



Department for  
**Regional  
Development**  
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# Travel Survey for Northern Ireland Technical Report 2012-2014



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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 where averages have been calculated:

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

- = negligible (less than 0.5 (including 0))

Insufficient number of cases in the sample (..) includes analysis based on less than 50 journeys.

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 (TSNI) is based on the National Travel Survey as used in Great Britain up to 2012 (NTS coverage changed to England only from 2013). 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 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 84 per month during the time period 2012-2014.

The TSNI Headline Report 2012-2014, published in July 2015, is available at:

[http://www.drdni.gov.uk/index/statistics/stats-categories/northern\\_ireland\\_travel\\_survey.htm](http://www.drdni.gov.uk/index/statistics/stats-categories/northern_ireland_travel_survey.htm)

There will be a further in-depth TSNI report for 2012-2014 containing more detailed results published later this year (planned for December 2015). It will be available on the above website when it is published.

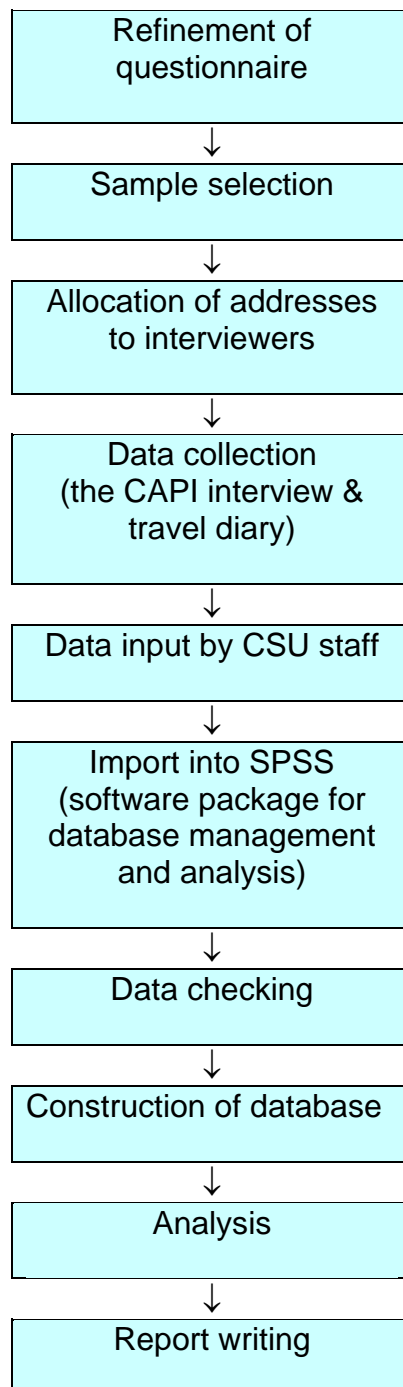
This Technical Report explains the methodology used to carry out the Travel Survey for Northern Ireland from January 2012 to December 2014.

## 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, Central Survey Unit, 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 work on 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 Pointer Database. The Pointer Database is managed by Land & Property Services (LPS) and Ordnance Survey Northern Ireland (OSNI) with input from Royal Mail. 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 Pointer Database 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 allocation. 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

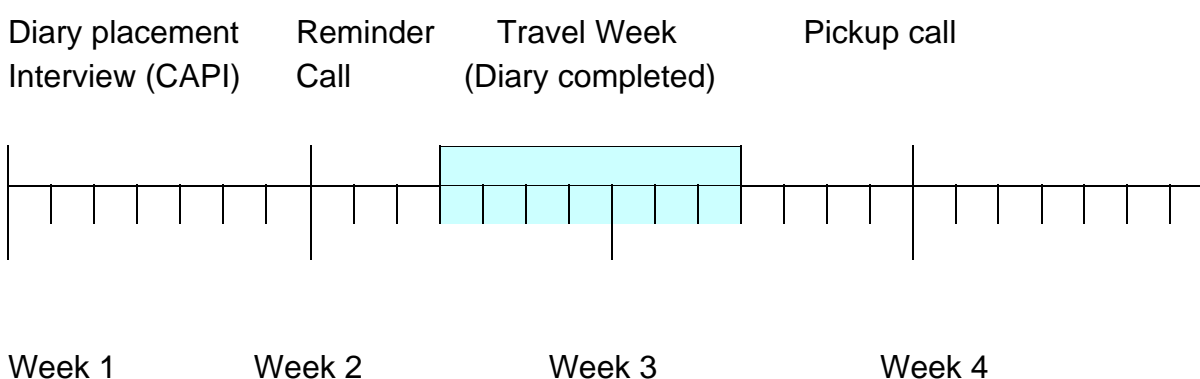
Every month each interviewer is allocated around 8 households to survey. Each address has been given a random start date for the travel week to ensure that travel start days are spread evenly across days of the week and weeks of the year. This also avoids any bias that may occur if respondents are allowed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

<b>SECTIONS</b>	<b>SUBJECT</b>
Household Section (In CAPI Interview)	Placement and Travel Week dates Household information, including name, age, sex, marital status, ethnic group Tenure, accommodation type 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 Transport Difficulties Cycling Walking Road accidents Religion Sexual Identity
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 carry out a 3G data transfer process 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 3G data transfer system enables interviewers to send their weekly data in to our 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.

Every month, an office supervisor sends out a short questionnaire to all 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 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.

Only information collected from households classified as fully complete or partial 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 TSNi response rates over the period 2012 to 2014.

**Table 4.1 Response rates: 2012**

	<b>Number</b>	<b>% Response Rate (Eligible sample)</b>
<b>Issued addresses</b>	1,740	
<b>Eligible sample</b>	1,443	100%
<b>Completes*</b>	1,028	71%
<b>Unproductive interviews</b>	-	-
<b>Refusals</b>	347	24%
<b>Non contacts</b>	65	5%

\* Includes Fully Complete and Partial responses

**Table 4.2 Response rates: 2013**

	<b>Number</b>	<b>% Response Rate (Eligible sample)</b>
<b>Issued addresses</b>	1,740	
<b>Eligible sample</b>	1,415	100%
<b>Completes*</b>	989	70%
<b>Unproductive interviews</b>	-	-
<b>Refusals</b>	353	25%
<b>Non contacts</b>	63	4%

\* Includes Fully Complete and Partial responses

**Table 4.3 Response rates: 2014**

	<b>Number</b>	<b>% Response Rate (Eligible sample)</b>
<b>Issued addresses</b>	1,740	
<b>Eligible sample</b>	1,425	100%
<b>Completes*</b>	1,001	70%
<b>Unproductive interviews</b>	-	-
<b>Refusals</b>	355	25%
<b>Non contacts</b>	66	5%

\* Includes Fully Complete and Partial responses

**Table 4.4 Response rates: 2012–2014**

	<b>Number</b>	<b>% Response Rate (Eligible sample)</b>
<b>Issued addresses</b>	5,220	
<b>Eligible sample</b>	4,283	100%
<b>Completes*</b>	3,018	70%
<b>Unproductive interviews</b>	-	-
<b>Refusals</b>	1,055	25%
<b>Non contacts</b>	194	5%

\* Includes Fully Complete and Partial responses

## 5 Data analysis

Data analysis is carried out using SPSS and Excel Spreadsheets. Tables have been compiled so that the Travel Survey for Northern Ireland data can be compared to the National Travel Survey data (NTS covers England only from 2013. It covered Great Britain up to 2012).

The tables in this section compare the demographic profile of the Travel Survey for Northern Ireland sample with that of the Northern Ireland population based on NISRA's mid-year estimates of population.

