

*Market Research  
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**MARKET RESEARCH REPORT:  
REGIONAL LAND TRANSPORT STRATEGY REVIEW**

**- DETAILED TABLES -**

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the Greater Wellington Regional Council*

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**SECTION 1. STATISTICAL NOTE.**

#### **4. STATISTICAL NOTE**

Sample surveys provide estimates of the actual percentages that would be obtained if the total target population were interviewed (i.e. a census).

Sampling theory, based on the Standard Normal Distribution, can be used to measure the estimated ‘margin of error’ that will apply to the sample, providing the respondents have been selected using random sampling procedures.

It should be noted that the ‘margin of error’ varies, according to:

- the observed percentage in the survey;
- the sample base on which the percentage is being calculated;
- and - the degree of confidence that is required for the study.

To illustrate this point, we have provided below the ‘margin of error’ that would apply at different percentage levels, on alternative base sizes and at two different confidence levels – 90% and 95% confidence.

SAMPLE SIZE (n)/ CONFIDENCE LEVELS	PERCENTAGE OBSERVATION:		
	50%	70% or 30%	90% or 10%
<b><u>90% CONFIDENCE</u></b>			
n=1200	±2.4%	+ 2.2%	+ 1.4%
n=1000	±2.6%	±2.4%	±1.6%
n=800	±2.9%	±2.7%	±1.7%
n=600	±3.3%	±3.1%	±2.0%
n=400	±4.1%	±3.7%	±2.5%
n=200	±5.7%	±5.3%	±3.5%
n=100	±8.2%	±7.5%	±4.9%
<b><u>95% CONFIDENCE</u></b>			
n=1200	±2.8%	±2.6%	±1.7%
n=1000	±3.1%	±2.8%	±1.9%
n=800	±3.5%	±3.2%	±2.1%
n=600	±4.0%	±3.7%	±2.4%
n=400	±4.9%	±4.5%	±2.9%
n=200	±6.9%	±6.3%	±4.1%
n=100	±9.8%	±9.0%	±5.9%

By way of example, if the survey of 800 randomly selected residents of the greater Wellington region shows that 50% hold a particular attitude, we can be 90% certain that the true percentage who hold that view would be 50% ±2.9%. Thus, the actual percentage would lie somewhere between 47.1% and 52.9%.

It should be noted that it requires four times the sample size to halve the ‘margin of error’.

Where appropriate, the results of this survey have been analysed by the Territorial Authority areas specified in 3.1.2 above. This has established meaningful sub-group bases of at least 70 respondents, which provides indicative results (± 10% at 90% confidence) of any differences that exist between areas. The three Wairarapa districts have been combined for analysis purposes, to provide the effective base size.

**SECTION 2. THE TABULATED DATA.**

TABLE 1: MODE OF TRAVEL MAINLY USED BY PEOPLE IN THE RESPONDENT BUSINESSES FOR SPECIFIC PURPOSES

Base: Total respondents who participated in the business survey

MODE OF TRAVEL	TRANSPORTING GOODS OR EQUIPMENT	TRAVELLING TO BUSINESS MEETINGS	COMMUTING
	Bases: 100	100	100
	%	%	%
Motor vehicle - car	17	68	70
- van	18	19	17
- truck	45	-	-
- motorcycle	-	-	-
Taxi	-	3	-
Bus	-	-	3
Train	-	-	3
Walking	-	4	6
Cycle	-	2	1
Courier	14	-	-
Don't Know/Can't Say	6	4	-
TOTAL BUSINESS RESPONDENTS	100%	100%	100%



TABLE 2: HOW THE PUBLIC RATE TRAVEL IN THE GREATER WELLINGTON REGION, BY DIFFERENT MODES OF TRANSPORT, IN TERMS OF EASE, RELIABILITY AND SAFETY

Base: Total respondents in each group

(a) PRIVATE MOTOR VEHICLE Bases:	RESIDENTIAL			BUSINESS		
	EASE OF TRAVEL 800	RELIABILITY 800	SAFETY 800	EASE OF TRAVEL 100	RELIABILITY 100	SAFETY 100
Ratings: 10 (Very Positive)	%	%	%	%	%	%
9	13	28	16	21	15	15
8	11	14	19	6	24	21
7	21	21	23	34	25	28
6	13	12	16	9	18	12
5	12	8	10	6	2	9
4	12	8	7	15	14	15
3	7	2	3	3	1	-
2	5	3	3	3	1	-
1 (Not at all positive)	2	2	2	-	-	-
	4	2	1	3	-	-
TOTAL RESPONDENTS	100%	100%	100%	100%	100%	100%
Average (mean) rating	6.7	7.7	7.5	7.3	7.8	7.8

TABLE 2: HOW THE PUBLIC RATE TRAVEL IN THE GREATER WELLINGTON REGION, BY DIFFERENT MODES OF TRANSPORT, IN TERMS OF EASE, RELIABILITY AND SAFETY

