National Travel Survey 2011 GPS Pilot Field Report

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Contents

1 INTRODUCTION

1.1   The National Travel Survey (NTS) is the Department for Transport's primary source of personal travel data. The survey collects information on travel behaviour including detailed information on trips made during a seven day period. This is achieved via face-to-face interviews and the completion of a travel diary.

1.2   Whilst the survey provides detailed trip information (such as purpose, time, duration, mode of transport, distance), consideration has been given to enhancing the data collected.

1.3   A review was carried out in 2006 to explore the possible use of 'new technologies' on the NTS, including GPS (Global Positioning System) devices. This review found that GPS is increasingly being used to enhance travel surveys and may also be appropriate to use with the NTS. The diaries used on the National Travel Survey give us detailed information about people's travel patterns, however sometimes people are not sure about the exact distances they have travelled or how long a particular journey has taken them. The GPS devices will give accurate information on the times and distance of journeys, information on speed and the route taken, helping to complete our understanding of travel patterns.

1.4   In 2008-09 a GPS feasibility study was conducted on the NTS. Fieldwork was undertaken over three waves with the aim of gathering usable GPS and diary data from around 100 adults (aged 16 or older). In total 108 addresses were issued to interviewers, across three geographical areas. The fieldwork followed the established NTS procedures as far as possible. Respondents were interviewed face-to-face, using a shortened NTS questionnaire. At the end of the interview, they were asked to both complete the NTS seven day self-completion travel diary and carry a personal GPS device over the same period.

1.5   Comparison of the information recorded in travel diaries and the GPS data showed that, excluding short walks, the GPS recorded more trips than were recorded in the diary and that the average distance and duration of trips was lower using the GPS device. It was also found that the GPS devices recorded less walking trips of 1 mile or more than the diaries suggesting that respondents may have over estimated the length of these trips in their diaries.

1.6   Overall most respondents found the device easy to use and remembered to charge it on a regular basis. Ninety-four per cent found it very or fairly easy to use and 53 per cent reported having no problems during the entire week.

1.7   Following on from this, in late 2010, the DfT commissioned a large pilot study to look at the possibility of replacing travel diaries with GPS devices. The pilot was conducted with a randomly selected sub-sample of the main NTS sample for February and March 2011. Across the two months 902 addresses, were selected to take part in the pilot. All respondents living at these addresses aged 12 and over were asked to carry a GPS device for a week commencing the day after the placement interview; no diaries or fuel and mileage charts were used in the pilot. An altered version of the placement and pick-up interview was used to collect additional information to inform the processing of GPS data and to collect other information that would usually be picked up in the travel diaries and fuel and mileage chart.

1.8   This report describes the fieldwork procedures undertaken for the GPS pilot. It does not provide an exhaustive description of standard NTS procedures as these are described separately in the NTS Technical Reports. Rather it focuses on how these procedures were augmented for the GPS pilot.

1.9   The report also makes some comparisons between the GPS sample and the main NTS sample. These two groups were separate samples i.e. respondents either participated in the GPS pilot and carried a device or participated in the main NTS and completed a diary.

2   SAMPLING

2.1   The sample for this pilot was taken from the sample for the main 2011 NTS. The sample for NTS is based on a stratified two-stage random probability sample of private households in Great Britain. The sampling frame is the 'small user' Postcode Address File (PAF), stratified by region, proportion of households with no car and population density. A total of 15,048 addresses are issued across the year split into 684 primary sampling units of 22 addresses.

2.2   The sample was designed with the aim of collecting GPS data from 1,000 respondents aged 12 or more over the two waves of fieldwork.

2.3   A total of 902 addresses were issued across 41 PSUs randomly selected from main NTS sample. The size of the sample was calculated based on the ineligibility rate and fully-productive response rate, and the average number of people aged 12 or over per household in the 2009 main NTS. The table below shows the predicted number of interviews based on a sample of 902 addresses.

Table 2-1   Sampling assumptions

Issued sample	902
Ineligible rate	10%
Response rate	63%
Household interviews	507
Respondents aged under 12	185
Respondents aged 12 or more	1,021

3   THE PRE-PILOT

3.1   A small pilot was conducted prior to the main fieldwork in order to test the new questions needed for GPS data processing and to identify any issues people may have with using the GPS devices.

3.2   Fieldwork took place from late December 2010 until 16th January 2011. Four interviewers, and their supervisor, attended a face-to-face briefing prior to the start of fieldwork. The pilot used paper placement and pick-up questionnaires that included the proposed new questions and a small number of standard NTS questions. Respondents were asked to carry a GPS device for one week commencing the day after the placement interview.

3.3   This small pilot used a quota sample; in total the four interviewers placed 20 GPS devices with respondents, this included four with people aged 65 and over, four with people aged 12 to 15 and nine with working adults.

3.4   The interviewers also completed a feedback form during the pilot fieldwork and attended a debrief session with the research team. Interviewers were asked to comment on:
- The new questions
- Acceptability of GPS devices to respondents
- Any issues encountered with GPS devices
- Materials
- Briefings

3.5   Interviewers' comments in these forms and those made in the de-briefing session were analysed and informed changes made to the questionnaire for the main fieldwork stage. Changes were also discussed with Technische Universiteit Eindhoven, who processed the GPS data, and DfT to ensure that the final questionnaire met their data needs. Based on this feedback and discussions some minor changes were made to the GPS pilot questionnaire and materials. In particular, a letter for children to give to their schools explaining the survey and GPS device was introduced.

3.6   As part of this preliminary stage we also piloted a process whereby interviewers checked that there was data stored on each GPS device collected at the pick-up interview. At the briefing, interviewers had the MGE software for device management loaded on to their laptops, were shown how to use the software and were issued with instructions on how to check whether devices held data whilst the interviewer was present in households for the pick-up interview. Unfortunately during the fieldwork period interviewers found that they could not get the software to work correctly and were therefore unable to check devices as instructed. It was not clear at the time why the software was not working and the decision was taken to not include this process in the main pilot. MGE later advised that the versions of the software and drivers that were supplied for use in the pre-pilot had expired at the end of 2010. There would need to be further investigation to establish if this caused the problem during the pre-pilot and whether the updated software can be used on interviewer laptops, however there seems no reason why this should not be possible.

4 FIELDWORK

4.1   Interviewer briefing

4.1   Interviewers working on the GPS pilot attended a half-day briefing session given by a member of the research team.

4.2   This briefing covered:
- The background and aims of the pilot
- The fieldwork sequence for the pilot
- A explanation and demonstration of how to use the GPS devices
- New and amended materials to be used on the pilot
- The content of the questionnaire including completing a dummy interview

4.3   All interviewers were also issued with a set of project instructions which included similar information to that covered in the briefing plus an FAQ section, giving suggested answers to likely respondent queries.

4.2   Contacting respondents

4.4   Interviewers were given letters to send to the selected addresses in advance of their first call. These differed slightly from those used on the main NTS in how they described the incentive available for taking part (see Appendix A). As with the main NTS, interviewers included an unconditional incentive of a book of six first class stamps with the advance letter.

4.5   A few days after the advance letters had been sent, interviewers made contact with respondents by personal visit.

4.3   Travel week commencement

4.6   Respondents were asked to use the GPS device for seven consecutive days beginning the day after the placement interview. This differed from the main NTS where interviewers allocate travel weeks to households using the travel week allocation card to ensure that travel weeks are evenly spread over the quota month.

4.7   It was necessary to use this approach to maximise the number of GPS devices available for interviewers to place. Under the system of travel week allocation used on the main NTS travel weeks can start days or weeks after the placement interview. Had we adopted this system for the pilot GPS devices would have been out of use in respondents' homes for long periods of time. Travel weeks can also start up to two days before the placement interview which is not practicable in a GPS environment.
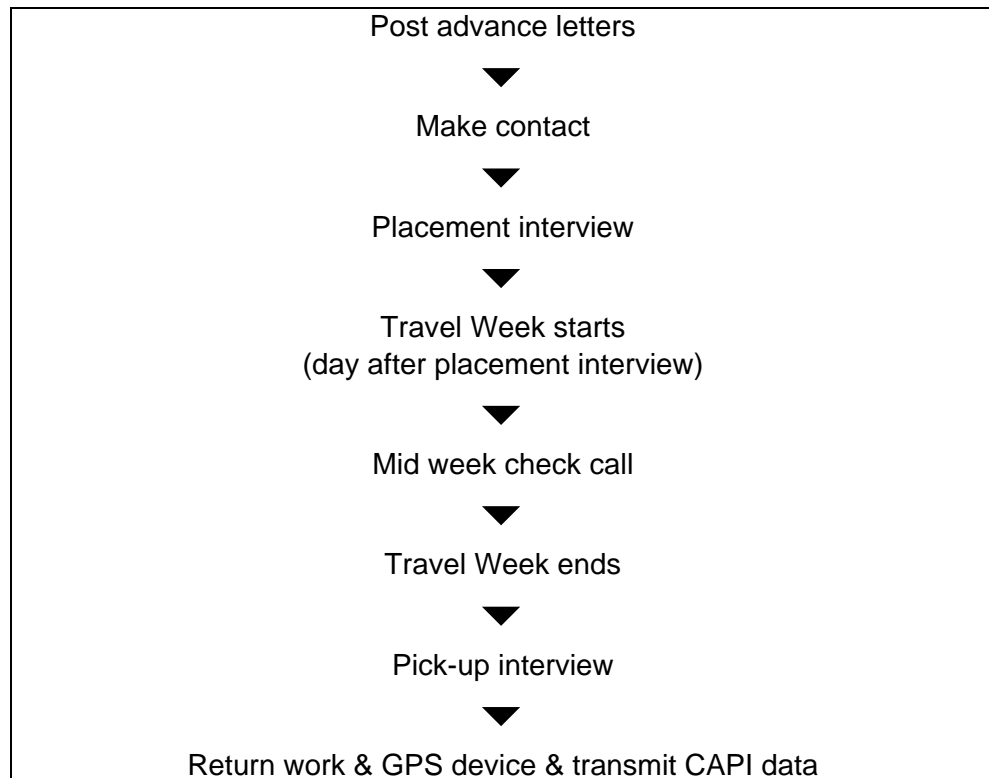
4.8   As there was no gap between the placement interview and the start of the travel week there was no need for interviewers to make reminder calls as is done on the main NTS.

4.4   The GPS device

4.9   Following an independent review of devices available to the market in March 2010 the Department for Transport selected the MGE MobiTest GSL GPS device for use on the pilot. This is an accelerometer-equipped GPS logging device. Devices were leased from MGEData in the Czech Republic.

4.5   The Fieldwork Sequence

Figure 4-1   The sequence of NTS tasks

Post advance letters

▼

Make contact

▼

Placement interview

▼

Travel Week starts
(day after placement interview)

▼

Mid week check call

▼

Travel Week ends

▼

Pick-up interview

▼

Return work & GPS device & transmit CAPI data

4.10 Fieldwork for the GPS pilot fieldwork was scheduled to follow the timetable for the main NTS for February and March as summarised below.

	Start	Cut-off
February	1st Feb	10th Apr
March	1st Mar	10th May

4.11 The GPS devices were scheduled for delivery on the 21st January 2011 to allow sufficient time for them to be logged, charged, allocated and despatched to interviewers in time for the start of fieldwork. However, the devices were not delivered until 7th February 2011. Furthermore, the devices were not delivered in the quantity required.

4.12 The late delivery delayed the start of fieldwork and the reduced number of devices meant that it could not proceed at the rate required. Interviewers were unable to undertake placement interviews until they had sufficient devices to place. Fieldwork therefore differed from the main NTS pattern – whereby interviewers are in

theory able to have a large number of households completing travel diaries simultaneously.

4.13 This became a particular problem in the period during which both February and March assignments were being undertaken. For this reason the standard NTS fieldwork deadlines were relaxed. The actual fieldwork dates were as follows.

