

**Travel Survey for  
Northern Ireland**

**TECHNICAL REPORT  
2004-2006**

**September 2007**

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## Symbols and conventions

### Rounding of figures

In tables where figures have been rounded to the nearest final digit, there may be an apparent slight discrepancy between the sum of the constituent items and the total shown.

It is assumed in this report that there are 52.14 weeks in the year

The following symbols have been used throughout.

.. = not available/insufficient number of cases in sample

- = negligible (greater than zero but less than 0.5)

0 = nil

The following conversion factors may be of use:

1 Mile = 1.609 Kilometres

1 Kilometre = 0.6214 Miles

# 1 Introduction

The Travel Survey for Northern Ireland is based on the National Travel Survey as used in Great Britain. It is the only source of information on how, over Northern Ireland as a whole, people as individuals or family groups use different forms of transport to meet their travel needs. The Travel Survey for Northern Ireland is available for viewing on:

[http://www.roadsni.gov.uk/index/publications/publications-specific\\_interest\\_publications/publications-specific-travel\\_survey.htm](http://www.roadsni.gov.uk/index/publications/publications-specific_interest_publications/publications-specific-travel_survey.htm)

The main survey in Northern Ireland began as a continuous survey in March 1999 and has been running since then on a monthly basis. The TSNi surveys around 145 addresses each month. The number of useable households (includes either fully co-operating or partially co-operating households) averaged 78 per month during the time period 2004-2006.

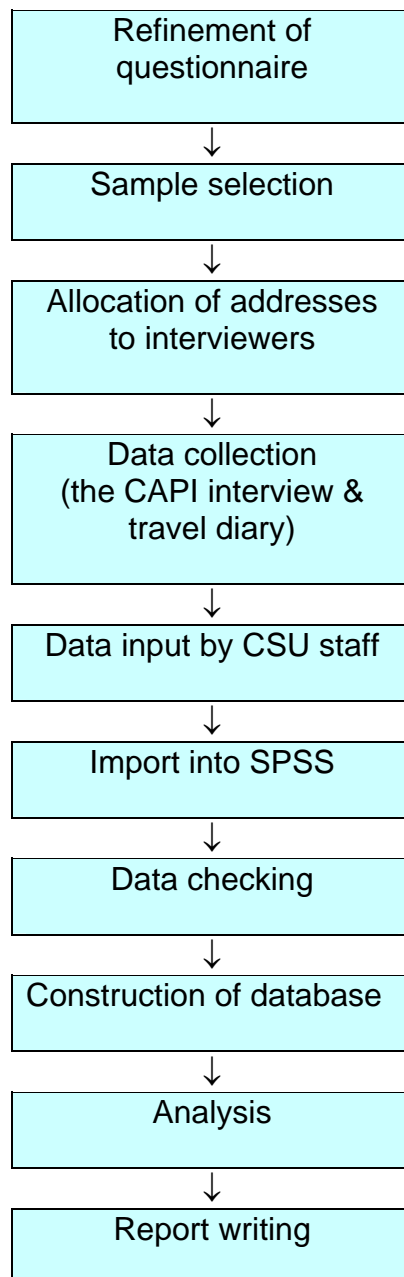
This Technical Report explains the methodology used to carry out the Travel Survey for Northern Ireland from January 2004–December 2006.

## 2 Sequence of work on the Travel Survey for Northern Ireland (TSNI)

The sequence of tasks carried out in the travel survey are summarised below. The survey collects information using two methods: a Computer Aided Personal Interview (CAPI - reproduced in Appendix A) and a seven-day travel diary (copies are available from the Northern Ireland Statistics & Research Agency, McAuley House, 2-14 Castle Street, Belfast, BT1 1SY).

Details of the individual procedures are set out in the remainder of this report.

**Figure 2.1** Sequence of the TSNI



## 2.1 Sample selection

The Travel Survey for Northern Ireland is required to provide a comprehensive picture of personal travel behaviour by people living in private households in Northern Ireland. The sample is therefore designed to provide a representative sample of households in Northern Ireland. Each member of each household is asked to provide information about journeys made in a pre-selected seven-day period, known as the Travel Week. As travel behaviour varies considerably depending on the month of the year or the day of the week, interviewing and travel record keeping is spread out evenly over the year.

The sample for the Travel Survey consists of a systematic random sample of addresses selected from the Land & Property Services (LPS) list of private addresses. This is the most up-to-date listing of private households and is made available to the Northern Ireland Statistics and Research Agency for research purposes. People living in institutions (though not in private households in such institutions) are excluded. A total of 145 addresses were selected for interview each month for the Travel Survey.

The Land & Property Services provides a good sampling frame of addresses, but contains no information about the number of households living at an address. Further selection stages are therefore required to decide which household to interview.

Interviewers are instructed to call at each address issued in their assignments. If an interviewer comes across an address, which contains more than one household, then a decision must be made as to which household to select to take part in the interview. The interviewer then numbers each individual household and uses Table 2.1 to determine which one of the households to interview:

**Table 2.1 Household selection table**

<b>Number of households</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>
<b>Household selected</b>	1	3	2	2	6	4

## 2.2 Allocation of addresses to interviewers

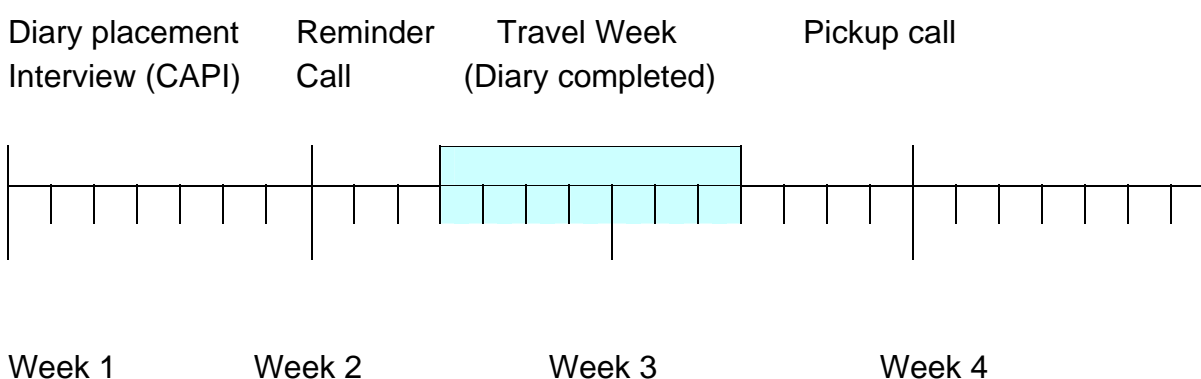
Every month each interviewer is allocated around 8 households to survey. Each address has been given a random start date for the travel week to ensure that travel start days are spread evenly across days of the week and weeks of the year. This also avoids any bias that may occur if respondents are allowed to pick their own travel week.

## 2.3 The interview

The information for the survey is collected in the following stages:

- The placement call
- The reminder call (if necessary)
- The mid-week checking call (if necessary)
- The pick-up call

**Figure 2.2 Possible calls made by an interviewer to household**



Before the interviewer's first call, the respondent receives an advance letter explaining the purpose of the study and that an interviewer will call.

The initial interview with the household is termed the **placement call**. At this call the interviewer explains the purpose of the survey, ideally to the entire household, and gains the co-operation of each household member. The interviewer then asks the Household Reference Person or other responsible person questions about the household composition and some general background information. Figure 2.3 shows the contents of the placement questionnaire.

The interviewer then asks the other individuals of the household a set of questions with a reduced set for children under 16. Questions are also asked about each household vehicle from the person best able to give that information (usually the main driver). After each individual interview the interviewer gives each respondent a **travel diary** and explains that the main aim of the diary is to collect information about travel habits over a seven-day period. Interviewers explain in detail how to record journeys made during their allocated travel week on the diary and talk the informants through some examples, explaining what to include and what not to include. They also describe the survey definitions, for example, usual place of work, in course of work, etc. Pocket size diaries are occasionally handed out to help respondents record details of their journeys. The interviewer also leaves a leaflet explaining the purpose of the survey with each household. In addition, a TSNI pen is left for each household.

The interviewer may make a **reminder call** (usually by telephone) to the household to remind them that the travel week is due to begin.

Sometimes the interviewer also makes an additional **mid-week checking call** on a household, part way through the travel week to help with problems and encourage accurate record keeping. This call is made at the interviewer's discretion, for example if the respondents are elderly or the household is particularly large and the interviewer was unable to get all members of the household together to explain the purpose of the study.