Base: Total respondents in each group

(b) TRAIN	RESIDENTIAL			BUSINESS		
	EASE OF TRAVEL 800	RELIABILITY 800	SAFETY 800	EASE OF TRAVEL 100	RELIABILITY 100	SAFETY 100
Ratings: 10 (Very Positive)	%	%	%	%	%	%
9	9	4	16	12	6	29
8	11	13	23	18	15	34
7	20	21	26	13	19	15
6	16	19	13	9	12	3
5	17	11	7	3	15	6
4	15	14	9	12	12	6
3	4	7	2	6	4	-
2	2	4	1	18	4	-
1 (Not at all positive)	2	5	-	1	3	1
	4	2	3	8	10	6
TOTAL RESPONDENTS	100%	100%	100%	100%	100%	100%
Average (mean) rating	6.7	6.5	7.8	6.1	6.3	8.1

TABLE 2: HOW THE PUBLIC RATE TRAVEL IN THE GREATER WELLINGTON REGION, BY DIFFERENT MODES OF TRANSPORT, IN TERMS OF EASE, RELIABILITY AND SAFETY

Base: Total respondents in each group

(c) BUS	RESIDENTIAL			BUSINESS		
	EASE OF TRAVEL	RELIABILITY	SAFETY	EASE OF TRAVEL	RELIABILITY	SAFETY
Bases:	800	800	800	100	100	100
	%	%	%	%	%	%
Ratings: 10 (Very Positive)	10	4	8	6	4	16
9	9	10	26	15	13	22
8	16	22	24	9	13	25
7	21	19	17	19	24	15
6	15	15	9	18	7	10
5	13	16	8	13	23	3
4	5	4	1	3	3	-
3	4	3	1	2	-	-
2	3	3	3	3	3	-
1 (Not at all positive)	4	4	3	12	10	9
TOTAL RESPONDENTS	100%	100%	100%	100%	100%	100%
Average (mean) rating	6.5	6.4	7.4	6.1	6.1	7.5

TABLE 2: HOW THE PUBLIC RATE TRAVEL IN THE GREATER WELLINGTON REGION, BY DIFFERENT MODES OF TRANSPORT, IN TERMS OF EASE, RELIABILITY AND SAFETY

Base: Total respondents in each group

(d) CYCLE Bases:	RESIDENTIAL			BUSINESS		
	EASE OF TRAVEL 800	RELIABILITY 800	SAFETY 800	EASE OF TRAVEL 100	RELIABILITY 100	SAFETY 100
	%	%	%	%	%	%
Ratings: 10 (Very Positive)	8	11	1	12	6	2
9	7	11	1	6	7	1
8	16	20	8	9	19	3
7	5	10	8	9	20	6
6	9	10	12	25	19	3
5	15	15	18	13	3	28
4	10	4	15	3	-	12
3	5	2	11	8	10	27
2	10	6	11	-	3	9
1 (Not at all positive)	15	11	15	15	13	9
TOTAL RESPONDENTS	100%	100%	100%	100%	100%	100%
Average (mean) rating	5.3	6.2	4.3	5.8	5.9	4.1

TABLE 2: HOW THE PUBLIC RATE TRAVEL IN THE GREATER WELLINGTON REGION, BY DIFFERENT MODES OF TRANSPORT, IN TERMS OF EASE, RELIABILITY AND SAFETY

Base: Total respondents in each group

(e) WALKING	RESIDENTIAL			BUSINESS		
	EASE OF TRAVEL	RELIABILITY	SAFETY	EASE OF TRAVEL	RELIABILITY	SAFETY
Bases:	800	800	800	100	100	100
	%	%	%	%	%	%
Ratings: 10 (Very Positive)	21	27	8	6	13	3
9	13	15	15	22	16	18
8	22	24	23	9	23	9
7	15	12	14	21	19	15
6	7	7	7	15	7	9
5	8	7	15	6	10	25
4	3	2	5	-	-	6
3	3	2	7	3	2	3
2	4	2	3	1	-	3
1 (Not at all positive)	4	2	3	17	10	9
TOTAL RESPONDENTS	100%	100%	100%	100%	100%	100%
Average (mean) rating	7.2	7.8	6.6	6.3	7.0	6.0

TABLE 3: AMOUNT OF IMPACT THAT THE REGION'S TRANSPORT SYSTEM IS CONSIDERED TO HAVE ON THE ENVIRONMENT

Base: Total respondents in each group

			RESIDENTIAL BREAKDOWNS							
			TOTAL		SEX		AGE (YEARS)			
IMPACT ON THE ENVIRONMENT		RESIDENTIAL	BUSINESS	MALE	FEMALE	14-29	30-39	40-49	50-59	60+
Bases:		800	100	375	425	169	111	136	128	256
		%	%	%	%	%	%	%	%	%
Ratings	10 (High level of impact)	5	10	4	5	2	7	6	6	3
	9	9	13	12	6	2	4	9	13	13
	8	20	16	16	24	24	26	21	29	10
	7	15	29	13	17	20	23	21	14	7
	6	16	3	15	16	13	11	13	10	26
	5	18	16	15	20	17	19	15	13	21
	4	7	3	8	6	7	4	3	6	10
	3	6	7	9	4	15	-	6	6	3
	2	3	-	6	2	-	3	3	3	7
	1 (Low level of impact)	1	3	2	-	-	3	3	-	-
TOTAL RESPONDENTS		100%	100%	100%	100%	100%	100%	100%	100%	100%
Average (mean) rating		6.3	6.8	6.1	6.5	6.1	6.6	6.5	6.8	6.0

