

Travel Survey for Northern Ireland

Technical Report

2001-2003

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TECHNICAL REPORT 2001-2003

August 2004

Enquiries about this document should be directed to Roads Service Transportation Unit at the contact details below: -

Roads Service
Transportation Unit
Avenue House
42 / 44 Rosemary Street
Belfast
BT1 1QE

Tel: 028 9040 8000

Fax: 028 9040 8040

Email: roads.transportation@drdni.gov.uk

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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 (less than half the final digit shown)
- 0 = nil

The following conversion factors may be of use:

- 1 Mile = 1.609 Kilometres
- 1 Kilometre = 0.6214 Miles

1.0 Introduction

The Travel Survey for Northern Ireland 2001–2003 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 this website.

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 80 per month during the time period 2001-2003.

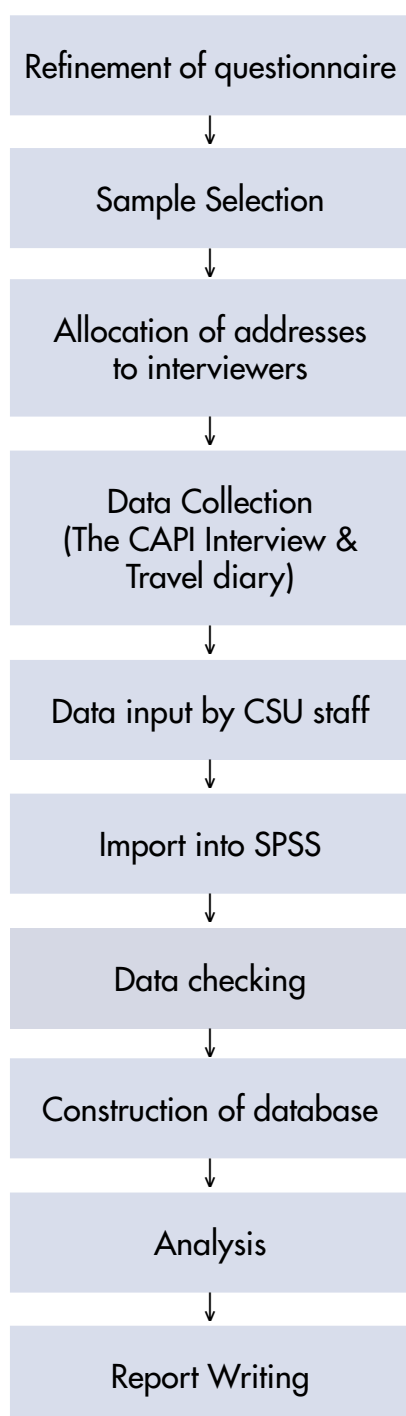
This Technical Report explains the methodology used to carry out the Travel Survey for Northern Ireland from January 2001 – December 2003.

2.0 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 (available from the Northern Ireland Statistics & Research Agency, McAuley House, 2-14 Castle Street, Belfast).

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.

A sample of approximately 145 addresses is drawn from the Valuation and Lands Agency (VLA) list of addresses every month. The VLA list is the most up to date listing of private households. People living in institutions (though not private households in such institutions) are excluded.

The complete VLA list of private addresses is stratified into 3 regions - Belfast, East of Northern Ireland and West of Northern Ireland. The number of addresses drawn from each region is in proportion to the number of addresses in the region. The sample is therefore equivalent to a simple random sample of all private addresses in Northern Ireland.

The Valuation and Lands Agency 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

| | | | | | | |
|----------------------|----------|----------|----------|----------|----------|----------|
| Number of households | 2 | 3 | 4 | 5 | 6 | 7 |
| Household selected | 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



In advance of 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 the entire household. The interviewer then asks the head of the household 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. A reduced set of questions is asked to 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 would also make 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 informant. The interviewer also asks some additional questions e.g. has the respondent obtained a driving licence or any special tickets since placement.