	Start	Cut-off
February	11th Feb	6th May
March	24th Mar	8th Jun

4.6   Questionnaire

4.14 The topics covered by each section of the placement and pick-up interviews are shown in Figure 4.2. Some new sections of questions were introduced for the pilot to help with the processing of GPS data; these are shown in bold below. Several sections of questions included in the main NTS were removed for the pilot; these are shown in grey. There were also some changes made to the remaining sections of questions from the main NTS (see Appendix B for full questionnaire)

Figure 4-2   Placement interview topics

HOUSEHOLD	INDIVIDUAL	VEHICLE
Household grid	Mobility difficulties	Registration no.
Accommodation	Walk of 20 minutes or more	Vehicle details
Tenure	Transport methods used	Parking
Length of residence	Use of bicycles	Company cars
Local transport services	Children as front/rear passengers	Mileage
Satisfaction with local transport services	Driving licences	SatNav
Distances to amenities	Reasons for not driving	
Shopping	Economic activity	
Children's travel to school	Transport barriers to employment	
School address	**Adult education establishment address**	
Household vehicles	Income	
	Place of work	
	Home working	
	Difficulties travelling to work	
	Difficulties with shopping and other journeys	
	Road accidents involving adults	
	Road accidents involving children	
	Season tickets	
	Long distance journeys	

Figure 4-3 Pick-up interview topics

HOUSEHOLD	INDIVIDUAL	VEHICLE
New vehicles acquired since placement	New driving licences acquired since placement	Fuel gauge details
Disposal of vehicles recorded at placement	New season tickets acquired since placement	Mileage details
	Time in street (if aged<16)	**Travel week mileage**
	Collection of GPS devices	
	Experiences of using GPS	
	Excluded travel week work trips	
	Most recent car/van trip	
	Taxi trips	
	Addresses visited during travel week	

4.15 Interviewers were asked how long it took to place and explain how to use the GPS devices. On average, this took around 12 minutes, which compares with around 17 minutes for the diaries.

4.16 The additional questions included in the pick-up interview for GPS cases seem to have increased the length of the interview from around 18 minutes on average for the main NTS to 20 minutes for the GPS sample, according to interviewers' estimates.

4.7 Allocation of devices

4.17 At the end of the placement interview, interviewers introduced the GPS travel week data collection and placed devices with respondents. They explained the purpose of the devices and how to use them and provided respondents with a leaflet which included this information (Appendix C).

4.18 For households where there were children aged 12 to 15, respondents were provided with a copy of a letter to give to the children's school or teacher explaining the purpose of the GPS pilot (Appendix D).

4.19 Respondents were also provided with post-it notes that they could stick somewhere to remind them to charge the device and to take it with them when they go out (Appendix E).

4.20 In households comprised of two or more individuals, it was important to ensure that each person carried the same device throughout the travel week and that the data from that device could be matched back to the correct individual.

4.21 When allocating each device to individuals, interviewers were prompted to enter the unique device serial number in the CAPI program. In addition, they were also provided with sets of coloured stickers, which could be put on the devices in order for household members to differentiate between them. Interviewers were also issued with a GPS Device Allocation Card (Appendix F), which recorded details of the person number within the household, their name, the device serial number and the colour of the sticker allocated. This was left with the households for the duration

of the travel week. Finally, interviewers also had white stickers on which the name of the person allocated the device could be written and attached to the device.

4.8   Incentive Scheme

4.22   Respondents who carried and returned a GPS device for the seven days of the travel week were given a £5 high street gift voucher. At the pick up interviewer interviewers collected the devices and completed a promissory note stating the number of vouchers to be sent to the household by the Operations Department. Each household member who had accepted a device at the placement interview was entitled to a gift voucher; this was not dependant on other household members accepting devices. Household members under 12 years were not eligible to carry a device and therefore did not receive the incentive.

4.23   This differed slightly from how the scheme operates on the main NTS where vouchers are only issued if the whole household completes the diary. There was a concern that if the scheme operated in the same way for the GPS pilot, in cases where one household member refused to carry a device or gave up part-way through the week, other household members might do likewise having assumed they could no longer receive the incentive.

4.24   The existing incentive could also have encouraged respondents to falsify GPS data collection. In the main NTS, it has been observed that sometimes one household member will take responsibility for ensuring that everybody's diary is completed. By carrying multiple devices or swapping devices it would be possible for one person to make it look like all of the devices issued had been used.

4.9   Office procedures

4.25   Once the interviewer had collected the devices and chargers from a household they returned them to NatCen along with a despatch note giving the household serial number, the person number for each household member that used a device, and the serial number of the device each person used.

4.26   NatCen operations department processed the returned devices. They checked that the device serial number recorded in the CAPI interview matched the number on the device that had been returned. They then used Mobitest data explorer software to check that there was data on the device and to download and save the data files. A file naming convention was used that incorporated the household serial number and person number to ensure data could easily be matched. Device data were then erased and the devices charged and re-allocated to a new interviewer for re-use At the same time, devices were updated with the latest satellite almanac data (this is to ensure that devices record location accurately in the field). Depending on the amount of data on the device, the download process took 10 to 15 minutes per case.

4.27   NatCen developed a device management system to manage the despatch and return of devices. This system allowed the operations department to track the progress of devices and manage the despatch and receipt of devices from interviewers.

5 RESPONSE RATES

5.1 Household response rates

5.1   Table 5-1 shows household response rates for February and March NTS assignments for both the main NTS and GPS sub-sample addresses. The fully productive response rate for the GPS cases was 52%, lower than that for the main NTS, at 59%. However, the partially productive response rate for GPS cases was higher than for the main NTS (11% compared with 6%). In order to be classed as fully productive, all eligible household members must complete a travel diary (or carry and return a GPS device). The main reason for the differences in fully and partially productive rates between the two types of sample was that *within responding households*, individuals were slightly less likely to agree to carry and return GPS devices than complete paper travel diaries. Note that this is not immediately obvious in the table below, which shows response at the *household* level. Willingness to carry devices among *individuals* is described in more detail in section 5.2.

5.2   There was little difference in the rates of refusal and other unproductive cases and non-contacts between the GPS and main NTS samples.

Table 5-1   NTS household response rates in February and March 2011

	Main NTS		GPS Sample	
	Number	%	Number	%
Set sample	1606		902	
Ineligible/deadwood	158		80	
Eligible households	1448	100	822	
Fully co-operating	**855**	**59**	**429**	**52**
Partially co-operating	85	6	91	11
Refusal to co-operate and other unproductive	412	28	237	29
Non-contact	96	7	65	8

5.2 Uptake of devices

5.3   At the placement interview, each individual in the household aged 12 or more was asked to carry a GPS device for a week. These devices were then collected at the pick-up interview. Table 5-2 shows that 85% of individuals agreed to carry a device, with almost all of them returning the device at the pick-up interview. Four devices were lost by respondents during fieldwork. Data for whether or not a device was collected was not recorded for a small number (11) of individuals who agreed to carry a device. It is not clear why this occurred but may possibly be due to interviewer error. Overall therefore, devices were collected from 84% of those eligible to carry one.

Table 5-2   Willingness to carry and return a GPS device

	Number	%
Is respondent willing to carry device?		
Yes	912	85
No	162	15
Base all aged 12+	*1074*	
Was a device collected?		
Yes	897	99.6
No	4	0.4
Base all willing to carry a device	*901*	

5.4   Table 5-3 shows the total number and proportion of eligible respondents who agreed to carry a GPS device. This is compared with willingness to complete and return a traditional paper travel diary. It should be noted that these two measures are not directly comparable. As was shown in paragraph 5.3, not quite everyone agreeing to carry a device actually returned one and of course simply returning a device is not synonymous with returning one containing either full or partial travel week data, which might be considered truly comparable with completing a travel diary. The observed difference might therefore slightly understate the true variation in participation between the two methods.

5.5   Respondents were slightly less inclined to carry a GPS device than return a diary (84% compared with 91%). This partly explains why the number of GPS travel weeks achieved was below the target of 1,000. It also explains the lower rate of fully productive households in the GPS sample compared with the main NTS sample described in section 5.1.

Table 5-3   Willingness to carry and return a GPS device and diary completion

	Returned GPS device %	Completed travel diary %
Yes	84	91
No	16	9
Base: All aged 12+	*1074*	*1862*

5.6   It is also likely that the inability of a sole respondent being able to complete other household members' GPS data in the way that diaries can be completed has impacted upon the proportion of fully co-operating households.

5.7   Willingness to carry and return GPS devices among different age groups is shown in the table below, alongside the equivalent proportions for paper travel diaries. Sample sizes for each age group are quite small making detailed analysis difficult but contrary to what might have been expected it would seem that younger

respondents are slightly less willing to carry and return GPS devices than their older counterparts. This is a similar pattern as for completion of paper diaries. As noted above (paragraph 5.4), willingness to carry a device is not quite the same as returning a GPS with complete data. It might be speculated that this is a particular problem for respondents aged 12 to 15 and 16 to 24, where proxy agreement may have been given on their behalf. This could potentially lead to the percentages in Table 5-4 understating the true extent of the differences. There was little difference in willingness to carry GPS devices or travel diaries between men and women.

Table 5-4   Willingness to carry GPS devices and complete diaries by age

| | Age of respondent | | | | | | | | | |
	0-12	12-15	16-24	25-34	35-44	45-54	55-64	65-74	75+	Total
Willing to carry a GPS device (%)	-	75	82	84	88	84	87	92	80	85
Base	*-*	*65*	*135*	*165*	*168*	*165*	*153*	*142*	*81*	*1074*
Returned a full completed travel diary (%)	88	88	84	89	91	92	94	95	93	91
Base	*280*	*89*	*218*	*243*	*292*	*305*	*281*	*238*	*193*	*2139*

5.8   In Table 5-5, results are analysed by socio-economic classification, using the NS-SEC classification. As is shown, there is little difference between the main groups in willingness to carry a device. Willingness to participate was smaller among those long-tern unemployed or who had never worked and the residual category of not classified were lower, though sample sizes were small.

Table 5-5   Willingness to carry GPS devices by Socio-economic classification

| | NS-SEC | | | | | | | |
	Higher m'gerial & prof'nal	Inter-mediate	Small employers & own account	Lower s'visory & technical	Semi-routine & routine	Never worked & long-term un'ployed	Not classified	Total
Willing to carry a GPS device (%)	88	88	90	88	86	78	71	85
Base	*330*	*120*	*86*	*64*	*255*	*68*	*86*	*1074*

5.9   It is possible that willingness to carry a device may be linked to an interest in technology. The NTS collects data from households on whether or not they order items for home delivery over the internet. This is used as a very rudimentary proxy for interest in technology and results are shown in Table 5-6. However, there seems to be little difference in willingness to carry a GPS device.

Table 5-6   Willingness to carry GPS devices by whether household shops online

	Respondent lives in household that has shopped online		
	Yes	No	Total
Willing to carry a GPS device (%)	86	84	85
Base	*669*	*405*	*1074*

5.10 Willingness to carry a device was also analysed by the number of adults in the household to investigate whether those households where the burden is greater were less willing to participate. The sample sizes of respondents in households with five or more adults present were too small (n=36) to attribute statistical significane. However, willingness to participate among this group was lower, raising the possibility that if this were to be conducted on a larger scale, respondents in larger households might be underrepresented.

5.11 Respondents who were not willing to carry a GPS device were asked an open question why this was. The most common answer given, by around a third was that it was an invasion of privacy (Table 5-5). Other common answers were that they were too busy (16%) or that it was too much of a burden or responsibility (10%).

Table 5-7   Reasons why unwilling to carry GPS devices

	%
Invasion of privacy	33
Too busy	16
Too much burden/responsibility	10
Concerned will lose device	5
Unable to use due to health problems	5
Concerned will forget to use device	5
Does not see value of using device	4
Other	42
Base: All unwilling to carry GPS device	*120*

6 RESPONDENT FEEDBACK ON USE OF DEVICES

6.1 Use of devices

6.1 Respondents were asked some questions about using the devices. Overall only six per cent reported experiencing any problems using the devices. These respondents were asked an open question about what these problems were. The sample was small in number (n=51). Answers were varied with the most common being in relation to problems or difficulties understanding the lights or buttons.

6.2 Almost all respondents reported that the GPS devices were very easy to use; 84% saying very easy and 15% saying fairly easy. Two per cent found them fairly or very difficult (Table 6-1).

Table 6-1   Ease of using GPS devices

Ease of using GPS devices	%
Very easy	84
Fairly easy	15
Fairly difficult	1
Very difficult	1
Base: All returned GPS device	*855*

6.3 The majority (83%) of respondents said that they charged their devices on each day of the travel week. Seven per cent said they forgot on at least one day and 11 per cent were not sure or could not remember.

6.4 A fifth (20%) said there was at least one day when they made journeys but did not carry their devices with 71% claiming that there were no days when they did not carry the device. Ten per cent did not know or could not remember.

