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# **1 Analysis Scope**

## **1.1 Data Obtained**

For the Wellington region, an origin-destination matrix at the area unit level (AU) of journey to work (JTW) trips by means of travel to work from the 2001 Census was obtained from Statistics New Zealand.

The conditions:

- Gainfully employed aged 15 years and over
- Origin = AU of usual residence (both private and commercial dwelling)
- Destination = Workplace AU
- 191 Wellington region AUs

## **1.2 Analysis Level**

The analysis was conducted at the Land Use Model zone level (BERL sectors), which would easily discern overall travel patterns.

## **1.3 Analysis Mode**

The travel modes include followings:

- Private auto (drove a private car, truck or van)
- Company auto (drove a company car, truck or van)
- Passenger (in a car, truck, van or company bus)
- Train
- Public bus
- Walk (Walked or Jogged)
- Bicycle
- Motorcycle (includes power cycle)
- Other (taxi, ferry, helicopter or aeroplane)
- Not stated
- Did not work
- Worked at home
- Total (all the above)

## **1.4 Analysis Outline**

The analyses that were undertaken are set out below:

- Sector Origin-Destination (Residence-Workplace)
  - ◆ Total journeys Origin-Destination (OD) matrix
  - ◆ A separate OD matrix for each mode
  - ◆ Modal share OD matrices
- ODs Ranked by Mode

- ◆ Top ten ODs by total journeys
- ◆ Top ten ODs by mode
  
- Destination Sector
  - ◆ Journeys by mode: number
  - ◆ Journey by mode: percentage
  
- Origin Sector
  - ◆ Journeys by mode: number
  - ◆ Journey by mode: percentage
  
- Sectors Ranked by Mode
  - ◆ Destination sectors ranked by mode
  - ◆ Origin sectors ranked by mode
  
- Self Sufficiency
  - ◆ Percentage of journeys within origin sector

## **2 Results of Census 2001 JTW Analysis**

### **2.1 Origin – Destination**

Origin – Destination matrices were developed for each mode and for total journeys.

Modal share matrices were developed for each mode showing the proportion of total journeys who used that mode.

These matrices are attached in Appendix A, Tables 1 – 25.

There were several observations:

- The Wellington CBD is the major workplace destination, with 35.2% of JTW journeys (where destination is known), 60,393 trips, going there.
- The next largest workplace destination sector is Lower Hutt Central, with 14.7% of journey (25,233 trips).
- The other sectors are substantially smaller in terms of JTW destinations, with the next largest being the Wairarapa at 7.7% (13,191 trips) and Wellington South at 6.2% (10,665 trips).
- The private car is the major mode for all destinations.
- The only exception to the domination of the private car is within the Wellington CBD where walking has a larger proportion of JTW journeys than the private car.

### **2.2 Origin – Destination Ranked by Mode**

A key aspect of this analysis is the ability to identify the size of JTW movements between different areas, and the relative importance of different modes for different movements. In this regard the ten largest movements for each mode of travel were identified, and these are shown in Appendix A, Table 26.

There were several observations:

- The largest single OD movement is within Wairarapa with 12,801 trips, followed by journeys from Wellington South to Wellington CBD, 10,185.
- However, the importance of the Wellington CBD, which is physically much smaller than the other sectors, is shown in that 5 of the 10 largest movements have it as their destination.
- There is a focus of the train service to the Wellington CBD – all 10 largest movements by train are to the CBD.

### **2.3 Destination and Origin by Mode**

The number of trips by each mode, and modal share, was determined for each residential origin sector and for each workplace destination sector. The results are shown in Appendix A, Tables 27 - 30.

There were several observations:

### Residential origin sector

- The private car is the major JTW mode with 50% of all journeys by this mode.
- The main exceptions to this are Wellington CBD at 16.3% and Wellington South at 37.5%.
- Overall private car use tends to increase with distance from the Wellington CBD with the outlying areas of Upper Hutt North, North Kapiti, Wairarapa and Eastern Bays/Wainuiomata having around 60% of JTW journeys by private car.
- Train use is the highest in Tawa, 23.7%, followed by Whitby-Pukerua Bay and Lower Hutt Central at around 14.5%.
- Bus use is the highest in Wellington East, 21.7%, followed by Wellington South, 20.1% and Wellington West, 16.4%.
- Walking is the highest in Wellington CBD at 61.5%, followed by Wellington South and Wellington West at around 21%.

### Workplace destination sector

- Again, the private car is the major JTW mode with 50% of all journeys by this mode. The exception to this is the Wellington CBD at 34.7%.
- The train's major role is in serving the Wellington CBD as a workplace destination with limited usage to other sectors.
- The public bus has a wider role, making a significant contribution in other areas of Wellington City in addition to the CBD.
- Walking also has a wider role. Wellington City has the highest walking proportion, followed by Easter Bays/Wainuiomata and North Kapiti at around 10.5%.

## 2.4 Sectors Ranked by Mode

Both the residential origin sectors and the destination workplace sectors were ranked by mode to show where each mode makes its major contributions. The results are shown in Appendix A, Tables 31 – 32. The findings of this analysis were distorted to some extent by the relative size of each sector (with the larger sectors at the top because of the number of residents/jobs); however, they do provide some interesting insights.

### Residential origin sector

- Wellington North provides the largest number of car users, 9,690 trips, followed by Lower Hutt Central, 8,022 trips and Lower Hutt North with 7,578 journeys. This could be mostly related to the size of the sectors involved.
- Lower Hutt provides the bulk of train passengers, with Tawa next, given the relative small size of Tawa it is clearly a highly train dependent area.
- Wellington South provides the most bus passengers, followed by Wellington East and West. Given that the majority of bus services to the Wellington CBD are from Wellington City.
- Wellington North and Wellington South have more car passengers than Lower Hutt Central and Lower Hutt North, showing a higher car occupancy in the former areas.



Workplace destination sector

Wellington CBD and Lower Hutt Central are considerably larger than other workplace sectors, therefore have the highest number of journeys by nearly all modes. However, an interesting point arose:

- Wairarapa has the third highest number of JTW car passengers travelling to it, and the third highest number of company cars.

## **2.5 Self Sufficiency**

The proportion of journeys that were made within the sector was assessed for each sector, and the results are shown in Appendix A, Table 33. Clearly the areas involved are not equal in terms of physical size and/or population; however, some observations should be noted:

- The highest proportion of trips within the sector is in the Wairarapa with 73.3%; the lowest is in Upper Hutt North with 9.5%.
- The smallest sector, the Wellington CBD, has the second highest proportion of internal trips with 67%.
- Apart from the Wellington CBD, all the Wellington City sectors are below 25%.

## **3 Comparison between Census 2001 and 1996 JTW**

The output of comparison between census 2001 and 1996 JTW are attached in Appendix C, Tables 34 to 65.

The number in each table shows the difference between the year 2001 and 1996.

### **3.1 Comparison of Origin – Destination Trips**

The number of origin – destination trips for each mode and for total journey are compared between the year 2001 and 1996, the proportion of total journeys who used that mode are compared as well. These matrices are attached in Tables 34 - 58.

There were several observations:

- On the 2001 census day, the number of total trips increased by 11,775 from the year 1996.
- The proportion of auto trips retains the same as the year 1996, 61%, but the passenger trip has decreased by around 2%. The proportion of public transport trips has grown about 2% compared with the year 1996. The proportion of slow mode (i.e. walking and cycling) on 2001 census day is the same as that on 1996 census day.
- The largest increase in single O-D movement is within Wellington CBD, with 1,182 more journeys. It is evident that there were more workers who live and work in Wellington CBD compared with the year 1996.

- Similarly, Wellington CBD supplies the largest increase in walking trips, with 909 more trips and an increase in the proportion by 4.2% from the year 1996, followed by Wellington South – Wellington CBD O-D pair, with an increase of 727 trips and 5.6% increase in the proportion.

### 3.2 Comparison of Origin Trips

Tables 59 and 60 in Appendix C show the comparison of the number of trips by each mode and the modal share for each residence sector between the year 2001 and 1996. Table 61 shows the comparisons of both the number of trips and the proportion of total trips made by each means.

There were several observations:

- As a residence, Wellington CBD has the largest increase in walking when compared with the results of census 1996, with 1,050 more trips and 4.5 % increase in the proportion.
- The second largest increase in walking is in Wellington South, with 966 more walk journeys and 3% increase in the proportion.
- The largest increase in private car trips is in Lower Hutt North, 1,242 more trips take it as an origin.
- Lower Hutt Central has the largest increase in the amount of train trips as an origin, with 576 more compared with the year 1996.
- The largest increase in total trips is in Lower Hutt Central, with 2,463 more journeys. Wellington CBD, which is physically much smaller than the other sectors, has an increase of 1,824 trips compared with 4,467 totally in the year 1996.

### 3.3 Comparison of Destination Trips

Tables 62 and 63 in Appendix C show the comparison of the number of trips by each mode, and modal share for each workplace sector between the year 2001 and 1996. Table 64 shows the comparisons of both the number of trips and the proportion of total trips made by each means.

There were several observations:

- As a workplace, Wellington CBD has the largest reduction in company auto trips compared to the year 1996, with 1,623 less trips and a decrease of 6.7% in the proportion of total trips made by company vehicles. Consequently, Wellington CBD has the largest decrease in passenger trips.
- However, Wellington CBD has the largest increase in public transportation trips, with 1,638 more journeys by train and 1,080 more by bus.
- Similar to the public transport, Wellington CBD, as the largest workplace destination, also has the largest increase in walking and cycling, with 2,121 more walking trips and 321 more cycling trips, i.e. 8.6% and 9.5% increase in the proportion, respectively.
- Likewise, Wellington CBD has the largest increase in total trips, with 60,393 trips compared with 57,021 in the year 1996.

### **3.4 Comparison of Self Sufficiency**

Table 65 in Appendix C shows the comparison of self sufficiency between the year 2001 and 1996.

There were two observations:

- Wellington CBD has the largest increase in the number of trips working in the home sector, with 1,197 more journeys. The proportion increases from 24.2% in the year 1996 to 32.9% in 2001.
- On the contrary, Lower Hutt North has the biggest reduction in the number of trips working in the home sector, with 759 less trips and a decrease of 6.7% in the proportion.

**Appendix A Tables of 2001 Census Journey to Work**

**Table 1 Origin-Destination Matrix by Total Trips**

**Mode of Travel: Total**

<i>Number of Trips from Origin to Destination by Mode and Motor Vehicle Availability</i>	<b>Workplace Destination</b>																		
<b>Usual Residence Origin</b>	Wellington CBD	Wellington East	Wellington North	Wellington South	Wellington West	Tawa	Porirua	Whitby-Pukerua Bay	Lower Hutt Central	Lower Hutt North	Eastern Bays/Wainuiomata	Upper Hutt Central/South	Upper Hutt North	Paraparaumu	Waikanae	North Kapiti	Wairapara	Unidentified	Total
Wellington CBD	4,215	114	99	252	168	21	48	12	213	45	6	30		18	3	6	12	1,029	<b>6,291</b>
Wellington East	6,438	4,080	258	1,719	297	63	117	24	576	105	21	57	3	27	9	3	36	2,895	<b>16,731</b>
Wellington North	8,862	492	4,239	1,047	477	297	516	108	1,287	174	33	168	3	39	9	12	48	2,997	<b>20,811</b>
Wellington South	10,185	1,320	414	4,539	516	111	204	36	795	147	30	132		30	18	9	60	3,717	<b>22,263</b>
Wellington West	9,105	384	474	972	2,949	96	180	48	789	132	21	90	3	30	6	18	45	2,520	<b>17,865</b>
Tawa	2,238	90	330	210	90	1,179	735	111	339	39	12	45	3	33	3	6	9	1,083	<b>6,552</b>
Porirua	1,791	165	579	315	75	420	3,252	237	498	69	9	87		84	9	3	21	2,694	<b>10,308</b>
Whitby-Pukerua Bay	2,913	138	318	279	99	297	1,374	2,022	702	114	15	159	9	171	9	18	15	1,569	<b>10,224</b>
Lower Hutt Central	4,542	195	354	381	180	96	153	57	8,163	861	195	471	12	24	6	3	27	3,345	<b>19,065</b>
Lower Hutt North	2,808	183	351	279	108	99	168	45	5,064	3,078	114	699	24	18	6	6	30	3,264	<b>16,344</b>
Eastern Bays/Wainuiomata	1,779	105	234	180	78	60	63	27	3,303	399	1,839	180	6	15	6	9	18	1,779	<b>10,077</b>
Upper Hutt Central/South	1,965	87	186	168	57	48	129	51	1,848	507	39	4,791	126	15	3	3	30	2,184	<b>12,237</b>
Upper Hutt North	660	39	96	66	27	21	66	30	804	219	12	1,617	483	6	3	3	18	918	<b>5,082</b>
Paraparaumu	1,596	90	147	123	54	93	462	99	435	60	12	120	6	4,632	300	108	18	2,007	<b>10,368</b>
Waikanae	519	33	60	51	18	33	84	27	111	18	3	21	3	654	1,236	99		828	<b>3,801</b>
North Kapiti	216	12	15	27	9	18	39	9	42	12	3	12		255	114	1,626	3	897	<b>3,312</b>
Wairapara	570	33	33	60	24	12	21	9	267	45	6	168	6	3		3	12,801	3,417	<b>17,475</b>
<b>Total</b>	<b>60,393</b>	<b>7,557</b>	<b>8,184</b>	<b>10,665</b>	<b>5,229</b>	<b>2,967</b>	<b>7,617</b>	<b>2,952</b>	<b>25,233</b>	<b>6,024</b>	<b>2,370</b>	<b>8,850</b>	<b>690</b>	<b>6,054</b>	<b>1,746</b>	<b>1,935</b>	<b>13,191</b>	<b>37,146</b>	<b>208,803</b>

**Table 2 Origin-Destination Matrix by Private Auto**

**Mode of Travel:** Drove a Private Car, Truck or Van

<i>Number of Trips from Origin to Destination by Mode and Motor Vehicle Availability</i>	<b>Workplace Destination</b>																		
<b>Usual Residence Origin</b>	Wellington CBD	Wellington East	Wellington North	Wellington South	Wellington West	Tawa	Porirua	Whitby-Pukerua Bay	Lower Hutt Central	Lower Hutt North	Eastern Bays/Wainuiomata	Upper Hutt Central/South	Upper Hutt North	Paraparaumu	Waikanae	North Kapiti	Wairapara	Unidentified	Total
Wellington CBD	339	48	39	96	36	12	27	6	108	18	3	12		6		3		132	<b>882</b>
Wellington East	2,262	1,461	138	912	171	39	69	18	333	54	12	45		9	3	3	15	1,038	<b>6,579</b>
Wellington North	3,870	312	1,572	684	327	186	336	81	780	105	15	117	3	24	3	3	15	1,257	<b>9,690</b>
Wellington South	2,538	699	216	1,374	246	57	126	24	450	81	18	75		18	6	6	21	1,110	<b>7,059</b>
Wellington West	2,793	240	264	543	840	60	117	30	468	75	9	57	3	18	3	6	18	792	<b>6,330</b>
Tawa	675	54	207	123	57	459	420	66	207	21	6	27		15			3	438	<b>2,784</b>
Porirua	612	102	321	174	42	243	1,437	129	288	33	6	57		45	6		9	951	<b>4,461</b>
Whitby-Pukerua Bay	1,125	84	180	171	60	177	849	690	417	63	9	102	3	111	6	12	3	657	<b>4,713</b>
Lower Hutt Central	1,407	105	210	213	96	54	105	36	3,594	516	135	300	6	12	3	3	18	1,209	<b>8,022</b>
Lower Hutt North	936	93	183	177	66	48	102	27	2,883	1,203	69	468	12	9	3	3	9	1,293	<b>7,578</b>
Eastern Bays/Wainuiomata	693	63	138	108	48	39	36	15	1,953	246	657	114	3	6		3	9	750	<b>4,881</b>
Upper Hutt Central/South	573	54	114	105	24	21	78	33	1,092	303	21	2,088	72	6			9	861	<b>5,460</b>
Upper Hutt North	243	24	51	36	18	15	42	18	489	135	6	1,050	138	6	3		9	429	<b>2,700</b>
Paraparaumu	489	54	87	72	30	45	264	69	231	30	3	78	3	2,064	192	78	9	858	<b>4,650</b>
Waikanae	180	18	27	18	9	24	54	15	60	12	3	12		408	405	69		336	<b>1,644</b>
North Kapiti	99	9	9	12	6	9	27	6	18	6		6		159	75	639	3	462	<b>1,545</b>
Wairapara	123	18	15	24	15	6	12	3	102	24		87	6				5,718	1,383	<b>7,533</b>
<b>Total</b>	<b>18,954</b>	<b>3,429</b>	<b>3,768</b>	<b>4,839</b>	<b>2,082</b>	<b>1,494</b>	<b>4,098</b>	<b>1,266</b>	<b>13,473</b>	<b>2,925</b>	<b>978</b>	<b>4,689</b>	<b>246</b>	<b>2,916</b>	<b>708</b>	<b>828</b>	<b>5,862</b>	<b>13,962</b>	<b>86,517</b>

**Table 3 Modal Share Origin-Destination Matrix by Private Auto (% of Trips by Mode)**

**Mode of Travel:** Drove a Private Car, Truck or Van

<i>Number of Trips from Origin to Destination by Mode and Motor Vehicle Availability</i>	<b>Workplace Destination</b>																			
<b>Usual Residence Origin</b>	Wellington CBD	Wellington East	Wellington North	Wellington South	Wellington West	Tawa	Porirua	Whitby-Pukerua Bay	Lower Hutt Central	Lower Hutt North	Eastern Bays/Wainuiomata	Upper Hutt Central/South	Upper Hutt North	Paraparaumu	Waikanae	North Kapiti	Wairapara	Unidentified	Total	
Wellington CBD	8.0%	42.1%	39.4%	38.1%	21.4%	57.1%	56.3%	50.0%	50.7%	40.0%	50.0%	40.0%		33.3%		50.0%		12.8%	<b>14.0%</b>	
Wellington East	35.1%	35.8%	53.5%	53.1%	57.6%	61.9%	59.0%	75.0%	57.8%	51.4%	57.1%	78.9%		33.3%	33.3%	100.0%	41.7%	35.9%	<b>39.3%</b>	
Wellington North	43.7%	63.4%	37.1%	65.3%	68.6%	62.6%	65.1%	75.0%	60.6%	60.3%	45.5%	69.6%	100.0%	61.5%	33.3%	25.0%	31.3%	41.9%	<b>46.6%</b>	
Wellington South	24.9%	53.0%	52.2%	30.3%	47.7%	51.4%	61.8%	66.7%	56.6%	55.1%	60.0%	56.8%		60.0%	33.3%	66.7%	35.0%	29.9%	<b>31.7%</b>	
Wellington West	30.7%	62.5%	55.7%	55.9%	28.5%	62.5%	65.0%	62.5%	59.3%	56.8%	42.9%	63.3%	100.0%	60.0%	50.0%	33.3%	40.0%	31.4%	<b>35.4%</b>	
Tawa	30.2%	60.0%	62.7%	58.6%	63.3%	38.9%	57.1%	59.5%	61.1%	53.8%	50.0%	60.0%		45.5%			33.3%	40.4%	<b>42.5%</b>	
Porirua	34.2%	61.8%	55.4%	55.2%	56.0%	57.9%	44.2%	54.4%	57.8%	47.8%	66.7%	65.5%		53.6%	66.7%		42.9%	35.3%	<b>43.3%</b>	
Whitby-Pukerua Bay	38.6%	60.9%	56.6%	61.3%	60.6%	59.6%	61.8%	34.1%	59.4%	55.3%	60.0%	64.2%	33.3%	64.9%	66.7%	66.7%	20.0%	41.9%	<b>46.1%</b>	
Lower Hutt Central	31.0%	53.8%	59.3%	55.9%	53.3%	56.3%	68.6%	63.2%	44.0%	59.9%	69.2%	63.7%	50.0%	50.0%	50.0%	100.0%	66.7%	36.1%	<b>42.1%</b>	
Lower Hutt North	33.3%	50.8%	52.1%	63.4%	61.1%	48.5%	60.7%	60.0%	56.9%	39.1%	60.5%	67.0%	50.0%	50.0%	50.0%	50.0%	30.0%	39.6%	<b>46.4%</b>	
Eastern Bays/Wainuiomata	39.0%	60.0%	59.0%	60.0%	61.5%	65.0%	57.1%	55.6%	59.1%	61.7%	35.7%	63.3%	50.0%	40.0%		33.3%	50.0%	42.2%	<b>48.4%</b>	
Upper Hutt Central/South	29.2%	62.1%	61.3%	62.5%	42.1%	43.8%	60.5%	64.7%	59.1%	59.8%	53.8%	43.6%	57.1%	40.0%			30.0%	39.4%	<b>44.6%</b>	
Upper Hutt North	36.8%	61.5%	53.1%	54.5%	66.7%	71.4%	63.6%	60.0%	60.8%	61.6%	50.0%	64.9%	28.6%	100.0%	100.0%		50.0%	46.7%	<b>53.1%</b>	
Paraparaumu	30.6%	60.0%	59.2%	58.5%	55.6%	48.4%	57.1%	69.7%	53.1%	50.0%	25.0%	65.0%	50.0%	44.6%	64.0%	72.2%	50.0%	42.8%	<b>44.8%</b>	
Waikanae	34.7%	54.5%	45.0%	35.3%	50.0%	72.7%	64.3%	55.6%	54.1%	66.7%	100.0%	57.1%		62.4%	32.8%	69.7%		40.6%	<b>43.3%</b>	
North Kapiti	45.8%	75.0%	60.0%	44.4%	66.7%	50.0%	69.2%	66.7%	42.9%	50.0%		50.0%		62.4%	65.8%	39.3%	100.0%	51.5%	<b>46.6%</b>	
Wairapara	21.6%	54.5%	45.5%	40.0%	62.5%	50.0%	57.1%	33.3%	38.2%	53.3%		51.8%	100.0%				44.7%	40.5%	<b>43.1%</b>	
<b>Total</b>	<b>31.4%</b>	<b>45.4%</b>	<b>46.0%</b>	<b>45.4%</b>	<b>39.8%</b>	<b>50.4%</b>	<b>53.8%</b>	<b>42.9%</b>	<b>53.4%</b>	<b>48.6%</b>	<b>41.3%</b>	<b>53.0%</b>	<b>35.7%</b>	<b>48.2%</b>	<b>40.5%</b>	<b>42.8%</b>	<b>44.4%</b>	<b>37.6%</b>	<b>41.4%</b>	

**Table 4 Origin-Destination Matrix by Company Auto**

**Mode of Travel:** Drove a Company Car, Truck or Van

<i>Number of Trips from Origin to Destination by Mode and Motor Vehicle Availability</i>	<b>Workplace Destination</b>																			
<b>Usual Residence Origin</b>	Wellington CBD	Wellington East	Wellington North	Wellington South	Wellington West	Tawa	Porirua	Whitby-Pukerua Bay	Lower Hutt Central	Lower Hutt North	Eastern Bays/Wainuiomata	Upper Hutt Central/South	Upper Hutt North	Paraparaumu	Waikanae	North Kapiti	Wairapara	Unidentified	Total	
Wellington CBD	57	15	9	12	3	6	3		24	6		3							51	<b>195</b>
Wellington East	324	279	60	114	15	12	15		99	12	3	3		3					303	<b>1,245</b>
Wellington North	507	57	309	93	27	42	63	6	252	24	3	21		3				3	393	<b>1,809</b>
Wellington South	360	72	69	222	18	12	15	3	105	21	3	18						3	297	<b>1,224</b>
Wellington West	354	24	51	39	99	18	15	3	93	15		15					3		210	<b>939</b>
Tawa	138	15	30	21	9	78	45	6	57	9		9		3			3	3	135	<b>558</b>
Porirua	84	15	33	30	3	24	156	12	63	9	3	3	3	15				3	228	<b>681</b>
Whitby-Pukerua Bay	303	21	63	33	12	51	132	183	177	27	3	27		21	3	3	3		252	<b>1,314</b>
Lower Hutt Central	285	27	57	39	15	21	15	9	816	93	18	42	3	6					465	<b>1,914</b>
Lower Hutt North	189	27	81	33	9	24	24	9	534	288	9	48	3	3				6	465	<b>1,749</b>
Eastern Bays/Wainuiomata	108	6	45	24	9	6	12	9	345	39	123	18	3	3	3			6	240	<b>999</b>
Upper Hutt Central/South	153	12	33	21	3	12	27	9	273	60	6	321	15					6	303	<b>1,263</b>
Upper Hutt North	51	9	24	15	3	3	15	9	129	42	3	120	48					3	177	<b>645</b>
Paraparaumu	147	15	36	18	6	15	60	9	117	12	3	18		420	24	12	3	3	339	<b>1,257</b>
Waikanae	42	3	15	9	3	6	15	3	30	6	3	6	3	69	105	12	3		147	<b>462</b>
North Kapiti	21	3	3	3		6	3		12	3		3		36	12	99	3		108	<b>315</b>
Wairapara	30	6	3	9		3	6		42	3	3	9					942		468	<b>1,527</b>
<b>Total</b>	<b>3,138</b>	<b>612</b>	<b>933</b>	<b>735</b>	<b>228</b>	<b>333</b>	<b>618</b>	<b>267</b>	<b>3,174</b>	<b>675</b>	<b>180</b>	<b>687</b>	<b>81</b>	<b>588</b>	<b>150</b>	<b>138</b>	<b>975</b>		<b>4,575</b>	<b>18,090</b>



**Table 5 Modal Share Origin-Destination Matrix by Company Auto (% of Trips by Mode)**

**Mode of Travel:** Drove a Company Car, Truck or Van

<i>Number of Trips from Origin to Destination by Mode and Motor Vehicle Availability</i>	<b>Workplace Destination</b>																			
<b>Usual Residence Origin</b>	Wellington CBD	Wellington East	Wellington North	Wellington South	Wellington West	Tawa	Porirua	Whitby-Pukerua Bay	Lower Hutt Central	Lower Hutt North	Eastern Bays/Wainuiomata	Upper Hutt Central/South	Upper Hutt North	Paraparaumu	Waikanae	North Kapiti	Wairapara	Unidentified	Total	
Wellington CBD	1.4%	13.2%	9.1%	4.8%	1.8%	28.6%	6.3%		11.3%	13.3%		10.0%							5.0%	<b>3.1%</b>
Wellington East	5.0%	6.8%	23.3%	6.6%	5.1%	19.0%	12.8%		17.2%	11.4%	14.3%	5.3%		11.1%					10.5%	<b>7.4%</b>
Wellington North	5.7%	11.6%	7.3%	8.9%	5.7%	14.1%	12.2%	5.6%	19.6%	13.8%	9.1%	12.5%		7.7%			6.3%	13.1%	8.7%	<b>8.7%</b>
Wellington South	3.5%	5.5%	16.7%	4.9%	3.5%	10.8%	7.4%	8.3%	13.2%	14.3%	10.0%	13.6%					5.0%	8.0%	5.5%	<b>5.5%</b>
Wellington West	3.9%	6.3%	10.8%	4.0%	3.4%	18.8%	8.3%	6.3%	11.8%	11.4%		16.7%				16.7%		8.3%	5.3%	<b>5.3%</b>
Tawa	6.2%	16.7%	9.1%	10.0%	10.0%	6.6%	6.1%	5.4%	16.8%	23.1%		20.0%		9.1%		50.0%	33.3%	12.5%	8.5%	<b>8.5%</b>
Porirua	4.7%	9.1%	5.7%	9.5%	4.0%	5.7%	4.8%	5.1%	12.7%	13.0%	33.3%	3.4%		17.9%			14.3%	8.5%	6.6%	<b>6.6%</b>
Whitby-Pukerua Bay	10.4%	15.2%	19.8%	11.8%	12.1%	17.2%	9.6%	9.1%	25.2%	23.7%	20.0%	17.0%		12.3%	33.3%	16.7%	20.0%	16.1%	12.9%	<b>12.9%</b>
Lower Hutt Central	6.3%	13.8%	16.1%	10.2%	8.3%	21.9%	9.8%	15.8%	10.0%	10.8%	9.2%	8.9%	25.0%	25.0%				13.9%	10.0%	<b>10.0%</b>
Lower Hutt North	6.7%	14.8%	23.1%	11.8%	8.3%	24.2%	14.3%	20.0%	10.5%	9.4%	7.9%	6.9%	12.5%	16.7%			20.0%	14.2%	10.7%	<b>10.7%</b>
Eastern Bays/Wainuiomata	6.1%	5.7%	19.2%	13.3%	11.5%	10.0%	19.0%	33.3%	10.4%	9.8%	6.7%	10.0%	50.0%	20.0%	50.0%		33.3%	13.5%	9.9%	<b>9.9%</b>
Upper Hutt Central/South	7.8%	13.8%	17.7%	12.5%	5.3%	25.0%	20.9%	17.6%	14.8%	11.8%	15.4%	6.7%	11.9%				20.0%	13.9%	10.3%	<b>10.3%</b>
Upper Hutt North	7.7%	23.1%	25.0%	22.7%	11.1%	14.3%	22.7%	30.0%	16.0%	19.2%	25.0%	7.4%	9.9%			100.0%	16.7%	19.3%	12.7%	<b>12.7%</b>
Paraparaumu	9.2%	16.7%	24.5%	14.6%	11.1%	16.1%	13.0%	9.1%	26.9%	20.0%	25.0%	15.0%		9.1%	8.0%	11.1%	16.7%	16.9%	12.1%	<b>12.1%</b>
Waikanae	8.1%	9.1%	25.0%	17.6%	16.7%	18.2%	17.9%	11.1%	27.0%	33.3%	100.0%	28.6%	100.0%	10.6%	8.5%	12.1%		17.8%	12.2%	<b>12.2%</b>
North Kapiti	9.7%	25.0%	20.0%	11.1%		33.3%	7.7%		28.6%	25.0%		25.0%		14.1%	10.5%	6.1%	100.0%	12.0%	9.5%	<b>9.5%</b>
Wairapara	5.3%	18.2%	9.1%	15.0%		25.0%	28.6%		15.7%	6.7%	50.0%	5.4%					7.4%	13.7%	8.7%	<b>8.7%</b>
<b>Total</b>	<b>5.2%</b>	<b>8.1%</b>	<b>11.4%</b>	<b>6.9%</b>	<b>4.4%</b>	<b>11.2%</b>	<b>8.1%</b>	<b>9.0%</b>	<b>12.6%</b>	<b>11.2%</b>	<b>7.6%</b>	<b>7.8%</b>	<b>11.7%</b>	<b>9.7%</b>	<b>8.6%</b>	<b>7.1%</b>	<b>7.4%</b>	<b>12.3%</b>	<b>8.7%</b>	

**Table 6 Origin-Destination Matrix by Passenger**

**Mode of Travel:** Passenger in a Car, Truck, Van or Company Bus

<i>Number of Trips from Origin to Destination by Mode and Motor Vehicle Availability</i>	<b>Workplace Destination</b>																				
<b>Usual Residence Origin</b>	Wellington CBD	Wellington East	Wellington North	Wellington South	Wellington West	Tawa	Porirua	Whitby-Pukerua Bay	Lower Hutt Central	Lower Hutt North	Eastern Bays/Wainuiomata	Upper Hutt Central/South	Upper Hutt North	Paraparaumu	Waikanae	North Kapiti	Wairapara	Unidentified	Total		
Wellington CBD	57	12	6	6	12	3	3		9										24	<b>123</b>	
Wellington East	417	117	12	72	12		6		21	9				3	3				135	<b>807</b>	
Wellington North	855	21	153	33	24	15	21	3	54	15		6					9	162	<b>1,368</b>		
Wellington South	603	60	12	126	30	9	9	3	21	3	3	3			3	3	3	3	162	<b>1,056</b>	
Wellington West	621	12	21	33	75	3	6		27	3	3	3				3	3	3	126	<b>933</b>	
Tawa	141	3	12	12	6	33	30	6	6					3					60	<b>306</b>	
Porirua	177	9	93	30	6	60	288	15	54	6		9			3		3	222	<b>978</b>		
Whitby-Pukerua Bay	198	6	12	12	3	9	54	36	18	3		6		3				3	66	<b>432</b>	
Lower Hutt Central	276	6	15	18	6	3	6		369	39	6	21						3	186	<b>969</b>	
Lower Hutt North	180	9	27	12	6	6	12	3	339	135	3	36	3	3				3	204	<b>972</b>	
Eastern Bays/Wainuiomata	117	3	12	15	3	3	3		261	24	72	6							99	<b>618</b>	
Upper Hutt Central/South	129	6	12	9	6	3	6		105	42	3	204	3	3					3	111	<b>636</b>
Upper Hutt North	69	3	6	3			3		48	9	3	84	9						48	<b>285</b>	
Paraparaumu	135	3	6	6		9	27	6	24			6		186	9	3			102	<b>522</b>	
Waikanae	21			3		3			3					30	24	6			30	<b>132</b>	
North Kapiti	12			3			3							9	3	69			33	<b>138</b>	
Wairapara	27	3	3			3		3	18			9						471	255	<b>792</b>	
<b>Total</b>	<b>4,026</b>	<b>264</b>	<b>405</b>	<b>402</b>	<b>180</b>	<b>159</b>	<b>483</b>	<b>75</b>	<b>1,377</b>	<b>297</b>	<b>93</b>	<b>399</b>	<b>21</b>	<b>237</b>	<b>45</b>	<b>84</b>	<b>504</b>	<b>2,025</b>	<b>11,070</b>		

**Table 7 Modal Share Origin-Destination Matrix by Passenger (% of Trips by Mode)**

**Mode of Travel:** Passenger in a Car, Truck, Van or Company Bus

<i>Number of Trips from Origin to Destination by Mode and Motor Vehicle Availability</i>	<b>Workplace Destination</b>	Wellington CBD	Wellington East	Wellington North	Wellington South	Wellington West	Tawa	Porirua	Whitby-Pukerua Bay	Lower Hutt Central	Lower Hutt North	Eastern Bays/Wainuiomata	Upper Hutt Central/South	Upper Hutt North	Paraparaumu	Waikanae	North Kapiti	Wairapara	Unidentified	Total	
<b>Usual Residence Origin</b>																					
Wellington CBD		1.4%	10.5%	6.1%	2.4%	7.1%	14.3%	6.3%		4.2%										2.3%	<b>2.0%</b>
Wellington East		6.5%	2.9%	4.7%	4.2%	4.0%		5.1%		3.6%	8.6%				11.1%	33.3%				4.7%	<b>4.8%</b>
Wellington North		9.6%	4.3%	3.6%	3.2%	5.0%	5.1%	4.1%	2.8%	4.2%	8.6%		3.6%					18.8%		5.4%	<b>6.6%</b>
Wellington South		5.9%	4.5%	2.9%	2.8%	5.8%	8.1%	4.4%	8.3%	2.6%	2.0%	10.0%	2.3%			16.7%	33.3%	5.0%		4.4%	<b>4.7%</b>
Wellington West		6.8%	3.1%	4.4%	3.4%	2.5%	3.1%	3.3%		3.4%	2.3%	14.3%	3.3%				16.7%	6.7%		5.0%	<b>5.2%</b>
Tawa		6.3%	3.3%	3.6%	5.7%	6.7%	2.8%	4.1%	5.4%	1.8%					9.1%					5.5%	<b>4.7%</b>
Porirua		9.9%	5.5%	16.1%	9.5%	8.0%	14.3%	8.9%	6.3%	10.8%	8.7%		10.3%			33.3%		14.3%		8.2%	<b>9.5%</b>
Whitby-Pukerua Bay		6.8%	4.3%	3.8%	4.3%	3.0%	3.0%	3.9%	1.8%	2.6%	2.6%		3.8%		1.8%			20.0%		4.2%	<b>4.2%</b>
Lower Hutt Central		6.1%	3.1%	4.2%	4.7%	3.3%	3.1%	3.9%		4.5%	4.5%	3.1%	4.5%					11.1%		5.6%	<b>5.1%</b>
Lower Hutt North		6.4%	4.9%	7.7%	4.3%	5.6%	6.1%	7.1%	6.7%	6.7%	4.4%	2.6%	5.2%	12.5%	16.7%			10.0%		6.3%	<b>5.9%</b>
Eastern Bays/Wainuiomata		6.6%	2.9%	5.1%	8.3%	3.8%	5.0%	4.8%		7.9%	6.0%	3.9%	3.3%							5.6%	<b>6.1%</b>
Upper Hutt Central/South		6.6%	6.9%	6.5%	5.4%	10.5%	6.3%	4.7%		5.7%	8.3%	7.7%	4.3%	2.4%	20.0%			10.0%		5.1%	<b>5.2%</b>
Upper Hutt North		10.5%	7.7%	6.3%	4.5%			4.5%		6.0%	4.1%	25.0%	5.2%	1.9%						5.2%	<b>5.6%</b>
Paraparaumu		8.5%	3.3%	4.1%	4.9%		9.7%	5.8%	6.1%	5.5%			5.0%		4.0%	3.0%	2.8%			5.1%	<b>5.0%</b>
Waikanae		4.0%			5.9%		9.1%			2.7%					4.6%	1.9%	6.1%			3.6%	<b>3.5%</b>
North Kapiti		5.6%			11.1%			7.7%							3.5%	2.6%	4.2%			3.7%	<b>4.2%</b>
Wairapara		4.7%	9.1%	9.1%			25.0%		33.3%	6.7%			5.4%					3.7%		7.5%	<b>4.5%</b>
<b>Total</b>		<b>6.7%</b>	<b>3.5%</b>	<b>4.9%</b>	<b>3.8%</b>	<b>3.4%</b>	<b>5.4%</b>	<b>6.3%</b>	<b>2.5%</b>	<b>5.5%</b>	<b>4.9%</b>	<b>3.9%</b>	<b>4.5%</b>	<b>3.0%</b>	<b>3.9%</b>	<b>2.6%</b>	<b>4.3%</b>	<b>3.8%</b>	<b>5.5%</b>	<b>5.3%</b>	

