	24	11%	34	10%	96	11%
50-74% decrease	42	30%	59	40%	17	30%	65	31%	97	30%	280	32%
75-99% decrease	17	12%	42	28%	9	16%	69	33%	85	26%	222	25%
100% decrease	36	26%	24	16%	20	35%	43	20%	87	27%	210	24%
Total	138	100%	149	100%	57	100%	210	100%	325	100%	879	100%



If would increase the number of future trips if I-5 bridge were tolled: Approximately what percent increase do you expect in the total number of <trip purpose> trips you currently make?

	Peak work trips		Peak non-work trips		Off-peak work trips		Off-peak non-work trips		Weekend trips		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent
1-24% increase	1	20%	2	50%	3	60%	3	38%	2	33%	11	39%
25-49% increase	0	0%	1	25%	1	20%	1	13%	1	17%	4	14%
50-74% increase	2	40%	1	25%	1	20%	1	13%	3	50%	8	29%
75-99% increase	2	40%	0	0%	0	0%	0	0%	0	0%	2	7%
100% increase or more	0	0%	0	0%	0	0%	3	38%	0	0%	3	11%
Total	5	100%	4	100%	5	100%	8	100%	6	100%	28	100%

If would decrease the number of future trips if I-5 bridge were tolled: How would you reduce the number of trips you make? Select all that apply.

	Peak work trips		Peak non-work trips		Off-peak work trips		Off-peak non-work trips		Weekend trips		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Combine multiple trips that I make across the Columbia River together	24	17%	38	25%	12	21%	67	31%	89	27%	230	26%
Use other modes of transportation	31	22%	25	16%	7	12%	36	17%	66	20%	165	18%
Carpool with others	11	8%	12	8%	5	9%	21	10%	35	11%	84	9%
Go to a different location that does not require crossing the Columbia River	55	39%	87	57%	25	44%	123	57%	188	57%	478	54%
No longer make reported trip at all	59	42%	50	33%	19	33%	83	39%	125	38%	336	38%
Total	140		152		57		215		328		892	

If does not own GoodToGo! transponder and selected at least one tolled alternative in stated preference section: What if the toll was <toll from selected toll alternative plus surcharge> through video tolling rather than <toll from selected toll alternative>. How would you pay the toll?

	Peak work trips		Peak non-work trips		Off-peak work trips		Off-peak non-work trips		Weekend trips		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Very likely to pay the toll with a transponder	227	68%	101	49%	87	62%	151	50%	197	43%	763	53%
Somewhat likely to pay the toll with a transponder	38	11%	28	14%	15	11%	44	15%	67	15%	192	13%
Not sure	53	16%	54	26%	30	21%	82	27%	125	27%	344	24%
Somewhat likely to pay by video tolling	5	1%	12	6%	5	4%	12	4%	31	7%	65	4%
Very likely to pay by video tolling	12	4%	12	6%	3	2%	14	5%	40	9%	81	6%
Total	335	100%	207	100%	140	100%	303	100%	460	100%	1445	100%



If unlikely to pay a toll with a transponder: Which of the following best describes why you would be unlikely to pay the toll with a transponder?

	Peak work trips		Peak non-work trips		Off-peak work trips		Off-peak non-work trips		Weekend trips		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Do not know enough about electronic toll collection	1	6%	1	4%	1	13%	0	0%	1	1%	4	3%
Will not use the I-5 bridge enough	3	18%	12	50%	4	50%	13	50%	34	48%	66	45%
Do not like the idea of electronic tolling	2	12%	0	0%	1	13%	0	0%	3	4%	6	4%
Do not want a transponder in my car	2	12%	2	8%	2	25%	2	8%	11	15%	19	13%
Do not want to set up an account	1	6%	1	4%	0	0%	0	0%	1	1%	3	2%
Do not want to prepay tolls	2	12%	2	8%	0	0%	1	4%	10	14%	15	10%
Too expensive	2	12%	1	4%	0	0%	6	23%	4	6%	13	9%
Concerned about privacy	2	12%	1	4%	0	0%	1	4%	3	4%	7	5%
Too difficult to maintain account	1	6%	1	4%	0	0%	0	0%	0	0%	2	1%
Other	1	6%	3	13%	0	0%	3	12%	4	6%	11	8%
Total	17	100%	24	100%	8	100%	26	100%	71	100%	146	100%

How likely would you be to make your trip before 5 AM or after 8 PM if the I-5 bridge were toll-free during this time?

	Peak work trips		Peak non-work trips		Off-peak work trips		Off-peak non-work trips		Weekend trips		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Very likely	29	7%	28	10%	51	27%	59	15%	85	14%	252	13%
Somewhat likely	56	13%	36	13%	19	10%	60	15%	88	14%	259	14%
Neither likely nor unlikely	23	6%	31	11%	30	16%	37	9%	83	13%	204	11%
Somewhat unlikely	44	11%	26	9%	19	10%	60	15%	73	12%	222	12%
Very unlikely	265	64%	164	58%	71	37%	177	45%	292	47%	969	51%
Total	417	100%	285	100%	190	100%	393	100%	621	100%	1906	100%



Based on the information that has been provided to you, which of the following best describes how you feel about the proposed tolling of the I-5 Columbia River Crossing?

	Peak work trips		Peak non-work trips		Off-peak work trips		Off-peak non-work trips		Weekend trips		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Strongly favor	62	15%	51	18%	25	13%	85	22%	106	17%	329	17%
Somewhat favor	55	13%	48	17%	31	16%	86	22%	109	18%	329	17%
Neutral	65	16%	49	17%	21	11%	45	11%	89	14%	269	14%
Somewhat opposed	68	16%	36	13%	25	13%	58	15%	99	16%	286	15%
Strongly opposed	167	40%	101	35%	88	46%	119	30%	218	35%	693	36%
Total	417	100%	285	100%	190	100%	393	100%	621	100%	1906	100%

If in favor of the tolling of the I-5 Columbia River Crossing project: What is the primary reason you are in favor of the tolling of the I-5 Columbia River Crossing project?

	Peak work trips		Peak non-work trips		Off-peak work trips		Off-peak non-work trips		Weekend trips		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Shorter travel time	9	8%	3	3%	2	4%	9	5%	6	3%	29	4%
More reliable travel time	12	10%	6	6%	5	9%	12	7%	13	6%	48	7%
Less congestion	23	20%	14	14%	13	23%	29	17%	48	22%	127	19%
Improved roadway conditions	4	3%	9	9%	8	14%	11	6%	11	5%	43	7%
Safer road conditions	3	3%	5	5%	2	4%	8	5%	5	2%	23	3%
Increase/better transit options	20	17%	19	19%	9	16%	23	13%	30	14%	101	15%
Added option for walking/biking	3	3%	3	3%	0	0%	3	2%	6	3%	15	2%
Generates revenue for transportation improvements and maintenance	30	26%	26	26%	11	20%	53	31%	68	32%	188	29%
Reduced emissions and improved air quality	4	3%	6	6%	0	0%	6	4%	6	3%	22	3%
Other	9	8%	8	8%	6	11%	17	10%	22	10%	62	9%
Total	117	100%	99	100%	56	100%	171	100%	215	100%	658	100%



If opposed to the tolling of the I-5 Columbia River Crossing project: What is the primary reason you are opposed to the tolling of the I-5 Columbia River Crossing project?

