



Travel Survey for Northern Ireland Technical Report 2016-2018



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About this publication

2016-2018 Technical Report

This report contains information about the Travel Survey for Northern Ireland (TSNI) methodology and the survey questionnaire. It also contains information on the 2016-2018 survey response rates and confidence ranges. Results from the 2016-2018 survey are available in the TSNI Headline Report 2016-2018. More detailed 2016-2018 TSNI results will be available in the TSNI In-depth Report 2016-2018 which is due to be published in January 2020.

Copies of the TSNI reports are available at:

<https://www.infrastructure-ni.gov.uk/articles/travel-survey-northern-ireland>.

Accessibility

If this document is not in a format that meets your needs, please contact us to discuss your requirements (contact details are on the front cover of the report).

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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.

Weeks in a year

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

Symbols

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.

Conversion factors for miles and kilometres

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 currently surveys around 160 addresses each month. The number of useable households (includes either fully co-operating or partially co-operating households) averaged 77 per month during the time period 2016-2018.

The TSNI Headline Report 2016-2018, published in July 2019, is available at:

<https://www.infrastructure-ni.gov.uk/articles/travel-survey-northern-ireland>

There will be a further in-depth TSNI report for 2016-2018 containing more detailed results published early next year (planned for January 2020). It will be available on the above website when it is published.

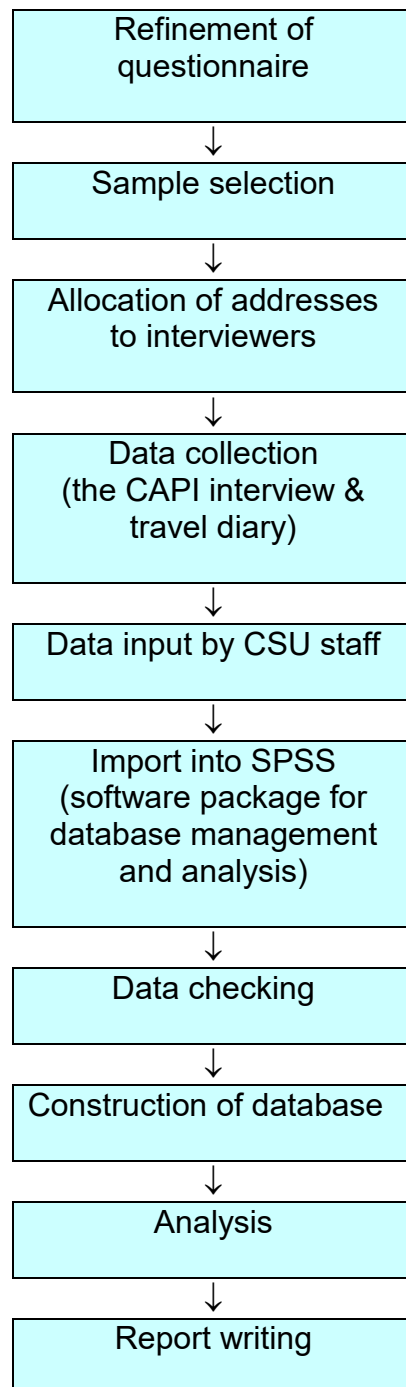
This Technical Report explains the methodology used to carry out the Travel Survey for Northern Ireland from January 2016 to December 2018.

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, Colby House, Stranmillis Court, Belfast, BT9 5RR).

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. From January 2016 to February 2018, a total of 145 addresses were selected for interview each month for the Travel Survey. This increased to 160 addresses per month from March 2018.