The interviewer returns to the household within six days after the end of the travel week to make the **pick-up call**. The interviewer collects the travel diary of each household member and checks the contents with the respondent. The interviewer also asks some additional questions to check whether the respondent has obtained a driving licence or any special tickets since the placement interview.

**Figure 2.3 Information collected**

SECTIONS	SUBJECT
Household Section (In CAPI Interview)	Placement and Travel Week dates Household information, including name, age, sex, marital status, ethnic group Availability of public transport Bicycle ownership Number of household vehicles
Individual Section (In CAPI Interview)	Disability section Satisfaction with local public transport Driving licence holding Employment, Occupation and Industry Income Place of work and travel to work Types of public transport tickets held Cycling Religion
Vehicle Section (In CAPI Interview)	Make and model Year of registration Engine size Mileage Car usage for school, work and in course of work journeys Parking Parking charges
Travel diary (Filled in by respondent)	Details of all journeys by transport Purpose of journey Time left and arrived Method of travel Distance travelled Travelling time Ticket type (if applicable) Driver or passenger Has respondent obtained driving licence since placement? Has respondent obtained special tickets since placement?

### **3 Fieldwork control**

Interviewers working on the survey use a “dial up” system to send their computer work to the office every week with details of interviews carried out that week. Diaries are also returned to the office by post after each pick up call.

The “dial up” system has been put in place to enable interviewers to use a modem to connect their computer to their telephone line, in order to send their weekly data in to the server and also to receive their next allocation.

A member of staff in Central Survey Unit paper codes the travel diaries and then, to ensure consistency, a different staff member checks the coding and transfers the information from the diary to the computerised Journey Input System.

The office supervisor makes further checks on 10% of diary coding and inputting to the Journey Input System. Every month, the office supervisor sends out a short questionnaire to some of the households that have been visited, to check the respondent’s level of satisfaction with the way the survey was carried out.

#### **3.1 The Journey input system**

The information from the travel diary is input into the Journey Input System using ‘Blaise’ software for Computer Assisted Interviewing. Hard and soft data checks are written into the journey input system. Quality checks are also made in order to monitor the progress of the interviewers work and ensure diaries are being filled in correctly.

The data is then merged with the information from the CAPI interview and converted into ASCII format. The data is imported into SPSS data files. Further quality checks are then made on the data in the SPSS files.

## 4 Response

Households may be classified into the following levels of response:

A fully complete response has a fully completed computer interview i.e. every individual answering and the vehicle grid filled in for all cars. There is also a completed diary for every individual.

A *Partial - level 1 response* has a fully completed computer interview i.e. every individual has answered and the vehicle grid is filled in for all cars. There is a completed diary for some but not all persons in the household.

A *Partial - level 2 response* is where an interview has not been completed for all people but there is a matching individual interview and diary for at least one person in the household.

A *Partial - unproductive response* is where some information has been gathered but there is no matching individual interview or diary for anyone in the household.

Only information collected from households classified as fully complete, partial level 1 and 2 has been included in the calculations.

An *Outright Refusal* is when there is no chance of an interview during the field period.

A *Circumstantial Refusal* is if circumstances prevent the respondent from participating in the survey e.g. they are genuinely too busy.

An *Office Refusal* (or refusal to advance letter) applies when a refusal is received at the Northern Ireland Statistics & Research Agency, Central Survey Unit Headquarters from a recipient of an advance letter.

A *Refusal after promise to co-operate* applies if, for example, an interviewer successfully makes an appointment, then calls back later and finds that the respondent has changed their mind.

A *Non-Contact* is if any of the following apply: respondent would not answer door, respondent rarely there/unconfirmed second residence, shift-worker/works odd hours, respondent away all survey period/on holiday, interviewer could not find address or ran out of field time.

A *Non-eligible* code is for premises which are wholly or partially residential, but in which no one is living. It is applicable for buildings under construction or under conversion if there is no household currently living there. It also applies to holiday accommodation and second residences. Derelict/demolished buildings are also included as are non-residential properties, Institutions and Halls of residences. This code should also be used if there is no trace of the address, or if the household is no longer resident at the address.

Tables 4.1 – 4.4 show the response rates received for data.

**Table 4.1 Response rates: 2004**

	Number	% Response Rate (Eligible sample)
Issued addresses	1,658	
Eligible sample	1,454	100%
Completes*	965	66%
Unproductive interviews	62	4%
Refusals	250	17%
Non contacts	177	12%

\* Includes Fully Completes, Partial Level 1 and Partial Level 2 responses

**Table 4.2 Response rates: 2005**

	<b>Number</b>	<b>% Response Rate (Eligible sample)</b>
<b>Issued addresses</b>	1,739	
<b>Eligible sample</b>	1,500	100%
<b>Completes*</b>	978	65%
<b>Unproductive interviews</b>	76	5%
<b>Refusals</b>	325	22%
<b>Non contacts</b>	121	8%

**Table 4.3 Response rates: 2006**

	<b>Number</b>	<b>% Response Rate (Eligible sample)</b>
<b>Issued addresses</b>	1,634	
<b>Eligible sample</b>	1,425	100%
<b>Completes*</b>	856	60%
<b>Unproductive interviews</b>	59	4%
<b>Refusals</b>	365	26%
<b>Non contacts</b>	145	10%

**Table 4.4 Response rates: 2004–2006**

	<b>Number</b>	<b>% Response Rate (Eligible sample)</b>
<b>Issued addresses</b>	5,031	
<b>Eligible sample</b>	4,379	100%
<b>Completes*</b>	2,799	64%
<b>Unproductive interviews</b>	197	4%
<b>Refusals</b>	940	21%
<b>Non contacts</b>	443	10%

\* Includes Fully Completes, Partial Level 1 and Partial Level 2 responses

## 5 Data analysis

Data analysis is carried out using SPSS and Lotus and Excel Spreadsheets. Tables have been compiled so that the Travel Survey for Northern Ireland data can be easily compared to the Great Britain data.

### 5.1 Sample profile (January 2004–December 2006)

Table 5.1.1 Sample profile by gender

	Number of persons	Percentage	Mid Year Estimate 2004-2006
<b>Male</b>	2,988	47%	49%
<b>Female</b>	3,345	53%	51%
<b>Missing</b>	5	-	0%
<b>Males, females and missing gender</b>	6,338	100%	100%

Table 5.1.2 Sample profile by age

	Number of persons	Percentage	Mid Year Estimate 2004-2006
<b>0 – 15</b>	1,278	20%	22%
<b>16 – 24</b>	655	10%	13%
<b>25 – 44</b>	1,786	28%	28%
<b>45 – 59</b>	1,185	19%	18%
<b>60 – 74</b>	1,020	16%	12%
<b>75+</b>	409	6%	6%
<b>Missing</b>	5	-	0%
<b>All Ages</b>	6,338	100%	100%

Table 5.1.3 Sample profile by area

	Number of persons	Percentage	Mid Year Estimate 2004-2006
<b>Belfast</b>	744	12%	16%
<b>East</b>	3,148	50%	46%
<b>West</b>	2,446	39%	39%
<b>All Areas</b>	6,338	100%	100%

Note: Some percentage totals may not add to 100% due to rounding error.

## 6 Sampling errors

Estimates of population values (e.g. means or proportions) made from a random sample survey are dependent upon the particular sample chosen – a different sample selected will produce different estimates of the population figures. The estimates deviate from the true population values by varying amounts; these deviations are known as the sampling error and are, in theory, randomly distributed. The likely size of the sampling error or precision is measured by calculating the *standard error* of the estimate. This precision can also be expressed in terms of a *confidence range* about the sample estimate. A 95 per cent confidence range is the range of values contained with 1.96 standard errors of the survey estimate. If the survey were repeated many times under the same circumstances we would expect such a confidence range to contain the true value 95 per cent of the time.

For example, the number of journeys per person per year is estimated for 2004–2006 as 937 with a confidence range of 14. Hence the 95% confidence range for the number of journeys is 923 to 951.

Survey estimates are usable only if the standard errors are small, or put another way, that the estimates have the necessary precision for the particular purposes to which they are put. The size of a standard error depends upon three factors: the size of the sample; the survey design; and the variability in the population of the attribute being measured.