**Table 8 Origin-Destination Matrix by Train**

**Mode of Travel:** Train

<i>Number of Trips from Origin to Destination by Mode and Motor Vehicle Availability</i>	<b>Workplace Destination</b>																		
<b>Usual Residence Origin</b>	Wellington CBD	Wellington East	Wellington North	Wellington South	Wellington West	Tawa	Porirua	Whitby-Pukerua Bay	Lower Hutt Central	Lower Hutt North	Eastern Bays/Wainuiomata	Upper Hutt Central/South	Upper Hutt North	Paraparaumu	Waikanae	North Kapiti	Wairapara	Unidentified	Total
Wellington CBD	15		9			3	15	3	15	6		3						9	<b>69</b>
Wellington East	3	3	3						3									9	<b>27</b>
Wellington North	858		69	18	9	3	3		33	6		3					3	126	<b>1,137</b>
Wellington South	9		9	3		3	6		18	3		12						15	<b>78</b>
Wellington West	90		9	6	12		6	3	21	3		3						21	<b>171</b>
Tawa	978	3	12	18	15	27	54	9	21	6	3	3		3				138	<b>1,287</b>
Porirua	555	6	9	18	9	9	24	6	15	3				6			3	123	<b>789</b>
Whitby-Pukerua Bay	921	6	3	15	9	15	45	45	9	3		3		15				150	<b>1,242</b>
Lower Hutt Central	1,728	3	18	24	33	3	3		144	27		42		3				306	<b>2,334</b>
Lower Hutt North	1,026		15	12	12		6	3	102	36	3	18		3	3		6	183	<b>1,422</b>
Eastern Bays/Wainuiomata	288		6	3			3	3	12		6	3			3		3	33	<b>360</b>
Upper Hutt Central/South	807	3	9	9	9		3		60	15	3	72	3				9	129	<b>1,134</b>
Upper Hutt North	174		3	6	3				9	3		3	3				3	27	<b>234</b>
Paraparaumu	564			6	6	6	39	3	3	3				30			3	96	<b>765</b>
Waikanae	147			6	3		6		3					3				36	<b>210</b>
North Kapiti	60				3		3		3							3		12	<b>84</b>
Wairapara	288	3	3	12	3	3	3		66	12	3	42					30	63	<b>528</b>
<b>Total</b>	<b>8,508</b>	<b>30</b>	<b>177</b>	<b>156</b>	<b>126</b>	<b>78</b>	<b>216</b>	<b>72</b>	<b>537</b>	<b>126</b>	<b>12</b>	<b>210</b>	<b>6</b>	<b>66</b>	<b>6</b>	<b>9</b>	<b>60</b>	<b>1,473</b>	<b>11,868</b>

**Table 9 Modal Share Origin-Destination Matrix by Train (% of Trips by Mode)**

**Mode of Travel:** Train

<i>Number of Trips from Origin to Destination by Mode and Motor Vehicle Availability</i>	<b>Workplace Destination</b>																			
	Wellington CBD	Wellington East	Wellington North	Wellington South	Wellington West	Tawa	Porirua	Whitby-Pukerua Bay	Lower Hutt Central	Lower Hutt North	Eastern Bays/Wainuiomata	Upper Hutt Central/South	Upper Hutt North	Paraparaumu	Waikanae	North Kapiti	Wairapara	Unidentified	Total	
<b>Usual Residence Origin</b>																				
Wellington CBD	0.4%		9.1%			14.3%	31.3%	25.0%	7.0%	13.3%		10.0%							0.9%	<b>1.1%</b>
Wellington East	0.0%	0.1%	1.2%						0.5%										0.3%	<b>0.2%</b>
Wellington North	9.7%		1.6%	1.7%	1.9%	1.0%	0.6%		2.6%	3.4%		1.8%					6.3%	4.2%	<b>5.5%</b>	
Wellington South	0.1%		2.2%	0.1%		2.7%	2.9%		2.3%	2.0%		9.1%							0.4%	<b>0.4%</b>
Wellington West	1.0%		1.9%	0.6%	0.4%		3.3%	6.3%	2.7%	2.3%		3.3%							0.8%	<b>1.0%</b>
Tawa	43.7%	3.3%	3.6%	8.6%	16.7%	2.3%	7.3%	8.1%	6.2%	15.4%	25.0%	6.7%		9.1%					12.7%	<b>19.6%</b>
Porirua	31.0%	3.6%	1.6%	5.7%	12.0%	2.1%	0.7%	2.5%	3.0%	4.3%				7.1%			14.3%	4.6%	<b>7.7%</b>	
Whitby-Pukerua Bay	31.6%	4.3%	0.9%	5.4%	9.1%	5.1%	3.3%	2.2%	1.3%	2.6%		1.9%		8.8%					9.6%	<b>12.1%</b>
Lower Hutt Central	38.0%	1.5%	5.1%	6.3%	18.3%	3.1%	2.0%		1.8%	3.1%		8.9%		12.5%					9.1%	<b>12.2%</b>
Lower Hutt North	36.5%		4.3%	4.3%	11.1%		3.6%	6.7%	2.0%	1.2%	2.6%	2.6%		16.7%	50.0%		20.0%	5.6%	<b>8.7%</b>	
Eastern Bays/Wainuiomata	16.2%		2.6%	1.7%			4.8%	11.1%	0.4%		0.3%	1.7%			50.0%		16.7%	1.9%	<b>3.6%</b>	
Upper Hutt Central/South	41.1%	3.4%	4.8%	5.4%	15.8%		2.3%		3.2%	3.0%	7.7%	1.5%	2.4%				30.0%	5.9%	<b>9.3%</b>	
Upper Hutt North	26.4%		3.1%	9.1%	11.1%				1.1%	1.4%		0.2%	0.6%				16.7%	2.9%	<b>4.6%</b>	
Paraparaumu	35.3%			4.9%	11.1%	6.5%	8.4%	3.0%	0.7%	5.0%				0.6%			16.7%	4.8%	<b>7.4%</b>	
Waikanae	28.3%			11.8%	16.7%		7.1%		2.7%					0.5%					4.3%	<b>5.5%</b>
North Kapiti	27.8%				33.3%		7.7%		7.1%							0.2%			1.3%	<b>2.5%</b>
Wairapara	50.5%	9.1%	9.1%	20.0%	12.5%	25.0%	14.3%		24.7%	26.7%	50.0%	25.0%					0.2%	1.8%	<b>3.0%</b>	
<b>Total</b>	<b>14.1%</b>	<b>0.4%</b>	<b>2.2%</b>	<b>1.5%</b>	<b>2.4%</b>	<b>2.6%</b>	<b>2.8%</b>	<b>2.4%</b>	<b>2.1%</b>	<b>2.1%</b>	<b>0.5%</b>	<b>2.4%</b>	<b>0.9%</b>	<b>1.1%</b>	<b>0.3%</b>	<b>0.5%</b>	<b>0.5%</b>	<b>4.0%</b>	<b>5.7%</b>	

**Table 10 Origin-Destination Matrix by Public Bus**

**Mode of Travel: Public Bus**

<i>Number of Trips from Origin to Destination by Mode and Motor Vehicle Availability</i>	<b>Workplace Destination</b>																			
<b>Usual Residence Origin</b>	Wellington CBD	Wellington East	Wellington North	Wellington South	Wellington West	Tawa	Porirua	Whitby-Pukerua Bay	Lower Hutt Central	Lower Hutt North	Eastern Bays/Wainuiomata	Upper Hutt Central/South	Upper Hutt North	Paraparaumu	Waikanae	North Kapiti	Wairapara	Unidentified	Total	
Wellington CBD	177	6	12	27	18				15	3								3	45	<b>312</b>
Wellington East	2,091	234	18	177	51	3	6		45	12	3	3	3	3				3	420	<b>3,072</b>
Wellington North	1,512	21	93	45	18	12	12	3	24	6		3						6	207	<b>1,965</b>
Wellington South	2,619	138	21	285	75	9	15	3	69	15	3	6		3	3			6	507	<b>3,780</b>
Wellington West	1,821	27	15	78	150	3	3		45	6	6	3				3	6	297	<b>2,463</b>	
Tawa	12	3	12	9		3	12		6										3	<b>63</b>
Porirua	111	9	21	15	3	18	225	9	9	3		3						3	165	<b>594</b>
Whitby-Pukerua Bay	24		3				21	15	3										27	<b>99</b>
Lower Hutt Central	279	12		15	9	3			192	18	3	3						3	123	<b>663</b>
Lower Hutt North	102	12	9	9	3		3		279	69	6	21							117	<b>633</b>
Eastern Bays/Wainuiomata	273	3	9	6	6				231	21	48	3							108	<b>708</b>
Upper Hutt Central/South	27			3	3				69	6	3	51		3				3	39	<b>216</b>
Upper Hutt North	39			3		3			24	6		66	9						27	<b>171</b>
Paraparaumu	57	3	3	3	3		3		3					54	6				21	<b>153</b>
Waikanae	33			3					3					15	9				12	<b>72</b>
North Kapiti	3													3		6			3	<b>12</b>
Wairapara	9			3					3									54	21	<b>93</b>
<b>Total</b>	<b>9,198</b>	<b>477</b>	<b>213</b>	<b>687</b>	<b>342</b>	<b>66</b>	<b>303</b>	<b>33</b>	<b>1,017</b>	<b>165</b>	<b>66</b>	<b>162</b>	<b>12</b>	<b>81</b>	<b>18</b>	<b>9</b>	<b>87</b>	<b>2,139</b>	<b>15,072</b>	

**Table 11 Modal Share Origin-Destination Matrix by Public Bus (% of Trips by Mode)**

**Mode of Travel:** Public Bus

<i>Number of Trips from Origin to Destination by Mode and Motor Vehicle Availability</i>	<b>Workplace Destination</b>																			
	Wellington CBD	Wellington East	Wellington North	Wellington South	Wellington West	Tawa	Porirua	Whitby-Pukerua Bay	Lower Hutt Central	Lower Hutt North	Eastern Bays/Wainuiomata	Upper Hutt Central/South	Upper Hutt North	Paraparaumu	Waikanae	North Kapiti	Wairapara	Unidentified	Total	
<b>Usual Residence Origin</b>																				
Wellington CBD	4.2%	5.3%	12.1%	10.7%	10.7%				7.0%	6.7%								25.0%	4.4%	<b>5.0%</b>
Wellington East	32.5%	5.7%	7.0%	10.3%	17.2%	4.8%	5.1%		7.8%	11.4%	14.3%	5.3%	100.0%	11.1%				8.3%	14.5%	<b>18.4%</b>
Wellington North	17.1%	4.3%	2.2%	4.3%	3.8%	4.0%	2.3%	2.8%	1.9%	3.4%		1.8%						12.5%	6.9%	<b>9.4%</b>
Wellington South	25.7%	10.5%	5.1%	6.3%	14.5%	8.1%	7.4%	8.3%	8.7%	10.2%	10.0%	4.5%		10.0%	16.7%			10.0%	13.6%	<b>17.0%</b>
Wellington West	20.0%	7.0%	3.2%	8.0%	5.1%	3.1%	1.7%		5.7%	4.5%	28.6%	3.3%				16.7%	13.3%	11.8%		<b>13.8%</b>
Tawa	0.5%	3.3%	3.6%	4.3%		0.3%	1.6%		1.8%										0.3%	<b>1.0%</b>
Porirua	6.2%	5.5%	3.6%	4.8%	4.0%	4.3%	6.9%	3.8%	1.8%	4.3%		3.4%						14.3%	6.1%	<b>5.8%</b>
Whitby-Pukerua Bay	0.8%		0.9%				1.5%	0.7%	0.4%										1.7%	<b>1.0%</b>
Lower Hutt Central	6.1%	6.2%		3.9%	5.0%	3.1%			2.4%	2.1%	1.5%	0.6%						11.1%	3.7%	<b>3.5%</b>
Lower Hutt North	3.6%	6.6%	2.6%	3.2%	2.8%		1.8%		5.5%	2.2%	5.3%	3.0%							3.6%	<b>3.9%</b>
Eastern Bays/Wainuiomata	15.3%	2.9%	3.8%	3.3%	7.7%				7.0%	5.3%	2.6%	1.7%							6.1%	<b>7.0%</b>
Upper Hutt Central/South	1.4%			1.8%	5.3%				3.7%	1.2%	7.7%	1.1%		20.0%			10.0%	1.8%		<b>1.8%</b>
Upper Hutt North	5.9%			4.5%		14.3%			3.0%	2.7%		4.1%	1.9%						2.9%	<b>3.4%</b>
Paraparaumu	3.6%	3.3%	2.0%	2.4%	5.6%		0.6%		0.7%					1.2%	2.0%				1.0%	<b>1.5%</b>
Waikanae	6.4%			5.9%					2.7%					2.3%	0.7%				1.4%	<b>1.9%</b>
North Kapiti	1.4%													1.2%		0.4%			0.3%	<b>0.4%</b>
Wairapara	1.6%			5.0%					1.1%								0.4%		0.6%	<b>0.5%</b>
<b>Total</b>	<b>15.2%</b>	<b>6.3%</b>	<b>2.6%</b>	<b>6.4%</b>	<b>6.5%</b>	<b>2.2%</b>	<b>4.0%</b>	<b>1.1%</b>	<b>4.0%</b>	<b>2.7%</b>	<b>2.8%</b>	<b>1.8%</b>	<b>1.7%</b>	<b>1.3%</b>	<b>1.0%</b>	<b>0.5%</b>	<b>0.7%</b>	<b>5.8%</b>		<b>7.2%</b>

**Table 12 Origin-Destination Matrix by Walk**

**Mode of Travel:** Walked or Jogged

<i>Number of Trips from Origin to Destination by Mode and Motor Vehicle Availability</i>	<b>Workplace Destination</b>																		
<b>Usual Residence Origin</b>	Wellington CBD	Wellington East	Wellington North	Wellington South	Wellington West	Tawa	Porirua	Whitby-Pukerua Bay	Lower Hutt Central	Lower Hutt North	Eastern Bays/Wainuiomata	Upper Hutt Central/South	Upper Hutt North	Paraparaumu	Waikanae	North Kapiti	Wairapara	Unidentified	Total
Wellington CBD	2,781	6	12	78	81	3		3	12	6				3	3		3	351	<b>3,333</b>
Wellington East	375	465	3	93	6				9	3				3			6	174	<b>1,146</b>
Wellington North	93	6	315	6	3		3		9	3	6						3	105	<b>552</b>
Wellington South	2,400	75	15	885	54	6	6		27	12		3		6	6		15	495	<b>4,005</b>
Wellington West	2,019	12	18	84	504	3	3	3	15	6		3		6	3		9	321	<b>3,012</b>
Tawa	21					114	21	3										36	<b>195</b>
Porirua	15			3		6	267	9	3									114	<b>417</b>
Whitby-Pukerua Bay	15				3		6	96			3							30	<b>156</b>
Lower Hutt Central	21						3		855	30	3							195	<b>1,110</b>
Lower Hutt North	15	3		3					96	240	3							84	<b>438</b>
Eastern Bays/Wainuiomata	9						3	3	18	3	150							48	<b>231</b>
Upper Hutt Central/South	15							3	6		3	561	3	3				129	<b>723</b>
Upper Hutt North										3		18	27					15	<b>72</b>
Paraparaumu	12		3			3	3							285	3			48	<b>351</b>
Waikanae	6	3							3					6	75			24	<b>111</b>
North Kapiti	6			3												141		18	<b>162</b>
Wairapara	12			3				3			3	3					750	144	<b>915</b>
<b>Total</b>	<b>7,806</b>	<b>567</b>	<b>369</b>	<b>1,152</b>	<b>654</b>	<b>135</b>	<b>312</b>	<b>114</b>	<b>1,053</b>	<b>303</b>	<b>168</b>	<b>594</b>	<b>30</b>	<b>315</b>	<b>90</b>	<b>141</b>	<b>783</b>	<b>2,334</b>	<b>16,932</b>



**Table 13 Modal Share Origin-Destination Matrix by Walk (% of Trips by Mode)**

**Mode of Travel:** Walked or Jogged

<i>Number of Trips from Origin to Destination by Mode and Motor Vehicle Availability</i>	<b>Workplace Destination</b>																		
<b>Usual Residence Origin</b>	Wellington CBD	Wellington East	Wellington North	Wellington South	Wellington West	Tawa	Porirua	Whitby-Pukerua Bay	Lower Hutt Central	Lower Hutt North	Eastern Bays/Wainuiomata	Upper Hutt Central/South	Upper Hutt North	Paraparaumu	Waikanae	North Kapiti	Wairapara	Unidentified	Total
Wellington CBD	66.0%	5.3%	12.1%	31.0%	48.2%	14.3%		25.0%	5.6%	13.3%				16.7%	100.0%		25.0%	34.1%	<b>53.0%</b>
Wellington East	5.8%	11.4%	1.2%	5.4%	2.0%				1.6%	2.9%				11.1%			16.7%	6.0%	<b>6.8%</b>
Wellington North	1.0%	1.2%	7.4%	0.6%	0.6%		0.6%		0.7%	1.7%	18.2%						6.3%	3.5%	<b>2.7%</b>
Wellington South	23.6%	5.7%	3.6%	19.5%	10.5%	5.4%	2.9%		3.4%	8.2%		2.3%		20.0%	33.3%		25.0%	13.3%	<b>18.0%</b>
Wellington West	22.2%	3.1%	3.8%	8.6%	17.1%	3.1%	1.7%	6.3%	1.9%	4.5%		3.3%		20.0%	50.0%		20.0%	12.7%	<b>16.9%</b>
Tawa	0.9%					9.7%	2.9%	2.7%										3.3%	<b>3.0%</b>
Porirua	0.8%			1.0%		1.4%	8.2%	3.8%	0.6%									4.2%	<b>4.0%</b>
Whitby-Pukerua Bay	0.5%				3.0%		0.4%	4.7%			20.0%							1.9%	<b>1.5%</b>
Lower Hutt Central	0.5%						2.0%		10.5%	3.5%	1.5%							5.8%	<b>5.8%</b>
Lower Hutt North	0.5%	1.6%		1.1%					1.9%	7.8%	2.6%							2.6%	<b>2.7%</b>
Eastern Bays/Wainuiomata	0.5%						4.8%	11.1%	0.5%	0.8%	8.2%							2.7%	<b>2.3%</b>
Upper Hutt Central/South	0.8%							5.9%	0.3%		7.7%	11.7%	2.4%	20.0%				5.9%	<b>5.9%</b>
Upper Hutt North										1.4%		1.1%	5.6%					1.6%	<b>1.4%</b>
Paraparaumu	0.8%		2.0%			3.2%	0.6%							6.2%	1.0%			2.4%	<b>3.4%</b>
Waikanae	1.2%	9.1%							2.7%					0.9%	6.1%			2.9%	<b>2.9%</b>
North Kapiti	2.8%			11.1%												8.7%		2.0%	<b>4.9%</b>
Wairapara	2.1%			5.0%				33.3%			50.0%	1.8%					5.9%	4.2%	<b>5.2%</b>
<b>Total</b>	<b>12.9%</b>	<b>7.5%</b>	<b>4.5%</b>	<b>10.8%</b>	<b>12.5%</b>	<b>4.6%</b>	<b>4.1%</b>	<b>3.9%</b>	<b>4.2%</b>	<b>5.0%</b>	<b>7.1%</b>	<b>6.7%</b>	<b>4.3%</b>	<b>5.2%</b>	<b>5.2%</b>	<b>7.3%</b>	<b>5.9%</b>	<b>6.3%</b>	<b>8.1%</b>

**Table 14 Origin-Destination Matrix by Bicycle**

**Mode of Travel:** Bicycle

<i>Number of Trips from Origin to Destination by Mode and Motor Vehicle Availability</i>	<b>Workplace Destination</b>																		
	Wellington CBD	Wellington East	Wellington North	Wellington South	Wellington West	Tawa	Porirua	Whitby-Pukerua Bay	Lower Hutt Central	Lower Hutt North	Eastern Bays/Wainuiomata	Upper Hutt Central/South	Upper Hutt North	Paraparaumu	Waikanae	North Kapiti	Wairapara	Unidentified	Total
Wellington CBD	57	6		6					3			3						12	87
Wellington East	243	114	3	45	6		3		9	3								66	495
Wellington North	171	6	42	12	3	3	3		15	3		3					3	39	303
Wellington South	351	48		57	15	3	3		12		3	3					3	99	594
Wellington West	234	6	6	30	45				15	3			3				3	57	402
Tawa	12		3			9	12			3								3	45
Porirua	6					3	24	6										24	66
Whitby-Pukerua Bay	12	3	3				12	6	6					3				6	54
Lower Hutt Central	72	3	6	6				3	252	18	3	3						72	432
Lower Hutt North	21	3		3	3				117	51		9						42	252
Eastern Bays/Wainuiomata	18	3							30	3	24							24	105
Upper Hutt Central/South	9								18	9		216	3				3	39	297
Upper Hutt North									9			24	9					12	57
Paraparaumu					3									129	6			36	180
Waikanae				3										9	27	3		21	57
North Kapiti																51		9	60
Wairapara	3				3													456	549
<b>Total</b>	<b>1,218</b>	<b>195</b>	<b>69</b>	<b>162</b>	<b>75</b>	<b>27</b>	<b>57</b>	<b>18</b>	<b>480</b>	<b>93</b>	<b>30</b>	<b>264</b>	<b>12</b>	<b>147</b>	<b>33</b>	<b>51</b>	<b>465</b>	<b>645</b>	<b>4,038</b>

**Table 15 Modal Share Origin-Destination Matrix by Bicycle (% of Trips by Mode)**

**Mode of Travel:** Bicycle

<i>Number of Trips from Origin to Destination by Mode and Motor Vehicle Availability</i>	<b>Workplace Destination</b>																		
<b>Usual Residence Origin</b>	Wellington CBD	Wellington East	Wellington North	Wellington South	Wellington West	Tawa	Porirua	Whitby-Pukerua Bay	Lower Hutt Central	Lower Hutt North	Eastern Bays/Wainuiomata	Upper Hutt Central/South	Upper Hutt North	Paraparaumu	Waikanae	North Kapiti	Wairapara	Unidentified	Total
Wellington CBD	1.4%	5.3%		2.4%					1.4%			10.0%						1.2%	<b>1.4%</b>
Wellington East	3.8%	2.8%	1.2%	2.6%	2.0%		2.6%		1.6%	2.9%								2.3%	<b>3.0%</b>
Wellington North	1.9%	1.2%	1.0%	1.1%	0.6%	1.0%	0.6%		1.2%	1.7%		1.8%					6.3%	1.3%	<b>1.5%</b>
Wellington South	3.4%	3.6%		1.3%	2.9%	2.7%	1.5%		1.5%		10.0%	2.3%					5.0%	2.7%	<b>2.7%</b>
Wellington West	2.6%	1.6%	1.3%	3.1%	1.5%				1.9%	2.3%				10.0%			6.7%	2.3%	<b>2.3%</b>
Tawa	0.5%		0.9%			0.8%	1.6%			7.7%								0.3%	<b>0.7%</b>
Porirua	0.3%					0.7%	0.7%	2.5%										0.9%	<b>0.6%</b>
Whitby-Pukerua Bay	0.4%	2.2%	0.9%				0.9%	0.3%	0.9%					1.8%				0.4%	<b>0.5%</b>
Lower Hutt Central	1.6%	1.5%	1.7%	1.6%				5.3%	3.1%	2.1%	1.5%	0.6%						2.2%	<b>2.3%</b>
Lower Hutt North	0.7%	1.6%		1.1%	2.8%				2.3%	1.7%		1.3%						1.3%	<b>1.5%</b>
Eastern Bays/Wainuiomata	1.0%	2.9%							0.9%	0.8%	1.3%							1.3%	<b>1.0%</b>
Upper Hutt Central/South	0.5%								1.0%	1.8%		4.5%	2.4%				10.0%	1.8%	<b>2.4%</b>
Upper Hutt North									1.1%			1.5%	1.9%					1.3%	<b>1.1%</b>
Paraparaumu					5.6%									2.8%	2.0%			1.8%	<b>1.7%</b>
Waikanae				5.9%										1.4%	2.2%	3.0%		2.5%	<b>1.5%</b>
North Kapiti																3.1%		1.0%	<b>1.8%</b>
Wairapara	0.5%				12.5%												3.6%	2.5%	<b>3.1%</b>
<b>Total</b>	<b>2.0%</b>	<b>2.6%</b>	<b>0.8%</b>	<b>1.5%</b>	<b>1.4%</b>	<b>0.9%</b>	<b>0.7%</b>	<b>0.6%</b>	<b>1.9%</b>	<b>1.5%</b>	<b>1.3%</b>	<b>3.0%</b>	<b>1.7%</b>	<b>2.4%</b>	<b>1.9%</b>	<b>2.6%</b>	<b>3.5%</b>	<b>1.7%</b>	<b>1.9%</b>

**Table 16 Origin-Destination Matrix by Motorcycle**

**Mode of Travel:** Motorcycle

<i>Number of Trips from Origin to Destination by Mode and Motor Vehicle Availability</i>	<b>Workplace Destination</b>																			
	Wellington CBD	Wellington East	Wellington North	Wellington South	Wellington West	Tawa	Porirua	Whitby-Pukerua Bay	Lower Hutt Central	Lower Hutt North	Eastern Bays/Wainuiomata	Upper Hutt Central/South	Upper Hutt North	Paraparaumu	Waikanae	North Kapiti	Wairapara	Unidentified	Total	
Wellington CBD	9	9	3	3	3														0	<b>21</b>
Wellington East	57	24		15	3		3	3	3										21	<b>132</b>
Wellington North	108	6	6	15	3		3		12	3				3					24	<b>183</b>
Wellington South	96	15	3	18	3		3		6										27	<b>171</b>
Wellington West	81	9	6	6	15		3		6			3		3					33	<b>156</b>
Tawa	18	3			3		3		3										3	<b>30</b>
Porirua	21					3	12	3	3										9	<b>48</b>
Whitby-Pukerua Bay	18	3			3		6	6	3			6							6	<b>48</b>
Lower Hutt Central	30		3	3					36	6	3	3							21	<b>111</b>
Lower Hutt North	36	3		3		3			27	18		3							27	<b>120</b>
Eastern Bays/Wainuiomata	9			3					18		3	3							12	<b>54</b>
Upper Hutt Central/South	15	3							9	3		39							21	<b>90</b>
Upper Hutt North	9								6	3		15	3						3	<b>45</b>
Paraparaumu	6						3	3	3					18					12	<b>51</b>
Waikanae						3	3							3	6				3	<b>24</b>
North Kapiti								3								18			6	<b>27</b>
Wairapara	6																	285	54	<b>342</b>
<b>Total</b>	<b>525</b>	<b>72</b>	<b>30</b>	<b>72</b>	<b>27</b>	<b>9</b>	<b>33</b>	<b>12</b>	<b>132</b>	<b>39</b>	<b>3</b>	<b>72</b>	<b>3</b>	<b>21</b>	<b>6</b>	<b>21</b>	<b>288</b>	<b>285</b>	<b>1,656</b>	

**Table 17 Modal Share Origin-Destination Matrix by Motorcycle (% of Trips by Mode)**

**Mode of Travel:** Motorcycle

<i>Number of Trips from Origin to Destination by Mode and Motor Vehicle Availability</i>	<b>Workplace Destination</b>																			
	Wellington CBD	Wellington East	Wellington North	Wellington South	Wellington West	Tawa	Porirua	Whitby-Pukerua Bay	Lower Hutt Central	Lower Hutt North	Eastern Bays/Wainuiomata	Upper Hutt Central/South	Upper Hutt North	Paraparaumu	Waikanae	North Kapiti	Wairapara	Unidentified	Total	
<b>Usual Residence Origin</b>																				
Wellington CBD	0.2%	7.9%	3.0%	1.2%	1.8%													0.0%	<b>0.3%</b>	
Wellington East	0.9%	0.6%		0.9%	1.0%		2.6%	12.5%	0.5%										0.7%	<b>0.8%</b>
Wellington North	1.2%	1.2%	0.1%	1.4%	0.6%		0.6%		0.9%	1.7%				7.7%					0.8%	<b>0.9%</b>
Wellington South	0.9%	1.1%	0.7%	0.4%	0.6%		1.5%		0.8%										0.7%	<b>0.8%</b>
Wellington West	0.9%	2.3%	1.3%	0.6%	0.5%		1.7%		0.8%			3.3%		10.0%					1.3%	<b>0.9%</b>
Tawa	0.8%	3.3%			3.3%		0.4%		0.9%										0.3%	<b>0.5%</b>
Porirua	1.2%					0.7%	0.4%	1.3%	0.6%										0.3%	<b>0.5%</b>
Whitby-Pukerua Bay	0.6%	2.2%			3.0%		0.4%	0.3%	0.4%			3.8%							0.4%	<b>0.5%</b>
Lower Hutt Central	0.7%		0.8%	0.8%					0.4%	0.7%	1.5%	0.6%							0.6%	<b>0.6%</b>
Lower Hutt North	1.3%	1.6%		1.1%		3.0%			0.5%	0.6%		0.4%							0.8%	<b>0.7%</b>
Eastern Bays/Wainuiomata	0.5%			1.7%					0.5%		0.2%	1.7%							0.7%	<b>0.5%</b>
Upper Hutt Central/South	0.8%	3.4%							0.5%	0.6%		0.8%							1.0%	<b>0.7%</b>
Upper Hutt North	1.4%								0.7%	1.4%		0.9%	0.6%						0.3%	<b>0.9%</b>
Paraparaumu	0.4%						0.6%	3.0%	0.7%					0.4%					0.6%	<b>0.5%</b>
Waikanae						9.1%	3.6%							0.5%	0.5%				0.4%	<b>0.6%</b>
North Kapiti								33.3%								1.1%			0.7%	<b>0.8%</b>
Wairapara	1.1%																2.2%		1.6%	<b>2.0%</b>
<b>Total</b>	<b>0.9%</b>	<b>1.0%</b>	<b>0.4%</b>	<b>0.7%</b>	<b>0.5%</b>	<b>0.3%</b>	<b>0.4%</b>	<b>0.4%</b>	<b>0.5%</b>	<b>0.6%</b>	<b>0.1%</b>	<b>0.8%</b>	<b>0.4%</b>	<b>0.3%</b>	<b>0.3%</b>	<b>1.1%</b>	<b>2.2%</b>	<b>0.8%</b>	<b>0.8%</b>	

**Table 18 Origin-Destination Matrix by Other Mode**

**Mode of Travel:** Other

<i>Number of Trips from Origin to Destination by Mode and Motor Vehicle Availability</i>	<b>Workplace Destination</b>																		
	Wellington CBD	Wellington East	Wellington North	Wellington South	Wellington West	Tawa	Porirua	Whitby-Pukerua Bay	Lower Hutt Central	Lower Hutt North	Eastern Bays/Wainuiomata	Upper Hutt Central/South	Upper Hutt North	Paraparaumu	Waikanae	North Kapiti	Wairapara	Unidentified	Total
Wellington CBD	84	3	3	3			3		3									27	126
Wellington East	69	36		12					6								3	54	183
Wellington North	69	6	18	6		3	3	3	9								3	54	168
Wellington South	147	18	3	30		3		3	9									66	282
Wellington West	165	3		3	24		3		6			3						48	258
Tawa	18					12	3	3										12	51
Porirua	9	6	3			3	42	3			3							45	114
Whitby-Pukerua Bay	36				3	3	6	15	6									24	90
Lower Hutt Central	30	3							39	6	3							45	129
Lower Hutt North	21	3	3				3		21	15								39	96
Eastern Bays/Wainuiomata	60	3		3	3				15		15							45	144
Upper Hutt Central/South	12								3			24						18	54
Upper Hutt North	6	3											3					6	21
Paraparaumu	12								6					15				15	48
Waikanae	3																	6	15
North Kapiti	3																	6	9
Wairapara	3											3					36	18	63
<b>Total</b>	<b>735</b>	<b>81</b>	<b>39</b>	<b>63</b>	<b>30</b>	<b>21</b>	<b>51</b>	<b>18</b>	<b>126</b>	<b>24</b>	<b>21</b>	<b>36</b>	<b>3</b>	<b>18</b>	<b>3</b>	<b>3</b>	<b>42</b>	<b>528</b>	<b>1,848</b>

**Table 19 Modal Share Origin-Destination Matrix by Other Mode (% of Trips by Mode)**

**Mode of Travel:** Other

<i>Number of Trips from Origin to Destination by Mode and Motor Vehicle Availability</i>	<b>Workplace Destination</b>																		
<b>Usual Residence Origin</b>	Wellington CBD	Wellington East	Wellington North	Wellington South	Wellington West	Tawa	Porirua	Whitby-Pukerua Bay	Lower Hutt Central	Lower Hutt North	Eastern Bays/Wainuiomata	Upper Hutt Central/South	Upper Hutt North	Paraparaumu	Waikanae	North Kapiti	Wairapara	Unidentified	Total
Wellington CBD	2.0%	2.6%	3.0%	1.2%			6.3%		1.4%									2.6%	<b>2.0%</b>
Wellington East	1.1%	0.9%		0.7%					1.0%								8.3%	1.9%	<b>1.1%</b>
Wellington North	0.8%	1.2%	0.4%	0.6%		1.0%	0.6%	2.8%	0.7%								6.3%	1.8%	<b>0.8%</b>
Wellington South	1.4%	1.4%	0.7%	0.7%		2.7%		8.3%	1.1%									1.8%	<b>1.3%</b>
Wellington West	1.8%	0.8%		0.3%	0.8%		1.7%		0.8%			3.3%						1.9%	<b>1.4%</b>
Tawa	0.8%					1.0%	0.4%	2.7%										1.1%	<b>0.8%</b>
Porirua	0.5%	3.6%	0.5%			0.7%	1.3%	1.3%			33.3%							1.7%	<b>1.1%</b>
Whitby-Pukerua Bay	1.2%				3.0%	1.0%	0.4%	0.7%	0.9%									1.5%	<b>0.9%</b>
Lower Hutt Central	0.7%	1.5%							0.5%	0.7%	1.5%							1.3%	<b>0.7%</b>
Lower Hutt North	0.7%	1.6%	0.9%				1.8%		0.4%	0.5%								1.2%	<b>0.6%</b>
Eastern Bays/Wainuiomata	3.4%	2.9%		1.7%	3.8%				0.5%		0.8%							2.5%	<b>1.4%</b>
Upper Hutt Central/South	0.6%								0.2%			0.5%						0.8%	<b>0.4%</b>
Upper Hutt North	0.9%	7.7%											0.6%					0.7%	<b>0.4%</b>
Paraparaumu	0.8%								1.4%					0.3%				0.7%	<b>0.5%</b>
Waikanae	0.6%																	0.7%	<b>0.4%</b>
North Kapiti	1.4%																	0.7%	<b>0.3%</b>
Wairapara	0.5%											1.8%					0.3%	0.5%	<b>0.4%</b>
<b>Total</b>	<b>1.2%</b>	<b>1.1%</b>	<b>0.5%</b>	<b>0.6%</b>	<b>0.6%</b>	<b>0.7%</b>	<b>0.7%</b>	<b>0.6%</b>	<b>0.5%</b>	<b>0.4%</b>	<b>0.9%</b>	<b>0.4%</b>		<b>0.3%</b>	<b>0.2%</b>	<b>0.2%</b>	<b>0.3%</b>	<b>1.4%</b>	<b>0.9%</b>

**Table 20 Origin-Destination Matrix by Did Not Go to Work on Census Day**

**Mode of Travel:** Did Not Go To Work Today

<i>Number of Trips from Origin to Destination by Mode and Motor Vehicle Availability</i>	<b>Workplace Destination</b>																		
<b>Usual Residence Origin</b>	Wellington CBD	Wellington East	Wellington North	Wellington South	Wellington West	Tawa	Porirua	Whitby-Pukerua Bay	Lower Hutt Central	Lower Hutt North	Eastern Bays/Wainuiomata	Upper Hutt Central/South	Upper Hutt North	Paraparaumu	Waikanae	North Kapiti	Wairapara	Unidentified	Total
Wellington CBD	309	12	6	18	15	3	3		9	3		3		6		3	3	129	<b>519</b>
Wellington East	492	504	12	240	24	6	18	3	36	9	3	3		6	3		3	327	<b>1,698</b>
Wellington North	726	48	648	123	51	24	60	6	96	15	3	12		6	3	6	6	360	<b>2,193</b>
Wellington South	903	162	54	573	63	12	18	6	69	9	6	9					6	462	<b>2,352</b>
Wellington West	798	45	78	135	339	6	24	6	81	12	3	3		6		6	9	360	<b>1,911</b>
Tawa	195	12	48	21	9	159	126	18	36	3	3	6		6			3	165	<b>807</b>
Porirua	168	15	69	30	12	39	423	42	48	6		6		9	3	3		324	<b>1,191</b>
Whitby-Pukerua Bay	225	15	45	45	15	39	222	300	51	15	3	18	3	15	3	6	6	216	<b>1,236</b>
Lower Hutt Central	360	27	33	54	12	6	18	9	909	96	18	42	3	3			3	336	<b>1,941</b>
Lower Hutt North	249	24	33	27	12	15	18	3	576	354	21	87	3		3		6	351	<b>1,773</b>
Eastern Bays/Wainuiomata	174	15	21	18	12	6	6		372	45	282	18		3			3	189	<b>1,164</b>
Upper Hutt Central/South	198	6	12	15	9	6	15	6	183	57	6	636	21	3			3	276	<b>1,455</b>
Upper Hutt North	57	6	6	6	3	3	6	3	84	21	3	210	54					93	<b>549</b>
Paraparaumu	144	12	12	12	6	12	51	9	42	6	3	18	3	735	54	9	3	279	<b>1,416</b>
Waikanae	60	6	12	9	3		3	3	15			6		102	168	12		114	<b>519</b>
North Kapiti	15		3	3			6		6	3	3	3		33	21	162		114	<b>378</b>
Wairapara	51	3	6	6		3	3		30	3	3	18					1,542	444	<b>2,109</b>
<b>Total</b>	<b>5,124</b>	<b>909</b>	<b>1,098</b>	<b>1,335</b>	<b>585</b>	<b>339</b>	<b>1,017</b>	<b>420</b>	<b>2,649</b>	<b>663</b>	<b>348</b>	<b>1,098</b>	<b>93</b>	<b>936</b>	<b>261</b>	<b>210</b>	<b>1,599</b>	<b>4,536</b>	<b>23,208</b>