Table 6-2   Carrying and charging GPS devices

	%
Were there any days when you forgot to charge the device?	
Yes	7
No	83
Can't remember/Don't know/Refusal	11
Base all returning device	*897*
Were there any days when you made journeys but did not carry the device with you?	
Yes	20
No	71
Can't remember/Don't know/Refusal	10
Base all returning device	897

Percentages add to more than 100% due to rounding

6.2   Children and GPS devices

6.5   Respondents living as part of households which included children aged between 12 and 15 were asked whether or not GPS devices should be given to children in that age group. Two thirds (67%) said they should, 18% said they should not while a significant minority (15%) did not know.

Table 6-3   Whether think GPS devices should be given to children aged 12-15

	%
Yes	67
No	18
Don't know	15
Base: All aged 12+ where there were children aged 12 to 15 in the household	*158*

The sample size of respondents who said children should not be given devices was small (less than 30). When asked why they did not think children should be given devices, answers included concerns such as children being too young and about how the data would be used.

6.6   At the pick-up interview, parents in households with children aged 12-15, who were interviewed face to face were asked whether there were any reasons that their child(ren) did not want to, or could not use the device. The sample was of respondents in this group was small, however, in the majority of cases no problems were reported.

7   INTERVIEWER FEEDBACK

7.1   Interviewers were provided with a short questionnaire which invited them to provide feedback on various aspects of the pilot. This section summarises responses to this questionnaire.

7.2   When placing the devices, interviewers emphasised the focus on trialling a new method for recording travel information and the ease with which the data would be collected, i.e. respondents had to carry a device each day rather than completing a paper diary. Interviewers also focussed on the simplicity of the device, and that more accurate travel data could be collected. Interviewers were careful to stress that the device was not a tracking tool, or that the respondent would be monitored as to where they were going. There were some concerns from respondents regarding the devices such as data confidentiality issues, the perception of how intrusive the device could be, the concept of 'Big Brother' as data would be captured electronically and a genuine concern of liability if the device was damaged or lost.

7.3   Interviewers felt that the hardest respondents to persuade were those who did not like or feel comfortable using modern technology, or were suspicious about the devices themselves and the idea that they were being 'tagged'. Interviewers also commented that it was harder to place a device when dealing with proxy respondents and in households where not all members would be present at the time of placement.

7.4   Interviewers remarked that the information leaflet was very useful when explaining the devices and the purpose of trialling the new technology. Respondents reacted positively to the leaflet, feeling reassured about what information was being recorded and reminding respondents that they were not liable if the device was lost or damaged. A couple of suggestions regarding the leaflet were that space should be available for notes such as noting who had which device and a free phone number is needed for respondents to call if they encountered problems with the device. Furthermore, it was felt that the content should be re-ordered to flow slightly more succinctly, i.e. move the paragraph on charging the device to after the paragraph covering how to identify if the device is switched on. Interviewers also reflected that the most important paragraph was left until the end, and potentially the leaflet could be restructured to read in an FAQ format.

7.5   The practical use of the devices identified a number of key issues, namely that it was difficult to tell if the device was switched on especially for older respondents and that a signal didn't display when the device was charging. A couple of comments were made about the device being difficult to carry when undertaking activities such as running and being slightly too bulky to slip into trouser pockets. One respondent suggested also having a car charger for the device.

7.6   Interviewers felt that charging the devices did not prove a problem for most respondents, however remembering to charge the device appeared to be the most challenging element. Respondents felt that they were not sure when the battery was low, and that it would be useful to adapt the carry case to allow charging with the case on.

7.7   Interviewers were positive about the coloured stickers used when placing more than one device in a household, and that if devices are going to be given to younger respondents then they should have a different colour completely. The choice of

colours was fine, though dark blue proved difficult to see on the case and it was advised to change this for a different/ brighter colour for future. Interviewers found that by asking respondents to pick their own colour sticker and to write their initials on the sticker, they were less likely to get them muddled up within a household.

7.8   When asked about the feasibility of placing devices with younger people (12-15 year olds), interviewers felt that it was appropriate for this age group to carry devices especially if they were party of an already willing family. A couple of interviewers queried that younger people may have concerns about the repercussions if they lost or damaged the device and that they would be either too forgetful or busy to take them everywhere. The only real difficulty an interviewer encountered was with an young person with learning difficulties whose mother felt it was too burdensome for a device to be carried.

7.9   There was a mixed response from interviewers when comparing placing dairies with GPS devices. Some interviewers felt that respondents were less keen about the devices due to the perception that they were being spied on, the practical burden of remembering to charge and carry the device, and the level of detail that their movements would be recorded in. However, on the positive side, the simplicity and ease of the process was a key factor in placing a device, such as not having to estimate times or distances travelled, no writing was needed so reducing the time taken to record the same data, it seemed more professional, the interviewer spent less time in the household as not having to check diaries and using devices shared the responsibility between the household members rather than one individual being responsible for co-ordinating diary completion.

7.10   In terms of additional survey materials required for the devices, interviewers felt that respondents should have been given a memory jogger to allow them to write down postcodes, mileage, car/ van and taxi trip details, space to write down the days on which respondent forgot to carry the device. More general comments focussed on making sure respondents knew why they were being asked to carry a device and how the data would be used once processed. Interviewers felt that for their benefit, a space should be added to the Address Record Form to allow them to note down which household member had which device (i.e. coloured stickers) so they could better track where each device was on collection. Interviewers also suggested having a user DVD for respondents to watch during the travel week should they have queries. Furthermore, on a practical side, interviewers would have liked a survey-specific bag to put the devices in on collection.

7.11   Regarding actual experiences of using the devices, respondents did struggle with remembering what they did on the days that they forgot to carry the device. When they were able to answer, there was some uncertainty about the accuracy of the data and it may have been guesswork at times. Interviewers felt that this was especially difficult when dealing with proxy interviews. The same concerns were raised when respondents were trying to recall car/ van trips and details or recent taxi trips.

7.12   Travel week destinations also appeared troublesome for those respondents who carried a device, purely based on the volume of information and level of detail needed. Interviewers did comment that this was a definite drawback compared with dairies. The main problem appeared to be remembering postcodes and also uncertainty about giving friends' and relatives' details. Interviewers also raised concerns that not all respondents told them about every destination they had been to in order to reduce the amount of lengthy follow-up questions they would get.

Interviewers felt it would have been appropriate to warn the respondent at the placement interview that a certain level of detail about particular aspects would be needed.

7.13 Reviewing the actual pilot itself, interviewers felt the main frustration was the lack of devices and the delay to the devices being made available to them. If devices are to be bought in to replace the diaries in future then clearer and more comprehensive instructions are needed, and the briefing needs to cover all aspects in full detail. A couple of improvements could also be incorporated into the CAPI program such as adding a look up for school and nursery addresses.

8   DATA PROCESSING

8.1   The address data collected in the placement and pickup interview was processed to get a complete address as possible from the information given. All addresses were run through the automated address matching program Matchcode. After matchcoding addresses that were still incomplete were sent to GatePost for manual look-up.

8.2   Full CAPI data, GPS data and enhanced address data were delivered to Technische Universiteit Eindhoven for processing.

9 SUMMARY OF KEY ISSUES

9.1 A brief summary of the key issues that arose during the course of undertaking this pilot and their implications for the future use of GPS as a data collection methodology on the NTS is provided below.

Device software
9.2 When devices were initially received, there were problems with the supplier's software which is required to view and download the data logged on the device. This was due to the version of the software being unable to recognise data collected post 2010. An updated version of the device software and driver resolved these problems.

9.3 It was originally intended to have the software loaded onto interviewers' laptops to enable them to check the validity of device data when they were collected from respondents. Due to the problems with the software this was not possible for the GPS pilot. However, there should be no reason why this might not be implemented in the future.

Delivery of GPS devices
9.4 As detailed in the Fieldwork section, there were delays to the delivery of devices both for the pre-pilot and pilot fieldwork and a lower number of devices were provided. The lack of availability of devices caused significant problems for interviewers in that they had to wait until they had sufficient devices before undertaking placement interviews. This caused lengthy delays in fieldwork.

9.5 An associated issue was that due to the relatively low availability of devices, interviewers had to change their practices slightly. With traditional travel diaries it is possible to have a large number of households simultaneously completing their travel diaries (subject to the timing of their pre-allocated travel weeks). If there is a constraint on the number of devices, this is not possible with GPS devices.

9.6 Careful consideration of the number of GPS devices required in relation to the sample size and travel week allocation strategy would therefore be required if the survey was to be run on a larger scale or over a longer period.

Data recorded on the device
9.7 During fieldwork it was discovered that devices were not recording speed as requested when the devices were ordered. They were also discovered to be only recording the distance travelled if the measurement accuracy ('Horizontal Accuracy' measured in metres) was above a default threshold of 10 metres. This default threshold could be adjusted upwards or downwards but this was not known as the start of fieldwork. This resulted in a high proportion of missing data for these variables.

Willingness to participate in GPS travel survey
9.8 Although in general, respondents were willing to carry GPS devices and have their travel logged in this way, the participation rate was nonetheless lower than for the completion of traditional paper travel diaries. This would have potential implications both for the sample representiveness and for sample size calculations if this approach were to be adopted on the NTS.

Use of devices in field

9.9   Four devices were lost by respondents during fieldwork. This represented just 0.4% of the total number of achieved travel weeks (in line with work undertaken by other market researchers). This might be considered to be quite a low percentage and provides some indication as to the replacement rate that would be required for a longer-term survey.

Costs

9.10 Due to the short timeframe of this pilot and the fact that it was undertaken as part of the ongoing NTS, it is difficult to provide definitive conclusions about the impact on costs of switching to a GPS approach. For example, a significant amount of development and set-up work was necessary. The costs arising from these activities would be largely one-off costs which would not be incurred once the survey was up and running. Nonetheless, we would estimate that in the longer-term, the savings stemming from not processing paper travel diaries is likely to outweigh the additional administrative costs associated with the processing of devices.

Office procedures

9.11 The process for matching returned GPS devices to their questionnaire data, checking downloading and logging the data, erasing the data from the device and reallocating it to a new interviewer was quite consuming. Each office PC could only process one device at a time. Consideration would therefore need to be given for the staff and IT resources available should this be repeated on a large scale. A possible development would be for the data transferred from the device to the interviewer's laptop using USB and subsequently transmitted back to office via secure broadband connection without need for movement of devices between the office and the interviewers. This would depend on the size of files and speed of broadband connection.

APPENDIX A   ADVANCE LETTER

Operations Department
Kings House
101-135 Kings Road
Brentwood
Essex CM14 4LX
Telephone 01277 200 600
www.natcen.ac.uk

Your interviewer on this study will be

_____

Dear Sir/Madam,

NATIONAL TRAVEL SURVEY

Your address has been selected for this study and we are writing to ask for your help. It is about your daily experience of travelling and is used by the Department for Transport to shape travel policy.

Most people who take part find it interesting and are pleased to have their views and experience taken into account by the Government. We rely on the voluntary cooperation of everyone we approach. **To show our appreciation, everyone in your household who is eligible and completes the study will receive a £5 gift voucher exchangeable at many High Street stores.**

The research is being carried out by an independent research organisation, the National Centre for Social Research. One of our interviewers will visit you in the next few days to arrange a convenient time for an interview. They will show you their official identification card which includes their photograph and the NatCen logo shown at the top of this letter.

Your answers will be treated in strict confidence in accordance with the Data Protection Act, and the information will only be used for statistical purposes.

In the meantime, and as a gesture of good will, we are enclosing a book of first class stamps for you to keep.

You can find more information on the back of this letter but if you have any questions please call NatCen on 01277 200600. We thank you in advance for your help.

Yours faithfully,

Alun Humphrey
Research Director, NatCen

Tim Stamp
Survey Manager, Department for Transport

How was I chosen?

We have selected a sample of addresses from a list kept by the Post Office of all addresses in Great Britain. This ensures that the people invited to take part in the survey are representative of the whole country.

The findings will not identify you or your family because your name and address will not be passed to anyone outside NatCen.

I do not travel very often – do you want to interview me?

We are interested in everybody's day-to-day experience of travel, however much or little they do. The results are used to look at how travelling changes over time, and to make decisions about the future.

We need information from a wide range of people including those in or out of work, children and the elderly. Otherwise we will not get a true picture of travel in Great Britain.

The study provides up-to-date information about travel which cannot be collected in any other way.

What kinds of travel are covered by the survey?

