## TDG

# Wellington Regional Council 

## Household Travel Survey Questionnaire

## Review of Previous Surveys

April 2015

# Wellington Regional Council 

## Household Travel Survey Questionnaire

## Review of Previous Surveys

## Quality Assurance Statement

## Prepared by:

Grant Smith


Reviewed by:
Tony Penny


Director

Approved for Issue by:
quelei hallentyme
Julie Ballantyne
Technical Director

| Status: | Final report Rev 1 |
| :--- | :--- |
| Date: | 5 May 2015 |

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Summary of Questions

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## 1. Recent NZ Household Interview Surveys

### 1.1 Introduction

TDG have been tasked by Wellington Regional Council to compare the MoT, Wellington, Auckland, and Waikato Household Travel Surveys (HTS) in order to prepare a set of questions that will form the basis of the next round of surveys in Wellington, Auckland, Waikato, and possibly Christchurch. The intention is to supplement the new MoT surveys with additional samples in the main centres.

From this analysis, this report postulates a new set of questions that could be used nationwide and in discussion with WRC and MoT, form the basis of the new MoT HTS.

The deliverables were to be a short report covering the data collected in each HTS, a comparison of key differences, and a recommended minimum common set of questions that will meet the requirements of the Regional Authorities (WRC in particular) and also those of the MoT, while recognising that the MoT has a wider remit than that of the Regional Councils.

### 1.2 The Surveys

In recent years, Home Interview Surveys have been undertaken in:

- Wellington 2001
- Auckland 2006
- Christchurch 2007
- Waikato 2008
- Dunedin 2014
- MoT rolling surveys (to 2014)

This review looks at the questions asked in Auckland, Wellington, Waikato and the MoT surveys. Wellington, Auckland and the MoT used traditional paper based survey methods, while the Waikato survey used computer aided interview technology, meaning that there were a minimum of survey forms and the data collected in Waikato has been taken from the final dataset and coding frames.

The Wellington and Auckland surveys were very similar in form and content, and the survey forms used were also similar, although they were carried out by different firms.

The MoT surveys have been carried out for many years, and at one stage Opus were contracted to collect the data. They used computer aided interviews. When their contract ended in 2008, they won the contract to collect the Waikato data. They used the same data collection software, and the Waikato questions are very similar to the MoT questions, although some questions were omitted.

Since the Opus contract ended, Research International have been collecting the MoT data, using computer aided interviews, but with the questions well documented on paper. Their forms have been used in this comparison.

Each survey also included several specific questions which were of interest to general transport planning, but were not necessarily relevant to calibration of transport models

A summary of the questions used in each survey is included as Appendix A.

The Wellington, Auckland and MoT survey forms are included as Appendix B.
The Waikato data fields are included as Appendix C. The questions to obtain that data can be inferred from the MoT forms.

## 2. Recommended Questions

### 2.1 General

There are several basic points to bear in mind when designing a household travel survey. In general:

- The sample should be drawn randomly from the households within a model area. That has occurred for the Wellington, Auckland and Waikato surveys, but the MoT chose meshblocks at random throughout the country, and then sampled from within those meshblocks. In subsequent years, additional households were surveyed from the same meshblocks until all households in the meshblock had been surveyed, at which time a new meshblock was chosen. This method prevents a household from being surveyed more than once, but if the MoT survey is to be supplemented in other urban areas then a more random sampling process will be needed.
- The number of questions should be kept to a minimum. Only essential questions should be asked. For example, a question that how many kilometres driven in a lifetime is of little use to a model builder.
- Only questions that have a factual response should be asked.
- The survey day should start at 4:00am.
- It should not be assumed that the first trip of the day begins at home

The questions below are stated generally, but will be made more specific as coding frames are developed. Questions in bold italics are not currently included in the MoT Research International survey forms.

### 2.2 Questions Relating to the Household

The questions and data related to the household:

1. Household address
2. The survey day and date
3. Household type (eg. single person, couple, family with children, family adults only)
4. Number of people living in the household including visitors who are staying long term
5. Some form of identification of each person (generally the first name) to relate to the person questions in 2.3
6. The number of vehicles available to household members
7. The number of bikes in working order at the household (optional)

### 2.3 Questions Relating To People

Questions for each person in the household:

## 1. Name

2. Age
3. Gender
4. Currently a student (eg. full, part, primary, secondary, tertiary)
5. If a student, address of the school/university (optional)
6. Employment status (eg. self-employed, full, part, casual, unemployed, working at home, homemaker, retired)
7. Professional driver (don't collect work related trips)
8. What kind of work do you do
9. ANZSIC classification of the industry that you work in
10. Were any trips made on the survey day. If not, record why. If yes, collect the trip related data outlined in 2.5.

### 2.4 Questions Relating To Motor Vehicles

Each vehicle needs to be uniquely identified. One of the logic checks is to ensure that if a vehicle leaves home, then it returns back to the home unless there a specific reasons why not. Data typically recorded includes:

1. Make
2. Model
3. Plate number or year ( to uniquely identify the vehicle)
4. Body type (includes motorcycles)
5. Who owns the vehicle
6. Who pays for the running costs
7. Was the vehicle available for use on the survey day

### 2.5 Trip Data

The trip data is arguably the most important part of the survey, and the most difficult to collect accurately. People have a tendency to forget even when they have been given a memory jogger to fill in. Short trips in particular are easily forgotten, such as leaving the office to buy lunch for example.

Data required is:

1. Where were you at 4:00am - detailed address
2. What time did you leave that address
3. Where did you go
4. What time did you arrive there
5. How did you travel
6. Why did you go to the destination (eg. work, school, shopping, home, change mode, serve passenger)
7. What sort of place is it (eg. shop, residence, office, bus stop, station) ${ }^{1}$
8. If car driver:
(i) which vehicle did you use
(ii) where did you park
(iii) what parking fee did you personally pay
9. If public transport:
(i) what was the fare
(ii) what fare type did you pay

Repeat questions 2-9 until the end of all trips in a day up to 4:00am the next day.

[^0]
## Appendix A

## Summary of Questions

| NZ HOUSEHOLD TRAVEL SURVEYS |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Wellington | Auckland | Waikato | MOT |
| Household Data |  |  |  |  |
| Travel date | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ |
| Household address | $\checkmark$ |  | $\checkmark$ |  |
| Household type |  | $\checkmark$ | $\checkmark$ | $\checkmark$ |
| How many people live there | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ |
| How many visitors | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ |
| House ownership |  | $\checkmark$ |  |  |
| How long has the household lived at this address |  | $\checkmark$ |  |  |
| Are you planning on moving within 12 months |  | $\checkmark$ |  |  |
| Is anyone planning to change job location within 12 months |  | $\checkmark$ |  |  |
| How many bicycles that are used regularly | $\checkmark$ |  |  |  |
| How many bicycles |  | $\checkmark$ | $\checkmark$ | $\checkmark$ |
| How many bikes were used in last 14 days |  | $\checkmark$ |  |  |
| How many motor vehicles available | $\checkmark$ |  | $\checkmark$ | $\checkmark$ |
| Vehicle Data |  |  |  |  |
| Vehicle type | $\checkmark$ | $\checkmark$ |  | $\checkmark$ |
| Make and model | $\checkmark$ |  |  | $\checkmark$ |
| Year |  |  |  | $\checkmark$ |
| Ownership (private/company) | $\checkmark$ | $\checkmark$ |  | $\checkmark$ |
| Payment of running costs (private/company) |  | $\checkmark$ |  |  |
| Payment of parking costs if used for work |  | $\checkmark$ |  |  |
| Was vehicle available on survey day |  | $\checkmark$ |  |  |
| Person Data |  |  |  |  |
| Person Number or name (oldest often person 1) | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ |
| Year of birth (age) | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ |
| Gender | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ |
| Resident or visitor | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ |
| Relationship to Person 1 | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ |
| Ethnic group |  |  | $\checkmark$ | $\checkmark$ |
| Country of birth |  | $\checkmark$ |  |  |
| Drivers licence (currency and type) | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ |
| Currently employed | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ |
| Currently studying | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ |
| More than one job |  |  | $\checkmark$ | $\checkmark$ |



## NZ HOUSEHOLD TRAVEL SURVEYS

was a park fee paid

Travel by Public Transport:
What type of ticket was used (single/return etc)

Full fare or concession
What time did you arrive

Miscellaneous questions on the last trip by public transport (not on survey day):

When did you last make a PT trip
What type of PT did you use
What type of place were you coming from
Where did the PT part of the trip start What time did you start your trip What type of place were you going to Where did the PT part of the trip finish What time did you end your trip What type of ticket was used (single/return etc)

Full fare or concession
What was the purpose of the trip

## Miscellaneous detailed questions on alcohol

Miscellaneous questions on other travel Have you ridden a bike in the last 12 months In the last 4 weeks, how often have you ridden a bike

In the last 12 months, have you used PT In the last 4 weeks, how often have you used PT Estimate of kilometres driven in life

How many kilometres driven in the last 12 months

Miscellaneous personal questions
Do you live with a partner
Ethnic group

## Notes:

Some questions appear to have been included twice, but have been couched differently Highlighted ticks $\checkmark$ are included in the recommended minimum common set.