	Peak work trips		Peak non-work trips		Off-peak work trips		Off-peak non-work trips		Weekend trips		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Opposed to paying tolls in general	53	23%	42	31%	31	27%	52	29%	107	34%	285	29%
Opposed to paying tolls on the I-5 bridge	59	25%	35	26%	27	24%	40	23%	76	24%	237	24%
Toll cost are too high	43	18%	23	17%	18	16%	35	20%	55	17%	174	18%
Do not like electronic toll collection	1	0%	6	4%	1	1%	3	2%	6	2%	17	2%
Opposed to spending money on construction projects	3	1%	2	1%	3	3%	5	3%	7	2%	20	2%
Other	76	32%	29	21%	33	29%	42	24%	66	21%	246	25%
Total	235	100%	137	100%	113	100%	177	100%	317	100%	979	100%

Are you familiar with the public transit systems in and around Portland and Vancouver?

	Peak work trips		Peak non-work trips		Off-peak work trips		Off-peak non-work trips		Weekend trips		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Yes	378	91%	245	86%	171	90%	342	87%	551	89%	1687	89%
No	39	9%	40	14%	19	10%	51	13%	70	11%	219	11%
Total	417	100%	285	100%	190	100%	393	100%	621	100%	1906	100%

If familiar with public transit systems in/around Portland and Vancouver: How often do you use public transit in the Portland-Vancouver area?

	Peak work trips		Peak non-work trips		Off-peak work trips		Off-peak non-work trips		Weekend trips		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent
5 or more days per week	16	4%	16	7%	9	5%	11	3%	25	5%	77	5%
3-4 days per week	12	3%	8	3%	5	3%	9	3%	28	5%	62	4%
1-2 days per week	17	4%	13	5%	3	2%	19	6%	27	5%	79	5%
1-3 days per month	40	11%	30	12%	12	7%	43	13%	59	11%	184	11%
Less than one day per month	129	34%	82	33%	54	32%	143	42%	193	35%	601	36%
Never	164	43%	96	39%	88	51%	117	34%	219	40%	684	41%
Total	378	100%	245	100%	171	100%	342	100%	551	100%	1687	100%



Approximately how often do you ride a bike for transportation in the Portland-Vancouver area (e.g. commute to work, visit friends, go to the store, etc.), rather than for exercise?

	Peak work trips		Peak non-work trips		Off-peak work trips		Off-peak non-work trips		Weekend trips		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Every day	1	0%	7	2%	3	2%	9	2%	22	4%	42	2%
Several times a week	14	3%	14	5%	6	3%	15	4%	26	4%	75	4%
Once or twice a week	29	7%	17	6%	13	7%	26	7%	33	5%	118	6%
Rarely	105	25%	63	22%	42	22%	89	23%	130	21%	429	23%
Never	268	64%	184	65%	126	66%	254	65%	410	66%	1242	65%
Total	417	100%	285	100%	190	100%	393	100%	621	100%	1906	100%

If rides a bike for transportation at least once a week: For trips like the one you described, how likely are you to bicycle across the new I-5 bridge?

	Peak work trips		Peak non-work trips		Off-peak work trips		Off-peak non-work trips		Weekend trips		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Very likely	16	36%	11	29%	6	27%	16	32%	26	32%	75	32%
Somewhat likely	8	18%	7	18%	3	14%	7	14%	18	22%	43	18%
Neither likely nor unlikely	0	0%	9	24%	2	9%	3	6%	7	9%	21	9%
Somewhat unlikely	3	7%	1	3%	2	9%	5	10%	11	14%	22	9%
Very unlikely	17	39%	10	26%	9	41%	19	38%	19	23%	74	31%
Total	44	100%	38	100%	22	100%	50	100%	81	100%	235	100%

1.1.4 Traveler Information Questions

What is your home ZIP code? (ZIP code used to identify state of residence)

	Peak work trips		Peak non-work trips		Off-peak work trips		Off-peak non-work trips		Weekend trips		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Oregon resident	158	38%	121	42%	62	33%	171	44%	278	45%	790	41%
Washington resident	259	62%	162	57%	127	67%	221	56%	341	55%	1110	58%
Other resident	0	0%	2	1%	1	1%	1	0%	2	0%	6	0%
Total	417	100%	285	100%	190	100%	393	100%	621	100%	1906	100%



What is your gender?

	Peak work trips		Peak non-work trips		Off-peak work trips		Off-peak non-work trips		Weekend trips		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Female	170	41%	137	48%	71	37%	197	50%	285	46%	860	45%
Male	245	59%	147	52%	116	61%	193	49%	326	52%	1027	54%
Other	2	0%	1	0%	3	2%	3	1%	10	2%	19	1%
Total	417	100%	285	100%	190	100%	393	100%	621	100%	1906	100%

Which category best indicates your age?

	Peak work trips		Peak non-work trips		Off-peak work trips		Off-peak non-work trips		Weekend trips		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent
16-24	6	1%	8	3%	5	3%	14	4%	23	4%	56	3%
25-34	52	12%	44	15%	24	13%	53	13%	92	15%	265	14%
35-44	116	28%	45	16%	35	18%	58	15%	124	20%	378	20%
45-54	112	27%	45	16%	49	26%	73	19%	139	22%	418	22%
55-64	101	24%	68	24%	56	29%	93	24%	150	24%	468	25%
65-74	25	6%	67	24%	18	9%	85	22%	78	13%	273	14%
75 or older	5	1%	8	3%	3	2%	17	4%	15	2%	48	3%
Total	417	100%	285	100%	190	100%	393	100%	621	100%	1906	100%



What is your employment status?

	Peak work trips		Peak non-work trips		Off-peak work trips		Off-peak non-work trips		Weekend trips		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Employed full-time	331	79%	108	38%	131	69%	119	30%	337	54%	1026	54%
Employed part-time	26	6%	31	11%	11	6%	39	10%	62	10%	169	9%
Self-employed	44	11%	17	6%	34	18%	39	10%	49	8%	183	10%
Student	4	1%	10	4%	1	1%	5	1%	11	2%	31	2%
Student and employed	2	0%	7	2%	2	1%	12	3%	13	2%	36	2%
Homemaker	1	0%	16	6%	1	1%	30	8%	29	5%	77	4%
Retired	6	1%	81	28%	7	4%	122	31%	93	15%	309	16%
Disabled and unable to work	1	0%	4	1%	1	1%	6	2%	9	1%	21	1%
Unemployed and looking for work	2	0%	9	3%	2	1%	20	5%	16	3%	49	3%
Unemployed and not looking for work	0	0%	2	1%	0	0%	1	0%	2	0%	5	0%
Total	417	100%	285	100%	190	100%	393	100%	621	100%	1906	100%

How many people live in your household?