We are interested in all the different kinds of journeys that people make in Great Britain, as well as how often they make them. This includes journeys to school or work, shopping trips and journeys for leisure or social purposes. Both local and long distance travel are covered, as are all forms of transport (such as cars, public transport, cycling and walking).

What is the survey used for?

The National Travel Survey is used to build up a picture of how and why different kinds of people travel. The information is used by policy-makers in Government, as well as by consultants, academics, pressure groups and charities amongst others.

Some of the specific uses of the survey include studying school children's travel, monitoring road accidents, predicting future traffic levels and finding out the transport needs of minority groups.

APPENDIX B GPS PILOT QUESTIONNAIRE DOCUMENTATION

Household Questionnaire

```
BID/QID.INC
```

Area
AREA NUMBER.
JUST PRESS <Enter>.

Address
ADDRESS NUMBER.
JUST PRESS <Enter>

Hhold
HOUSEHOLD NUMBER.
JUST PRESS <Enter>.

```
BSignIn/ QSIGNIN.INC
```

RECORD ALWAYS
AdrField
PLEASE ENTER THE FIRST TEN
CHARACTERS OF THE FIRST LINE OF THE
ADDRESS TAKEN FROM A.R.F. ADDRESS
LABEL FOR THE FIRST HOUSEHOLD AT THIS
ADDRESS. MAKE SURE TO TYPE IT EXACTLY
AS IT IS PRINTED.
No DK, No refusal

RECORD ALWAYS
StatusQ
What is the status of this interview?
INTERVIEWER: IF YOU ARE NOW STARTING
THE PICK-UP INTERVIEW,
CHANGE THE CODE TO '2' THEN PRESS
<ENTER> AND <END> TO GO TO THE
FIRST PICK UP QUESTION.
YOU CANNOT GO BACK TO CODE '1' ONCE
YOU HAVE CODED '2'
1. Placement interview
2. Pick-up interview
No DK, No refusal

RECORD ALWAYS
StartDat
DATE PLACEMENT INTERVIEW WITH THIS
HOUSEHOLD WAS STARTED
PRESS ENTER TO CONFIRM DATE
: DATETYPE

RECORD ALWAYS
FirstQ
INTERVIEWER: IS THIS THE FIRST TIME YOU
HAVE OPENED THIS QUESTIONNAIRE?
(TO UPDATE ADMIN DETAILS PRESS <CTRL +
ENTER>)
1. the first time you've opened this questionnaire

2. or the second or later time?
5. EMERGENCY CODE IF COMPUTER'S DATE
IS WRONG AT LATER CHECK

RECORD ALWAYS
TravDate
INTERVIEWER: ENTER START DATE OF
TRAVEL WEEK FOR THIS HOUSEHOLD.
: DATETYPE
NO DK, No Refusal

RECORD ALWAYS
Summary
INTERVIEWER: Summary of PLACEMENT
interviewing (Placement Interviewing not done yet
in red):
Session 1: Name unfinished / reached end
Session 2: Name unfinished / reached end
Session 3: Name unfinished / reached end
Session 4: Name unfinished / reached end
Make a note of the session for anyone coded as
unavailable. Use <CTRL+ENTER> at any point
and select the appropriate session to complete
individual interviews for people if they become
available.
Vehicles: Name unfinished / reached end.
When you press the END key you will be stopped
at any place where you coded 'later'
1. Press 1 and <Enter> to continue.

RECORD ALWAYS
Whohere
I am just going to ask you some questions about
the members of your household to help us
understand your travel patterns. What are the first
names or initials of the people who normally lives
at this address?
1. Press <ENTER> to continue

HELPSCREEN:
Collecting this information allows the DfT to look at
how travel differs between different households
sizes and people of different ages and
backgrounds.