Figure 2.3 Information collected

| SECTIONS | SUBJECT |
|---|--|
| Household Section (In CAPI Interview) | Placement and Travel Week dates Household information, e.g. name, age, sex, marital status, ethnic group, etc. 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 ? |

3.0 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’. 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.

4.0 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: 2001

| | Number | % Response Rate (Eligible sample) |
|--------------------------------|---------------|--|
| Issued addresses | 1,717 | |
| Eligible sample | 1,525 | |
| Completes* | 934 | 61 |
| Unproductive interviews | 68 | 4 |
| Refusals | 307 | 20 |
| Non contacts | 216 | 14 |

Table 4.2 Response Rates: 2002

| | Number | % Response Rate (Eligible sample) |
|--------------------------------|---------------|--|
| Issued addresses | 1,796 | |
| Eligible sample | 1,601 | |
| Completes* | 942 | 59 |
| Unproductive interviews | 68 | 4 |
| Refusals | 318 | 20 |
| Non contacts | 272 | 17 |

Table 4.3 Response Rates: 2003

| | Number | % Response Rate (Eligible sample) |
|--------------------------------|---------------|--|
| Issued addresses | 1,685 | |
| Eligible sample | 1,480 | |
| Completes* | 959 | 65 |
| Unproductive interviews | 70 | 5 |
| Refusals | 260 | 18 |
| Non contacts | 191 | 13 |

Table 4.4 Response Rates: 2001 - 2003

| | Number | % Response Rate (Eligible sample) |
|--------------------------------|---------------|--|
| Issued addresses | 5,198 | |
| Eligible sample | 4,606 | |
| Completes* | 2,835 | 62 |
| Unproductive interviews | 206 | 4 |
| Refusals | 885 | 19 |
| Non contacts | 679 | 15 |

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

5.0 Data analysis

Data analysis is carried out using SPSS and Lotus 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 2001 – December 2003)

Table 5.1.1 Sample profile by gender

| | Number of persons | Percentage | Census Percentage |
|----------------|--------------------------|-------------------|--------------------------|
| Male | 3284 | 48 | 49 |
| Female | 3564 | 52 | 51 |
| Missing | 12 | 0 | 0 |
| Total | 6860 | 100 | 100 |

Table 5.1.2 Sample profile by age

| | Number of persons | Percentage | Census Percentage |
|----------------|--------------------------|-------------------|--------------------------|
| 0 – 15 | 1543 | 22 | 23 |
| 16 – 24 | 730 | 11 | 13 |
| 25 – 44 | 1870 | 27 | 29 |
| 45 – 59 | 1299 | 19 | 17 |
| 60 – 74 | 952 | 14 | 12 |
| 75+ | 449 | 7 | 6 |
| Missing | 17 | 0 | 0 |
| Total | 6860 | 100 | 100 |

Table 5.1.3 Sample profile by area

| | Number of persons | Percentage | Census Percentage |
|----------------|--------------------------|-------------------|--------------------------|
| Belfast | 1021 | 15 | 16 |
| East | 3190 | 47 | 46 |
| West | 2640 | 38 | 38 |
| Missing | 9 | 0 | 0 |
| Total | 6860 | 100 | 100 |

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

6.0 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 within 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 2001 – 2003 as 960 with a confidence range of 14. Hence the confidence range is 946 to 974.

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 Miles per person per year by mode

| Mode | Estimate | Miles |
|------------------|--------------|-------------------------------|
| | | 95% confidence range + / - |
| Walk | 142 | 7 |
| Bicycle | 14 | 3 |
| Car driver | 3,028 | 123 |
| Car passenger | 1,720 | 66 |
| Car undefined | 29 | 12 |
| Motorcycle | 25 | 11 |
| Other private | 319 | 49 |
| Citybus | 37 | 7 |
| Ulsterbus | 239 | 26 |
| Other bus | 87 | 15 |
| NIR | 56 | 14 |
| Black taxi | 7 | 2 |
| Taxi | 71 | 9 |
| Other public | - | - |
| Undefined mode | 12 | 11 |
| All modes | 5,786 | 137 |