### 5.1 Sample profile (January 2012–December 2014)

**Table 5.1.1 Sample profile by gender**

	Number of persons	Percentage	Mid Year Estimates 2012 – 2014
<b>Male</b>	2,589	46%	49%
<b>Female</b>	3,046	54%	51%
<b>All persons</b>	5,635	100%	100%

**Table 5.1.2 Sample profile by age**

	Number of persons	Percentage	Mid Year Estimates 2012 – 2014
<b>0 – 15</b>	921	16%	21%
<b>16 – 24</b>	490	9%	12%
<b>25 – 44</b>	1,563	28%	27%
<b>45 – 59</b>	1,211	21%	20%
<b>60 – 74</b>	1,020	18%	14%
<b>75+</b>	430	8%	7%
<b>All Ages</b>	5,635	100%	100%

**Table 5.1.3 Sample profile by area**

	Number of persons	Percentage	Mid Year Estimates 2012-2014
<b>Belfast</b>	618	11%	15%
<b>East</b>	2,517	45%	46%
<b>West</b>	2,500	44%	39%
<b>All Areas</b>	5,635	100%	100%

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

## 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 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 2012–2014 as 908 with a confidence range of 14. Hence the 95% confidence range for the number of journeys is 894 to 922.

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 Average distance travelled per person per year by mode: 2012-2014**

Mode	Estimate	95% confidence range
		Miles +/-
Walk	164	9
Bicycle	28	7
Car driver	3,393	136
Car passenger	1,460	69
Car undefined	..	..
Motorcycle	11	8
Other private	399	63
Metro and Ulsterbus*	274	31
Other bus	64	20
NI Railways	111	24
Black taxi	..	..
Taxi	50	9
Other public	..	..
Undefined mode	..	..
<b>All modes</b>	<b>5,958</b>	<b>153</b>

\* See Travel Survey for Northern Ireland Headline Report 2012-2014 User Information section (page 12) for details about the combined Metro and Ulsterbus figure.



**Table 6.2 Journey time per person per year by main mode: 2012-2014**

Hours

Mode	Estimate	95% confidence range +/-
Walk	51	2.9
Bicycle	3	0.7
Car driver	139	4.8
Car passenger	60	2.5
Car undefined	..	..
Motorcycle	-	..
Other private	15	2.2
Metro and Ulsterbus*	18	1.7
Other bus	4	1.1
NI Railways	5	1.0
Black taxi	..	..
Taxi	3	0.6
Other public	..	..
Undefined mode	..	..
<b>All modes</b>	<b>299</b>	<b>5.6</b>

\* See Travel Survey for Northern Ireland Headline Report 2012-2014 User Information section (page 12) for details about the combined Metro and Ulsterbus figure.

**Table 6.3 Average distance travelled per person per year by purpose: 2012-2014**

Miles

Purpose	Estimate	95% confidence range +/-
Commuting	1,291	88
Business	493	68
Education	263	30
Escort education	156	16
Shopping	772	33
Other escort	434	31
Personal business	658	39
Visit friends at private home	701	41
Visit friends elsewhere	308	28
Entertainment/ public social activities	187	20
Sport participate	149	16
Holiday base	211	28
Day trip	262	27
Other including just walk	69	6
Undefined purpose	..	..
<b>All purposes</b>	<b>5,958</b>	<b>153</b>

**Table 6.4 Average number of journeys per person per year by main mode: 2012-2014**

Mode	Estimate	Number of journeys
		95% confidence range +/-
Walk	156	9
Bicycle	6	1
Car driver	453	14
Car passenger	200	8
Car undefined	-	..
Motorcycle	1	1
Other private	35	4
Metro and Ulsterbus*	33	3
Other bus	6	1
NI Railways	6	1
Black taxi	-	..
Taxi	13	2
Other public	-	..
Undefined mode	-	..
<b>All modes</b>	<b>908</b>	<b>14</b>

\* See Travel Survey for Northern Ireland Headline Report 2012-2014 User Information section (page 12) for details about the combined Metro and Ulsterbus figure.

**Table 6.5 Average number of journeys per person per year by purpose: 2012-2014**

Purpose	Estimate	Number of journeys
		95% confidence range +/-
Commuting	140	6
Business	34	4
Education	57	4
Escort education	66	6
Shopping	163	5
Other escort	77	5
Personal business	117	5
Visit friends at private home	92	4
Visit friends elsewhere	37	3
Entertainment/ public social activities	25	2
Sport participate	28	2
Holiday base	6	1
Day trip	19	2
Other including just walk	45	4
Undefined purpose	-	..
<b>All purposes</b>	<b>908</b>	<b>14</b>

**Table 6.6 Average journey length by main mode: 2012-2014**

Miles

Mode	Estimate	95% confidence range +/-
Walk	1.0	0.0
Bicycle	5.0	0.6
Car driver	7.5	0.1
Car passenger	7.3	0.1
Car undefined	..	..
Motorcycle	13.1	3.6
Other private	11.4	0.5
Metro and Ulsterbus*	8.5	0.3
Other bus	11.3	1.4
NI Railways	21.5	1.4
Black taxi	..	..
Taxi	3.9	0.3
Other public	..	..
Undefined mode	..	..
<b>All modes</b>	<b>6.6</b>	<b>0.1</b>

\* See Travel Survey for Northern Ireland Headline Report 2012-2014 User Information section (page 12) for details about the combined Metro and Ulsterbus figure.

**Table 6.7 Average journey length by purpose: 2012-2014**

Miles

Purpose	Estimate	95% confidence range +/-
Commuting	9.2	0.2
Business	14.6	0.6
Education	4.6	0.2
Escort education	2.4	0.1
Shopping	4.7	0.1
Other escort	5.6	0.2
Personal business	5.6	0.2
Visit friends at private home	7.6	0.2
Visit friends elsewhere	8.2	0.4
Entertainment/ public social activities	7.5	0.4
Sport participate	5.3	0.3
Holiday base	33.7	2.1
Day trip	13.7	0.7
Other including just walk	1.5	0.0
Undefined purpose	..	..
<b>All purposes</b>	<b>6.6</b>	<b>0.1</b>

**Table 6.8 Average journey time by main mode: 2012-2014**

Minutes

<b>Mode</b>	<b>Estimate</b>	<b>95% confidence range +/-</b>
<b>Walk</b>	20	0.3
<b>Bicycle</b>	31	2.4
<b>Car driver</b>	18	0.2
<b>Car passenger</b>	18	0.2
<b>Car undefined</b>	..	..
<b>Motorcycle</b>	..	..
<b>Other private</b>	25	1.0
<b>Metro and Ulsterbus*</b>	32	0.6
<b>Other bus</b>	37	4.0
<b>NI Railways</b>	52	2.4
<b>Black taxi</b>	..	..
<b>Taxi</b>	16	1.0
<b>Other public</b>	..	..
<b>Undefined mode</b>	..	..
<b>All modes</b>	20	0.1

\* See Travel Survey for Northern Ireland Headline Report 2012-2014 User Information section (page 12) for details about the combined Metro and Ulsterbus figure.

## Appendix A: 2012-2014 Paper questionnaires

### Household Questionnaire

*(Automatically computed)*

#### PerNo

1..97

*(Read out to the Household Reference Person (HRP) 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

*(Ask to the HRP or his/her spouse)*

#### Numpers

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

How many people are there in this household, that is, people whose main residence this is and who share cooking facilities, and share either a living room, sitting room, or dining area 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

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) Household Reference Person
- (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)

**MarStt** (used from 2012 on)

Are you/is ^Name currently...

RUNNING PROMPT - CODE FIRST THAT APPLIES:

- (1) Single, that is never married and never registered in a same-sex civil partnership
- (2) Married and living with husband/wife
- (3) In a registered same-sex civil partnership and living with your partner
- (4) Separated, but still legally married
- (5) Divorced
- (6) Or Widowed?
- (7) Spontaneous only - Separated, but still legally in a same-sex civil partnership
- (8) Spontaneous only - Formerly a same-sex civil partner, the Civil Partnership now legally dissolved
- (9) Spontaneous only - A surviving civil partner: his/her partner having since died.

(Ask if MarStt = married and living with husband/wife OR same-sex civil partnership and living with partner)

**MarChk**

ASK OR RECORD

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

- (1) yes
- (2) no

(Ask always)

**Ethnic** (used from 2011 on)

SHOWCARD

What is your/^Name's ethnic group? Choose one option that best describes your/^Name's ethnic group or background:

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

- (1) White,
- (2) Irish Traveller
- (3) White and Black Caribbean
- (4) White and Black African
- (5) White and Asian
- (6) Any other Mixed/Multiple ethnic Background
- (7) Indian
- (8) Pakistani
- (9) Bangladeshi
- (10) Chinese
- (11) Any other Asian background
- (12) African
- (13) Caribbean
- (14) Any other Black/African/Caribbean Background
- (15) Arab
- (16) Any other ethnic group

**EthnicOt** (used from 2011 on)

^HEADH: Please can you describe your ethnic group?