**Table 6.1 Mileage per person per year by mode**

Miles

Mode	Estimate	95% confidence range +/-
Walk	138	7
Bicycle	18	7
Car driver	3,272	133
Car passenger	1,669	70
Car undefined	2	2
Motorcycle	30	13
Other private	448	68
Citybus/Metro*	28	6
Ulsterbus	276	28
Other bus	66	15
NIR	72	19
Black taxi	4	2
Taxi	69	9
Other public	-	0
Undefined mode	2	1
<b>All modes</b>	<b>6,094</b>	<b>154</b>

\*Citybus changed to Metro in February 2005.

**Table 6.2 Journey time per person per year by main mode**

Hours

<b>Mode</b>	<b>Estimate</b>	<b>95% confidence range +/-</b>
Walk	47	2.5
Bicycle	2	0.5
Car driver	134	4.7
Car passenger	69	2.5
Car undefined	-	-
Motorcycle	1	0.4
Other private	16	2.3
Citybus/Metro*	3	0.7
Ulsterbus	19	1.6
Other bus	3	0.6
NIR	3	0.8
Black taxi	1	0.3
Taxi	5	0.5
Other public	-	-
Undefined mode	-	-
<b>All modes</b>	<b>304</b>	<b>5.4</b>

\*Citybus changed to Metro in February 2005.

**Table 6.3 Mileage per person per year by purpose**

Miles

<b>Purpose</b>	<b>Estimate</b>	<b>95% confidence range +/-</b>
Commuting	1,227	75
Business	591	77
Education	321	32
Escort education	119	15
Shopping	913	35
Other escort	363	30
Personal business	624	34
Visit friends at private home	750	42
Visit friends elsewhere	238	19
Entertainment/ public social activities	218	21
Sport participate	146	18
Holiday base	194	28
Day trip	276	28
Other including just walk	42	4
Undefined purpose	72	16
<b>All purposes</b>	<b>6,094</b>	<b>154</b>

**Table 6.4 Number of journeys per person per year by mode**

Number of journeys

<b>Mode</b>	<b>Estimate</b>	<b>95% confidence range +/-</b>
Walk	165	9
Bicycle	5	1
Car driver	426	14
Car passenger	231	8
Car undefined	-	1
Motorcycle	3	1
Other private	36	4
Citybus/Metro*	7	2
Ulsterbus	35	4
Other bus	6	1
NIR	4	1
Black taxi	2	1
Taxi	18	2
Other public	-	-
Undefined mode	-	-
<b>All modes</b>	<b>937</b>	<b>14</b>

\*Citybus changed to Metro in February 2005.

**Table 6.5 Number of journeys per person per year by purpose**

Number of journeys

<b>Purpose</b>	<b>Estimate</b>	<b>95% confidence range +/-</b>
Commuting	140	6
Business	39	4
Education	70	5
Escort education	46	5
Shopping	194	6
Other escort	69	4
Personal business	126	5
Visit friends at private home	107	4
Visit friends elsewhere	34	2
Entertainment/ public social activities	30	2
Sport participate	22	2
Holiday base	5	1
Day trip	18	2
Other including just walk	30	3
Undefined purpose	7	1
<b>All purposes</b>	<b>937</b>	<b>14</b>

**Table 6.6 Average journey length by main mode**

Miles

<b>Mode</b>	<b>Estimate</b>	<b>95% confidence range +/-</b>
Walk	0.8	0.0
Bicycle	3.9	0.5
Car driver	7.7	0.1
Car passenger	7.2	0.1
Car undefined	-	..
Motorcycle	8.8	1.5
Other private	12.5	0.6
Citybus/Metro*	4.3	0.2
Ulsterbus	8.2	0.3
Other bus	11.8	1.2
NIR	22.5	1.6
Black taxi	2.6	0.2
Taxi	3.7	0.2
Other public	-	..
Undefined mode	-	..
<b>All modes</b>	<b>6.5</b>	<b>0.1</b>

\*Citybus changed to Metro in February 2005.

**Table 6.7 Average journey length by purpose**

Miles

<b>Purpose</b>	<b>Estimate</b>	<b>95% confidence range +/-</b>
Commuting	8.8	0.2
Business	15.3	0.6
Education	4.6	0.1
Escort education	2.6	0.1
Shopping	4.7	0.1
Other escort	5.3	0.2
Personal business	4.9	0.1
Visit friends at private home	7.0	0.2
Visit friends elsewhere	7.0	0.3
Entertainment/ public social activities	7.2	0.4
Sport participate	6.6	0.4
Holiday base	37.0	2.7
Day trip	15.3	0.8
Other including just walk	1.4	0.1
Undefined purpose	10.2	1.7
<b>All purposes</b>	<b>6.5</b>	<b>0.1</b>

**Table 6.8 Average journey time by main mode**

Minutes

<b>Mode</b>	<b>Estimate</b>	<b>95% confidence range +/-</b>
<b>Walk</b>	17	0.3
<b>Bicycle</b>	24	2.2
<b>Car driver</b>	19	0.2
<b>Car passenger</b>	18	0.2
<b>Car undefined</b>	-	-
<b>Motorcycle</b>	19	1.9
<b>Other private</b>	27	1.1
<b>Citybus/Metro*</b>	29	1.1
<b>Ulsterbus</b>	32	0.5
<b>Other bus</b>	33	2.0
<b>NIR</b>	53	2.8
<b>Black taxi</b>	25	2.3
<b>Taxi</b>	15	0.5
<b>Other public</b>	-	-
<b>Undefined mode</b>	-	-
<b>All modes</b>	19	0.1

\*Citybus changed to Metro in February 2005.

## Appendix A: 2004-2006 Paper questionnaires

### Household questionnaire

(Automatically computed)

PerNo

1..97

(Read out to the Household Reference Person or his/her spouse)

#### hintro

##### HOUSEHOLD INTRODUCTION

I am first going to ask a few questions about the people who live here and some details about your accommodation.

PRESS 1 TO CONTINUE

The information in the Household Section should be obtained from the Household Reference Person or his/her spouse.

(Ask to the Head of Household or his/her spouse)

#### Numbers

INTERVIEWER: YOU ARE GOING TO ASK ABOUT ALL THE PEOPLE IN THE HOUSEHOLD. START WITH THE HOH, THEN LIST ALL OTHER PEOPLE (ADULTS AND CHILDREN) IN DESCENDING ORDER (YOUNGEST LAST) OF AGE WITHIN HOUSEHOLD

How many people are there in your household, that is, people whose main residence this is and who share at least one meal a day, or share living accommodation with you?

1..10

(Ask always)

#### Name

PLEASE ENTER FIRST NAME OF THIS PERSON. IF TWO PEOPLE HAVE THE SAME NAME: ADD, FOR EXAMPLE, JNR OR SNR AFTER THE FIRST NAME, SO THAT YOU CAN DISTINGUISH THEM LATER  
STRING[20]

(Ask always)

#### Sex

PLEASE ENTER SEX OF ^Name

(1) Male

(2) Female

(Ask always)

#### Age

What was your age ^Name 's age on their last birthday?

ENTER CODE 99 IF BORN IN 1900 OR EARLIER  
CHECK WITH RESPONDENT AND ENTER AGREED AGE. IF AGE NOT KNOWN RECORD ESTIMATE OF AGE.

(Ask always)

#### Relhoh

Relhoh ^HEADA. ASK OR RECORD

I would now like to ask how all the people in your household are related to each other. Code relationship of each member to the others. Treat relatives of Civil Partners as though the Civil Partners were married. Also, treat cohabiting members of the household as though the cohabiting couple were married, unless the couple are a same sex couple but not in a Civil Partnership.:

- (1) Head of Household
- (2) Spouse,
- (3) Cohabiting partner
- (4) Son/daughter (incl.adopted)
- (5) Step-son/daughter
- (6) Foster child
- (7) Son-in-law/Daughter-in-law
- (8) Parent/guardian
- (9) Step-parent
- (10) Foster Parent
- (11) Parent-in-law
- (12) Brother/sister (incl. adopted)
- (13) Step-brother/sister
- (14) Foster brother/sister
- (15) Brother/sister-in-law
- (16) Grand-child
- (17) Grand-parent
- (18) Other relative
- (19) Other non-relative
- (20) Civil Partner

(Ask if age > 15 from 2000 on)

#### MarStt

^HEADHAre you/is ^Name currently...