	Peak work trips		Peak non-work trips		Off-peak work trips		Off-peak non-work trips		Weekend trips		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent
1 (lives alone)	41	10%	48	17%	30	16%	68	17%	88	14%	275	14%
2 people	189	45%	148	52%	85	45%	191	49%	279	45%	892	47%
3 people	83	20%	41	14%	30	16%	63	16%	105	17%	322	17%
4 people	68	16%	34	12%	28	15%	50	13%	107	17%	287	15%
5 or more people	36	9%	14	5%	17	9%	21	5%	42	7%	130	7%
Total	417	100%	285	100%	190	100%	393	100%	621	100%	1906	100%



How many vehicles are there in your household?

	Peak work trips		Peak non-work trips		Off-peak work trips		Off-peak non-work trips		Weekend trips		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent
0 (no vehicles)	0	0%	3	1%	2	1%	4	1%	6	1%	15	1%
1 vehicle	73	18%	64	22%	36	19%	114	29%	136	22%	423	22%
2 vehicles	212	51%	148	52%	86	45%	169	43%	296	48%	911	48%
3 vehicles	87	21%	42	15%	37	19%	71	18%	118	19%	355	19%
4 vehicles	31	7%	17	6%	12	6%	20	5%	33	5%	113	6%
5 or more vehicles	14	3%	11	4%	17	9%	15	4%	32	5%	89	5%
Total	417	100%	285	100%	190	100%	393	100%	621	100%	1906	100%

What category best indicates your 2012 household annual income before taxes?

	Peak work trips		Peak non-work trips		Off-peak work trips		Off-peak non-work trips		Weekend trips		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Chose not to answer	18	4%	7	2%	7	4%	16	4%	32	5%	80	4%
Less than \$15,000	7	2%	11	4%	4	2%	26	7%	25	4%	73	4%
\$15,000–\$24,999	11	3%	16	6%	7	4%	21	5%	36	6%	91	5%
\$25,000–\$34,999	10	2%	20	7%	11	6%	26	7%	44	7%	111	6%
\$35,000–\$49,999	40	10%	36	13%	21	11%	50	13%	63	10%	210	11%
\$50,000–\$74,999	82	20%	59	21%	32	17%	78	20%	111	18%	362	19%
\$75,000–\$99,999	77	18%	50	18%	35	18%	63	16%	112	18%	337	18%
\$100,000–\$124,999	71	17%	37	13%	27	14%	41	10%	76	12%	252	13%
\$125,000–\$149,999	37	9%	15	5%	20	11%	20	5%	46	7%	138	7%
\$150,000–\$199,999	33	8%	17	6%	16	8%	28	7%	40	6%	134	7%
\$200,000–\$249,999	16	4%	10	4%	4	2%	10	3%	17	3%	57	3%
\$250,000 or more	15	4%	7	2%	6	3%	14	4%	19	3%	61	3%
Total	417	100%	285	100%	190	100%	393	100%	621	100%	1906	100%



1.2 Cross-Tabulations by Trip Departure Time and Day of Week

1.2.1 Data Source

	Data source						Total	
	Peak trips		Off-peak trips		Weekend trips		Count	Percent
	Count	Percent	Count	Percent	Count	Percent		
Online market research panel	78	11%	93	16%	111	18%	282	15%
Email invitation to OD respondent	489	70%	325	56%	315	51%	1129	59%
In-person intercept	135	19%	165	28%	195	31%	495	26%
Total	702	100%	583	100%	621	100%	1906	100%

1.2.2 Screening and Trip Detail Questions

Were you the driver for a trip that meets all of the following criteria? Used the I-5 bridge to cross the Columbia River in the past 3 months (90 days) and made the trip in a personal vehicle (e.g. car, pickup truck, minivan, etc.).

	Peak trips		Off-peak trips		Weekend trips		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Yes	702	100%	583	100%	621	100%	1906	100%
No	0	0%	0	0%	0	0%	0	0%
Total	702	100%	583	100%	621	100%	1906	100%

What day did you make your most recent trip on I-5 across the Columbia River?

	Peak trips		Off-peak trips		Weekend trips		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Monday	110	16%	167	29%	0	0%	277	15%
Tuesday	283	40%	149	26%	0	0%	432	23%
Wednesday	120	17%	93	16%	0	0%	213	11%
Thursday	97	14%	81	14%	0	0%	178	9%
Friday	92	13%	93	16%	0	0%	185	10%
Saturday	0	0%	0	0%	297	48%	297	16%
Sunday	0	0%	0	0%	324	52%	324	17%
Total	702	100%	583	100%	621	100%	1906	100%



What was the primary purpose of your trip?

	Peak trips		Off-peak trips		Weekend trips		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Commute to/from work	335	48%	121	21%	99	16%	555	29%
Business-related travel	82	12%	69	12%	48	8%	199	10%
Go to/from school	17	2%	12	2%	8	1%	37	2%
Go to/from airport	10	1%	5	1%	6	1%	21	1%
Shop	29	4%	93	16%	97	16%	219	11%
Social or recreational	133	19%	196	34%	273	44%	602	32%
Other personal business	86	12%	75	13%	69	11%	230	12%
Vacation	10	1%	12	2%	21	3%	43	2%
Total	702	100%	583	100%	621	100%	1906	100%

Where did you begin your trip?

	Peak trips		Off-peak trips		Weekend trips		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Home	550	78%	417	72%	504	81%	1471	77%
Regular workplace	105	15%	65	11%	61	10%	231	12%
Another place	47	7%	101	17%	56	9%	204	11%
Total	702	100%	583	100%	621	100%	1906	100%

Where did you travel to?

	Peak trips		Off-peak trips		Weekend trips		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Home	103	15%	96	16%	67	11%	266	14%
Regular workplace	254	36%	94	16%	67	11%	415	22%
Another place	345	49%	393	67%	487	78%	1225	64%
Total	702	100%	583	100%	621	100%	1906	100%



What time did you begin your trip?

	Peak trips		Off-peak trips		Weekend trips		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
AM Peak (6:00 - 9:59 AM)	491	70%	0	0%	173	28%	664	35%
Mid-day (10:00 AM - 2:59 PM)	0	0%	447	77%	257	41%	704	37%
PM Peak (3:00 - 6:59 PM)	211	30%	0	0%	148	24%	359	19%
Night time (7:00 PM - 5:59 AM)	0	0%	136	23%	43	7%	179	9%
Total	702	100%	583	100%	621	100%	1906	100%

Did you start your trip at <trip departure time> specifically to minimize the impact of traffic congestion on your trip?

	Peak trips		Off-peak trips		Weekend trips		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Yes	275	39%	214	37%	198	32%	687	36%
No	427	61%	369	63%	423	68%	1219	64%
Total	702	100%	583	100%	621	100%	1906	100%

If started trip to specifically minimize the impact of traffic congestion: If there was no traffic congestion, what time would you have preferred to start your trip?