**Table 21 Modal Share Origin-Destination Matrix by Did Not Go to Work on Census Day (% of Trips by Mode)**

**Mode of Travel:** Did Not Go To Work Today

<i>Number of Trips from Origin to Destination by Mode and Motor Vehicle Availability</i>	<b>Workplace Destination</b>																		
	Wellington CBD	Wellington East	Wellington North	Wellington South	Wellington West	Tawa	Porirua	Whitby-Pukerua Bay	Lower Hutt Central	Lower Hutt North	Eastern Bays/Wainuiomata	Upper Hutt Central/South	Upper Hutt North	Paraparaumu	Waikanae	North Kapiti	Wairapara	Unidentified	Total
<b>Usual Residence Origin</b>																			
Wellington CBD	7.3%	10.5%	6.1%	7.1%	8.9%	14.3%	6.3%		4.2%	6.7%		10.0%		33.3%		50.0%	25.0%	12.5%	<b>8.2%</b>
Wellington East	7.6%	12.4%	4.7%	14.0%	8.1%	9.5%	15.4%	12.5%	6.3%	8.6%	14.3%	5.3%		22.2%	33.3%		8.3%	11.3%	<b>10.1%</b>
Wellington North	8.2%	9.8%	15.3%	11.7%	10.7%	8.1%	11.6%	5.6%	7.5%	8.6%	9.1%	7.1%		15.4%	33.3%	50.0%	12.5%	12.0%	<b>10.5%</b>
Wellington South	8.9%	12.3%	13.0%	12.6%	12.2%	10.8%	8.8%	16.7%	8.7%	6.1%	20.0%	6.8%					10.0%	12.4%	<b>10.6%</b>
Wellington West	8.8%	11.7%	16.5%	13.9%	11.5%	6.3%	13.3%	12.5%	10.3%	9.1%	14.3%	3.3%		20.0%		33.3%	20.0%	14.3%	<b>10.7%</b>
Tawa	8.7%	13.3%	14.5%	10.0%	10.0%	13.5%	17.1%	16.2%	10.6%	7.7%	25.0%	13.3%		18.2%			33.3%	15.2%	<b>12.3%</b>
Porirua	9.4%	9.1%	11.9%	9.5%	16.0%	9.3%	13.0%	17.7%	9.6%	8.7%		6.9%		10.7%	33.3%	100.0%		12.0%	<b>11.6%</b>
Whitby-Pukerua Bay	7.7%	10.9%	14.2%	16.1%	15.2%	13.1%	16.2%	14.8%	7.3%	13.2%	20.0%	11.3%	33.3%	8.8%	33.3%	33.3%	40.0%	13.8%	<b>12.1%</b>
Lower Hutt Central	7.9%	13.8%	9.3%	14.2%	6.7%	6.3%	11.8%	15.8%	11.1%	11.1%	9.2%	8.9%	25.0%	12.5%			11.1%	10.0%	<b>10.2%</b>
Lower Hutt North	8.9%	13.1%	9.4%	9.7%	11.1%	15.2%	10.7%	6.7%	11.4%	11.5%	18.4%	12.4%	12.5%		50.0%		20.0%	10.8%	<b>10.8%</b>
Eastern Bays/Wainuiomata	9.8%	14.3%	9.0%	10.0%	15.4%	10.0%	9.5%		11.3%	11.3%	15.3%	10.0%		20.0%			16.7%	10.6%	<b>11.6%</b>
Upper Hutt Central/South	10.1%	6.9%	6.5%	8.9%	15.8%	12.5%	11.6%	11.8%	9.9%	11.2%	15.4%	13.3%	16.7%	20.0%			10.0%	12.6%	<b>11.9%</b>
Upper Hutt North	8.6%	15.4%	6.3%	9.1%	11.1%	14.3%	9.1%	10.0%	10.4%	9.6%	25.0%	13.0%	11.2%					10.1%	<b>10.8%</b>
Paraparaumu	9.0%	13.3%	8.2%	9.8%	11.1%	12.9%	11.0%	9.1%	9.7%	10.0%	25.0%	15.0%	50.0%	15.9%	18.0%	8.3%	16.7%	13.9%	<b>13.7%</b>
Waikanae	11.6%	18.2%	20.0%	17.6%	16.7%		3.6%	11.1%	13.5%			28.6%		15.6%	13.6%	12.1%		13.8%	<b>13.7%</b>
North Kapiti	6.9%		20.0%	11.1%			15.4%		14.3%	25.0%	100.0%	25.0%		12.9%	18.4%	10.0%		12.7%	<b>11.4%</b>
Wairapara	8.9%	9.1%	18.2%	10.0%		25.0%	14.3%		11.2%	6.7%	50.0%	10.7%					12.0%	13.0%	<b>12.1%</b>
<b>Total</b>	<b>8.5%</b>	<b>12.0%</b>	<b>13.4%</b>	<b>12.5%</b>	<b>11.2%</b>	<b>11.4%</b>	<b>13.4%</b>	<b>14.2%</b>	<b>10.5%</b>	<b>11.0%</b>	<b>14.7%</b>	<b>12.4%</b>	<b>13.5%</b>	<b>15.5%</b>	<b>14.9%</b>	<b>10.9%</b>	<b>12.1%</b>	<b>12.2%</b>	<b>11.1%</b>

**Table 22 Origin-Destination Matrix by Work at Home**

**Mode of Travel:** Worked at Home

<i>Number of Trips from Origin to Destination by Mode and Motor Vehicle Availability</i>	<b>Workplace Destination</b>																			
<b>Usual Residence Origin</b>	Wellington CBD	Wellington East	Wellington North	Wellington South	Wellington West	Tawa	Porirua	Whitby-Pukerau Bay	Lower Hutt Central	Lower Hutt North	Eastern Bays/Wainuiomata	Upper Hutt Central/South	Upper Hutt North	Paraparaumu	Waikanae	North Kapiti	Wairapara	Unidentified	Total	
Wellington CBD	318			6	3				3										24	<b>351</b>
Wellington East	33	780		15	3				6						3				51	<b>891</b>
Wellington North	39	3	954	3	3	3	3	6	9										51	<b>1,071</b>
Wellington South	78	6	3	870	6		3		6								3		90	<b>1,074</b>
Wellington West	63	3	3	3	807		3		6	3									42	<b>939</b>
Tawa	12		3			276	3	3	3										15	<b>309</b>
Porirua	9		3	3			258	3				3		3					57	<b>336</b>
Whitby-Pukerau Bay	24		3		3	3	9	600	9	3	3		3						27	<b>678</b>
Lower Hutt Central	27							3	861	6		3							51	<b>963</b>
Lower Hutt North	12	6	3				3		24	606	3	3	3				3		42	<b>699</b>
Eastern Bays/Wainuiomata	9	3	3						12	3	420								27	<b>480</b>
Upper Hutt Central/South	15		3	3					9			531							33	<b>594</b>
Upper Hutt North	6		3		3			3	6	3		6	177						6	<b>204</b>
Paraparaumu	21			3			6		3	3				642	6				45	<b>732</b>
Waikanae	9						3		3					6	381				27	<b>435</b>
North Kapiti	6	3												3	3	411			27	<b>450</b>
Wairapara	12			3	3													2,337	132	<b>2,484</b>
<b>Total</b>	<b>696</b>	<b>801</b>	<b>978</b>	<b>915</b>	<b>831</b>	<b>285</b>	<b>288</b>	<b>612</b>	<b>960</b>	<b>627</b>	<b>429</b>	<b>549</b>	<b>180</b>	<b>654</b>	<b>390</b>	<b>414</b>	<b>2,340</b>	<b>750</b>	<b>12,699</b>	

**Table 23 Modal Share Origin-Destination Matrix by Work at Home (% of Trips by Mode)**

**Mode of Travel:** Worked at Home

<i>Number of Trips from Origin to Destination by Mode and Motor Vehicle Availability</i>	<b>Workplace Destination</b>																		<b>Total</b>	
<b>Usual Residence Origin</b>	Wellington CBD	Wellington East	Wellington North	Wellington South	Wellington West	Tawa	Porirua	Whitby-Pukerua Bay	Lower Hutt Central	Lower Hutt North	Eastern Bays/Wainuiomata	Upper Hutt Central/South	Upper Hutt North	Paraparaumu	Waikanae	North Kapiti	Wairapara	Unidentified		
Wellington CBD	7.5%			2.4%	1.8%				1.4%										2.3%	<b>5.6%</b>
Wellington East	0.5%	19.1%		0.9%	1.0%				1.0%						33.3%				1.8%	<b>5.3%</b>
Wellington North	0.4%	0.6%	22.5%	0.3%	0.6%	1.0%	0.6%	5.6%	0.7%										1.7%	<b>5.1%</b>
Wellington South	0.8%	0.5%	0.7%	19.2%	1.2%		1.5%	0.5%	0.8%								5.0%		2.4%	<b>4.8%</b>
Wellington West	0.7%	0.8%	0.6%	0.3%	27.4%		1.7%		0.8%	2.3%									1.7%	<b>5.3%</b>
Tawa	0.5%		0.9%			23.4%	0.4%	2.7%	0.9%										1.4%	<b>4.7%</b>
Porirua	0.5%		0.5%	1.0%			7.9%	1.3%				3.4%		3.6%					2.1%	<b>3.3%</b>
Whitby-Pukerua Bay	0.8%		0.9%		3.0%	1.0%	0.7%	29.7%	1.3%	2.6%	20.0%		33.3%						1.7%	<b>6.6%</b>
Lower Hutt Central	0.6%							5.3%	10.5%	0.7%		0.6%							1.5%	<b>5.1%</b>
Lower Hutt North	0.4%	3.3%	0.9%				1.8%		0.5%	19.7%	2.6%	0.4%	12.5%				10.0%		1.3%	<b>4.3%</b>
Eastern Bays/Wainuiomata	0.5%	2.9%	1.3%						0.4%	0.8%	22.8%								1.5%	<b>4.8%</b>
Upper Hutt Central/South	0.8%		1.6%	1.8%					0.5%			11.1%							1.5%	<b>4.9%</b>
Upper Hutt North	0.9%		3.1%		11.1%			10.0%	0.7%	1.4%		0.4%	36.6%						0.7%	<b>4.0%</b>
Paraparaumu	1.3%			2.4%			1.3%		0.7%	5.0%				13.9%	2.0%				2.2%	<b>7.1%</b>
Waikanae	1.7%						3.6%		2.7%					0.9%	30.8%				3.3%	<b>11.4%</b>
North Kapiti	2.8%	25.0%												1.2%	2.6%	25.3%			3.0%	<b>13.6%</b>
Wairapara	2.1%			5.0%	12.5%												18.3%		3.9%	<b>14.2%</b>
<b>Total</b>	<b>1.2%</b>	<b>10.6%</b>	<b>12.0%</b>	<b>8.6%</b>	<b>15.9%</b>	<b>9.6%</b>	<b>3.8%</b>	<b>20.7%</b>	<b>3.8%</b>	<b>10.4%</b>	<b>18.1%</b>	<b>6.2%</b>	<b>26.1%</b>	<b>10.8%</b>	<b>22.3%</b>	<b>21.4%</b>	<b>17.7%</b>	<b>2.0%</b>	<b>6.1%</b>	

**Table 24 Origin-Destination Matrix by Not Stated**

**Mode of Travel:** Not Stated

<i>Number of Trips from Origin to Destination by Mode and Motor Vehicle Availability</i>	<b>Workplace Destination</b>																		
<b>Usual Residence Origin</b>	Wellington CBD	Wellington East	Wellington North	Wellington South	Wellington West	Tawa	Porirua	Whitby-Pukerua Bay	Lower Hutt Central	Lower Hutt North	Eastern Bays/Wainuiomata	Upper Hutt Central/South	Upper Hutt North	Paraparaumu	Waikanae	North Kapiti	Wairapara	Unidentified	Total
Wellington CBD	33	6							3									231	<b>273</b>
Wellington East	54	63	3	21	3				9		3							288	<b>453</b>
Wellington North	51	6	51	9	3		6		3									228	<b>363</b>
Wellington South	84	21	6	93	6		3		3									387	<b>597</b>
Wellington West	72	3	6	9	42		3		6					3		3		210	<b>354</b>
Tawa	9		6	3		9	6		3		3							72	<b>111</b>
Porirua	30	3	27	6	3	9	99	6	6	3					3			438	<b>630</b>
Whitby-Pukerua Bay	18		3				15	27								3		105	<b>168</b>
Lower Hutt Central	21	3	3	3					99	3		6		3				336	<b>477</b>
Lower Hutt North	21	6	3		3	3			69	66	3	6						432	<b>609</b>
Eastern Bays/Wainuiomata	27	3		3			3		33	6	39	9		3		3		210	<b>330</b>
Upper Hutt Central/South	9	3		3					9	6	3	54	3					222	<b>315</b>
Upper Hutt North	6								3	3		15	9					66	<b>99</b>
Paraparaumu	6					3	6		6					54	3			162	<b>237</b>
Waikanae	6													6	30			78	<b>120</b>
North Kapiti	3													6	3	24		96	<b>132</b>
Wairapara	6	3															180	348	<b>540</b>
<b>Total</b>	<b>462</b>	<b>117</b>	<b>105</b>	<b>150</b>	<b>63</b>	<b>24</b>	<b>135</b>	<b>36</b>	<b>255</b>	<b>90</b>	<b>45</b>	<b>93</b>	<b>12</b>	<b>75</b>	<b>33</b>	<b>27</b>	<b>189</b>	<b>3,894</b>	<b>5,805</b>

**Table 25 Modal Share Origin-Destination Matrix by Work at Home (% of Trips by Mode)**

**Mode of Travel:** Not Stated

<i>Number of Trips from Origin to Destination by Mode and Motor Vehicle Availability</i>	<b>Workplace Destination</b>																		
<b>Usual Residence Origin</b>	Wellington CBD	Wellington East	Wellington North	Wellington South	Wellington West	Tawa	Porirua	Whitby-Pukerua Bay	Lower Hutt Central	Lower Hutt North	Eastern Bays/Wainuiomata	Upper Hutt Central/South	Upper Hutt North	Paraparaumu	Waikanae	North Kapiti	Wairapara	Unidentified	Total
Wellington CBD	0.8%	5.3%							1.4%									22.4%	<b>4.3%</b>
Wellington East	0.8%	1.5%	1.2%	1.2%	1.0%				1.6%		14.3%							9.9%	<b>2.7%</b>
Wellington North	0.6%	1.2%	1.2%	0.9%	0.6%		1.2%		0.2%									7.6%	<b>1.7%</b>
Wellington South	0.8%	1.6%	1.4%	2.0%	1.2%		1.5%		0.4%									10.4%	<b>2.7%</b>
Wellington West	0.8%	0.8%	1.3%	0.9%	1.4%		1.7%		0.8%					10.0%		16.7%		8.3%	<b>2.0%</b>
Tawa	0.4%		1.8%	1.4%		0.8%	0.8%		0.9%		25.0%							6.6%	<b>1.7%</b>
Porirua	1.7%	1.8%	4.7%	1.9%	4.0%	2.1%	3.0%	2.5%	1.2%	4.3%					33.3%			16.3%	<b>6.1%</b>
Whitby-Pukerua Bay	0.6%		0.9%				1.1%	1.3%								16.7%		6.7%	<b>1.6%</b>
Lower Hutt Central	0.5%	1.5%	0.8%	0.8%					1.2%	0.3%		1.3%		12.5%				10.0%	<b>2.5%</b>
Lower Hutt North	0.7%	3.3%	0.9%		2.8%	3.0%			1.4%	2.1%	2.6%	0.9%						13.2%	<b>3.7%</b>
Eastern Bays/Wainuiomata	1.5%	2.9%		1.7%			4.8%		1.0%	1.5%	2.1%	5.0%		20.0%		33.3%		11.8%	<b>3.3%</b>
Upper Hutt Central/South	0.5%	3.4%		1.8%					0.5%	1.2%	7.7%	1.1%	2.4%					10.2%	<b>2.6%</b>
Upper Hutt North	0.9%								0.4%	1.4%		0.9%	1.9%					7.2%	<b>1.9%</b>
Paraparaumu	0.4%					3.2%	1.3%		1.4%					1.2%	1.0%			8.1%	<b>2.3%</b>
Waikanae	1.2%													0.9%	2.4%			9.4%	<b>3.2%</b>
North Kapiti	1.4%													2.4%	2.6%	1.5%		10.7%	<b>4.0%</b>
Wairapara	1.1%	9.1%															1.4%	10.2%	<b>3.1%</b>
<b>Total</b>	<b>0.8%</b>	<b>1.5%</b>	<b>1.3%</b>	<b>1.4%</b>	<b>1.2%</b>	<b>0.8%</b>	<b>1.8%</b>	<b>1.2%</b>	<b>1.0%</b>	<b>1.5%</b>	<b>1.9%</b>	<b>1.1%</b>	<b>1.7%</b>	<b>1.2%</b>	<b>1.9%</b>	<b>1.4%</b>	<b>1.4%</b>	<b>10.5%</b>	<b>2.8%</b>

**Table 26 Top 10 Origin – Destination Pairs**

<b>Total</b>			
	Origin	Destination	Number of Trips
1	Wairapara	Wairapara	12801
2	Wellington South	Wellington CBD	10185
3	Wellington West	Wellington CBD	9105
4	Wellington North	Wellington CBD	8862
5	Lower Hutt Central	Lower Hutt Central	8163
6	Wellington East	Wellington CBD	6438
7	Lower Hutt North	Lower Hutt Central	5064
8	Upper Hutt Central/South	Upper Hutt Central/South	4791
9	Paraparaumu	Paraparaumu	4632
10	Lower Hutt Central	Wellington CBD	4542
<b>Private Auto</b>			
	Origin	Destination	Number of Trips
1	Wairapara	Wairapara	5718
2	Wellington North	Wellington CBD	3870
3	Lower Hutt Central	Lower Hutt Central	3594
4	Lower Hutt North	Lower Hutt Central	2883
5	Wellington West	Wellington CBD	2793
6	Wellington South	Wellington CBD	2538
7	Wellington East	Wellington CBD	2262
8	Upper Hutt Central/South	Upper Hutt Central/South	2088
9	Paraparaumu	Paraparaumu	2064
10	Eastern Bays/Wainuiomata	Lower Hutt Central	1953
<b>Company Auto</b>			
	Origin	Destination	Number of Trips
1	Wairapara	Wairapara	942
2	Lower Hutt Central	Lower Hutt Central	816
3	Lower Hutt North	Lower Hutt Central	534
4	Wellington North	Wellington CBD	507
5	Paraparaumu	Paraparaumu	420
6	Wellington South	Wellington CBD	360
7	Wellington West	Wellington CBD	354
8	Eastern Bays/Wainuiomata	Lower Hutt Central	345
9	Wellington East	Wellington CBD	324
10	Upper Hutt Central/South	Upper Hutt Central/South	321
<b>Passenger</b>			
	Origin	Destination	Number of Trips
1	Wellington North	Wellington CBD	855
2	Wellington West	Wellington CBD	621
3	Wellington South	Wellington CBD	603
4	Wairapara	Wairapara	471
5	Wellington East	Wellington CBD	417
6	Lower Hutt Central	Lower Hutt Central	369
7	Lower Hutt North	Lower Hutt Central	339
8	Porirua	Porirua	288
9	Lower Hutt Central	Wellington CBD	276
10	Eastern Bays/Wainuiomata	Lower Hutt Central	261

### Top 10 Origin – Destination Pairs

<b>Train</b>			
	Origin	Destination	Number of Trips
1	Lower Hutt Central	Wellington CBD	1,728
2	Lower Hutt North	Wellington CBD	1,026
3	Tawa	Wellington CBD	978
4	Whitby-Pakerua Bay	Wellington CBD	921
5	Wellington North	Wellington CBD	858
6	Upper Hutt Central/South	Wellington CBD	807
7	Paraparaumu	Wellington CBD	564
8	Porirua	Wellington CBD	555
9	Eastern Bays/Wainuiomata	Wellington CBD	288
10	Wairapara	Wellington CBD	288
<b>Public Bus</b>			
	Origin	Destination	Number of Trips
1	Wellington South	Wellington CBD	2619
2	Wellington East	Wellington CBD	2091
3	Wellington West	Wellington CBD	1821
4	Wellington North	Wellington CBD	1512
5	Wellington South	Wellington South	285
6	Lower Hutt North	Lower Hutt Central	279
7	Lower Hutt Central	Wellington CBD	279
8	Eastern Bays/Wainuiomata	Wellington CBD	273
9	Wellington East	Wellington East	234
10	Eastern Bays/Wainuiomata	Lower Hutt Central	231
<b>Walked and Jogged</b>			
	Origin	Destination	Number of Trips
1	Wellington CBD	Wellington CBD	2781
2	Wellington South	Wellington CBD	2400
3	Wellington West	Wellington CBD	2019
4	Wellington South	Wellington South	885
5	Lower Hutt Central	Lower Hutt Central	855
6	Wairapara	Wairapara	750
7	Upper Hutt Central/South	Upper Hutt Central/South	561
8	Wellington West	Wellington West	504
9	Wellington East	Wellington East	465
10	Wellington East	Wellington CBD	375
<b>Bicycle</b>			
	Origin	Destination	Number of Trips
1	Wairapara	Wairapara	456
2	Wellington South	Wellington CBD	351
3	Lower Hutt Central	Lower Hutt Central	252
4	Wellington East	Wellington CBD	243
5	Wellington West	Wellington CBD	234
6	Upper Hutt Central/South	Upper Hutt Central/South	216
7	Wellington North	Wellington CBD	171
8	Paraparaumu	Paraparaumu	129
9	Lower Hutt North	Lower Hutt Central	117
10	Wellington East	Wellington East	114

### Top 10 Origin – Destination Pairs

<b>Motorcycle</b>			
	Origin	Destination	Number of Trips
1	Wairapara	Wairapara	285
2	Wellington North	Wellington CBD	108
3	Wellington South	Wellington CBD	96
4	Wellington West	Wellington CBD	81
5	Wellington East	Wellington CBD	57
6	Upper Hutt Central/South	Upper Hutt Central/South	39
7	Lower Hutt North	Wellington CBD	36
8	Lower Hutt Central	Lower Hutt Central	36
9	Lower Hutt Central	Wellington CBD	30
10	Wellington East	Wellington East	24
<b>Other (taxi/ferry/helicopter/aeroplane)</b>			
1	Wellington West	Wellington CBD	165
2	Wellington South	Wellington CBD	147
3	Wellington CBD	Wellington CBD	84
4	Wellington East	Wellington CBD	69
5	Wellington North	Wellington CBD	69
6	Eastern Bays/Wainuiomata	Wellington CBD	60
7	Porirua	Porirua	42
8	Lower Hutt Central	Lower Hutt Central	39
9	Wairapara	Wairapara	36
10	Wellington East	Wellington East	36



**Table 27 Residence Sector Journey to Work Trips by Mode**

<b>Journey to work trips by mode</b>											
	Private Auto	Company Auto	Passenger	Tran	Bus	Walk	Bicycle	Motorcycle	Other	Not stated	Total
Wellington CBD	882	195	123	69	312	3,333	87	21	126	273	5,421
Wellington East	6,579	1,245	807	27	3,072	1,146	495	132	183	453	14,139
Wellington North	9,690	1,809	1,368	1,137	1,965	552	303	183	168	363	17,538
Wellington South	7,059	1,224	1,056	78	3,780	4,005	594	171	282	597	18,846
Wellington West	6,330	939	933	171	2,463	3,012	402	156	258	354	15,018
Tawa	2,784	558	306	1,287	63	195	45	30	51	111	5,430
Porirua	4,461	681	978	789	594	417	66	48	114	630	8,778
Whitby-Pukerua Bay	4,713	1,314	432	1,242	99	156	54	48	90	168	8,316
Lower Hutt Central	8,022	1,914	969	2,334	663	1,110	432	111	129	477	16,161
Lower Hutt North	7,578	1,749	972	1,422	633	438	252	120	96	609	13,869
Eastern Bays/Wainuiomata	4,881	999	618	360	708	231	105	54	144	330	8,430
Upper Hutt Central/South	5,460	1,263	636	1,134	216	723	297	90	54	315	10,188
Upper Hutt North	2,700	645	285	234	171	72	57	45	21	99	4,329
Paraparaumu	4,650	1,257	522	765	153	351	180	51	48	237	8,214
Waikanae	1,644	462	132	210	72	111	57	24	15	120	2,847
North Kapiti	1,545	315	138	84	12	162	60	27	9	132	2,484
Wairapara	7,533	1,527	792	528	93	915	549	342	63	540	12,882
<b>Total</b>	<b>86,517</b>	<b>18,090</b>	<b>11,070</b>	<b>11,868</b>	<b>15,072</b>	<b>16,932</b>	<b>4,038</b>	<b>1,656</b>	<b>1,848</b>	<b>5,805</b>	<b>172,896</b>
Note: excludes did not work and worked at home											

**Table 28 Residence Sector Journey to Work Modal Share**

Percentage of trips by mode												
	Private Auto	Company Auto	Passenger	Trian	Bus	Walk	Bicycle	Motorcycle	Other	Not stated	Total	
Wellington CBD	16.3%	3.6%	2.3%	1.3%	5.8%	61.5%	1.6%	0.4%	2.3%	5.0%	100.0%	
Wellington East	46.5%	8.8%	5.7%	0.2%	21.7%	8.1%	3.5%	0.9%	1.3%	3.2%	100.0%	
Wellington North	55.3%	10.3%	7.8%	6.5%	11.2%	3.1%	1.7%	1.0%	1.0%	2.1%	100.0%	
Wellington South	37.5%	6.5%	5.6%	0.4%	20.1%	21.3%	3.2%	0.9%	1.5%	3.2%	100.0%	
Wellington West	42.1%	6.3%	6.2%	1.1%	16.4%	20.1%	2.7%	1.0%	1.7%	2.4%	100.0%	
Tawa	51.3%	10.3%	5.6%	23.7%	1.2%	3.6%	0.8%	0.6%	0.9%	2.0%	100.0%	
Porirua	50.8%	7.8%	11.1%	9.0%	6.8%	4.8%	0.8%	0.5%	1.3%	7.2%	100.0%	
Whitby-Pukerua Bay	56.7%	15.8%	5.2%	14.9%	1.2%	1.9%	0.6%	0.6%	1.1%	2.0%	100.0%	
Lower Hutt Central	49.6%	11.8%	6.0%	14.4%	4.1%	6.9%	2.7%	0.7%	0.8%	3.0%	100.0%	
Lower Hutt North	54.6%	12.6%	7.0%	10.3%	4.6%	3.2%	1.8%	0.9%	0.7%	4.4%	100.0%	
Eastern Bays/Wainuiomata	57.9%	11.9%	7.3%	4.3%	8.4%	2.7%	1.2%	0.6%	1.7%	3.9%	100.0%	
Upper Hutt Central/South	53.6%	12.4%	6.2%	11.1%	2.1%	7.1%	2.9%	0.9%	0.5%	3.1%	100.0%	
Upper Hutt North	62.4%	14.9%	6.6%	5.4%	4.0%	1.7%	1.3%	1.0%	0.5%	2.3%	100.0%	
Paraparaumu	56.6%	15.3%	6.4%	9.3%	1.9%	4.3%	2.2%	0.6%	0.6%	2.9%	100.0%	
Waikanae	57.7%	16.2%	4.6%	7.4%	2.5%	3.9%	2.0%	0.8%	0.5%	4.2%	100.0%	
North Kapiti	62.2%	12.7%	5.6%	3.4%	0.5%	6.5%	2.4%	1.1%	0.4%	5.3%	100.0%	
Wairapara	58.5%	11.9%	6.1%	4.1%	0.7%	7.1%	4.3%	2.7%	0.5%	4.2%	100.0%	
Total	50.0%	10.5%	6.4%	6.9%	8.7%	9.8%	2.3%	1.0%	1.1%	3.4%	100.0%	

Note: excludes did not work and worked at home

**Table 29 Workplace Sector Journey to Work Trips by Mode**

Journey to work trips by mode																			
Workplace Destination	Wellington CBD	Wellington East	Wellington North	Wellington South	Wellington West	Tawa	Porirua	Whitby-Pukerua Bay	Lower Hutt Central	Lower Hutt North	Eastern Bays/Wainuiomata	Upper Hutt Central/South	Upper Hutt North	Paraparaumu	Waikanae	North Kapiti	Wairapara	Unidentified	Total
Mode																			
Private Auto	18,954	3,429	3,768	4,839	2,082	1,494	4,098	1,266	13,473	2,925	978	4,689	246	2,916	708	828	5,862	13,962	86,517
Company Auto	3,138	612	933	735	228	333	618	267	3,174	675	180	687	81	588	150	138	975	4,575	18,090
Passenger	4,026	264	405	402	180	159	483	75	1,377	297	93	399	21	237	45	84	504	2,025	11,070
Train	8,508	30	177	156	126	78	216	72	537	126	12	210	6	66	6	9	60	1,473	11,868
Bus	9,198	477	213	687	342	66	303	33	1,017	165	66	162	12	81	18	9	87	2,139	15,072
Walk	7,806	567	369	1,152	654	135	312	114	1,053	303	168	594	30	315	90	141	783	2,334	16,932
Bicycle	1,218	195	69	162	75	27	57	18	480	93	30	264	12	147	33	51	465	645	4,038
Motorcycle	525	72	30	72	27	9	33	12	132	39	3	72	3	21	6	21	288	285	1,656
Other	735	81	39	63	30	21	51	18	126	24	21	36	3	18	3	3	42	528	1,848
Not Stated	462	117	105	150	63	24	135	36	255	90	45	93	12	75	33	27	189	3,894	5,805
Total	54,570	5,844	6,108	8,418	3,807	2,346	6,306	1,911	21,624	4,737	1,596	7,206	426	4,464	1,092	1,311	9,255	31,860	172,896

Note: excludes did not work and worked at home

**Table 30 Workplace Sector Journey to Work Mode Share**

Percentage of trips by mode																			
Workplace Destination	Wellington CBD	Wellington East	Wellington North	Wellington South	Wellington West	Tawa	Porirua	Whitby-Pukerua Bay	Lower Hutt Central	Lower Hutt North	Eastern Bays/Wainuiomata	Upper Hutt Central/South	Upper Hutt North	Paraparaumu	Waikanae	North Kapiti	Wairapara	Unidentified	Total
Mode																			
Private Auto	34.7%	58.7%	61.7%	57.5%	54.7%	63.7%	65.0%	66.2%	62.3%	61.7%	61.3%	65.1%	57.7%	65.3%	64.8%	63.2%	63.3%	43.8%	50.0%
Company Auto	5.8%	10.5%	15.3%	8.7%	6.0%	14.2%	9.8%	14.0%	14.7%	14.2%	11.3%	9.5%	19.0%	13.2%	13.7%	10.5%	10.5%	14.4%	10.5%
Passenger	7.4%	4.5%	6.6%	4.8%	4.7%	6.8%	7.7%	3.9%	6.4%	6.3%	5.8%	5.5%	4.9%	5.3%	4.1%	6.4%	5.4%	6.4%	6.4%
Train	15.6%	0.5%	2.9%	1.9%	3.3%	3.3%	3.4%	3.8%	2.5%	2.7%	0.8%	2.9%	1.4%	1.5%	0.5%	0.7%	0.6%	4.6%	6.9%
Bus	16.9%	8.2%	3.5%	8.2%	9.0%	2.8%	4.8%	1.7%	4.7%	3.5%	4.1%	2.2%	2.8%	1.8%	1.6%	0.7%	0.9%	6.7%	8.7%
Walk	14.3%	9.7%	6.0%	13.7%	17.2%	5.8%	4.9%	6.0%	4.9%	6.4%	10.5%	8.2%	7.0%	7.1%	8.2%	10.8%	8.5%	7.3%	9.8%
Bicycle	2.2%	3.3%	1.1%	1.9%	2.0%	1.2%	0.9%	0.9%	2.2%	2.0%	1.9%	3.7%	2.8%	3.3%	3.0%	3.9%	5.0%	2.0%	2.3%
Motorcycle	1.0%	1.2%	0.5%	0.9%	0.7%	0.4%	0.5%	0.6%	0.6%	0.8%	0.2%	1.0%	0.7%	0.5%	0.5%	1.6%	3.1%	0.9%	1.0%
Other	1.3%	1.4%	0.6%	0.7%	0.8%	0.9%	0.8%	0.9%	0.6%	0.5%	1.3%	0.5%	0.7%	0.4%	0.3%	0.2%	0.5%	1.7%	1.1%
Not Stated	0.8%	2.0%	1.7%	1.8%	1.7%	1.0%	2.1%	1.9%	1.2%	1.9%	2.8%	1.3%	2.8%	1.7%	3.0%	2.1%	2.0%	12.2%	3.4%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Note: excludes did not work and worked at home

**Table 31 Residence Sector Ranked by Mode**

<b>Private Auto</b>	
Wellington North	9690
Lower Hutt Central	8022
Lower Hutt North	7578
Wairapara	7533
Wellington South	7059
Wellington East	6579
Wellington West	6330
Upper Hutt Central/South	5460
Eastern Bays/Wainuiomata	4881
Whitby-Pakerua Bay	4713
Paraparaumu	4650
Porirua	4461
Tawa	2784
Upper Hutt North	2700
Waikanae	1644
North Kapiti	1545
Wellington CBD	882
Total	86517
<b>Company Auto</b>	
Lower Hutt Central	1914
Wellington North	1809
Lower Hutt North	1749
Wairapara	1527
Whitby-Pakerua Bay	1314
Upper Hutt Central/South	1263
Paraparaumu	1257
Wellington East	1245
Wellington South	1224
Eastern Bays/Wainuiomata	999
Wellington West	939
Porirua	681
Upper Hutt North	645
Tawa	558
Waikanae	462
North Kapiti	315
Wellington CBD	195
Total	18090
<b>Passenger</b>	
Wellington North	1368
Wellington South	1056
Porirua	978
Lower Hutt North	972
Lower Hutt Central	969
Wellington West	933
Wellington East	807
Wairapara	792
Upper Hutt Central/South	636
Eastern Bays/Wainuiomata	618
Paraparaumu	522
Whitby-Pakerua Bay	432
Tawa	306
Upper Hutt North	285
North Kapiti	138
Waikanae	132
Wellington CBD	123
Total	11070

## Residence Sector Ranked by Mode

<b>Train</b>	
Lower Hutt Central	2334
Lower Hutt North	1422
Tawa	1287
Whitby-Pakerua Bay	1242
Wellington North	1137
Upper Hutt Central/South	1134
Porirua	789
Paraparaumu	765
Wairapara	528
Eastern Bays/Wainuiomata	360
Upper Hutt North	234
Waikanae	210
Wellington West	171
North Kapiti	84
Wellington South	78
Wellington CBD	69
Wellington East	27
Total	11868
<b>Bus</b>	
Wellington South	3780
Wellington East	3072
Wellington West	2463
Wellington North	1965
Eastern Bays/Wainuiomata	708
Lower Hutt Central	663
Lower Hutt North	633
Porirua	594
Wellington CBD	312
Upper Hutt Central/South	216
Upper Hutt North	171
Paraparaumu	153
Whitby-Pakerua Bay	99
Wairapara	93
Waikanae	72
Tawa	63
North Kapiti	12
Total	15072
<b>Walk</b>	
Wellington South	4005
Wellington CBD	3333
Wellington West	3012
Wellington East	1146
Lower Hutt Central	1110
Wairapara	915
Upper Hutt Central/South	723
Wellington North	552
Lower Hutt North	438
Porirua	417
Paraparaumu	351
Eastern Bays/Wainuiomata	231
Tawa	195
North Kapiti	162
Whitby-Pakerua Bay	156
Waikanae	111
Upper Hutt North	72
Total	16932

## Residence Sector Ranked by Mode

<b>Bicycle</b>	
Wellington South	594
Wairapara	549
Wellington East	495
Lower Hutt Central	432
Wellington West	402
Wellington North	303
Upper Hutt Central/South	297
Lower Hutt North	252
Paraparaumu	180
Eastern Bays/Wainuiomata	105
Wellington CBD	87
Porirua	66
North Kapiti	60
Waikanae	57
Upper Hutt North	57
Whitby-Pakerua Bay	54
Tawa	45
Total	4038
<b>Motorcycle</b>	
Wairapara	342
Wellington North	183
Wellington South	171
Wellington West	156
Wellington East	132
Lower Hutt North	120
Lower Hutt Central	111
Upper Hutt Central/South	90
Eastern Bays/Wainuiomata	54
Paraparaumu	51
Porirua	48
Whitby-Pakerua Bay	48
Upper Hutt North	45
Tawa	30
North Kapiti	27
Waikanae	24
Wellington CBD	21
Total	1656
<b>Other</b>	
Wellington South	282
Wellington West	258
Wellington East	183
Wellington North	168
Eastern Bays/Wainuiomata	144
Lower Hutt Central	129
Wellington CBD	126
Porirua	114
Lower Hutt North	96
Whitby-Pakerua Bay	90
Wairapara	63
Upper Hutt Central/South	54
Tawa	51
Paraparaumu	48
Upper Hutt North	21
Waikanae	15
North Kapiti	9
Total	1848