TABLE 3: AMOUNT OF IMPACT THAT THE REGION'S TRANSPORT SYSTEM IS CONSIDERED TO HAVE ON THE ENVIRONMENT

Base: Total respondents in each group

IMPACT ON THE ENVIRONMENT		RESIDENTIAL BREAKDOWNS										
		HOUSEHOLD INCOME (PRE-TAX) PER ANNUM					AREA					
		Up to \$30k	Over \$30-50k	Over \$50-70k	Over \$70K	DK/Refused	KAPITI	PORIRUA	WGTN	LOWER HUTT	UPPER HUTT	W'RAPA
Bases:		176	152	131	258	83	80	90	309	180	69	72
		%	%	%	%	%	%	%	%	%	%	%
Ratings	10 (High level of impact)	7	3	3	6	1	23	1	1	7	1	-
	9	11	11	9	6	6	10	6	4	9	15	25
	8	12	14	34	24	16	5	6	23	20	32	31
	7	12	10	19	23	-	14	22	15	13	10	19
	6	19	22	7	15	18	10	18	18	13	26	10
	5	23	19	10	18	17	24	25	18	18	9	10
	4	7	8	9	2	16	9	10	9	5	2	-
	3	2	10	6	3	15	5	5	7	9	4	-
	2	5	1	3	3	10	-	4	4	4	1	5
	1 (Low level of impact)	2	2	-	-	1	-	3	x	2	-	-
TOTAL RESPONDENTS		100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Average (mean) rating		6.2	6.0	6.7	6.7	5.2	6.9	5.7	6.0	6.3	6.9	7.3

TABLE 4: AMOUNT OF IMPACT THAT THE REGION'S TRANSPORT SYSTEM IS CONSIDERED TO HAVE ON THE AIR QUALITY

Base: Total respondents in each group

IMPACT ON THE AIR QUALITY Bases:	TOTAL		RESIDENTIAL BREAKDOWNS						
	RESIDENTIAL 800	BUSINESS 100	SEX		AGE (YEARS)				
			MALE 375	FEMALE 425	14-29 169	30-39 111	40-49 136	50-59 128	60+ 256
Ratings	%	%	%	%	%	%	%	%	%
10 (Very good air quality)	9	12	9	9	5	8	6	9	14
9	24	27	28	20	17	15	18	35	29
8	25	28	28	22	32	27	33	13	21
7	20	15	18	22	24	31	18	17	16
6	9	3	8	10	7	12	9	10	8
5	8	3	3	12	5	3	12	9	8
4	3	6	4	3	10	4	2	3	1
3	1	3	1	1	-	-	2	1	2
2	1	3	1	x	-	-	-	3	x
1 (Very poor air quality)	x	-	-	1	-	-	-	-	1
TOTAL RESPONDENTS	100%	100%	100%	100%	100%	100%	100%	100%	100%
Average (mean) rating	7.6	7.6	7.8	7.4	7.3	7.5	7.4	7.5	7.8



TABLE 4: AMOUNT OF IMPACT THAT THE REGION'S TRANSPORT SYSTEM IS CONSIDERED TO HAVE ON THE AIR QUALITY

Base: Total respondents in each group

IMPACT ON THE AIR QUALITY		RESIDENTIAL BREAKDOWNS										
		HOUSEHOLD INCOME (PRE-TAX) PER ANNUM					AREA					
		Up to \$30k	Over \$30-50k	Over \$50-70k	Over \$70K	DK/Refused	KAPITI	PORIRUA	WGTN	LOWER HUTT	UPPER HUTT	W'RAPA
Bases:		176	152	131	258	83	80	90	309	180	69	72
		%	%	%	%	%	%	%	%	%	%	%
Ratings	10 (Very good air quality)	12	11	6	7	14	10	11	8	4	6	25
	9	21	32	32	19	14	29	20	17	34	16	35
	8	21	24	22	29	25	33	17	31	20	28	10
	7	13	16	19	32	7	5	12	25	19	33	15
	6	12	6	6	11	3	10	13	10	6	6	6
	5	12	8	9	2	15	9	20	6	8	6	-
	4	5	3	3	-	16	4	6	3	4	5	-
	3	2	-	3	-	-	-	1	-	4	-	-
	2	-	-	-	-	6	-	-	-	1	-	5
	1 (Very poor air quality)	2	-	-	-	-	-	-	-	-	-	4
TOTAL RESPONDENTS		100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Average (mean) rating		7.3	7.9	7.6	7.7	6.8	7.6	7.2	7.6	7.5	7.5	8.0

TABLE 5: AMOUNT OF IMPACT THAT THE REGION'S TRANSPORT SYSTEM IS CONSIDERED TO HAVE ON CLIMATE CHANGE, GREENHOUSE GASES & CARBON DIOXIDE LEVELS