Enter description of ethnic group.

: STRING[100]

(Ask if (age >15) AND NOT (MarStt = married and living with husband/wife OR same-sex civil partnership and living with partner))

**LivTog**

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 to the HRP or his/her spouse)

**Joint**

Does ^Name/you jointly own or rent this accommodation?

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

(Ask to the HRP or his/her spouse)

**ResLen**

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

First, how many years has HRP 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

Answer categories changed in **ResLen** in May 2013

to: : (1) less than 3 months,  
(2) 3 - 6 months,  
(3) 6-12 months,  
(4) more than 12 months

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

**OldAdd**

Is HRP'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 HRP or his/her spouse)*

**Tenure** (used from 2012 on)

SHOWCARD

In which of these ways do you occupy this accommodation?

INTERVIEWER READ OUT:

- (1) Own it outright
- (2) Buying it with the help of a mortgage/loan
- (3) Pay part rent and part mortgage (shared ownership)
- (4) Rent it
- (5) Live here rent-free (including rent-free in relatives/friends property; excluding squatting)
- (6) Squatting?

*(Ask to the HRP or his/her spouse if Tenure = rent OR rent free)*

**Furnish**

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

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

*(Ask to the HRP or his/her spouse)*

**(Accommod & AccomOth added in 2013)**

**Accommod** ^htitle INTERVIEWER PLEASE RECORD THE TYPE OF BUILDING ATIN WHICH ADDRESS IS LOCATED:

- (1) Whole house detached
- (2) Whole bungalow detached
- (3) Whole house\bungalow - semi-detached
- (4) Terraced house or terraced bungalow
- (5) Purpose-built flat or maisonette
- (6) Part of house\converted flat or maisonette in house
- (7) Rooms in flat\maisonette or house
- (8) Dwelling with business premises
- (9) Rural cottage
- (10)Other (specify)?

**AccomOth** ^htitle PLEASE SPECIFY TYPE OF ACCOMMODATION: STRING[40]

*(Ask to the HRP 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 HRP 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 HRP 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 HRP 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 HRP or his/her spouse)

(5) 27-43 minutes

(6) 44 minutes or longer

### 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 HRP 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 HRP 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 HRP or his/her spouse if 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

(Ask to the HRP or his/her spouse if NearSta2 <> 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 HRP 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 HRP or his/her spouse if IfBike = Yes)

### NoBike

How many bicycles does your household have?

1..9

(Ask to the HRP 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)

(Ask to the HRP 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

*(Ask to the HRP 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 HRP 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 HRP 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

## 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

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

### Difffoot

I am now going 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

(Ask if: IndQn1 = face OR proxy & 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

(Ask if: IndQn1 = face OR proxy & 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

(Ask if: IndQn1 = face OR proxy & 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

(Ask to All)

### TRVBUS

 (added in 2012)

SHOW CARD

I would now like to ask you some questions about travelling on buses and trains. How often do you travel on a bus?

IF RESPONDENT TRAVELS EVERY WORKING DAY/SCHOOL DAY BUT NOT WEEKENDS THEN CODE AS EVERY DAY. ONLY INCLUDE TRAVEL WITHIN NORTHERN IRELAND. CODE FIRST THAT APPLIES:

- (1) Every day
- (2) At least once a week
- (3) At least once every 2-3 weeks
- (4) At least once a month
- (5) Once every 2-3 months
- (6) Once every 6 months
- (7) Once a year
- (8) Less frequently
- (9) Never

(Ask to All)

### TRVTRAIN

 (added in 2012)

SHOW CARD

How often do you travel on a train?

IF RESPONDENT TRAVELS EVERY WORKING DAY/SCHOOL DAY BUT NOT WEEKENDS THEN CODE AS EVERY DAY. ONLY INCLUDE TRAVEL WITHIN NORTHERN IRELAND. CODE FIRST THAT APPLIES:

- (1) Every day
- (2) At least once a week
- (3) At least once every 2-3 weeks
- (4) At least once a month
- (5) Once every 2-3 months
- (6) Once every 6 months
- (7) Once a year
- (8) Less frequently
- (9) Never

(Ask if: IndQn1 = face & Age > 15)

### SATPUB

 (added in 2012)

Thinking about your local public transport services. By local, I mean services which operate near your home. Are you satisfied with your local public transport services?:

- (1) Yes
- (2) No
- (3) Dont use local public transport

(Ask if: IndQn1 = face & Age > 15)

**IMPPT** (added in 2012)

SHOW CARD

What improvements could be made to encourage you to use local public transport services more often?

Please use this card and mention up to six.

- (1) Better provision for older or disabled people
- (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) Cleaner, better maintained trains/ train stations/buses/bus shelters/stations
- (13) Better lighting at train stations/ bus shelters/stations at night
- (14) More bus lanes to speed up journey
- (15) Other (Please specify)
- (16) I already use local public transport as much as I can (SPONTANEOUS)
- (17) There are no improvements necessary (SPONTANEOUS)
- (18) Nothing would encourage me to use local public transport more often (SPONTANEOUS)

(Ask if: IMPPT = other)

**ImpOth** (added in 2012)

Please specify other answer

STRING [60]

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

**PARKRIDE** (added in 2012)

SHOW CARD

Park n Ride is when the car you are travelling in is parked in a designated Park 'n' Ride car park and you take a bus or train to your destination. How often do you use Park 'n' Ride?

INCLUDE IF DRIVER OR PASSENGER IN A CAR/VAN USING PARK 'N' RIDE.

IF RESPONDENT USES PARK 'N' RIDE EVERY WORKING DAY BUT NOT WEEKENDS THEN CODE AS 'EVERY DAY'. ONLY INCLUDE USE OF PARK 'N' RIDE IN NORTHERN IRELAND.

CODE FIRST THAT APPLIES:

- (1) Every day
- (2) At least once a week
- (3) At least once every 2-3 weeks
- (4) At least once a month
- (5) Once every 2-3 months
- (6) Once every 6 months
- (7) Once a year
- (8) Less frequently
- (9) Never

(Ask if: (IndQn1 = face OR proxy) AND (Age >= 4 AND Age <= 18))

**TRAVSCH** (added in 2014)

^displin. I'd now like to ask about school journeys made by children and young people. How do you (the child/young person) usually travel to school or college?

IF CHILD/YOUNG PERSON DOES NOT GO TO SCHOOL OR COLLEGE, SELECT OPTION 9. CODE ONE ONLY, FOR THE LONGEST PART, BY DISTANCE, OF THE RESPONDENT'S USUAL JOURNEY TO SCHOOL OR COLLEGE.

IF DIFFERENT METHODS USED TO AND FROM SCHOOL, CODE METHOD TO SCHOOL.

IF DIFFERENT METHODS USED ON DIFFERENT DAYS, CODE METHOD USED MOST OF THE TIME:

- (1) Walk
- (2) Bicycle
- (3) Car/van
- (4) Motorcycle/Moped/Motorised scooter
- (5) Bus/Minibus/Coach
- (6) Train
- (7) Taxi/minicab
- (8) Other (please specify)
- (9) Does not go to school or college,

(Ask if: TRAVSCH = other)

**TRAVOTH** (added in 2014)

Please specify what other way you (the child/young person) usually travels to school or college

STRING [60]

(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

- (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?

- (1) Yes
- (2) No

(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) & (Age > 15) & (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) & (Age > 15) & (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

(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

(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

(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

(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

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

**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?

(Travel to work question changed from **WkTrav** to **WkTraNew** in 2012)

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

#### **WkTraNew**

How do you usually travel to work?