	Peak trips		Off-peak trips		Weekend trips		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
AM Peak (6:00 - 9:59 AM)	203	74%	82	38%	81	41%	366	53%
Mid-day (10:00 AM - 2:59 PM)	17	6%	73	34%	53	27%	143	21%
PM Peak (3:00 - 6:59 PM)	52	19%	48	22%	56	28%	156	23%
Night time (7:00 PM - 5:59 AM)	3	1%	11	5%	8	4%	22	3%
Total	275	100%	214	100%	198	100%	687	100%



If you had wanted to, could you have arrived at your destination earlier?

	Peak trips		Off-peak trips		Weekend trips		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Could not have arrived any earlier	295	42%	254	44%	252	41%	801	42%
Up to 15 minutes earlier	133	19%	119	20%	108	17%	360	19%
Up to 30 minutes earlier	105	15%	61	10%	84	14%	250	13%
Up to 1 hour earlier	83	12%	41	7%	67	11%	191	10%
Up to 2 hours earlier	25	4%	24	4%	25	4%	74	4%
More than 2 hours earlier	61	9%	84	14%	85	14%	230	12%
Total	702	100%	583	100%	621	100%	1906	100%

If you had wanted to, could you have arrived at your destination later?

	Peak trips		Off-peak trips		Weekend trips		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Could not have arrived any later	294	42%	226	39%	227	37%	747	39%
Up to 15 minutes later	127	18%	95	16%	95	15%	317	17%
Up to 30 minutes later	128	18%	60	10%	87	14%	275	14%
Up to 1 hour later	72	10%	63	11%	63	10%	198	10%
Up to 2 hours later	33	5%	38	7%	39	6%	110	6%
More than 2 hours later	48	7%	101	17%	110	18%	259	14%
Total	702	100%	583	100%	621	100%	1906	100%

Approximately how long did it take you, door-to-door, to drive from <begin location> to <end location>?

	Peak trips		Off-peak trips		Weekend trips		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Less than 10 minutes	0	0%	3	1%	4	1%	7	0%
10-19 minutes	42	6%	73	13%	52	8%	167	9%
20-29 minutes	127	18%	153	26%	128	21%	408	21%
30-39 minutes	134	19%	137	23%	106	17%	377	20%
40-49 minutes	158	23%	82	14%	101	16%	341	18%
50-59 minutes	70	10%	26	4%	35	6%	131	7%
60-89 minutes	81	12%	41	7%	73	12%	195	10%
90 minutes or more	90	13%	68	12%	122	20%	280	15%
Total	702	100%	583	100%	621	100%	1906	100%



GoogleMaps estimated trip distance

	Peak trips		Off-peak trips		Weekend trips		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Less than 5 miles	9	1%	19	3%	20	3%	48	3%
5-14 miles	221	31%	197	34%	197	32%	615	32%
15-29 miles	321	46%	253	43%	234	38%	808	42%
30-44 miles	66	9%	38	7%	59	10%	163	9%
45-59 miles	16	2%	17	3%	17	3%	50	3%
60-89 miles	14	2%	6	1%	12	2%	32	2%
90 miles or more	55	8%	53	9%	82	13%	190	10%
Total	702	100%	583	100%	621	100%	1906	100%

If total trip travel time is greater than five minutes: Did you experience any delay due to traffic congestion related to the I-5 bridge during your trip?

	Peak trips		Off-peak trips		Weekend trips		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Yes	268	38%	96	17%	205	33%	569	30%
No	434	62%	484	83%	412	67%	1330	70%
Total	702	100%	580	100%	617	100%	1899	100%

If experienced delay due to traffic congestion related to the I-5 bridge: If there were no delays due to traffic congestion related to the I-5 bridge, approximately how long would your trip have taken you, door-to-door?

	Peak trips		Off-peak trips		Weekend trips		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Less than 10 minutes	1	0%	2	2%	5	2%	8	1%
10-19 minutes	52	19%	15	16%	33	16%	100	18%
20-29 minutes	87	32%	35	36%	73	36%	195	34%
30-39 minutes	63	24%	14	15%	42	20%	119	21%
40-49 minutes	37	14%	13	14%	22	11%	72	13%
50-59 minutes	7	3%	4	4%	6	3%	17	3%
60-89 minutes	10	4%	2	2%	4	2%	16	3%
90 minutes or more	11	4%	11	11%	20	10%	42	7%
Total	268	100%	96	100%	205	100%	569	100%



Calculated amount of delay

	Peak trips		Off-peak trips		Weekend trips		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Less than 10 minutes	29	11%	17	18%	29	14%	75	13%
10-19 minutes	108	40%	46	48%	75	37%	229	40%
20-29 minutes	67	25%	16	17%	44	21%	127	22%
30 minutes or more	64	24%	17	18%	57	28%	138	24%
Total	268	100%	96	100%	205	100%	569	100%

Did you have any passengers with you on your trip?

	Peak trips		Off-peak trips		Weekend trips		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Yes	212	30%	235	40%	338	54%	785	41%
No	490	70%	348	60%	283	46%	1121	59%
Total	702	100%	583	100%	621	100%	1906	100%

If had passengers: How many were members of household?

	Peak trips		Off-peak trips		Weekend trips		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
1 passenger	110	73%	109	62%	169	60%	388	64%
2 passengers	27	18%	41	23%	64	23%	132	22%
3 passengers	12	8%	16	9%	38	13%	66	11%
4 passengers or more	2	1%	11	6%	12	4%	25	4%
Total	151	100%	177	100%	283	100%	611	100%

If had passengers: How many were friends and family who do not live at same residence?

	Peak trips		Off-peak trips		Weekend trips		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
1 passenger	34	68%	36	67%	44	64%	114	66%
2 passengers	9	18%	10	19%	20	29%	39	23%
3 passengers	5	10%	5	9%	4	6%	14	8%
4 passengers or more	2	4%	3	6%	1	1%	6	3%
Total	50	100%	54	100%	69	100%	173	100%



If had passengers: How many were co-workers or other business associates?

	Peak trips		Off-peak trips		Weekend trips		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
1 passenger	18	82%	12	67%	9	82%	39	76%
2 passengers	2	9%	3	17%	1	9%	6	12%
3 passengers	1	5%	1	6%	1	9%	3	6%
4 passengers or more	1	5%	2	11%	0	0%	3	6%
Total	22	100%	18	100%	11	100%	51	100%

If had passengers: How many were other types of carpoolers?

	Peak trips		Off-peak trips		Weekend trips		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
1 passenger	1	33%	1	33%	1	25%	3	30%
2 passengers	1	33%	1	33%	0	0%	2	20%
3 passengers	0	0%	0	0%	1	25%	1	10%
4 passengers or more	1	33%	1	33%	2	50%	4	40%
Total	3	100%	3	100%	4	100%	10	100%

If had passengers: Total number of passengers on trip

	Peak trips		Off-peak trips		Weekend trips		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
1 passenger	144	68%	141	60%	192	57%	477	61%
2 passengers	40	19%	47	20%	74	22%	161	21%
3 passengers	18	8%	24	10%	49	14%	91	12%
4 passengers	7	3%	16	7%	14	4%	37	5%
5 passengers or more	3	1%	7	3%	9	3%	19	2%
Total	212	100%	235	100%	338	100%	785	100%



How often have you made this same trip, in this direction, between <begin location> and <end location> in the past 3 months (90 days)?