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

Number of households	2	3	4	5	6	7
Household selected	1	3	2	2	6	4

2.2 Allocation of addresses to interviewers

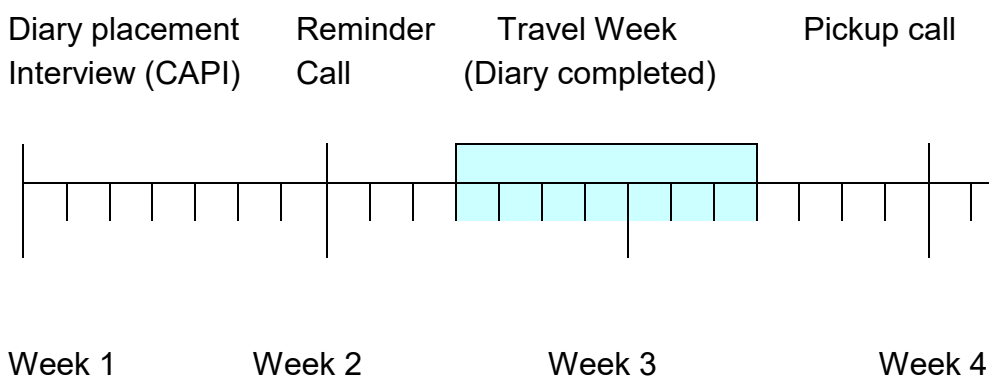
Every month each interviewer is allocated around 8 households to survey. Each address has been given a random start date for the travel week to ensure that travel start days are spread evenly across days of the week and weeks of the year. This also avoids any bias that may occur if respondents are allowed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

2.3 The interview

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

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

Figure 2.2 Possible calls made by an interviewer to household



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

Survey section	Information collected
Household Section (In CAPI Interview)	Household information, including sex, age, marital status, ethnic group Tenure, accommodation type Availability of public transport Bicycle ownership Number of household vehicles
Individual Section (In CAPI Interview)	Disability section Frequency of use of public transport 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)	Type of vehicle Fuel type Year of registration Engine size Vehicle mileage Whether used for school / work / in the course of work journeys Parking details for vehicles used to take someone in household to work
Travel diary (Filled in by respondent)	Details of all journeys taken over the travel week: Purpose of journey Time left and arrived Method of travel Distance travelled Travelling time For car, motorcycle, van or lorry journeys: Whether driver or passenger Where parked and whether free or paid for

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 2016 to 2018.

Table 4.1 Response rates: 2016

	Number	% Response Rate (Eligible sample)
Issued addresses	1,740	
Eligible sample	1,467	100%
Completes*	993	68%
Refusals	374	25%
Non contacts	94	6%

* Includes Fully Complete and Partial responses

Table 4.2 Response rates: 2017

	Number	% Response Rate (Eligible sample)
Issued addresses	1,740	
Eligible sample	1,442	100%
Completes*	894	62%
Refusals	405	28%
Non contacts	135	9%

* Includes Fully Complete and Partial responses

Table 4.3 Response rates: 2018

	Number	% Response Rate (Eligible sample)
Issued addresses	1,890	
Eligible sample	1,584	100%
Completes*	889	56%
Refusals	507	32%
Non contacts	177	11%

* Includes Fully Complete and Partial responses

Table 4.4 Response rates: 2016–2018

	Number	% Response Rate (Eligible sample)
Issued addresses	5,370	
Eligible sample	4,493	100%
Completes*	2,776	62%
Refusals	1,286	29%
Non contacts	406	9%

* 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 2016–December 2018)

Table 5.1.1 Sample profile by gender

	Number of persons	Percentage	Mid Year Estimates 2016 – 2018
Male	2,499	47%	49%
Female	2,845	53%	51%
All persons	5,344	100%	100%

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

Table 5.1.2 Sample profile by age

	Number of persons	Percentage	Mid Year Estimates 2016 – 2018
0 – 15	868	16%	21%
16 – 24	451	8%	11%
25 – 44	1,279	24%	26%
45 – 59	1,283	24%	20%
60 – 74	974	18%	14%
75+	489	9%	7%
All Ages	5,344	100%	100%

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

Table 5.1.3 Sample profile by Local Government District*

	Number of persons	Percentage	Mid Year Estimates 2016 – 2018
Antrim and Newtownabbey	261	5%	8%
Armagh City, Banbridge and Craigavon	529	10%	11%
Belfast	830	16%	18%
Causeway Coast and Glens	496	9%	8%
Derry City and Strabane	584	11%	8%
Fermanagh and Omagh	275	5%	6%
Lisburn and Castlereagh	389	7%	8%
Mid and East Antrim	544	10%	7%
Mid Ulster	397	7%	8%
Newry, Mourne and Down	504	9%	10%
Ards and North Down	535	10%	9%
All Northern Ireland	5,344	100%	100%

* The new 11 Local Government Districts were formed in April 2015.