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BBNames/ QNAMES.HAR
```

ASK ALWAYS
Name
RECORD NAME/IDENTIFIER FOR EACH
MEMBER OF THE HOUSEHOLD.

Helpscreen:
WHEN ALL HOUSEHOLD MEMBERS HAVE
BEEN ENTERED, PRESS PgDn
PRIMARY SET OF QUESTIONS ON
HOUSEHOLD COMPOSITION AND
RELATIONSHIPS ASKED ON ALL SURVEYS.

HOUSEHOLD COMPOSITION

Stage 1: Establish Residency - only/main residence 6 month rule/ Check Adult Children

Stage 2: One or more households - 'Do you all share at least one main meal a day or share living accommodation?'

Stage 3: Establish Household Reference Person (HRP) - 'In whose name is the accommodation owned or rented?'

INTERVIEWER: If joint owners then enter one of the joint owners. HRP will be established later

DEMOGRAPHICS

BHComp / QTHCOMP.INC

ASK ALWAYS
Sex
NAME
INTERVIEWER: CODE SEX OF RESPONDENT
1. Male
2. Female

ASK ALWAYS
Birth
NAME
What is your date of birth?
FOR DAY NOT GIVEN....ENTER 15 FOR DAY.
FOR MONTH NOT GIVEN....ENTER 6 FOR MONTH
ENTER FULL YEAR, eg. 9/11/1952 RATHER THAN 52
: DATETYPE

IF respondent does not know their date of birth or refuses to provide it (Birth = DK OR refusal)
AgeIf
NAME
What was your age last birthday?
98 or more = CODE 97
: 00..97
No DK, No refusal

Helpscreen:
IF YEAR OF BIRTH NOT GIVEN
What was your age last birthday?
Interviewer note:
If respondents refuse to give their age, or cannot, then give your best estimate.

DVAge
(Compuetd variable) Age for whole sample, from Birth and AgeIf

DM510
(Computed variable) How many people in the house aged 5 to 10 at 31 August last.

DM1115
(Computed variable) How many people in the house aged 11 to 15 at 31 August last.

DM1619
(Computed variable) How many people in the house aged 16 to 19 at 31 August last.

DM713
(Computed variable) How many people in the house aged 7 to 13.

Asked if 16 or older (DVage=>16)
MarstN
ASK OR RECORD CODE FIRST THAT APPLIES
Are you currently...
1. single, that is, never married
2. married and living with your husband/wife
3. a civil partner in a legally recognised civil partnership
4. married and separated from your husband/wife
5. divorced
6. or widowed?
7. SPONTANEOUS ONLY - In legally recognised civil partnership and separated from his/her civil partner
8. SPONTANEOUS ONLY - Formerly a civil partner, the civil partnership now legally dissolved
9. SPONTANEOUS ONLY - A surviving partner: his/her civil partner having since died

Asked if more than 1 person in household and not married and living with husband/wife (MarstatN<> 2)
LiveWith
ASK OR RECORD
May I just check, are you living with someone in this household as a couple?

Helpscreen:
Only respondents who are living with their partner in this household should be coded as living together as a couple. You may code No without asking the question ONLY if all members of the household are too closely related for any to be living together in a de facto marital relationship.
1. Yes
2. No
3. SPONTANEOUS ONLY - same sex couple

Ask ALL
COB
In which country were you born?
CODE ALL THAT APPLY
1. England
2. Wales
3. Scotland
4. Northern Ireland
5. UK, Britain
6. Reprblic of Ireland
7. Other (specify)

Ask if 'other' country of birth (COB=7)
XCOB

In which country were you born?

INTERVIEWER: please type in name of country

ASK ALWAYS
EthGroup
SHOW CARD {If Scotland} 1s {If Wales} 1w {If England} 1e
To which of these ethnic groups do you consider you belong? Please choose from this card...
1. {If Scotland} Scottish/English/Welsh/Northern Irish/British
   {If Wales} Welsh/English/Scottish/Northern Irish/British
   {If England} English/Welsh/Scottish/Northern Irish/British
2. Irish
3. Gypsy or Irish Traveller
4. Any Other White background (Please describe)
5. White and Black Caribbean
6. White and Black African
7. White and Asian
8. Any other Mixed / multiple ethnic background (Please describe)
9. Indian
10. Pakistani
11. Bangladeshi
12. Chinese
13. Any other Asian background
14. African
15. Caribbean
16. Any other Black / African / Caribbean background (Please describe)
17. Arab
18. Any other ethnic group (Please describe)

Helpscreen:
We need to know what ethnic group the respondent thinks he or she is in (or, if you are taking proxy information, what group the respondent thinks another household member is in). Never attempt any judgement of your own

IF ethnic group = another white background (Ethgroup = 2)
OthWht
Please can you describe your ethnic group?
ENTER DESRIPTION OF ETHNIC GROUP.

IF ethnic group = any other mixed background (Ethgroup = 6)
OthMxd
Please can you describe your ethnic group?
ENTER DESRIPTION OF ETHNIC GROUP.

IF ethnic group = any other asian background (Ethgroup = 10)
OthAsn
Please can you describe your ethnic group?
ENTER DESRIPTION OF ETHNIC GROUP.

IF ethnic group = any other black background (Ethgroup = 13)
OthBlk
Please can you describe your ethnic group?
ENTER DESRIPTION OF ETHNIC GROUP.
IF ethnic group = any other (Ethgroup = 15)
OthETh
Please can you describe your ethnic group?
ENTER DESRIPTION OF ETHNIC GROUP.

IF more than 1 person in household and age is 16 or over (DVAge >= 16)
Hhldr
NAME
In whose name is the accommodation owned or rented?
ASK OR RECORD.
1. This person alone
2. This person jointly
3. NOT owner/renter

Helpscreen:
You can ask this question once, covering the whole household, the first time it comes up on screen. Then ASK or RECORD for individuals as necessary.

BHRP / QHRP.INC

IF the accommodation is jointly owned or rented/there is more than one householder (NumHHldr > 1)
HiHNum
You have told me that [Names] jointly own or rent the accommodation. Of these, who has the highest income (from earnings, benefits, pensions and any other sources)?
IF THEY HAVE THE SAME INCOME, CODE 11
INTERVIEWER: THESE ARE THE JOINT HOUSEHOLDERS
1. Person 1
2. Person 2
3. Person 3
4. Person 4
5. Person 5
6. Person 6
7. Person 7
8. Person 8
9. Person 9
10. Person 10
11. Joint householders
ENTER PERSON NUMBER

Helpscreen:
IF THE RESPONDENT ASKS, EXPLAIN THAT WE ARE ASKING THIS QUESTION
AS A CONSISTENT METHOD OF DETERMINING WHO WILL ANSWER SOME OF THE QUESTIONS WHICH FOLLOW.

IF TWO OR MORE JOINT HOUSEHOLDERS
HAVE THE SAME INCOME, SELECT THE
ELDEST.

IF RESPONDENT ASKS FOR PERIOD TO
AVERAGE OVER – LAST 12 MONTHS, AS
CONVENIENT.

PROMPT AS NECESSARY IS ONE JOINT
HOUSEHOLDER THE SOLE PERSON WITH:
- PAID WORK?
- OCCUPATIONAL PENSION?

*IF the joint householders have the same income
(HiHNum = 11)*
JntEldA
ENTER PERSON NUMBER OF THE ELDEST
JOINT HOUSEHOLDER FROM THOSE WITH
THE SAME HIGHEST INCOME.
ASK OR RECORD
1. Person 1
2. Person 2
3. Person 3
4. Person 4
5. Person 5
6. Person 6
7. Person 7
8. Person 8
9. Person 9
10. Person 10
No DK, No refusal

*IF the highest income of joint householders is
refused or not known (HiHNum = DK OR Refusal)*
JntEldB
ENTER PERSON NUMBER OF THE ELDEST
JOINT HOUSEHOLDER
ASK OR RECORD
1. Person 1
2. Person 2
3. Person 3
4. Person 4
5. Person 5
6. Person 6
7. Person 7
8. Person 8
9. Person 9
10. Person 10
No DK, No refusal

BHRels / QTHRELS.HAR

IF more than 1 person in household
R
CODE RELATIONSHIP OF EACH HOUSEHOLD
MEMBER TO THE OTHERS - [Name] is
[Name]'s...
1. Spouse
2. Cohabitee
3. Son/daughter (incl. adopted)
4. Step-son/daughter

5. Foster child
6. Son-in-law/daughter-in-law
7. Parent/guardian
8. Step-parent
9. Foster parent
10. Parent-in-law
11. Brother/sister (incl. adopted)
12. Step-brother/sister
13. Foster brother/sister
14. Brother/sister-in-law
15. Grand-child
16. Grand-parent
17. Other relative
18. Other non-relative
19. Civil partner

Helpscreen:
You may want to introduce this section. A
possible introduction is: 'There are a lot of
changes taking place in the make-up of
households/families and this section is to help find
out what those changes are. I'd like you to tell me
the relationship of each member of the household
toevery other member.' This section must be
asked for all households consisting of more than
one person. Please ask in every case. You
should not make assumptions about any
relationship.
Treat relatives of cohabiting members of the
household as though the cohabiting couple were
married, unless the couple are a same sex couple.
Half-brothers/sisters should be coded with step-
brothers/sisters.

See interviewer instructions for further details.

BSPout / QSPOUT.INC

*IF respondent has said they are married and living
with spouse but they are without a spouse in the
household (MarStat = 2 AND (Spouses [Loop1] =
0))*
SpOut
INTERVIEWER:
You've recorded [Name] as 'Married & living with
spouse', but without a spouse in the household.
PLEASE CHECK THIS. If spouse is away for six
months or more, press 1 and enter to continue.
BUT IF NOT (eg if separated), ENTER 2 AND
AMEND HOUSEHOLD GRID.
1. Married, spouse not in household
2. Other - AMEND HOUSEHOLD GRID
No DK, No Refusal

ACCOMMODATION

BAccom / QACCOM.INC

RECORD ALWAYS
Accom

INTERVIEWER CODE: IS THE HOUSEHOLD'S ACCOMMODATION:
 N.B. MUST BE SPACE USED BY HOUSEHOLD
1. a house or bungalow
2. a flat or maisonette
3. a room/rooms
4. ...other?

Helpscren:
If the household occupies a flat in a converted house, code 2

IF Household accommodation is a house or bungalow (Accom = 1)
HseType
INTERVIEWER CODE: IS THE HOUSE/BUNGALOW:
1. detached
2. semi-detached
3. or terraced/end of terrace?

Helpscreen:
A semi-detached house is one of a pair which are joined together.
A house at the end of a terrace must be coded 3 even if there are only three
houses in the terrace.
Houses which are joined only by a garage (link-detached) should be coded as detached.

IF Household accommodation is a flat or maisonette (Accom = 2)
FltTyp
INTERVIEWER CODE: IS THE FLAT/MAISONETTE:
1. a purpose-built block
2. a converted house/some other kind of building?

IF Household accommodation is another type (Accom = 4)
AccOth
INTERVIEWER CODE: IS THE ACCOMMODATION A:
1. caravan, mobile home or houseboat
2. or some other kind of accommodation?

BTenure / QTENURE.INC

ASK ALWAYS
Ten1
SHOW CARD 2
 In which of these ways do you occupy this accommodation?
MAKE SURE ANSWER APPLIES TO [NAME] - THE HRP
1. Own outright
2. Buying it with the help of a mortgage or loan
3. Pay part rent and part mortgage (shared ownership)
4. Rent it

5. Live here rent-free (including rent-free in relative's/friend's property; excluding squatting)
6. Squatting

Helpscreen:
This question is looking for formal legal tenure (e.g. a widow living in a house bought by her son (in his name) who is living elsewhere, should be coded as living rent
free though she may regard herself as an owner occupier.
OWNERS - only code person as an owner if they have a mortgage. Owners are also people who pay a service charge.
SHARED OWNERS - ie pay part rent and part mortgage, and will receive some of the proceeds from the sale of the property.
RENT-FREE - the person pays upkeep but not formal rent.
TIED ACCOMODATION - these are private renters. Code according to whether person pays rent (code 4) or lives rent free (code 5).
SCHEMES - 'Rent to mortgage' schemes are available to council tenants, where they have a right to buy a share of their home for roughly the same price as the rent. Anyone purchasing their home under this scheme should be coded 2
HOUSING ACTION TRUSTS - i.e. tenant rents from local authority
CO-OWNERSHIP - This no longer exists.
HOUSING CO-OPERATIVE - (code 4) renting from housing association
COMMONHOLD - code as owner
PRIVATE SECTOR - i.e. private property rented from the council
HOME INCOME PLANS & RETIREMENT HOME PLANS - code as owner.
SCHEMES FOR MORTGAGE DEFAULTERS - Code as renting.

BResLen / QRESLen.INC

ASK ALWAYS
HLong
RECORDED FOR HOUSEHOLD REFERENCE PERSON [HRP NAME] ONLY
How long have you (has [Name]) lived at this address? ...
1. Less than 12 months
2. 12 months but less than 2 years
3. 2 years but less than 3 years
4. 3 years but less than 5 years
5. 5 years but less than 10 years
6. 10 years but less than 20 years
7. 20 years or longer

Helpscreen:
Enter the number of completed years at the address. Note that the question relates to address rather than place. It may be possible that an individual is living at a

different address from 12 months ago but is living in the same town and county.

We are interested in knowing whether people have moved house recently because that could affect their travel behaviour, especially if they have moved out of the

immediate neigbourhood.

Ask ALL
Online
Does your household have access to the internet from home?
IF YES: Is that broadband or dial up?
1. Yes – broadband
2. Yes - dial up
3. Yes - but don't know type
4. No

ACCESSIBILITY OF SERVICES

BAmenity / QAMENITY.INC

ASK ALL
OrderN
SHOW CARD 11
I'd now like to ask a few questions about things which you might have had delivered. Nowadays, do you ever order any of these things over the phone, by post or on the internet?
ONLY INCLUDE THINGS FOR DOMESTIC USE EXCLUDE
LETTERS/MILK/NEWSPAPERS/MAGAZINES AND TAKE AWAY MEALS.
CODE ALL THAT APPLY
IF YOU NEED HELP ABOUT WHAT COUNTS AS SHOPPING BY PHONE, BY POST OR ON THE INTERNET PRESS F9.

Helpscreen:
We ask this question because we want to see to what extent shopping by phone/post/internet reduces people's need to travel.
INCLUDE:
Any items ordered on line (on the internet) and delivered to home or work
Any items ordered on the phone and delivered to home or work
Any items ordered by post and delivered to home or work
DO NOT INCLUDE:
Takeaway meals
Magazine / newspaper subscriptions (regardless of how you ordered them)
Letters, milk
Items ordered but not yet delivered