Table 6.2 Journey time per person per year by mode

| Mode | Estimate | Hours |
|------------------|------------|-------------------------------|
| | | 95% confidence range + / - |
| Walk | 52 | 2.7 |
| Bicycle | 2 | 0.4 |
| Car driver | 125 | 4.4 |
| Car passenger | 73 | 2.4 |
| Car undefined | 2 | 0.4 |
| Motorcycle | 1 | 0.3 |
| Other private | 11 | 1.7 |
| Citybus | 5 | 0.7 |
| Ulsterbus | 16 | 1.5 |
| Other bus | 5 | 0.8 |
| NIR | 2 | 0.6 |
| Black taxi | 1 | 0.3 |
| Taxi | 5 | 0.4 |
| Other public | 0 | 0.0 |
| Undefined mode | 1 | 0.3 |
| All modes | 299 | 5.1 |

Table 6.3 Mileage per person per year by purpose

Miles

| Purpose | Estimate | 95% confidence range + / - |
|--|-----------------|---------------------------------------|
| Commuting | 1,097 | 66 |
| Business | 558 | 64 |
| Education | 317 | 28 |
| Escort education | 120 | 13 |
| Shopping | 841 | 33 |
| Other escort | 352 | 27 |
| Personal business | 580 | 33 |
| Visit friends at private home | 767 | 38 |
| Visit friends elsewhere | 192 | 16 |
| Entertainment/ public social activities | 258 | 23 |
| Sport participate | 133 | 16 |
| Holiday base | 161 | 22 |
| Day trip | 266 | 25 |
| Other including just walk | 43 | 5 |
| Undefined purpose | 103 | 16 |
| All purposes | 5,786 | 137 |

Table 6.4 Number of journeys per person per year by mode

Journeys

| Mode | Estimate | 95% confidence range + / - |
|-----------------------|-----------------|---------------------------------------|
| Walk | 182 | 9 |
| Bicycle | 6 | 1 |
| Car driver | 413 | 14 |
| Car passenger | 248 | 8 |
| Car undefined | 4 | 2 |
| Motorcycle | 3 | 1 |
| Other private | 30 | 4 |
| Citybus | 10 | 2 |
| Ulsterbus | 29 | 3 |
| Other bus | 10 | 2 |
| NIR | 3 | 1 |
| Black taxi | 2 | 1 |
| Taxi | 19 | 2 |
| Other public | 0 | 0 |
| Undefined mode | 2 | 1 |
| All modes | 960 | 14 |

Table 6.5 Number of journeys per person per year by purpose

| Purpose | Estimate | Journeys |
|--|----------|-------------------------------|
| | | 95% confidence range + / - |
| Commuting | 138 | 6 |
| Business | 44 | 4 |
| Education | 80 | 5 |
| Escort education | 52 | 5 |
| Shopping | 191 | 6 |
| Other escort | 70 | 4 |
| Personal business | 127 | 5 |
| Visit friends at private home | 109 | 4 |
| Visit friends elsewhere | 32 | 2 |
| Entertainment/ public social activities | 35 | 2 |
| Sport participate | 19 | 2 |
| Holiday base | 5 | 1 |
| Day trip | 18 | 1 |
| Other including just walk | 29 | 3 |
| Undefined purpose | 10 | 1 |
| All purposes | 960 | 14 |

Table 6.6 Average journey length by mode

Miles

| Mode | Estimate | 95% confidence range + / - |
|-----------------------|-----------------|---------------------------------------|
| Walk | 0.7 | 0.1 |
| Bicycle | 2.3 | 0.2 |
| Car driver | 7.3 | 0.1 |
| Car passenger | 6.9 | 0.1 |
| Car undefined | 6.6 | 0.7 |
| Motorcycle | 9.4 | 1.6 |
| Other private | 10.8 | 0.4 |
| Citybus | 4.0 | 0.2 |
| Ulsterbus | 8.9 | 0.3 |
| Other bus | 9.0 | 0.7 |
| NIR | 20.5 | 1.4 |
| Black taxi | 3.2 | 0.2 |
| Taxi | 3.6 | 0.2 |
| Other public | - | - |
| Undefined mode | 7.4 | 1.6 |
| All modes | 6.0 | 0.1 |