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 2016–2018 as 903 with a confidence range of 15. Hence the 95% confidence range for the number of journeys is 888 to 918.

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: 2016-2018

Miles

Mode	Estimate	95% confidence range +/-
Walk	165	9
Bicycle	32	8
Car driver	3,434	143
Car passenger	1,390	66
Car undefined	..	..
Motorcycle	11	8
Other private	342	61
Metro and Ulsterbus*	262	29
Other bus	63	17
NI Railways	112	22
Black taxi	..	..
Taxi	52	9
Other public	..	..
Undefined mode	..	..
All modes	5,868	158

* See Travel Survey for Northern Ireland Headline Report 2016-2018 User Information section (page 13) for details about the combined Metro and Ulsterbus figure.

Table 6.2 Journey time per person per year by main mode: 2016-2018

Hours

Mode	Estimate	95% confidence range +/-
Walk	54	3.1
Bicycle	3	0.7
Car driver	142	5.0
Car passenger	60	2.5
Car undefined	..	..
Motorcycle	-	..
Other private	13	2.1
Metro and Ulsterbus*	19	1.8
Other bus	3	0.9
NI Railways	5	1.0
Black taxi	..	..
Taxi	3	0.5
Other public	..	..
Undefined mode	..	..
All modes	304	5.9

* See Travel Survey for Northern Ireland Headline Report 2016-2018 User Information section (page 13) for details about the combined Metro and Ulsterbus figure.

Table 6.3 Average distance travelled per person per year by purpose: 2016-2018

Miles

Purpose	Estimate	95% confidence range +/-
Commuting	1,369	92
Business	493	70
Education	243	27
Escort education	143	16
Shopping	685	32
Other escort	425	34
Personal business	722	45
Visit friends at private home	633	37
Visit friends elsewhere	298	26
Entertainment/ public social activities	189	22
Sport participate	218	24
Holiday base	157	25
Day trip	200	23
Other including just walk	70	7
Undefined purpose	22	6
All purposes	5,868	158

Table 6.4 Average number of journeys per person per year by main mode: 2016-2018

Number of journeys

Mode	Estimate	95% confidence range +/-
Walk	169	10
Bicycle	7	1
Car driver	439	15
Car passenger	194	8
Car undefined	-	..
Motorcycle	1	1
Other private	32	5
Metro and Ulsterbus*	34	3
Other bus	6	1
NI Railways	7	1
Black taxi	-	..
Taxi	13	2
Other public	-	..
Undefined mode	-	..
All modes	903	15

* See Travel Survey for Northern Ireland Headline Report 2016-2018 User Information section (page 13) for details about the combined Metro and Ulsterbus figure.

Table 6.5 Average number of journeys per person per year by purpose: 2016-2018

Purpose	Estimate	Number of journeys
		95% confidence range +/-
Commuting	148	7
Business	33	4
Education	57	4
Escort education	61	6
Shopping	151	5
Other escort	73	5
Personal business	121	5
Visit friends at private home	88	4
Visit friends elsewhere	38	3
Entertainment/ public social activities	22	2
Sport participate	34	2
Holiday base	4	1
Day trip	19	2
Other including just walk	50	5
Undefined purpose	2	1
All purposes	903	15

Table 6.6 Average journey length by main mode: 2016-2018

Mode	Estimate	Miles
		95% confidence range +/-
Walk	0.9	0.0
Bicycle	4.7	0.5
Car driver	7.8	0.1
Car passenger	7.1	0.1
Car undefined	..	..
Motorcycle	10.3	2.0
Other private	10.7	0.5
Metro and Ulsterbus*	7.9	0.3
Other bus	11.0	1.0
NI Railways	19.4	1.2
Black taxi	..	..
Taxi	3.9	0.3
Other public	..	..
Undefined mode	..	..
All modes	6.5	0.1

* See Travel Survey for Northern Ireland Headline Report 2016-2018 User Information section (page 13) for details about the combined Metro and Ulsterbus figure.