RUNNING PROMPT - CODE FIRST THAT APPLIES:

- (1) Single, that is never married
- (2) Married and living with husband/wife
- (3) A civil partner in a legally-recognised Civil Partnership
- (4) Married and separated from husband/wife
- (5) Divorced
- (6) Or widowed
- (7) Spontaneous only - In a legally-recognised Civil Partnership and separated from his/her civil partner
- (8) Spontaneous only - Formerly a civil partner, the Civil Partnership now legally dissolved
- (9) Spontaneous only - A surviving civil partner: his/her partner having since died

**MarChk**

^HEADH/ASK OR RECORD

Is ^Name's husband/wife/civil partner a member of the household?:

- (1) yes
- (2) no

**Ethnic**

SHOWCARD L

To which of these ethnic groups does ^Name consider they belong?

This is a question of respondent's (or proxy's) opinion:

- (1) White
- (2) Chinese
- (3) Irish Traveller
- (4) Indian
- (5) Pakistani
- (6) Bangladeshi
- (7) Other Asian
- (8) Black - Caribbean
- (9) Black - African
- (10) Other Black
- (11) Mixed ethnic group
- (12) None of these

**EthnicOt**

^HEADH. Please can you describe your ethnic group?

Enter description of ethnic group

STRING[100]

**LivTog**

HEADH. ASK OR RECORD

May I just check, are you currently living with someone in this household as a couple?:

- (1) yes
- (2) no
- (3) Spontaneous only - Same sex couple (but not in a formal registered Civil Partnership)

(Ask if marstt <> married and living with husband/wife AND age > 15)

**Joint**

Do you jointly own or rent this accommodation?

- (1) Do not own or rent
- (2) Sole owner/renter
- (3) Joint owner/renter

(Ask to the Head of Household or his/her spouse)

**ResLen**

Now I would like to ask a little bit about circumstances which may affect the traveling people do.

Firstly, how many years has HoH lived at this address?

- (1) Under 1 year
- (2) 1 but under 2 years
- (3) 2 but under 3 years
- (4) 3 but under 5 years
- (5) 5 but under 10 years
- (6) 10 years or more
- (7) Always lived here

(Ask to the Head of Household or his/her spouse if ResLen = under 1 year)

**OldAdd**

Is HoH's old address more than 1 mile from here or less than that?

- (1) More than one mile
- (2) One mile or less

(Ask to the Head of Household or his/her spouse)

**Tenure**

Does your household own or rent this (HOUSE/FLAT/ROOM)?

- (1) Owns/is buying
- (2) Rents
- (3) Rent free

(Ask to the Head of Household or his/her spouse if Tenure = rents OR rent free)

**Whorent**

Do you rent it from the council, or from a private landlord or housing association?

- (1) Council/new town corporation
- (2) Private landlord/housing association

(Ask to the Head of Household or his/her spouse if (Tenure = rents OR rents free) AND (whorent = private landlord/housing association))

**Furnish**

Is this (HOUSE/FLAT/ROOM) rented (provided) furnished or unfurnished?

- (1) Furnished
- (2) Unfurnished or partly furnished

(Ask to the Head of Household or his/her spouse)

**BusProv**

RUNNING PROMPT. Following are a few questions about local transport.

Which is the main type of bus provided locally. (EXCLUDE EDUCATION BOARD BUSES.) Are they...

- (1) Mainly small buses (e.g. mini-buses or flexi-buses)
- (2) Mainly large buses
- (3) OR an equal mixture of both small and large buses?
- (4) No local bus service
- (5) Other

(Ask to the Head of Household or his/her spouse)

**NearBus1\***

About how long would it take ME to walk from here to the NEAREST bus stop (or place where I could get on a bus)?

I am interested in the NEAREST one even if it isn't the main one you use.

INTERVIEWER: CODE ANSWER IN MINUTES EG IF ONE HOUR CODE 60. IF MORE THAN 98 MINUTES SELECT DON'T KNOW ICON.

IF RESPONDENT SAYS DON'T KNOW OR REFUSAL SELECT APPROPRIATE ICON FROM TOP OF SCREEN.

0..98

(Ask to the Head of Household or his/her spouse if Nearbus1 = Don't know OR refusal)

**NearBus2\***

Would it be about...?

INTERVIEWER: IF RESPONDENT GIVES A RANGE e.g. 25-30 MINS THEN CODE LOWEST GROUP ie. 4 IF MORE THAN 98 CODE 44 MINUTES OR LONGER

- (1) 3 minutes or less
- (2) 4-6 minutes
- (3) 7-13 minutes
- (4) 14-26 minutes
- (5) 27-43 minutes
- (6) 44 minutes or longer

(Ask to the Head of Household or his/her spouse)

**GetBus**

How often would I be able to get a bus from that bus stop during the day?

IF 'VARIES' TAKE WEEK DAY OFF-PEAK FREQUENCY

- (1) Less than once a day
- (2) At least once a day
- (3) About 3 times a day
- (4) At least once an hour
- (5) At least once every half-hour
- (6) At least once every quarter-hour
- (7) Don't know

(Ask to the Head of Household or his/her spouse)

**NearSta1\*\***

Now thinking of your local train service how long would it take ME to walk to your nearest NIR station? Again it

is the NEAREST one I am interested in, even if it is not the main one or the one you use.

0..98

{Ask to the Head of Household or his/her spouse if NearSta1 = Don't know OR refusal)

**NearSta2\*\***

Would it be about... ?

INTERVIEWER: IF RESPONDENT GIVES A RANGE eg. 25-30 MINS, THEN CODE LOWEST GROUP i.e. 4 IF MORE THAN 98 CODE 44 MINUTES OR LONGER

- (1) 6 minutes or less
- (2) 7-13 minutes
- (3) 14-26 minutes
- (4) 27-43 minutes
- (5) 44 minutes or longer
- (6) Not applicable

(Ask to the Head of Household or his/her spouse if (NearSta1 > 12) OR (NearSta2 = 7-13 minutes OR 14-26 minutes OR 27-43 minutes OR 44 minutes or longer OR Don't know))

**BusSta1\*\*\***

Can I just check.... How long would it take me to get to the station by bus? Include walking to and from the bus stop but assume there is no waiting time.

INTERVIEWER: CODE ANSWER IN MINUTES E.G. IF ONE HOUR CODE 60. IF MORE THAN 98 MINUTES ENTER CTR K. IF RESPONDENT SAYS DON'T KNOW OR REFUSAL ENTER CTR K. IF NO BUS SERVICE OR QUICKER TO WALK ENTER CTR K

0..98

(Ask to the Head of Household or his/her spouse if (NearSta1 > 12) OR (NearSta2 = 7-13 minutes OR 14-26 minutes OR 27-43 minutes OR 44 minutes or longer OR Don't know)

AND BusSta1 = Don't know OR Refusal))

**BusSta2\*\*\***

RUNNING PROMPT

Would it be about...?

INTERVIEWER: IF RESPONDENT GIVES A RANGE, e.g. 25-30 MINS, THEN CODE LOWEST GROUP i.e. 4. IF MORE THAN 98 CODE 44 MINUTES OR LONGER

- (1) No bus service/quicker to walk
- (2) 6 minutes or less
- (3) 7-13 minutes
- (4) 14-26 minutes
- (5) 27-43 minutes
- (6) 44 minutes or longer

*(Ask to the Head of Household or his/her spouse if NearSta2 <> Not applicable. In 1999, this question was asked if NearSta <> Not applicable)*

**DescTa**

Would you tell me which description is most like your nearest NI railway station? Is it a ...

- (1) Station with frequent services throughout the day (at least once per hour)
- (2) Station with frequent services only during rush hours (at least once per hour)
- (3) Or a station with less frequent services?
- (4) Not applicable
- (5) Don't know

*(Ask to the Head of Household or his/her spouse)*

**IfBike**

Now I would like to ask about bicycles.

Does your household have any bicycles, which are used by adults or older children (that is children aged 6 years or older)?

- (1) Yes
- (2) No

*(Ask to the Head of Household or his/her spouse if IfBike = Yes)*

**NoBike**

How many bicycles does your household have?

1..9

*(Ask to the Head of Household or his/her spouse)*

**lchEmp**

Is anyone in this household (Are you) in paid employment?

- (1) Yes (someone in h'hold working)
- (2) No (no-one in h'hold working)
- (3) NO DON'T KNOW
- (4) NO REFUSAL

*(Ask to the Head of Household or his/her spouse if 2 or more people have said that they jointly own or rent the accommodation)*

**HiHNum**

You have told me that...jointly own or rent the accommodation.