Base: Total respondents in each group

		TOTAL		RESIDENTIAL BREAKDOWNS						
		RESIDENTIAL	BUSINESS	SEX		AGE (YEARS)				
IMPACT ON CLIMATE CHANGE, GREENHOUSE GASES, CO <sup>2</sup>				MALE	FEMALE	14-29	30-39	40-49	50-59	60+
Bases:		800	100	375	425	169	111	136	128	256
		%	%	%	%	%	%	%	%	%
Ratings	10 (High level of impact)	4	11	2	5	-	-	6	9	4
	9	7	28	5	9	8	15	3	3	7
	8	18	28	22	15	18	11	15	39	14
	7	22	15	25	20	18	33	35	17	17
	6	15	4	16	14	17	23	15	10	12
	5	13	3	10	16	15	11	7	6	20
	4	10	5	9	11	15	7	7	10	10
	3	5	3	6	5	5	-	9	3	6
	2	3	2	2	3	4	-	3	3	2
	1 (Low level of impact)	3	1	3	2	-	-	-	-	8
TOTAL RESPONDENTS		100%	100%	100%	100%	100%	100%	100%	100%	100%
Average (mean) rating		6.2	7.6	6.2	6.2	6.0	6.7	6.4	6.9	5.8

TABLE 5: AMOUNT OF IMPACT THAT THE REGION'S TRANSPORT SYSTEM IS CONSIDERED TO HAVE ON CLIMATE CHANGE, GREENHOUSE GASES & CARBON DIOXIDE LEVELS

Base: Total respondents in each group

IMPACT ON CLIMATE CHANGE, GREENHOUSE GASES, CO <sup>2</sup>		RESIDENTIAL BREAKDOWNS									
		HOUSEHOLD INCOME (PRE-TAX) PER ANNUM					AREA				
		Up to \$30k 176	Over \$30-50k 152	Over \$50-70k 131	Over \$70K 258	DK/ Refused 83	KAPITI 80	PORIRUA 90	WGTN 309	LOWER HUTT 180	UPPER HUTT 69
	Bases:										
Ratings		%	%	%	%	%	%	%	%	%	%
10 (High level of impact)		5	5	3	4	-	5	-	3	6	11
9		3	5	10	11	-	9	1	6	7	12
8		20	18	20	16	20	11	7	24	19	12
7		18	21	19	26	25	5	52	15	28	23
6		17	13	17	13	16	20	5	22	8	13
5		15	24	8	12	4	21	18	7	21	12
4		12	5	7	8	24	19	4	14	5	6
3		7	3	3	5	10	6	4	5	2	11
2		1	3	9	2	-	4	1	3	2	-
1 (Low level of impact)		2	3	4	3	1	-	8	1	2	-
TOTAL RESPONDENTS		100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Average (mean) rating		6.1	6.2	6.1	6.4	5.8	5.8	5.9	6.3	6.6	6.7

TABLE 6: THE “THREE CHANGES RELATING TO THE REGION’S TRANSPORT NETWORK” THAT RESPONDENTS WOULD LIKE TO SEE

Base: Total respondents in each group

SUGGESTED CHANGES		RESIDENTIAL 800	BUSINESS 100
		%	%
<b>(a) PUBLIC TRANSPORT IN GENERAL</b>			
	Encourage the use of public transport	27	21
	Introduce “ <i>combined travel</i> ” cards	7	4
<b>(b) BUSES</b>			
	Introduce additional/extended bus routes	8	8
	Increase the frequency of bus services	6	7
	More buses that circulate the city	3	7
	Have seatbelts on buses	4	4
	Access for disabled/elderly people on buses	4	-
	Ensure that buses run to time	2	7
	Have bus priority/more bus-only lanes	1	3
	Buses should have cycle storage/capacity	3	1
	Miscellaneous	5	4

TABLE 6: THE “THREE CHANGES RELATING TO THE REGION’S TRANSPORT NETWORK” THAT RESPONDENTS WOULD LIKE TO SEE (continued)

Base: Total respondents in each group

SUGGESTED CHANGES		RESIDENTIAL 800	BUSINESS 100
		%	%
<b>(c) TRAINS</b>			
	Modernise/upgrade the trains/rail system	20	11
	Increase the frequency of train services	13	9
	Introduce ‘light rail’ or ‘monorail’ to Wellington/the CBD	10	3
	Improve/extend rail links	10	8
	More carriages/capacity on trains	3	4
	Improve the reliability of the train service	4	1
	Address safety on trains	3	-
	Miscellaneous	4	1
<b>(d) CYCLING RELATED SUGGESTIONS</b>			
	Make roads more cyclist friendly/safe (with more cycle lanes)	17	18
	Upgrade the Hutt to Wellington cycleway	3	1
	Promote cycling in general	2	1
	Introduce secure cycle parks	2	1
	Miscellaneous	1	1

TABLE 6: THE “THREE CHANGES RELATING TO THE REGION’S TRANSPORT NETWORK” THAT RESPONDENTS WOULD LIKE TO SEE (continued)

Base: Total respondents in each group

SUGGESTED CHANGES		RESIDENTIAL 800	BUSINESS 100
		%	%
<b>(e) ROADING</b>			
	Upgrade/improve roads	19	24
	Prioritise Transmission Gully/A second access route	14	23
	Improve the safety of roads/road safety	9	2
	Improve/install roundabouts at intersections	4	4
	Don't take so long on road works	3	4
	Miscellaneous	6	2
<b>(f) REDUCE VEHICLE USE</b>			
	Encourage car-pooling/ride-sharing	5	5
	Discourage high car usage, especially in the CBD	8	8
	Discourage the use of large vehicles/heavy traffic	3	3