PROBE FOR MAIN METHOD. IF RESPONDENT ANSWERS CAR OR VAN, PROBE FOR IF 'USUALLY DRIVER', 'USUALLY PASSENGER' OR 'SOMETIMES DRIVER, SOMETIMES PASSENGER':

- (1) Car/van-usually the driver
- (2) Car/van-usually the passenger
- (3) Car/van-sometimes driver and sometimes passenger
- (4) Motorbike/Moped/Scooter
- (5) Bicycle
- (6) Bus/Minibus/Coach
- (7) NIR train
- (8) Taxi/minicab
- (9) Walk
- (10) Other

(Ask if: WkTraNew = other)

#### **XWKTrav**

Please record how respondent usually travels to work.

STRING[40]

(Ask if WkTraNew = option 1, 2 or 3, i.e. car/van)

#### **NoPeople** (added in 2012)

How many people would normally be in the car/van when you are travelling to work (including yourself)? INCLUDE ALL CHILDREN AND ADULTS IN THE CAR/VAN. IF NUMBER VARIES DURING THE WEEK, INCLUDE THE NUMBER WHO MAKE THE JOURNEY AT LEAST 3 DAYS DURING THE WEEK. IF NUMBER VARIES FROM WEEK TO WEEK, STATE NUMBER DURING THE WEEK OF THE SURVEY. IF NUMBER VARIES DURING THE JOURNEY, STATE MAXIMUM NUMBER DURING JOURNEY:

1..10

(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 or card of any kind allowing discounted or free travel?

- (1) Yes
- (2) No

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

#### **tictype** (wording used from 2011)

##### SHOWCARD

Using the showcard please select which ticket(s), travel card(s), and/or pass(es) you have...:

SELECT UP TO [3] OF

- (1) Metro Smartlink multi journey card
- (2) Metro Smartlink Travelcard (weekly)
- (3) Metro Smartlink Travelcard (monthly)
- (4) Ulsterbus Smartlink multi journey card
- (5) Ulsterbus Town Service Smartlink Travelcard (weekly)
- (6) Ulsterbus Town Service Smartlink Travelcard (monthly)
- (7) Sunday Rambler ticket (Ulsterbus)
- (8) NI Railways 7 Day Weekly ticket
- (9) NI Railways Monthly ticket
- (10) Sunday Day Tracker (NI Railways)
- (11) Enterprise Cross-border Contract Tickets (20 rail journeys)
- (12) Enterprise 7 Day Weekly Ticket (cross-border rail)
- (13) Enterprise Monthly Ticket (cross-border rail)
- (14) Park and Ride multi journey card
- (15) iLink Travelcard (weekly)
- (16) iLink Travelcard (monthly)
- (17) Annual Commuter Travelcard
- (18) Freedom of Northern Ireland
- (19) Family Day Ticket
- (20) Jobseekers permit
- (21) Education and Library Board school travel pass (free travel)
- (22) Translink Pupil Pass card (discounted travel)
- (23) Translink Student Discount card (available if in full time education)
- (24) 16-21 Rail Discount card (available if aged 16-21)
- (25) Senior Smartpass (aged 65+)
- (26) 60+ Smartpass (aged 60-64)
- (27) Blind Smartpass
- (28) War Disablement Smartpass
- (29) Half Fare Smartpass
- (30) Emerald card
- (31) Inter-rail ticket
- (32) Other

#### **Tictype** showcard options changed in 2014 to:

- (1) Metro Smartlink multi journey card
- (2) Metro Smartlink Travelcard (weekly)
- (3) Metro Smartlink Travelcard (monthly)
- (4) Ulsterbus Smartlink multi journey card
- (5) Ulsterbus Town Service Smartlink Travelcard (weekly)
- (6) Ulsterbus Town Service Smartlink Travelcard (monthly)
- (7) NI Railways 7 Day Weekly ticket
- (8) NI Railways Monthly ticket
- (9) mLink (3 day flexi/weekly/monthly - rail ticket purchased on mobile phone)
- (10) Enterprise cross-border rail tickets (contract tickets/weekly/monthly)
- (11) Education and Library Board school travel pass (free travel)
- (12) Translink Pupil Pass card (discounted travel)

- (13) yLink (available if aged 16-23)
- (14) Park and Ride multi journey card
- (15) iLink Travelcard (weekly/monthly)
- (16) Annual Commuter Travelcard or TaxSmart (annual bus travel card)
- (17) Jobseekers permit
- (18) Senior Smartpass (aged 65+)
- (19) 60+ Smartpass (aged 60-64)
- (20) Blind Smartpass or War Disablement Smartpass
- (21) Half Fare Smartpass
- (22) Employee/Family of employee travel pass
- (23) Other

*(Ask if: Tictype = other)*

**othtic**

Please specify other ticket  
STRING[50]

*(Introduction to Transport Difficulties Section)*

**Intdiff**

I am now going to ask you some questions about Transport Difficulties.

*(Ask if: WkTraNew = car/van OR motorbike/moped/scooter (options 1 to 4))*

**CarW**

I am now going to ask a few questions about how easy or difficult you find it to make different types of journeys, and why. Do you usually experience any difficulties with travelling to or from work by ^ (method selected in question 'WkTraNew')

IF YES, PROBE: What difficulties?

CODE ALL THAT APPLY:

- (1) No, no difficulties {exclusive code}
- (2) Too far/long journey
- (3) Cost of petrol
- (4) Lack of parking facilities
- (5) Cost of parking
- (6) Personal disability
- (7) Concerns over personal safety
- (8) Traffic congestion/roadworks
- (9) The weather
- (10) Other (specify)

*(Ask if: CarW = other)*

**XCarW**

Please specify other answer:  
STRING [60]

*(Ask if: More than one option selected in CarW)*

**CarWM**

And which one of these things creates most difficulty?

CODE ONE ONLY

- (1) No, no difficulties {exclusive code}
- (2) Too far/long journey
- (3) Cost of petrol
- (4) Lack of parking facilities
- (5) Cost of parking
- (6) Personal disability
- (7) Concerns over personal safety
- (8) Traffic congestion/roadworks
- (9) The weather
- (10) Other (specify)

*(Ask if: CarWM = other)*

**XCarWM**

Please specify other answer:  
STRING [60]

*(Ask if: WkTraNew = car/van OR motorbike/moped/scooter (options 1 to 4))*

**CarWEas**

SHOW CARD M.

Suppose for some reason you could not use a ^ (method selected in question 'WktraNew') for travelling to or from work. How easy or difficult would it be to make this journey some other way? If the journey is more difficult one way than the other (e.g. can get bus there but no bus for return journey), code for most difficult journey:

- (1) Very easy
- (2) Quite easy
- (3) Neither easy nor difficult
- (4) Quite difficult
- (5) Very difficult

*(Ask if: CarWEas = Quite or very difficult)*

**CarWY**

Why would this be difficult?

CODE ALL THAT APPLY:

- (1) Too far/long journey
- (2) Journey not possible by public transport
- (3) Unreliable public transport
- (4) Cost of using public transport/taxis
- (5) Poor information about public transport services
- (6) Poor connections
- (7) Finds public transport unpleasant
- (8) Personal disability
- (9) Concerns over personal safety
- (10) Traffic congestion/roadworks
- (11) Difficulties with dropping other people off on the way
- (12) The weather
- (13) Other (specify)

(Ask if: CarWY = other)

**XCarWY**

Please specify other answer:  
STRING [60]

(Ask if: More than one option selected in CarWY)

**CarWYM**

And which one of these things would create most difficulty for you?

CODE ONE ONLY

- (1) Too far/long journey
- (2) Journey not possible by public transport
- (3) Unreliable public transport
- (4) Cost of using public transport/taxis
- (5) Poor information about public transport services
- (6) Poor connections
- (7) Finds public transport unpleasant
- (8) Personal disability
- (9) Concerns over personal safety
- (10)Traffic congestion/roadworks
- (11)Difficulties with dropping other people off on the way
- (12)The weather
- (13)Other (specify)

(Ask if: CarWYM = other)

**XCarWYM**

Please specify other answer:  
STRING [60]

(Ask if: WkTraNew = bicycle OR bus OR train OR taxi OR walk OR other (options 5 to 10))

**OthW**

I am now going to ask a few questions about how easy or difficult you find it to make different types of journeys, and why. Do you usually experience any difficulties with travelling to or from work by ^ (method selected in question WkTraNew)?