Which of you has the highest income (from earnings, benefits pensions and any other sources)?

Enter PERSON NUMBER - IF 2 OR MORE HAVE THE SAME INCOME, ENTER 11

*(Ask to the Head of Household or his/her spouse (or record) if 2 or more people have said that they jointly own or rent the accommodation AND if HiHNum = 11)*

**JntEldA**

ENTER PERSON NUMBER OF THE ELDEST JOINT HOUSEHOLDER FROM THOSE WITH THE SAME HIGHEST INCOME. ASK OR RECORD

*(Ask to the Head of Household or his/her spouse (or record) if 2 or more people have said that they jointly own or rent the accommodation AND if HiHNum = Don't know)*

**JntEldB**

ENTER PERSON NUMBER OF THE ELDEST JOINT HOUSEHOLDER

*(Automatically computed)*

**DVHRP**

Person number of household reference number  
1..10

*(Ask to the Head of Household or his/her spouse)*

**Noplveh**

Could you please tell me the number of vehicles that your household have available, including any broken down vehicles which will be available for use in the next four weeks?

INTERVIEWER: EXCLUDE COMPANY POOL CARS

0..8

*(Reminder for interviewer if Noplveh > 0)*

**vremind**

NOTE: YOU CAN 'JUMP' TO THE VEHICLE GRID AT ANY TIME DURING THE REMAINDER OF THE QUESTIONNAIRE IN ORDER TO COLLECT DETAILS

FROM THE MOST APPROPRIATE PERSON:(CONTINUE)

carchk 0..8

## Individual questionnaire

(Ask always)

### WhoInt

ENTER THE NUMBER OF THE PERSON YOU WANT TO INTERVIEW

0..10

(Pre-filled)

### Name

Name of respondent

STRING[15]

(Ask always)

### IndQn1

Code whether face to face interview, proxy interview, or person not available

- (1) Face to face
- (2) Proxy
- (3) Interview this person later
- (4) Not available or individual refused

(Recorded by computer)

### Timeinds

Time at start of individual section

00..23

(Ask if: IndQn1 = face OR proxy

AND: Age > 15)

### Difffoot

First of all I want to ask some questions about any health problems or physical disabilities that affect travelling.

Do you have any physical disability or other long-standing health problem that makes it difficult for you to go out on foot?

- (1) Yes
- (2) No
- (3) NODONTKNOW
- (4) NOREFUSAL

(Ask if: IndQn1 = face OR proxy

AND: Age > 15)

### Diffbus

Do you have a physical disability or long standing health problem that makes it difficult for you to use buses or coaches?

- (1) Yes
- (2) No
- (3) NODONTKNOW
- (4) NOREFUSAL

(Ask if: IndQn1 = face OR proxy

AND: Age > 15)

### Diftrain

Do you have a physical disability or long-standing health problem that makes it difficult for you to...use trains?

- (1) Yes
- (2) No
- (3) NODONTKNOW
- (4) NOREFUSAL

(Ask if: IndQn1 = face OR proxy

AND: Age > 15)

### Difdrive

Do you have a physical disability or long-standing health problem that makes it difficult for you to drive a car?

- (1) Yes
- (2) No
- (3) NODONTKNOW
- (4) NOREFUSAL

(Ask if: IndQn1 = face

AND: Age > 15)

### SatServ

SHOW CARD A

Now I would like to ask some questions about your local bus services. By local, I mean services which operate near your home. How satisfied are you with your local bus services?

- (1) Very satisfied
- (2) Fairly satisfied
- (3) Neither satisfied nor dissatisfied
- (4) A little dissatisfied
- (5) Very dissatisfied
- (6) Don't use buses

(Ask if: IndQn1 = face

AND: Age > 15)

### EncRage

Would you be encouraged to use local buses more often if improvements were made to the bus services?"

- (1) Yes
- (2) No
- (3) Not sure

(Ask if: EncRage = Yes OR Not sure OR Don't know)

**Improv**

**SHOW CARD B**

Which do you think are the main ways in which the services could be improved?

Please use this card as a guide and mention up to four.

- (1) Better provision for the disabled/elderly
- (2) Better provision for people with young children or shopping
- (3) Cheaper fares
- (4) Boarding point closer to home
- (5) Quicker journey time
- (6) More destinations or routes
- (7) More reliable or punctual services
- (8) More frequent weekend services
- (9) More frequent evening services
- (10) More frequent day services
- (11) Better information on services
- (12) Other (SPECIFY IN A NOTE)

(Ask if: IndQn1 = face OR proxy

AND: Age > 15)

**DL**

Do you hold any driving licences valid in the UK?

- (1) Yes
- (2) No

(Ask if: DL = Yes)

**Difull**

INCLUDE: DISQUALIFIED DRIVERS AND INTERNATIONAL PERMITS/OTHER LICENCES VALID IN THE UK

Which of the following driving licences valid in the UK do you hold?

CODE ALL THAT APPLY

SET [3] OF

- (1) Provisional driving licence
- (2) Full driving licence
- (3) Passenger Services Vehicle licence(PSV)
- (4) Heavy Goods Vehicle licence (HGV)

(Ask if: IndQn1 = face OR proxy

AND: Age > 15)

**WorkLWK**

Were you in paid employment (or self-employed) in the week ending last Sunday?"

INTERVIEWER: INTRODUCE CLASSIFICATION SECTION

INCLUDE employer-based YT/ET, Training for work or Community/Employment Action.

INCLUDE FOR ANY NUMBER OF HOURS

- (1) Yes
- (2) No
- (3) NODONTKNOW
- (4) NOREFUSAL

(Ask if: WorkLWK = Yes)

**WorkHRS**

Were you working full-time or part-time?

IF PART-TIME: Was this for more than 10 hours per week or was it for 10 hours or less?

- (1) Full-time (more than 30 hours)
- (2) Part-time (more than 10 hours, up to 30 hours)
- (3) Part-time (10 hours or less)

(Ask if: WorkLWK <> Yes)

**LastWK**

INTERVIEWER: CODE FIRST THAT APPLIES

Last week were you...

- (1) Waiting to take up a job
- (2) Looking for work
- (3) Intending to look for work but prevented by temporary sickness or injury (INTERVIEWER: CHECK 28 DAYS OR LESS)
- (4) Going to school or college
- (5) Permanently unable to work
- (6) Retired
- (7) Looking after the home or family
- (8) Or were you doing something else?

(Ask if: LastWK = Other)

**XlastWK**

INTERVIEWER: Please record what else the respondent did last week.

STRING[40]

(Ask if: WorkLWK = Yes OR (LastWK = Waiting OR Looking OR Intending))

**Educ**

Are you at present attending a school or college?

- (1) Yes
- (2) No

(Ask if: Educ = Yes)

**EducFT**

May I check: Are you a full-time student?

- (1) Yes
- (2) No

(Ask if: WorkLWK = No)

**EverWK**

Have you ever been in paid employment?

- (1) Yes
- (2) No

(Ask if: IndQn1 = face OR proxy  
AND: Age > 15  
AND: (WorkLWK = Yes) OR (EverWK = Yes))  
**occtitle**  
CURRENT OR MOST RECENT JOB  
What is/was your job title?  
IF RETIRED ENTER JOB DONE FOR MAJORITY OF  
WORKING LIFE

STRING[30]

(Ask if: IndQn1 = face OR proxy  
AND: Age > 15  
AND: (WorkLWK = Yes) OR (EverWK = Yes))  
**Occdesc**  
CURRENT OR MOST RECENT JOB  
What do/did you mainly do in your job?  
CHECK SPECIAL QUALIFICATIONS/TRAINING  
NEEDED TO DO THE JOB

STRING[80]

(Ask if: IndQn1 = face OR proxy AND: Age > 15  
AND: (WorkLWK = Yes) OR (EverWK = Yes))  
**Indtitle**  
CURRENT OR MOST RECENT JOB  
In which industry do/did you work?

STRING[30]

(Ask if: IndQn1 = face OR proxy  
AND: Age > 15  
AND: (WorkLWK = Yes) OR (EverWK = Yes))  
**Inddesc**  
CURRENT OR MOST RECENT JOB  
What does/did the firm/organisation you work(ed) for  
mainly make or do at the place where you work(ed)?  
DESCRIBE FULLY - PROBE MANUFACTURING or  
PROCESSING or DISTRIBUTION ETC., AND MAIN  
GOODS PRODUCED, MATERIALS USED,  
WHOLESALE or RETAIL, ETC

STRING[80]

(Ask if: IndQn1 = face OR proxy  
AND: Age > 15  
AND: (WorkLWK = Yes) OR (EverWK = Yes))  
**Stat**  
CURRENT OR MOST RECENT JOB  
Are/were you working as an employee or self-  
employed?