TABLE 6: THE “THREE CHANGES RELATING TO THE REGION’S TRANSPORT NETWORK” THAT RESPONDENTS WOULD LIKE TO SEE (continued)

Base: Total respondents in each group

SUGGESTED CHANGES	RESIDENTIAL 800	BUSINESS 100
	%	%
<u>(g) ENVIRONMENTAL</u>		
Replace petrol with electricity (and other more environmentally friendly fuels)	11	5
Have cleaner fuel/air (reduce vehicle emissions)	2	3
<u>(h) WALKING RELATED SUGGESTIONS</u>		
Better/more walking tracks and pathways are required	5	-
<u>(i) ALL OTHER SUGGESTIONS</u>	7	15
RESPONDENTS WHO GAVE A SUGGESTION	99%	98%
Average number of suggestions given	2.6	2.3

TABLE 7(a): EXTENT TO WHICH RESIDENTIAL RESPONDENTS WOULD BE PREPARED TO PAY FOR ‘THE THREE CHANGES’ THEY IDENTIFIED IN TABLE 6

Base: Total residential respondents (800)

COST OF CHANGES TO AVERAGE HOUSEHOLD SPEND (PER WEEK)	PREPARED TO PAY?					TOTAL RESIDENTIAL RESPONDENTS
	Definitely	Probably	Probably Not	Definitely Not	Unsure	
	%	%	%	%	%	%
\$100	5	14	17	62	2	100
\$50	15	19	13	51	2	100
\$25	32	20	7	39	2	100
\$12	49	19	6	25	1	100
\$6	62	15	3	19	1	100



TABLE 7(b): AMOUNT PER WEEK THAT RESPONDENT BUSINESSES ESTIMATE THEY SPEND ON TRAVEL & TRANSPORT RELATED COSTS IN THE GREATER WELLINGTON AREA

Base: Total business respondents (100)

AMOUNT PER WEEK	TOTAL BUSINESS RESPONDENTS
	%
Up to \$1,000	73
Over \$1,000 to \$2,000	9
Over \$2,000 to \$5,000	4
Over \$5,000 to \$10,000	5
Over \$10,000	9
TOTAL	100%

TABLE 7(c): PERCEIVED VALUE THAT BUSINESS RESPONDENTS ESTIMATE ‘THE THREE CHANGES’ IDENTIFIED IN TABLE 6 WOULD BE LIKELY TO CONTRIBUTE TO THEIR BUSINESS OPERATIONS

Base: Total business respondents (100)

PERCENTAGE MORE PER WEEK (IN RELATION TO CURRENT TRAVEL & TRANSPORT COSTS)	WOULD CONTRIBUTE THE PERCENTAGE STATED?					TOTAL BUSINESS RESPONDENTS
	Definitely	Probably	Probably Not	Definitely Not	Unsure	
	%	%	%	%	%	%
100%	2	4	3	82	9	100
50%	5	7	14	65	9	100
25%	11	16	23	41	9	100
12%	31	29	21	12	7	100
6%	56	31	6	3	4	100

TABLE 8(a): WHAT IS MORE IMPORTANT – INVESTING IN ROADS, OR INVESTING IN PUBLIC TRANSPORT?

Base: Total respondents in each group

WHAT IS MORE IMPORTANT? Bases:	TOTAL		RESIDENTIAL BREAKDOWNS						
	RESIDENTIAL	BUSINESS	SEX		AGE (YEARS)				
			MALE	FEMALE	14-29	30-39	40-49	50-59	60+
	800	100	375	425	169	111	136	128	256
	%	%	%	%	%	%	%	%	%
Investing in roads, to improve capacity, safety and reliability	23	33	23	23	22	30	15	16	29
Investing in public transport, to improve capacity, quality, reliability and provide alternatives to car travel	61	58	63	59	68	58	65	65	52
Both	16	9	14	18	10	12	20	19	19
TOTAL RESPONDENTS	100%	100%	100%	100%	100%	100%	100%	100%	100%

TABLE 8(a): WHAT IS MORE IMPORTANT – INVESTING IN ROADS, OR INVESTING IN PUBLIC TRANSPORT?

Base: Total respondents in each group

WHAT IS MORE IMPORTANT? Bases:	RESIDENTIAL BREAKDOWNS										
	HOUSEHOLD INCOME (PRE-TAX) PER ANNUM					AREA					
	Up to \$30k	Over \$30-50k	Over \$50-70k	Over \$70k	DK/Refused	KAPITI	PORIRUA	WGTN	LOWER HUTT	UPPER HUTT	W'RAPA
	176	152	131	258	83	80	90	309	180	69	72
	%	%	%	%	%	%	%	%	%	%	%
Investing in roads, to improve capacity, safety and reliability	19	13	26	23	48	19	40	20	17	20	40
Investing in public transport, to improve capacity, quality, reliability and provide alternatives to car travel	60	61	55	69	42	52	50	66	61	65	50
Both	21	26	19	8	10	29	10	14	22	15	10
TOTAL RESPONDENTS	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