## Residence Sector Ranked by Mode

<b>Not Stated</b>	
Porirua	630
Lower Hutt North	609
Wellington South	597
Wairapara	540
Lower Hutt Central	477
Wellington East	453
Wellington North	363
Wellington West	354
Eastern Bays/Wainuiomata	330
Upper Hutt Central/South	315
Wellington CBD	273
Paraparaumu	237
Whitby-Pakerua Bay	168
North Kapiti	132
Waikanae	120
Tawa	111
Upper Hutt North	99
<b>Total</b>	<b>5805</b>
<b>Total</b>	
Wellington South	18846
Wellington North	17538
Lower Hutt Central	16161
Wellington West	15018
Wellington East	14139
Lower Hutt North	13869
Wairapara	12882
Upper Hutt Central/South	10188
Porirua	8778
Eastern Bays/Wainuiomata	8430
Whitby-Pakerua Bay	8316
Paraparaumu	8214
Tawa	5430
Wellington CBD	5421
Upper Hutt North	4329
Waikanae	2847
North Kapiti	2484
<b>Total</b>	<b>172896</b>

Note: excludes did not work and worked at home on census day



**Table 32 Workplace Sector Ranked by Mode**

<b>Private Auto</b>	
Wellington CBD	18954
Lower Hutt Central	13473
Wairapara	5862
Wellington South	4839
Upper Hutt Central/South	4689
Porirua	4098
Wellington North	3768
Wellington East	3429
Lower Hutt North	2925
Paraparaumu	2916
Wellington West	2082
Tawa	1494
Whitby-Pakerua Bay	1266
Eastern Bays/Wainuiomata	978
North Kapiti	828
Waikanae	708
Upper Hutt North	246
Total	72555
<b>Company Auto</b>	
Lower Hutt Central	3174
Wellington CBD	3138
Wairapara	975
Wellington North	933
Wellington South	735
Upper Hutt Central/South	687
Lower Hutt North	675
Porirua	618
Wellington East	612
Paraparaumu	588
Tawa	333
Whitby-Pakerua Bay	267
Wellington West	228
Eastern Bays/Wainuiomata	180
Waikanae	150
North Kapiti	138
Upper Hutt North	81
Total	13512
<b>Passenger</b>	
Wellington CBD	4026
Lower Hutt Central	1377
Wairapara	504
Porirua	483
Wellington North	405
Wellington South	402
Upper Hutt Central/South	399
Lower Hutt North	297
Wellington East	264
Paraparaumu	237
Wellington West	180
Tawa	159
Eastern Bays/Wainuiomata	93
North Kapiti	84
Whitby-Pakerua Bay	75
Waikanae	45
Upper Hutt North	21
Total	9051

## Workplace Sector Ranked by Mode

<b>Train</b>	
Wellington CBD	8508
Lower Hutt Central	537
Porirua	216
Upper Hutt Central/South	210
Wellington North	177
Wellington South	156
Lower Hutt North	126
Wellington West	126
Tawa	78
Whitby-Pakerua Bay	72
Paraparaumu	66
Wairapara	60
Wellington East	30
Eastern Bays/Wainuiomata	12
North Kapiti	9
Waikanae	6
Upper Hutt North	6
Total	10395
<b>Bus</b>	
Wellington CBD	9198
Lower Hutt Central	1017
Wellington South	687
Wellington East	477
Wellington West	342
Porirua	303
Wellington North	213
Lower Hutt North	165
Upper Hutt Central/South	162
Wairapara	87
Paraparaumu	81
Tawa	66
Eastern Bays/Wainuiomata	66
Whitby-Pakerua Bay	33
Waikanae	18
Upper Hutt North	12
North Kapiti	9
Total	12936
<b>Walk</b>	
Wellington CBD	7806
Wellington South	1152
Lower Hutt Central	1053
Wairapara	783
Wellington West	654
Upper Hutt Central/South	594
Wellington East	567
Wellington North	369
Paraparaumu	315
Porirua	312
Lower Hutt North	303
Eastern Bays/Wainuiomata	168
North Kapiti	141
Tawa	135
Whitby-Pakerua Bay	114
Waikanae	90
Upper Hutt North	30
Total	14586

## Workplace Sector Ranked by Mode

<b>Bicycle</b>	
Wellington CBD	1218
Lower Hutt Central	480
Wairapara	465
Upper Hutt Central/South	264
Wellington East	195
Wellington South	162
Paraparaumu	147
Lower Hutt North	93
Wellington West	75
Wellington North	69
Porirua	57
North Kapiti	51
Waikanae	33
Eastern Bays/Wainuiomata	30
Tawa	27
Whitby-Pakerua Bay	18
Upper Hutt North	12
Total	3396
<b>Motorcycle</b>	
Wellington CBD	525
Wairapara	288
Lower Hutt Central	132
Upper Hutt Central/South	72
Wellington East	72
Wellington South	72
Lower Hutt North	39
Porirua	33
Wellington North	30
Wellington West	27
Paraparaumu	21
North Kapiti	21
Whitby-Pakerua Bay	12
Tawa	9
Waikanae	6
Eastern Bays/Wainuiomata	3
Upper Hutt North	3
Total	1365
<b>Other</b>	
Wellington CBD	735
Lower Hutt Central	126
Wellington East	81
Wellington South	63
Porirua	51
Wairapara	42
Wellington North	39
Upper Hutt Central/South	36
Wellington West	30
Lower Hutt North	24
Tawa	21
Eastern Bays/Wainuiomata	21
Paraparaumu	18
Whitby-Pakerua Bay	18
North Kapiti	3
Waikanae	3
Upper Hutt North	3
Total	1314

## Workplace Sector Ranked by Mode

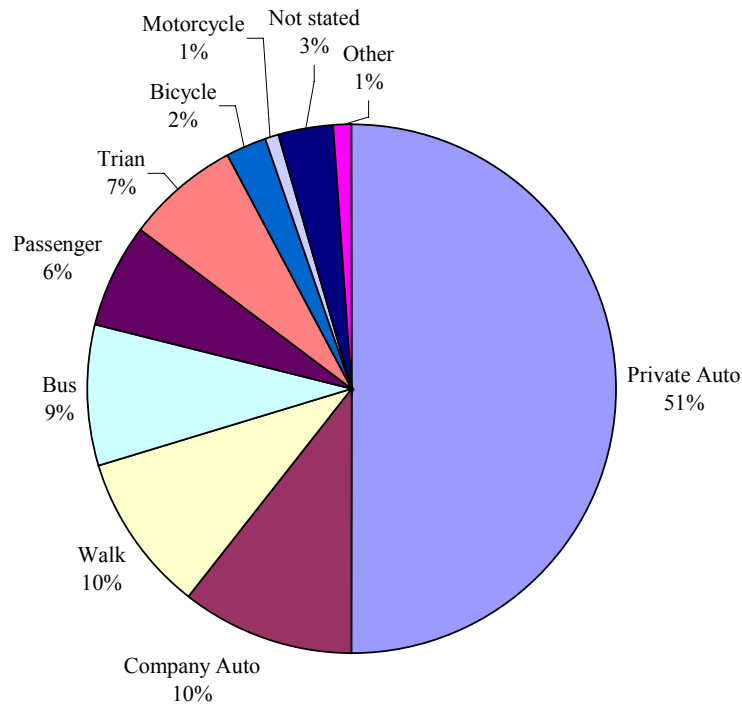
<b>Not Stated</b>	
Wellington CBD	462
Lower Hutt Central	255
Wairapara	189
Wellington South	150
Porirua	135
Wellington East	117
Wellington North	105
Upper Hutt Central/South	93
Lower Hutt North	90
Paraparaumu	75
Wellington West	63
Eastern Bays/Wainuiomata	45
Whitby-Pakerua Bay	36
Waikanae	33
North Kapiti	27
Tawa	24
Upper Hutt North	12
Total	1911
<b>Total</b>	
Wellington CBD	54570
Lower Hutt Central	21624
Wairapara	9255
Wellington South	8418
Upper Hutt Central/South	7206
Porirua	6306
Wellington North	6108
Wellington East	5844
Lower Hutt North	4737
Paraparaumu	4464
Wellington West	3807
Tawa	2346
Whitby-Pakerua Bay	1911
Eastern Bays/Wainuiomata	1596
North Kapiti	1311
Waikanae	1092
Upper Hutt North	426
Total	141021

Note: excludes did not work and worked at home on census day

**Table 33 Self Sufficiency – Workin Home sector**

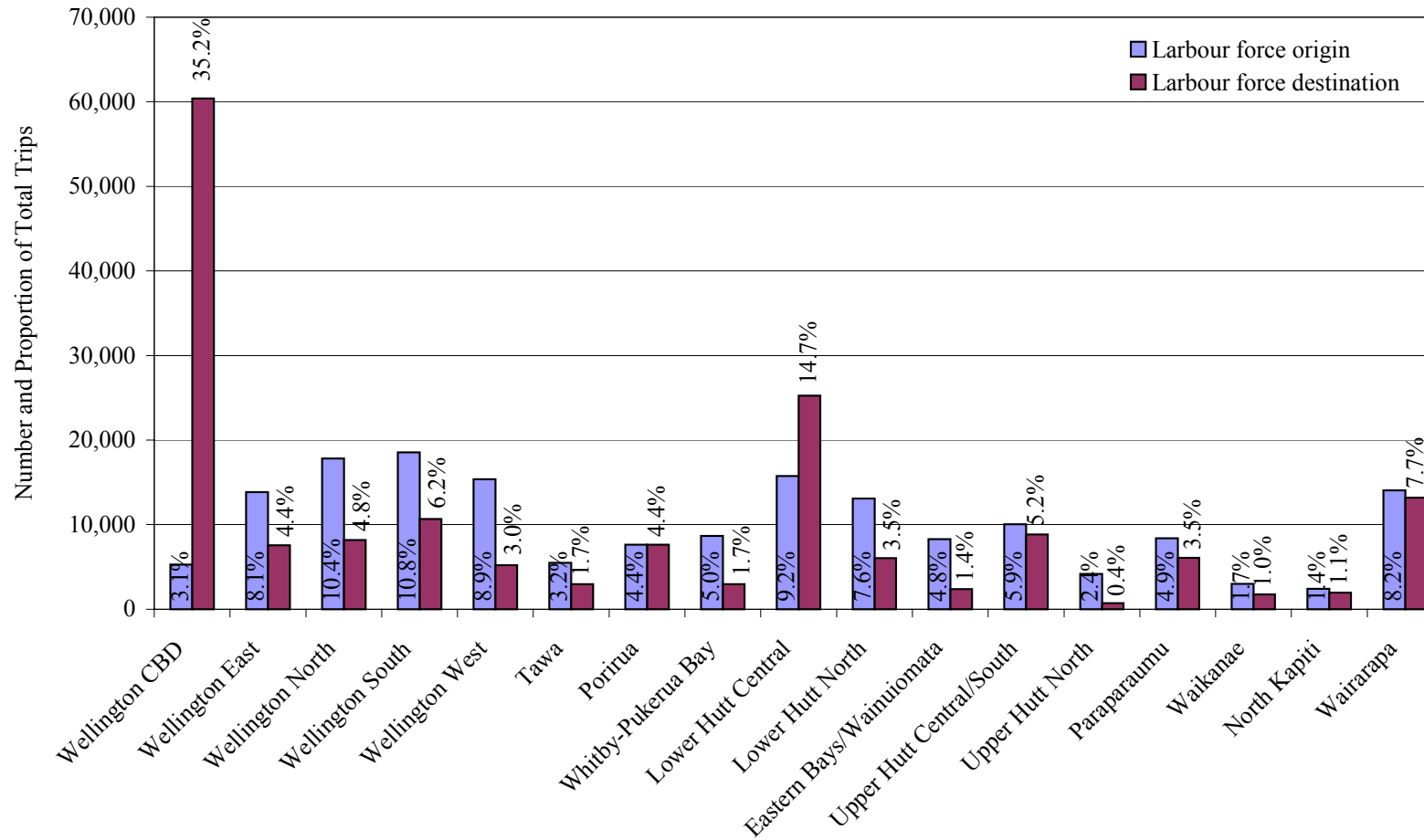
Residence	Trips in Home Sector	Total	% in Home Sector
Wellington CBD	4,215	6,291	67.0%
Wellington East	4,080	16,731	24.4%
Wellington North	4,239	20,811	20.4%
Wellington South	4,539	22,263	20.4%
Wellington West	2,949	17,865	16.5%
Tawa	1,179	6,552	18.0%
Porirua	3,252	10,308	31.5%
Whitby-Pukerua Bay	2,022	10,224	19.8%
Lower Hutt Central	8,163	19,065	42.8%
Lower Hutt North	3,078	16,344	18.8%
Eastern Bays/Wainuiomata	1,839	10,077	18.2%
Upper Hutt Central/South	4,791	12,237	39.2%
Upper Hutt North	483	5,082	9.5%
Paraparaumu	4,632	10,368	44.7%
Waikanae	1,236	3,801	32.5%
North Kapiti	1,626	3,312	49.1%
Wairapara	12,801	17,475	73.3%
Note: includes all the mode			

## **Appendix B Figures of 2001 Census Journey to Work**



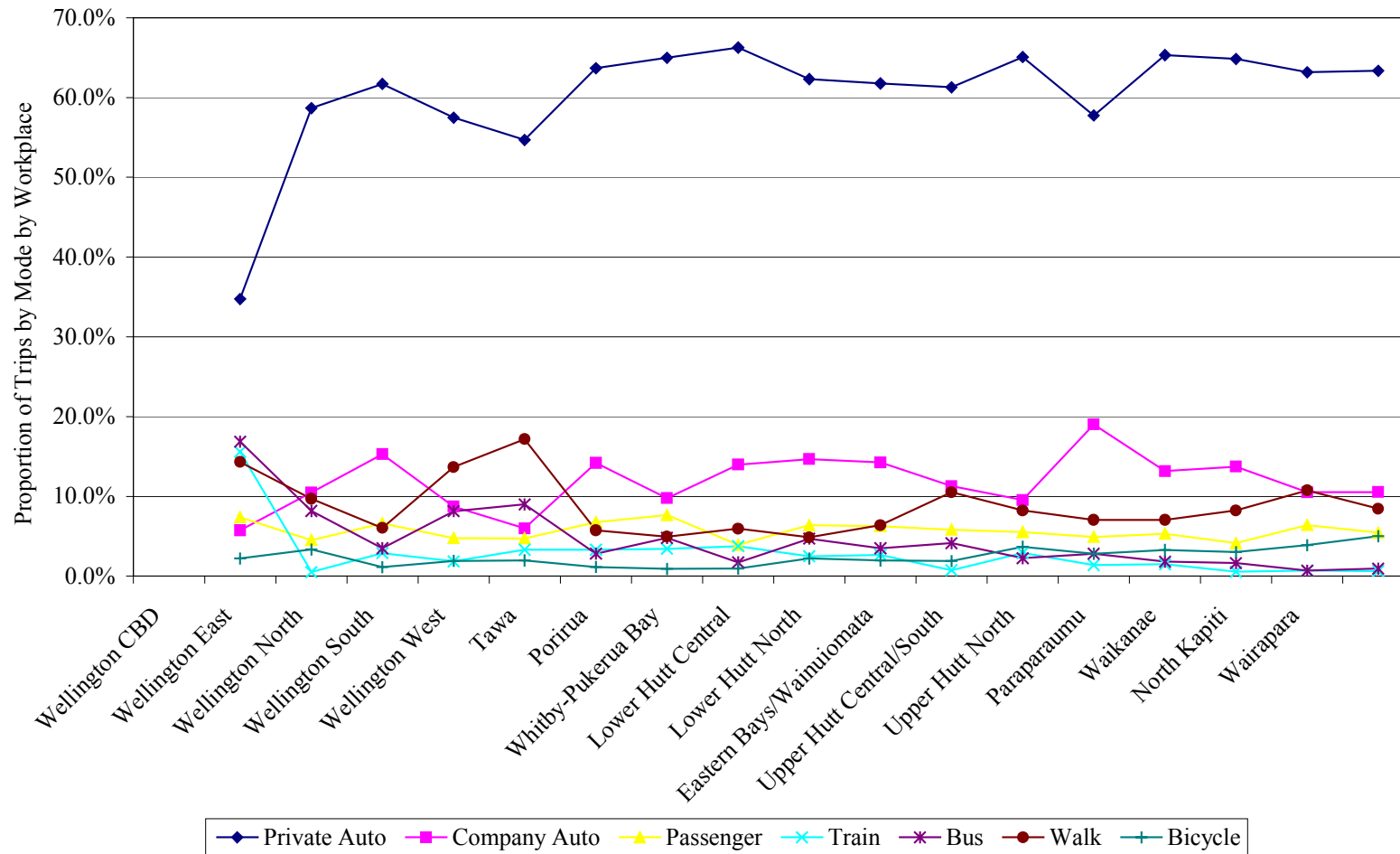
**Figure 1 Journey to Work by Mode (How did we get to work?)**

The 2001 Census information for journey to work showed that 61% of people drove vehicles to work with only 6% travelling as passengers. Bus passengers made up 9% of those travelling to work, and train 7%. Ten percent walked and 2% rode a bicycle. It should be noted that Wellington offers a higher level of public transport services, totalling 16%.