- (1) Employee
- (2) Self-employed
- (3) NODONTKNOW
- (4) NO REFUSAL

(Ask if: Stat = Employee)  
**Mnage**  
CURRENT OR MOST RECENT JOB, ASK OR RECORD  
Do/did you have any managerial duties or are/were  
you supervising any other employees?

- (1) Manager
- (2) Foreman/supervisor
- (3) Not manager/supervisor
- (4) NODONTKNOW
- (5) NO REFUSAL

(Ask if: Stat = Employee)  
**EmpNo**  
CURRENT OR MOST RECENT JOB  
How many employees are/were there at the place  
where you work(ed)?

- (1) 1-24
- (2) 25-499
- (3) 500 or over
- (4) NO DONTKNOW
- (5) NO REFUSAL

(Ask if: Stat = Self employed)  
**Solo**  
CURRENT OR MOST RECENT JOB, ASK OR  
RECORD  
Are/were you working on your own or do/did you have  
employees?

- (1) On own/with partner(s) but no employees
- (2) With employees
- (3) NODONTKNOW
- (4) NO REFUSAL

(Ask if: Solo = With Employees)  
**SENo**  
CURRENT OR MOST RECENT JOB  
How many people do/did you employ at the place  
where you work(ed)?

- (1) 1-24
- (2) 25 or over
- (3) NODONTKNOW
- (4) NO REFUSAL

(Ask if: IndQn1 = face OR proxy  
AND: Age > 15)

**Incgrp**

SHOW CARD C

Could you please look at this card and tell me which group represents your own gross income?  
By gross income, I mean income from all sources before deductions for income tax, National Insurance etc.

**Income**

Per week		Per year
Less than £19	1	Less than £1,000
£19 to £38	2	£1,000 to £1,999
£39 to £57	3	£2,000 to £2,999
£58 to £76	4	£3,000 to £3,999
£77 to £95	5	£4,000 to £4,999
£96 to £115	6	£5,000 to £5,999
£116 to £134	7	£6,000 to £6,999
£135 to £153	8	£7,000 to £7,999
£154 to £172	9	£8,000 to £8,999
£173 to £191	10	£9,000 to £9,999
£192 to £239	11	£10,000 to £12,499
£240 to £287	12	£12,500 to £14,999
£288 to £335	13	£15,000 to £17,499
£336 to £383	14	£17,500 to £19,999
£384 to £479	15	£20,000 to £24,999
£480 to £575	16	£25,000 to £29,999
£576 to £671	17	£30,000 to £34,999
£672 to £767	18	£35,000 to £39,999
£768 to £959	19	£40,000 to £49,999
£960 to £1439	20	£50,000 to £74,999
£1440 or more	21	£75,000 or more

(Asked of one adult in household)

**HincGrp**

SHOW CARD C

REMINDEE RESPONDENT OF WHO IS INCLUDED IN THE HOUSEHOLD

And now think of the income of the household as a whole. Which of the groups on this card represents the gross income of the whole household?

1..21

(Ask if: IndQn1 = face OR proxy  
AND: WorkLWK = Yes AND: Age > 15)

**WkPlace**

When you go to work do you....

- (1) Go to the same place every time.
- (2) OR go to the same place on at least 2 days running each week
- (3) OR go to different places
- (4) OR work at home, from home, or in the same building as your home?

(Ask if: (IndQn1 = face OR proxy  
AND: WorkLWK = Yes AND: Age > 15) and (WkPlace = Same every time OR Same place two days running OR Different places))

**WkTrav**

How do you usually travel to work?

PROBE FOR MAIN METHOD

- (1) Car/van (include minibus/works van)
- (2) Motorbike/Moped/Scooter
- (3) Bicycle
- (4) Bus (include coach, private bus)
- (5) NIR train
- (6) Walk
- (7) Other

(Ask if: (IndQn1 = face OR proxy  
AND: WorkLWK = Yes AND: Age > 15) and (WkPlace = Same every time OR Same place two days running OR Different places) AND: WkTrav = Other)

**XwkTrav**

INTERVIEWER: Please record how respondent usually travels to work.

STRING[40]

(Ask if: (IndQn1 = face OR proxy  
AND: WorkLWK = Yes AND: Age > 15) and (WkPlace = Same every time OR Same place two days running OR Different places) AND: WkTrav = Car)

**WkDrive**

RUNNING PROMPT: When travelling to work are you..

- (1) Usually the driver
- (2) Usually the passenger
- (3) Or sometimes driver and sometimes passenger?

(Ask if: IndQn1 = face OR proxy)

**Stckt**

Now turning to public transport, do you have a season ticket or area travel card valid for a week or longer or a special pass of any kind?

- (1) Yes
- (2) No

(Ask if: (IndQn1 = face OR proxy) and Stckt = Yes)

**tictype**

SHOWCARD D – G

Using the showcard please select which ticket(s) you have. SELECT UP TO [3]

- (1) Gold travelcard
- (2) Silver travelcard
- (3) Monthly season ticket
- (4) City express 1A/1B(10)
- (5) Black's Road(10)
- (6) Black's Road(40)
- (7) Black's Road(monthly)
- (8) 10 journey ticket
- (9) 40 journey ticket
- (10) Sunday Rambler ticket
- (11) School <16 (10 journey)
- (12) School <16 (monthly)
- (13) 7 day weekly ticket
- (14) Monthly saver ticket
- (15) Rail travel/contract(40)
- (16) Cross-border(20)
- (17) Student stamp
- (18) Student weekly ticket
- (19) Student season ticket
- (20) Inter-rail ticket
- (21) Monthly family ticket
- (22) Belfast - N'abbey
- (23) Jobseekers permit
- (26) Freedom of NI
- (27) OAP Concession pass
- (28) Jobseekers permit
- (29) Emerald card (8)
- (30) Emerald card (15)
- (31) Education and Library Board pass
- (32) Other

(Ask if: (IndQn1 = face OR proxy) AND Stckt = Yes AND Tictype = Other)

**othtic**

Please specify other ticket

STRING[50]

(Ask if: IndQn1 = face OR proxy)

**Gencycl**

The next few questions are about cycling. Excluding exercise bikes, do you..

RUNNING PROMPT

- (1) Own a bicycle yourself
- (2) OR Have use of a bicycle owned by someone else in the household
- (3) OR Have use of a bicycle owned by someone else outside the household
- (4) OR Have no use of a bike?

(Ask if: IndQn1 = face OR proxy) and IndQn1 = face OR proxy)

**Cyc**

Have you ridden a bicycle during the last 12 months, that is since ^yagodate?

- (1) Yes
  - (2) No
  - (3) Don't know/Can't remember
- (^yagodate computes the date 12 months ago)

(Ask if: (IndQn1 = face OR proxy) and Cyc = Yes)

**Where**

SHOWCARD K

Which of the statements on the card best describes the type of route you usually took when you cycled in the last 12 months?

CODE ONE ONLY

- (1) Mainly on the road
- (2) Mainly on pavements, cycle paths or cycle lanes that were not part of a road
- (3) Mainly off the road in parks, open country, or private land
- (4) On a variety of different surfaces
- (5) Don't know/Can't remember

**Disabil**

^displin. Can I just check...Do you have a long standing illness, disability or infirmity? By long standing I mean anything that has troubled you over a period of time or that is likely to affect you over a period of time?:

- (1) Yes
- (2) No

(Ask if: IndQn1 = face OR proxy AND: Age > 15)

**relq2**

What is your religion, even if you are not currently practising?:

- (1) Catholic
- (2) Presbyterian
- (3) Church of Ireland
- (4) Methodist
- (5) Baptist
- (6) Free Presbyterian
- (7) Brethren
- (8) Protestant - not specified
- (9) Other Christian
- (10) Buddhist
- (11) Hindu
- (12) Jewish
- (13) Muslim
- (14) Sikh
- (15) Any other religion, please describe
- (16) No religion

{Ask if: Relq2= any other religion}

**relq2ot**

Please describe other religion:

STRING of length 250

**relq3**

Do you consider that you are actively practising your religion?:

- (1) Yes
- (2) No

(Ask if: IndQn1 = face OR proxy)

**dodiary**

NOW PLACE A DIARY WITH THE RESPONDENT STARTING ON ^startday ^startdte

(Recorded by computer)

**timeindE**

Time at end of individual section

STRING[8]

**phoneno**

^heada. A few interviews in any survey are checked by Head Office to make sure that people like yourself are satisfied with the way the interview was carried out. Just in case yours is one of the interviews that is checked, it would be helpful if we could have your telephone number.