TABLE 8(b): THE PROPORTION OF FUNDING THAT RESPONDENTS WOULD ALLOCATE TO EACH OPTION  
(ROADS v's PUBLIC TRANSPORT)

Base: Total respondents in each group

PROPORTION OF FUNDING		RESIDENTIAL 800	BUSINESS 100
<u>Roads</u>	: <u>Public Transport</u>	%	%
100	0	3	8
95	5	1	3
90	10	1	1
85	15	x	1
80	20	5	1
75	25	4	6
70	30	3	5
65	35	1	1
60	40	4	6
55	45	x	1
50	50	26	16
45	55	1	1
40	60	17	2
35	65	1	1
30	70	9	19
25	75	5	15
20	80	8	6
15	85	2	1
10	90	3	2
5	95	2	1
0	100	3	3
TOTAL RESPONDENTS		100%	100%

TABLE 9(a): THE MAIN PURPOSES FOR WHICH RESIDENTS TRAVEL

Base: Total respondents in the residential sample

MAIN PURPOSES OF TRAVEL	TOTAL RESIDENTIAL 800
Base	%
To travel to/from work	63
To visit the shops	41
To visit friends/relatives	37
To attend sports or recreation	15
To travel to/from a place of education, e.g. school, university	12
To take children to/from school, pre-school, or day-care	7
To attend business meetings/appointments	5
To attend private meetings/appointments	3
To attend church/a place of worship	2
Other	15
TOTAL RESIDENTIAL RESPONDENTS	100%
Average number of ' <i>main purposes</i> ' nominated (out of 2 requested)	2.0

TABLE 9(b): MODE OF TRANSPORT MAINLY USED BY RESIDENTS FOR THEIR 'MAIN PURPOSE TRIPS'

Base: Total respondents who nominated each 'main purpose trip'

MAIN PURPOSE TRIPS	Bases	MAIN MODE OF TRAVEL								TOTAL
		PRIVATE MOTOR VEHICLE	TAXI	BUS	TRAIN	WALKING	CYCLE	CAR SHARE	OTHER	
		%	%	%	%	%	%	%	%	%
Travel to/from work	503	53	1	13	17	10	5	x	1	100
To visit the shops	331	72	1	9	1	10	4	1	2	100
To visit friends/relatives	299	67	-	12	8	9	1	1	2	100
To attend sports or recreation	120	69	1	3	7	10	7	3	-	100
To travel to/from a place of education, e.g. school, university	96	46	-	21	8	19	5	1	-	100
To take children to/from school, pre-school, etc	52	73	2	4	2	15	4	-	-	100
To attend business or private meetings/appointments	60	60	-	13	7	20	-	-	-	100
To attend church/a place of worship	16	75	-	-	-	25	-	-	-	100
Other purposes	123	76	2	9	3	4	1	2	3	100

TABLE 9(c): EXTENT TO WHICH THE COST OF THE TRIP IS A MAJOR, MODERATE, OR MINOR CONSIDERATION

Base: Total respondents who nominated each 'main purpose trip'

MAIN PURPOSE OF TRIP	Bases	THE COST OF THE TRIP IS:				TOTAL
		A major consideration	A moderate consideration	A minor consideration	Not a consideration	
		%	%	%	%	%
<u>RESIDENTIAL</u>						
- Travel to/from work	503	13	21	16	44	100
- To visit the shops	331	10	14	18	58	100
- To visit friends/relatives	299	21	17	26	36	100
- To attend sports or recreation	120	7	17	17	59	100
- To travel to/from a place of education	96	52	19	5	24	100
- To take children to/from school, pre-school, etc	52	15	17	26	42	100
- To attend business or private meetings/appointments	60	25	6	12	57	100
- To attend church/a place of worship	16	-	25	-	75	100
- Other purposes	123	13	7	10	70	100
<u>BUSINESS</u>						
- Transporting goods and equipment	94	15	21	15	49	100
- Travelling to business meetings	96	3	16	19	62	100



TABLE 9(d): EXTENT TO WHICH THE COST OF THE TRIP INFLUENCES HOW OFTEN RESPONDENTS MAKE IT

Base: Total respondents who nominated each 'main purpose trip'

MAIN PURPOSE OF TRIP	Bases	THE COST INFLUENCES THE FREQUENCY OF THE TRIP					TOTAL
		On all occasions	Quite often	Sometimes	Hardly ever	Never	
		%	%	%	%	%	%
<u>RESIDENTIAL</u>							
- Travel to/from work	503	13	5	6	10	66	100
- To visit the shops	331	4	14	18	17	47	100
- To visit friends/relatives	299	10	22	12	13	43	100
- To attend sports or recreation	120	10	3	7	31	49	100
- To travel to/from a place of education	96	24	14	9	14	39	100
- To take children to/from school, pre-school, etc	52	8	8	13	8	63	100
- To attend business or private meetings/appointments	60	-	12	21	10	57	100
- To attend church/a place of worship	16	-	-	19	6	75	100
- Other purposes	123	6	4	7	10	73	100
<u>BUSINESS</u>							
- Transporting goods and equipment	94	6	6	16	3	69	100
- Travelling to business meetings	96	6	6	15	3	70	100