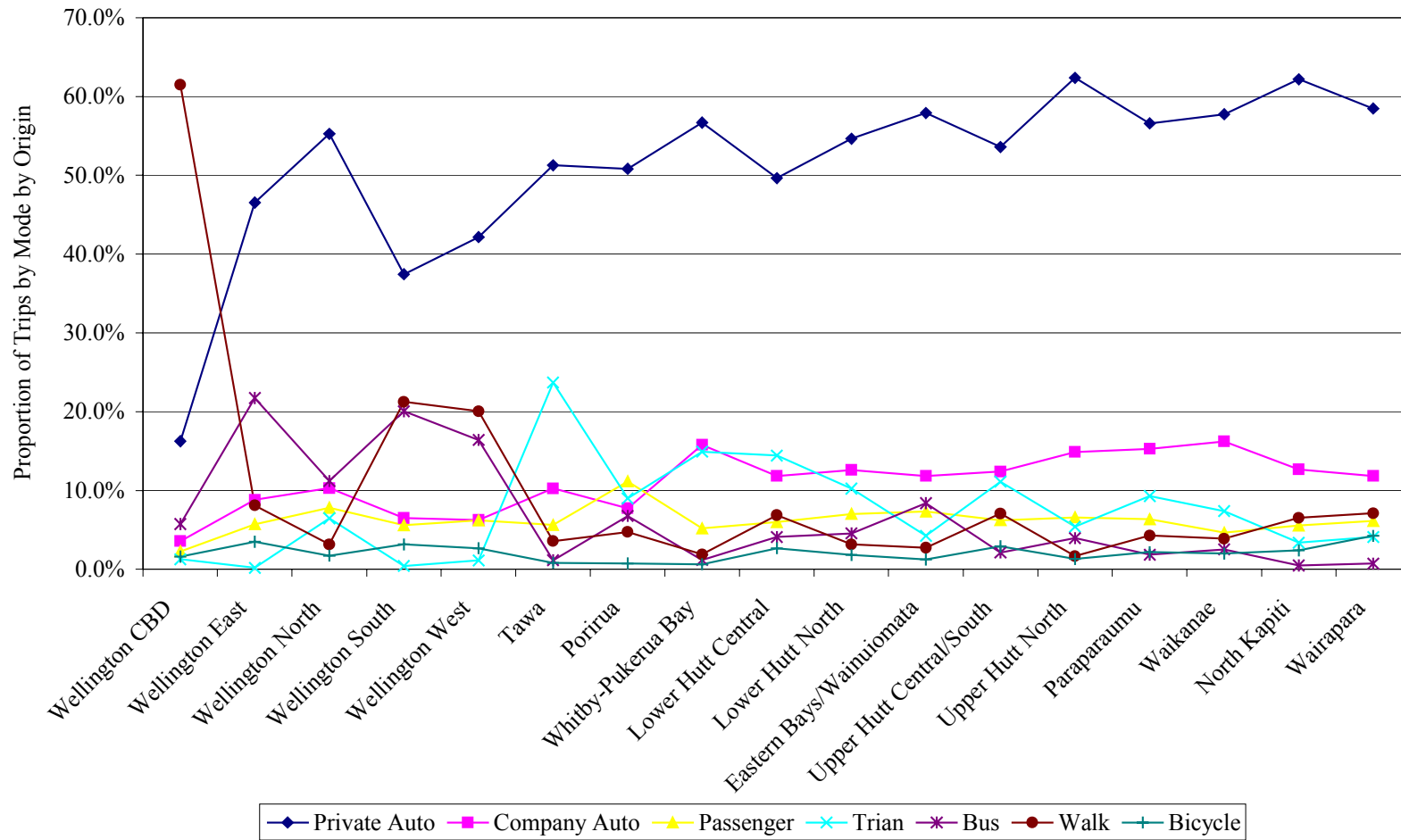


**Figure 2 Number and Proportion of Total Trips (Where do the workers live and work?)**





**Figure 3 Proportion of Trips by Mode and by Destination**



**Figure 4 Proportion of Trips by Mode and by Origin**

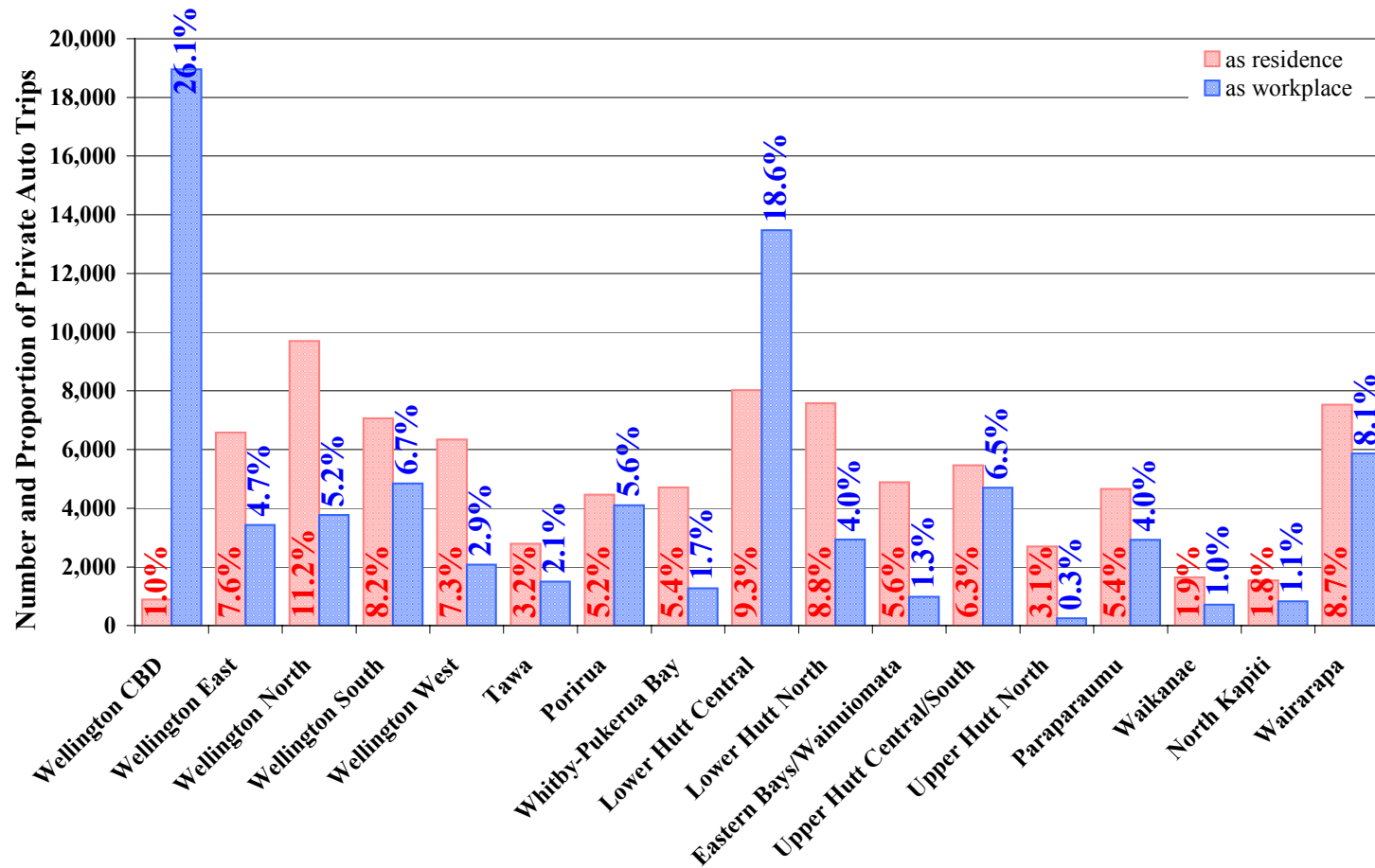


Figure 5 Number and Proportion of Trips using Private Vehicles

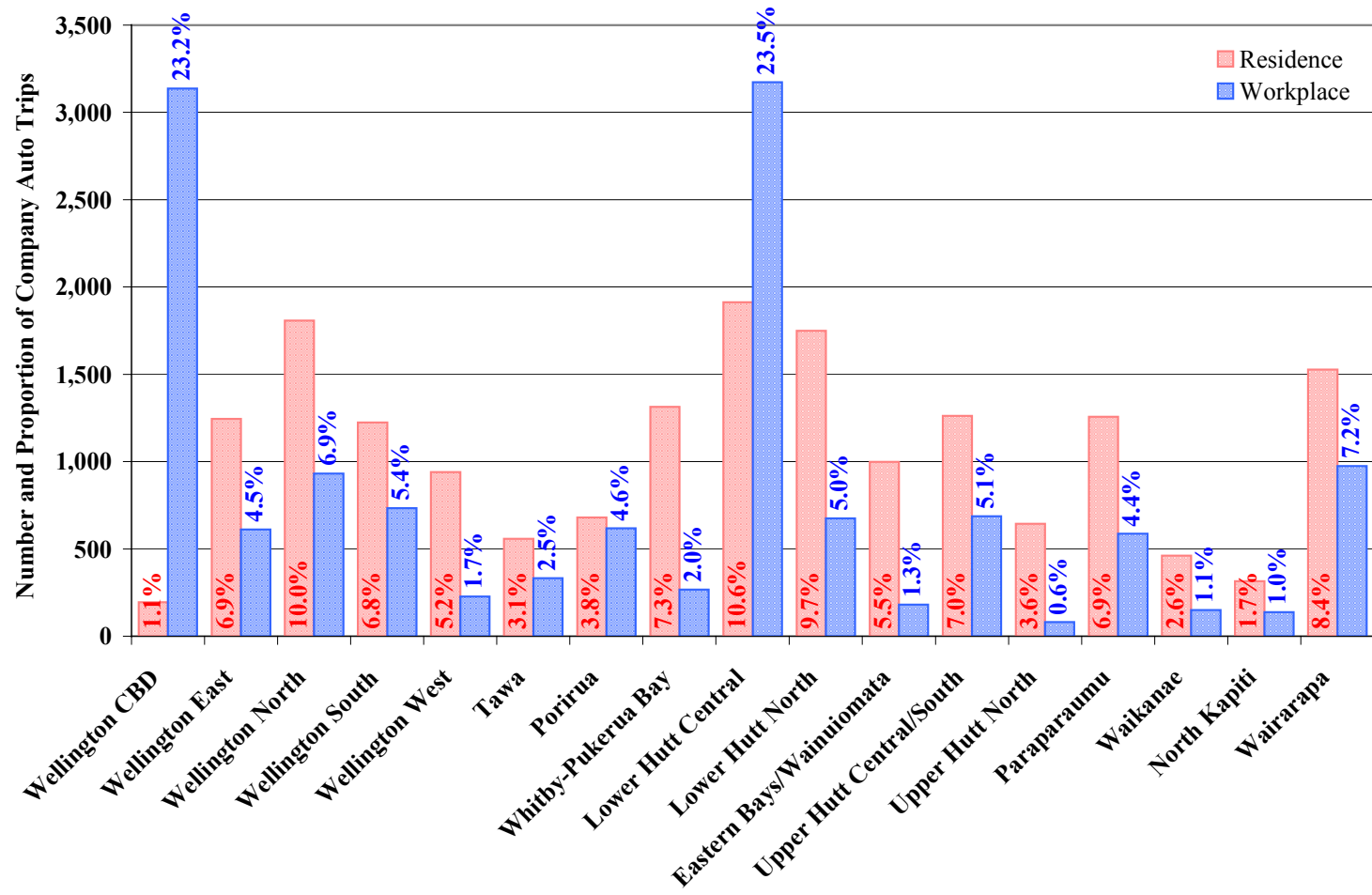


Figure 6 Number and Proportion of Trips using Company Vehicles

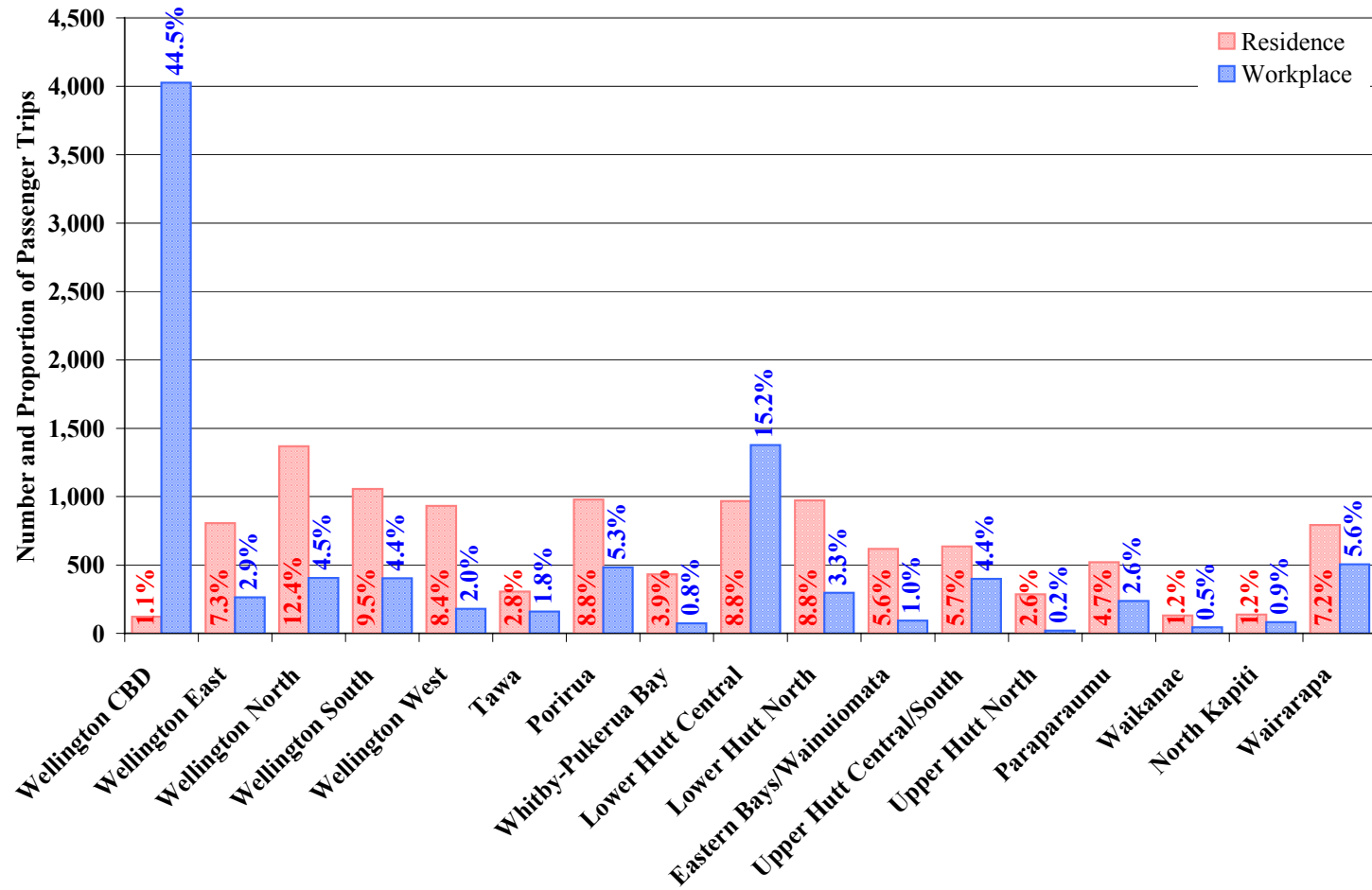


Figure 7 Number and Proportion of Trips as Vehicle Passenger

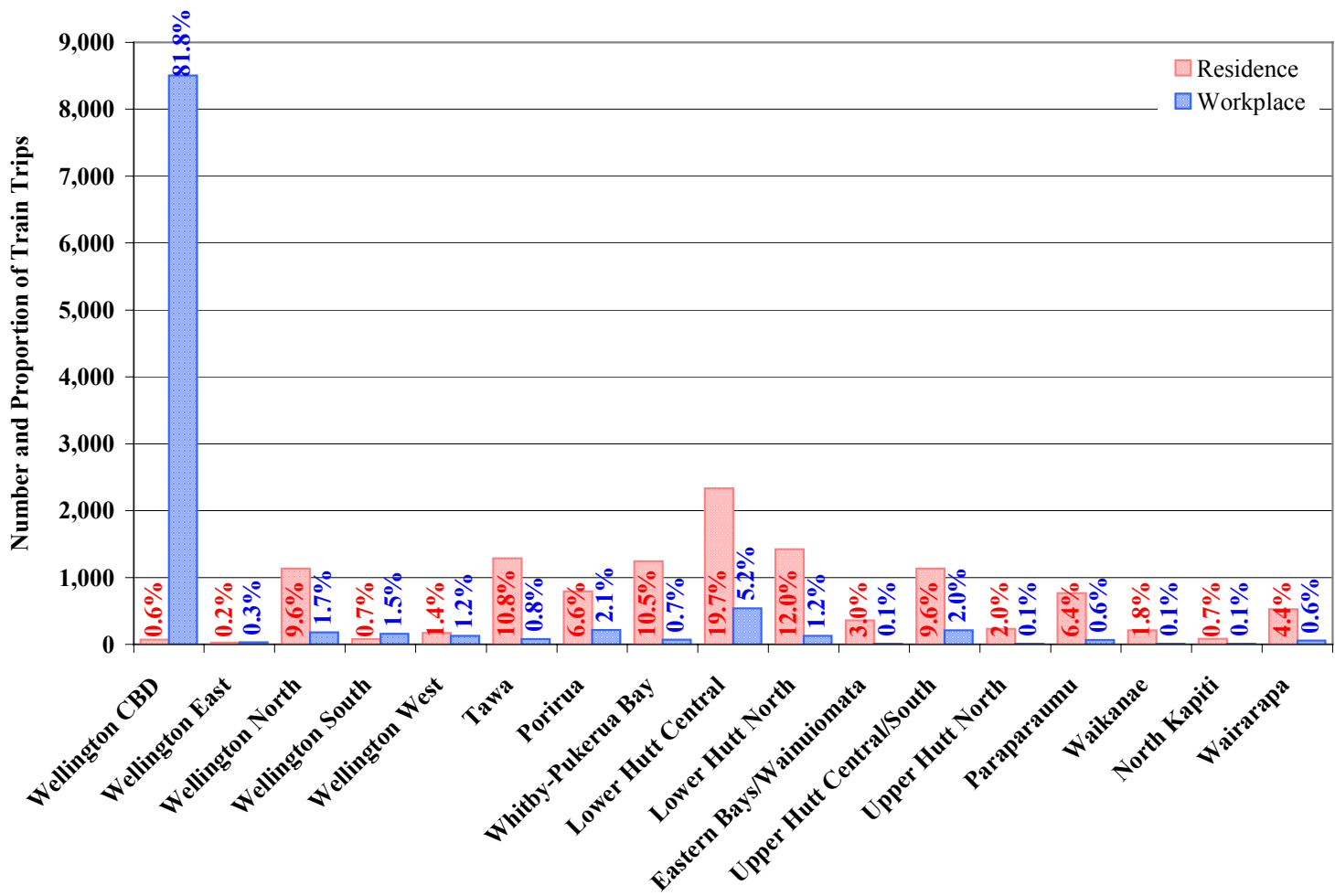


Figure 8 Number and Proportion of Trips using Train

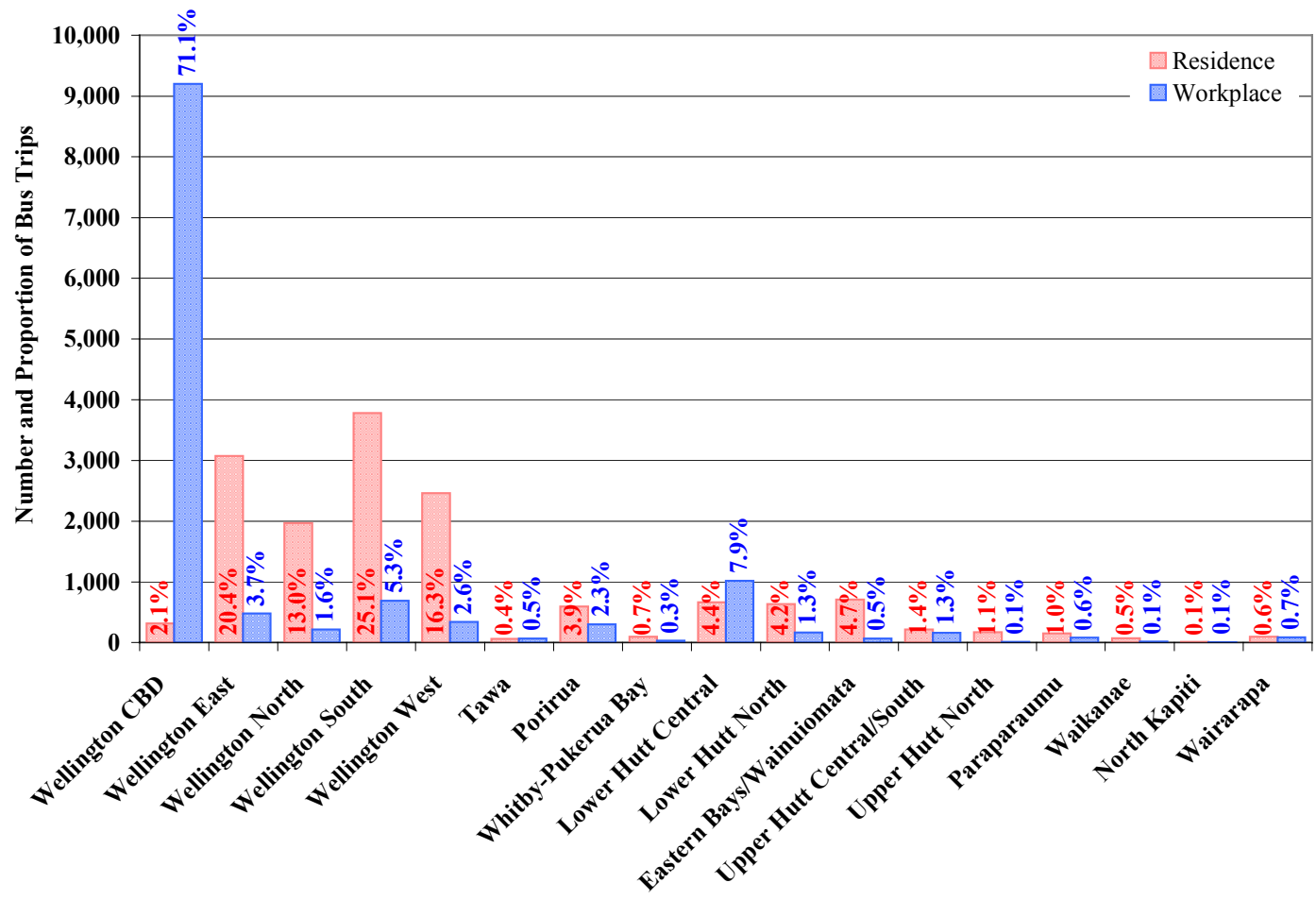


Figure 9 Number and Proportion of Trips using Public Bus

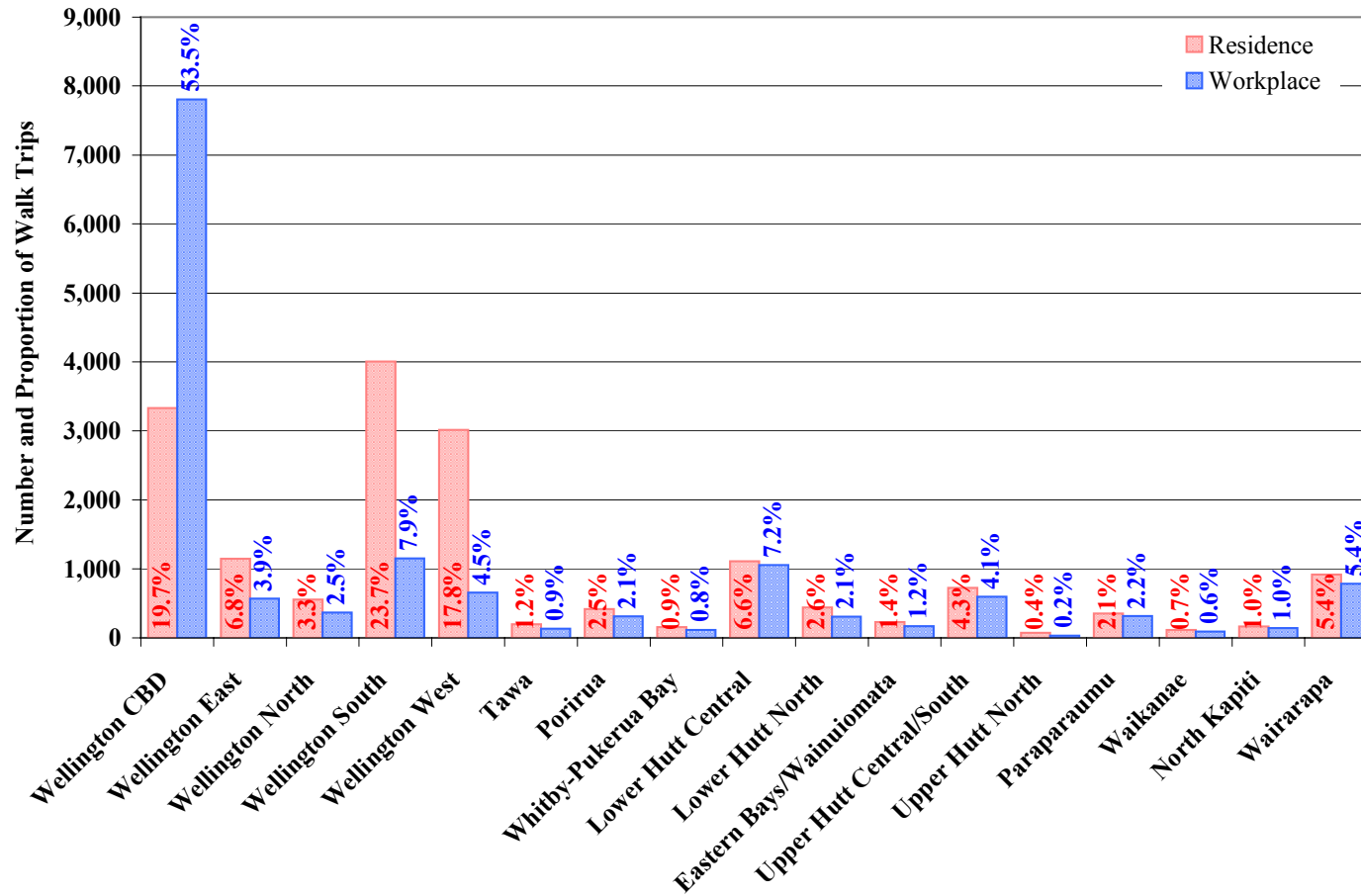


Figure 10 Number and Proportion of Walk Trips



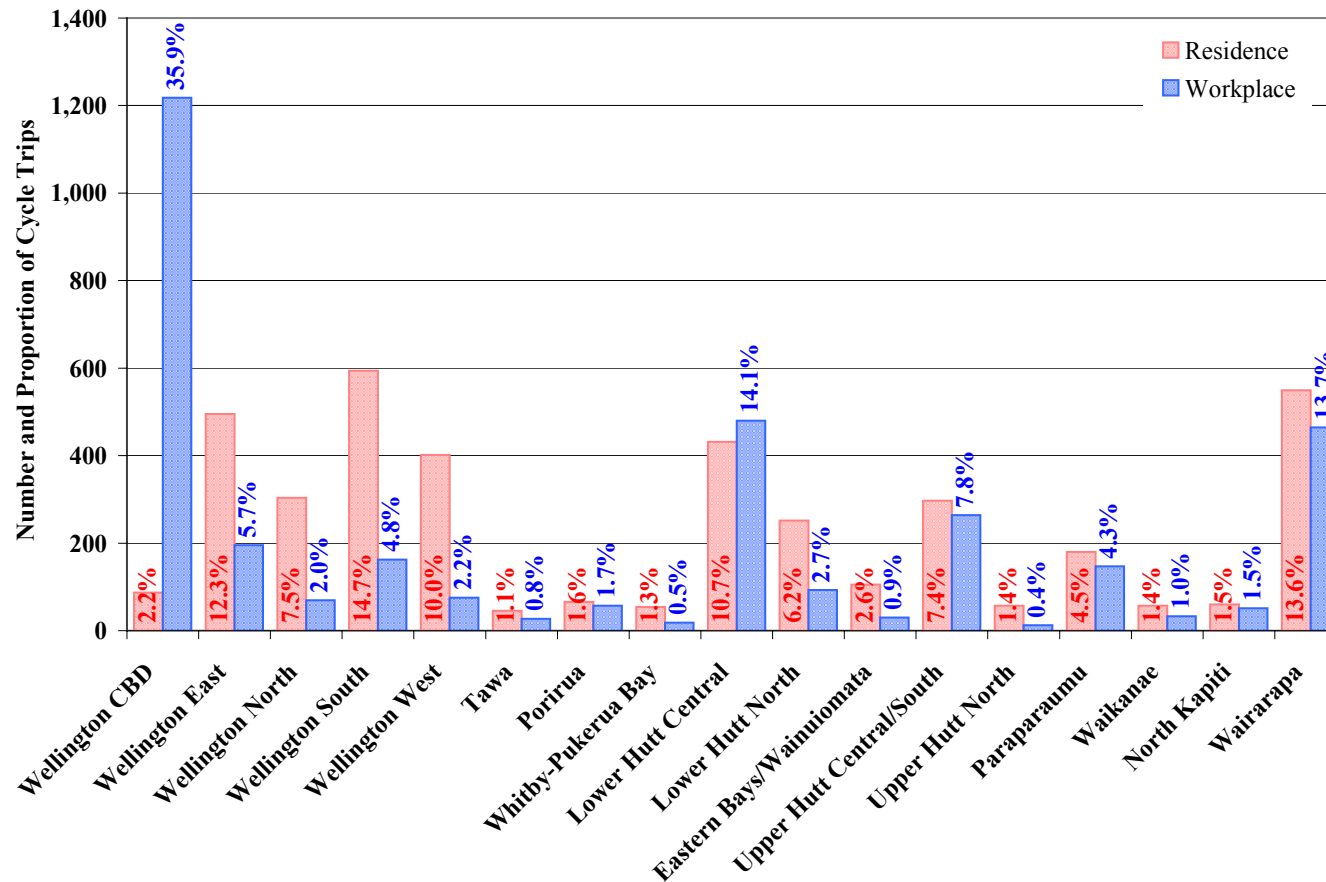


Figure 11 Number and Proportion of Cycle Trips

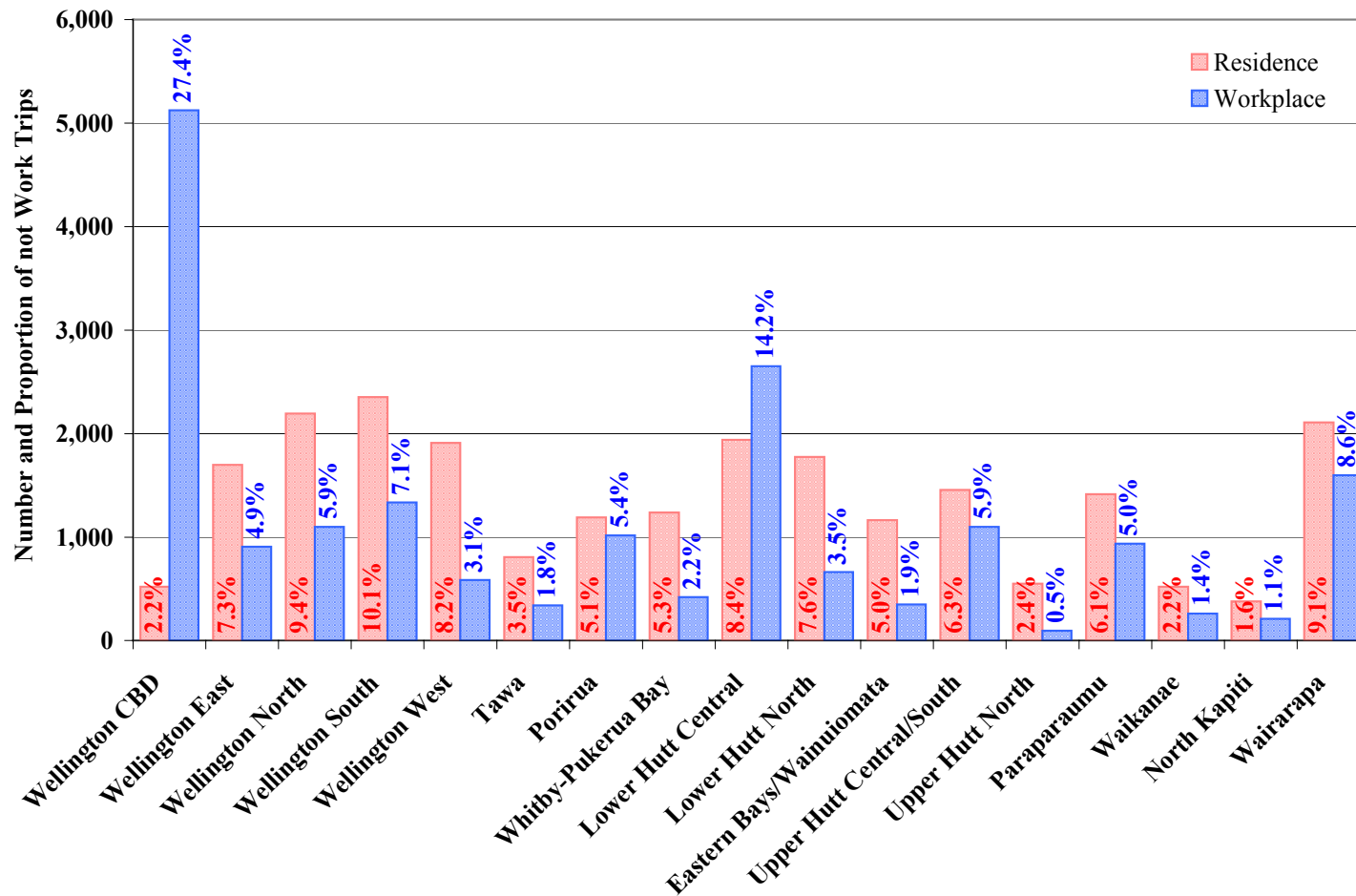


Figure 12 Number and Proportion of Trips (Did Not Go to Work on Census Day)

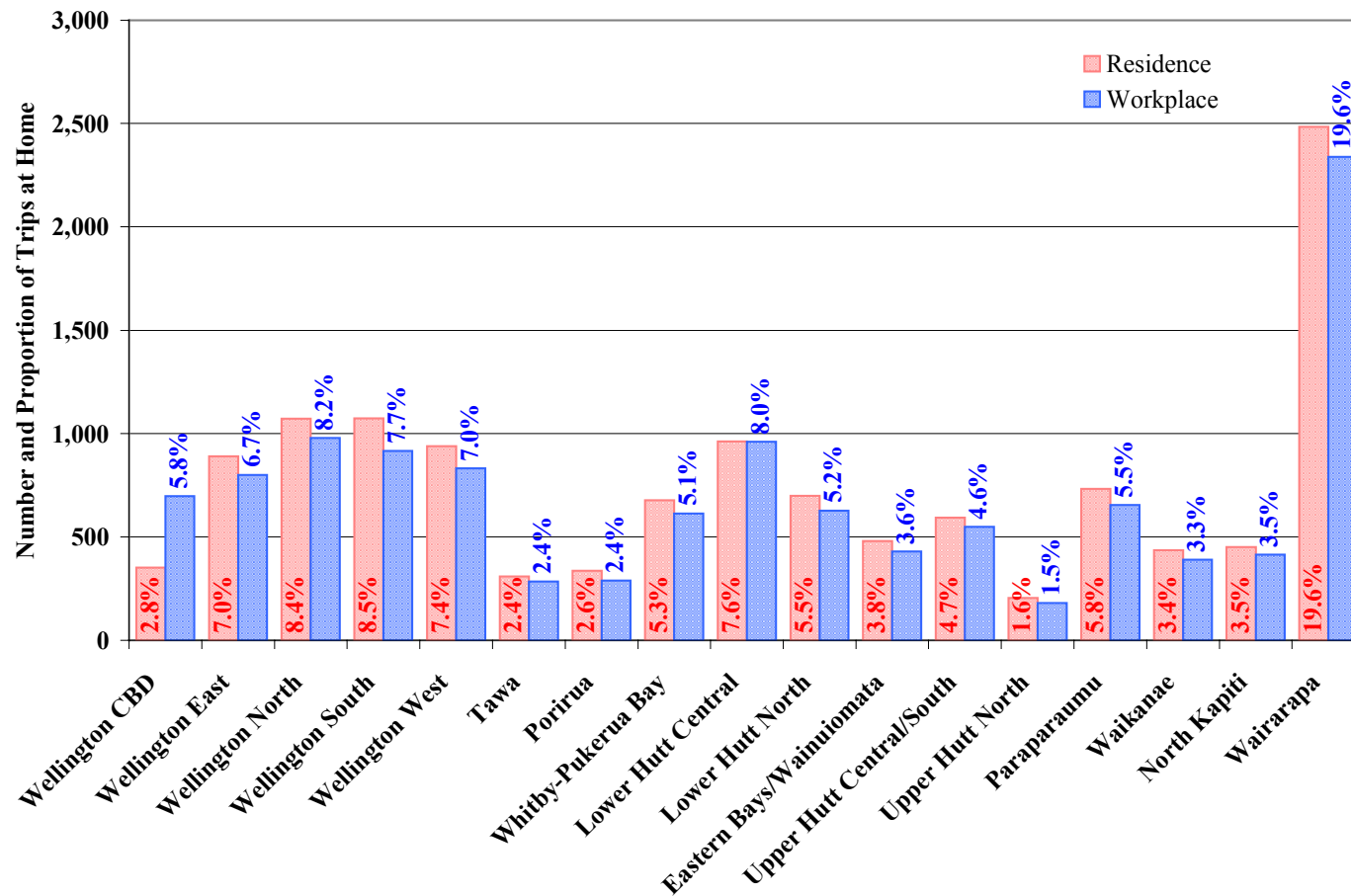
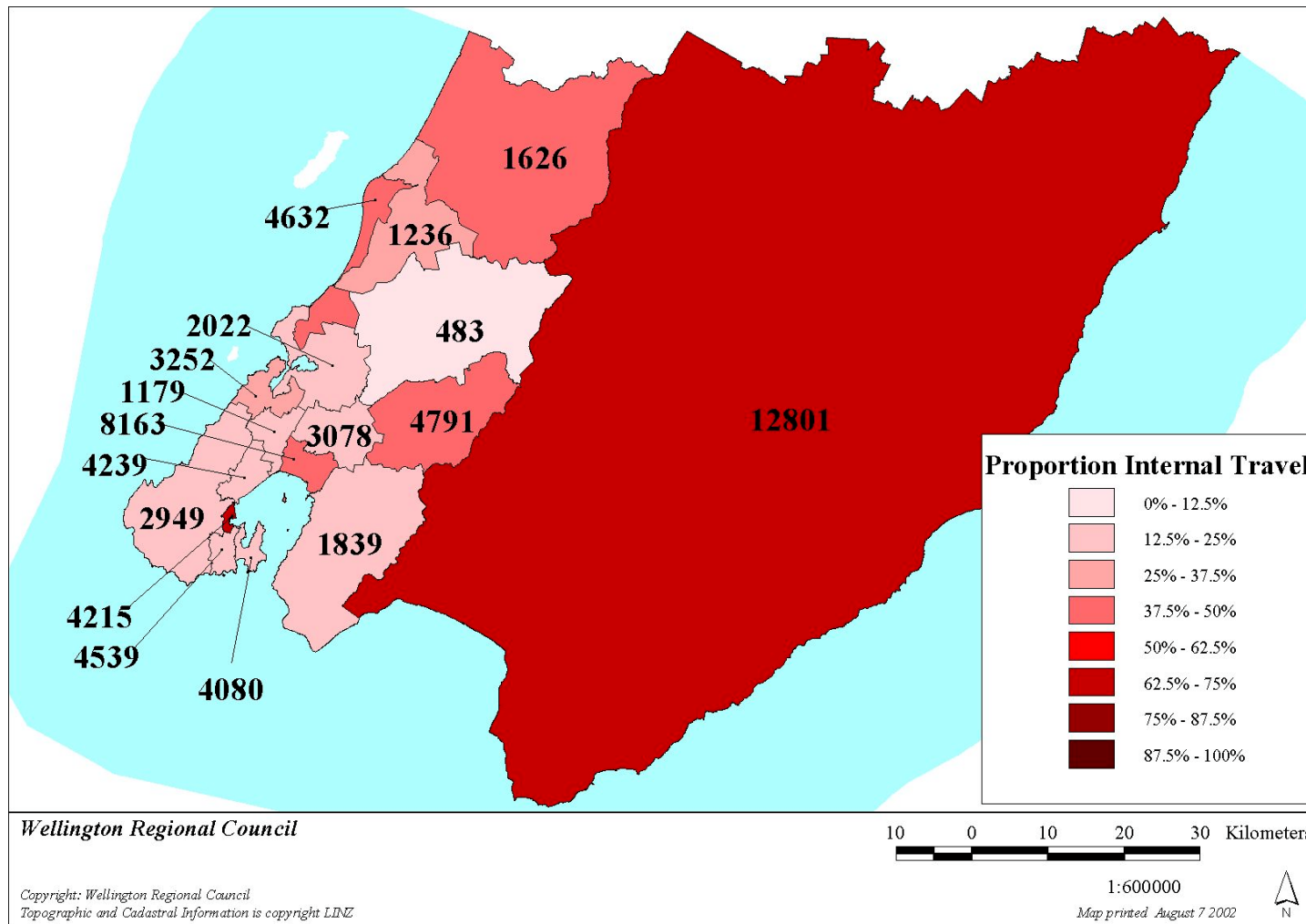


Figure 13 Number and Proportion of Trips Worked at Home



**Figure 14 Self Sufficiency – Work in Home Sector**

**Appendix C Output of Comparison between Census 2001  
and 1996 Journey to Work**

**Table 34 Comparison of Origin-Destination Matrix by Total Trips**

**Mode of Travel:** Total

<i>Number of Trips from Origin to Destination by Mode and Motor Vehicle Availability</i>	<b>Workplace Destination</b>																			
<b>Usual Residence Origin</b>	Wellington CBD	Wellington East	Wellington North	Wellington South	Wellington West	Tawa	Porirua	Whitby-Pukerua Bay	Lower Hutt Central	Lower Hutt North	Eastern Bays/Wainuiomata	Upper Hutt Central/South	Upper Hutt North	Paraparaumu	Waikanae	North Kapiti	Wairapara	Unidentified	Total	
Wellington CBD	1182	51	36	72	30	9	15	12	57	9	0	3		12	0	3	0	333	1824	
Wellington East	-231	255	9	-90	-9	6	-33	-3	30	-6	3	-36	0	-3	3	-9	-12	147	33	
Wellington North	144	63	423	6	-66	15	48	21	72	-27	-6	24	0	0	-3	-12	-3	126	825	
Wellington South	858	240	81	168	0	24	-33	-3	102	-36	-3	27	-3	-15	9	0	12	198	1626	
Wellington West	6	75	12	-33	-72	12	-30	0	81	-3	-3	-9	0	3	-6	9	-6	183	219	
Tawa	-24	3	39	27	9	36	-27	39	33	-15	3	18	3	12	-6	3	3	114	276	
Porirua	195	51	264	120	15	66	-60	54	141	9	0	33	-3	36	6	-3	6	189	1119	
Whitby-Pukerua Bay	66	33	24	6	21	33	-12	384	-6	-15	-84	39	6	45	0	9	3	21	582	
Lower Hutt Central	804	24	90	27	57	36	21	21	504	-12	-33	72	0	3	6	-6	3	837	2463	
Lower Hutt North	-507	-18	48	-30	-24	30	39	-9	-930	117	-39	18	3	0	-3	0	3	231	-1068	
Eastern Bays/Wainuiomata	60	-9	81	-24	6	18	3	6	21	-30	-45	24	0	3	6	6	-6	48	162	
Upper Hutt Central/South	348	18	90	21	18	9	39	24	252	9	3	405	24	3	-6	0	9	264	1521	
Upper Hutt North	-246	-6	21	-21	9	-6	-3	0	-207	-54	-9	-654	21	-9	3	3	9	-183	-1338	
Paraparaumu	246	18	30	-15	6	9	33	21	129	9	3	54	3	588	21	30	6	135	1332	
Waikanae	180	9	18	12	3	18	-3	9	30	-3	3	0	0	171	135	33	-3	114	726	
North Kapiti	87	3	9	15	0	9	-3	0	12	3	0	6		102	45	12	3	81	399	
Wairapara	213	12	3	21	9	6	6	0	108	0	3	27	3	0		3	348	324	1074	
<b>Total</b>	<b>3372</b>	<b>813</b>	<b>1272</b>	<b>279</b>	<b>21</b>	<b>333</b>	<b>9</b>	<b>576</b>	<b>426</b>	<b>-42</b>	<b>-207</b>	<b>66</b>	<b>66</b>	<b>960</b>	<b>216</b>	<b>72</b>	<b>363</b>	<b>3177</b>	<b>11775</b>	

**Table 35 Comparison of Origin-Destination Matrix by Private Auto**

**Mode of Travel:** Drove a Private Car, Truck or Van

<i>Number of Trips from Origin to Destination by Mode and Motor Vehicle Availability</i>	<b>Workplace Destination</b>																		
<b>Usual Residence Origin</b>	Wellington CBD	Wellington East	Wellington North	Wellington South	Wellington West	Tawa	Porirua	Whitby-Pukerua Bay	Lower Hutt Central	Lower Hutt North	Eastern Bays/Wainuiomata	Upper Hutt Central/South	Upper Hutt North	Paraparaumu	Waikanae	North Kapiti	Wairapara	Unidentified	Total
Wellington CBD	6	18	9	24	9	0	0	3	33	0	0	0	0	6	-3	0		24	147
Wellington East	-183	18	12	-66	6	12	-21	3	36	-12	3	-6	-3	-3	0	0	-3	108	-105
Wellington North	33	54	129	24	-27	0	27	21	57	-9	-15	27	3	6	0	-12	-3	120	438
Wellington South	-93	117	24	-96	-15	15	-30	3	63	-3	-6	30		-6	3	3	9	66	78
Wellington West	-354	72	12	-6	-24	6	-15	-6	36	6	-3	0	0	3	0	3	-3	66	-213
Tawa	15	9	42	24	3	-12	-12	18	18	-3	0	12		6	-6		3	99	210
Porirua	84	36	171	72	9	42	0	27	90	3	0	30	-3	21	3	-6	3	111	696
Whitby-Pukerua Bay	102	18	15	30	12	15	-3	162	54	-12	-36	36	3	36	0	6	3	39	486
Lower Hutt Central	273	6	69	3	21	18	27	15	366	24	0	39	-3	6	3	-3	12	372	1242
Lower Hutt North	-297	-24	21	-15	-12	9	30	-9	-408	-75	-27	33	-3	3	-3	0	-3	171	-612
Eastern Bays/Wainuiomata	45	-6	48	-12	3	15	6	6	-3	-12	-63	36	-3	0		0	-3	33	99
Upper Hutt Central/South	60	12	72	30	6	-3	33	15	180	3	-3	156	21	3	-3		-6	177	762
Upper Hutt North	-60	-3	9	-12	6	3	3	-3	-87	-27	-3	-219	12	0	3		3	-33	-429
Paraparaumu	81	24	27	3	3	9	42	18	96	3	0	33	3	261	24	27	3	120	771
Waikanae	69	3	9	-6	0	18	6	6	24	-3	3	6		111	-12	33	-3	48	303
North Kapiti	60	3	3	3	6	3	-3	3	3	0		0		66	27	-6	3	66	234
Wairapara	66	9	0	9	12	0	3	0	39	3	-3	33	3			-3	153	138	471
<b>Total</b>	<b>-96</b>	<b>354</b>	<b>669</b>	<b>9</b>	<b>18</b>	<b>150</b>	<b>90</b>	<b>282</b>	<b>603</b>	<b>-99</b>	<b>-147</b>	<b>240</b>	<b>30</b>	<b>516</b>	<b>42</b>	<b>45</b>	<b>162</b>	<b>1722</b>	<b>4587</b>

**Table 36 Comparison of Modal Share Origin-Destination Matrix by Private Auto (% of Trips by Mode)**

**Mode of Travel:** Drove a Private Car, Truck or Van

<i>Number of Trips from Origin to Destination by Mode and Motor Vehicle Availability</i>	<b>Workplace Destination</b>																		
<b>Usual Residence Origin</b>	Wellington CBD	Wellington East	Wellington North	Wellington South	Wellington West	Tawa	Porirua	Whitby-Pukerua Bay	Lower Hutt Central	Lower Hutt North	Eastern Bays/Waimuomata	Upper Hutt Central/South	Upper Hutt North	Paraparaumu	Waikanae	North Kapiti	Wairapara	Unidentified	Total
Wellington CBD	-2.9%	-5.5%	-8.2%	-1.9%	1.9%	-42.9%	-25.6%	50.0%	2.6%	-10.0%	0.0%	-4.4%		33.3%	-100.0%	-50.0%		-2.7%	-2.4%
Wellington East	-1.5%	-1.9%	2.9%	-1.0%	3.7%	14.5%	-1.0%	19.4%	3.4%	-8.0%	7.1%	24.1%	-100.0%	-6.7%	-16.7%	75.0%	4.2%	2.0%	-0.7%
Wellington North	-0.3%	3.3%	-0.7%	1.9%	3.4%	-3.3%	-0.9%	6.0%	1.1%	3.6%	-31.5%	7.1%	100.0%	15.4%	8.3%	-37.5%	-4.0%	2.3%	0.3%
Wellington South	-3.3%	-0.9%	-5.5%	-3.4%	-2.9%	3.1%	-4.1%	12.8%	0.8%	9.2%	-12.7%	14.0%		6.7%	0.0%	33.3%	10.0%	0.2%	-2.1%
Wellington West	-3.9%	8.1%	1.2%	1.2%	-0.1%	-1.8%	2.1%	-12.5%	-1.7%	5.7%	-7.1%	5.8%	0.0%	4.4%	25.0%	0.0%	-1.2%	31.4%	-1.6%
Tawa	1.0%	8.3%	6.0%	4.5%	-3.3%	-2.3%	0.4%	-7.2%	-0.7%	9.4%	-16.7%	4.4%		2.6%	-66.7%		33.3%		1.5%
Porirua	1.1%	3.9%	7.8%	2.9%	1.0%	1.1%	0.8%	-1.3%	2.4%	-2.2%	0.0%	15.5%	-100.0%	3.6%	-33.3%	-100.0%	2.9%		2.3%
Whitby-Pukerua Bay	2.7%	-2.0%	0.5%	9.6%	-0.9%	-1.8%	0.3%	1.9%	8.1%	-2.9%	14.5%	9.2%	33.3%	5.4%	0.0%	0.0%	20.0%		2.3%
Lower Hutt Central	0.6%	-4.0%	5.9%	-3.4%	-7.6%	-3.8%	9.5%	4.8%	1.9%	3.6%	10.0%	-1.7%	-25.0%	21.4%	50.0%	33.3%	41.7%		1.2%
Lower Hutt North	-3.9%	-7.4%	-1.3%	1.3%	2.0%	-8.0%	4.9%	-6.7%	2.0%	-4.1%	-2.2%	3.1%	-21.4%	16.7%	-16.7%	0.0%	-14.4%		-0.7%
Eastern Bays/Wainuiomata	1.3%	-0.5%	0.2%	1.2%	-1.0%	7.9%	7.1%	12.7%	-0.5%	1.5%	-2.5%	13.3%	-50.0%	-10.0%		-66.7%	0.0%		0.2%
Upper Hutt Central/South	-2.6%	1.2%	17.5%	11.5%	-4.0%	-17.8%	10.5%	-2.0%	1.9%	-0.5%	-12.8%	-0.5%	7.1%	15.0%	-33.3%		-41.4%		0.8%
Upper Hutt North	3.4%	1.5%	-2.9%	-0.6%	0.0%	27.0%	7.1%	-10.0%	3.8%	2.3%	7.1%	9.1%	1.3%	60.0%	100.0%		-16.7%		4.4%
Paraparaumu	0.4%	18.3%	7.9%	8.5%	-0.7%	5.5%	5.4%	4.3%	9.0%	-2.9%	-8.3%	-3.2%	50.0%	0.0%	3.8%	6.8%	0.0%		1.9%
Waikanae	1.9%	-8.0%	2.1%	-26.2%	-10.0%	32.7%	9.1%	5.6%	9.6%	-4.8%	100.0%	28.6%		0.9%	-5.1%	15.2%	-100.0%	-40.3%	-0.4%
North Kapiti	15.6%	8.3%	-40.0%	-30.6%	66.7%	-16.7%	-2.2%	33.3%	-7.1%	-16.7%		-50.0%		1.6%	-3.8%	-0.7%	100.0%	3.0%	1.6%
Wairapara	5.6%	11.7%	-4.5%	1.5%	42.5%	-50.0%	-2.9%	0.0%	-1.4%	6.7%	-100.0%	13.5%	0.0%				0.0%	0.2%	0.0%
Total	-2.0%	-0.2%	1.2%	-1.1%	0.2%	-0.7%	1.1%	1.5%	1.5%	-1.3%	-2.4%	2.3%	1.0%	1.1%	-3.0%	0.8%	0.0%	1.6%	-0.1%



**Table 37 Comparison of Origin-Destination Matrix by Company Auto**

**Mode of Travel:** Drove a Company Car, Truck or Van

<i>Number of Trips from Origin to Destination by Mode and Motor Vehicle Availability</i>	<b>Workplace Destination</b>	Wellington CBD	Wellington East	Wellington North	Wellington South	Wellington West	Tawa	Porirua	Whitby-Pukerua Bay	Lower Hutt Central	Lower Hutt North	Eastern Bays/Wainuiomata	Upper Hutt Central/South	Upper Hutt North	Paraparaumu	Waikanae	North Kapiti	Wairapara	Unidentified	Total
<b>Usual Residence Origin</b>																				
Wellington CBD		-42	9	0	3	3	3	0		-9	3		3					-3	24	-3
Wellington East		-225	-12	3	-33	0	-3	-12	-6	-24	-6	0	-9		0		-6	-3	-48	-378
Wellington North		-315	-15	-9	-12	-9	0	3	-9	-24	-15	-3	0		-6		-3	-6	-66	-480
Wellington South		-159	3	21	-51	3	0	-6	3	-6	-12	0	6		-3			-3	-48	-252
Wellington West		-288	-18	-3	-30	-6	3	-24	0	-39	-6		3		-6	-3	3	-3	210	-432
Tawa		-78	-3	0	0	6	-15	-9	0	-15	-3	-3	3		-3		3	3		-129
Porirua		-27	12	15	15	0	6	-15	3	9	3	3	-6	3	12		-3	0		-30
Whitby-Pukerua Bay		-132	-3	-12	-15	3	9	-30	48	-39	-6	-9	-3	-3	3	0	0	3		-237
Lower Hutt Central		-51	18	0	-3	9	6	-15	6	-36	-18	-9	-3	0	0	-3	-3	-3		33
Lower Hutt North		-147	-18	0	-9	0	3	-6	-6	-204	15	-6	-27	0	-9	-3		3		-459
Eastern Bays/Wainuiomata		-51	-9	12	-9	3	-6	0	3	-33	-12	-12	-6	3	0	3		3		-132
Upper Hutt Central/South		3	0	6	-6	3	0	6	6	39	-9	0	9	6	-3	-3		3		78
Upper Hutt North		-66	-3	6	-3	0	-3	6	6	-54	-3	0	-51	-12	-6		3	0		-222
Paraparaumu		-33	3	6	-6	3	-6	-6	0	6	0	0	6		12	-3	0	0		-18
Waikanae		6	3	-3	0	0	0	-6	-3	0	3	3	0	3	15	6	3	0	-150	12
North Kapiti		0	0	3	3		6	0		0	0		0		9	3	-9	3	15	33
Wairapara		3	3	0	3	-3	3	3	-3	15	0	0	-9		-3			-12	81	90
<b>Total</b>		<b>-1623</b>	<b>-27</b>	<b>66</b>	<b>-159</b>	<b>3</b>	<b>-3</b>	<b>-120</b>	<b>42</b>	<b>-405</b>	<b>-63</b>	<b>-33</b>	<b>-78</b>	<b>6</b>	<b>33</b>	<b>0</b>	<b>0</b>	<b>-24</b>	<b>-159</b>	<b>-2544</b>