	Peak trips		Off-peak trips		Weekend trips		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
5 or more times per week	245	35%	96	16%	79	13%	420	22%
4 times per week	67	10%	26	4%	12	2%	105	6%
2-3 times per week	84	12%	73	13%	65	10%	222	12%
1 time per week	52	7%	77	13%	56	9%	185	10%
2-3 times per month	84	12%	96	16%	104	17%	284	15%
1 time per month	62	9%	65	11%	76	12%	203	11%
Less than 1 time per month	108	15%	150	26%	229	37%	487	26%
Total	702	100%	583	100%	621	100%	1906	100%

Do you ever use the I-205 bridge to make this same trip across the Columbia River?

	Peak trips		Off-peak trips		Weekend trips		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Yes	299	43%	260	45%	255	41%	814	43%
No	403	57%	323	55%	366	59%	1092	57%
Total	702	100%	583	100%	621	100%	1906	100%

If uses I-205 bridge to make reported trip across the Columbia River: Approximately how long does it take you, door-to-door, to drive from <begin location> to <end location> to use the I-205 bridge for this same trip?

	Peak trips		Off-peak trips		Weekend trips		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Less than 10 minutes	1	0%	0	0%	0	0%	1	0%
10-19 minutes	1	0%	6	2%	7	3%	14	2%
20-29 minutes	19	6%	31	12%	28	11%	78	10%
30-39 minutes	50	17%	71	27%	56	22%	177	22%
40-49 minutes	71	24%	61	23%	58	23%	190	23%
50-59 minutes	34	11%	28	11%	21	8%	83	10%
60-89 minutes	69	23%	37	14%	39	15%	145	18%
90 minutes or more	54	18%	26	10%	46	18%	126	15%
Total	299	100%	260	100%	255	100%	814	100%



If uses I-205 bridge to make reported trip across the Columbia River: How often have you made this same trip, in this direction, between <begin location> and <end location> using the I-205 bridge in the past 3 months (90 days)?

	Peak trips		Off-peak trips		Weekend trips		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
5 or more times per week	12	4%	12	5%	14	5%	38	5%
4 times per week	6	2%	5	2%	6	2%	17	2%
2-3 times per week	17	6%	18	7%	15	6%	50	6%
1 time per week	21	7%	30	12%	17	7%	68	8%
2-3 times per month	59	20%	35	13%	40	16%	134	16%
1 time per month	54	18%	35	13%	41	16%	130	16%
Less than 1 time per month	130	43%	125	48%	122	48%	377	46%
Total	299	100%	260	100%	255	100%	814	100%

Do you currently have a GoodToGo! transponder in your car for electronic toll collection?

	Peak trips		Off-peak trips		Weekend trips		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Yes	5	1%	13	2%	7	1%	25	1%
No	697	99%	570	98%	614	99%	1881	99%
Total	702	100%	583	100%	621	100%	1906	100%

1.2.3 Debrief and Opinion Questions

In the previous set of questions, what is the primary reason you never selected a tolled I-5 option to make your trip?

	Peak trips		Off-peak trips		Weekend trips		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Toll cost too high	8	6%	4	4%	8	6%	20	6%
Time savings not worth the toll cost	21	17%	30	29%	24	18%	75	21%
Opposed to paying tolls	53	42%	39	38%	58	44%	150	42%
Opposed to the project in general	16	13%	13	13%	15	11%	44	12%
<i>If does not already own an ETC: Do not want to set up a transponder account</i>	0	0%	1	1%	3	2%	4	1%
Other	28	22%	17	16%	23	18%	68	19%
Total	126	100%	104	100%	131	100%	361	100%



In the previous set of questions, what is the primary reason you never chose to change the departure time of your trip?

	Peak trips		Off-peak trips		Weekend trips		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Do not have flexibility in arrival time	74	22%	0	0%	27	16%	101	20%
Do not have flexibility in departure time	89	26%	0	0%	23	14%	112	22%
Parking cost or availability	5	1%	0	0%	1	1%	6	1%
Time savings not enough	14	4%	0	0%	12	7%	26	5%
Cost savings not enough	22	6%	0	0%	16	10%	38	7%
Time required to shift current trips is too great	19	6%	0	0%	10	6%	29	6%
Other appointments prevent changing travel time	22	6%	0	0%	12	7%	34	7%
Prefer my current departure time	59	17%	0	0%	37	22%	96	19%
Willing to use public transit	12	3%	0	0%	8	5%	20	4%
Other appointments prevent changing travel time	27	8%	0	0%	22	13%	49	10%
Total	343	100%	0	0%	168	100%	511	100%

In the previous set of questions, you never selected a transit option. What improvements to transit in the Vancouver-Portland area would make you more likely to consider transit for your trips across the Columbia River? Select all that apply.

	Peak trips		Off-peak trips		Weekend trips		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Transit stop closer to origin/destination	114	31%	101	31%	78	26%	293	30%
More frequent transit service	49	13%	57	17%	51	17%	157	16%
More reliable transit service	38	10%	39	12%	38	13%	115	12%
Guaranteed ride home program in case of an emergency	31	9%	31	9%	21	7%	83	8%
Lower cost	58	16%	74	22%	62	21%	194	20%
Other	98	27%	86	26%	72	24%	256	26%
None of the above	128	35%	117	35%	106	36%	351	35%
Total Number of Respondents	363		331		296		990	



In the previous set of questions, you selected a carpool option. How often do you think you would be able to find someone else to carpool with on your trips between <begin location> and <end location>?

	Peak trips		Off-peak trips		Weekend trips		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Very often (4 or 5 out of every 5 trips)	48	20%	47	20%	75	31%	170	24%
Somewhat often (2 or 3 out of every 5 trips)	54	23%	57	24%	52	21%	163	23%
Not very often (1 or fewer out of every 5 trips)	77	32%	70	30%	70	29%	217	30%
Never, not a realistic option	42	18%	45	19%	32	13%	119	17%
Other	4	2%	6	3%	4	2%	14	2%
I don't know	12	5%	8	3%	9	4%	29	4%
Total	237	100%	233	100%	242	100%	712	100%

In the future, would you change the number of trips you make if the toll cost to use the I-5 bridge was <toll cost from tenth stated preference experiment> and the travel time was <travel time from tenth stated preference experiment>?

	Peak trips		Off-peak trips		Weekend trips		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Would make fewer trips	287	41%	267	46%	325	52%	879	46%
Would make more trips	9	1%	13	2%	6	1%	28	1%
Would make same number of trips	406	58%	303	52%	290	47%	999	52%
Total	702	100%	583	100%	621	100%	1906	100%

If would decrease the number of future trips if I-5 bridge were tolled: Approximately what percent decrease do you expect in the total number of <trip purpose> trips you currently make?