IF GIVEN, TYPE THE TELEPHONE NUMBER HERE:

STRING[30]

**telename**

ASK OR RECORD.

And who should Head Office ask for?

IF YOU HAVE THE RESPONDENTS NAME FROM THE HOUSEHOLD GRID THEN JUST RECORD THIS. IF NOT, CAN YOU ASK THE RESPONDENT FOR THEIR FIRST NAME. IF TELEPHONE NUMBER NOT GIVEN JUST PRESS ENTER TO CONTINUE

STRING [50]

## Vehicle questionnaire

(Ask for each vehicle)

### Intro

This is the vehicle section of the questionnaire. You will be required to enter information for the ^bavail.noplveh vehicle(s) in the household.

(Ask for each vehicle)

### VehType

SHOWCARD H

What type of vehicle is the ^Make ^Model?

- (1) 4-wheel car
- (2) 3-wheel vehicle
- (3) Invalid car
- (4) Motorcycle/scooter with sidecar
- (5) Motorcycle/scooter
- (6) Moped
- (7) Light van, landrover, jeep (or similar)
- (8) Other van or lorry
- (9) Minibus, motor caravan, dormobile, etc.
- (10) Other (SPECIFY IN A NOTE)

(Ask if: vehType = 4-wheel car)

### Make

Enter description of the make of the vehicle. TYPE THE FIRST 3 LETTERS OF THE MAKE TO BRING UP A LIST OF VEHICLES:

STRING[20] , NODONTKNOW, NOREFUSAL

(Ask if: VehType = 4-wheel car)

### Model

ENTER DESCRIPTION OF THE MODEL, E.G.FIESTA, CLIO, MICRA:

STRING[20]

(Ask if: VehType <> 4-wheel car)

### maketxt

Could you tell me the make and model of this vehicle

STRING[30]

(Ask for each vehicle)

### Colour

What colour is the vehicle? IT IS NOT NECESSARY TO OBTAIN AN EXACT SHADE:

STRING[20]

(Ask for each vehicle)

### Mdriver

Who is the owner/main driver of the ^Make ^Model?

STRING[20]

(Recorded for each vehicle)

### Carcode

Code number for car

1..995

(Ask for each vehicle)

### VehUse

CODE WHETHER the ^Make ^Model

- (1) Is in regular use
- (2) May begin to be used in the next month

(Ask for each vehicle)

### FuelTyp

What fuel does the ^Make ^Model's engine use?

- (1) Petrol (INCLUDES LEAD FREE AND TWO STROKE)
- (2) Diesel
- (3) Electric vehicle
- (4) Other (SPECIFY IN A NOTE)

(Ask if: FuelTyp = Petrol)

### Leaded

ASK OR RECORD

Is the petrol...

- (1) Always unleaded
- (2) Sometimes unleaded, sometimes leaded
- (3) Or always leaded?

(Ask if: ((fuelTyp= Petrol OR Diesel OR Other OR Refusal OR Don't know))

### LogBook

I need to obtain details about the ^Make ^Model which are given in the registration document (or log book).

- (1) Seen by interviewer
- (2) Consulted by respondent
- (3) Not seen /consulted
- (4) NODONTKNOW
- (4) NOREFUSAL

(Ask if: ((fuelTyp= Petrol OR Diesel OR Other OR Refusal OR Don't know))

### RegYear

ASK OR RECORD AND CHECK.

First of all, could you tell me the year in which the vehicle was first registered?

INTERVIEWER: ENTER YEAR HERE

1900..2050

(Ask if: ((fuelTyp= Petrol OR Diesel OR Other OR Refusal OR Don't know))

### EnSize

ASK OR RECORD AND CHECK

What is the size of the ^Make ^Model's engine in cc's?(1 litre=1000cc)

PROBE IF ANSWER GIVEN TO NEAREST 100 cc

0..9997

(Ask if: (fueltyp= Petrol OR Diesel OR Other OR Refusal OR Don't know) AND Ensize = don't know)

**BenSize**

SHOW CARD I

Could you tell me in which of these bands on this card is the engine size?

- (1) Up to 50cc
- (2) 51-125cc
- (3) 126-250cc
- (4) 251-700cc
- (5) 701-1000cc (0.7 to 1 litre)
- (6) 1001-1300cc (1.0 to 1.3 litres)
- (7) 1301-1500cc (1.3 to 1.5 litres)
- (8) 1501-1800cc (1.5 to 1.8 litres)
- (9) 1801-2000cc (1.8 to 2.0 litres)
- (10) 2001-2500cc (2.0 to 2.5 litres)
- (11) 2501-3000cc (2.5 to 3.0 litres)
- (12) 3001cc and over (over 3 litres)

(Ask for each vehicle)

**AnMiles**

I would like to get a figure for the approximate annual mileage of the vehicle. Can you please estimate for me the total miles/kilometres the vehicle is driven in a year?

INTERVIEWER: IF DK ENCOURAGE ESTIMATE. IF NECESSARY, OBTAIN TO NEAREST THOUSAND. OBTAIN EXPECTED MILEAGE IF VEHICLE ACQUIRED LESS THAN A YEAR AGO. IF NIL ENTER 0

0..99999

(Ask if: Anmiles = Don't know)

**BAnMiles**

SHOWCARD J

Could you tell me in which of these bands on this card is the approximate total miles this vehicle is driven in a year?

INTERVIEWER: IF DK ENCOURAGE ESTIMATE.

- (1) 0 - 499 miles
- (2) 500 - 999 miles
- (3) 1,000 - 1,999 miles
- (4) 2,000 - 2,999 miles
- (5) 3,000 - 3,999 miles
- (6) 4,000 - 4,999 miles
- (7) 5,000 - 6,999 miles
- (8) 7,000 - 8,999 miles
- (9) 9,000 - 11,999 miles
- (10) 12,000 - 14,999 miles
- (11) 15,000 - 17,999 miles
- (12) 18,000 - 20,999 miles
- (13) 21,000 - 29,999 miles
- (14) 30,000 miles and over

(Ask if: AnMiles = Response)

**KmOrMile**

INTERVIEWER ASK OR CODE: WAS THE ANSWER TO 'ANMILES' IN MILES OR KILOMETRES?

- (1) Miles
- (2) Kilometres

(Ask if: (Bavail.IchEmp = Yes) AND (KmOrMile= Miles))

**UsualWk**

Can you please estimate how many of the total annual miles, if any, are driven by anyone in the household in getting to or from a usual place of work, either all of the way or part of the way?

IF NO USUAL PLACE OF WORK ENTER 0

0..99999

(Ask if: (Bavail.IchEmp = Yes) AND (KmOrMile = Km))

**UsualKm**

Can you please estimate how many of the total annual Kilometres, if any, are driven by anyone in the household in getting to or from a usual place of work, either all of the way or part of the way?

IF NIL ENTER 0

0..99999

(Ask if: (Bavail.IchEmp = Yes) AND ((KmOrMile= Miles) OR ((VehType = 4 wheel OR Lightvan) AND ((Anmiles <> RESPONSE) OR (KmorMile <> RESPONSE))))))

**CoursWk**

Leaving aside these journeys, can you estimate how many of the total annual miles, if any, are driven by anyone in the household in the course of work?

IF NIL ENTER 0

0..99999

(Ask if: (Bavail.IchEmp = Yes) AND (KmOrMile = Km))

**CoursKm**

Leaving aside these journeys, can you estimate how many of the total annual kilometres, if any, are driven by anyone in the household in the course of work

IF NIL ENTER 0

0..99999

(Ask if: (Bavail.IchEmp = Yes) AND ((KmOrMile = Miles) OR ((VehType = 4 wheel OR Lightvan) AND ((Anmiles <> RESPONSE) OR (KmorMile <> RESPONSE))))

AND: ((anmiles = response) and usualwk=response) and ((courswk = response) AND (anmiles >=(usualwk + courswk))) [then otherm:=(anmiles – usualwk – courswk).

totmile :=usualwk + courswk + othmile]

**Othmile**

So that means that the vehicle is driven about ^otherm miles a year for all other journey's. ENTER THE NUMBER SHOWN IF CORRECT

0..99999

(Ask if: (Bavail.IchEmp = Yes) AND (KmOrMile = Km) (AND: ((anmiles = RESPONSE) AND (usualkm = RESPONSE) AND (courskm = RESPONSE) AND (anmiles >=usualkm + courskm)) [THEN otherkm:= (anmiles – Usualkm – Courskm).