IF YES, PROBE: What difficulties?

CODE ALL THAT APPLY:

- (1) No, no difficulties, {exclusive code}
- (2) Too far/long journey
- (3) Journey not possible by public transport
- (4) Unreliable public transport
- (5) Cost of using public transport/taxis
- (6) Poor information about public transport services
- (7) Poor connections
- (8) Finds public transport unpleasant
- (9) Personal disability
- (10)Concerns over personal safety

- (11)Traffic congestion/roadworks
- (12)The weather
- (13)Other (specify)

(Ask if: OthW = other)

**XOthW**

Please specify other answer:  
STRING [60]

(Ask if: More than one option selected in OthW)

**OthWM**

And which one of these things creates most difficulty?

CODE ONE ONLY:

- (1) No, no difficulties, {exclusive code}
- (2) Too far/long journey
- (3) Journey not possible by public transport
- (4) Unreliable public transport
- (5) Cost of using public transport/taxis
- (6) Poor information about public transport services
- (7) Poor connections
- (8) Finds public transport unpleasant
- (9) Personal disability
- (10)Concerns over personal safety
- (11)Traffic congestion/roadworks
- (12)The weather
- (13)Other (specify)

(Ask if: OthWM = Other)

**XOthWM**

Please specify other answer:  
STRING [60]

(Ask if: WkTraNew ≠ car/van and household has at least 1 car available and respondent has full driving licence)

**CarWN**

(Does/Do any of) your household's car/van(s) usually stay at home, unused, while you are at work?

IF UNUSED, PROBE: Are you insured to drive it?:

- (1) No, (all) car(s) usually in use by others
- (2) Car(s) unused, but respondent not insured to drive it
- (3) Car unused and respondent is insured to drive it

(Ask if: CarWN = option 3)

**CarWNY**

What are the reasons you don't use the car to get to or from work?

CODE ALL THAT APPLY:

- (1) Quicker by (^answer in 'WkTraNew')
- (2) Cheaper by (^answer in 'WkTraNew')



- (3) Enjoys using (^answer in 'WkTraNew')
- (4) Healthier to use (^answer in 'WkTraNew')
- (5) Can work/rest/read on train/bus etc.
- (6) Too far/long journey
- (7) Don't have current driving licence/can't drive
- (8) Don't like driving
- (9) Cost of petrol
- (10)Lack of parking facilities
- (11)Cost of parking
- (12)Personal disability
- (13)Concerns over personal safety
- (14)Traffic congestion/roadworks
- (15)Environmental concerns
- (16)Other (specify)

(Ask if: CarWNY = other)

**XCarWNY**

Please specify other answer:  
STRING [60]

(Ask if: More than one option selected in CarWNY)

**CarWNYM**

And what is the main reason?  
CODE ONE ONLY:

- (1) Quicker by (^answer in 'WkTraNew')
- (2) Cheaper by (^answer in 'WkTraNew')
- (3) Enjoys using (^answer in 'WkTraNew')
- (4) Healthier to use (^answer in 'WkTraNew')
- (5) Can work/rest/read on train/bus etc.
- (6) Too far/long journey
- (7) Don't have current driving licence/can't drive
- (8) Don't like driving
- (9) Cost of petrol
- (10)Lack of parking facilities
- (11)Cost of parking
- (12)Personal disability
- (13)Concerns over personal safety
- (14)Traffic congestion/roadworks
- (15)Environmental concerns
- (16)Other (specify)

(Ask if: CarWNYM = other)

**XCarWNYM**

Please specify other answer:  
STRING [60]

(Ask if: More than 1 person recorded in the household grid)

**WhoShop**

(I'm now going to ask a few questions about how easy or difficult you find it to make different types of

journeys, and why, but first)

Can I just check...Do you usually do your main food shopping or would someone else in the household do this?

IF THIS IS DONE JOINTLY, THEN ONLY RECORD THE INFORMATION FOR ONE OF THE JOINT SHOPPERS, I.E. ANSWER YES FOR ONE OF THE RESPONDENTS AT THIS QUESTION AND NO FOR THE OTHER(S):

- (1) Yes, main food shopper
- (2) Not the main food shopper

(Ask if: Only 1 person in h'hold OR WhoShop = Yes)

**TravSh**

How do you usually travel when you do your main food shopping?

CODE ONE ONLY, FOR THE LONGEST PART, BY DISTANCE, OF THE RESPONDENT'S USUAL JOURNEY TO THE SHOPS. IF DIFFERENT METHOD TO GET TO SHOPS AND RETURN HOME, CODE METHOD TO GET HOME. IF NO USUAL METHOD, ASK ABOUT THE LAST TIME:

- (1) Train
- (2) Bus, minibus or coach
- (3) Motorcycle, scooter or moped
- (4) Car or van
- (5) Taxi/minicab
- (6) Bicycle
- (7) On foot
- (8) Does shopping online/shopping is delivered  
*(option 8 added in 2011)\**
- (97) Other (specify)

\*Note that wording for **TravSh** option 8 (see above) changed in 2014 to "Does shopping online/shopping is delivered/shopping done by friend, relative or carer"

(Ask if: TravSh = other)

**XTravSh**

Please specify other answer:  
STRING [60]

(Ask if: TravSh = Car OR Motorbike)

**CarS**

Do you usually experience any difficulties with travelling by ^(method selected at question TravSh) when you do your main food shopping?

IF YES, PROBE: What difficulties?

CODE ALL THAT APPLY:

- (1) No, no difficulties {exclusive code}
- (2) Too far/long journey
- (3) Cost of petrol
- (4) Lack of parking facilities
- (5) Cost of parking

- (6) Personal disability
- (7) Concerns over personal safety
- (8) Traffic congestion/roadworks
- (9) The weather
- (10)Other (specify)

*(Ask if: CarS = other)*

**XCarS**

Please specify other answer:

STRING [60]

*(Ask if: More than one option selected in CarS)*

**CarSM**

And which one of these things creates most difficulty?

CODE ONE ONLY

- (1) No, no difficulties (exclusive code)
- (2) Too far/long journey
- (3) Cost of petrol
- (4) Lack of parking facilities
- (5) Cost of parking
- (6) Personal disability
- (7) Concerns over personal safety
- (8) Traffic congestion/roadworks
- (9) The weather
- (10)Other (specify)

*(Ask if: CarSM = other)*

**XCarSM**

Please specify other answer:

STRING [60]

*(Ask if: TravSh = Car OR Motorbike)*

**CarSEas**

SHOW CARD M.

Suppose for some reason you could not use a ^ (method selected in question TravSh) for your main food shopping, how easy or difficult do you think it would be to make this journey some other way?

Please take your answer from this card.

If the journey is more difficult one way than the other (e.g. can get bus there but no bus for return journey), code for most difficult journey:

- (1) Very easy
- (2) Quite easy
- (3) Neither easy nor difficult
- (4) Quite difficult
- (5) Very difficult

*(Ask if: CarSEas = Quite or very difficult)*

**CarSY**

Why would this be difficult?

CODE ALL THAT APPLY:

- (1) Too far/long journey
- (2) Journey not possible by public transport
- (3) Unreliable public transport
- (4) Cost of using public transport/taxis
- (5) Poor information about public transport services
- (6) Poor connections
- (7) Finds public transport unpleasant
- (8) Personal disability
- (9) Concerns over personal safety
- (10)Traffic congestion/roadworks
- (11)Difficulties carrying the shopping
- (12)Difficulties managing with children
- (13)The weather
- (14)Other (specify)

*(Ask if: CarSY = other)*

**XCarSY**

Please specify other answer:

STRING [60]

*(Ask if: More than one option selected in CarSY)*

**CarSYM**

And which one of these things would create most difficulty for you?