## Appendix B

## Wellington, Auckland and MoT Survey Forms

## WELLINGTON 2001 HTS FORMS

## HOUSEHOLD QUESTIONNAIRE

Meshblock No.
Questionnaire No.
$\qquad$


SUMMARY OF CALLS MADE TO HOUSEHOLD

|  | Before Travel |  |  |
| :--- | :--- | :--- | :--- |
|  | Date | Time | Outcome |
| 1 |  |  |  |
| 2 |  |  |  |
| 3 |  |  |  |
| 4 |  |  |  |
| 5 |  |  |  |
| 6 |  |  |  |
| 7 |  |  |  | before travel: Total duration for all

after travel interviews:

Q1 Is there a telephone in the household?


## OUTCOME SYMROLS

## $I=\operatorname{lnterview}$

$R=$ Refiusal
$\mathrm{NR}=\mathrm{No}$ reply ( call back)
NA = Not available (make appointment)
APPT $=$ Appointment
$\mathrm{V}=$ Vaceant dwelling
$\mathrm{L}=$ Language
$0=$ Other (specify)

Q2a. Can you tell me all the registered motor vehicles used by this household, which are usually parked at or near your home overnight? That is, all cars, vans, trucks, motor cycles and any other vehicles.


Q2b. What is the body type of these vehicles? (Prompt if necessary)

| Car/SW | 4 wheel drive | Van/Ute |
| :--- | :--- | :--- |
| Truck | MotorBike. | Other (specify) |

Q2c. And the make and model?

1. Could you tell me how many people usually live here, including yourself?
2. How many visitors are likely to be staying at this address on the night before the travel day?

Don't know $\square$
3. Now we would like a brief profile on everyone who usually lives at this address, even if they will be away on the Travel Day, plus any visitor who may be stayirig here on the night before the Travel Day. Starting with the oldest person.

| Person Number | Oldest Person $1$ | 2nd Oldest Person $\qquad$ | 3rd Oldest Person $\qquad$ 3 |
| :---: | :---: | :---: | :---: |
| First Name |  |  |  |
| Year of Birth |  |  |  |
| Gender | Male - $1 \quad$ Female - 2 | Male - $1 \quad$ Female - 2 | Male-1 Female - 2 |
| Relationship to Person 1 |  |  |  |
| Resident or Visitor? | Resident - $1 \quad$ Visitor - 2 | Resident-1 Visitor-2 | Resident-1 Visitor-2 |
| Driver's Licence (Circle as many categories as apply) (SHOW CARD Z) |  | Learner Car Licence .............................. 1 Restricted Car Licence ....................... 3 Full Car Licence ......................... 4 Learner Motorcycle Licence ........... 5 Restricted Motorcycle Licence ....... 5 Full Motorcycle Licence .................. 6 Other Licence ............................... 7 No Licence .................................... 8 | Learner Car Licence ........................ 1 Restricted Car Licence .................... 2 Full Car Licence ......................... 3 Learner Motorcycle Licence ........... 4 Restricted Motorcycle Licence ........ 5 Full Motorcycle Licence .................. 6 Other Licence .................................. 7 No Licence .......................................... |
| Dmployment, studying and other activities (tick as many categories as apply to each person) |  |  |  |
| Currently <br> Employed | Paid full time work $\qquad$ .1 <br> Paid part time work $\qquad$ <br> Paid casual/sporadic work $\qquad$ | Paid full time work $\qquad$ <br> Paid part time work $\qquad$ <br> Paid casual/sporadic work $\qquad$ 3 | Paid full time work $\qquad$ .1 <br> Paid part time work $\qquad$ <br> Paid casual/sporadic work $\qquad$ |
| Currently at Educational Institute | Primary School ................................ 1 Intermediate School ...................... 2 Secondary School ......................... 3 University/Polytech full time ......... 4 University/Polytech part time .......... 5 Other full time study ................... 6 Other part time study ................ 7 | Primary School ................................ 1 <br> Intermediate School .......................... 2 <br> Secondary School ............................ 3 <br> University/Polytech full time .......... 4 <br> University/Polytech part time .......... 5 <br> Other full time study ........................ 6 <br> Other part time study $\qquad$ | Primary School .................................. 1 Intermediate School ..................... 2 Secondary School ...................... 3 University/Polytech full time ......... 4 University/Polytech part time .......... 5 Other full time study ..................... 6 Other part time study ................ 7 |
| Any other activities | At pre-school ...................................... 1 Not yet at school ......................... 2 Homemaker ............................................ Currently unemployed ............... 5 Sickness/ACC Beneficiary ............... 6 Retired .................................... |  |  |
| Dmployment Details (Complete this section only for those "currently employed"; otherwise leave blank) |  |  |  |
| Work <br> Arrangements |  | Fixed hours $\qquad$ 1 <br> Flexible hours $\qquad$ .2 <br> Rostered shifts $\qquad$ 3 <br> Work from home $\qquad$ 4 |  |
| Type of Employment | $\begin{aligned} & \text { Paid Employee .................................. } 1 \\ & \text { Self employed and not } \\ & \text { employing others ............................... } 2 \end{aligned}$ | Paid Employee $\qquad$ <br> Self employed and not employing others $\qquad$ 2 | Paid Employee $\qquad$ <br> Self employed and not employing others .2 $\qquad$ |
|  | Employer of other employees <br> in my own business $\qquad$ 3 <br> Family business without pay ........... 4 <br> Volunteer. $\qquad$ | Employer of other employees <br> in my own business $\qquad$ 3 <br> Family business without pay $\qquad$ 4 <br> Volunteer $\qquad$ 5 | Employer of other employees <br> in my own business ........................ 3 <br> Family business without pay ........... 4 <br> Volunteer. $\qquad$ |
| Occupation What kind of work does this person do? |  |  |  |
| Industry What type of industry, business or service is carried out where this person works? |  |  |  |


| Person Number | 4th Oldest Person $\qquad$ 4 | 5th Oldest Person $\qquad$ 5 | 6th Oldest Person $6$ |
| :---: | :---: | :---: | :---: |
| First Name |  |  |  |
| Year of Birth |  |  |  |
| Gender | Male - $1 \quad$ Female - 2 | Male - $1 \quad$ Female - 2 | Male - 1 Female - 2 |
| Relationship to Person 1 |  |  |  |
| Resident or Visitor? | Resident-1 Visitor - 2 | Resident-1 Visitor-2 | Resident-1 Visitor - 2 |
| Driver's Licence (Circle as many categories as apply) (SHOW CARD Z) | Learner Car Licence ........................ 1 <br> Restricted Car Licence .................... 2 <br> Full Car Licence .............................. 3 <br> Learner Motorcycle Licence ............ 4 <br> Restricted Motorcycle Licence ........ 5 <br> Full Motorcycle Licence ................... 6 <br> Other Licence ................................... 7 <br> No Licence ..................................... 8 | Learner Car Licence ........................ 1 <br> Restricted Car Licence .................... 2 <br> Full Car Licence ............................. 3 <br> Learner Motorcycle Licence ............ 4 <br> Restricted Motorcycle Licence ........ 5 <br> Full Motorcycle Licence .................. 6 <br> Other Licence $\qquad$ <br> No Licence $\qquad$ | Learner Car Licence ........................ 1 <br> Restricted Car Licence ..................... 2 <br> Full Car Licence .............................. 3 <br> Learner Motorcycle Licence ............ 4 <br> Restricted Motorcycle Licence ........ 5 <br> Full Motorcycle Licence .................. 6 <br> Other Licence ................................. 7 <br> No Licence $\qquad$ |
| Employment, studying and other activities (tick as many categories as apply to each person) |  |  |  |
| Currently <br> Employed | Paid full time work ............................... 1 Paid part time work .................. 2 Paid casual/sporadic work ............ 3 | Paid full time work ........................... 1 Paid part time work ................... 2 Paid casual/sporadic work ............. 3 | Paid full time work .................................. 1 Paid part time work .................. 3 Paid casual/sporadic work ........... 3 |
| Currently at Educational Institute | Primary School $\qquad$ <br> Intermediate School $\qquad$ .2 <br> Secondary School $\qquad$ <br> University/Polytech full time .......... 4 <br> University/Polytech part time .......... 5 <br> Other full time study .......................... 6 <br> Other part time study ......................... 7 | Primary School $\qquad$ 1 <br> Intermediate School $\qquad$ <br> Secondary School $\qquad$ <br> University/Polytech full time .......... 4 <br> University/Polytech part time .......... 5 <br> Other full time study ....................... 6 <br> Other part time study $\qquad$ | Primary School $\qquad$ <br> Intermediate School $\qquad$ <br> Secondary School $\qquad$ <br> University/Polytech full time .......... 4 <br> University/Polytech part time .......... 5 <br> Other full time study $\qquad$ <br> Other part time study $\qquad$ |
| Any other activities |  | At pre-school $\qquad$ <br> Not yet at school .............................. 2 <br> Homemaker .................................... 3 <br> Currently unemployed ..................... 4 <br> Sickness/ACC Beneficiary .............. 5 <br> Retired $\qquad$ <br> Other (Please write in) |  |
| Employment Details (Complete this section only for those "currently employed"; otherwise leave blank) |  |  |  |
| Work <br> Arrangements |  | Fixed hours ............................................ 1 Flexible hours ........................... 3 Rostered shifts ................................... 4 |  |
| Type of Employment | Paid Employee ................................ 1 Self employed and not employing others ........................... 2 | Paid Employee ................................ 1 Self employed and not employing others ............................ 2 | Paid Employee ................................ 1 Self employed and not employing others ............................ 2 |
|  | Employer of other employees <br> in my own business ........................ 3 <br> Family business without pay ........... 4 <br> Volunteer. $\qquad$ | Employer of other employees <br> in my own business ......................... 3 <br> Family business without pay ........... 4 <br> Volunteer $\qquad$ | Employer of other employees <br> in my own business ........................ 3 <br> Family business without pay ........... 4 <br> Volunteer. $\qquad$ |
| Occupation What kind of work does this person do? |  |  |  |
| Industry <br> What type of industry <br> butinessor service is carried <br> out where this person work |  |  |  |