	Peak trips		Off-peak trips		Weekend trips		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
1-24% decrease	36	13%	13	5%	22	7%	71	8%
25-49% decrease	31	11%	31	12%	34	10%	96	11%
50-74% decrease	101	35%	82	31%	97	30%	280	32%
75-99% decrease	59	21%	78	29%	85	26%	222	25%
100% decrease	60	21%	63	24%	87	27%	210	24%
Total	287	100%	267	100%	325	100%	879	100%



If would increase the number of future trips if I-5 bridge were tolled: Approximately what percent increase do you expect in the total number of <trip purpose> trips you currently make?

	Peak trips		Off-peak trips		Weekend trips		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
1-24% increase	3	33%	6	46%	2	33%	11	39%
25-49% increase	1	11%	2	15%	1	17%	4	14%
50-74% increase	3	33%	2	15%	3	50%	8	29%
75-99% increase	2	22%	0	0%	0	0%	2	7%
100% increase or more	0	0%	3	23%	0	0%	3	11%
Total	9	100%	13	100%	6	100%	28	100%

If would decrease the number of future trips if I-5 bridge were tolled: How would you reduce the number of trips you make? Select all that apply.

	Peak trips		Off-peak trips		Weekend trips		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Combine multiple trips that I make across the Columbia River together	62	21%	79	29%	89	27%	230	26%
Use other modes of transportation	56	19%	43	16%	66	20%	165	18%
Carpool with others	23	8%	26	10%	35	11%	84	9%
Go to a different location that does not require crossing the Columbia River	142	49%	148	54%	188	57%	478	54%
No longer make reported trip at all	109	37%	102	38%	125	38%	336	38%
Total Number of Respondents	292		272		328		892	

If does not own GoodToGo! transponder and selected at least one tolled alternative: What if the toll was <toll from selected toll alternative plus surcharge> through video tolling rather than <toll from selected toll alternative>?

	Peak trips		Off-peak trips		Weekend trips		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Very likely to pay the toll with a transponder	328	61%	238	54%	197	43%	763	53%
Somewhat likely to pay the toll with a transponder	66	12%	59	13%	67	15%	192	13%
Not sure	107	20%	112	25%	125	27%	344	24%
Somewhat likely to pay by video tolling	17	3%	17	4%	31	7%	65	4%
Very likely to pay by video tolling	24	4%	17	4%	40	9%	81	6%
Total	542	100%	443	100%	460	100%	1445	100%



If unlikely to pay a toll with a transponder: Which of the following best describes why you would be unlikely to pay the toll with a transponder?

	Peak trips		Off-peak trips		Weekend trips		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Do not know enough about electronic toll collection	2	5%	1	3%	1	1%	4	3%
Will not use the I-5 bridge enough	15	37%	17	50%	34	48%	66	45%
Do not like the idea of electronic tolling	2	5%	1	3%	3	4%	6	4%
Do not want a transponder in my car	4	10%	4	12%	11	15%	19	13%
Do not want to set up an account	2	5%	0	0%	1	1%	3	2%
Do not want to prepay tolls	4	10%	1	3%	10	14%	15	10%
Too expensive	3	7%	6	18%	4	6%	13	9%
Concerned about privacy	3	7%	1	3%	3	4%	7	5%
Toll difficult to maintain account	2	5%	0	0%	0	0%	2	1%
Other	4	10%	3	9%	4	6%	11	8%
Total	41	100%	34	100%	71	100%	146	100%

How likely would you be to make your trip before 5 AM or after 8 PM if the I-5 bridge were toll-free during this time?

	Peak trips		Off-peak trips		Weekend trips		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Very likely	57	8%	110	19%	85	14%	252	13%
Somewhat likely	92	13%	79	14%	88	14%	259	14%
Neither likely nor unlikely	54	8%	67	11%	83	13%	204	11%
Somewhat unlikely	70	10%	79	14%	73	12%	222	12%
Very unlikely	429	61%	248	43%	292	47%	969	51%
Total	702	100%	583	100%	621	100%	1906	100%



Based on the information that has been provided to you, which of the following best describes how you feel about the proposed tolling of the I-5 Columbia River Crossing?

	Peak trips		Off-peak trips		Weekend trips		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Strongly favor	113	16%	110	19%	106	17%	329	17%
Somewhat favor	103	15%	117	20%	109	18%	329	17%
Neutral	114	16%	66	11%	89	14%	269	14%
Somewhat opposed	104	15%	83	14%	99	16%	286	15%
Strongly opposed	268	38%	207	36%	218	35%	693	36%
Total	702	100%	583	100%	621	100%	1906	100%

If in favor of the tolling of the I-5 Columbia River Crossing project: What is the primary reason you are in favor of the tolling of the I-5 Columbia River Crossing project?

	Peak trips		Off-peak trips		Weekend trips		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Shorter travel time	12	6%	11	5%	6	3%	29	4%
More reliable travel time	18	8%	17	7%	13	6%	48	7%
Less congestion	37	17%	42	19%	48	22%	127	19%
Improved roadway conditions	13	6%	19	8%	11	5%	43	7%
Safer road conditions	8	4%	10	4%	5	2%	23	3%
Increase/better transit options	39	18%	32	14%	30	14%	101	15%
Added option for walking/biking	6	3%	3	1%	6	3%	15	2%
Generates revenue for transportation improvements and maintenance	56	26%	64	28%	68	32%	188	29%
Reduced emissions and improved air quality	10	5%	6	3%	6	3%	22	3%
Other	17	8%	23	10%	22	10%	62	9%
Total	216	100%	227	100%	215	100%	658	100%



If opposed to the tolling of the I-5 Columbia River Crossing project: What is the primary reason you are opposed to the tolling of the I-5 Columbia River Crossing project?

	Peak trips		Off-peak trips		Weekend trips		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Opposed to paying tolls in general	95	26%	83	29%	107	34%	285	29%
Opposed to paying tolls on the I-5 bridge	94	25%	67	23%	76	24%	237	24%
Toll cost are too high	66	18%	53	18%	55	17%	174	18%
Do not like electronic toll collection	7	2%	4	1%	6	2%	17	2%
Opposed to spending money on construction projects	5	1%	8	3%	7	2%	20	2%
Other	105	28%	75	26%	66	21%	246	25%
Total	372	100%	290	100%	317	100%	979	100%

Are you familiar with the public transit systems in and around Portland and Vancouver?

	Peak trips		Off-peak trips		Weekend trips		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Yes	623	89%	513	88%	551	89%	1687	89%
No	79	11%	70	12%	70	11%	219	11%
Total	702	100%	583	100%	621	100%	1906	100%

If familiar with public transit systems in/around Portland and Vancouver: How often do you use public transit in the Portland-Vancouver area?

	Peak trips		Off-peak trips		Weekend trips		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
5 or more days per week	32	5%	20	4%	25	5%	77	5%
3-4 days per week	20	3%	14	3%	28	5%	62	4%
1-2 days per week	30	5%	22	4%	27	5%	79	5%
1-3 days per month	70	11%	55	11%	59	11%	184	11%
Less than one day per month	211	34%	197	38%	193	35%	601	36%
Never	260	42%	205	40%	219	40%	684	41%
Total	623	100%	513	100%	551	100%	1687	100%



Approximately how often do you ride a bike for transportation in the Portland-Vancouver area (e.g. commute to work, visit friends, go to the store, etc.), rather than for exercise?