CODE ONE ONLY:

- (1) Too far/long journey
- (2) Journey not possible by public transport
- (3) Unreliable public transport
- (4) Cost of using public transport/taxis
- (5) Poor information about public transport services
- (6) Poor connections
- (7) Finds public transport unpleasant
- (8) Personal disability
- (9) Concerns over personal safety
- (10)Traffic congestion/roadworks
- (11)Difficulties carrying the shopping
- (12)Difficulties managing with children
- (13)The weather
- (14)Other (specify)

*(Ask if: CarSYM = other)*

**XCarSYM**

Please specify other answer:

STRING [60]

(Ask if: TravSh =Train OR Bus OR Taxi OR Bicycle OR Foot OR Other)

**OthS**

Do you usually experience any difficulties with travelling by ^(method selected at question 'TravSh') when you do your main food shopping?

IF YES, PROBE: What difficulties?

CODE ALL THAT APPLY:

- (1) No, no difficulties {exclusive code}
- (2) Too far/long journey
- (3) Journey not possible by public transport
- (4) Unreliable public transport
- (5) Cost of using public transport/taxis
- (6) Poor information about public transport services
- (7) Poor connections
- (8) Finds public transport unpleasant
- (9) Personal disability
- (10)Concerns over personal safety
- (11)Traffic congestion/roadworks
- (12)Difficulties carrying the shopping
- (13)Difficulties managing with children
- (14)The weather
- (15)Other (specify)

(Ask if: OthS = other)

**XothS**

Please specify other answer:

STRING [60]

(Ask if: More than one option selected in OthS)

**OthSM**

And which one of these things creates most difficulty?

CODE ONE ONLY:

- (1) No, no difficulties {exclusive code}
- (2) Too far/long journey
- (3) Journey not possible by public transport
- (4) Unreliable public transport
- (5) Cost of using public transport/taxis
- (6) Poor information about public transport services
- (7) Poor connections
- (8) Finds public transport unpleasant
- (9) Personal disability
- (10)Concerns over personal safety
- (11)Traffic congestion/roadworks
- (12)Difficulties carrying the shopping
- (13)Difficulties managing with children
- (14)The weather
- (15)Other (specify)

(Ask if: OthSM = other)

**XothSM**

Please specify other answer:

STRING [60]

(Ask if: TravSh ≠ car and household has at least 1 car available and respondent has a car and a full driving licence)

**CarSN**

(Does/Do any of) your car/van(s) usually stay at home, unused, while you do the main food shopping?

IF UNUSED, PROBE: Are you insured to drive it?:

- (1) No, (all) car(s) usually in use by others
- (2) Car(s) unused, but respondent not insured to drive it
- (3) Car unused and respondent is insured to drive it

(Ask if: CarSN = option 3 )

**CarSNY**

What are the reasons you don't use the car for your main food shopping?

CODE ALL THAT APPLY

- (1) Quicker by (^answer in 'TravSh')
- (2) Cheaper by (^answer in 'TravSh')
- (3) Enjoys using (^answer in 'TravSh')
- (4) Healthier to use (^answer in 'TravSh')
- (5) Can work/rest/read on train/bus etc.
- (6) Too far/long journey
- (7) Don't have current driving licence/can't drive
- (8) Don't like driving
- (9) Cost of petrol
- (10)Lack of parking facilities
- (11)Cost of parking
- (12)Personal disability
- (13)Concerns over personal safety
- (14)Traffic congestion/roadworks
- (15)Environmental concerns
- (16)Other (specify)

(Ask if: CarSNY = other)

**XCarSNY**

Please specify other answer:

STRING [60]

(Ask if: More than one option selected in CarSNY)

**CarSNYM**

And what is the main reason?

CODE ONE ONLY :

- (1) Quicker by (^answer in 'TravSh')
- (2) Cheaper by (^answer in 'TravSh')

- (3) Enjoys using (^answer in 'TravSh')
- (4) Healthier to use (^answer in 'TravSh')
- (5) Can work/rest/read on train/bus etc.
- (6) Too far/long journey
- (7) Don't have current driving licence/can't drive
- (8) Don't like driving
- (9) Cost of petrol
- (10) Lack of parking facilities
- (11) Cost of parking
- (12) Personal disability
- (13) Concerns over personal safety
- (14) Traffic congestion/roadworks
- (15) Environmental concerns
- (16) Other (specify)

(Ask if: CarSNYM = other)

#### XCarSNYM

Please specify other answer:  
STRING [60]

(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)

#### Cyc

Have you ridden a bicycle during the last 12 months, that is since (date 12 months ago)?

- (1) Yes
- (2) No
- (3) Don't know/Can't remember

(Ask if: Cyc = Yes)

#### CYCOFT (added in 2012)

##### SHOWCARD

How often have you cycled either for leisure or with a purpose (e.g. travelling to work)?

PLEASE INCLUDE ALL CYCLE JOURNEYS WHETHER FOR LEISURE OR WITH A PURPOSE. ONLY INCLUDE TRAVEL WITHIN NORTHERN IRELAND. IF RESPONDENT CYCLES EVERY WORKING DAY/SCHOOL DAY BUT NOT WEEKENDS THEN CODE AS EVERY DAY. ONLY COUNT JOURNEYS WHERE BICYCLE IS RIDDEN

INDEPENDENTLY, I.E. DO NOT COUNT RIDING ON A CHILD SEAT OR BICYCLE ATTACHED TO AN ADULTS.

CODE FIRST THAT APPLIES:

- (1) Every day
- (2) At least once a week
- (3) At least once every 2-3 weeks
- (4) At least once a month
- (5) Once every 2-3 months
- (6) Once every 6 months
- (7) Once a year
- (8) Varies according to time of year - SPONTANEOUS

(Ask if: 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) AND (Age > 15) AND (Cyc = Yes))

#### CYCMORE (added in 2012)

##### SHOWCARD

Which, if any, of the following would encourage you to cycle more often?

CODE ALL THAT APPLY:

- (1) Living closer to services
- (2) More cycle lanes
- (3) Cycle lanes separated from roads
- (4) Safer cycling routes (e.g. more markings, signs to distinguish cycle lanes)
- (5) More pleasant cycling routes (e.g. greenways, by the river)
- (6) Keeping cycle lanes clear (e.g. no parked cars)
- (7) Less traffic
- (8) Slower traffic
- (9) Motorists who are more considerate to cyclists (e.g. taking more care when overtaking)
- (10) Better maintained roads
- (11) Better lighting on roads at night
- (12) Better weather
- (13) More bicycle docks so bicycle can be secured
- (14) Changing and showering facilities at destination
- (15) If I did not have things to carry
- (16) If I did not have children with me
- (17) If I was not worried about

crime/personal safety

- (18) Time of year e.g. I cycle more often during summer
- (19) Other (please specify)
- (20) I already cycle as much as I can (SPONTANEOUS)
- (21) Nothing would encourage me to cycle more often (SPONTANEOUS)

(Ask if: CYCMORE = other)

**MOREOTH** (added in 2012)

Please specify other answer:

STRING[100]

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

(Cyc = Yes))

**CYCNSAFE** (added in 2012)

SHOWCARD

Which, if any, of the following situations makes you feel unsafe when cycling on the road?

DO NOT INCLUDE OFF ROAD CYCLING. IF THE RESPONDENT ONLY CYCLES OFF ROAD. CODE 1 NEVER CYCLE ON THE ROAD, OPTION 16. CODE ALL THAT APPLY:

- (1) Heavy traffic e.g. rush hour traffic
- (2) Normal traffic even if travelling within the speed limit
- (3) Traffic travelling above the speed limit
- (4) Buses or lorries
- (5) Motorists driving without consideration of cyclists (e.g. dangerous overtaking)
- (6) If road condition is poor (e.g. potholes)
- (7) Narrow roads
- (8) Roadworks
- (9) If the roads are not well lit at night
- (10) Not enough cycle lanes
- (11) Cycle lanes not kept clear (e.g. parked cars)
- (12) Bad weather (e.g. wet or windy conditions)
- (13) Worry about crime/personal safety
- (14) Other (please specify)
- (15) I always feel safe cycling on the road (SPONTANEOUS)
- (16) I never cycle on the road (SPONTANEOUS)

(Ask if: CYCNSAFE = other)

**SAFEOTH** (added in 2012)

Please specify other answer:

STRING[100]

## NEW WALKING QUESTIONS ADDED FOR 2012

(Ask to All)

**WALKOFT** (added in 2012)

SHOWCARD

I would now like to ask you a few questions about walking. How often do you walk anywhere for 20 minutes or more, that is, walking either for leisure or with a purpose (e.g. to go to the shops)?