## READ OUT:

A. Each household in the survey has been assigned one or two travel days.

Your household's day(s) is/are $\qquad$ and $\qquad$ .
B. Will you or anyone in the household be driving for a living on that day/either of those days?

C. Please look at this card X and tell me which category that person would fit into?

Category 1-1 Category 2-2
TAAD OVER MIEMORV JOGGERS FOR MACII PERSON IN SURVEY.
MAKD APPOINIMIDNIS FOR ALL CALLBACK VISIIS (PRDFBR ABLY AP-FIHE SAMID TIME). CHECK YOU HAVE PHONE NUMBER(S).

APPOINTMENTS FOR CALLBACKS: (Record timeldate of any phone contacts)

| Time | Date |
| :--- | :--- |
|  |  |
|  |  |$\quad$| Time | Date |
| :--- | :--- | :--- | :--- | :--- |$\quad$|  | Time |  |
| :--- | :--- | :--- |
|  |  |  |

## RESPONSE REPORT FOR PERSONS AGED 5 YEARS \& OVER

(Complete when all Trip Questionnaires are completed)
Number of people in household aged 5 years and over
Number of people in household who completed Trip Questionnaire


Number of people in household who did not complete Trip Questionnaire $\square$

## COMMENTS ON TRIP QUESTIONNAIRES NOT COMPLETED

Complete boxes and also give name and reason/explanation for refusal or non-completion of Trip Questionnaire, e.g. sickness/death/overseas, etc.

Residents refusing/too ill


Person numbers: $\qquad$
Visitors refusing/too ill $\square$ Person numbers: $\qquad$
Residents not at this dwelling for any of the 24 hours of Travel Day (i.e. 4am to 4 am ) $\square \quad$ Person numbers: $\qquad$ Other (Record)

## CERTIFICATION:

I hereby certify that this is a true and accurate record of an interview conducted by me at the time and place specified.
Interviewer Name: $\qquad$
(Please print)
Sign: $\qquad$ Date: $\qquad$

Supervisor Sign: $\qquad$
$\qquad$
$\square$
The Travel Day is $\square$

First, write in the Person Number, their First Name and the Date of the Travel Day.


## INTERVIEWER: READ OUT

- Include all travel over the whole day, from 4 a.m. on the Travel Day till 4 a.m. the next day.
- Even short trips, like walking to lunch and back, are important.
- Even if you did not leave the house on the Travel Day, please tell us why, because this is important information as well.


## Now continue here:

1. Where were you at 4 a.m. on this Travel Day?


Number


Street Name
$\square$
Suburb \& Town/District/RD No.
2. At what time (after 4 a.m.) did you begin the first trip of the day?


Now turn the page to Stop 1

If person did not leave the house at all on this Travel Day, record the reason below.

If the respondent did not leave the house at all on this Travel Day, ask:
"When did you last leave the house prior to the Travel Day?"
Day $\square$
$\square$

## STOP 1

## A WHAT WAS STOP 1?

WHERE DID YOU GO \& HOW? DID YOU MAKE ANY STOPS ON THE WAY?

A bus stop 01
A ferry terminal ............... 02
A train station .................. 03
Name of Station/Ferry Terminal

My workplace .................. 04
Another workplace .......... 05
Pre-school/Childcare ....... 06
Primary School ................ 07
Secondary School ............ 08
University/Polytechnic .... 09
This home ........................ 10
Some other home .............. 11
Carpark building/space .... 12
Shops/mall/retail .............. 13
Medical/dental/
personal business place .... 14
Sport/recreation/
entertainment/eating venue
Elsewhere (please describe) 16
$\square$

## B WHERE WAS STOP 1?

(Record full address and/or other details)

| Number | This home |
| :---: | :---: |
| Street Name |  |

Suburb/Town/District
$\square$

School/Shop/Business Name/ Type of business

Adjacent Building/Landmark
$\square$
Nearest Intersection

## C $\begin{aligned} & \text { WHY DID YOU } \\ & \text { GO TO STOP 1? }\end{aligned}$

## PRIVATE VEHICLE TRIP DETAILS

Was the vehicle used on this trip listed on the Red Household Questionnaire?

$$
\text { Yes - } 1 \quad \text { No }-2
$$

If so, what was the number of that vehicle on the Red Household Questionnaire?


If the vehicle was not listed on the Red Household Questionnaire, was it a...?

Company Car
$\qquad$

Rental Car $\qquad$
Private Car $\qquad$
Something else $\qquad$

someone .....  11
It's home ..... 12

To park or pick up vehicle .. 13
Other (Please specify) ....... 14
$\square$

## D <br> HOW DID YOU GET TO STOP 1 ?

(Circle one only)
Walking ........................ 01
Bicycle ......................... 02
Taxi (as passenger) ...... 03
Go to Question G
Car - as driver ............... 04
Car - as passenger ........ 05
Taxi - as driver .............. 06
Motorcycle .................... 07
Truck - as driver .......... 08
Truck - as passenger .... 09
Go to Question E

Train 10

Ferry 11
School Bus 12

Public Bus ..................... 13


Other Method (Please specify) 14

Go to Question G

## STOP 14

## A SHAT WAS STOP 14?

WHERE DID YOU GO \& HOW? DID YOU MAKE ANY STOPS ON THE WAY?

A bus stop ........................ 01
A ferry terminal ............... 02
A train station .................. 03
Name of Station/Ferry Terminal

My workplace ................... 04
Another workplace .......... 05
Pre-school/Childcare ....... 06
Primary School ................. 07
Secondary School ............. 08
University/Polytechnic .... 09
This home ......................... 10
Some other home .............. 11
Carpark building/space .... 12
Shops/mall/retail .............. 13
Medical/dental/
personal business place .... 14
Sport/recreation/ entertainment/eating venue

Elsewhere (please describe) 16
$\square$

## B <br> WHERE WAS STOP 14 ?

(Record full address and/or other details)


Suburb/Town/District

School/Shop/Business Name/ Type of business


Adjacent Building/Landmark
$\square$

Nearest Intersection

## C <br> WHY DID YOU GO TO STOP 14 ?

(Circle one only)
To get on or off a bus, train or ferry 01

Was the vehicle used on this trip listed on the Red Household Questionnaire?
It's my workplace ..... 02
Pick up or deliver goods for work ..... 03
On employer's/client's business. ..... 04
For education ..... 05
Shopping/petrol .....  .06
For a social visit

$\qquad$ ..... 07
For recreation, entertainment, eating, sport or holiday ..... 08
Medical/dental or other personal business ..... 09
To accompany someone ..... 10
To drop off or pick up someone

$\qquad$ ..... 11
It's home ..... 12
To park or pick up vehicle .. .....  13Other (Please specify)....... 14
$\square$

D
HOW DID YOU GET TO STOP 14 ?
(Circle one only)
Walking ..... 01
Bicycle ..... 02
Taxi (as passenger) ..... 03
Go to Question G
$\qquad$04
Car - as passenger ..... 05
Taxi - as driver ..... 06
Motorcycle ..... 07
Truck - as driver ..... 08
Truck - as passenger ..... 09
Co to Question E
Train ..... 10
Ferry ..... 11
School Bus ..... 12
Public Bus ..... 13
Bus Route Number/NameGo to Question FOther Method (Please specify) 14

$$
\text { Yes - } 1 \quad \text { No }-2
$$

If so, what was the number of that vehicle on the Red Household Questionnaire?


If the vehicle was not listed on the Red Household Questionnaire, was it a...?

$$
\text { Company Car .................... } 1
$$

Rental Car ..... 2
Private Car ..... 3
Something else

$\qquad$ ..... 4

How many people, including the driver, were in the vehicle?