Table 6.7 Average journey length by purpose

Miles

| Purpose | Estimate | 95% confidence range + / - |
|--|-----------------|---------------------------------------|
| Commuting | 7.9 | 0.1 |
| Business | 12.8 | 0.4 |
| Education | 3.9 | 0.1 |
| Escort education | 2.3 | 0.1 |
| Shopping | 4.4 | 0.1 |
| Other escort | 5.0 | 0.2 |
| Personal business | 4.6 | 0.1 |
| Visit friends at private home | 7.0 | 0.2 |
| Visit friends elsewhere | 5.9 | 0.3 |
| Entertainment/ public social activities | 7.4 | 0.3 |
| Sport participate | 6.9 | 0.4 |
| Holiday base | 29.8 | 2.2 |
| Day trip | 14.6 | 0.7 |
| Other including just walk | 1.5 | 0.1 |
| Undefined purpose | 10.6 | 0.9 |
| All purposes | 6.0 | 0.1 |

Table 6.8 Average journey time by mode

| Mode | Estimate | Miles |
|----------------|----------|-------------------------------|
| | | 95% confidence range + / - |
| Walk | 17 | 0.3 |
| Bicycle | 18 | 1.1 |
| Car driver | 18 | 0.1 |
| Car passenger | 18 | 0.2 |
| Car undefined | 21 | 1.0 |
| Motorcycle | 20 | 2.6 |
| Other private | 23 | 0.9 |
| Citybus | 28 | 0.7 |
| Ulsterbus | 34 | 0.6 |
| Other bus | 29 | 1.3 |
| NIR | 52 | 2.6 |
| Black taxi | 21 | 1.2 |
| Taxi | 14 | 0.3 |
| Other public | - | - |
| Undefined mode | 21 | 4.3 |
| All modes | 19 | 0.1 |

Appendix A: 2001-2003 Paper Questionnaires

Household Questionnaire

(Automatically computed)

PerNo

1..97

(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

Fill in the grid, starting with the head of household first, then all other people (adults and children (if applicable)) in household, in descending order of age (i.e. youngest last) within the household.

The HEAD OF HOUSEHOLD must by definition be a member of the household, and is the person (in order of precedence) who owns the household accommodation OR is legally responsible for the rent OR has the responsibility for the accommodation.

If none of the above apply (e.g. a separated woman or joint owners), the HoH is the person whom the adults agree to be the HoH. Generally it is the husband, or the elder of 2 persons of the same sex.

In the case of a single person sharing (e.g. students, unmarried employees, etc.), it is the person who is legally responsible for the accommodation/rent/contract/etc.

STRING[20]

(Ask always)

Relhoh

Relationship of ^Name TO HoH

NOTE THAT PERSON 1 SHOULD ALWAYS BE HoH

The HEAD OF HOUSEHOLD must by definition be a member of the household, and is the person (in order of precedence) who owns the household accommodation OR is legally responsible for the rent OR has the responsibility for the accommodation. If none of the above apply (e.g. a separated woman or joint owners), the HoH is the person whom the adults agree to be the HoH. Generally it is the husband, or the elder of 2 persons of the same sex.

In the case of a single person sharing (e.g. students, unmarried employee, etc.), it is the person who is legally responsible for the accommodation/rent/contract/etc.

- (1) Head of Household
- (2) Wife of HOH
- (3) Child of HOH\wife
- (4) Parent\grandparent of HOH\wife
- (5) Brother\sister of HOH\wife
- (6) Nephew\niece of HOH\wife
- (7) Grandchild of HOH\wife
- (8) Other relation of HOH\wife
- (9) Cohabitee
- (10) Other

(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 Note question asks for age LAST BIRTHDAY.

Be especially careful to check that if someone answers '16', they have actually had their 16th birthday and that they're not 15 and a bit. The distinction between 15 and 16 is vital because 15 is a child, and 16 is an adult. If a person is aged under 20, they are asked for their full date of birth at the next question.