Items ordered in the shop, which are to be delivered afterwards
Items where a special journey is made to collect them
1. Food and drink (not including take away meals)
2. Clothes or footwear

3. Books/CDs/DVDs/software
4. Furniture
5. Soft furnishings/bedding
6. Electrical appliances or items (e.g. computer/fridge/tv/kettle)
7. Holiday/travel tickets
8. Any other tickets (not for travel)
9. Plants/bulbs/flowers/seeds
10. Health goods and toiletries
11. DIY/garden equipment
96. Anything else
97. (None of these)

Asked if respondent orders goods by phone, post or internet (OrderN is not 97)
Deliv
SHOW CARD 12.
Can you tell me how often [you have/your household has] any of these things delivered, which have been ordered by phone, by post or on the internet?
ONLY INCLUDE THINGS FOR DOMESTIC USE
EXCLUDE LETTERS/ MILK/ NEWSPAPERS/MAGAZINES and TAKE AWAY MEALS
1. 3 or more times a week
2. Once or twice a week
3. Less than that but more than twice a month
4. Once or twice a month
5. Less than that but more than twice a year
6. Once or twice a year
7. Less than once a year

Helpscreen:
If a self-employed person gets things for their business delivered to home, don't count this unless the items are primarily for personal use. Exclude catalogues but include anything ordered from them. Items don't have to be ordered from or delivered to home.

Asked if has a delivery at least one or twice a year AND have had more than one type of item delivered (Deliv=1, 2, 3, 4, 5, 6 AND OrderN>1)
LastDN
SHOW CARD 13.
What was the last delivery of this sort that you received?
CODE ALL THAT APPLY
1. Food and drink (not including take away meals)
2. Clothes or footwear
3. Books/CDs/DVDs/software
4. Furniture
5. Soft furnishings/bedding
6. Electrical appliances or items (e.g. computer/fridge/tv/kettle)
7. Holiday/travel tickets
8. Any other tickets (not for travel)
9. Plants/bulbs/flowers/seeds
10. Health goods and toiletries
11. DIY/garden equipment
96. Anything else

XLastDN
Please specify other answer
TEXT SHOULD BE NO MORE THAN 60 CHARACTERS

HowOrd
And was this ordered by phone, by post or on the internet?
1. by phone
2. by post
3. on the internet

DelMeth
SHOW CARD 14
And on this occasion how was it delivered?
INTERVIEWER: IF RESPONDENT CAN'T REMEMBER ENTER <CTRL-K> FOR DON'T KNOW.
1. Through the postal system
2. Courier (including Royal Mail courier)
3. By supplier's delivery van/lorry
4. Not in when it was delivered/ Did not see how it was delivered
5. Another way

DelVisit
Before the order was placed, did you or anyone in your household make a specific visit to a shop or outlet to help decide which item to buy, or to view the item selected?
1. Yes
2. No
3. Can't remember
4. Not applicable to item

HowBN
SHOW CARD 15.
And if [you/your household] had not ordered this by [phone/post/internet], how do you think you would have bought it instead?
CODE ONE ONLY
IF MORE THAN ONE ANSWER, PROBE FOR MOST LIKELY METHOD
1. I would have bought it in person e.g. from a shop, travel agent, railway station etc.
2. Someone else in household would have bought it in person
3. Would have asked someone outside household to buy it in person
4. By phone
5. By post
6. On the internet
7. By fax
8. On the doorstep
9. Would not have bought it
97. Other (Specify)

XHowBN
Please specify other method.
TEXT SHOULD BE NO MORE THAN 60 CHARACTERS

HowSpec
If you/a member of your household had gone in person to buy the item, do you think you would have made a specific trip to do so, or would you have waited until the next time you were going to be in the area of the shop or outlet anyway?
1. Made a specific trip
2. Next time were in the area of the shop or outlet anyway

TravSpec
And what is the most likely way you/they would have travelled to get there?
1. Underground, metro, light rail, tram
2. Train
3. Bus, minibus or coach
4. Motorcycle, scooter or moped
5. Car or van
6. Taxi/minicab
7. Bicycle
8. On foot
97. Other (please specify*)*

XTravSpec
Please specify other reasons.
TEXT SHOULD BE NO MORE THAN 60 CHARACTERS

WhoShop
Can I check, who does the main food shopping for your household?

NOTE: IF THE MAIN FOOD SHOP IS DONE ON INTERNET/BY PHONE ETC PUT THE NAME OF PERSON WHO IS RESPONSIBLE FOR THAT.
CODE ALL THAT APPLY
1. Person 1
2. Person 2
3. Person 3
4. Person 4
5. Person 5
6. Person 6
7. Person 7
8. Person 8
9. Person 9
10. Person 10
11. Non-household member
12. Household does not do food shopping

IF more than one person does the food shopping (More than 1 coded at Whoshop)
ShopOft
And which one person does the main food shopping most often? Is it [Name] or [Name]?
INTERVIEWER: If respondent says all or equal prompt for who did main food shopping by themselves most recently. Otherwise ask respondent to nominate person to answer later questions about shopping.
CODE ONE ONLY
1. Person 1
2. Person 2
3. Person 3
4. Person 4
5. Person 5
6. Person 6
7. Person 7
8. Person 8
9. Person 9
10. Person 10
NO DK, NO REFUSAL

DVShop
(Computed variable) Person number of main food shopper in household.

IF the household does not do food shopping (WhoSho = 12)
YNoShop
Why is this?
CODE ALL THAT APPLY
1. Delivered by shop
2. Most food from meals on wheels/day centre/restaurant etc.
97. Other reason (specify)

IF 'other reason' why household does not do food shopping (YNoShop = 97)
XYNoShop
Please specify other reasons.

CHILDREN'S TRAVEL TO SCHOOL

+---+
| BChTrav / QTCHTRAV.INC |
| |
| |
| *ASKED FOR EACH CHILD AGED 5-16 IN |
| TURN, ANSWERED BY HRP OR |
| ANOTHER RESPONDENT AGED 16 OR |
| OVER* |
+---+

IF Aged 5-16.
SchInt
I'd now like to ask a few questions about your/the children's journey to and from school.
1. Press 1 and <Enter> to continue.

IF Aged 5-16.
SchDly
Does [Name] make a daily journey to and from school?
1. Makes daily journey
2. No daily journey (e.g. educated at home/boarding school)
3. Left school (e.g. 16 and just left school)

IF Aged 5-16 and child makes a daily journey to and from school (SchDly = 1)
TravSc
And how does [Name] usually travel to school?
CODE ONE ONLY, FOR THE LONGEST PART, BY DISTANCE, OF THE CHILD'S USUAL JOURNEY TO SCHOOL
IF DIFFERENT METHOD USED TO AND FROM SCHOOL, CODE METHOD TO SCHOOL.
1. Underground, metro, light rail, tram
2. Train
3. Public bus, minibus or coach
4. School or local authority bus, minibus or coach
5. Motorcycle, scooter or moped"
6. Car or van
7. Taxi/minicab
8. Bicycle
9. On foot
97. Other (specify)

Helpscreen:
If different methods used on different days of the week, code method used on the majority of days in the week

IF Aged 5-16 and child travels to school by 'other' method (TravSc=97)
XTravSc
Please specify other answer.

If usually travels by car or van to school (TravSc=6)
TravScW
And does [Name] usually travel to school with any children from a different household?
INTERVIEWER: ONLY INCLUDE OTHER CHILDREN ALSO GOING TO SCHOOL. THEY NEED NOT BE GOING TO THE SAME SCHOOL
1. Yes

2. No

*IF Aged 5-16 and child makes a daily journey to
and from school (SchDly = 1)*
HowSch
And how does [Name] **usually** travel home **from**
school?
CODE ONE ONLY, FOR THE LONGEST PART,
BY DISTANCE, OF THE CHILD'S USUAL
JOURNEY FROM SCHOOL
5. Underground, metro, light rail, tram
6. Train
7. Public bus, minibus or coach
8. School or local authority bus, minibus or
coach
5. Motorcycle, scooter or moped"
6. Car or van
7. Taxi/minicab
8. Bicycle
9. On foot
97. Other (specify)

*IF child travels from school by 'other' method
(HowSch=97)*
XHowSch
Please specify other answer.
TEXT SHOULD BE NO MORE THAN 60
CHARACTERS

IF aged 0-4
PreSch
Does [name] attend a nursery, pre-school or
primary school?
1. Yes
2. No

*(IF Aged 5-16 and makes a daily journey to and
from school (SchDly = 1))OR (PreSch=1)*
QSchAdd
What is the name and address of [name's]
nursery/school/college?
INTERVIEWER: OBTAIN AS FULL AN ADDRESS
AS POSSIBLE, INCLUDING POSTCODE IF
RESPONDENT CAN SUPPLY THIS. IF THE
RESPONDENT IS UNSURE OF EXACT
ADDRESS/ POSTCODE, PLEASE RECORD THE
NAME OF THEIR SCHOOL/COLLEGE AND AS
MUCH OF THE ADDRESS AS THEY CAN
PROVIDE.

*IF Aged 5-13 and child makes a daily journey to
and from school (SchDly = 1)*
AccAd
When [Name] travels to or from school is he/she
...READ OUT...
NOTE: BUS DRIVERS DO NOT COUNT AS AN
ACCOMPANYING ADULT
1. ...usually accompanied by an adult,
2. not usually accompanied by an adult,
3. or sometimes accompanied and sometimes
not?

4. (part of way accompanied, part of way not)

*IF child is accompanied to school by an adult
(AccAd = 1)*
NotAlw1
SHOW CARD 16
What are the reasons [Name] usually travels to
and from school with an adult?
CODE ALL THAT APPLY.
IF TOO YOUNG, PROBE: Why do you think
he/she's too young?
1. Traffic danger
2. Child might get lost/doesn't know the way
3. Child might not arrive (on time)
4. Fear of assault/molestation by an adult
5. Fear of bullying by other children
6. School too far away
7. Convenient to accompany child
97. Other reason (specify)

*IF there is another reason why child does not
usually travel to and from school on their own
(NotAlw1 = 97)*
XnotAlw1
Please specify other reasons.

IF Aged 5-13
Roads
Is [Name] ever allowed to cross roads without
being accompanied by an adult?
IF YES, PROBE: Is that always or sometimes?
NOTE: IF ONLY ALLOWED TO CROSS SOME
ROADS, CODE 'SOMETIMES'
1. Yes, (almost) always
2. Yes, sometimes/depends
3. No, never

*IF child is always or sometimes allowed to cross
roads without being accompanied by an adult
(Roads = 1 or 2)*
MainRd
And is [Name] allowed to cross main roads or only
minor roads?
1. Main roads
2. Only minor roads

VEHICLE GRID

BVehNum / QVEHNUM.INC

ASK ALWAYS
IchEmp
INTERVIEWER: ASK OR RECORD
May I just check is anyone in this household (are
you) in paid employment?
NOTE: INCLUDE SELF-EMPLOYMENT
1. Yes (Someone in household working)
2. No-one in household working
NO DK, NO REFUSAL

CarPool

Some companies have a car-pool from which employees take a car when they need one. Does your household use cars from a company car-pool?

NOTE: AS A DRIVER

1. Yes
2. No

Helpscreen:
Company pool cars are cars which are taken from an employer run pool and not necessarily the same one is taken each day. They are not counted as household vehicles and are not routed through the rest of the questionnaire.

ASK ALWAYS

UseVcl

SHOW CARD 17

Do you, or any members of your household, at present own or have continuous use of any of the motor vehicles listed on this card?

Please choose your answer from this card.

INCLUDE COMPANY CARS (IF AVAILABLE FOR PRIVATE USE)

DO NOT INCLUDE COMPANY CAR-POOL CARS – THESE ARE CARS EMPLOYEES CAN ACCESS WHEN THEY NEED ONE BUT ARE NOT AVAILABLE FOR CONTINUOUS PRIVATE USE

PLEASE REMEMBER TO INCLUDE NOT JUST CARS BUT ALSO LIGHT VANS, MOTOR BIKES, SCOOTERS AND MOPEDS

1. Yes
2. No

ASK ALWAYS

BrokenV

And are there any other motor vehicles which are broken down or not in use but which your household may begin to use in the next month?

1. Yes
2. No

Helpscreen: We ask about broken down vehicles in case they come back into use during the survey period.

IF household has continuous use of motor vehicle OR there are broken vehicles which may be used in the next month (UseVcl= 1 OR BrokenV=1)

NoPlveh

How many vehicles does your household own or have continuous use of at present?

INTERVIEWER: INCLUDE ANY BROKEN DOWN VEHICLES WHICH MAY BE IN USE WITHIN THE NEXT MONTH BUT EXCLUDE COMPANY POOL CARS

: 0..10

NO DK, NO REFUSAL

IF pick up interview is being conducted (StatusQ=2)

NewVeh

When we completed the main interview together on [Date of Placement Interview], I asked you about any vehicles that your household had regular use of:

(May I just check), have you acquired the use of any (other) vehicles since then but before the end of the travel diary week.

i.e before [end of travel week]

INCLUDE COMPANY CARS (IF AVAILABLE FOR PRIVATE USE)

DO NOT INCLUDE COMPANY CAR-POOL CARS - THESE ARE CARS EMPLOYEES CAN ACCESS WHEN THEY NEED ONE BUT ARE NOT AVAILABLE FOR CONTINUOUS PRIVATE USE

PLEASE REMEMBER TO INCLUDE NOT JUST CARS BUT ALSO LIGHT VANS, MOTOR BIKES, SCOOTERS AND MOPEDS

ENTER RESPONSE AND <ENTER>, THEN PRESS <END> TO GO TO THE NEXT PICK-UP QUESTION. SEE HELP SCREEN <F9> FOR HOUSEHOLD VEHICLE DEFINITION…

1. Yes
2. No

Helpscreen:
INCLUDE HOUSEHOLD OWNED available for all or part of the Travel Week, EMPLOYER OWNED available for all or part of the Travel Week.
HIRED/BORROWED if household has FULL access for the WHOLE Travel Week
TEMPORARILY OUT OF ACTION.
VAN/LORRY if used or private use of any kind

IF Household has acquired new vehicle since placement interview (NewVeh = 1)

NewNo

How many other vehicles have you acquired since [start of travel week]?

ENTER RESPONSE AND <ENTER>, THEN PRESS <END> TO GO TO NEXT PICK-UP QUESTION

:1..10

NO DK, NO REFUSAL

NumVeh

(computed variable) Number of vehicles.
PRECODED. PRESS ENTER TO CONTINUE

BVehTab/ QTVEHTAB.INC

IF pick up interview and household has acquired new vehicle since main interview (StatusQ=2 AND NewVeh = 1)

WhenAcq

When did you acquire the use of your [first/second etc] additional vehicle?. Was it...READ OUT...

NOTE: Travel week was from [date] to [date].

1. ...before the start of the Travel Week,
2. during the Travel Week,
3. or, after the end of the Travel Week?

IF Household acquired new vehicle during the Travel Week or does not know when they acquired the vehicle in relation to the Travel Week (WhenAcq = 2 OR DK)
DateAcq
Can you tell me the date on which you acquired the vehicle?