From your household
From outside your household

Where was the vehicle parked at this stop?
Residential Property ........ 1
Public unmetered on street/at kerb $\qquad$ .2
Public unmetered off street/on lot .3

Public metered on street ....... 4
Paid carpark (bldg/lot) ..... 5
Work/employer's carpark . 6
Customer Carpark/
Forecourt/Drive-thru .7

Vehicle not parked/ dropping off and picking up passengers ...... 8

Was a parking fee paid?
No fee paid .................... 1
Go to Question G
Go to another Trip Questionnaire to continue "stops"

Did you make any trips by Public
Transport on cither of your Travel
Day(s)?
Yes
 $\Rightarrow$ GO TO O. 12

No $\square$
Q. 1 When did you LAST make a trip by Public Transport in the WRC Region that is in the last 12 months? By public transport, we mean bus, school bus, charter bus, train, cable car or ferry. (Please give as accurate a date as you can remember.)


OR I haven't made a trip by Public Transport in the Wellington Region in the last 12 months.


## GO 100.12

Q. 2 What type of Public Transport did you use on your last trip by public transport in the WRC region?

Train ................... 1
Ferry ................... 2
School Bus .......... 3
Public Bus .......... 4
Charter Bus ......... 5
Q. 3 What type of place were you coming from?

Workplace
School/place of education ................. 2
My home ......................................... 3
Other home ...................................... 4
Shopping location ............................. 5
Medical/Dental/personal business .... 6
Sports/entertainment venue .............. 7
Other (Please describe) .................... 8

Q. 4 Where did the public transport part of that trip start?
Number


Street Name
$\qquad$
Suburb/Town


Nearest intersection, place or landmark
$\square$
Q. 5 What time did you start your trip?

Q. 6 What type of place were you going to?

Workplace .......................................... 1
School/place of education ................. 2
My home .......................................... 3
Other home ...................................... 4
Shopping location ............................. 5
Medical/Dental/personal business .... 6
Sports/entertainment venue .............. 7
Other (Please describe) ..................... 8

Q. 7 Where did the public transport part of that trip finish?
Number
Street Name


Suburb/Town


Nearest intersection, place or landmark


## Q. 8 What time did you end your

 trip?
Q. 9 What type of ticket did you use on that trip?
Single ticket-1
Return ticket - 2
Day tripper ticket - 3
Multiple day ticket - 4
Other-5 (Specify)

Q. 10 Was this ticket a ...?

Adult-fare ticket - 1
Child-fare ticket-2
Student-fare ticket - 3
Concession-fare ticket-4

## Q. 11 What was the purpose of this journey which included public transport?

To go to work ................................. 01
On employer's business ................. 02
Education ...................................... 03
Shopping ....................................... 04
A social visit.................................. 05
Recreation/entertainment/
sport/holiday, etc. ........................ 06
Medical/dental or other
personal business .......................... 07
To accompany someone ................. 08
To drop off or pick up someone ..... 09
To go home ................................... 10
Other (Specify) ................................ 11
$\square$
Check if born prior to $1986 \rightarrow$ Ask Q. 12
If born 1986, check whether
15 years old $\longrightarrow$ Ask Q. 12
If born after $1986 \longrightarrow$ Thank \& Close
Q. 12 (HAND OVER INCOME CARD Y)

Finally, the Census earlier this year asked people to say which of these groups their income from all sources fell into for the year ending 31st March, this year. Would you please call out the number opposite the group yours fell into? (Circle the number)

| 01 | 02 | 03 | 04 | 05 | 06 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 07 | 08 | 09 | 10 | 11 | 12 |
| 13 | Declined - 14 | Don't know - 15 |  |  |  |

## AUCKLAND 2006 HTS FORMS

## Travel Day Form

## How to fill in this form

- This questionnaire is about your travel and activities on one particular Travel Day.


## Your Travel Day is

 MONDAYFirst, write in your Person Number (from the Red Person Form), your First Name and the Date of your Travel Day.
Person

Number $\quad$| First |
| ---: |
| Name |$\square \quad$ Date of Travel Day $\quad$ / /

- Include all travel over the whole day, from 4 a.m. on your Travel Day until 4 a.m the next day.
- Even short pieces of travel like walking to lunch and back, are important and should be recorded.
- If you go somewhere and then return to where you started - remember to tell us about your travel on the way back.
- Even if you did not go anywhere on the Travel Day, please tell us why in the space provided below, because this is important information as well.


## Now continue here:

The Travel Day starts at 4.00 a.m. (because most people are not travelling at 4.00 a.m.)
Q1. Where were you at 4.00 a.m. on this Travel Day?
At the address where the survey forms were delivered $\qquad$ Go straight to Question 2

At work $\qquad$ Please write in the address of this location in the spaces below, then go to Question 2
Somewhere else $\qquad$


| Number |
| :--- |
| $\square$ |



Nearest Intersection or Landmark
$\square$
Suburb/Town
$\square$

Q2. Did you leave this place at all on your Travel Day? Yes


Q3. At what time (after 4 a.m.) did you first leave this place on your Travel Day?


## Now turn the page to Stop 1

Q4. If you did not leave this place at all on this Travel Day, please give the reason
$\square$
Q5. If you did not leave this place at all on this Travel Day, when did you last leave it before the Travel Day?
$\square$
$\square$

To enable us to compare our sample with the population statistics obtained from the recent 2006 Census, we would like you to answer the same income question that was asked in the Census.

## What was the total personal income (before tax) that you received from all sources in the past 12 months?

## Count all income including:

- wages, salary, commissions etc from employer
Zero Income $\square$
$\$ 1-\$ 5,000$ per year $\square$
$\$ 5,001$ - \$10,000 per year $\square$
$\$ 10,001$ - \$15,000 per year $\square$
$\$ 15,001$ - $\$ 20,000$ per year $\square$
$\$ 20,001$ - \$25,000 per year $\square$
\$25,001 - \$30,000 per year
\$30,001 - \$35,000 per year
\$35,001 - \$40,000 per year
$\$ 40,001$ - $\$ 50,000$ per year
$\$ 50,001$ - $\$ 70,000$ per year

\$70,001-\$100,000 per year
more than $\$ 100,000$ per year

Who in the household actually filled out this Travel Day form?


Do you have any comments about roads, public transport or the general transport system in the Auckland Region?
$\qquad$
$\qquad$
$\qquad$
$\qquad$
$\qquad$
$\qquad$
$\qquad$

Do you have any comments about this survey?
$\qquad$
$\qquad$
$\qquad$
$\qquad$
$\qquad$

Thank you very much for your time and help

## Stop 1



## B

WHERE was Stop 1?


Street Name

Nearest Intersection/Landmark

Suburb/Town

WHO travelled with you to Stop 1?
Which other people from your household (if any) travelled with you? (Use person numbers from the Red Person Form)



## E HOW did you get to <br> Stop 1? (please select one only)



Was the vehicle used on this trip listed on the Red Vehicle Form?


Where was the vehicle parked at the end of this trip?

Residential property On-street metered site On-street non-metered site Work/customer carpark Other off-street carpark Vehicle not parked $\square$
Was a parking fee paid?
No fee paid
Short term fee paid Daily fee paid Weekly or longer fee paid


How long did it take to walk $\square$ minutes

Go to Section H
Public Transport Ticket Details

What type of ticket was used on this trip?


Was this ticket:


| WHEN did you arrive |
| ---: |
| at Stop 1? |

$\vdots$ p.m. $\square$

Did you make any more Stops (including going home) on the Travel Day?


Page 2

## Read this First

## In Confidence

1. Please fill in this Household Form first.
2. Then...fill out the Person Form on the inside of this form for everyone who usually lives here, and for visitors who stayed here on the night before the Travel Day.
3. Then...fill in details about household vehicles on the Vehicle Form on the back page of this form,
4. Then...each person aged 5 or more should fill in a blue Travel Day Form booklet for your Travel Day.

## Household Form

A household is:

- all people who usually live at this address
- any visitors who stayed at this address on the night before the Travel Day
- a household can be just one person


## Your Travel Day is:

## Now start here:

How many people usually live in the household, including yourself? $\square$
How many visitors stayed in the household on the night before the Travel Day? $\square$

In what type of dwelling does this household live?


Other (please write in) $\square$

Is this dwelling owned or rented by any member of this household?