Table 6.7 Average journey length by purpose: 2016-2018

Miles

Purpose	Estimate	95% confidence range +/-
Commuting	9.2	0.2
Business	15.0	0.6
Education	4.3	0.1
Escort education	2.3	0.1
Shopping	4.5	0.1
Other escort	5.8	0.2
Personal business	6.0	0.2
Visit friends at private home	7.2	0.2
Visit friends elsewhere	7.8	0.4
Entertainment/ public social activities	8.5	0.5
Sport participate	6.4	0.3
Holiday base	35.6	2.8
Day trip	10.8	0.7
Other including just walk	1.4	0.1
Undefined purpose	9.2	1.6
All purposes	6.5	0.1

Table 6.8 Average journey time by main mode: 2016-2018

Minutes

Mode	Estimate	95% confidence range +/-
Walk	19	0.3
Bicycle	30	2.1
Car driver	19	0.2
Car passenger	18	0.2
Car undefined	..	..
Motorcycle	..	..
Other private	24	1.0
Metro and Ulsterbus*	34	0.7
Other bus	35	1.8
NI Railways	48	2.1
Black taxi	..	..
Taxi	15	0.6
Other public	..	..
Undefined mode	..	..
All modes	20	0.1

* See Travel Survey for Northern Ireland Headline Report 2016-2018 User Information section (page 13) for details about the combined Metro and Ulsterbus figure.

Appendix A: 2016-2018 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

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

SHOWCARD

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

- (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

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

Household Section

(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) 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

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

INTERVIEWER PLEASE RECORD THE TYPE OF BUILDING AT/IN 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)?

- (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)

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)

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 if: Accommod = other)

AccomOth

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

(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
- (5) 27-43 minutes
- (6) 44 minutes or longer

(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)

Diffoot

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

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

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 TRVBUS and/or TRVTRAIN have option 1-8, i.e. respondent has used buses and/or trains)

PTreason

(added in 2018)

SHOW CARD

What are your main reasons for using public transport? CODE ALL THAT APPLY

- (1) Journey quicker by public transport
- (2) More convenient than the car
- (3) Better value for money than the car

- (4) Can work/rest/read on bus/train
- (5) Don't like to drive in the city
- (6) Use public transport to avoid traffic congestion
- (7) Get free or discounted travel on public transport
- (8) Prefer for long journeys
- (9) Use public transport if car is not available
- (10) Cost of parking
- (11) Cost of petrol
- (12) Personal disability
- (13) Environmental impact of using car
- (14) Health benefits e.g. walking to bus stop/train station
- (15) Lack of parking at my destination
- (16) To avoid drinking and driving
- (17) The only travel option is public transport e.g. do not have access to a car, can't drive, too far to walk or cycle
- (18) I use public transport for particular types of journeys e.g. commuting, shopping, education, leisure, days out
- (19) Other (please specify)

(Ask if: *PTreason = other*)

PTreasOt (added in 2018)

Please specify other reason for not using public transport

STRING[300]

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

SATPUB

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 (question format up to 2016)

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)

IMPPT (amended in 2017)

SHOW CARD

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

Please use this card and mention ALL that apply to you.

INTERVIEWER: CODE ALL THAT APPLY

- (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) More helpful/courteous drivers/staff
- (16) Introduction of public transport services in my area
- (17) Provision of early morning/late night services
- (18) Better connections
- (19) Increase capacity of vehicles/services to prevent overcrowding
- (20) Increase provision of waiting facilities (e.g. bus shelters)
- (21) Increase parking capacity/provision of parking facilities (e.g. Park 'n' Ride)
- (22) Other (Please specify)
- (23) I already use local public transport as much as I can (SPONTANEOUS)
- (24) There are no improvements necessary (SPONTANEOUS)
- (25) Nothing would encourage me to use local public transport more often (SPONTANEOUS)

(Ask if: IMPPT = other)

ImpOth

Please specify other answer
STRING [60]

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

BorderYN (added in 2018)

Thinking about the last 4 weeks, did you make any journeys that crossed the NI/RoI border?