**Table 38 Comparison of Modal Share Origin-Destination Matrix by Company Auto (% of Trips by Mode)**

**Mode of Travel:** Drove a Company Car, Truck or Van

<i>Number of Trips from Origin to Destination by Mode and Motor Vehicle Availability</i>	Workplace Destination	Wellington CBD	Wellington East	Wellington North	Wellington South	Wellington West	Tawa	Porirua	Whitby-Pukerua Bay	Lower Hutt Central	Lower Hutt North	Eastern Bays/Wainuiomata	Upper Hutt Central/South	Upper Hutt North	Paraparaumu	Waikanae	North Kapiti	Wairapara	Unidentified	Total
Usual Residence Origin																				
Wellington CBD		-1.9%	3.6%	-5.2%	-0.2%	1.8%	3.6%	-2.8%		-9.9%	5.0%		10.0%					-25.0%	1.1%	-1.3%
Wellington East		-3.2%	-0.8%	0.4%	-1.5%	0.1%	-7.3%	-5.2%	-22.2%	-5.3%	-4.8%	-2.4%	-7.6%		1.1%		-50.0%	-6.3%	-2.3%	-2.3%
Wellington North		-3.7%	-5.2%	-1.0%	-1.2%	-1.0%	-0.8%	-0.6%	-11.7%	-3.1%	-5.6%	-6.3%	-2.1%		-15.4%		-12.5%	-11.4%	-2.9%	-2.8%
Wellington South		-2.0%	-0.9%	2.3%	-1.4%	0.6%	-3.0%	-1.5%	8.3%	-2.8%	-3.7%	0.9%	2.2%		-6.7%			-7.5%	-1.8%	-1.7%
Wellington West		-3.2%	-7.3%	-0.9%	-2.9%	-0.1%	0.9%	-10.2%	0.0%	-6.9%	-4.2%		4.5%		-22.2%	-25.0%	16.7%	-5.9%	8.3%	-2.5%
Tawa		-3.4%	-4.0%	-1.2%	-1.5%	6.3%	-1.5%	-1.0%	-2.9%	-6.7%	0.9%	-33.3%	-2.2%		-19.5%		50.0%	33.3%		-2.4%
Porirua		-2.3%	6.5%	0.0%	1.8%	-1.0%	0.6%	-0.4%	0.1%	-2.5%	3.0%	33.3%	-13.2%		11.6%		-50.0%	-5.7%		-1.1%
Whitby-Pukerua Bay		-4.9%	-7.6%	-5.7%	-5.8%	0.6%	1.3%	-2.1%	0.8%	-5.3%	-1.9%	7.9%	-8.0%	-100.0%	-2.0%	0.0%	-16.7%	20.0%		-3.2%
Lower Hutt Central		-2.7%	8.6%	-5.5%	-1.6%	3.5%	-3.1%	-12.9%	7.5%	-1.1%	-1.9%	-2.6%	-2.4%	0.0%	-3.6%		-33.3%	-12.5%		-1.3%
Lower Hutt North		-3.4%	-7.6%	-3.7%	-1.8%	1.5%	-6.2%	-9.0%	-7.8%	-1.8%	0.1%	-1.9%	-4.1%	-1.8%	-50.0%	-33.3%		8.9%		-2.0%
Eastern Bays/Wainuiomata		-3.2%	-7.4%	-2.3%	-2.8%	3.2%	-18.6%	-1.0%	4.8%	-1.1%	-2.1%	-0.5%	-5.4%	50.0%	-5.0%	50.0%		20.8%		-1.5%
Upper Hutt Central/South		-1.5%	-3.6%	-10.4%	-5.9%	5.3%	-5.8%	-2.4%	6.5%	0.1%	-2.0%	-1.3%	-0.4%	3.1%	-25.0%	-33.3%		5.7%		-0.7%
Upper Hutt North		-5.2%	-3.6%	1.0%	2.0%	-5.6%	-7.9%	9.7%	20.0%	-2.1%	2.7%	10.7%	-0.1%	-3.0%	-40.0%		100.0%	-16.7%		-0.8%
Paraparaumu		-4.1%	0.0%	-1.2%	-2.8%	4.9%	-8.9%	-2.4%	-2.4%	-9.4%	-3.5%	-8.3%	-3.2%		-1.0%	-1.7%	-4.3%	-8.3%		-2.0%
Waikanae		-2.5%	9.1%	-17.9%	-5.4%	-3.3%	-21.8%	-6.3%	-22.2%	-10.0%	19.0%	100.0%	0.0%	100.0%	-0.6%	-0.5%	-1.5%	-100.0%	-21.0%	-2.5%
North Kapiti		-6.6%	-8.3%	20.0%	11.1%		33.3%	0.5%		-11.4%	-8.3%		-25.0%		-3.5%	-2.5%	-0.6%	100.0%	0.6%	-0.2%
Wairapara		-2.3%	3.9%	-0.9%	-0.4%	-20.0%	25.0%	8.6%	-33.3%	-1.3%	0.0%	-50.0%	-7.4%		-100.0%			-0.3%	1.2%	0.0%
Total		-3.2%	-1.4%	-1.1%	-1.7%	0.0%	-1.5%	-1.6%	-0.4%	-1.8%	-1.0%	-0.7%	-0.9%	-0.3%	-1.2%	-1.2%	-0.3%	-0.4%	-1.6%	-1.8%

**Table 39 Comparison of Origin-Destination Matrix by Passenger**

**Mode of Travel:** Passenger in a Car, Truck, Van or Company Bus

<i>Number of Trips from Origin to Destination by Mode and Motor Vehicle Availability</i>	<b>Workplace Destination</b>																		
<b>Usual Residence Origin</b>	Wellington CBD	Wellington East	Wellington North	Wellington South	Wellington West	Tawa	Porirua	Whitby-Pukerua Bay	Lower Hutt Central	Lower Hutt North	Eastern Bays/Wainuiomata	Upper Hutt Central/South	Upper Hutt North	Paraparaumu	Waikanae	North Kapiti	Wairapara	Unidentified	Total
Wellington CBD	-12	6	0	3	9	3	0		6	-3							-3	9	18
Wellington East	-156	-48	-3	-39	-3	-3	0		-9	3		-3		0	0		-6	-6	-273
Wellington North	-240	6	-15	-27	-12	9	-6	0	3	3	-3	-3			-3	-3	6	-27	-321
Wellington South	-90	-6	3	-45	-3	-3	-12	0	-12	-9	3	-6		-3	3	3	0	-21	-189
Wellington West	-102	3	9	-9	-18	0	-6		3	-3	0	0		-3	-3	0	3	-3	-135
Tawa	-99	-3	-9	6	3	-12	-21	6	-9					3	-3			12	-138
Porirua	-42	-6	30	0	0	9	-57	-3	12	0		6	-3	-3	3		0	-45	-96
Whitby-Pukerua Bay	-144	3	0	-6	-6	0	-15	-12	-18	3	-3	3		-3	-3		3	-24	-219
Lower Hutt Central	-42	-6	-6	3	-6	0	-3	-3	-42	-6	-6	3					0	60	-39
Lower Hutt North	-111	-3	6	-9	0	3	3	0	-90	-3	-3	0	3	3			0	-21	-231
Eastern Bays/Wainuiomata	-57	-6	3	3	0	3	0		-36	-9	-30	-6						-6	-153
Upper Hutt Central/South	-81	3	6	3	6	0	-3		-27	15	0	-18	-6	3			3	-48	-156
Upper Hutt North	-63	3	3	0			-3		-18	-6	0	-72	-3					-30	-189
Paraparaumu	-51	-3	-3	-6	-6	3	-30	3	9	-6		3		6	-9	0		-6	-96
Waikanae	-24		-3	3	-3	0	-3		0					12	-9	0		30	-24
North Kapiti	-3			3			0	-3	-3					0	3	6			9
Wairapara	9	0	3			3		3	9	-6		-9					-33		15
<b>Total</b>	<b>-1314</b>	<b>-69</b>	<b>21</b>	<b>-108</b>	<b>-51</b>	<b>6</b>	<b>-144</b>	<b>-12</b>	<b>-213</b>	<b>-27</b>	<b>-39</b>	<b>-102</b>	<b>-6</b>	<b>6</b>	<b>-21</b>	<b>9</b>	<b>-30</b>		<b>-2217</b>

**Table 40 Comparison of Modal Share Origin-Destination Matrix by Passenger (% of Trips by Mode)**

**Mode of Travel:** Passenger in a Car, Truck, Van or Company Bus

<i>Number of Trips from Origin to Destination by Mode and Motor Vehicle Availability</i>	<b>Workplace Destination</b>																			
<b>Usual Residence Origin</b>	Wellington CBD	Wellington East	Wellington North	Wellington South	Wellington West	Tawa	Porirua	Whitby-Pukerua Bay	Lower Hutt Central	Lower Hutt North	Eastern Bays/Waimuimata	Upper Hutt Central/South	Upper Hutt North	Paraparaumu	Waikanae	North Kapiti	Wairapara	Unidentified	Total	
Wellington CBD	-0.9%	1.0%	-3.5%	0.7%	5.0%	14.3%	-2.8%		2.3%	-8.3%								-25.0%	0.2%	-0.4%
Wellington East	-2.1%	-1.4%	-1.4%	-1.9%	-0.9%	-5.3%	1.1%		-1.8%	3.2%		-3.2%		1.1%	-16.7%			-12.5%	-0.5%	-1.6%
Wellington North	-2.9%	0.8%	-0.8%	-2.6%	-1.6%	2.9%	-1.7%	-0.7%	0.0%	2.7%	-7.7%	-2.7%			-25.0%	-12.5%	12.9%	-1.2%	-1.9%	
Wellington South	-1.5%	-1.6%	0.2%	-1.1%	-0.6%	-5.7%	-4.4%	0.6%	-2.1%	-4.5%	10.0%	-6.3%		-6.7%	16.7%	33.3%	-1.3%	-0.8%	-1.3%	
Wellington West	-1.1%	0.2%	1.8%	-0.8%	-0.5%	-0.4%	-2.4%		0.0%	-2.2%	1.8%	0.3%		-11.1%	-25.0%	-16.7%	6.7%	5.0%	-0.8%	
Tawa	-4.3%	-3.6%	-3.6%	2.4%	3.0%	-1.1%	-2.6%	5.4%	-3.1%					9.1%	-33.3%					-2.4%
Porirua	-3.8%	-7.7%	-3.9%	-5.9%	-2.0%	-0.1%	-1.6%	-3.5%	-0.9%	-1.3%		4.8%	-100.0%	-6.3%	33.3%			-5.7%		-2.2%
Whitby-Pukerua Bay	-5.2%	1.5%	-0.3%	-2.3%	-8.5%	-0.4%	-1.0%	-1.1%	-2.5%	2.6%	-3.0%	1.3%		-3.0%	-33.3%		20.0%			-2.5%
Lower Hutt Central	-2.4%	-3.9%	-3.7%	0.5%	-6.4%	-1.9%	-2.9%	-8.3%	-0.8%	-0.6%	-2.2%	-0.1%						-1.4%		-1.0%
Lower Hutt North	-2.4%	-1.1%	0.8%	-2.5%	1.0%	1.7%	0.2%	1.1%	-0.5%	-0.3%	-1.3%	-0.1%	12.5%	16.7%				-1.1%		-1.0%
Eastern Bays/Waimuimata	-3.5%	-5.0%	-0.8%	2.5%	-0.3%	5.0%	-0.2%		-1.1%	-1.7%	-1.5%	-4.4%								-1.6%
Upper Hutt Central/South	-6.4%	2.5%	0.2%	1.3%	10.5%	-1.4%	-5.3%		-2.6%	2.9%	-0.6%	-0.8%	-6.4%	20.0%			10.0%			-2.2%
Upper Hutt North	-4.1%	7.7%	2.3%	1.1%			-4.2%		-0.6%	-1.4%	10.7%	-1.7%	-0.7%							-1.8%
Paraparaumu	-5.3%	-5.0%	-3.6%	-3.8%	-12.5%	2.5%	-7.4%	2.2%	0.6%	-11.8%		0.5%		-0.4%	-3.5%	-1.1%				-1.8%
Waikanae	-9.2%		-7.1%	5.9%	-20.0%	-10.9%	-3.4%		-1.0%					0.9%	-1.1%	-3.0%			-4.6%	-1.6%
North Kapiti	-6.1%			11.1%			0.5%	-33.3%	-10.0%					-2.4%	2.6%	0.3%			-0.7%	-0.3%
Wairapara	-0.3%	-5.2%	9.1%			25.0%		33.3%	1.1%	-13.3%		-7.4%						-0.4%	0.5%	-0.2%
Total	-2.7%	-1.4%	-0.6%	-1.1%	-1.0%	-0.4%	-1.9%	-1.1%	-1.0%	-0.4%	-1.2%	-1.2%	-1.3%	-0.6%	-1.7%	0.3%	-0.3%	-0.9%		-1.4%

**Table 41 Comparison of Origin-Destination Matrix by Train**

**Mode of Travel:** Train

<i>Number of Trips from Origin to Destination by Mode and Motor Vehicle Availability</i>	<b>Workplace Destination</b>																				
<b>Usual Residence Origin</b>	Wellington CBD	Wellington East	Wellington North	Wellington South	Wellington West	Tawa	Porirua	Whitby-Pukerua Bay	Lower Hutt Central	Lower Hutt North	Eastern Bays/Wainuiomata	Upper Hutt Central/South	Upper Hutt North	Paraparaumu	Waikanae	North Kapiti	Wairapara	Unidentified	Total		
Wellington CBD	9		6			3	12	3	6	0		-3							0	27	
Wellington East	-6	3	0				-3		0	-3		-3							0	-6	
Wellington North	222	-9	3	6	-6	0	0		12	-3		3		-3			0		18	246	
Wellington South	3		6	0	-3	-3	-3		-3	0		3							6	0	
Wellington West	24		-3	3	3		3	3	-6	0		3							21	33	
Tawa	75	0	6	3	6	6	6	6	12	-3	3	3		0					-3	126	
Porirua	81	-3	-6	-6	3	0	3	6	3	-3		-3		3					0	93	
Whitby-Pukerua Bay	186	3	-3	0	6	6	-3	9	0	-3		0		9					-3	249	
Lower Hutt Central	396	0	6	0	27	3	-3		21	-9	-3	21		0						576	
Lower Hutt North	3	-3	3	-6	-9			3	3	-45	-9	3	-12		3		3		3	-45	
Eastern Bays/Wainuiomata	45	-3	3	-6			0	3	3	-3	3	-3			3				3	48	
Upper Hutt Central/South	282	-3	3	-3	-3	-3	3		6	-9	3	15	3						6	342	
Upper Hutt North	-54		0	-3	-3				-12	-6		-30	3						3	-114	
Paraparaumu	186	-3	-3	-3	0	-3	6	0	-6	0				12	-3				3	216	
Waikanae	63			3	3		3		3					3	-3					-15	99
North Kapiti	27				3		3		3									-6		6	36
Wairapara	93	3	-6	0	-3	3	3		15	3	3	6							9	15	144
<b>Total</b>	<b>1638</b>	<b>-18</b>	<b>9</b>	<b>-9</b>	<b>24</b>	<b>15</b>	<b>27</b>	<b>27</b>	<b>9</b>	<b>-48</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>27</b>	<b>-3</b>	<b>0</b>	<b>21</b>	<b>333</b>	<b>2064</b>		

**Table 42 Comparison of Modal Share Origin-Destination Matrix by Train (% of Trips by Mode)**

**Mode of Travel:** Train

<i>Number of Trips from Origin to Destination by Mode and Motor Vehicle Availability</i>	<b>Workplace Destination</b>																				
<b>Usual Residence Origin</b>	Wellington CBD	Wellington East	Wellington North	Wellington South	Wellington West	Tawa	Porirua	Whitby-Pukerua Bay	Lower Hutt Central	Lower Hutt North	Eastern Bays/Wainuiomata	Upper Hutt Central/South	Upper Hutt North	Paraparaumu	Waikanae	North Kapiti	Wairapara	Unidentified	Total		
Wellington CBD	0.2%		4.3%			14.3%	22.2%	25.0%	1.3%	-3.3%		-12.2%							-0.4%	0.2%	
Wellington East	-0.1%	0.1%	0.0%				-2.0%		0.0%	-2.7%		-3.2%							0.0%	0.0%	
Wellington North	2.4%	-2.1%	-0.1%	0.6%	-0.9%	-0.1%	-0.1%		0.8%	-1.0%		1.8%		-7.7%			0.4%	0.4%	1.0%		
Wellington South	0.0%		1.3%	0.0%	-0.6%	-4.2%	-0.9%		-0.8%	0.4%		0.5%							0.1%	0.0%	
Wellington West	0.3%		-0.7%	0.3%	0.1%		1.9%	6.3%	-1.2%	0.1%		3.3%							0.8%	0.2%	
Tawa	3.8%	-0.1%	1.6%	0.4%	5.6%	0.5%	1.0%	3.9%	3.3%	-1.3%	25.0%	6.7%		-5.2%			-50.0%			1.1%	
Porirua	1.3%	-4.3%	-3.2%	-6.6%	2.0%	-0.4%	0.1%	2.5%	-0.3%	-5.7%		-5.6%		0.9%			-5.7%			0.1%	
Whitby-Pukerua Bay	5.8%	1.5%	-1.1%	-0.1%	5.2%	1.6%	-0.2%	0.0%	0.0%	-2.0%		-0.6%		4.0%			-25.0%			1.8%	
Lower Hutt Central	2.4%	-0.2%	0.5%	-0.5%	13.5%	3.1%	-2.6%		0.2%	-1.0%	-1.3%	3.7%		-1.8%						1.7%	
Lower Hutt North	5.7%	-1.5%	0.3%	-1.5%	-4.8%		1.2%	6.7%	-0.4%	-0.4%	2.6%	-1.8%		16.7%	50.0%		8.9%			0.3%	
Eastern Bays/Wainuiomata	2.1%	-2.6%	0.6%	-2.7%			-0.2%	11.1%	0.1%	-0.7%	0.2%	-2.2%			50.0%		16.7%			0.4%	
Upper Hutt Central/South	8.6%	-5.2%	-1.4%	-2.8%	-15.0%	-7.7%	2.3%		-0.1%	-1.9%	7.7%	0.2%	2.4%				15.7%			1.9%	
Upper Hutt North	1.2%		-0.9%	-1.3%	-22.2%				-1.0%	-1.9%		-1.3%	0.6%				16.7%			-0.8%	
Paraparaumu	7.3%	-4.2%	-2.6%	-1.6%	-1.4%	-4.3%	0.7%	-0.8%	-2.3%	-0.9%				0.2%	-1.1%		16.7%			1.3%	
Waikanae	3.5%			4.1%	16.7%		3.7%		2.7%					0.5%	-0.3%					-2.1%	1.9%
North Kapiti	2.2%				33.3%		7.7%		7.1%							-0.4%			0.6%	0.9%	
Wairapara	-4.1%	9.1%	-20.9%	-10.8%	-27.5%	25.0%	14.3%		-7.4%	6.7%	50.0%	-0.5%					0.1%		0.3%	0.7%	
Total	2.0%	-0.3%	-0.3%	-0.1%	0.5%	0.2%	0.4%	0.5%	0.0%	-0.8%	0.0%	0.0%	0.4%	0.3%	-0.2%	0.0%	0.2%	0.6%	0.6%	0.7%	

**Table 43 Comparison of Origin-Destination Matrix by Public Bus**

**Mode of Travel: Public Bus**

<i>Number of Trips from Origin to Destination by Mode and Motor Vehicle Availability</i>	<b>Workplace Destination</b>																			
	Wellington CBD	Wellington East	Wellington North	Wellington South	Wellington West	Tawa	Porirua	Whitby-Pukerua Bay	Lower Hutt Central	Lower Hutt North	Eastern Bays/Wainuiomata	Upper Hutt Central/South	Upper Hutt North	Paraparaumu	Waikanae	North Kapiti	Wairapara	Unidentified	Total	
<b>Usual Residence Origin</b>																				
Wellington CBD	60	-6	9	12	3				6	3								0	15	123
Wellington East	177	18	9	-6	0	3	3		15	3	3	-6	3	0		-3	-6	78	294	
Wellington North	249	9	-3	6	-6	9	3	3	3	-3		0	-3	-3		-3	0	27	300	
Wellington South	156	39	0	-18	0	6	9	3	24	3	3	-3	-3	0	0	-3	-12	30	240	
Wellington West	195	3	0	-6	-12	3	0		30	-6	6	0		-3	-3	3	0	297	288	
Tawa	3	3	9	9	0	0	12		6										30	
Porirua	18	6	12	6	0	6	-72	0	0	3		3					3		18	
Whitby-Pukerua Bay	6		3	-3			6	9	0		-3	-3							33	
Lower Hutt Central	111	3		0	6	3	-3		51	3	-9	-6					3		216	
Lower Hutt North	39	6	9	3	3	-3	3		27	18	0	3					-3		141	
Eastern Bays/Wainuiomata	54	-3	6	-3	3				9	-6	-3	-3							54	
Upper Hutt Central/South	3			0	0		-3		-6	-3	3	-3	-3	3			3		9	
Upper Hutt North	-3	-3		3		3			-15	3	-3	9	6				-3		-15	
Paraparaumu	-9	3	3	0	0		0		3					9	3				6	
Waikanae	15			3					3			-3		9	0			-6	27	
North Kapiti	3			-3										3		3		-12	-6	
Wairapara	0			3					3								-9	0	-3	
<b>Total</b>	<b>1080</b>	<b>84</b>	<b>51</b>	<b>12</b>	<b>3</b>	<b>36</b>	<b>-42</b>	<b>18</b>	<b>153</b>	<b>15</b>	<b>-9</b>	<b>-6</b>	<b>3</b>	<b>21</b>	<b>-6</b>	<b>0</b>	<b>-21</b>	<b>375</b>	<b>1752</b>	

**Table 44 Comparison of Modal Share Origin-Destination Matrix by Public Bus (% of Trips by Mode)**

**Mode of Travel:** Public Bus

<i>Number of Trips from Origin to Destination by Mode and Motor Vehicle Availability</i>	Workplace Destination																			
Usual Residence Origin	Wellington CBD	Wellington East	Wellington North	Wellington South	Wellington West	Tawa	Porirua	Whitby-Pukerua Bay	Lower Hutt Central	Lower Hutt North	Eastern Bays/Wainuiomata	Upper Hutt Central/South	Upper Hutt North	Paraparaumu	Waikanae	North Kapiti	Wairapara	Unidentified	Total	
Wellington CBD	0.3%	-13.8%	7.4%	2.4%	-0.2%				1.3%	6.7%							0.0%	0.1%	0.7%	
Wellington East	3.8%	0.1%	3.4%	0.2%	0.5%	4.8%	3.1%		2.3%	3.3%	14.3%	-4.4%	100.0%	1.1%		-25.0%	-10.4%	2.1%	1.7%	
Wellington North	2.6%	1.5%	-0.3%	0.6%	-0.6%	3.0%	0.4%	2.8%	0.1%	-1.0%		-0.3%	-100.0%	-7.7%		-12.5%	0.7%	0.6%	1.1%	
Wellington South	-0.7%	1.3%	-1.2%	-0.7%	0.0%	4.7%	4.8%	8.3%	2.2%	3.6%	10.0%	-4.0%	-100.0%	3.3%	-16.7%	-33.3%	-27.5%	0.1%	-0.2%	
Wellington West	2.1%	-0.7%	-0.1%	-0.3%	-0.3%	3.1%	0.2%		3.6%	-4.3%	28.6%	0.3%		-11.1%	-25.0%	16.7%	1.6%	11.8%	1.5%	
Tawa	0.1%	3.3%	2.6%	4.3%		0.0%	1.6%		1.8%										0.4%	
Porirua	0.4%	2.8%	0.8%	0.1%	-1.0%	0.9%	-2.0%	-1.1%	-0.7%	4.3%		3.4%					14.3%		-0.5%	
Whitby-Pukerua Bay	0.2%		0.9%	-1.1%			0.4%	0.4%	0.0%		-3.0%	-2.5%							0.3%	
Lower Hutt Central	1.6%	0.9%		-0.3%	2.6%	3.1%	-2.3%		0.5%	0.4%	-3.7%	-1.6%					11.1%		0.8%	
Lower Hutt North	1.7%	3.6%	2.6%	1.3%	2.8%	-4.3%	1.8%		1.3%	0.5%	1.3%	0.4%					-11.1%		1.0%	
Eastern Bays/Wainuiomata	2.6%	-2.4%	1.9%	-1.1%	3.5%				0.2%	-1.0%	-0.1%	-2.2%							0.4%	
Upper Hutt Central/South	-0.1%			-0.3%	-2.4%		-3.3%		-1.0%	-0.6%	7.7%	-0.2%	-2.9%	20.0%			10.0%	-0.2%	-0.2%	
Upper Hutt North	1.3%	-6.7%		4.5%		14.3%			-0.9%	1.6%	-14.3%	1.6%	1.2%				-33.3%		0.5%	
Paraparaumu	-1.3%	3.3%	2.0%	0.3%	-0.7%		0.0%		0.7%					0.1%	0.9%				-0.2%	
Waikanae	1.0%			5.9%					2.7%			-14.3%		1.1%	-0.1%				-0.8%	0.4%
North Kapiti	1.4%			-25.0%										1.2%		0.2%			-1.5%	-0.3%
Wairapara	-0.9%			5.0%					1.1%								-0.1%		-0.1%	-0.1%
Total	1.0%	0.5%	0.3%	-0.1%	0.0%	1.1%	-0.6%	0.5%	0.5%	0.3%	-0.1%	-0.1%	0.3%	0.2%	-0.5%	0.0%	-0.2%	0.6%	0.5%	



**Table 45 Comparison of Origin-Destination Matrix by Walk**

**Mode of Travel:** Walk

<i>Number of Trips from Origin to Destination by Mode and Motor Vehicle Availability</i>	<b>Usual Residence Origin</b>																		
<b>Workplace Destination</b>	Wellington CBD	Wellington East	Wellington North	Wellington South	Wellington West	Tawa	Porirua	Whitby-Pukerua Bay	Lower Hutt Central	Lower Hutt North	Eastern Bays/Wainuiomata	Upper Hutt Central/South	Upper Hutt North	Paraparaumu	Waikanae	North Kapiti	Wairapara	Unidentified	Total
Wellington CBD	909	0	9	33	18	0		3	3	-3		-6	-3	3	0		-6	90	1050
Wellington East	105	-3	0	12	-3	-3			6	0		-3		3			6	12	138
Wellington North	30	6	-30	0	0	-3	3		3	-3	6				-3		3	6	12
Wellington South	723	24	12	75	-9	0	3		12	-6	-3	0		0	6	-3	12	120	966
Wellington West	324	3	0	15	-66	3	0	3	6	3	-3	-6		6	0	-3	0	321	312
Tawa	9			-3		0	-15	0	-3										-18
Porirua	6	-3		3		3	-12	3	3										36
Whitby-Pukerua Bay	3				3		-6	-66	-3		0								-81
Lower Hutt Central	-6	-3		-3			3	-3	-96	-3	-3	-6							-87
Lower Hutt North	-3	3		3					-27	-9	0								-60
Eastern Bays/Wainuiomata	3						3	3	9	0	-36	-3							-27
Upper Hutt Central/South	9			-6				3	3		3	27	-3	3					30
Upper Hutt North	-3	-3								3		-84	0						-81
Paraparaumu	6		3			3	0		-3			-3		12	3				0
Waikanae	6	3							3					-3	-6	-3		-24	-6
North Kapiti	6			3								-3				45		-9	39
Wairapara	9			3				-3			3	3					-45	6	-30
<b>Total</b>	<b>2121</b>	<b>21</b>	<b>-9</b>	<b>126</b>	<b>-66</b>	<b>9</b>	<b>-27</b>	<b>-72</b>	<b>-84</b>	<b>-27</b>	<b>-33</b>	<b>-75</b>	<b>-6</b>	<b>24</b>	<b>3</b>	<b>36</b>	<b>-36</b>	<b>270</b>	<b>2193</b>

**Table 46 Comparison of Modal Share Origin-Destination Matrix by Walk (% of Trips by Mode)**

**Mode of Travel:** Walk

<i>Number of Trips from Origin to Destination by Mode and Motor Vehicle Availability</i>	<b>Workplace Destination</b>																			
<b>Usual Residence Origin</b>	Wellington CBD	Wellington East	Wellington North	Wellington South	Wellington West	Tawa	Porirua	Whitby-Pukerua Bay	Lower Hutt Central	Lower Hutt North	Eastern Bays/Wainuiomata	Upper Hutt Central/South	Upper Hutt North	Paraparaumu	Waikanae	North Kapiti	Wairapara	Unidentified	Total	
Wellington CBD	4.3%	-4.3%	7.4%	6.0%	2.6%	-10.7%		25.0%	-0.1%	-11.7%		-22.2%		16.7%	0.0%		-50.0%	-3.4%	1.9%	
Wellington East	1.8%	-0.8%	0.0%	0.9%	-0.9%	-5.3%			1.0%	0.2%		-3.2%		11.1%			16.7%	0.1%	0.8%	
Wellington North	0.3%	1.2%	-1.6%	0.0%	0.1%	-1.1%	0.6%		0.2%	-1.3%	18.2%				-25.0%		6.3%	0.1%	0.0%	
Wellington South	5.6%	1.0%	2.7%	1.0%	-1.7%	-1.5%	1.7%		1.2%	-1.7%	-9.1%	-0.6%		6.7%	33.3%	-33.3%	18.8%	2.7%	3.3%	
Wellington West	3.5%	0.2%	-0.1%	1.8%	-1.8%	3.1%	0.2%	6.3%	0.6%	2.3%	-12.5%	-5.8%		20.0%	25.0%	-33.3%	2.4%	12.7%	1.6%	
Tawa	0.4%			-1.6%		-0.3%	-1.9%	-1.5%	-1.0%											-0.4%
Porirua	0.3%	-2.6%		1.0%		0.6%	-0.2%	0.5%	0.6%											-0.1%
Whitby-Pukerua Bay	0.1%				3.0%		-0.4%	-5.1%	-0.4%		17.0%									-0.9%
Lower Hutt Central	-0.3%	-1.8%		-0.8%			2.0%	-8.3%	-1.9%	-0.3%	-1.1%	-1.5%								-1.4%
Lower Hutt North	0.0%	1.6%		1.1%					-0.2%	-0.6%	0.7%									-0.2%
Eastern Bays/Wainuiomata	0.2%						4.8%	11.1%	0.3%	0.1%	-1.7%	-1.9%								-0.3%
Upper Hutt Central/South	0.4%			-4.1%				5.9%	0.1%		7.7%	-0.5%	-3.5%	20.0%						-0.6%
Upper Hutt North	-0.3%	-6.7%							1.4%			-3.4%	-0.3%							-1.0%
Paraparaumu	0.3%		2.0%			3.2%	0.0%		-1.0%			-4.5%		-0.6%	1.0%					-0.5%
Waikanae	1.2%	9.1%							2.7%					-0.9%	-1.3%	-4.5%				-0.9%
North Kapiti	2.8%			11.1%								-50.0%				2.7%				0.7%
Wairapara	1.3%			5.0%				-33.3%			50.0%	1.8%					-0.5%			-0.5%
Total	3.0%	-0.6%	-1.0%	0.9%	-1.3%	-0.2%	-0.4%	-4.0%	-0.4%	-0.4%	-0.7%	-0.9%	-1.4%	-0.5%	-0.5%	1.7%	-0.4%	0.2%	0.6%	

**Table 47 Comparison of Origin-Destination Matrix by Bicycle**

**Mode of Travel:** Bicycle

<i>Number of Trips from Origin to Destination by Mode and Motor Vehicle Availability</i>	<b>Workplace Destination</b>																			
	Wellington CBD	Wellington East	Wellington North	Wellington South	Wellington West	Tawa	Porirua	Whitby-Pukerua Bay	Lower Hutt Central	Lower Hutt North	Eastern Bays/Wainuiomata	Upper Hutt Central/South	Upper Hutt North	Paraparaumu	Waikanae	North Kapiti	Wairapara	Unidentified	Total	
<b>Usual Residence Origin</b>																				
Wellington CBD	21	6		-3	-3				0			3							0	21
Wellington East	57	6	-3	-6	-6		0		3	0						-3			-6	39
Wellington North	63	3	15	6	-3	0	-3		6	3		3					3		9	99
Wellington South	81	0	-6	-9	0	0	0	-3	0		3	3					3		18	93
Wellington West	39	-3	3	3	6				9	0		-3		3			0		57	54
Tawa	6		3		-3	-12	0	-3	-3	3										-18
Porirua	3		-3			-3	-9	3												-6
Whitby-Pukerua Bay	9	3	3			-3	0	-6	6					3						6
Lower Hutt Central	27	3	0	6			-3	3	-48	-9	0	3					-3			-30
Lower Hutt North	6	3		0	3				-24	-12		0								-36
Eastern Bays/Wainuiomata	12	3		-3					0	-3	-15									0
Upper Hutt Central/South	0							-3	6	0		-51	-3				3			-78
Upper Hutt North	-3		-3						3			-57	3							-72
Paraparaumu	-3		-3		3				-3					-33	0		-3			-45
Waikanae				3										0	-6	3			-18	-6
North Kapiti																-30			-9	-39
Wairapara	3				3		-3										-93		-39	-126
<b>Total</b>	<b>321</b>	<b>21</b>	<b>12</b>	<b>3</b>	<b>-9</b>	<b>-6</b>	<b>-12</b>	<b>-3</b>	<b>-39</b>	<b>-27</b>	<b>-12</b>	<b>-96</b>	<b>0</b>	<b>-30</b>	<b>-6</b>	<b>-36</b>	<b>-93</b>	<b>-129</b>	<b>-138</b>	

**Table 48 Comparison of Modal Share Origin-Destination Matrix by Bicycle (% of Trips by Mode)**

**Mode of Travel:** Bicycle

<i>Number of Trips from Origin to Destination by Mode and Motor Vehicle Availability</i>	<b>Workplace Destination</b>																		
	Wellington CBD	Wellington East	Wellington North	Wellington South	Wellington West	Tawa	Porirua	Whitby-Pukerua Bay	Lower Hutt Central	Lower Hutt North	Eastern Bays/Wainuiomata	Upper Hutt Central/South	Upper Hutt North	Paraparaumu	Waikanae	North Kapiti	Wairapara	Unidentified	Total
<b>Usual Residence Origin</b>																			
Wellington CBD	0.2%	5.3%		-2.6%	-2.2%				-0.5%			10.0%						-0.6%	-0.1%
Wellington East	1.0%	0.0%	-1.2%	-0.2%	-1.9%		0.6%		0.5%	0.2%						-25.0%		-0.3%	0.2%
Wellington North	0.7%	0.5%	0.3%	0.6%	-0.5%	-0.1%	-0.7%		0.4%	1.7%		1.8%					6.3%	0.3%	0.4%
Wellington South	0.6%	-0.8%	-1.8%	-0.3%	0.0%	-0.7%	0.2%	-7.7%	-0.2%		10.0%	2.3%					5.0%	0.4%	0.2%
Wellington West	0.4%	-1.4%	0.6%	0.4%	0.2%				1.1%	0.1%		-3.0%		10.0%			0.8%	2.3%	0.3%
Tawa	0.3%		0.9%		-3.7%	-1.1%	0.1%	-4.2%	-1.0%	7.7%									-0.3%
Porirua	0.1%		-1.0%			-1.0%	-0.3%	0.9%											-0.1%
Whitby-Pukerua Bay	0.3%	2.2%	0.9%			-1.1%	0.0%	-0.4%	0.9%					1.8%					0.0%
Lower Hutt Central	0.4%	1.5%	-0.6%	1.6%			-2.3%	5.3%	-0.8%	-1.0%	0.2%	0.6%					-12.5%		-0.5%
Lower Hutt North	0.3%	1.6%		0.1%	2.8%				0.0%	-0.5%		0.0%							-0.1%
Eastern Bays/Wainuiomata	0.7%	2.9%		-1.5%					0.0%	-0.6%	-0.8%								0.0%
Upper Hutt Central/South	-0.1%							-11.1%	0.2%	0.0%		-1.6%	-3.5%				10.0%		-1.1%
Upper Hutt North	-0.3%		-4.0%						0.5%			-2.1%	0.6%						-0.9%
Paraparaumu	-0.2%		-2.6%		5.6%				-1.0%					-1.2%	-0.2%		-25.0%		-0.8%
Waikanae				5.9%										-0.5%	-0.8%	3.0%		-2.5%	-0.5%
North Kapiti																-1.9%		-1.2%	-1.6%
Wairapara	0.5%				12.5%		-20.0%										-0.8%	-1.5%	-1.0%
Total	0.4%	0.0%	0.0%	0.0%	-0.2%	-0.3%	-0.2%	-0.3%	-0.2%	-0.4%	-0.4%	-1.1%	-0.2%	-1.0%	-0.7%	-2.0%	-0.8%	-0.5%	-0.2%

**Table 49 Comparison of Origin-Destination Matrix by Motorcycle**

**Mode of Travel:** Motorcycle

<i>Number of Trips from Origin to Destination by Mode and Motor Vehicle Availability</i>	<b>Workplace Destination</b>																				
	Wellington CBD	Wellington East	Wellington North	Wellington South	Wellington West	Tawa	Porirua	Whitby-Pukerua Bay	Lower Hutt Central	Lower Hutt North	Eastern Bays/Wainuiomata	Upper Hutt Central/South	Upper Hutt North	Paraparaumu	Waikanae	North Kapiti	Wairapara	Unidentified	Total		
Wellington CBD	6	9	0	3	3														-3	3	
Wellington East	-15	-6		6	0		3	3	-3											0	-21
Wellington North	9	3	-6	-3	-9		0		0	0		-3		3						-9	-24
Wellington South	21	-3	0	-12	-6		3		-6				-3							-15	-15
Wellington West	24	3	0	-6	-3		0		3	-3		0		3		-3				33	24
Tawa	12	0	-3		3	-9	-3		3												-6
Porirua	12		-3		-3	0	-3	3	0	-3		-3									-6
Whitby-Pukerua Bay	0	3	-3	-3	0		0	3	0			3									0
Lower Hutt Central	0	-3	0	3	-3				-6	0	-3	0									3
Lower Hutt North	-3	0	-3	0		0			-18	6		0									-9
Eastern Bays/Wainuiomata	-9	-3		3				-3	-9	-3	-6	0									-21
Upper Hutt Central/South	-3	3		-3			-3	-3	-6	0		15									9
Upper Hutt North	3		-3						0	-3		-3	3								-6
Paraparaumu	-6	-3		-3			-3	3	3					-9	-3						-21
Waikanae	-3					3	3							0	0						6
North Kapiti								3								-12				0	-12
Wairapara	3								-3								-3			-12	-21
<b>Total</b>	<b>63</b>	<b>-6</b>	<b>-12</b>	<b>-18</b>	<b>-18</b>	<b>-9</b>	<b>-12</b>	<b>3</b>	<b>-48</b>	<b>0</b>	<b>-9</b>	<b>12</b>	<b>3</b>	<b>-12</b>	<b>0</b>	<b>-12</b>	<b>0</b>	<b>-27</b>	<b>-27</b>	<b>-99</b>	