Owned or partly owned
(with or without mortgage)

Rented


Other


| How long has this household lived at this address? | Years $\square$ |
| :--- | :--- |
| Are you planning to move from this address in the next 12 months? | Yes $\square$ |
| Is anyone in this household planning to change job location in the next 12 months? | Yes $\square$ |

How many bicycles (in working condition) are kept in this household? $\square$
How many of these bicycles were used in the past 14 days? $\square$

Can you please provide a contact phone number for your household, in case we need to contact you to confirm or clarify some of your answers. $\square$
Please turn the page - and provide details of People in your household

## Person Form

Please fill in for • everyone who usually lives at this address, even if they are away on your Travel Day, plus any visitors who stayed overnight on the night before your Travel Day

|  | OLDEST PERSON | Second person | Third person |
| :---: | :---: | :---: | :---: |
| Person Number <br> Please record the Oldest Resident as Person 1 | First Name | First Name | First Name |
| Year of Birth |  |  |  |
| Gender | Male $\square$ Female $\square$ | Male $\square \quad$ Female $\square$ | Male $\square \quad$ Female $\square$ |
| Resident or Visitor? | Resident $\square$ | Resident $\square \quad$ Visitor $\square$ | Resident $\square \quad$ Visitor $\square$ |
| Relationship to Person 1 |  | Spouse/Partner of person $1 \square$ Child/stepchild of person $1 \square$ Brother/Sister of person $1 \square$ Grandchild of person $1 \square$ Other relative of person $1 \square$ Unrelated to person $1 \square$ Other (please write in) | Spouse/Partner of person $1 \square$ Child/stepchild of person $1 \square$ Brother/Sister of person $1 \square$ Grandchild of person $1 \square$ Other relative of person $1 \square$ Unrelated to person $1 \square$ Other (please write in) |
| Country of Birth | New Zealand <br> Elsewhere (please write in) | New Zealand <br> Elsewhere (please write in) | New Zealand <br> Elsewhere (please write in) |
| Driver's Licence <br> Does this person have a licence to drive a vehicle or ride a motorcycle? <br> (tick as many as apply) | Car Licence - full licence $\square$ <br> - restricted licence $\square$ <br> - learner's licence $\square$ <br> Motorcycle Licence $\square$ <br> Other Licence $\square$ <br> No Licence $\square$ | Car Licence - full licence $\square$ <br> - restricted licence $\square$ <br> - learner's licence $\square$ <br> Motorcycle Licence $\square$ <br> Other Licence $\square$ <br> No Licence $\square$ | Car Licence - full licence $\square$ <br> - restricted licence $\square$ <br> - learner's licence $\square$ <br> Motorcycle Licence $\square$ <br> Other Licence $\square$ <br> No Licence $\square$ |
| Current Employment, Studying and Other Activities (tick as many categories as apply to each person) |  |  |  |
| Currently employed | Full-time work (30 hours or more per week) $\square$ Part-time work (less than 30 hours per week) $\square$ <br> Casual work $\square$ | Full-time work (more than 35 hours per week) $\square$ <br> Part-time work (less than 35 hours per week) $\square$ <br> Casual work $\square$ | Full-time work (more than 35 hours per week) $\square$ <br> Part-time work (less than 35 hours per week) $\square$ <br> Casual work $\square$ |
| Currently studying | Primary school $\square$ Secondary school $\square$ Full-time University/Technical Institute $\square$ Part-time University/Technical Institute $\square$ Other (e.g. Ianguage school) $\square$ | Primary school $\square$ <br> Secondary school $\square$ <br> Full-time University/Technical Institute $\square$ <br> Part-time University/Technical Institute $\square$ Other (e.g. language school) $\square$ | Primary school $\square$ Secondary school $\square$ Full-time University/Technical Institute $\square$ Part-time University/Technical Institute $\square$ Other (e.g. Ianguage school) $\square$ |
| Any other activities | Not yet at primary school $\square$ Homemaker $\square$ Currently unemployed Retired Other (please write in) | Not yet at primary school $\square$ Homemaker $\square$ Currently unemployed $\square$ Other (please write in) $\quad$ Retired $\square$ | Not yet at primary school $\square$ Homemaker $\square$ Currently unemployed $\square$ Other (please write in) $\quad$ Retired $\square$ |
| Employment Details (to be completed by those currently employed) |  |  |  |
| Work Arrangements | Fixed hours $\square$ <br> Flexible hours $\square$ <br> Rostered shifts $\square$ <br> Work from home $\square$ | Fixed hours $\square$ <br> Flexible hours $\square$ <br> Rostered shifts $\square$ <br> Work from home $\square$ | Fixed hours $\square$ <br> Flexible hours $\square$ <br> Rostered shifts $\square$ <br> Work from home $\square$ |
| Type of Employment | Paid employee $\square$ Self-employed (not employing others) An employer of other persons Family business Volunteer | Paid employee <br> Self-employed (not employing others) <br> An employer of other persons $\square$ <br> Family business $\square$ <br> Volunteer | Paid employee <br> Self-employed (not employing others) <br> An employer of other persons $\square$ <br> Family business $\square$ <br> Volunteer |
| Occupation <br> What kind of work does this person do? |  |  |  |
| Industry <br> What type of business is performed where this person works? |  |  |  |



Please turn the page - and provide details of Vehicles in your household

## Vehicle Form

Please provide the following information for all registered vehicles owned or used by members of this household (including company cars) which were parked at or near this dwelling on the night before the Travel Day.

| Vehicle Number | 1 | 2 | 3 | 4 | 5 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Type of | Car | Car | Car | Car | Car |
| Vehicle | 4WD/SUV | 4WD/SUV | 4WD/SUV | 4WD/SUV | 4WD/SUV |
|  | Motorcycle | Motorcycle | Motorcycle | Motorcycle | Motorcycle |
|  | Ute | Ute | Ute | Ute | Ute |
|  | Van | Van | Van | Van $\square$ | Van |
|  | Truck | Truck $\square$ | Truck $\square$ | Truck $\square$ | Truck |
|  | Other $\square$ | Other $\square$ | Other | Other $\square$ | Other |
| Ownership of vehicle | Privately owned Company owned | Privately owned <br> Company owned | Privately owned <br> Company owned | Privately owned <br> Company owned | Privately owned <br> Company owned |
| Payment of running costs | Privately paid <br> Paid by company | Privately paid <br> Paid by company | Privately paid <br> Paid by company | Privately paid <br> Paid by company | Privately paid <br> Paid by company |
| Payment of workplace parking costs (if vehicle used to go to and from work) | Privately paio <br> Paid by company <br> None paid <br> Not used for work | Privately paid <br> Paid by company <br> None paid <br> Not used for work | Privately paid <br> Paid by company <br> None paid <br> Not used for work | Privately paid <br> Paid by company <br> None paid <br> Not used for work | Privately paid <br> Paid by company <br> None paid <br> Not used for work |
| Was this vehicle available for use on your Travel Day? | Yes $\square \quad$ No $\square$ | Yes $\square \quad$ No $\square$ | Yes $\square \quad$ No $\square$ | Yes $\square \quad$ No $\square$ | Yes $\square \quad$ No $\square$ |

## How to fill out the blue Travel Day Forms

## General instructions

- Please use a blue Travel Day Form for every person in the household aged 5 and above.
- The person who is numbered 1 on this Red Person Form should enter 1 as the Person Number on the blue Travel Day Form, the person who is numbered 2 on this Red Person Form should enter 2 as the Person Number on the blue Travel Day Form, and so on.
- If you are a "professional driver", please fill in only your personal travel for the Travel Day, including travel to and from work.

A "professional driver" is someone who is employed (self-employed or otherwise) to transport goods or people.
This includes courier drivers, taxi drivers and truck drivers. However, if you are not a "professional driver", and you sometimes travel as part of your work (e.g. to and from meetings), please record any travel you do as part of your work.

- The blue Travel Day Form asks you to fill in all the travel made by that person on your household's Travel Day, which is:



## Some other things you might need to know

## If someone makes more than 13 stops on the Travel Day

- Please continue recording these stops on a spare blue Travel Day Form.
- If you need more blue Travel Day Forms, please ring the Travel Survey Office on the number given below.


## Confidentiality

- Any information that might identify people or households will be kept strictly confidential.
- Your data will be mixed with many other households in any results that are released.
- No individual data, on households or people, will be released to any third parties.

If you have any questions or require assistance with the survey

- Please don't hesitate to ring the Travel Survey Office on 0508-254 458 (free call).


## MoT 2008 SURVEY FORMS

## Response report - pre-contact

Tick
Full response of all 'in survey' people
$1 \square$

| Sample loss: |  |
| :--- | :--- |
| All persons in household 'out of survey' | $2 \square$ |
| Vacant dwelling | $3 \square$ |
| Dwelling under construction | $4 \square$ |
| Non-dwelling/Vacant lot/Commercial property | $5 \square$ |
| Derelict dwelling | $6 \square$ |
| Dwelling demolished | $7 \square$ |
| Hotel/motel/rest home or other institution | $8 \square$ |


| No pre-contact: | Tick |  |  |
| :--- | ---: | :---: | :---: |
| No contact with household | $9 \square$ |  |  |
| Refused pre-contact | $10 \square$ |  |  |
| No pre-contact (full non-response) due to |  |  |  |
| Language problems |  |  | $11 \square$ |
| Death/illness in household | $12 \square$ |  |  |

Post-travel interviews incomplete $\quad 13 \square$

| Response report — post-travel interview | Number |
| :--- | :--- |
| Number of 'in survey' people in household | $\square$ |
| Number post-travel interviews completed | $\square$ |



## Refusal repor

## Form 1 Household Form




Appointments for interview

| Refusal report |
| :--- | :--- |
|  |
|  |
|  |
|  |
|  |

Workload number $\quad \square \quad \square$


## Observ

## Home structure type

| Separate house | 1 |
| :--- | :--- |
| 2 flats or houses joined together | $2 \square$ |
| 3 or more flats or houses joined together | $3 \square$ |
| Flat or house attached to a business or shop | $4 \square$ |
| Retirement village | $5 \square$ |
| Bach, crib or hut (not a work camp) | $6 \square$ |
| Caravan, cabin or tent | $7 \square$ |
| Non private dwelling (hostel, motel etc) | $8 \square$ |

## Observe

## Controlled entry system

No system
Residence with locked gates
partment block with entry phon
Gated community
1

Gated community
$\square$

Retirement village with security entry
Other (specify) $4 \square$
Other (specify) 9

## Comments

## 

 $\rightarrow$


$\square$

## Good morning, I'm

 from Research International.This is my identification card. The Ministry of Transport has sent you a letter saying I'd be calling.