	Peak trips		Off-peak trips		Weekend trips		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Every day	8	1%	12	2%	22	4%	42	2%
Several times a week	28	4%	21	4%	26	4%	75	4%
Once or twice a week	46	7%	39	7%	33	5%	118	6%
Rarely	168	24%	131	22%	130	21%	429	23%
Never	452	64%	380	65%	410	66%	1242	65%
Total	702	100%	583	100%	621	100%	1906	100%

If rides a bike for transportation at least once a week: For trips like the one you described, how likely are you to bicycle across the new I-5 bridge?

	Peak trips		Off-peak trips		Weekend trips		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Very likely	27	33%	22	31%	26	32%	75	32%
Somewhat likely	15	18%	10	14%	18	22%	43	18%
Neither likely nor unlikely	9	11%	5	7%	7	9%	21	9%
Somewhat unlikely	4	5%	7	10%	11	14%	22	9%
Very unlikely	27	33%	28	39%	19	23%	74	31%
Total	82	100%	72	100%	81	100%	235	100%

1.2.4 Traveler Information Questions

What is your home ZIP code?

	Peak trips		Off-peak trips		Weekend trips		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Oregon resident	279	40%	233	40%	278	45%	790	41%
Washington resident	421	60%	348	60%	341	55%	1110	58%
Other resident	2	0%	2	0%	2	0%	6	0%
Total	702	100%	583	100%	621	100%	1906	100%



What is your gender?

	Peak trips		Off-peak trips		Weekend trips		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Female	307	44%	268	46%	285	46%	860	45%
Male	392	56%	309	53%	326	52%	1027	54%
Other	3	0%	6	1%	10	2%	19	1%
Total	702	100%	583	100%	621	100%	1906	100%

Which category best indicates your age?

	Peak trips		Off-peak trips		Weekend trips		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
16-24	14	2%	19	3%	23	4%	56	3%
25-34	96	14%	77	13%	92	15%	265	14%
35-44	161	23%	93	16%	124	20%	378	20%
45-54	157	22%	122	21%	139	22%	418	22%
55-64	169	24%	149	26%	150	24%	468	25%
65-74	92	13%	103	18%	78	13%	273	14%
75 or older	13	2%	20	3%	15	2%	48	3%
Total	702	100%	583	100%	621	100%	1906	100%

What is your employment status?

	Peak trips		Off-peak trips		Weekend trips		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Employed full-time	439	63%	250	43%	337	54%	1026	54%
Employed part-time	57	8%	50	9%	62	10%	169	9%
Self-employed	61	9%	73	13%	49	8%	183	10%
Student	14	2%	6	1%	11	2%	31	2%
Student and employed	9	1%	14	2%	13	2%	36	2%
Homemaker	17	2%	31	5%	29	5%	77	4%
Retired	87	12%	129	22%	93	15%	309	16%
Disabled and unable to work	5	1%	7	1%	9	1%	21	1%
Unemployed and looking for work	11	2%	22	4%	16	3%	49	3%
Unemployed and not looking for work	2	0%	1	0%	2	0%	5	0%
Total	702	100%	583	100%	621	100%	1906	100%



How many people live in your household?

	Peak trips		Off-peak trips		Weekend trips		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
1 (lives alone)	89	13%	98	17%	88	14%	275	14%
2 people	337	48%	276	47%	279	45%	892	47%
3 people	124	18%	93	16%	105	17%	322	17%
4 people	102	15%	78	13%	107	17%	287	15%
5 or more people	50	7%	38	7%	42	7%	130	7%
Total	702	100%	583	100%	621	100%	1906	100%

How many vehicles are there in your household?

	Peak trips		Off-peak trips		Weekend trips		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
0 (no vehicles)	3	0%	6	1%	6	1%	15	1%
1 vehicle	137	20%	150	26%	136	22%	423	22%
2 vehicles	360	51%	255	44%	296	48%	911	48%
3 vehicles	129	18%	108	19%	118	19%	355	19%
4 vehicles	48	7%	32	5%	33	5%	113	6%
5 or more vehicles	25	4%	32	5%	32	5%	89	5%
Total	702	100%	583	100%	621	100%	1906	100%



What category best indicates your 2012 household annual income before taxes?

	Peak trips		Off-peak trips		Weekend trips		Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Chose not to answer	25	4%	23	4%	32	5%	80	4%
Less than \$15,000	18	3%	30	5%	25	4%	73	4%
\$15,000–\$24,999	27	4%	28	5%	36	6%	91	5%
\$25,000–\$34,999	30	4%	37	6%	44	7%	111	6%
\$35,000–\$49,999	76	11%	71	12%	63	10%	210	11%
\$50,000–\$74,999	141	20%	110	19%	111	18%	362	19%
\$75,000–\$99,999	127	18%	98	17%	112	18%	337	18%
\$100,000–\$124,999	108	15%	68	12%	76	12%	252	13%
\$125,000–\$149,999	52	7%	40	7%	46	7%	138	7%
\$150,000–\$199,999	50	7%	44	8%	40	6%	134	7%
\$200,000–\$249,999	26	4%	14	2%	17	3%	57	3%
\$250,000 or more	22	3%	20	3%	19	3%	61	3%
Total	702	100%	583	100%	621	100%	1906	100%



2.0 COMMERCIAL VEHICLE TABULATIONS

2.1 Straight Tabulations

2.1.1 Screening Questions

What is your primary type of work?

	Count	Percent
Owner-operator	78	23%
Contract owner-operator	62	19%
Fleet driver	186	56%
Other	7	2%
Total	333	100%

Who makes the routing decisions for your vehicle?

	Count	Percent
I make all routing decisions	195	59%
I make some routing decisions	91	27%
Someone else makes all routing decisions	47	14%
Total	333	100%

If someone else make routing decisions: Are you able to describe the details of typical decisions that your dispatcher makes?

	Count	Percent
Yes	47	100%
Total	47	100%

Have you made a recent trip that meets all of the following criteria? Used the I-5 bridge to cross the Columbia River in the past 3 months (90 days).

	Count	Percent
Yes	333	100%
Total	333	100%



2.1.2 Trip Details Questions

Are you still on your trip that crossed the Columbia River using the I-5 bridge?

	Count	Percent
Yes	209	63%
No	124	37%
Total	333	100%

Did/Will you complete your most recent trip across the Columbia River in one day or less?

	Count	Percent
Yes	282	85%
No	51	15%
Total	333	100%

If trip took more than one day: How many days <did/will> it take you to make your trip in one direction only across the Columbia River?

	Count	Percent
2 days	29	57%
3 days	10	20%
4 days	3	6%
5 days	3	6%
6 days or more	6	12%
Total	51	100%

What day did you make your most recent trip on I-5 across the Columbia River?

	Count	Percent
Monday	7	2%
Tuesday	62	19%
Wednesday	68	20%
Thursday	40	12%
Friday	71	21%
Saturday	75	23%
Sunday	10	3%
Total	333	100%



How long <was your trip/will your trip be>?