TABLE 10(a): IMPORTANCE OF SPECIFIC CONSIDERATIONS IN INFLUENCING HOW THE **RESIDENTIAL** RESPONDENTS TRAVEL

Base: Total residential respondents in the survey (800)

CONSIDERATIONS	Very Important	Quite Important	Neither Important nor Unimportant	Not Very Important	Not At All Important	TOTAL
	%	%	%	%	%	%
Total journey time	36	37	13	7	7	100
Cost of the trip	17	32	17	20	14	100
Convenience	53	33	6	6	2	100
Reliability of journey time	56	34	7	2	1	100
Safety	56	27	10	3	4	100
Environmental impacts	17	38	23	12	10	100
Health benefits from physical activity	43	24	14	11	8	100
Air quality	33	25	22	12	8	100

TABLE 10(b): IMPORTANCE OF SPECIFIC CONSIDERATIONS IN INFLUENCING HOW THE **BUSINESS** RESPONDENTS TRAVEL

Base: Total business respondents in the survey (100)

CONSIDERATIONS	Very Important	Quite Important	Neither Important nor Unimportant	Not Very Important	Not At All Important	TOTAL
	%	%	%	%	%	%
Total journey time	40	27	12	9	12	100
Cost of the trip	24	25	12	13	26	100
Convenience	57	28	12	3	-	100
Reliability of journey time	64	27	6	3	-	100
Safety	61	33	1	5	-	100
Environmental impacts	21	15	34	3	27	100
Health benefits from physical activity	23	14	13	11	39	100
Air quality	18	18	22	6	36	100

TABLE 11(a): AWARENESS OF THE REGIONAL LAND TRANSPORT STRATEGY (RLTS)

Base: Total respondents in each group

HAVE YOU SEEN OR HEARD OF THE RLTS?	RESIDENTIAL 800	BUSINESS 100
	%	%
Yes	44	47
No	53	45
Unsure	3	8
TOTAL RESPONDENTS	100%	100%

TABLE 11(b): AWARENESS OF THE REGIONAL LAND TRANSPORT STRATEGY (RLTS) – BY RESIDENTIAL DEMOGRAPHICS

Base: Total respondents in each group

HAVE YOU SEEN OR HEARD OF THE RLTS?	TOTAL RESIDENTIAL	SEX		AGE (YEARS)			AREA					
		MALE	FEMALE	14-29	30-49	50+	KAPITI	PORIRUA	WGTN	LOWER HUTT	UPPER HUTT	W'RAPA
Bases:	800	375	425	169	247	384	80	90	309	180	69	72
	%	%	%	%	%	%	%	%	%	%	%	%
Yes	44	50	39	22	38	57	61	47	37	43	48	49
No	53	48	57	68	61	41	39	53	56	55	52	51
Unsure	3	2	4	10	1	2	-	-	7	2	-	-
TOTAL	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

TABLE 11(c): SOURCE OF AWARENESS OF THE REGIONAL LAND TRANSPORT STRATEGY (RLTS)

Base: Respondents in each group who had heard of the RLTS

SOURCE OF AWARENESS OF THE RLTS	RESIDENTIAL	BUSINESS
Bases:	351	47
	%	%
Have obtained a copy of the document	9	13
In the DominionPost	23	9
In a local Community Newspaper	22	15
Received a summary document in the letterbox	38	15
On the radio	8	-
On television	9	11
On a website	2	6
At work	2	17
Other (e.g. meeting, seminar, university, with rates bill, Fair Go, word-of-mouth)	7	17
RESPONDENTS NAMING A SOURCE	99%	100%
Average number of sources named	1.20	1.03

TABLE 11(d): WAY IN WHICH THE RLTS WAS RAISED ON THE RADIO

Base: Respondents who named the radio as a source of awareness of the RLTS

IT WAS RAISED	TOTAL
	29
	%
On the news segment	52
As a topic of talkback discussion	38
In an interview with a transport representative	10
TOTAL	100%

TABLE 12: DETAILS OF **RESIDENTIAL** RESPONDENTS TRAVEL IN THE FOLLOWING TIME PERIODS

Base: Total residential respondents (800)

DETAILS		PEAK TIME (Weekdays 7 to 9am and 4 to 6pm)	OFF-PEAK WEEKDAYS	WEEKENDS
		%	%	%
<b>(a) FREQUENCY OF TRAVEL</b>				
-	Always	36	18	16
-	Often	13	34	40
-	Occasionally	31	42	37
-	Never	20	6	7
TOTAL		100%	100%	100%
<b>(b) MAIN MODE OF TRAVEL</b>				
-	Private motor vehicle	47	59	66
-	Taxi	1	1	1
-	Bus	13	11	8
-	Train	11	6	6
-	Ferry	x	-	-
-	Walking	5	14	9
-	Cycle	2	2	2
-	Other	1	1	1
TOTAL WHO TRAVEL		80%	94%	93%



TABLE 13: TIME PERIODS IN WHICH **BUSINESS** TRAVEL (EXCLUDING STAFF JOURNEYS TO/FROM WORK) IS MAINLY UNDERTAKEN

Base: Total business respondents (100)