1. Could you please tell me who usually lives here, including any visitors staying. Starting with you... In survey if in New Zealand on at least one travel day
and permanently live at this address
or guest staying until interview day.

| Person Number | (a) <br> First name/ identifier | (b) <br> Relationship to person 1 | $\begin{gathered} \text { (c) } \\ \text { Gender } \end{gathered}$ | (d) <br> What is your/ <br> of birth? <br> If reluctant <br> ask (e) |  |  | (e) <br> Do you mind telling me how old you are [roughly?] |  | (f) In survey? <br> $\ln$ <br> 1 = HH member <br> $2=$ Visitor (surveyed) <br> Out <br> $3=$ Visitor (gone by interview day) <br> $4=$ Out of NZ on both travel days <br> $5=$ HH member moved out before TD1 | (g) <br> Post - travel interview completed? $\begin{aligned} & 1=\text { Yes } \\ & 2=\text { No } \\ & 3=\text { Partial } \end{aligned}$ | (h) <br> Reason not completed <br> 1 = Refused <br> $2=$ Non-contact <br> 3 = Language <br> difficulties <br> $4=$ Death/illness in HH |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | M/F |  | Month | Year | Age | $\begin{aligned} & \text { Ticki ic } \\ & \text { guess } \end{aligned}$ |  |  |  |
| 1 |  |  |  |  |  |  |  |  |  |  |  |
| 2 |  |  |  |  |  |  |  |  |  |  |  |
| 3 |  |  |  |  |  |  |  |  |  |  |  |
| 4 |  |  |  |  |  |  |  |  |  |  |  |
| 5 |  |  |  |  |  |  |  |  |  |  |  |
| 6 |  |  |  |  |  |  |  |  |  |  |  |
| 7 |  |  |  |  |  |  |  |  |  |  |  |
| 8 |  |  |  |  |  |  |  |  |  |  |  |
| 9 |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |


| Observe |  |
| :---: | :---: |
| 2. Household type |  |
| Person living alone | 1 |
| Married/de facto couple only | 2 |
| Other adults only (eg flatmates) | 3 |
| Family (including extended) with children | 4 |
| Family with adults only | 5 |
| Single adult living with children | 7 |
| Family with child(ren) plus flatmates/boarders | 10 |
| Other (specify) | 8 |

3. How many bicycles in working order are kept at this household? (Include children's bicycles but not tricycles)

4a. Could you give me a list of all vehicles used by your household and usually parked here overnight, whether private or company-owned?

Nil vehicles in household (Go to 4b)

| (a) Vehicle Number | (b) Make | (c) <br> Model | (d) Year | 1 = Car/SW <br> 2 = Van/Ute/PVan <br> $3=$ SUV/4WD type <br> 4 = Truck <br> 5 = Taxi <br> $6=$ Motorbike <br> 7 = Other (specify) |  | (f) <br> Engine size/ CCs | 1 = Petrol <br> 2 = Diesel <br> 3 = LPG/CNG <br> 4 = Dual fuel <br> 5 = Electric <br> $6=$ Other (specify) |  | (h) <br> Who owns the vehicle? <br> 1 = HH member <br> 2 = Company owned or leased <br> 3 = Rental <br> $5=$ Non household member <br> 4 = Other (specify) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 |  |  |  |  |  |  |  |  |  |  |
| 2 |  |  |  |  |  |  |  |  |  |  |
| 3 |  |  |  |  |  |  |  |  |  |  |
| 4 |  |  |  |  |  |  |  |  |  |  |
| 5 |  |  |  |  |  |  |  |  |  |  |
| 6 |  |  |  |  |  |  |  |  |  |  |
| If using | Perso | cord no | ehol | veh | cle details | below |  |  |  |  |
| A |  |  |  |  |  |  |  |  |  |  |
| B |  |  |  |  |  |  |  |  |  |  |
| C |  |  |  |  |  |  |  |  |  |  |

4b. Prompt: Does this include all vehicles used on the road - trucks, vans, motor bikes
or motorscooters, tractors...?

## 5. Appointments

a. Each household in the survey has been assigned two travel days. Your household's days are $\qquad$ _ and $\qquad$ __.
b. Is anyone in the household a professional driver? By this I mean someone who is employed to transport goods or people, like couriers, bus and taxi drivers and truck drivers.

If YES: Who is that?
(Named person) does not need to record the travel done as part of this job. They still need to record all travel to and from this job and their personal travel, and any travel they do as part of another job (such as going to meetings).
(Label Professional Driver Memory Jogger with appropriate household member's name and point out instructions).
c. Are you/Is anyone in the household likely to make more than 10 trips on either of those days? (Leave extra memory joggers as required).
Make appointments for all post-travel interviews. Record on front page.
d. If the need arises, may we phone you? Yes $\square$ Phone number $\qquad$

## NEW ZEALAND TRAVEL SURVEY

$\qquad$
-- In Confidence ---


INTRODUCTION
Today I'll be asking about your travel on (first travel day) and (second travel day). I also have a few questions about alcohol and some background questions.
Please keep your memory jogger, and use it when we get to the travel questions, to help you recall your trips. Here are some show cards I'll refer to as we go.

1. Looking at card A, please could you tell me which of these activities apply to you/ $\qquad$ at the moment.
(Show card A)
(Respondent may choose more than one)


B
2. SEQUENCE GUIDE: - If student (Codes 2 or 3 in Q. 1), go to Q. 3.
3. What school or educational institution do you/does attend?
$\qquad$
Name $\qquad$
Street No. $\square$
Street $\qquad$
Suburb $\qquad$
OR Home schooled $\square \quad 001$

Town/City $\qquad$
4. SEQUENCE GUIDE: • If worker (Codes 4, 5 or 6 in Q. 1), go to Q. 5a.

5a. Do you have more than one paid job?

5b. (In any of your jobs) Do you work as a professional driver transporting goods or people?
$\qquad$

6. I would now like to ask you about the job in which you usually work the most hours.
7. What kind of work do you do (in your main job)?

8. Now looking at card B, (in your main job) do you work $\qquad$

9. And could I have the exact address where you work (in this job)?

## Identification



Street No. $\square$
Street $\qquad$
Suburb $\qquad$
Town/City $\qquad$

| OR | Home ................................................ |
| :--- | :--- |
| 001 |  |
| OR | No fixed place of work .......................... |
| 999 |  |

## TRAVEL DAY 1

$\square$
10. Now I'd like to ask about your travel. This card explains what we mean by travel (Show Card C). That is, any time you left your property, say to go for a walk, buy your lunch, drive somewhere. First, thinking about your/ $\qquad$ 's travel from 4 o'clock
(First Day) morning till 4 o'clock (Second Day) morning.
11. Do you have your/ $\qquad$ 's Yes (standard memory jogger) memory jogger handy?

Yes (Professional driver memory jogger) $\qquad$
No

12. Did you/ $\qquad$ go anywhere at all on (First Day)?
Remember this includes even walking down
$\qquad$ the street to buy some milk or bread...
14. Where did you/ $\qquad$ start the day on (First Day)?

15. And please could I have the address?

Identification $\qquad$
Street No. $\square$
Street $\qquad$
Suburb $\qquad$
Town/City $\qquad$
16. SEQUENCE GUIDE:

- If traveller (Code 1 in Q. 12), go to Q. 17.
- If non-traveller (Code 2 in Q. 12), go to Q. 18.