**Table 50 Comparison of Modal Share Origin-Destination Matrix by Motorcycle (% of Trips by Mode)**

**Mode of Travel:** Motorcycle

<i>Number of Trips from Origin to Destination by Mode and Motor Vehicle Availability</i>	<b>Workplace Destination</b>																				
	Wellington CBD	Wellington East	Wellington North	Wellington South	Wellington West	Tawa	Porirua	Whitby-Pukerua Bay	Lower Hutt Central	Lower Hutt North	Eastern Bays/Wainuiomata	Upper Hutt Central/South	Upper Hutt North	Paraparaumu	Waikanae	North Kapiti	Wairapara	Unidentified	Total		
<b>Usual Residence Origin</b>																					
Wellington CBD	0.1%	7.9%	-1.7%	1.2%	1.8%														-0.4%	-0.1%	
Wellington East	-0.2%	-0.2%		0.4%	0.0%		2.6%	12.5%	-0.6%										0.0%	-0.1%	
Wellington North	0.1%	0.5%	-0.2%	-0.3%	-1.6%		-0.1%		-0.1%	0.2%					7.7%				-0.3%	-0.2%	
Wellington South	0.1%	-0.5%	-0.2%	-0.3%	-1.2%		1.5%		-1.0%				-100.0%						-0.5%	-0.1%	
Wellington West	0.3%	0.4%	0.0%	-0.6%	-0.1%		0.2%		0.3%	-2.2%		0.3%		10.0%		-33.3%			1.3%	0.1%	
Tawa	0.5%	-0.1%	-1.0%		3.3%	-0.8%	-0.4%		0.9%											-0.1%	
Porirua	0.6%		-1.0%		-5.0%	-0.1%	-0.1%	1.3%	-0.2%	-5.0%		-5.6%								-0.1%	
Whitby-Pukerua Bay	0.0%	2.2%	-1.0%	-1.1%	-0.8%		0.0%	0.1%	0.0%			1.3%								0.0%	
Lower Hutt Central	-0.1%	-1.8%	-0.3%	0.8%	-2.4%				-0.1%	0.0%	-1.1%	-0.1%								-0.1%	
Lower Hutt North	0.1%	0.1%	-1.0%	0.1%		-1.3%			-0.2%	0.2%		0.0%								0.0%	
Eastern Bays/Wainuiomata	-0.5%	-2.6%		1.7%				-14.3%	-0.3%	-0.7%	-0.3%	-0.3%								-0.2%	
Upper Hutt Central/South	-0.3%	3.4%		-2.0%			-3.3%	-11.1%	-0.5%	0.0%		0.3%								0.0%	
Upper Hutt North	0.7%		-4.0%						0.2%	-0.8%		0.1%	0.6%							0.1%	
Paraparaumu	-0.5%	-4.2%		-2.2%			-0.7%	3.0%	0.7%					-0.3%	-1.1%					-0.3%	
Waikanae	-0.9%					9.1%	3.6%							-0.2%	-0.1%					0.0%	
North Kapiti								33.3%								-0.8%				-0.1%	-0.5%
Wairapara	0.2%								-1.9%								-0.1%			-0.6%	-0.3%
Total	0.1%	-0.2%	-0.2%	-0.2%	-0.3%	-0.4%	-0.2%	0.0%	-0.2%	0.0%	-0.3%	0.1%	0.4%	-0.3%	0.0%	-0.7%	-0.1%	-0.2%	-0.1%	-0.1%	

**Table 51 Comparison of Origin-Destination Matrix by Other Mode**

**Mode of Travel:** Other

<i>Number of Trips from Origin to Destination by Mode and Motor Vehicle Availability</i>	<b>Usual Residence Origin</b>																			
<b>Workplace Destination</b>	Wellington CBD	Wellington East	Wellington North	Wellington South	Wellington West	Tawa	Porirua	Whitby-Pukerua Bay	Lower Hutt Central	Lower Hutt North	Eastern Bays/Wainuiomata	Upper Hutt Central/South	Upper Hutt North	Paraparaumu	Waikanae	North Kapiti	Wairapara	Unidentified	Total	
Wellington CBD	18	0	0	0	-3		3		0										-3	21
Wellington East	-9	3	-6	-6	-6			-3	3			-3					3		-30	-48
Wellington North	-24	-3	9	3		0	3	3	0			-3		-3			3		-12	-36
Wellington South	-12	0	-3	-6	-3	3	-3	3	6		-3								-27	-42
Wellington West	0	0	-3	-3	-3	-3	3		0	-3		3							48	-21
Tawa	3		-3	-3		3	3	3												3
Porirua	-3	3	3			3	-12	0	-3		3			-3						-42
Whitby-Pukerua Bay	12		-3		3	3	3	6	3								-3			18
Lower Hutt Central	-6	3							-18	3	0									-33
Lower Hutt North	-9	3	3				0		-9	-3	-3									-51
Eastern Bays/Wainuiomata	-15	3	-3	0	-3		-3		-12		-6									-36
Upper Hutt Central/South	6				-3				-3			6								-18
Upper Hutt North	0	3		-3		-3			-6			-3	3							-18
Paraparaumu	0					-3			6					-3	-3					-15
Waikanae	-3						-3								-3					-9
North Kapiti	0																-6			-15
Wairapara	0											3						-9		-39
<b>Total</b>	<b>-45</b>	<b>15</b>	<b>3</b>	<b>-15</b>	<b>-12</b>	<b>3</b>	<b>-21</b>	<b>0</b>	<b>-30</b>	<b>0</b>	<b>-6</b>	<b>9</b>	<b>0</b>	<b>-6</b>	<b>0</b>	<b>-6</b>	<b>-6</b>	<b>-267</b>	<b>-378</b>	

**Table 52 Comparison of Modal Share Origin-Destination Matrix by Other Mode (% of Trips by Mode)**

**Mode of Travel:** Other

<i>Number of Trips from Origin to Destination by Mode and Motor Vehicle Availability</i>	Workplace Destination																			
	Wellington CBD	Wellington East	Wellington North	Wellington South	Wellington West	Tawa	Porirua	Whitby-Pukerua Bay	Lower Hutt Central	Lower Hutt North	Eastern Bays/Wainuiomata	Upper Hutt Central/South	Upper Hutt North	Paraparaumu	Waikanae	North Kapiti	Wairapara	Unidentified	Total	
<b>Usual Residence Origin</b>																				
Wellington CBD	-0.2%	-2.1%	-1.7%	-0.5%	-2.2%		6.3%		-0.5%										-1.7%	-0.3%
Wellington East	-0.1%	0.0%	-2.4%	-0.3%	-2.0%			-11.1%	0.5%			-3.2%					8.3%	-1.2%	-0.3%	
Wellington North	-0.3%	-0.9%	0.2%	0.3%		-0.1%	0.6%	2.8%	0.0%			-2.1%		-7.7%			6.3%	-0.5%	-0.2%	
Wellington South	-0.3%	-0.3%	-1.1%	-0.2%	-0.6%	2.7%	-1.3%	8.3%	0.7%		-9.1%							-0.9%	-0.3%	
Wellington West	0.0%	-0.2%	-0.6%	-0.3%	-0.1%	-3.6%	1.7%		-0.1%	-2.2%		3.3%						1.9%	-0.1%	
Tawa	0.1%		-1.0%	-1.6%		0.2%	0.4%	2.7%											0.0%	
Porirua	-0.2%	1.0%	0.5%			0.7%	-0.3%	-0.4%	-0.8%		33.3%			-6.3%					-0.6%	
Whitby-Pukerua Bay	0.4%		-1.0%		3.0%	1.0%	0.2%	0.2%	0.4%							-33.3%			0.1%	
Lower Hutt Central	-0.3%	1.5%							-0.3%	0.4%	0.2%								-0.3%	
Lower Hutt North	-0.2%	1.6%	0.9%					-0.5%	-0.1%	-0.1%	-2.0%								-0.3%	
Eastern Bays/Wainuiomata	-1.0%	2.9%	-2.0%	0.2%	-4.5%		-5.0%		-0.4%		-0.3%								-0.4%	
Upper Hutt Central/South	0.2%				-7.7%				-0.2%			0.1%							-0.2%	
Upper Hutt North	0.2%	7.7%		-3.4%		-11.1%			-0.6%			-0.1%	0.6%						-0.2%	
Paraparaumu	-0.1%					-3.6%			1.4%					-0.1%	-1.1%				-0.2%	
Waikanae	-1.2%						-3.4%								-0.3%				-2.1%	
North Kapiti	-0.9%															-0.4%			-1.2%	
Wairapara	-0.3%											1.8%					-0.1%	-1.2%	-0.3%	
Total	-0.2%	0.1%	0.0%	-0.2%	-0.2%	0.0%	-0.3%	-0.1%	-0.1%	0.0%	-0.2%	0.1%	-0.5%	-0.2%	0.0%	-0.3%	-0.1%	-0.9%	-0.2%	



**Table 53 Comparison of Origin-Destination Matrix by Did Not Go to Work on Census Day**

**Mode of Travel:** Did Not Go To Work on Census Day

<i>Number of Trips from Origin to Destination by Mode and Motor Vehicle Availability</i>	Workplace Destination																		Total
Usual Residence Origin	Wellington CBD	Wellington East	Wellington North	Wellington South	Wellington West	Tawa	Porirua	Whitby-Pukerua Bay	Lower Hutt Central	Lower Hutt North	Eastern Bays/Wainuiomata	Upper Hutt Central/South	Upper Hutt North	Paraparaumu	Waikanae	North Kapiti	Wairapara	Unidentified	Total
Wellington CBD	108	0	0	-3	-9	0	3		0	0		3		3	-3	3	-3	63	171
Wellington East	21	141	-6	24	3	0	6	3	-3	0	0	-3		3	3		-6	66	252
Wellington North	108	9	87	3	-3	0	18	0	18	6	3	3		-3	0	3	0	66	321
Wellington South	213	57	18	108	30	6	3	3	15	-3	3	-6		-6		-3	0	153	594
Wellington West	102	12	3	3	30	0	9	3	33	0	0	-6		6	-3	3	3	360	312
Tawa	24	3	-9	-6	0	27	9	9	24	0	3	6		0	-3		0		138
Porirua	54	9	24	15	6	0	54	15	21	0		-6		3	3	3	-3		288
Whitby-Pukerua Bay	6	6	18	6	6	3	30	87	-15	3	-6	9	3	-6	3	6	3		204
Lower Hutt Central	84	3	9	21	3	6	12	3	111	0	0	9	0	0		-3	0		354
Lower Hutt North	12	9	12	3	0	12	6	0	-96	66	0	24	0		3	-3	3		84
Eastern Bays/Wainuiomata	30	6	9	3	6	3	-3		75	6	42	-3		3	-3		0		207
Upper Hutt Central/South	60	3	3	0	6	6	6	3	51	9	0	153	3	0	-3		3		366
Upper Hutt North	0	3	3	3	3	3	-6	0	-18	-12	3	-84	15						-111
Paraparaumu	57	0	0	0	3	3	18	0	18	6	0	18	3	159	6	3	0		351
Waikanae	30	3	6	6	3		-3	3	6	-3		3		30	27	3		-84	150
North Kapiti	3		3	3	-3	-3	0		6	3	3	3		12	12	12	-3	45	105
Wairapara	21	0	0	0	-3	3	3		21	0	3	9		-3			330	117	492
Total	936	261	192	180	87	69	171	141	267	87	39	126	33	207	54	30	336	1077	4275

**Table 54 Comparison of Modal Share Origin-Destination Matrix by Did Not Go to Work on Census Day (% of Trips by Mode)**

**Mode of Travel:** Did Not Go To Work on Census Day

<i>Number of Trips from Origin to Destination by Mode and Motor Vehicle Availability</i>	<b>Workplace Destination</b>																		
	Wellington CBD	Wellington East	Wellington North	Wellington South	Wellington West	Tawa	Porirua	Whitby-Pukerua Bay	Lower Hutt Central	Lower Hutt North	Eastern Bays/Waimuimata	Upper Hutt Central/South	Upper Hutt North	Paraparaumu	Waikanae	North Kapiti	Wairapara	Unidentified	Total
<b>Usual Residence Origin</b>	Wellington CBD	Wellington East	Wellington North	Wellington South	Wellington West	Tawa	Porirua	Whitby-Pukerua Bay	Lower Hutt Central	Lower Hutt North	Eastern Bays/Waimuimata	Upper Hutt Central/South	Upper Hutt North	Paraparaumu	Waikanae	North Kapiti	Wairapara	Unidentified	Total
Wellington CBD	0.7%	-8.5%	-3.5%	-4.5%	-8.5%	-10.7%	6.3%		-1.5%	-1.7%		10.0%		-16.7%	-100.0%	50.0%	-25.0%	3.1%	0.5%
Wellington East	0.6%	2.9%	-2.6%	2.0%	1.2%	-1.0%	7.4%	12.5%	-0.9%	0.5%	-2.4%	-1.2%		12.2%	33.3%		-10.4%	-1.8%	1.5%
Wellington North	1.1%	0.7%	0.6%	0.2%	0.7%	-0.4%	2.7%	-1.3%	1.0%	4.1%	9.1%	0.9%		-7.7%	8.3%	37.5%	0.7%	1.8%	1.2%
Wellington South	1.5%	2.6%	2.2%	2.0%	5.8%	3.9%	2.5%	9.0%	0.9%	-0.4%	10.9%	-7.5%		-13.3%		-33.3%	-2.5%	3.6%	2.0%
Wellington West	1.1%	1.0%	0.2%	0.8%	1.3%	-0.9%	6.2%	6.3%	3.5%	0.2%	1.8%	-5.8%		20.0%	-25.0%	0.0%	8.2%	14.3%	1.6%
Tawa	1.2%	3.0%	-5.0%	-4.8%	-1.1%	1.9%	1.8%	3.7%	6.7%	2.1%	25.0%	13.3%		-10.4%	-33.3%		-16.7%		1.7%
Porirua	2.2%	3.8%	-2.4%	1.8%	6.0%	-1.7%	1.9%	3.0%	2.1%	-1.3%		-15.3%		-1.8%	33.3%	100.0%	-20.0%		1.7%
Whitby-Pukerua Bay	0.0%	2.3%	5.0%	1.8%	3.6%	-0.5%	2.3%	1.8%	-2.1%	3.9%	10.9%	3.8%	33.3%	-7.9%	33.3%	33.3%	15.0%		1.4%
Lower Hutt Central	0.5%	-0.2%	0.2%	4.9%	-0.7%	6.3%	7.2%	-0.9%	0.7%	0.2%	1.3%	0.6%	0.0%	-1.8%		-33.3%	-1.4%		0.6%
Lower Hutt North	1.7%	5.7%	2.5%	1.9%	2.0%	10.8%	1.4%	1.1%	0.2%	1.8%	4.7%	3.2%	-1.8%		50.0%	-50.0%	8.9%		1.1%
Eastern Bays/Waimuimata	1.4%	6.4%	1.1%	2.6%	7.1%	2.9%	-5.5%		2.2%	2.2%	2.6%	-3.5%		20.0%			4.2%		1.9%
Upper Hutt Central/South	1.5%	2.5%	-2.9%	-1.3%	8.1%	12.5%	1.6%	0.7%	1.6%	1.6%	-1.3%	2.3%	-1.0%	-5.0%	-33.3%		10.0%		1.7%
Upper Hutt North	2.3%	8.7%	2.3%	5.6%	11.1%	14.3%	-8.3%	0.0%	0.4%	-2.5%	25.0%	0.0%	2.7%						0.5%
Paraparaumu	2.6%	-3.3%	-2.1%	1.1%	4.9%	2.2%	3.3%	-2.4%	1.8%	10.0%	-8.3%	15.0%	50.0%	1.6%	0.8%	0.6%	-8.3%		1.9%
Waikanae	2.7%	5.7%	5.7%	10.0%	16.7%		-3.3%	11.1%	2.4%	-14.3%		14.3%		0.7%	0.8%	-1.5%		-11.8%	1.7%
North Kapiti	-2.4%		20.0%	11.1%	-33.3%	-33.3%	1.1%		14.3%	25.0%	100.0%	25.0%		-0.8%	5.4%	0.7%		4.3%	2.0%
Wairapara	0.5%	-5.2%	-1.8%	-5.4%	-20.0%	25.0%	14.3%		5.6%	0.0%	50.0%	4.3%		-100.0%			2.3%	2.4%	2.2%
Total	1.1%	2.4%	0.3%	1.4%	1.6%	1.2%	2.2%	2.5%	0.9%	1.5%	2.7%	1.3%	3.9%	1.1%	1.4%	1.2%	2.3%	2.0%	1.5%

**Table 55 Comparison of Origin-Destination Matrix by Work at Home**

**Mode of Travel:** Work at Home

<i>Number of Trips from Origin to Destination by Mode and Motor Vehicle Availability</i>	<b>Workplace Destination</b>																			
<b>Usual Residence Origin</b>	Wellington CBD	Wellington East	Wellington North	Wellington South	Wellington West	Tawa	Porirua	Whitby-Pukerua Bay	Lower Hutt Central	Lower Hutt North	Eastern Bays/Wainuiomata	Upper Hutt Central/South	Upper Hutt North	Paraparaumu	Waikanae	North Kapiti	Wairapara	Unidentified	Total	
Wellington CBD	102			6	3				3										12	114
Wellington East	9	132	-3	6	0				6						3				21	168
Wellington North	15	0	231	0	3	0	0	6	0										6	261
Wellington South	39	-3	3	180	0		3		3	-3		-3					3		33	267
Wellington West	33	0	3	-3	12	-3	3		6	0		-3		-3					42	54
Tawa	9		3	-3		66	0	3	3											75
Porirua	0	-3	3	3			33	0	-3			3		3				-3		69
Whitby-Pukerua Bay	18		0		3	3	6	123	0	0	-21		3							111
Lower Hutt Central	18	-3	-3	-3				0	171	3		3								207
Lower Hutt North	0	6	0		-3		3		-42	99	3	0	3				3			63
Eastern Bays/Wainuiomata	0	3	3						6	3	66	-3								75
Upper Hutt Central/South	9		3	3				-3	3	-3		96	-3							117
Upper Hutt North	3		3		3			3	3	3		-66	0							-69
Paraparaumu	12		-3	3			6		-3	3				153	6					192
Waikanae	3			-3			3		3					0	120				-15	144
North Kapiti	3	3				-3								0	3	12			3	24
Wairapara	3			3	3				-3								33		18	48
<b>Total</b>	<b>261</b>	<b>129</b>	<b>240</b>	<b>201</b>	<b>21</b>	<b>66</b>	<b>51</b>	<b>132</b>	<b>162</b>	<b>102</b>	<b>45</b>	<b>27</b>	<b>0</b>	<b>150</b>	<b>129</b>	<b>12</b>	<b>33</b>	<b>156</b>	<b>1926</b>	

**Table 56 Comparison of Modal Share Origin-Destination Matrix by Work at Home (% of Trips by Mode)**

**Mode of Travel:** Work at Home

<i>Number of Trips from Origin to Destination by Mode and Motor Vehicle Availability</i>	Work at Home																		
	Workplace Destination	Wellington CBD	Wellington East	Wellington North	Wellington South	Wellington West	Tawa	Porirua	Whitby-Pukerua Bay	Lower Hutt Central	Lower Hutt North	Eastern Bays/Wainuiomata	Upper Hutt Central/South	Upper Hutt North	Paraparaumu	Waikanae	North Kapiti	Wairapara	Unidentified
Usual Residence Origin	Wellington CBD	Wellington East	Wellington North	Wellington South	Wellington West	Tawa	Porirua	Whitby-Pukerua Bay	Lower Hutt Central	Lower Hutt North	Eastern Bays/Wainuiomata	Upper Hutt Central/South	Upper Hutt North	Paraparaumu	Waikanae	North Kapiti	Wairapara	Unidentified	Total
Wellington CBD	0.4%			2.4%	1.8%				1.4%							-100.0%		0.6%	0.3%
Wellington East	0.2%	2.2%	-1.2%	0.4%	0.0%				1.0%						33.3%			0.7%	1.0%
Wellington North	0.2%	-0.1%	3.6%	0.0%	0.6%	-0.1%	-0.1%	5.6%	0.0%									0.1%	1.1%
Wellington South	0.3%	-0.4%	0.7%	3.4%	0.0%		1.5%		0.3%	-1.6%		-2.9%					5.0%	0.8%	0.9%
Wellington West	0.4%	-0.2%	0.6%	-0.3%	1.0%	-3.6%	1.7%		0.8%	0.1%		-3.0%		-11.1%				1.7%	0.2%
Tawa	0.4%		0.9%	-1.6%		5.0%	0.0%	2.7%	0.9%										1.0%
Porirua	-0.1%	-2.6%	0.5%	1.0%			1.1%	-0.4%	-0.8%			3.4%		3.6%			-20.0%		0.4%
Whitby-Pukerua Bay	0.6%		-0.1%		3.0%	1.0%	0.4%	0.6%	0.0%	0.3%	-4.2%		33.3%						0.8%
Lower Hutt Central	0.4%	-1.8%	-1.1%	-0.8%				-3.1%	1.5%	0.4%		0.6%							0.5%
Lower Hutt North	0.1%	3.3%	-0.1%		-2.3%		1.8%		-0.6%	2.6%	2.6%	0.0%	12.5%				10.0%		0.6%
Eastern Bays/Wainuiomata	0.0%	2.9%	1.3%						0.2%	0.8%	4.0%	-1.9%							0.7%
Upper Hutt Central/South	0.4%		1.6%	1.8%				-11.1%	0.1%	-0.6%		1.2%	-2.9%						0.4%
Upper Hutt North	0.6%		3.1%		11.1%			10.0%	0.4%	1.4%		-2.8%	-1.7%						-0.2%
Paraparaumu	0.6%		-2.6%	2.4%			1.3%		-1.3%	5.0%				1.8%	2.0%				1.1%
Waikanae	0.0%			-7.7%			3.6%		2.7%					-0.3%	7.1%				-2.1%
North Kapiti	0.5%	25.0%												-0.8%	2.6%	0.6%			0.1%
Wairapara	-0.4%			5.0%	12.5%				-1.9%								-0.2%	0.2%	-0.6%
Total	0.4%	0.6%	1.3%	1.7%	0.3%	1.3%	0.7%	0.5%	0.6%	1.8%	3.2%	0.3%	-2.8%	0.9%	5.3%	-0.2%	-0.2%	0.3%	0.6%

**Table 57 Comparison of Origin-Destination Matrix by Not Stated**

**Mode of Travel:** Not Stated

<i>Number of Trips from Origin to Destination by Mode and Motor Vehicle Availability</i>	<b>Workplace Destination</b>																			
	Wellington CBD	Wellington East	Wellington North	Wellington South	Wellington West	Tawa	Porirua	Whitby-Pukerua Bay	Lower Hutt Central	Lower Hutt North	Eastern Bays/Wainuiomata	Upper Hutt Central/South	Upper Hutt North	Paraparaumu	Waikanae	North Kapiti	Wairapara	Unidentified	Total	
<b>Usual Residence Origin</b>																				
Wellington CBD	6	6	-3				-3		3										111	126
Wellington East	-12	15	0	9	0		-3		3		3	-3							-54	-33
Wellington North	-6	3	3	3	3		3		0								-3		-9	0
Wellington South	-18	6	3	36	3		3		0	-3							-3		-120	-99
Wellington West	15	0	0	3	9		3		3			-3		3		3			210	-54
Tawa	-6		3	0		0	3		0		3	-3								-3
Porirua	15	0	18	3	3	0	33	0	0	3					3					96
Whitby-Pukerua Bay	12		0	-3		-3	6	12	-3							3				18
Lower Hutt Central	-9	3	0	3	-3				30	0	-3	6		3						18
Lower Hutt North	3	6	3		3	0			12	33	3	-3								144
Eastern Bays/Wainuiomata	15	0		3			3		9	6	6	9		3		3				45
Upper Hutt Central/South	-3	3		3	-3		-3		-3	3	3	6	3							63
Upper Hutt North	3								-3	3	-3	0	0							-15
Paraparaumu	-3		-3			3	0		6					9	0	-3				-12
Waikanae	6						-3	-3						0	21				-63	36
North Kapiti	0													3	3	3			-12	-6
Wairapara	6	3															27		-3	33
<b>Total</b>	<b>30</b>	<b>42</b>	<b>30</b>	<b>57</b>	<b>18</b>	<b>-3</b>	<b>39</b>	<b>12</b>	<b>54</b>	<b>42</b>	<b>3</b>	<b>9</b>	<b>6</b>	<b>21</b>	<b>24</b>	<b>3</b>	<b>30</b>	<b>-57</b>	<b>354</b>	

**Table 58 Comparison of Modal Share Origin-Destination Matrix by Work at Home (% of Trips by Mode)**

**Mode of Travel:** Not Stated

<i>Number of Trips from Origin to Destination by Mode and Motor Vehicle Availability</i>	<b>Workplace Destination</b>																		
<b>Usual Residence Origin</b>	Wellington CBD	Wellington East	Wellington North	Wellington South	Wellington West	Tawa	Porirua	Whitby-Pukerua Bay	Lower Hutt Central	Lower Hutt North	Eastern Bays/Wainuiomata	Upper Hutt Central/South	Upper Hutt North	Paraparaumu	Waikanae	North Kapiti	Wairapara	Unidentified	Total
Wellington CBD	-0.1%	5.3%	-4.8%				-9.1%		1.4%									5.2%	1.0%
Wellington East	-0.2%	0.3%	0.0%	0.6%	0.0%		-2.0%		0.5%		14.3%	-3.2%						-2.5%	-0.2%
Wellington North	-0.1%	0.5%	-0.1%	0.3%	0.6%		0.5%		0.0%								-5.9%	-0.6%	-0.1%
Wellington South	-0.3%	0.2%	0.5%	0.7%	0.6%		1.5%		-0.1%	-1.6%							-6.3%	-4.0%	-0.7%
Wellington West	0.2%	-0.2%	0.0%	0.3%	0.3%		1.7%		0.3%			-3.0%		10.0%		16.7%		8.3%	-0.3%
Tawa	-0.3%		0.8%	-0.2%		0.0%	0.4%		-0.1%		25.0%	-11.1%							-0.1%
Porirua	0.7%	-0.8%	1.8%	0.4%	4.0%	-0.4%	1.1%	-0.7%	-0.5%	4.3%					33.3%				0.3%
Whitby-Pukerua Bay	0.4%		-0.1%	-1.1%		-1.1%	0.4%	0.4%	-0.4%							16.7%			0.1%
Lower Hutt Central	-0.3%	1.5%	-0.3%	0.8%	-2.4%				0.3%	0.0%	-1.3%	1.3%		12.5%					-0.3%
Lower Hutt North	0.2%	3.3%	0.9%		2.8%	-1.3%			0.4%	1.0%	2.6%	-0.5%							1.1%
Eastern Bays/Wainuiomata	0.8%	0.2%		1.7%			4.8%		0.3%	1.5%	0.4%	5.0%		20.0%		33.3%			0.4%
Upper Hutt Central/South	-0.3%	3.4%		1.8%	-7.7%		-3.3%		-0.3%	0.6%	7.7%	0.0%	2.4%						0.2%
Upper Hutt North	0.6%								-0.2%	1.4%	-14.3%	0.3%	-0.1%						0.2%
Paraparaumu	-0.3%		-2.6%			3.2%	-0.1%		1.4%					0.1%	-0.1%	-3.8%			-0.5%
Waikanae	1.2%						-3.4%	-16.7%						-0.3%	1.6%				-8.8%
North Kapiti	-0.9%													0.4%	2.6%	0.2%			-2.5%
Wairapara	1.1%	9.1%															0.2%	-1.2%	0.0%
Total	0.0%	0.4%	0.2%	0.5%	0.3%	-0.2%	0.5%	0.2%	0.2%	0.7%	0.3%	0.1%	0.8%	0.2%	1.3%	0.1%	0.2%	-1.1%	0.0%

**Table 59 Comparison of Residence Sector Journey to Work Trips by Mode**

<b>Journey to work trips by mode</b>											
	Private Auto	Company Auto	Passenger	Tran	Bus	Walk	Bicycle	Motorcycle	Other	Not stated	Total
Wellington CBD	147	-3	18	27	123	1,050	21	3	21	126	1,533
Wellington East	-105	-378	-273	-6	294	138	39	-21	-48	-33	-393
Wellington North	438	-480	-321	246	300	12	99	-24	-36	0	234
Wellington South	78	-252	-189	0	240	966	93	-15	-42	-99	780
Wellington West	-213	-432	-135	33	288	312	54	24	-21	-54	-144
Tawa	210	-129	-138	126	30	-18	-18	-6	3	-3	57
Porirua	696	-30	-96	93	18	36	-6	-6	-42	96	759
Whitby-Pukerua Bay	486	-237	-219	249	33	-81	6	0	18	18	273
Lower Hutt Central	1,242	33	-39	576	216	-87	-30	3	-33	18	1,899
Lower Hutt North	-612	-459	-231	-45	141	-60	-36	-9	-51	144	-1,218
Eastern Bays/Wainuiomata	99	-132	-153	48	54	-27	0	-21	-36	45	-123
Upper Hutt Central/South	762	78	-156	342	9	30	-78	9	-18	63	1,041
Upper Hutt North	-429	-222	-189	-114	-15	-81	-72	-6	-18	-15	-1,161
Paraparaumu	771	-18	-96	216	6	0	-45	-21	-15	-12	786
Waikanae	303	12	-24	99	27	-6	-6	6	-9	36	438
North Kapiti	234	33	9	36	-6	39	-39	-12	-15	-6	273
Wairapara	471	90	15	144	-3	-30	-126	-21	-39	33	534
<b>Total</b>	<b>4,587</b>	<b>-2,544</b>	<b>-2,217</b>	<b>2,064</b>	<b>1,752</b>	<b>2,193</b>	<b>-138</b>	<b>-99</b>	<b>-378</b>	<b>354</b>	<b>5,574</b>
Note: excludes did not work and worked at home											

**Table 60 Comparison of Residence Sector Journey to Work Trips Modal share**

<b>Percentage of trips by mode</b>											
	Private Auto	Company Auto	Passenger	Tram	Bus	Walk	Bicycle	Motorcycle	Other	Not stated	Total
Wellington CBD	-2.6%	-1.5%	-0.4%	0.2%	0.9%	2.8%	-0.1%	-0.1%	-0.4%	1.3%	0.0%
Wellington East	0.5%	-2.4%	-1.7%	0.0%	2.6%	1.2%	0.4%	-0.1%	-0.3%	-0.1%	0.0%
Wellington North	1.8%	-2.9%	-2.0%	1.3%	1.6%	0.0%	0.5%	-0.2%	-0.2%	0.0%	0.0%
Wellington South	-1.2%	-1.7%	-1.3%	0.0%	0.5%	4.4%	0.4%	-0.1%	-0.3%	-0.7%	0.0%
Wellington West	-1.0%	-2.8%	-0.8%	0.2%	2.1%	2.2%	0.4%	0.2%	-0.1%	-0.3%	0.0%
Tawa	3.4%	-2.5%	-2.6%	2.1%	0.5%	-0.4%	-0.3%	-0.1%	0.0%	-0.1%	0.0%
Porirua	3.9%	-1.1%	-2.3%	0.3%	-0.4%	0.0%	-0.1%	-0.1%	-0.6%	0.5%	0.0%
Whitby-Pukerua Bay	4.1%	-3.5%	-2.9%	2.6%	0.4%	-1.1%	0.1%	0.0%	0.2%	0.2%	0.0%
Lower Hutt Central	2.1%	-1.3%	-1.1%	2.1%	1.0%	-1.5%	-0.6%	-0.1%	-0.3%	-0.3%	0.0%
Lower Hutt North	0.4%	-2.0%	-1.0%	0.5%	1.3%	-0.1%	-0.1%	0.0%	-0.3%	1.3%	0.0%
Eastern Bays/Wainuiomata	2.0%	-1.4%	-1.7%	0.6%	0.8%	-0.3%	0.0%	-0.2%	-0.4%	0.6%	0.0%
Upper Hutt Central/South	2.2%	-0.6%	-2.4%	2.5%	-0.1%	-0.5%	-1.2%	0.0%	-0.3%	0.3%	0.0%
Upper Hutt North	5.4%	-0.9%	-2.1%	-0.9%	0.6%	-1.1%	-1.0%	0.1%	-0.2%	0.2%	0.0%
Paraparaumu	4.4%	-1.9%	-2.0%	1.9%	-0.1%	-0.5%	-0.8%	-0.3%	-0.3%	-0.5%	0.0%
Waikanae	2.1%	-2.5%	-1.8%	2.8%	0.7%	-1.0%	-0.6%	0.1%	-0.5%	0.7%	0.0%
North Kapiti	2.9%	-0.1%	-0.3%	1.2%	-0.3%	1.0%	-2.1%	-0.7%	-0.7%	-0.9%	0.0%
Wairapara	1.3%	0.2%	-0.1%	1.0%	-0.1%	-0.6%	-1.2%	-0.3%	-0.3%	0.1%	0.0%
<b>Total</b>	<b>1.1%</b>	<b>-1.9%</b>	<b>-1.5%</b>	<b>1.0%</b>	<b>0.8%</b>	<b>1.0%</b>	<b>-0.2%</b>	<b>-0.1%</b>	<b>-0.3%</b>	<b>0.1%</b>	<b>0.0%</b>

Note: excludes did not work and worked at home



**Table 61 Comparison of Residence Sector JTW Trips by Mode and Proportion**

Origin	Number			Proportion		
	Year 2001	Year 1996	Difference	Year 2001	Year 1996	Difference
<b>Private Auto</b>						
Wellington CBD	882	735	147	1.0%	0.9%	0.1%
Wellington East	6,579	6,684	-105	7.6%	8.2%	-0.6%
Wellington North	9,690	9,252	438	11.2%	11.3%	-0.1%
Wellington South	7,059	6,981	78	8.2%	8.5%	-0.4%
Wellington West	6,330	6,543	-213	7.3%	8.0%	-0.7%
Tawa	2,784	2,574	210	3.2%	3.1%	0.1%
Porirua	4,461	3,765	696	5.2%	4.6%	0.6%
Whitby-Pukerua Bay	4,713	4,227	486	5.4%	5.2%	0.3%
Lower Hutt Central	8,022	6,780	1242	9.3%	8.3%	1.0%
Lower Hutt North	7,578	8,190	-612	8.8%	10.0%	-1.2%
Eastern Bays/Wainuiomata	4,881	4,782	99	5.6%	5.8%	-0.2%
Upper Hutt Central/South	5,460	4,698	762	6.3%	5.7%	0.6%
Upper Hutt North	2,700	3,129	-429	3.1%	3.8%	-0.7%
Paraparaumu	4,650	3,879	771	5.4%	4.7%	0.6%
Waikanae	1,644	1,341	303	1.9%	1.6%	0.3%
North Kapiti	1,545	1,311	234	1.8%	1.6%	0.2%
Wairarapa	7,533	7,062	471	8.7%	8.6%	0.1%
<b>Total</b>	<b>86,517</b>	<b>81,930</b>	<b>4587</b>	<b>100.0%</b>	<b>100.0%</b>	
<b>Company Auto</b>	<b>Year 2001</b>	<b>Year 1996</b>	<b>Difference</b>	<b>Year 2001</b>	<b>Year 1996</b>	<b>Difference</b>
Wellington CBD	195	198	-3	1.1%	1.0%	0.1%
Wellington East	1,245	1,623	-378	6.9%	7.9%	-1.0%
Wellington North	1,809	2,289	-480	10.0%	11.1%	-1.1%
Wellington South	1,224	1,476	-252	6.8%	7.2%	-0.4%
Wellington West	939	1,371	-432	5.2%	6.6%	-1.5%
Tawa	558	687	-129	3.1%	3.3%	-0.2%
Porirua	681	711	-30	3.8%	3.4%	0.3%
Whitby-Pukerua Bay	1,314	1,551	-237	7.3%	7.5%	-0.3%
Lower Hutt Central	1,914	1,881	33	10.6%	9.1%	1.5%
Lower Hutt North	1,749	2,208	-459	9.7%	10.7%	-1.0%
Eastern Bays/Wainuiomata	999	1,131	-132	5.5%	5.5%	0.0%
Upper Hutt Central/South	1,263	1,185	78	7.0%	5.7%	1.2%
Upper Hutt North	645	867	-222	3.6%	4.2%	-0.6%
Paraparaumu	1,257	1,275	-18	6.9%	6.2%	0.8%
Waikanae	462	450	12	2.6%	2.2%	0.4%
North Kapiti	315	282	33	1.7%	1.4%	0.4%
Wairarapa	1,527	1,437	90	8.4%	7.0%	1.5%
<b>Total</b>	<b>18,090</b>	<b>20,634</b>	<b>-2,544</b>	<b>100.0%</b>	<b>100.0%</b>	
<b>Passenger</b>	<b>Year 2001</b>	<b>Year 1996</b>	<b>Difference</b>	<b>Year 2001</b>	<b>Year 1996</b>	<b>Difference</b>
Wellington CBD	123	105	18	1.1%	0.8%	0.3%
Wellington East	807	1,080	-273	7.3%	8.1%	-0.8%
Wellington North	1,368	1,689	-321	12.4%	12.7%	-0.4%
Wellington South	1,056	1,245	-189	9.5%	9.4%	0.2%
Wellington West	933	1,068	-135	8.4%	8.0%	0.4%
Tawa	306	444	-138	2.8%	3.3%	-0.6%
Porirua	978	1,074	-96	8.8%	8.1%	0.8%
Whitby-Pukerua Bay	432	651	-219	3.9%	4.9%	-1.0%
Lower Hutt Central	969	1,008	-39	8.8%	7.6%	1.2%
Lower Hutt North	972	1,203	-231	8.8%	9.1%	-0.3%
Eastern Bays/Wainuiomata	618	771	-153	5.6%	5.8%	-0.2%
Upper Hutt Central/South	636	792	-156	5.7%	6.0%	-0.2%
Upper Hutt North	285	474	-189	2.6%	3.6%	-1.0%
Paraparaumu	522	618	-96	4.7%	4.7%	0.1%
Waikanae	132	156	-24	1.2%	1.2%	0.0%
North Kapiti	138	129	9	1.2%	1.0%	0.3%
Wairarapa	792	777	15	7.2%	5.8%	1.3%
<b>Total</b>	<b>11,070</b>	<b>13,287</b>	<b>-2,217</b>	<b>100.0%</b>	<b>100.0%</b>	