	Count	Percent
Less than 25 miles	17	5%
25-49 miles	17	5%
50-99 miles	13	4%
100-149 miles	24	7%
150-199 miles	47	14%
200-299 miles	40	12%
300-399 miles	25	8%
400-499 miles	11	3%
500-999 miles	72	22%
1,000 miles or more	67	20%
Total	333	100%

Approximately how long <did/will> it take you to make your trip?

	Count	Percent
Less than 1 hour	19	6%
1 hour-2 hour 59 minutes	47	14%
3 hours-4 hours 59 minutes	66	20%
5 hours-6 hours 59 minutes	35	11%
7 hours-8 hours 59 minutes	19	6%
9 hours-10 hours 59 minutes	54	16%
11 hours or more	93	28%
Total	333	100%

At approximately what time did you cross the Columbia River using the I-5 bridge?

	Count	Percent
AM Peak (6:00 - 9:59 AM)	67	20%
PM Peak (3:00 - 6:59 PM)	41	12%
Mid-day (10:00 AM - 2:59 PM)	104	31%
Night time (7:00 PM - 5:59 AM) or Weekend	121	36%
Total	333	100%



Did you experience any delay due to traffic congestion related to the I-5 bridge during your trip?

	Count	Percent
Yes	157	47%
No	176	53%
Total	333	100%

If experienced delay due to traffic congestion related to the I-5 bridge: How much delay did you experience due to traffic congestion related to the I-5 bridge?

	Count	Percent
Less than 30 minutes	55	35%
30-44 minutes	40	26%
45-59 minutes	19	12%
60-89 minutes	24	15%
90 minutes or more	19	12%
Total	157	100%

How many axles <did your vehicle have for your trip/does your vehicle have>?

	Count	Percent
2 axles	8	2%
3 axles	17	5%
4 axles	4	1%
5 axles	258	77%
6 axles	17	5%
7 axles	7	2%
8 axles or more	22	7%
Total	333	100%



How often do you make this same trip, in this direction?

	Count	Percent
6 or more times per week	13	4%
4-5 times per week	23	7%
2-3 times per week	57	17%
Once per week	40	12%
2-3 times per month	80	24%
Once per month	45	14%
Less than once per month	58	17%
I don't know	17	5%
Total	333	100%

Did you pay any tolls during your trip?

	Count	Percent
Yes	28	8%
No	305	92%
Total	333	100%

If paid any tolls during trip: How much did you pay in tolls on your trip?

	Count	Percent
Less than \$10.00	3	11%
\$10.00-19.99	5	18%
\$20.00-29.99	11	39%
\$30.00-39.99	1	4%
\$40.00-49.99	1	4%
\$50.00 or more	7	25%
Total	28	100%



**Do you currently have an electronic transponder in your vehicle for electronic toll collection?
Select all that apply.**

	Count	Percent
Yes, I have a GoodToGo! transponder	32	10%
Yes, I have another type of transponder	84	25%
No, I do not have a transponder	219	66%
Total	333	

2.1.3 Debrief and Opinion Questions

In the previous set of questions, what is the primary reason you never selected the I-5 bridge to make your trip?

	Count	Percent
Toll is too high	7	4%
Do not want to pay a toll	101	60%
Company policy not to pay tolls	3	2%
Time savings not worth the toll cost	40	24%
<i>If does not already own an ETC: Do not want to set up a transponder account</i>	2	1%
Other	15	9%
Total	168	100%

Based on the information that has been provided to you, which of the following best describes how you feel about the proposed tolling of the I-5 Columbia River Crossing?

	Count	Percent
Strongly favor	21	6%
Somewhat favor	26	8%
Neutral	69	21%
Somewhat opposed	48	14%
Strongly opposed	169	51%
Total	333	100%



If in favor of the tolling of the I-5 Columbia River Crossing: What is the primary reason you are in favor of the tolling of the I-5 Columbia River Crossing project?

	Count	Percent
Shorter travel time	9	19%
More reliable travel time	5	11%
Less congestion	7	15%
Improved roadway conditions	4	9%
Safer road conditions	6	13%
Increase/better transit options	8	17%
Added option for walking/biking	2	4%
Generates revenue for transportation improvements and maintenance	4	9%
Reduced emissions and improved air quality	2	4%
Total	47	100%

If in opposed to the tolling of the I-5 Columbia River Crossing: What is the primary reason you are opposed to the tolling of the I-5 Columbia River Crossing project?

	Count	Percent
Opposed to paying tolls in general	107	49%
Opposed to paying tolls on the I-5 bridge	35	16%
Toll cost are too high	25	12%
Do not like electronic toll collection	7	3%
Opposed to spending money on construction projects	5	2%
Other	38	18%
Total	217	100%



2.1.4 Company Information Questions

Where is your company's base of operations located?

	Count	Percent
Oregon	79	24%
Washington	48	14%
Other location within the U.S.	195	59%
Canada	8	2%
Other location outside of the U.S.	3	1%
Total	333	100%

If not an owner-operator: Approximately how many vehicles do you or your company operate?

	Count	Percent
19 or fewer	53	27%
20-99 vehicles	44	23%
100-499 vehicles	25	13%
500 vehicles	62	32%
I don't know	9	5%
Total	193	100%

What is the typical length of the trips you usually make?

	Count	Percent
Local (less than 50 miles)	8	2%
Short haul (50-199 miles)	24	7%
Medium haul (200-499 miles)	33	10%
Long haul (500 miles or more)	266	80%
I don't know	2	1%
Total	333	100%



Would you say you typically have a flexible or fixed delivery schedule?

	Count	Percent
Flexible	209	63%
Fixed	124	37%
Total	333	100%

If flexible delivery schedule: How much flexibility do you typically have in your shipment delivery schedule?

	Count	Percent
Less than 30 minutes	21	10%
30-59 minutes	50	24%
1 hour-1 hour and 59 minutes	40	19%
2 hours-3 hours and 59 minutes	35	17%
4 hours-5 hours and 59 minutes	11	5%
6 hours or more	52	25%
Total	209	100%

Do you have a penalty or incentive time frame structure for deliveries?

	Count	Percent
Penalty	72	22%
Incentive	26	8%
Both	47	14%
Neither	188	56%
Total	333	100%

Who is generally responsible for paying toll costs that you incur?

	Count	Percent
I pay tolls	117	35%
I pay tolls, but my company reimburses me	120	36%
My company pays tolls directly	69	21%
I never use toll roads	27	8%
Total	333	100%



How does your company typically charge customers for tolls?

	Count	Percent
Tolls are part of the total shipment cost	97	29%
Tolls are charged as a separate line item	40	12%
I don't know	161	48%
I never use toll roads	35	11%
Total	333	100%

What sources of information do you use when making route decisions? Select all that apply.

	Count	Percent
GPS	219	66%
None of the above	5	2%
Smartphone	75	23%
Road map	146	44%
Online mapping using a personal computer (i.e. GoogleMaps, MapQuest, etc.)	71	21%
PC Miler	27	8%
CB radio	44	13%
Local knowledge	123	37%
Traffic reports	73	22%
Other	20	6%
Total	333	