17. 




| E. <br> How did you/ $\qquad$ get there? | F. About how far was it from $\square$$\qquad$ to $\qquad$ ? $\square$ km $\square$ metres |  |
| :---: | :---: | :---: |
|  | G. If 10 km or more What route did you ta <br> Quickest OR Street number <br> Street name $\qquad$ <br> Suburb $\qquad$ <br> Town/City $\qquad$ |  |
| $\text { Bicycle ......................... } \square$ | H. If driver How many people were there in the vehicle including yourself? |  |

Passengers

J. If passenger Who was the driver?

$$
\begin{aligned}
& \text { HH Driver Num } \quad \square \text { OR } \\
& \text { Other: Name___ }
\end{aligned}
$$

| M. If taxi passenger Did you use a <br> Total Mobility scheme voucher? | Yes | $\square$ |
| :--- | :--- | :--- |
|  | No | $\square$ |

Walk/Run

## J. If passenger Who was the driver?

HH Driver Num $\square$ OR
Other: Name
Sex___Age Go to
next stop

| Other: Name | Sex___Age |
| :---: | :---: |
|  |  |

$\begin{array}{lll}\text { M. If taxi passenger Did you use a } & \text { Yes } & \square 1 \\ \text { Total Mobility scheme voucher? } & & \square \\ & \text { No } & \square\end{array}$


Passengers


|  | No | $\square$ | 2 |
| :--- | :---: | :---: | :---: |
| How many roads did you cross? |  |  |  |

17. 




| E. <br> How did you/ $\qquad$ get there? | F. About how far was it from $\square$$\qquad$ to $\qquad$ ? $\square$ km $\square$ metres |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | G. If 10 km Quickes <br> Street nam <br> Suburb <br> Town/City | What rout Street num | ou ta | e? |
| $\text { Bicycle ........................ } \square 3$ | H. If driver How many people were there in the vehicle including yourself? $\qquad$ Passengers |  |  |  |
|  | Person Number | Name | Sex | Age |
| Bus ............................. 5 |  |  |  |  |
|  |  |  |  |  |
|  | I. If driver Where did you/ $\qquad$ park? <br> Not parked $\qquad$ $\square$ |  |  |  |
|  |  |  |  |  |
| Other $\qquad$ 9 |  |  |  |  |
|  |  |  |  | Go to next stop |

J. If passenger Who was the driver?

17.




Passengers

J. If passenger Who was the driver?


OR

Sex___Age \begin{tabular}{l}
Go to next stop <br>
Yes $\quad \square 1$ <br>
No $\quad \square 2$ <br>
\hline

 

\hline \& <br>
\hline
\end{tabular}

| E. <br> How did you/ $\qquad$ get there? | F. About how far was it from |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | G. If 10 km Quickes <br> Street nam <br> Suburb <br> Town/City | What rout Street num | ut | e? |
| $\text { Bicycle ........................ } \square_{3}$ | H. If driver How many people were there in the vehicle including yourself? |  |  |  |
|  |  |  |  |  |
|  | Person |  |  |  |
| Bus ............................. 5 |  | Na | Sex | Age |
| Ferry .......................... $\square 6$ |  |  |  |  |
|  |  |  |  |  |
|  | I. If driver Where did you/ $\qquad$ park? Not parked. $\qquad$$\square$ |  |  |  |
| $\text { Taxi passenger................ } \square$ | Off Street: <br> Resident's Property $\qquad$ 2 |  |  |  |
| Other__ $\square 9$ | Private (eg business premises) ........ $\square 3$Public...................................... $\square 4$ |  |  |  |
|  | On Street: |  |  |  |
|  | Time limit $\qquad$ 5 |  |  |  |
|  | No time limit................................................................... 67 |  |  |  |
|  |  |  |  | next stop |

J. If passenger Who was the driver?

HH Driver Num $\square$ OR
Other: Name
Sex___Age

Mobility scooter .
Walk/Run.
Walk/Run
,

17.



| E. <br> How did you/ $\qquad$ get there? | F. About how far was it from $\square$$\qquad$ to $\qquad$ ? $\square$ km $\square$ metres |  |
| :---: | :---: | :---: |
|  | G. If 10 km or more What route did you ta <br> Quickest OR Street number <br> Street name $\qquad$ <br> Suburb $\qquad$ <br> Town/City $\qquad$ |  |
| $\text { Bicycle ......................... } \square$ | H. If driver How many people were there in the vehicle including yourself? |  |

Passengers

J. If passenger Who was the driver?

$$
\begin{aligned}
& \text { HH Driver Num } \quad \square \text { OR } \\
& \text { Other: Name___ }
\end{aligned}
$$

| M. If taxi passenger Did you use a <br> Total Mobility scheme voucher? | Yes | $\square$ |
| :--- | :--- | :--- |
|  | No | $\square$ |

Walk/Run

## J. If passenger Who was the driver?

HH Driver Num $\square$ OR
Other: Name
Sex___Age Go to
next stop

| Other: Name | Sex___Age |
| :---: | :---: |
|  |  |

$\begin{array}{lll}\text { M. If taxi passenger Did you use a } & \text { Yes } & \square 1 \\ \text { Total Mobility scheme voucher? } & & \square \\ & \text { No } & \square\end{array}$


Passengers


|  | No | $\square$ | 2 |
| :--- | :---: | :---: | :---: |
| How many roads did you cross? |  |  |  |

## TRAVEL DAY 2


18. Now, thinking about your/ $\qquad$ 's travel from 4 o'clock (Second Day) morning till 4 o'clock (Next Day) morning.
19. Do you have a memory jogger for this day?
Yes (standard memory jogger) ........................
Yes (Professional driver memory jogger) .......
No ..................................................................... $\square^{2}$
20. Did youl_g go anywhere at
$\qquad$
20. Did youl__ go anywhere at all on (Second Day)?
Remember this includes even walking down the street to buy some milk or bread ...
22. Where did you/ $\qquad$ start the day on (Second Day)?
都 ?

23. And could I have the address?

Identification
Street No. $\qquad$
Street $\qquad$
Suburb $\qquad$
Town/City $\qquad$
24. SEQUENCE GUIDE:

- If traveller (Code 1 in Q. 20), go to Q. 25.
- If non-traveller (Code 2 in Q. 20), go to Q. 26.

25. 




Passengers

| Person Number | Name | Sex | Age |
| :---: | :---: | :---: | :---: |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
| I. If driver Where did you/___ park? |  |  |  |
| Not parked.................................... $\square 1$ |  |  |  |
| Off Street: |  |  |  |
| Resident's Property...................... $\square 2$ |  |  |  |
| Private (eg business premises) ....... $\square 3$ |  |  |  |
| Public. |  |  |  |
| On Street: |  |  |  |
| Time limit |  |  |  |
| No time limit............................. $\square 6$ Go to |  |  |  |
| Other (specify). |  |  | next stop |










SEQUENCE GUIDE: • If 15 years or older go to Q. 26.

- Otherwise go to Q. 78a.

26. Thank you. Now I have some questions about drinking alcohol - beer, wine, spirits, RTDs or any alcoholic drinks.

Thinking about the day before your first travel day,
that is $\qquad$ . Did you drink any alcohol at all after 6 pm on this day? This includes at home, while visiting, or anywhere else, like work, a club, pub or café.

27. And did you drink any alcohol at all on (First Travel Day)? Anywhere at all? $\qquad$
28. Did you drink any alcohol at all on (Second Travel Day)? Anywhere at all?
$\qquad$
$\square$
29. SEQUENCE GUIDE: • If yes to Q26, go to Q. 26a.

- Otherwise go to box 30 .

So, thinking about (Day before First Travel Day $\qquad$ ) again,

26a. Between when and when did you have those drinks?
Prompt: Any other times
(at home?)
(Record all times)

26b. And from card $D$, whereabouts did you have this drink/these drinks?
(Show card D)

26c. Now turn the page to the photos. From these photos, how many of each of these did you have? (Show photos)

|  | No. | Type |
| :---: | :---: | :---: |
| Code |  |  |
| OR Somewhere else $\square$ 10 |  |  |
| Code |  |  |
| OR Somewhere else $\square$ 10 |  |  |
| Code |  |  |
| OR Somewhere else 10 |  |  |

26d. (Check back with respondent to clarify, specifying amounts.)
So let me check I've got that right, that was... (read back answers, eg 2 glasses of sherry and 4 cans of beer)
30. SEQUENCE GUIDE: - If drank on TD 1 (Yes to Q. 27), go to Q. 27a.

- Otherwise go to box 31.

27a. And thinking now about (First Travel Day), between when and when did you have the drinks? Prompt: Any other times (at home?) (Record all times)

27b. And from card D, whereabouts did you have this drink/these drinks?
(Show card D)

27c. From these photos, how many of each of these did you have? (Show photos)


|  |  |  |  |
| :--- | :--- | :--- | :--- |
| Start | Next day $\square$ |  |  |
|  |  |  |  |

Next day


Next day
$\square$ Start Finish rinish
Next day $\square$
Next day $\square$
Next day $\square$
Next day $\square$


OR Somewhere else $\square 10$

|  |  |  |  |
| :--- | :--- | :--- | :--- |
| Start | Next day $\square$ |  |  |
|  |  |  |  |

27d. (Check back with respondent to clarify, specifying amounts.)
So let me check I've got that right, that was... (read back answers, eg 2 glasses of sherry and 4 cans of beer)
31. SEQUENCE GUIDE: • If drank on TD 2 (Yes to Q. 28), go to Q. 28a.

- Otherwise go to Q. 78a.