PLEASE INCLUDE ALL WALKS WHETHER FOR LEISURE OR WITH A PURPOSE. ONLY INCLUDE

TRAVEL WITHIN NORTHERN IRELAND. IF RESPONDENT WALKS 20 MINUTES EVERY WORKING DAY/SCHOOL DAY BUT NOT WEEKENDS THEN CODE AS EVERY DAY. CODE FIRST THAT APPLIES:

- (1) Every day
- (2) At least once a week
- (3) At least once every 2-3 weeks
- (4) At least once a month
- (5) Once every 2-3 months
- (6) Once every 6 months
- (7) Once a year
- (8) Less frequently
- (9) Never
- (10) Varies according to time of year (SPONTANEOUS)

(Ask if: (IndQn1 = face) AND (Age > 15) AND (WalkOft <> Never))

**WALKENC** (added in 2012)

SHOWCARD

Which, if any, of the following would encourage you to walk more often?

CODE ALL THAT APPLY

- (1) Living closer to services
- (2) More footpaths
- (3) Wider footpaths
- (4) Better maintained footpaths
- (5) More pleasant footpaths (e.g. greenways, by the river)
- (6) Better lighting on footpaths at night
- (7) Only pedestrians allowed on footpaths (e.g. no cyclists, skateboarders or scooters allowed)
- (8) More pedestrian only zones (no traffic allowed)
- (9) More pedestrian crossings
- (10) Keeping footpaths clear (e.g. no parked cars)
- (11) Less traffic
- (12) Slower traffic
- (13) Motorists who are more considerate to pedestrians (e.g. slowing down if pedestrian is crossing the road)
- (14) Better weather
- (15) Someone else to walk with
- (16) If I did not have things to carry
- (17) If I did not have children with me
- (18) If I was not worried about crime/personal safety
- (19) Time of year e.g. I walk more often during summer
- (20) Other (please specify)
- (21) I already walk as much as I can (SPONTANEOUS)
- (22) Nothing would encourage me to walk more often (SPONTANEOUS)

(Ask if: WALKENC = other)

**WALKENCO** (added in 2012)

Please specify other answer

STRING[100]

(Ask if: (IndQn1 = face) AND (Age > 15) AND NOT (WalkOff = Never OR Less Frequently))

**WALKNSAF** (added in 2012)  
**SHOWCARD**

Which, if any, of the following situations makes you feel unsafe when walking by the road?

CODE ALL THAT APPLY:

- (1) Heavy traffic e.g. rush hour traffic
- (2) Normal traffic even if travelling within the speed limit
- (3) Traffic travelling above the speed limit
- (4) Motorists driving without consideration of pedestrians (e.g. not slowing down if pedestrian is crossing the road)
- (5) Narrow footpath
- (6) No footpath
- (7) If condition of footpath is poor (e.g. uneven surface)
- (8) If footpath is not well lit at night
- (9) Roadworks (e.g. footpath temporarily closed due to roadworks)
- (8) Cyclists, Scooters, Skateboarders on the footpath
- (9) If footpaths are not kept clear (e.g. parked cars)
- (10) Bad weather (e.g. wet or windy conditions)
- (11) Walking on my own especially at night
- (14) Worry about crime/personal safety
- (15) Other (please specify)
- (16) I always feel safe when walking (SPONTANEOUS)
- (17) I never walk by the road (SPONTANEOUS)

(Ask if WALKNSAF = other)

**WALKOTH** (added in 2012)

Please specify other answer:  
STRING[100]

(Ask if: IndQn1 = face OR proxy)

**Genroadacc** (added in 2011)

In the last 3 years, that is since (date 3 years ago), have you been in any type of road accident involving at least one vehicle, no matter how minor, in which you were injured in some way?

Please include any accidents in which you were involved as a pedestrian, driver, passenger, cyclist or motorcyclist, even if no other party was involved. Only include accidents that happened on a public road, including pavements and cycle lanes on the public road.

INTERVIEWER: DO NOT INCLUDE INCIDENTS WHERE THE RESPONDENT WAS ONLY A WITNESS.

CODE ONE ONLY (IF RESPONDENT UNSURE OF NUMBER OF ACCIDENTS CODE OPTION 2)

- (1) No - not involved in any road accidents in which injured in last 3 years
- (2) Yes - involved in one road accident in which injured in last 3 years

- (3) Yes - involved in more than one road accident in which injured on last 3 years

(Ask if: (IndQn1 = face OR proxy) AND (Genroadacc = Yes one accident OR more than one accident))

**Accwhen** (added in 2011)

Did this accident/any of these accidents in which you were injured occur in the last 12 months?

CODE ONE ONLY (IF RESPONDENT UNSURE OF NUMBER OF ACCIDENTS CODE OPTION 2):

- (1) No - not involved in any road accidents in which injured in last 12 months
- (2) Yes - involved in one road accident in which injured in last 12 months
- (3) Yes - involved in more than one road accident in which injured on last 12 months

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

(Genroadacc = Yes one accident OR more than one accident))

**Accrec** (added in 2011)

I would now like to ask you some questions about the (most recent) road accident in which you were injured. Can I just check, as a result of your injuries, did you receive any medical attention in a hospital, at any time following the accident?

INTERVIEWER: CODE BOTH OPTIONS 2 AND 3 IF RESPONDENT ATTENDED ACCIDENT AND EMERGENCY AND WAS ALSO ADMITTED TO HOSPITAL

- (1) No, did not receive any medical attention in hospital
- (2) Yes, at accident and emergency
- (3) Yes, as an inpatient in hospital (at least one night spent on a hospital ward)

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

(Genroadacc = Yes one accident OR more than one accident))

**police** (added in 2011)

Were the police aware of the accident?

CODE FIRST THAT APPLIES:

- (1) Yes, they attended the scene of the accident
- (2) Yes, it was reported to the police at some point after the accident
- (3) No

(Ask if IndQn1 = face OR proxy)

**Disabil** (wording amended in 2012)

This question asks you about any health conditions, illnesses or impairments you may have. Can I just check... Do you have any physical or mental health conditions or illnesses lasting or expected to last for 12 months or more?:

- (1) Yes
- (2) No

(Ask if: Disabil = Yes)

**Disabil2** (wording amended in 2012)

Does your condition or illness/do any of your conditions or illnesses reduce your ability to carry-out day-to-day activities?:

- (1) Yes, a lot
- (2) Yes, a little
- (3) Not at all

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

**relq2**

What is your religion?:

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

(Ask if: relq2= any other religion)

**relq2ot**

Please describe other religion:

STRING [250]

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

**SIDFtFQn**

SHOWCARD 1

Which of the options on this card best describes how you think of yourself? Please just read out the number next to the description. The numbers on each card are different for each person.

- (15) Heterosexual/Straight
- (10) Gay/Lesbian
- (17) Bisexual
- (16) Other

(Ask if: IndQn1 = face OR proxy)

**dodiary**

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

**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.

(Note that *bavail* refers to household questionnaire)

(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]

(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 if make/model given and  
code available)

## 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



(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: 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) OR ((VehType = 4 wheel OR Lightvan) AND (KmorMile <> RESPONSE))))

**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 (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) AND ((AnMiles = response) and (UsualWk=response) and (CoursWk = response)) AND (AnMiles >= (UsualWk + CoursWk)))

[then otherm:=(AnMiles – UsualWk – CoursWk).