BUSINESS TRAVEL IS MAINLY IN:	TOTAL
	%
The peak time (weekdays 7 to 9 am and 4 to 6pm)	24
Off-peak weekdays	24
Both of the above (peak time and off-peak weekdays)	28
Weekends	2
All three time periods (peak time, off-peak weekdays, and weekends)	22
TOTAL	100%

TABLE 14: EXTENT TO WHICH ACCESS OR AVAILABILITY OF GOOD PUBLIC TRANSPORT SERVICES AFFECTS STAFF RECRUITMENT IN RESPONDENTS' BUSINESSES

Base: Total business respondents (100)

IT AFFECTS STAFF RECRUITMENT	TOTAL
	%
A lot	6
A little	26
Not at all	68
TOTAL	100%

TABLE 15: EXTENT TO WHICH TRANSPORT CONSIDERATIONS HAVE INFLUENCED THE LOCATION OF RESPONDENTS' BUSINESSES

Base: Total business respondents (100)

TRANSPORT CONSIDERATIONS HAVE INFLUENCED BUSINESS LOCATION:	TOTAL
	%
A lot	21
A little	33
Not at all	46
TOTAL	100%

TABLE 16: SAMPLE PROFILE – RESIDENTIAL RESPONDENTS

Base: Total residential respondents in the survey

PROFILE		Base:	TOTAL
			800
			%
<b>(a) GENDER:</b>			
	Male		47
	Female		53
	TOTAL		100%
<b>(b) AGE:</b>			
	14 – 29 years		21
	30 – 39		14
	40 – 49		17
	50 – 59		16
	60+		32
	TOTAL		100%

TABLE 16: SAMPLE PROFILE – RESIDENTIAL RESPONDENTS (continued)

Base: Total residential respondents in the survey

PROFILE		Base:	TOTAL
			800
			%
<u>(c) ANNUAL HOUSEHOLD INCOME (PRE-TAX):</u>			
	Up to \$30k		22
	Over \$30 – 50k		19
	Over \$50 – 70k		16
	Over \$70k		32
	Don't know/refused		11
	TOTAL		100%

TABLE 16: SAMPLE PROFILE – RESIDENTIAL RESPONDENTS (continued)

Base: Total residential respondents in the survey

PROFILE		TOTAL
		800
		%
<b>(d) AREA:</b>		
	Kapiti Coast	10
	Porirua City	11
	Wellington City	39
	Lower Hutt City	22
	Upper Hutt City	9
	Wairarapa District	9
	TOTAL	100%
<b>(e) NUMBER OF PEOPLE 15+ YEARS OF AGE IN THE HOUSEHOLD:</b>		
	One	15
	Two	51
	Three	19
	Four	8
	Five or more	4
	Would not say	3
	TOTAL	100%

TABLE 16: SAMPLE PROFILE – RESIDENTIAL RESPONDENTS (continued)

Base: Total residential respondents in the survey

PROFILE		TOTAL
		800
		%
<u>(f) NUMBER OF HOUSEHOLD MEMBERS WITH DRIVERS LICENCES:</u>		
One		24
Two		53
Three		15
Four		3
Five or more		1
Would not say		4
TOTAL		100%
<u>(g) NUMBER OF REGISTERED VEHICLES IN THE HOUSEHOLD:</u>		
One		41
Two		36
Three		10
Four		2
Five or more		2
Would not say		9
TOTAL		100%

TABLE 17: SAMPLE PROFILE – BUSINESS RESPONDENTS

Base: Total business respondents in the survey

PROFILE		TOTAL
		100
		%
<b>(a) GENDER:</b>		
Male		49
Female		51
TOTAL		100%
<b>(b) INDUSTRY SECTOR:</b>		
Retail/wholesale		14
Manufacturing		11
Engineering		9
Automotive		9
Building/construction		10
Hospitality/tourism		10
Recreation		3
Transport		8
I.T./Communications		6
Financial		5
Professional services		6
Public sector		6
Other		3
TOTAL		100%



TABLE 17: SAMPLE PROFILE – BUSINESS RESPONDENTS (continued)

Base: Total business respondents in the survey

PROFILE		TOTAL
		100
		%
<u>(c) NUMBER OF FULL-TIME EMPLOYEES IN THE WELLINGTON REGION</u>		
	0 – 5	33
	6 – 10	15
	10 – 15	16
	16 – 20	9
	21 – 30	3
	31 – 50	6
	51 – 100	12
	More than 100	6
	TOTAL	100%

TABLE 17: SAMPLE PROFILE – BUSINESS RESPONDENTS (continued)

Base: Total business respondents in the survey

PROFILE		Base:	TOTAL 100
			%
<b>(d) ANNUAL BUSINESS TURNOVER</b>			
	Up to \$100,000		9
	Over \$100 - \$250,000		12
	Over \$250 - \$500,000		7
	Over \$500,000 - \$1 million		17
	Over \$1 million - \$2 million		12
	Over \$2 million - \$5 million		6
	Over \$5 million - \$10 million		11
	Over \$10 million		13
	Undisclosed		13
	TOTAL		100%