Totkm:= usualkm + courskm + othkm])

**Othkm**

So that means that the vehicle is driven about ^otherkm kilometres a year for all other journeys. ENTER THE NUMBER SHOWN IF CORRECT

0..99999

(Ask for all vehicles in households with school-aged children)

**Cartosc**

Is the ^Make ^Model used to take anyone in the household to school?

- (1) Yes
- (2) No

(If: (usualwk > 0) OR (usualkm > 0) THEN Cartowk:= yes, ELSE Cartowk:= no)

PRE-CODED BY SYSTEM

**Cartowk**

Is the ^Make ^Model used to take anyone in the household to work?

- (1) Yes
- (2) No

(IF (courswk > 0) OR (courskm > 0) THEN Coursewk= yes, ELSE Coursewk:= no)

PRE-CODED BY SYSTEM

**Coursewk**

(May I check) is the ^Make ^Model used in the course of work by anyone in the household?

- (1) Yes
- (2) No

(If cartowk:= yes)

**Whpark**

Where is the ^Make ^Model usually parked during working hours?

- (1) Public car park
- (2) Private or firm's car park
- (3) Park 'n' ride scheme
- (4) Metred on street parking
- (5) In a non-payment area

(If cartowk:= yes and whpark = public car park)

**Paycont**

Is a daily rate paid or is it a contract parking space?

- (1) Daily rate
- (2) Contract space

(If cartowk:= yes AND whpark is NOT in an non payment area)

**Whpay**

How much is usually paid for parking the ^Make ^Model?

- (1) Less than £1 or free\*
- (2) £1 - £2 per day
- (3) £2 - £5 per day
- (4) Over £5 per day
- (5) Don't know

(If cartowk:= yes AND whpark is NOT in an non payment area)

**Emppay**

Are any of your parking costs met by an employer?

- (1) Yes - all
- (2) Yes - some
- (3) No

## Administration questionnaire

(Pre-coded)

### Serno

SERIAL NUMBER

1..9995

(Pre-coded)

### hhno

HOUSEHOLD NUMBER

THIS SHOULD BE 1 UNLESS THERE IS MORE THAN ONE HOUSEHOLD AT AN ADDRESS

1..10

(Pre-coded)

### DC

DISTRICT COUNCIL

1..26

(Pre-coded)

### Ward

WARD

1..53

(Pre-coded)

### RV

RATEABLE VALUE

STRING[4]

(Pre-coded)

### PDESC

PROPERTY DESCRIPTION

STRING[20]

(Pre-coded)

### IntNum

INTERVIEWER NUMBER

1..1000

(Pre-coded)

### Area

AREA OF NORTHERN IRELAND

- (1) Belfast
- (2) East
- (3) West

(Pre-coded)

### Nhhld

NUMBER OF HOUSEHOLDS AT THIS ADDRESS

1..10

(Automatically computed)

### Stime

TIME INTERVIEW STARTED

STRING[8]

(Record always)

### Houtcome

- (1) Yes, Further interviewing/checking to be done (DEFAULT OUTCOME)
- (2) All information and checks complete
- (3) Refusal
- (4) Non-contact
- (5) Non-eligible
- (6) Returned for reallocation
- (7) ERROR IN SERIAL NUMBER

(If Houtcome = Non-eligible)

### Nonelig

- (1) Vacant property
- (2) Under construction
- (3) Second residence
- (4) Derelict/blocked up/demolished
- (5) Holiday accommodation
- (6) Non-residential
- (7) Institution
- (8) Household no longer resident at address
- (9) No trace of address
- (10) Previously ineligible address, now eligible
- (11) Other non-eligible
- (12) NODONTKNOW
- (13) NO REFUSAL

(If Houtcome = Non-contact)

### TypeNC

- (1) Would not answer door
- (2) Rarely there/unconfirmed second residence
- (3) Shift-worker/works odd hours
- (4) Away all survey period/on holiday
- (5) Could not find address
- (6) Ran out of field time
- (7) Other
- (8) NO DONTKNOW
- (9) NO REFUSAL

(If Houtcome = Refusal)

### Typeref

- (1) Outright refusal
- (2) Circumstantial refusal
- (3) Office refusal
- (4) Refusal after promise to co-operate
- (5) NO DONTKNOW
- (6) NO REFUSAL

*(If Houtcom = Refusal AND Typeref = office refusal OR refusal after promise to co-operate)*

**Refuse**

- (1) Doesn't believe in surveys
- (2) Anti-Government
- (3) Not interested
- (4) Can't be bothered
- (5) Too much time involved
- (6) Genuinely too busy
- (7) Working
- (8) Circumstances unsuitable
- (9) Too old
- (10) Sick
- (11) Dislike Disliked survey manner
- (12) Put off by recordkeeping
- (13) Previous bad experience
- (14) Avoided interview
- (15) Other reason

*(If Houtcome = Refusal or non-contact)*

**Intervie**

IF ANOTHER INTERVIEWER WERE TO CALL IN 2 TO 3 WEEKS, HOW LIKELY IS HE/SHE TO ACHIEVE AN INTERVIEW?

- (1) Very Likely
- (2) Likely
- (3) Possible
- (4) Unlikely
- (5) Very unlikely
- (6) Impossible to say

*(If Houtcome = All information and checks complete)*

**Houtcom2**

- (1) Fully Co-operating
- (2) Partial - full CAPI questionnaire, and diary for at least one
- (3) Partial - a matching CAPI interview, and diary for at least one
- (4) Partial - unproductive

*(If Houtcome = All information and checks complete)*

**Ndiaries**

How many diaries did you collect from the household at pickup?

1..16

*(If Houtcome = All information and checks complete)*

**Pickdate**

PLEASE ENTER THE DATE THE DIARIES WERE PICKED UP

*(If Houtcome = All information and checks complete)*

**Remcall**

Did you make a reminder call to this address?

- (1) No
- (2) Yes - phone call
- (3) Yes - reminder card (passing)
- (4) Yes - reminder card (special visit)

*(If Houtcome = All information and checks complete)*

**Midcall**

Did you make a mid-week visit to this address?

- (1) No
- (2) Yes - (passing)
- (3) Yes - (special visit)

*(If Houtcome = Yes, Further interviewing/checking to be done or All information and checks complete)*

**Placedte**

PLEASE ENTER THE DATE OF THIS PLACEMENT INTERVIEW

*(If Houtcome = Yes, Further interviewing/checking to be done or All information and checks complete)*

**Startdte**

PLEASE ENTER THE DATE THAT THIS HOUSEHOLDS TRAVEL DIARY IS DUE TO START

*(If Houtcome = Yes, Further interviewing/checking to be done or All information and checks complete)*

**Startday**

PLACEMENT DIARY START DAY

STRING[10]

*(If Houtcome = Yes, Further interviewing/checking to be done or All information and checks complete)*

**Weeknum2**

Week number of actual travel start date  
Answer must be in the range from 1 up to 53:

*(If start date is not the same as that pre-selected by computer)*

**Howchnge**

Please select how you have swapped this address with another one in your allocation

- (1) Swapped with another address starting on the same day
- (2) Swapped using weekend/weekday rule
- (3) Not swapped but starting on the same day
- (4) Not swapped but using weekend/weekday rule
- (5) No rules followed

*(If start date not same as that pre-selected by computer)*

**Whychnge**

Why have you swapped the start date of this address?

- (1) Unable to contact the household in time
- (2) Likely to get survey/doorstep refusal
- (3) Household refused allocated travel week
- (4) Moved to accommodate another swapped address

*(If start date not same as that pre-selected by computer and howchnge <> no rules followed)*

**Othchnge**

Please enter any notes, which may help us track which address you have swapped with e.g. serial number

PLEASE REMEMBER TO CHANGE THE START DATE OF ADDRESS YOU HAVE SWAPPED WITH

*(If Houtcome = Yes, Further interviewing/checking to be done or All information and checks complete)*

**Letter**

Has the respondent received an advance letter?

- (1) Yes
- (2) No