**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).

**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

(Calculated if: Cartowk = Yes)

(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)

### IntNum

INTERVIEWER NUMBER  
1..1000

(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)

### Nhhld

NUMBER OF HOUSEHOLDS AT THIS ADDRESS  
1..10

(Record always)

### Message

^HEAD. INTERVIEWER'S REMINDER. ANY NOTES  
ENTERED HERE WILL APPEAR AS REMINDERS  
WHEN THE OPTION TO SELECT QUESTIONNAIRE  
BY HOUTCOME IS CHOSEN. IF NO COMMENTS,  
PRESS 'ENTER' TO CONTINUE:

STRING[60]

(Record always)

### HStatus

Current Interview Status

Update this before transmission to head office. Once  
set to 3, it can only be changed to 4.:

- (1) *NoStart* No work done yet
- (2) *NoContact* Calls made but no contact
- (3) *ContactOnly* Contact made, no work done  
yet on questionnaire
- (4) *Start* Interview started/Any  
interviewing done
- (5) *Admin* Other - no interviewing  
required (e.g. ineligible,  
refusal)

(Record always)

### RespHH

Can you interview at this household?:

- (1) *Yes*,
- (2) *No*,
- (3) *Reall* Reallocate

(IF RespHH=Reall)

### Whyreall

Why are you reallocating this address?:

- (1) *Known* Known to me,
- (2) *Emerg* Emergency situation,
- (3) *Withdraw* Withdrawn by Area  
Manager

(Record always except when reallocation)

### HarmIntr (Harmonised outcomes)

To bring the Travel Survey into line with other surveys,  
you will now be asked a series of questions to  
determine a harmonised outcome code.

Press <1> to continue

: 1..1

(Record always except when reallocation)

### IntFin

Have you finished with this case?

- (1) Yes
- (2) No

(Record if RespHH = Yes and Intfin = Yes)

### Intsome

At the sampled address/household did you interview  
anyone?

- (1) Yes
- (2) No

(Record IF IntSome = no)

**Outsum** Was no one interviewed because...

- (1) EligNoInt they refused or couldn't be contacted?
- (2) InElig no-one eligible to be interviewed?
- (3) EligUncer there was insufficient evidence of eligibility?

**IndOut**

Record outcome for each individual.

Press <1> to continue

:1..1

(Record IF OutSum = InElig)

**Inelig1**

INTERVIEWER: Please record why this case was ineligible.

- (1) NotBuilt Not yet built/under construction
- (2) Demolish Demolished/derelict
- (3) Vacant Vacant/empty
- (4) NonRes Non-residential address
- (5) OccupNoRes Address occupied but no resident(s)
- (6) CommEst Communal establishment/institution
- (7) NoPerEI Resident household(s), but no person eligible for the survey
- (8) OthNEI Other non-eligible: give details

(Record IF OutSum = EligUncer)

**Uncer1**

INTERVIEWER:

Please record why eligibility is uncertain.

- (1) NotAttem Issued but not attempted
- (2) Inaccess Inaccessible
- (3) CantLoc Unable to locate Address
- (4) InfRefres Information refused about whether address contains residential housing

- (5) UnknownRes Unknown whether address is residential due to non contact
- (6) InfRefelig Information refused about whether there are eligible residents
- (7) UnknownElig Unknown whether there are eligible residents due to non-contact
- (8) RefScreen Refusal to complete screener
- (9) Screenotcom Screener not completed due to non-contact
- (10) OthUnCer Other unknown eligibility: give details

(Record IF OutSum = EligNoInt)

**NonSum**

INTERVIEWER: Was this...

- (1) outref An outright refusal including broken appointment
- (2) noncon a non contact, or
- (3) circref other non response, including ill at home, away, in hospital, respondent unable, language difficulties, data lost?

(Record IF NonSum = Outref)

**Ref1**

INTERVIEWER:

When did the respondent refuse to assist?

- (1) Offref To the office before contact by interviewer
- (2) befint To the interviewer before any interviewing started
- (3) Durint To the interviewer during the interview
- (4) Brokenappt Broken appointment, no re-contact
- (5) Othref Sampling Unit information refused

(Record IF Ref1 = Befint)

**Ref2**

INTERVIEWER: Was this a refusal...

- |     |         |   |
|-----|---------|---|
| (1) | byresp  | by the required respondent/selected person                      |
| (2) | byproxy | by proxy (non resident by proxy e.g. housesitter, housekeeper)? |

(Record IF Ref1= OthRef)

**Ref3**

INTERVIEWER: Was this a refusal because...

- |     |          |   |
|-----|----------|---|
| (1) | hholdref | information was refused about the number of dwellings/households at address |
| (2) | refpers  | or information was refused about persons within the household?              |

(Record IFNonSum=outref)

**Refreas**

INTERVIEWER: Please record reasons for refusal. (CODE UP TO THREE REASONS)

- |      |          |   |
|------|----------|---|
| (1)  | NoCredSv | Doesn't believe in surveys              |
| (2)  | AntiGovn | Anti-government                         |
| (3)  | InvsnPrv | Invasion of privacy                     |
| (4)  | Confid   | Concerns about confidentiality          |
| (5)  | CantBthr | Can't be bothered                       |
| (6)  | BadexpSv | Bad experience with previous surveys    |
| (7)  | DislSvln | Disliked survey matter                  |
| (8)  | TooBusy  | Genuinely too busy                      |
| (9)  | BadTBusy | Temporarily too busy                    |
| (10) | BadTPers | Personal problems                       |
| (11) | RefHQInt | Refusal to HQ after interviewer's visit |
| (12) | DisRec   | Put off by record keeping               |
| (13) | BadTAway | About to go away                        |
| (14) | LangProb | Language difficulties                   |
| (15) | TooOld   | Too old/infirm                          |
| (16) | SickHH   | Not capable                             |
| (17) | BroKAppt | Broken appointment(s)                   |
| (18) | Other    | Other                                   |

(Record IFNonSum = NonCon)

**Nonc1**

INTERVIEWER:

Please record the type of non-contact.

- |     |            |   |
|-----|------------|---|
| (1) | ncnoone    | No contact with anyone at address   |
| (2) | nodwellcon | Contact made but not with any member of sampled dwelling/household                                  |
| (3) | noresicon  | Contact made at sampled dwelling/household but not with any responsible resident.                   |
| (4) | noselcon   | Contact made with responsible member of sampled dwelling/household but not with selected respondent |

(Record IFNonSum = NonCon)

**Nonreas**

INTERVIEWER: Please record the main reason for non contact. (CODE UP TO 3)

- |      |           |  |
|------|-----------|--|
| (1)  | OddHours  | Working shifts/odd hours                     |
| (2)  | RareIn    | Rarely at address                            |
| (3)  | NoAnswer  | Will not answer door                         |
| (4)  | PosEmpty  | Think address is empty but could not confirm |
| (5)  | NoInfo    | No information gathered                      |
| (6)  | Sparline  | Spare telephone line                         |
| (7)  | Nunobtai  | Number unobtainable                          |
| (8)  | Wrongnum  | Wrong number                                 |
| (9)  | Telnotans | Telephone not answered                       |
| (10) | Noreply   | No reply to answerphone message              |
| (11) | Communalp | Communal phone                               |
| (12) | Other     | Other  |

(Record IFNonSum = Circref)

**Othr1**

INTERVIEWER: Please record type of non-response.

- (1) Illsurvey Ill at home during survey period
- (2) Awayhosp Away/in hospital throughout field period
- (3) Unable Physically or mentally unable/incompetent
- (4) Langdiff Language difficulties
- (5) DataLost Data lost or deleted
- (6) ONonRes Other non-response (please give details)

(Record IFOthr1 <> DataLost)

**Othr2**

INTERVIEWER: Was this...

- (1) Notbyhead Notified to you by Head Office, or
- (2) Notbyinter Notified to you directly by the respondent?

(Record IFOthr1 = DataLost)

**Othr3**

INTERVIEWER: Please record reason.

- (1) Lostint Lost interview
- (2) Fulldelete Full interview achieved but respondent requested data be deleted
- (3) Partdelete Partial interview achieved but respondent requested data be deleted

(Computer generated based on responses to previous questions )

**Hout04**

Harmonised outcome code (calculated automatically):

INTEGER[3]

(If RespHH = Yes)

**Placedte**

PLEASE ENTER THE DATE OF THIS PLACEMENT INTERVIEW

(If RespHH = Yes)

**Startdte**

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

(If RespHH = Yes)

**Startday**

PLACEMENT DIARY START DAY

STRING[10]

(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 RespHH = Yes)

**Letter**

Has the respondent received an advance letter?

- (1) Yes
- (2) No