- (1) Yes
- (2) No

(Ask if BorderYN = yes)

BorderTimes (added in 2018)

How many times did you cross the NI/RoI border in the last 4 weeks? Please remember to count all your journeys, including return journeys. E.g. If you visited the Republic of Ireland and returned to NI, you crossed the NI/ROI border twice.

INTERVIEWER: IF THE RESPONDENT SAYS THAT THEY DO NOT KNOW EXACTLY HOW MANY TIMES THEY CROSSED THE BORDER IN THE LAST 4 WEEKS, PLEASE ASK THEM TO PROVIDE AN ESTIMATE.

1..999

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

PARKRIDE

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

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

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

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.

Per week		Income		Per year	
Less than £19	1	Less than £1,000		Less than £1,000	
£19 to £38	2	£1,000 to £1,999		£1,000 to £1,999	
£39 to £57	3	£2,000 to £2,999		£2,000 to £2,999	
£58 to £76	4	£3,000 to £3,999		£3,000 to £3,999	
£77 to £95	5	£4,000 to £4,999		£4,000 to £4,999	
£96 to £115	6	£5,000 to £5,999		£5,000 to £5,999	
£116 to £134	7	£6,000 to £6,999		£6,000 to £6,999	
£135 to £153	8	£7,000 to £7,999		£7,000 to £7,999	
£154 to £172	9	£8,000 to £8,999		£8,000 to £8,999	
£173 to £191	10	£9,000 to £9,999		£9,000 to £9,999	
£192 to £239	11	£10,000 to £12,499		£10,000 to £12,499	
£240 to £287	12	£12,500 to £14,999		£12,500 to £14,999	
£288 to £335	13	£15,000 to £17,499		£15,000 to £17,499	
£336 to £383	14	£17,500 to £19,999		£17,500 to £19,999	
£384 to £479	15	£20,000 to £24,999		£20,000 to £24,999	
£480 to £575	16	£25,000 to £29,999		£25,000 to £29,999	
£576 to £671	17	£30,000 to £34,999		£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

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?

(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

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 (question format up to 2017)

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

Stckt (amended in 2018)

Now turning to public transport, do you have a season ticket (weekly/monthly/annual), a multi-journey travel card 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

SHOWCARD

Using the showcard please select which ticket(s), travel card(s), and/or pass(es) you have...: SELECT UP TO [3] OF

tictype (answer options in 2016)

- (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 Smartlink card

(15) iLink Travelcard (weekly/monthly)

(16) Annual Travelcard - aLink or TaxSmart

(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) 24+ Student Railcard (available if aged 24+ and in full-time education)

(24) Other

tictype (answer options from 2017)

- (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 multi journey rail ticket (3 day flexi/weekly/monthly 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 Smartlink card
- (15) iLink Travelcard (weekly/monthly)
- (16) Annual Travelcard - aLink or TaxSmart
- (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) 24+ Student Railcard (available if aged 24+ and in full-time education)
- (24) dayLink card (5 or 10 day)/ mLink multi journey Metro bus ticket (5 or 10 day freedom ticket – ticket purchased on mobile phone)
- (25) Other

(Ask if: tictype = Other)

othtic

Please specify other ticket

STRING[50]

(Ask if: Stckt = no & age > 15 & IndQn1 = face)

AwareTick (added in 2018)

Are you aware of options allowing discounted travel on public transport such as multi-journey travel cards, weekly/monthly/annual tickets, yLink, iLink etc?