28a. And on (Second Travel Day), 28b. And from card D, whereabouts 28c. From these photos, how many between when and when did you have the drinks? Prompt: did you have this drink/these drinks? (Show card D) of each of these did you have? (Show photos)
(Record all times)


28d. (Check back with respondent to clarify, specifying amounts.)
So let me check I've got that right, that was ... (read back answers, eg 2 glasses of sherry and 4 cans of beer)

78a. And now, just a few final questions. In the last 12 months, that is since $\qquad$ last year, have you ridden a bicycle at all?
$\square$

78b. Thinking about just the last four weeks, how often have you ridden a bike? (Show card E)


## PUBLIC TRANSPORT

79a. And in the last 12 months, have you used public transport to travel in your local area at all? By public transport I mean public buses, trains and ferries that anyone can use to travel in your local area.

79b. Thinking about just the last four weeks, how often have you used public transport to travel in your local area? (Show card E)
(Read if questioned: We are not asking about school buses, longdistance bus or train journeys over one and a half hours long, or interisland ferries).

79c. SEQUENCE GUIDE: • If UNDER 15 YEARS, go to Q. 84.

- Otherwise go to Q. 80.


## KILOMETRES DRIVEN

80. Looking at the broad categories on card F: In your life so far, could you estimate how many kilometres you have done as the driver of any motor vehicle - a car, motorbike, truck or any other vehicle? (Show card F)
(Read if questioned: Anywhere in the world).

| Never Driven (Go to Q. 83) |  |
| :---: | :---: |
| Less than 2,000 km |  |
| 2,001-20,000 km |  |
| 20,001-200,000 km |  |
| More than 200,000 km | E |
| Don't know |  |

81. Now looking at card G. In the last 12 months, that is since $\qquad$ last year, how many kilometres have you driven:
(Read if questioned: Anywhere in the world).
In a car, van, truck or bus, as a driver (Show card G)
And on card H: On a motorbike as a rider $\qquad$ ....
(Show card H)
Category

|  | In a car, van, truck or bus, as a driver <br> (Show card G) |
| :--- | :--- |
| And on card H: | On a motorbike as a rider ................ <br> (Show card H) |

 OR

82. Do you currently hold a licence to drive ...


DEMOGRAPHIC INFORMATION
83. (If 16 years or older)

Do you have a husband/wife or partner who you live with?

84. (All ages) Looking at card J, which of these ethnic groups do you belong to?
(Show card J)
Code:
Other (specify) $\qquad$


Object to state $\qquad$
 13
85. (If 16 years or older) And from card K, which of these categories best represents your personal income before deductions like tax and superannuation?
(Show card K)

Code:
Don't know
Object to state $\qquad$


85a. END OF INTERVIEW. THANK RESPONDENT.
86. Post travel interview completed?


# Household Travel Survey Show Cards 

Version D April 2008

## Card A

## Which of these activities apply to you at the moment? (You may choose more than one).

Child not yet at school ..... 1
Student- Full time ..... 2

- Part time ..... 3
Worker - Full time ..... 4
- Part time ..... 5
- Casual ..... 6
Looking for work/ unemployed ..... 7
Looking after home and family ..... 8
Retired ..... 9
Other beneficiary ..... A
Something else?


## Card B

## In your main job, do you work:

For an employer for wages or salary ..... 1
In your own business with employees ..... 2
In your own business without employees ..... 3
Without pay in a family business ..... 4
Something else? ..... 5

## Card C

## By travel we mean <br> any time you left your property, home, school, workplace etc.

For example:

- To go for a walk
- To drive somewhere
- To buy your lunch
- To catch a bus, plane, ferry or train
- Any other time you left your house or workplace


## Card D

## Whereabouts did you have this drink (or drinks)?

In your own home ..... 1
In someone else's home ..... 2
At a hotel, bar or tavern ..... 3
At a sports club ..... 4
At a nightclub ..... 5
At another type of club ..... 6
At a restaurant, café or coffee shop ..... 7
At work, or a workplace ..... 8
At a sports event or outdoors like a beach or park ..... 9
Somewhere else?
[insert alcohol show cards as facing pages, backing on to Card D]

## Card E

Not at all this month .....
On 1-4 days this month ..... B
On 5-9 days this month ..... C
On 10-19 days this month ..... D
On 20 days or more this month ..... E

## Card F

## Looking at these broad categories, in your life so far, could you estimate how many kilometres you have driven in any vehicle?

Never driven ..... A
Less than 2000 km ..... B
2001-20 000 km ..... C
20001 - 200000 km ..... D
More than 200000 km ..... E

## Card G

## In the last 12 months, how many kilometres have you driven in a car, van, truck or bus?

Under 100 km ..... A
$100-2000 \mathrm{~km}$ ..... B
2000-5000 km ..... C
5000 - 10000 km ..... D
10000-15000 km ..... E
$15000-20000 \mathrm{~km}$ ..... F
20000-30 000 km ..... G
30000 - 50000 km ..... H
50000 - 100000 km ..... J
100000 km or more ..... K

## Card H: Motorbike riders

## And in the last 12 months, how many kilometres have you driven on a motorbike as the rider?

Under 100 km ..... A
$100-1000 \mathrm{~km}$ ..... B
$1000-2000 \mathrm{~km}$ ..... C
2000-3000 km ..... D
$3000-5000 \mathrm{~km}$ ..... E
5000 - 10000 km ..... F
10000 km or more ..... G

## Card J

## Which of these ethnic groups do you belong to? (You may choose one, two or more ethnic groups)

Maori ..... 1
NZ European ..... 2
Other European descent ..... 3
Samoan / NZ Samoan ..... 4
Cook Island / NZ Cook Island ..... 5
Tongan / NZ Tongan ..... 6
Niuean / NZ Niuean ..... 7
Other Pacific ..... 8
Chinese / NZ Chinese ..... 9
Indian or Pakistani / NZ Indian, NZ Pakistani ..... 10
Other South East Asian ..... 11
Something else? ..... 12

## Card K

Which of these categories best represents your personal income before tax?

| Per week | Per year |  |
| ---: | ---: | :--- |
| $\$ 1-\$ 192$ | $\$ 1-\$ 10,000$ | M |
| $\$ 193-\$ 288$ | $\$ 10,001-\$ 15,000$ | N |
| $\$ 289-\$ 385$ | $\$ 15,001-\$ 20,000$ | P |
| $\$ 386-\$ 577$ | $\$ 20,001-\$ 30,000$ | R |
| $\$ 578-\$ 769$ | $\$ 30,001-\$ 40,000$ | S |
| $\$ 770-\$ 962$ | $\$ 40,001-\$ 50,000$ | T |
| $\$ 963-\$ 1150$ | $\$ 50,001-\$ 60,000$ | J |
| $\$ 1151-\$ 1346$ | $\$ 60,001-\$ 70,000$ | K |
| $\$ 1347-\$ 1923$ | $\$ 70,001-\$ 100,000$ | W |
| Over $\$ 1923$ | over $\$ 100,000$ | Q |
| No income |  | L |

## Appendix C

## Waikato Data Fields

Sample Number
Travel Date
Home St Number
Home St Name
Home Suburb
Home Town or City
Response Status
Num Bicycles
No Vehicles?
Household Type
Person Num
Household Member?
Person Name
Proxy?
Reason For Proxy
Relationship
Sex
Age
Not Yet At School
Student Full Time
Student Part Time
Education Level
Work Full Time
Work Part Time
Work Casual
Unemployed
Homemaker
Retired
Other Beneficiary
Other Activity
More Than 1 Job?
Occupation Desc
Anzic
Further Employment Details
Income
Ridden Bicycle Last Year?
Bicycle Ridden In Last 4 Weeks
Kilometres Driven In Life So Far
Vehicle Kilometres Driven In Last 12 Months
Num Roads Crossed
Car Licence
Car Licence Type
Car Licence Years Held
Car Licence Months Held
Motorbike Licence
Motorbike Licence Type
Motorbike Licence Years Held
Motorbike Licence Months Held
Truck Licence
Truck Licence Type
Truck Licence Years Held
Truck Licence Months Held

Live With Partner
Ethnicity
Trip Number
Trip Departure Time
Departure Next Day?
Dest Place Name
Dest St Number
Dest St Name
Dest Suburb
Dest Town Or City
Dest Easting
Dest Northing
Trip Arrival Time
Arrival Next Day?
Destinationtype
Desttypeother
Activitydesc
Activity Other
Mode Of Transport
Mode Of Transport Other
Num People On Trip
Driver Person Num
Alternative
Quick Route?
Via Route Place Name
Via Route St Number
Via Route St Name
Via Route Suburb
Via Route Town Or City
Trip Distance
Vehicle Make
Vehicle Model
Vehicle Year Of Manufacture
Vehicle Type
Vehicle Cc Rating
Fuel Type
Parking Location
Parking Location Other
Parking Cost

Num Pedestrian Crossing Used
Offroad?
Paymenttype
Routeid
Estwait
Notes From Interviewer


[^0]:    ${ }^{1}$ The MoT survey has a combination of these two questions as one question