## Comparison of Residence Sector JTW Trips by Mode and Proportion

Origin	Number			Proportion		
	Year 2001	Year 1996	Difference	Year 2001	Year 1996	Difference
<b>Train</b>						
Wellington CBD	69	42	27	0.6%	0.4%	0.2%
Wellington East	27	33	-6	0.2%	0.3%	-0.1%
Wellington North	1,137	891	246	9.6%	9.1%	0.5%
Wellington South	78	78	0	0.7%	0.8%	-0.1%
Wellington West	171	138	33	1.4%	1.4%	0.0%
Tawa	1,287	1,161	126	10.8%	11.8%	-1.0%
Porirua	789	696	93	6.6%	7.1%	-0.5%
Whitby-Pukerua Bay	1,242	993	249	10.5%	10.1%	0.3%
Lower Hutt Central	2,334	1,758	576	19.7%	17.9%	1.7%
Lower Hutt North	1,422	1,467	-45	12.0%	15.0%	-3.0%
Eastern Bays/Wainuiomata	360	312	48	3.0%	3.2%	-0.1%
Upper Hutt Central/South	1,134	792	342	9.6%	8.1%	1.5%
Upper Hutt North	234	348	-114	2.0%	3.5%	-1.6%
Paraparaumu	765	549	216	6.4%	5.6%	0.8%
Waikanae	210	111	99	1.8%	1.1%	0.6%
North Kapiti	84	48	36	0.7%	0.5%	0.2%
Wairarapa	528	384	144	4.4%	3.9%	0.5%
<b>Total</b>	<b>11,868</b>	<b>9,804</b>	<b>2,064</b>	<b>100.0%</b>	<b>100.0%</b>	
<b>Public Bus</b>						
Wellington CBD	312	189	123	2.1%	1.4%	0.7%
Wellington East	3,072	2,778	294	20.4%	20.9%	-0.5%
Wellington North	1,965	1,665	300	13.0%	12.5%	0.5%
Wellington South	3,780	3,540	240	25.1%	26.6%	-1.5%
Wellington West	2,463	2,175	288	16.3%	16.3%	0.0%
Tawa	63	33	30	0.4%	0.2%	0.2%
Porirua	594	576	18	3.9%	4.3%	-0.4%
Whitby-Pukerua Bay	99	66	33	0.7%	0.5%	0.2%
Lower Hutt Central	663	447	216	4.4%	3.4%	1.0%
Lower Hutt North	633	492	141	4.2%	3.7%	0.5%
Eastern Bays/Wainuiomata	708	654	54	4.7%	4.9%	-0.2%
Upper Hutt Central/South	216	207	9	1.4%	1.6%	-0.1%
Upper Hutt North	171	186	-15	1.1%	1.4%	-0.3%
Paraparaumu	153	147	6	1.0%	1.1%	-0.1%
Waikanae	72	45	27	0.5%	0.3%	0.1%
North Kapiti	12	18	-6	0.1%	0.1%	-0.1%
Wairarapa	93	96	-3	0.6%	0.7%	-0.1%
<b>Total</b>	<b>15,072</b>	<b>13,320</b>	<b>1,752</b>	<b>100.0%</b>	<b>100.0%</b>	
<b>Walk</b>						
Wellington CBD	3,333	2,283	1,050	19.7%	15.5%	4.2%
Wellington East	1,146	1,008	138	6.8%	6.8%	-0.1%
Wellington North	552	540	12	3.3%	3.7%	-0.4%
Wellington South	4,005	3,039	966	23.7%	20.6%	3.0%
Wellington West	3,012	2,700	312	17.8%	18.3%	-0.5%
Tawa	195	213	-18	1.2%	1.4%	-0.3%
Porirua	417	381	36	2.5%	2.6%	-0.1%
Whitby-Pukerua Bay	156	237	-81	0.9%	1.6%	-0.7%
Lower Hutt Central	1,110	1,197	-87	6.6%	8.1%	-1.6%
Lower Hutt North	438	498	-60	2.6%	3.4%	-0.8%
Eastern Bays/Wainuiomata	231	258	-27	1.4%	1.8%	-0.4%
Upper Hutt Central/South	723	693	30	4.3%	4.7%	-0.4%
Upper Hutt North	72	153	-81	0.4%	1.0%	-0.6%
Paraparaumu	351	351	0	2.1%	2.4%	-0.3%
Waikanae	111	117	-6	0.7%	0.8%	-0.1%
North Kapiti	162	123	39	1.0%	0.8%	0.1%
Wairarapa	915	945	-30	5.4%	6.4%	-1.0%
<b>Total</b>	<b>16,932</b>	<b>14,739</b>	<b>2,193</b>	<b>100.0%</b>	<b>100.0%</b>	

## Comparison of Residence Sector JTW Trips by Mode and Proportion

Origin	Number			Proportion		
	Year 2001	Year 1996	Difference	Year 2001	Year 1996	Difference
<b>Bicycle</b>						
Wellington CBD	87	66	21	2.2%	1.6%	0.6%
Wellington East	495	456	39	12.3%	10.9%	1.3%
Wellington North	303	204	99	7.5%	4.9%	2.6%
Wellington South	594	501	93	14.7%	12.0%	2.7%
Wellington West	402	348	54	10.0%	8.3%	1.6%
Tawa	45	63	-18	1.1%	1.5%	-0.4%
Porirua	66	72	-6	1.6%	1.7%	-0.1%
Whitby-Pukerua Bay	54	48	6	1.3%	1.1%	0.2%
Lower Hutt Central	432	462	-30	10.7%	11.1%	-0.4%
Lower Hutt North	252	288	-36	6.2%	6.9%	-0.7%
Eastern Bays/Wainuiomata	105	105	0	2.6%	2.5%	0.1%
Upper Hutt Central/South	297	375	-78	7.4%	9.0%	-1.6%
Upper Hutt North	57	129	-72	1.4%	3.1%	-1.7%
Paraparaumu	180	225	-45	4.5%	5.4%	-0.9%
Waikanae	57	63	-6	1.4%	1.5%	-0.1%
North Kapiti	60	99	-39	1.5%	2.4%	-0.9%
Wairarapa	549	675	-126	13.6%	16.2%	-2.6%
<b>Total</b>	<b>4,038</b>	<b>4,176</b>	<b>-138</b>	<b>100.0%</b>	<b>100.0%</b>	
<b>Motorcycle</b>						
Wellington CBD	21	18	3	1.3%	1.0%	0.2%
Wellington East	132	153	-21	8.0%	8.7%	-0.7%
Wellington North	183	207	-24	11.1%	11.8%	-0.7%
Wellington South	171	186	-15	10.3%	10.6%	-0.3%
Wellington West	156	132	24	9.4%	7.5%	1.9%
Tawa	30	36	-6	1.8%	2.1%	-0.2%
Porirua	48	54	-6	2.9%	3.1%	-0.2%
Whitby-Pukerua Bay	48	48	0	2.9%	2.7%	0.2%
Lower Hutt Central	111	108	3	6.7%	6.2%	0.5%
Lower Hutt North	120	129	-9	7.2%	7.4%	-0.1%
Eastern Bays/Wainuiomata	54	75	-21	3.3%	4.3%	-1.0%
Upper Hutt Central/South	90	81	9	5.4%	4.6%	0.8%
Upper Hutt North	45	51	-6	2.7%	2.9%	-0.2%
Paraparaumu	51	72	-21	3.1%	4.1%	-1.0%
Waikanae	24	18	6	1.4%	1.0%	0.4%
North Kapiti	27	39	-12	1.6%	2.2%	-0.6%
Wairarapa	342	363	-21	20.7%	20.7%	0.0%
<b>Total</b>	<b>1,656</b>	<b>1,755</b>	<b>-99</b>	<b>100.0%</b>	<b>100.0%</b>	
<b>Total</b>						
Wellington CBD	5,262	3,771	1,491	3.1%	2.3%	0.8%
Wellington East	13,836	13,950	-114	8.1%	8.6%	-0.5%
Wellington North	17,814	17,115	699	10.4%	10.5%	-0.1%
Wellington South	18,546	17,118	1,428	10.8%	10.5%	0.3%
Wellington West	15,345	15,309	36	8.9%	9.4%	-0.4%
Tawa	5,469	5,307	162	3.2%	3.3%	-0.1%
Porirua	7,614	6,684	930	4.4%	4.1%	0.3%
Whitby-Pukerua Bay	8,655	8,094	561	5.0%	5.0%	0.1%
Lower Hutt Central	15,720	14,094	1,626	9.2%	8.6%	0.5%
Lower Hutt North	13,080	14,379	-1,299	7.6%	8.8%	-1.2%
Eastern Bays/Wainuiomata	8,298	8,184	114	4.8%	5.0%	-0.2%
Upper Hutt Central/South	10,053	8,796	1,257	5.9%	5.4%	0.5%
Upper Hutt North	4,164	5,319	-1,155	2.4%	3.3%	-0.8%
Paraparaumu	8,361	7,164	1,197	4.9%	4.4%	0.5%
Waikanae	2,973	2,361	612	1.7%	1.4%	0.3%
North Kapiti	2,415	2,097	318	1.4%	1.3%	0.1%
Wairarapa	14,058	13,308	750	8.2%	8.2%	
<b>Total</b>	<b>171,657</b>	<b>163,059</b>	<b>8,598</b>	<b>100.0%</b>	<b>100.0%</b>	

Note: excludes unidentified trips.

**Table 62 Comparison of Workplace Sector Journey to Work Trips by Mode**

Journey to work trips by mode																			
Workplace Destination	Wellington CBD	Wellington East	Wellington North	Wellington South	Wellington West	Tawa	Porirua	Whitby-Pukerua Bay	Lower Hutt Central	Lower Hutt North	Eastern Bays/Wainuiomata	Upper Hutt Central/South	Upper Hutt North	Paraparaumu	Waikanae	North Kapiti	Wairapara	Unidentified	Total
Mode																			
Private Auto	-96	354	669	9	18	150	90	282	603	-99	-147	240	30	516	42	45	162	1,722	4,587
Company Auto	-1,623	-27	66	-159	3	-3	-120	42	-405	-63	-33	-78	6	33	0	0	-24	-159	-2,544
Passenger	-1,314	-69	21	-108	-51	6	-144	-12	-213	-27	-39	-102	-6	6	-21	9	-30	-120	-2,217
Train	1,638	-18	9	-9	24	15	27	27	9	-48	0	0	3	27	-3	0	21	333	2,064
Bus	1,080	84	51	12	3	36	-42	18	153	15	-9	-6	3	21	-6	0	-21	375	1,752
Walk	2,121	21	-9	126	-66	9	-27	-72	-84	-27	-33	-75	-6	24	3	36	-36	270	2,193
Bicycle	321	21	12	3	-9	-6	-12	-3	-39	-27	-12	-96	0	-30	-6	-36	-93	-129	-138
Motorcycle	63	-6	-12	-18	-18	-9	-12	3	-48	0	-9	12	3	-12	0	-12	0	-27	-99
Other	-45	15	3	-15	-12	3	-21	0	-30	0	-6	9	0	-6	0	-6	-6	-267	-378
Not Stated	30	42	30	57	18	-3	39	12	54	42	3	9	6	21	24	3	30	-57	354
Total	2,175	417	840	-102	-90	198	-222	297	0	-234	-285	-87	39	600	33	39	3	1,941	5,574

Note: excludes did not work and worked at home

**Table 63 Comparison of Workplace Sector Journey to Work Trips Modal share**

Percentage of trips by mode																			
Workplace Destination	Wellington CBD	Wellington East	Wellington North	Wellington South	Wellington West	Tawa	Porirua	Whitby-Pukerua Bay	Lower Hutt Central	Lower Hutt North	Eastern Bays/Waiuimata	Upper Hutt Central/South	Upper Hutt North	Paraparaumu	Waikanae	North Kapiti	Wairapara	Unidentified	Total
Mode																			
Private Auto	-1.6%	2.0%	2.9%	0.8%	1.7%	1.1%	3.6%	5.3%	2.8%	0.9%	1.5%	4.1%	1.9%	3.2%	1.9%	1.6%	1.7%	2.9%	1.1%
Company Auto	-3.3%	-1.3%	-1.2%	-1.8%	0.2%	-1.4%	-1.5%	0.0%	-1.9%	-0.6%	0.0%	-1.0%	-0.4%	-1.2%	-0.4%	-0.3%	-0.3%	-1.5%	-1.9%
Passenger	-2.8%	-1.6%	-0.7%	-1.2%	-1.2%	-0.3%	-1.9%	-1.5%	-1.0%	-0.2%	-1.2%	-1.3%	-2.0%	-0.7%	-2.1%	0.5%	-0.3%	-0.8%	-1.5%
Train	2.5%	-0.4%	-0.3%	-0.1%	0.7%	0.4%	0.5%	1.0%	0.0%	-0.8%	0.1%	0.0%	0.6%	0.5%	-0.3%	0.0%	0.2%	0.8%	1.0%
Bus	1.4%	0.9%	0.4%	0.2%	0.3%	1.4%	-0.5%	0.8%	0.7%	0.5%	0.1%	-0.1%	0.5%	0.3%	-0.6%	0.0%	-0.2%	0.8%	0.8%
Walk	3.5%	-0.4%	-1.1%	1.6%	-1.3%	-0.1%	-0.2%	-5.6%	-0.4%	-0.2%	-0.2%	-0.9%	-2.3%	-0.5%	0.0%	2.5%	-0.4%	0.4%	1.0%
Bicycle	0.5%	0.1%	0.0%	0.1%	-0.2%	-0.4%	-0.2%	-0.4%	-0.2%	-0.5%	-0.4%	-1.3%	-0.3%	-1.3%	-0.7%	-2.9%	-1.0%	-0.6%	-0.2%
Motorcycle	0.1%	-0.2%	-0.3%	-0.2%	-0.4%	-0.5%	-0.2%	0.1%	-0.2%	0.0%	-0.4%	0.2%	0.7%	-0.4%	0.0%	-1.0%	0.0%	-0.1%	-0.1%
Other	-0.1%	0.2%	0.0%	-0.2%	-0.3%	0.1%	-0.3%	-0.2%	-0.1%	0.0%	-0.1%	0.1%	-0.1%	-0.2%	0.0%	-0.5%	-0.1%	-1.0%	-0.3%
Not Stated	0.0%	0.6%	0.3%	0.7%	0.5%	-0.2%	0.7%	0.4%	0.2%	0.9%	0.6%	0.1%	1.3%	0.3%	2.2%	0.2%	0.3%	-1.0%	0.1%
Total	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

Note: excludes did not work and worked at home

**Table 64 Comparison of Workplace Sector JTW Trips by Mode and Proportion**

Destination	Number			Proportion		
	Year 2001	Year 1996	Difference	Year 2001	Year 1996	Difference
<b>Private Auto</b>						
Wellington CBD	18,954	19,050	-96	26.1%	27.3%	-1.2%
Wellington East	3,429	3,075	354	4.7%	4.4%	0.3%
Wellington North	3,768	3,099	669	5.2%	4.4%	0.7%
Wellington South	4,839	4,830	9	6.7%	6.9%	-0.3%
Wellington West	2,082	2,064	18	2.9%	3.0%	-0.1%
Tawa	1,494	1,344	150	2.1%	1.9%	0.1%
Porirua	4,098	4,008	90	5.6%	5.8%	-0.1%
Whitby-Pukerua Bay	1,266	984	282	1.7%	1.4%	0.3%
Lower Hutt Central	13,473	12,870	603	18.6%	18.5%	0.1%
Lower Hutt North	2,925	3,024	-99	4.0%	4.3%	-0.3%
Eastern Bays/Wainuiomata	978	1,125	-147	1.3%	1.6%	-0.3%
Upper Hutt Central/South	4,689	4,449	240	6.5%	6.4%	0.1%
Upper Hutt North	246	216	30	0.3%	0.3%	0.0%
Paraparaumu	2,916	2,400	516	4.0%	3.4%	0.6%
Waikanae	708	666	42	1.0%	1.0%	0.0%
North Kapiti	828	783	45	1.1%	1.1%	0.0%
Wairarapa	5,862	5,700	162	8.1%	8.2%	-0.1%
<b>Total</b>	<b>72,551</b>	<b>69,690</b>	<b>2,861</b>	<b>100.0%</b>	<b>100.0%</b>	
<b>Company Auto</b>						
Wellington CBD	3,138	4,761	-1,623	23.2%	29.9%	-6.7%
Wellington East	612	639	-27	4.5%	4.0%	0.5%
Wellington North	933	867	66	6.9%	5.5%	1.5%
Wellington South	735	894	-159	5.4%	5.6%	-0.2%
Wellington West	228	225	3	1.7%	1.4%	0.3%
Tawa	333	336	-3	2.5%	2.1%	0.4%
Porirua	618	738	-120	4.6%	4.6%	-0.1%
Whitby-Pukerua Bay	267	225	42	2.0%	1.4%	0.6%
Lower Hutt Central	3,174	3,579	-405	23.5%	22.5%	1.0%
Lower Hutt North	675	738	-63	5.0%	4.6%	0.4%
Eastern Bays/Wainuiomata	180	213	-33	1.3%	1.3%	0.0%
Upper Hutt Central/South	687	765	-78	5.1%	4.8%	0.3%
Upper Hutt North	81	75	6	0.6%	0.5%	0.1%
Paraparaumu	588	555	33	4.4%	3.5%	0.9%
Waikanae	150	150	0	1.1%	0.9%	0.2%
North Kapiti	138	138	0	1.0%	0.9%	0.2%
Wairarapa	975	999	-24	7.2%	6.3%	0.9%
<b>Total</b>	<b>13,515</b>	<b>15,900</b>	<b>-2,385</b>	<b>100.0%</b>	<b>100.0%</b>	
<b>Passenger</b>						
Wellington CBD	4,026	5,340	-1,314	44.5%	47.9%	-3.4%
Wellington East	264	333	-69	2.9%	3.0%	-0.1%
Wellington North	405	384	21	4.5%	3.4%	1.0%
Wellington South	402	510	-108	4.4%	4.6%	-0.1%
Wellington West	180	231	-51	2.0%	2.1%	-0.1%
Tawa	159	153	6	1.8%	1.4%	0.4%
Porirua	483	627	-144	5.3%	5.6%	-0.3%
Whitby-Pukerua Bay	75	87	-12	0.8%	0.8%	0.0%
Lower Hutt Central	1,377	1,590	-213	15.2%	14.3%	1.0%
Lower Hutt North	297	324	-27	3.3%	2.9%	0.4%
Eastern Bays/Wainuiomata	93	132	-39	1.0%	1.2%	-0.2%
Upper Hutt Central/South	399	501	-102	4.4%	4.5%	-0.1%
Upper Hutt North	21	27	-6	0.2%	0.2%	0.0%
Paraparaumu	237	231	6	2.6%	2.1%	0.5%
Waikanae	45	66	-21	0.5%	0.6%	-0.1%
North Kapiti	84	75	9	0.9%	0.7%	0.3%
Wairarapa	504	534	-30	5.6%	4.8%	0.8%
<b>Total</b>	<b>9,045</b>	<b>11,142</b>	<b>-2,097</b>	<b>100.0%</b>	<b>100.0%</b>	<b>0.0%</b>

## Comparison of Workplace Sector JTW Trips by Mode and Proportion

Destination	Number			Proportion		
	Year 2001	Year 1996	Difference	Year 2001	Year 1996	Difference
<b>Train</b>						
Wellington CBD	8,508	6,870	1,638	81.8%	79.3%	2.5%
Wellington East	30	48	-18	0.3%	0.6%	-0.3%
Wellington North	177	168	9	1.7%	1.9%	-0.2%
Wellington South	156	165	-9	1.5%	1.9%	-0.4%
Wellington West	126	102	24	1.2%	1.2%	0.0%
Tawa	78	63	15	0.8%	0.7%	0.0%
Porirua	216	189	27	2.1%	2.2%	-0.1%
Whitby-Pukerua Bay	72	45	27	0.7%	0.5%	0.2%
Lower Hutt Central	537	528	9	5.2%	6.1%	-0.9%
Lower Hutt North	126	174	-48	1.2%	2.0%	-0.8%
Eastern Bays/Wainuiomata	12	12	0	0.1%	0.1%	0.0%
Upper Hutt Central/South	210	210	0	2.0%	2.4%	-0.4%
Upper Hutt North	6	3	3	0.1%	0.0%	0.0%
Paraparaumu	66	39	27	0.6%	0.5%	0.2%
Waikanae	6	9	-3	0.1%	0.1%	0.0%
North Kapiti	9	9	0	0.1%	0.1%	0.0%
Wairarapa	60	39	21	0.6%	0.5%	0.1%
<b>Total</b>	<b>10,395</b>	<b>8,660</b>	<b>1,735</b>	<b>100.0%</b>	<b>100.0%</b>	
<b>Public Bus</b>						
Wellington CBD	9,198	8,118	1,080	71.1%	70.2%	0.9%
Wellington East	477	393	84	3.7%	3.4%	0.3%
Wellington North	213	162	51	1.6%	1.4%	0.2%
Wellington South	687	675	12	5.3%	5.8%	-0.5%
Wellington West	342	339	3	2.6%	2.9%	-0.3%
Tawa	66	30	36	0.5%	0.3%	0.3%
Porirua	303	345	-42	2.3%	3.0%	-0.6%
Whitby-Pukerua Bay	33	15	18	0.3%	0.1%	0.1%
Lower Hutt Central	1,017	864	153	7.9%	7.5%	0.4%
Lower Hutt North	165	150	15	1.3%	1.3%	0.0%
Eastern Bays/Wainuiomata	66	75	-9	0.5%	0.6%	-0.1%
Upper Hutt Central/South	162	168	-6	1.3%	1.5%	-0.2%
Upper Hutt North	12	9	3	0.1%	0.1%	0.0%
Paraparaumu	81	60	21	0.6%	0.5%	0.1%
Waikanae	18	24	-6	0.1%	0.2%	-0.1%
North Kapiti	9	9	0	0.1%	0.1%	0.0%
Wairarapa	87	108	-21	0.7%	0.9%	-0.3%
<b>Total</b>	<b>12,933</b>	<b>11,556</b>	<b>1,377</b>	<b>100.0%</b>	<b>100.0%</b>	
<b>Walk</b>						
Wellington CBD	7,806	5,685	2,121	53.5%	44.9%	8.6%
Wellington East	567	546	21	3.9%	4.3%	-0.4%
Wellington North	369	378	-9	2.5%	3.0%	-0.5%
Wellington South	1,152	1,026	126	7.9%	8.1%	-0.2%
Wellington West	654	720	-66	4.5%	5.7%	-1.2%
Tawa	135	126	9	0.9%	1.0%	-0.1%
Porirua	312	339	-27	2.1%	2.7%	-0.5%
Whitby-Pukerua Bay	114	186	-72	0.8%	1.5%	-0.7%
Lower Hutt Central	1,053	1,137	-84	7.2%	9.0%	-1.8%
Lower Hutt North	303	330	-27	2.1%	2.6%	-0.5%
Eastern Bays/Wainuiomata	168	201	-33	1.2%	1.6%	-0.4%
Upper Hutt Central/South	594	669	-75	4.1%	5.3%	-1.2%
Upper Hutt North	30	36	-6	0.2%	0.3%	-0.1%
Paraparaumu	315	291	24	2.2%	2.3%	-0.1%
Waikanae	90	87	3	0.6%	0.7%	-0.1%
North Kapiti	141	105	36	1.0%	0.8%	0.1%
Wairarapa	783	819	-36	5.4%	6.5%	-1.1%
<b>Total</b>	<b>14,598</b>	<b>12,675</b>	<b>1,923</b>	<b>100.0%</b>	<b>100.0%</b>	

## Comparison of Workplace Sector JTW Trips by Mode and Proportion

Destination	Number			Proportion		
	Year 2001	Year 1996	Difference	Year 2001	Year 1996	Difference
<b>Bicycle</b>						
Wellington CBD	1,218	897	321	35.9%	26.4%	9.5%
Wellington East	195	174	21	5.7%	5.1%	0.6%
Wellington North	69	57	12	2.0%	1.7%	0.4%
Wellington South	162	159	3	4.8%	4.7%	0.1%
Wellington West	75	84	-9	2.2%	2.5%	-0.3%
Tawa	27	33	-6	0.8%	1.0%	-0.2%
Porirua	57	69	-12	1.7%	2.0%	-0.3%
Whitby-Pukerua Bay	18	21	-3	0.5%	0.6%	-0.1%
Lower Hutt Central	480	519	-39	14.1%	15.3%	-1.1%
Lower Hutt North	93	120	-27	2.7%	3.5%	-0.8%
Eastern Bays/Wainuiomata	30	42	-12	0.9%	1.2%	-0.4%
Upper Hutt Central/South	264	360	-96	7.8%	10.6%	-2.8%
Upper Hutt North	12	12	0	0.4%	0.4%	0.0%
Paraparaumu	147	177	-30	4.3%	5.2%	-0.9%
Waikanae	33	39	-6	1.0%	1.1%	-0.2%
North Kapiti	51	87	-36	1.5%	2.6%	-1.1%
Wairarapa	465	558	-93	13.7%	16.4%	-2.7%
<b>Total</b>	<b>3,393</b>	<b>3,402</b>	<b>-9</b>	<b>100.0%</b>	<b>100.0%</b>	
<b>Motorcycle</b>						
Wellington CBD	525	462	63	38.3%	32.0%	6.3%
Wellington East	72	78	-6	5.3%	5.4%	-0.2%
Wellington North	30	42	-12	2.2%	2.9%	-0.7%
Wellington South	72	90	-18	5.3%	6.2%	-1.0%
Wellington West	27	45	-18	2.0%	3.1%	-1.1%
Tawa	9	18	-9	0.7%	1.2%	-0.6%
Porirua	33	45	-12	2.4%	3.1%	-0.7%
Whitby-Pukerua Bay	12	9	3	0.9%	0.6%	0.3%
Lower Hutt Central	132	180	-48	9.6%	12.5%	-2.8%
Lower Hutt North	39	39	0	2.8%	2.7%	0.1%
Eastern Bays/Wainuiomata	3	12	-9	0.2%	0.8%	-0.6%
Upper Hutt Central/South	72	60	12	5.3%	4.2%	1.1%
Upper Hutt North	3		3	0.2%	0.0%	0.2%
Paraparaumu	21	33	-12	1.5%	2.3%	-0.8%
Waikanae	6	6	0	0.4%	0.4%	0.0%
North Kapiti	21	33	-12	1.5%	2.3%	-0.8%
Wairarapa	288	288	0	21.0%	20.0%	1.0%
<b>Total</b>	<b>1,371</b>	<b>1,443</b>	<b>-72</b>	<b>100.0%</b>	<b>100.0%</b>	
<b>Total</b>						
Wellington CBD	60,393	57,021	3,372	35.2%	35.0%	0.2%
Wellington East	7,557	6,744	813	4.4%	4.1%	0.3%
Wellington North	8,184	6,912	1,272	4.8%	4.2%	0.5%
Wellington South	10,665	10,386	279	6.2%	6.4%	-0.2%
Wellington West	5,229	5,208	21	3.0%	3.2%	-0.1%
Tawa	2,967	2,634	333	1.7%	1.6%	0.1%
Porirua	7,617	7,608	9	4.4%	4.7%	-0.2%
Whitby-Pukerua Bay	2,952	2,376	576	1.7%	1.5%	0.3%
Lower Hutt Central	25,233	24,807	426	14.7%	15.2%	-0.5%
Lower Hutt North	6,024	6,066	-42	3.5%	3.7%	-0.2%
Eastern Bays/Wainuiomata	2,370	2,577	-207	1.4%	1.6%	-0.2%
Upper Hutt Central/South	8,850	8,784	66	5.2%	5.4%	-0.2%
Upper Hutt North	690	624	66	0.4%	0.4%	0.0%
Paraparaumu	6,054	5,094	960	3.5%	3.1%	0.4%
Waikanae	1,746	1,530	216	1.0%	0.9%	0.1%
North Kapiti	1,935	1,863	72	1.1%	1.1%	0.0%
Wairarapa	13,191	12,828	363	7.7%	7.9%	-0.2%
<b>Total</b>	<b>171,657</b>	<b>163,059</b>	<b>8,598</b>	<b>100.0%</b>	<b>100.0%</b>	

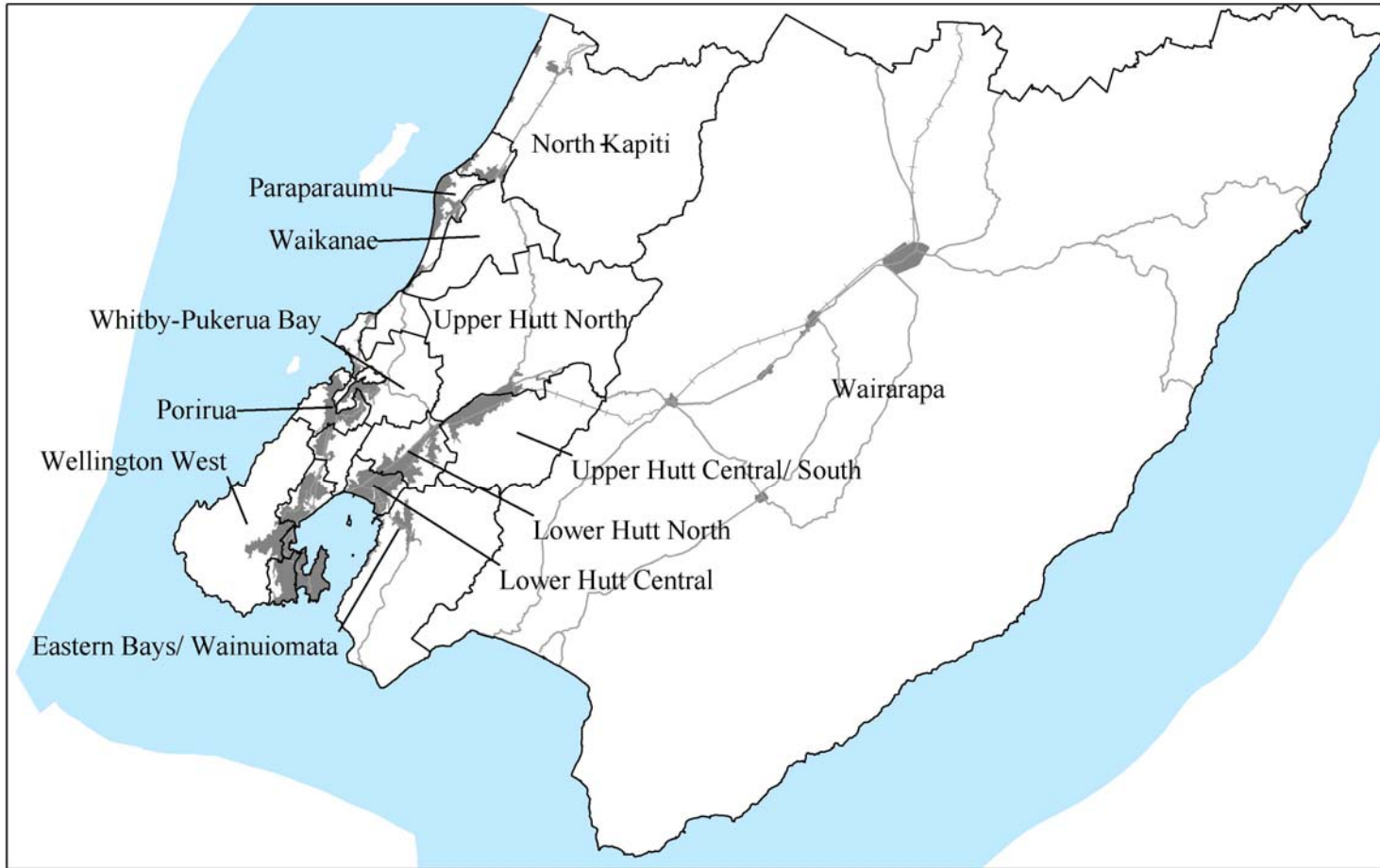
Note: excludes unidentified trips.



**Table 65 Comparison of Self Sufficiency**

Residence	Number			Propotion		
	Year 2001	Year 1996	Difference	Year 2001	Year 1996	Difference
Wellington CBD	4,215	3,018	1,197	32.9%	24.2%	8.7%
Wellington East	4,080	3,828	252	31.9%	30.7%	1.2%
Wellington North	4,239	3,807	432	33.1%	30.5%	2.6%
Wellington South	4,539	4,395	144	35.5%	35.3%	0.2%
Wellington West	2,949	3,018	-69	23.0%	24.2%	-1.2%
Tawa	1,179	1,158	21	9.2%	9.3%	-0.1%
Porirua	3,252	3,336	-84	25.4%	26.8%	-1.4%
Whitby-Pukerua Bay	2,022	1,623	399	15.8%	13.0%	2.8%
Lower Hutt Central	8,163	8,463	-300	63.8%	67.9%	-4.1%
Lower Hutt North	3,078	3,837	-759	24.0%	30.8%	-6.7%
Eastern Bays/Wainuiomata	1,839	1,986	-147	14.4%	15.9%	-1.6%
Upper Hutt Central/South	4,791	4,944	-153	37.4%	39.7%	-2.2%
Upper Hutt North	483	456	27	3.8%	3.7%	0.1%
Paraparaumu	4,632	4,032	600	36.2%	32.3%	3.8%
Waikanae	1,236	1,080	156	9.7%	8.7%	1.0%
North Kapiti	1,626	1,611	15	12.7%	12.9%	-0.2%
Wairapara	12,801	12,465	336	100.0%	100.0%	

## **Appendix D Maps of Journey to Work Sectors**



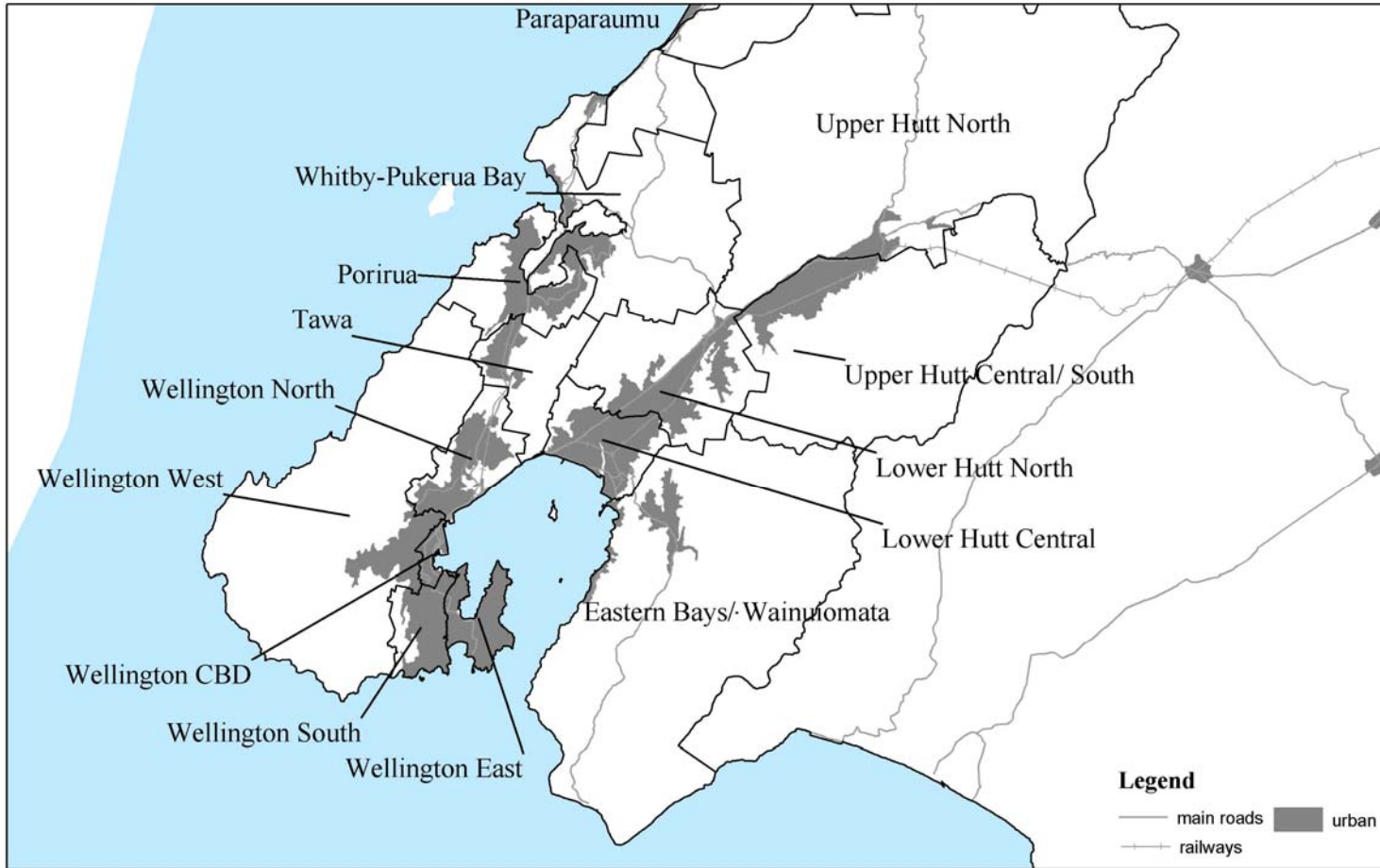
**Wellington Regional Council  
Journey to Work Sectors**

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0 5 10 20 30 40 Kilometres

1:600,000





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0 2.5 5 10 15 20 Kilometres

1:300,000