FOR EACH HOUSEHOLD VEHICLE
Make
What is the make of vehicle number [1, 2, 3, etc].
E.G. FORD, VAUXHALL, RENAULT, PEUGEOT

FOR EACH HOUSEHOLD VEHICLE
Model
And the model? [1, 2, 3, etc].
E.G FIESTA, CLIO, MICRA, 106

IF the model is known (Model = Response)
ModSpec
Is there a model type or specification for this vehicle? If so enter it here. [Vehicle number].
E.G 1.6, XR2i, TURBO, ESTATE, CONVERTIBLE, 5 DOOR, 4x4
INTERVIEWER: If 'no' press <ENTER> to continue.
IT IS IMPORTANT THAT YOU COLLECT FULL DETAILS ABOUT THE VEHICLE AS YOU WILL NEED THIS INFORMATION FOR CODING LATER IN THE INTERVIEW

FOR EACH HOUSEHOLD VEHICLE
VehUse
CODE WHETHER the [Vehicle Make] [Vehicle Model]
1. is in regular use,
2. may begin to be used in the next month,
3. ONLY ASK AT PICK UP: vehicle acquired since placement?

IF household has regular use of the motor vehicle (VehUse=1)
TypeVcl2
SHOW CARD 17
I would now like to ask about the [Vehicle Make] [Vehicle Model] [Model Specification]
vehicle. Can you tell me the type of vehicle this is from the list on this card.
1. 4-wheel car (side windows behind driver) (includes Multi Purpose Vehicles and people carriers
2. 4-wheel drive passenger vehicle (side windows behind driver)(eg Landrover, Jeep or similar)
3. 3-wheel car (side windows behind driver)
4. Minibus, motor-caravan, dormobile etc (side windows behind driver)

5. Light van (no side windows behind driver) (includes pick ups and car based vans)
6. Some other type of van or lorry
7. Motorcycle/scooter with sidecar
8. Motorcycle/scooter
9. Moped
10. Some other motor vehicle (specify)

IF household owns some other vehicle (TypeVcl2 = 10)
XOthType
INTERVIEWER: Record other type of motor vehicle

FOR EACH HOUSEHOLD VEHICLE
IF household vehicle is a car, minibus, motor-caravan, dormobile, or van (TypeVcl2=1, 2, 3, 4, or 5)
PrivVcl
Is the [Vehicle Make] [Vehicle Model]...
1. privately owned
2. or is it a company vehicle?

Helpscreen:
PRIVATELY OWNED includes vehicles:
- being bought on hire purchase
- used continuously, i.e. for private as well as business purposes, by a self-employed respondent who owns the business and uses the vehicle as if owned, although the respondent may state that it is owned by the company
A COMPANY car is any car for which someone in the household pays company vehicle tax. It includes:
- cars supplied by an employer, spouse's employer etc.
Company cars provided exclusively for company business, i.e. where no private usage is permitted, should be excluded (at the first question on vehicle ownership or continuous use). Cars purchased from an employer should be coded as privately owned.

FOR EACH HOUSEHOLD VEHICLE
HmnDriv
Who drives the most mileage in the [Vehicle Make] [Vehicle Model] (taken over the year as a whole)?
1. Person 1
2. Person 2
3. Person 3
4. Person 4
5. Person 5
6. Person 6
7. Person 7
8. Person 8
9. Person 9
10. Person 10
89. IF MAIN DRIVER NOT HOUSEHOLD MEMBER, ENTER 89

FOR EACH HOUSEHOL VEHICLE

IF pick up interview (StatusQ=2)
StillGot
INTERVIEWER: CODE OR ASK:
Does the household still have the [Vehicle Make] [Vehicle Model]?
ENTER RESPONSE THEN <ENTER>, THEN PRESS <END> TO GO TO NEXT PICK-UP QUESTION
1. Yes
2. No

If has vehicle at pick-up interview (StillGot=1)
TWMiles
VEHICLE
How many miles was the [VEHICLE] driven during the travel week?

If response given at TWMiles
KmMile
VEHICLE
INTERVIEWER ASK OR CODE: WAS THE ANSWER TO ' TWmiles' IN MILES OR KILOMETRES?
1. Miles
2. Kilometres

IF the household no longer has their vehicle at pick up ((StatusQ= 2 AND StillGot = 2)
WhenDis
Was the [Vehicle Make] [Vehicle Model]
sold or disposed of...READ OUT...
NOTE: Travel Week was from [Date] to [Date]
1. ...before the start of the Travel Week,
2. during the Travel Week,
3. or, after the end of the Travel Week?

IF the household disposed of their vehicle during the Travel Week or does not know when it was disposed of (Whendis=2 OR DK)
DateDis
On what date did you sell or dispose of the [Vehicle Make] [Vehicle Model]?

ASK ALL HOUSEHOLDS
BlueBdg
Does anyone in this household have a blue badge that allows them to park in disabled parking spaces?
INTERVIEWER: This badge was formerly referred to as the orange badge.
1. Yes
2. No

If a household member has a blue badge (BlueBdg=1)
WhoBlue
Which household member or members hold a blue badge?
INTERVIEWER: Code the household member(s) whose disability qualifies them
for a blue badge.
CODE ALL THAT HOLD BADGES
1. Person 1
2. Person 2
3. Person 3
4. Person 4
5. Person 5
6. Person 6
7. Person 7
8. Person 8
9. Person 9
10. Person 10

Individual Questionnaire

The individual questionnaire was changed in 2009 to allow 5 people per session rather than 4.

BSession/Session.INC

Ask ALL
IndInt
I now want to ask some questions about travel patterns, including any problems you might have travelling.
1. Continue

BWhoInt / QTWhoInt.INC

RECORD ALWAYS
WhoInt
ENTER THE NUMBER OF THE PERSON YOU WANT TO INTERVIEW (OR RECORD AS NOT AVAILABLE) FROM THE LIST BELOW
1. Person 1
2. Person 2
3. Person 3
4. Person 4
5. Person 5
6. Person 6
7. Person 7
8. Person 8
9. Person 9
10. Person 10
NO DK, NO REFUSAL

RECORD ALWAYS
IndQn
CODE WHETHER FACE TO FACE INTERVIEW, PROXY INTERVIEW, OR PERSON NOT AVAILABLE.
INTERVIEWER: IN GENERAL, FOR CHILDREN UNDER ELEVEN, INTERVIEW AN ADULT AND CODE AS 'PROXY'
1. Face to face
2. Proxy
3. Not available
NO DK, NO REFUSAL

DISABILITIES THAT AFFECT TRAVEL

BDisab / QTDisab.INC

ASK OF EACH PERSON AGED 16 OR OVER IN TURN (DVAge >= 16)

ASK ALL
MobDiff
NAME
(First of all I want to ask some questions about any health problem or physical disability that affects travelling).
Do you have any disability or other long standing health problem that makes it difficult for you to do any of the following… READ OUT EACH IN TURN…
INTERVIEWER: INCLUDE PROBLEMS DUE TO OLD AGE.
CODE ALL THAT APPLY.
1. go out on foot?
2. use local buses?
3. get in or out of a car?
4. no difficulty with any of these (SPONTANEOUS)

IF does not have any mobility difficulties when using transport (MobDiff=4)
OthDis
And do you have any other disability of long standing health problem that limits your activities in any other way?
By 'long standing' I mean anything that has trouled you over a period of at least 12 months or that is likely to affect you over a period of at least 12 months.
1. Yes
2. No

IF respondent is 16 or over and has difficulty going out on foot (If DVAge=>16 AND Mobdiff=1)
WhlAid
SHOW CARD 18
Do you use any of the things on this card to help you go out?
INTERVIEWER: A POWERED WHEELCHAIR IS SIMILAR IN DESIGN TO A MANUAL WHEELCHAIR EXCEPT IT IS POWERED.
1. Powered wheelchair
2. Manual wheelchair
3. Powered mobility scooter
4. Walking sticks
95. None of these
96. Other walking aid

IF respondent has use of a wheelchair or mobility scooter (QwhlAid = 1, 2 or 3)
PowWhUse
SHOW CARD 19
How often do you go out in your wheel chair or on your mobility scooter?
1. 3 or more times a week,
2. Once or twice a week,
3. Less than that but more than twice a month,
4. Once or twice a month,
5. Less than that but more than twice a year,
6. Once or twice a year,
7. Less than that or never

METHODS OF TRANSPORT USED

BMethod / QTMethod.INC

ASK ALL YEARS
IntroC
NAME

I would now like to ask you some questions about how often [you use /Name uses] various forms of transport.
1. Press 1 and <Enter> to continue.

PrivCar
Name
SHOW CARD 19
How frequently [do you/ does name] travel by private car? Do not include taxi.
PLEASE COUNT EACH SINGLE TRIP AS ONE JOURNEY AND EACH RETURN TRIP AS TWO.

NOTE: ONLY INCLUDE TRAVEL WITHIN GREAT BRITAIN, OVER THE LAST YEAR OR SO.
1. 3 or more times a week
2. Once or twice a week
3. Less than that but more than twice a month
4. Once or twice a month
5. Less than that but more than twice a year
6. Once or twice a year
7. Less than that or never

Ordbus
NAME
SHOW CARD 21
How frequently do you use local buses?
PLEASE COUNT EACH SINGLE TRIP AS ONE JOURNEY AND EACH RETURN TRIP AS TWO.
NOTE: ONLY INCLUDE TRAVEL WITHIN GREAT BRITAIN, OVER THE LAST YEAR OR SO.
1. 3 or more times a week
2. Once or twice a week
3. Less than that but more than twice a month
4. Once or twice a month
5. Less than that but more than twice a year
6. Once or twice a year
7. Less than that or never

Coach
NAME
SHOW CARD 21
(How frequently do you/does name use) an express bus or coach within Great Britain?
PLEASE COUNT EACH SINGLE TRIP AS ONE JOURNEY AND EACH RETURN TRIP AS TWO.
NOTE: ONLY INCLUDE TRAVEL WITHIN GREAT BRITAIN, OVER THE LAST YEAR OR SO
1. 3 or more times a week
2. Once or twice a week
3. Less than that but more than twice a month
4. Once or twice a month
5. Less than that but more than twice a year
6. Once or twice a year
7. Less than that or never

Train
NAME
SHOW CARD 21
(How frequently do you/does name use) a train, not including underground, tram or light rail?
PLEASE COUNT EACH SINGLE TRIP AS ONE JOURNEY AND EACH RETURN TRIP AS TWO.
NOTE: ONLY INCLUDE TRAVEL WITHIN GREAT BRITAIN,
OVER THE LAST YEAR OR SO.
1. 3 or more times a week
2. Once or twice a week
3. Less than that but more than twice a month
4. Once or twice a month
5. Less than that but more than twice a year
6. Once or twice a year
7. Less than that or never

TaxiCab
NAME
SHOW CARD 21
(How frequently do you/ does name use) a taxi/minicab?
PLEASE COUNT EACH SINGLE TRIP AS ONE JOURNEY AND EACH RETURN TRIP AS TWO
NOTE: ONLY INCLUDE TRAVEL WITHIN GREAT BRITAIN, OVER THE LAST YEAR OR SO.
1. 3 or more times a week
2. Once or twice a week
3. Less than that but more than twice a month
4. Once or twice a month
5. Less than that but more than twice a year
6. Once or twice a year
7. Less than that or never

Plane
NAME
SHOW CARD 21
(How frequently do you/does name take) an **internal** air flight within Great Britain?
PLEASE COUNT EACH SINGLE TRIP AS ONE JOURNEY AND EACH RETURN TRIP AS TWO.
NOTE: ONLY INCLUDE TRAVEL WITHIN GREAT BRITAIN, OVER THE LAST YEAR OR SO.
1. 3 or more times a week
2. Once or twice a week
3. Less than that but more than twice a month
4. Once or twice a month
5. Less than that but more than twice a year
6. Once or twice a year
7. Less than that or never

CYCLING

BCycle / QTCycle.INC

ALL QUESTIONS ASKED OF EACH PERSON AGED 5 OR OVER IN TURN

ASK ALL
GenCycle
NAME
(The next few questions are about cycling.)
Excluding exercise bikes, do you... READ OUT...
1. ...own a bicycle yourself,
2. have regular use of a bicycle owned by someone else,
3. or have no regular use of a bicycle?

IF respondent regularly uses bicycle owned by someone else (GenCycle = 2)
CycElse
NAME
Is that bicycle owned by someone in your household or someone outside the household?
1. Someone in the household
2. Someone outside the household

ASK ALL
Cycle12
NAME
(May I just check,) have you ridden a bicycle during the last 12 months, (that is since [this date last year])?
1. Yes
2. No
3. Don't know / Can't remember

Helpscreen:
This means independently riding a bicycle. Do not count riding on a child seat or bicycle attached to an adults

DRIVING LICENCE

BDrLic / QTDrLic.INC

ASKED OF EACH PERSON AGED 16 OR OVER IN TURN (DVage=> 16)

ASK ALL
DLFull
NAME
Do you hold a full driving licence valid in Great Britain to drive either a car, or a motorcycle, scooter or moped?
INCLUDE: DISQUALIFIED DRIVERS AND INTERNATIONAL PERMITS/OTHER LICENCES VALID IN THE UK.
1. Yes
2. No

If respondent has full driving licence (DLFull = 1)
DLTyp95
NAME
Is it for a car only, a motorcycle only or for both, or is it for a car with special adaptations?

THE CODES AFTER THE '/' APPLY TO LICENCES ISSUED AFTER JUNE 1990
INTERVIEWER: ASK RESPONDENT TO CHECK DRIVING LICENCE
1. Car (A or B) / (B)
2. Car (A or B) / (B) - (AUTOMATIC ONLY)
3. Both car and motorcycle (A&D)/(A&B)
4. Motorcycle (D) / (A)/P
5. Car with special adaptations (A restricted, B)
6. Moped (E) / (P)

IF driving licence is for both a car and motorcycle (DLTyp95 = 3)
CarMot95
NAME
May I just check, have you actually passed a test to drive a motorcycle of over 125CC?
1. Yes
2. No

IF (respondent uses cars from a company car-pool OR owns or has continuous use of a vehicle OR household may begin to use broken down vehicle in the next month) AND (respondent has full driving licence (Carpool=Yes OR UseVcl=Yes OR BrokenV=Yes) AND (DLFull=Yes).
VehUsu
NAME
READ OUT IF MORE THAN ONE VEHICLE
(May I check) which is the car/(vehicle) you usually drive?
INTERVIEWER: ENTER VEHICLE NUMBER OR CODE 89 IF INFORMANT USUALLY DRIVES A NON-HOUSEHOLD CAR
1. Vehicle 1
2. Vehicle 2
3. Vehicle 3
4. Vehicle 4
5. Vehicle 5
6. Vehicle 6
7. Vehicle 7
8. Vehicle 8
9. Vehicle 9
10. Vehicle 9
11. Vehicle 10
89. Usually drives non household vehicle

IF respondent does not hold a full driving licence or only has a motorcyle or moped licence, and is older than 59 ((DLFull = 2 OR DLTyp95 = 4 OR DLTyp95 = 6) AND (DVAge > 59))
EvDLic95
NAME
Have you ever held a full driving licence valid in Great Britain to drive a car?
1. Yes
2. No

If respondent does not hold a full driving licence or only has a moped or motorcycle licence and is older than 59 and respondent did once have a licence

IF respondent does not have a full driving licence for a car, motorcycle, scooter or moped and respondent has never held a full driving licence for a car (DLFull = 2 AND EvDLic95 = 2)
DLProv
NAME
Do you hold a provisional driving licence for a car, motorcycle, scooter or moped?
1. Yes
2. No

If respondent has a provisional licence for a car, motorcycle, scooter or moped (DLProv = 1)