(Ask if age > 15 from 2000 on)

MarStt

^HEADH Are you/is ^Name

RUNNING PROMPT - CODE FIRST THAT APPLIES

Ask as a running prompt and keep strictly to the order indicated. The definition of married is what the persons themselves define as married.

If someone says they are married/cohabiting and there is no spouse/partner in the household, please check if the partner is away from home working or for some other reason.

IF THEY HAVE BEEN AWAY CONTINUOUSLY FOR 6 MONTHS OR MORE THEY SHOULD NOT BE

INCLUDED AS RESIDENT AT THE ADDRESS. However, we need to know as a check that the marital status has not been miscoded.

If someone says they are married (rather than separated) although there is no spouse in the household, you may record them as married, but please add a comment in the questionnaire.

Same sex cohabiting couples - record their marital status as cohabiting if the information is volunteered.

- (1) Single, that is never married
- (2) Married and living with husband\wife
- (3) Married and separated from husband\wife
- (4) Divorced
- (5) Widowed
- (6) Cohabiting* option added in 2000

(Ask if age > 15

AND marstt = married and living with husband/wife)

MarChk

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

- (1) Yes
- (2) No

(Ask always)

Ethnic

Which of these groups do you/ does ^Name belong to?

SHOWCARD L

- (1) White
- (2) Black-Caribbean
- (3) Black-African
- (4) Other Black Groups
- (5) Indian
- (6) Pakistani
- (7) Bangladeshi
- (8) Chinese
- (9) None of these

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

LivTog

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

- (1) Yes
- (2) No
- (3) Same sex couple

(Ask always)

Joint

Do you jointly own or rent this accommodation?

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

(Read out to the Head of Household 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 Head of Household or his/her spouse.

NEVER USE THE TERM 'Head of Household' when talking to a respondent - it may be misunderstood or even give offence.

(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 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 ENTER CTR K.

IF RESPONDENT SAYS DON'T KNOW OR REFUSAL ENTER CTR K.

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

*(In 1999, the following question was asked to the Head of Household or his/her spouse. This was an alternative to the questions Nearbus1 & Nearbus2 that are now asked)

Nearbus

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.

- (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

** (In 1999/2000, the following question was asked to the Head of Household or his/her spouse. This was an alternative to the questions NearSta1 & NearSta2 that are now asked)

NearSta

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.

- (1) 6 minutes or less
- (2) 7-13 minutes
- (3) 14-26 minutes
- (4) 27-43 minutes
- (5) 44 minutes-60 minutes
- (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

***(In 1999, the following question was asked to the Head of Household or his/her spouse If: (NearSta = 7-13 minutes OR 14-26 minutes OR 27-43 minutes OR 44 minutes or longer OR Don't know OR Refusal). This was an alternative to the questions BusSta1 & BusSta2 that are now asked)

BusSta

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.

- (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)

IchEmp

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)

Diffoot

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)

Difbus

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) NOREFUSAL

(Ask if: Stat = Employee)

Mnage

RENT 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) NOREFUSAL

(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) NOREFUSAL

(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) NOREFUSAL

(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

REMIND 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

(Ask if: IndQn1 = face OR proxy

AND: Age > 15)

religi

I would like to ask you now about religion.

Would you tell me what religion you are?

If a respondent is unwilling to answer this question but you can see articles and objects in the room that give you a good idea of religious denomination, make a comment AFTERWARDS using the comments facility.

- (1) Yes
- (2) Unwilling to answer
- (3) No Religion

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

denomin

What is the denomination?

- (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) Jewish
- (11) Other Non-Christian
- (12) No religion

(Ask if: (IndQn1 = face OR proxy) and: religi = none)

brought

Would you tell me in what religion you were brought up?

- (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) Jewish
- (11) Other Non-Christian
- (12) No religion

(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

INTERVIEWER RECORD PHONE NUMBER IF RESPONDENT IS WILLING:

STRING[30]

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 (INLCUDES 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

* option not available in 1999

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) NOREFUSAL

(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