- (1) Yes
- (2) No

(Ask if: (AwareTick = Yes) & (TRVBUS and/or TRVTRAIN = option 1-8: i.e. have used bus/train))

WhyNoTick (added in 2018)

SHOWCARD

Can I ask, why do you not have a ticket or card which allows discounted travel on public transport?

CODE ALL THAT APPLY

- (1) Can't afford to pay for a number of journeys at one time
- (2) I don't use the bus/train frequently enough to buy one
- (3) I'm afraid of losing the card/ticket
- (4) I don't always get on and off the bus/train at the same places
- (5) I can't buy the card on the bus - I have to go to a shop/kiosk that sells them or to the station
- (6) I can't top up the card on the bus - I have to go to a shop/kiosk that does this or to the station
- (7) It becomes invalid after a certain time period and you lose your journeys
- (8) I prefer to travel by car
- (9) I am not sure about the different ticket/card options there are and what would be best for me
- (10) Any other reason (please specify)

(Ask if: WhyNoTick = other)

WhyNoTot (added in 2018)

Please specify other reason

STRING[100]

(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

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: WkTravNew = 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/ shopping done by friend, relative or carer
- (97) Other (specify)

(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

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) Have use of a bicycle owned by someone else in the household
- (3) Have use of a bicycle owned by someone else outside the household
- (4) 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

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

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

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

Please specify other answer:
STRING[100]

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

CYCNSAFE

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 I 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

Please specify other answer:
STRING[100]

(Ask to All)

WALKOFT

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

SHOWCARD

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

CODE ALL THAT APPLY

WALKENC (answer options up to 2016)

- (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)

WALKENC (extra answer options added in 2017)

- (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) If I did not have health issues
- (21) If I had more time
- (22) Cleaner footpaths free of dog fouling
- (23) If dogs were kept under control (e.g. on a lead)
- (24) Other (please specify)
- (25) I already walk as much as I can (SPONTANEOUS)
- (26) Nothing would encourage me to walk more often (SPONTANEOUS)

(Ask if: WALKENC = other)

WALKENCO

Please specify other answer
STRING[100]

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

WALKNSAF

SHOWCARD

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

CODE ALL THAT APPLY:

WALKNSAF (answer options up to 2016)

- (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)
- (10) Cyclists, Scooters, Skateboarders on the footpath
- (11) If footpaths are not kept clear (e.g. parked cars)
- (12) Bad weather (e.g. wet or windy conditions)
- (13) 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)

WALKNSAF (extra answer options added in 2017)

- (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)
- (10) Cyclists, Scooters, Skateboarders on the footpath
- (11) If footpaths are not kept clear (e.g. parked cars)
- (12) Bad weather (e.g. wet or windy conditions)
- (13) Walking on my own especially at night
- (14) Worry about crime/personal safety

- (15) Health condition, illness or impairment (e.g. unable to hear/see traffic)
- (16) Dog fouling on footpaths
- (17) Dogs not kept under control (e.g. not on a lead/running loose)
- (18) Other (please specify)
- (19) I always feel safe when walking (SPONTANEOUS)
- (20) I never walk by the road (SPONTANEOUS)

(Ask if WALKNSAF = other)

WALKOTH

Please specify other answer:
STRING[100]

(Ask if: IndQn1 = face OR proxy)

Genroadacc

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

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

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

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

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

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

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.

- (15/36/39/3/21/6/25/11) Heterosexual/Straight
- (10/34/30/5/28/1/27/19) Gay/Lesbian
- (17/35/32/8/26/4/29/13) Bisexual
- (16/38/31/7/23/9/24/12) 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

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 – in general, codes only available for
VehType = 4-wheel car)

Carcode

Code number for car

1..995

(Ask for each vehicle)

VehUse

CODE WHETHER the ^Make ^Model

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

(Ask for each vehicle)

FuelTyp

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

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

(Ask if: FuelTyp = Petrol)

Leaded

ASK OR RECORD

Is the petrol...

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

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

LogBook

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

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

(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

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

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 journeys. 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

(Ask 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

(Ask 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

(Ask if: (cartowk:= yes) AND (whpark is NOT in a 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

(Ask 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