ProTyp95
NAME
Is it for a car only, a car and motorcycle, a car with special adaptations or something else?
 CODE FIRST THAT APPLIES
1. Car only
2. Car and motorcycle
3. Car with special adaptations
5. Motorcycle, scooter or moped only
4. Something else (SPECIFY)

IF provisional licence is for some other vehicle (ProTyp95 = 5)
XProTp95
NAME
INTERVIEWER: Record other answer

IF the respondent has a provisional licence for a car, automatic car or car with adaptations (ProTyp95=1,2,3)
PDrivSt
Are you currently learning to drive?
1. Yes
2. No

EDUCATION, PAID WORK AND JOURNEY PLANNING

BILO / QTILO.INC

ASKED OF EACH PERSON AGED 16 OR OVER IN TURN (DVage=>16)

ASK ALL
EdAttn1
I would now like to ask you a few questions about your education and employment.
Do you have any educational qualifications for which you received a certificate?
1. Yes
2. No

Helpscreen:
If the respondent is unsure, then educational qualifications are usually obtained at school, college or university. Respondent need not have the certificate in their possession NOW - just must have received one once.

IF does not have any educational qualifications (EdAttn1 = 2)
EdAttn2
Do you have any professional, vocational or other work-related qualifications for which you received a certificate?
1. Yes
2. No

Helpscreen:
Respondent need not have the certificate in their possession NOW - just must have received one once.

IF has a qualification (EdAttn1 = 1 OR EdAttn2 = 1)
EdAttn3
NAME
Was your highest qualification....
1. at degree level or above
2. or another kind of qualification?

Helpscreen:
Do not attempt to give any guidance, or express any opinion of your own about any of the terms used. If respondents say they are unsure what counts as a 'certificate' or 'degree-level' (or any other term), reassure them that we would like them to make their own best judgement of how to answer.

ASK ALL
Wrking
NAME
Did you do any paid work in the 7 days ending Sunday the [date of last Sunday], either as an employee or as self-employed?
1. Yes
2. No

Helpscreen:
Take respondent's definition, but it must be PAID work. PAID WORK means ANY work FOR PAY OR PROFIT done in the reference week, including Saturday jobs, casual work (eg baby-sitting, running a mail order club, etc.) children with a paper round etc, even though they may still be at school, work by 'retired'.
Include self-employed people if they work in their own business, professional practice, or farm for the purpose
of earning a profit.

Exclude nurses in training under Project 2000 and other student nurses.

IF respondent did not do any paid work and aged less than 63 if female or less than 65 if male (Wrking = 2 and DVAge<63/65)
SchemeET
NAME
Were you on a government scheme for employment training?
1. Yes

2. No

JbAway
NAME
Did you have a job or business that you were away from?
1. Yes
2. No
3. Waiting to take up a new job/business already obtained

Helpscreen:
Only code YES if there is definitely a job to return to.

Take the respondent's definition of whether they are in paid work or not. If they are unsure: a job exists if there is a definite arrangement between an employer and an employee for work on a regular basis, whether work is full or part time.

Long term absence from work, except career breaks: if total absence exceeds 6 months, a person has a job only if full or partial pay has been received during absence and they expect to return to same employer.

Career breaks - as above except pay not necessary.

Seasonal workers 'between seasons' (ie not currently working) should be coded 2. (Note, the odd week of sick leave during the working season should be treated the same as in other work, and coded 1.

Casual workers - code No even if expect to work for employer again in future.

OwnBus
NAME
Did you do any unpaid work in that week for any business that you own?
1. Yes
2. No

Helpscreen:
The people we expect to answer Yes here are those whose work contributes directly to a business, farm, or professional practise that they own, but who receive no pay or profits. EXCLUDE unpaid voluntary work done for charity etc.

RelBus
NAME
...or that a relative owns?....
1. Yes
2. No

Helpscreen:
The people we expect to answer Yes here are those whose work contributes directly to a business, farm, or professional practise OWNED BY A RELATIVE, but who receive no pay or profits (e.g. a wife doing her husband's accounts or helping with family business).
EXCLUDE unpaid voluntary work done for charity etc.

Looked
NAME
Thinking of the 4 weeks ending Sunday the [Date of last Sunday], were you looking for any kind of paid work or government training scheme at any time in those 4 weeks?
1. Yes
2. No
3. Waiting to take up a new job or business already obtained

Helpscreen:
'Looked for paid work' may cover a wide range of activities and you should NOT try to interpret the phrase for the respondent.
Looking in the paper for vacancies is an active form of search.
Looking for work on government scheme requires an approach to the agency.

HowLong
SHOW CARD 25
NAME
How long have you been looking/were you looking for paid work/a place on a govenment scheme
1. Not yet started
2. Less than 1 month
3. 1 month or more, less than 3 months
4. 3 months or more, less than 6 months
5. 6 months or more, less than 12 months
6. 12 Months or more

 StartJ
NAME

If a job or a place on a government scheme had been available in the week ending Sunday the [date of last Sunday], would you have been able to start within 2 weeks?
1.   Yes
2.   No

IF respondent was not looking for paid work or did not have a job that they were away from (Looked = 2 OR StartJ = 2)
YInAct
NAME
What was the main reason you (did not seek any work in the last 4 weeks/would not be able to start in the next 2 weeks?)
1.   Student
2.   Looking after the family/home
3.   Temporarily sick or injured
4.   Long-term sick or disabled
5.   Retired from paid work
6.   Other reasons

Helpscreen:
There is no predetermined definition of any of the categories at this question; you should accept the respondent's answer.
Do not prompt the categories. If, exceptionally, an answer covers more than one coding category, ask which is the main reason and code that one only.

Computed variable
DVILO3a
DV for ILO in employment - 3 categories
1.   InEmp (employed)
2.   Unemp (unemployed)
3.   EcInAct (economically inactive)

Computed variable
DVILO4a
DV for ILO in employment - 4 categories
1.   InEmpXuf
2.   UFW
3.   Unemp
4.   EcInAct

BEDUC / QTEduc.INC

ASKED OF EACH PERSON, IN TURN, WHO ARE AGED 16 OR OVER, AND ARE WORKING OR ON A TRAINING SCHEME OR AWAY FROM A JOB OR WAITING TO TAKE UP A JOB OR LOOKED FOR WORK IN LAST 4 WEEKS OR ARE NOT LOOKING FOR WORK BECAUSE THEY ARE A STUDENT
(DVAGE=>16 AND (WRKING=1 OR SCHEMEET=1 OR JBAWAY=1 OR 3 OR LOOKED=1 OR YINACT=1))

EducN
NAME

Is name / are you at present attending a school or college, either full time or part time?
1.   Yes - full time
2.   Yes - part time
3.   No

If aged 16 or over and in full or part-time education (EducN=1 or 2)
EducTr
Do you travel to a school, college or university to undertake this course or is it done through distance learning?
1.   Travels to school/college/university
2.   Distance learning

If travels to education (EducTr=1)
QEAdd
What is the name and address of your school/college?
INTERVIEWER: OBTAIN AS FULL AN ADDRESS AS POSSIBLE, INCLUDING POSTCODE IF RESPONDENT CAN SUPPLY THIS. IF THE RESPONDENT IS UNSURE OF EXACT ADDRESS/ POSTCODE, PLEASE RECORD THE NAME OF THEIR SCHOOL/COLLEGE AND AS MUCH OF THE ADDRESS AS THEY CAN PROVIDE.

LAST PAID JOB

BLastJb / QTLastJb.INC

ASKED OF ALL IN TURN, IF THEY ARE 16 OR OVER AND UNEMPLOYED OR ECONOMICALLY INACTIVE (DVAGE =>16 AND DVIL03a = 2 OR 3)

ASK ALL
Everwk
NAME
Have you ever had a paid job, apart from casual or holiday work?
1.   Yes
2.   No

IF has had a paid job (Everwk = 1)
DtJbL
NAME
When did you leave your last PAID job?
FOR DAY NOT GIVEN.....ENTER 15 FOR DAY
FOR MONTH NOT GIVEN....ENTER 6 FOR MONTH
THIS QUESTION DOES NOT INCLUDE CASUAL OR HOLIDAY WORK

Helpscreen:
If day and month are not volunteered readily, only probe as follows:
day....if in last 12 months

month....if in last 24 months.

MAIN JOB DETAILS

> BMainJb / QTMainJb.INC
>
> *ASKED OF ALL IN TURN, IF THEY ARE 16 OR OVER AND EMPLOYED OR HAVE EVER HAD A PAID JOB (DVAge >= 16 AND (DVIL03a = 1 OR EVERWK=1))*

ASK ALL
IndD
NAME
CURRENT OR LAST JOB
What did/(does) 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 DISTRIBUTING ETC. AND MAIN GOODS PRODUCED, MATERIALS USED, WHOLESALE or RETAIL ETC.

ASK ALL
OccT
NAME
JOB TITLE CURRENT OR LAST JOB
What was/(is) your (main) job (in the week ending Sunday the [date of last Sunday]?

Helpscreen:
REFERENCE PERIOD: MAIN job in reference week or last job if ever worked.

DEFINITION OF MAIN JOB: respondents with more than one job should decide themselves which is their main job. Only if they are unable to do so should the LFS criterion be applied: the job which was the largest number of hours.

ASK ALL
OccD
NAME
CURRENT OR LAST JOB
What did/(do) you mainly do in your job?
CHECK SPECIAL QUALIFICATIONS/TRAINING NEEDED TO DO THE JOB

ASK ALL
Stat
NAME
Were/(Are) you working as an employee or were/(are) you self-employed?
1. Employee
2. Self-employed

Helpscreen:
The division between employees and self-employed is based on RESPONDENTS' OWN ASSESSMENT of their employment status in their main job.

Freelancers can be employed or self-employed. If respondent cannot decide which they are, ask if they are invoicing another company for work carried out **and** are responsible for their own tax and NI. If so, then they are self-employed.

IF respondent is/was an employee (Stat = 1)
SVise
NAME
In your job, do/(did) you have formal responsibility for supervising the work of other employees?
DO NOT INCLUDE PEOPLE WHO ONLY SUPERVISE:
- children, e.g. teachers, nannies, childminders
- animals
- security or buildings, e.g. caretakers, security guards
1. Yes
2. No

IF respondent did supervise other employees (SVise = 1)
SViseDesc
NAME
Please describe the type of responsibility you have/(had) for supervising the work of other employees.
INTERVIEWER: PROBE FOR WHO AND WHAT IS BEING SUPERVISED

IF respondent is/was an employee (Stat = 1)
EmpNo
NAME
How many people work(ed) for your employer at the place where you work(ed)?
Were there...READ OUT
1. ...1 to 24,
2. 25 to 499,
3. or 500 or more employees?

Helpscreen:
We are interested in the size of the local unit of the establishment at which the respondent works but we only want the number of employees working for the **same employer** as the respondent. Thus at sites shared by several organisations we would not include all employees - just those working for the respondent's employer. The 'local unit' is considered to be the geographical location where their job is mainly carried out. Normally this will consist of a single building, part of a building, or at the largest a self-contained group of buildings.

It is the total number of employees at the respondent's workplace that we are interested in, not just the
number employed within the particular section or department in which he/she works.

If a respondent works from a central depot or office (e.g. a service engineer) base, then the answer is the number of people who work at or from the central location. Note that many people

who work 'from home' have a base office or depot that they communicate with. It may even be true of some people who work 'at home' (e.g. telecommuter who retains a desk or some minimal presence in an office). If in doubt, accept the respondent's view of whether or not there is a wider establishment outside the home that they belong to for work purposes.

For self-employed people who are subcontracted for any significant (respondent's definition) length of time to work in a particular place (e.g. building site), that is their place of work.

IF respondent was/is self employed (Stat = 2)
Solo
NAME
Were/(are) you working on your own or did/(do) you have employees?
ASK OR RECORD
1. on own/with partner(s) but no employees
2. with employees

Helpscreen:
The following should not be counted as employees. They should be excluded from the total number of employees at SENO:
-Any relative who is a member of the informant's household.
-Any partners in a partnership (as they would also be self employed)

For self-employed people who are subcontracted for any significant (respondent's definition) length of time to work in a particular place (e.g building site) that is their place of work.

If the informant is unable to decide whether they employ anyone or not then code 1 ('on own/with partner(s) but no employees") should take priority.

IF respondent works/has worked with employees (Solo = 2)
SENo
NAME
How many people did/(do) you employ at the place where you work(ed)?
Were/(Are) there ... READ OUT ...
1. ...1 to 24,
2. or, 25 or more?

Helpscreen:
We are interested in the size of the 'local unit of the establishment' at which the respondent works in terms of total number of employees. The 'local unit' is considered to be the geographical location where their job is mainly carried out. Normally this will consist of a single building, part of a building, or at the largest a self-contained group of buildings.

It is the total number of employees at the respondent's workplace that we are interested in,

not just the number employed within the particular section or department in which he/she works.

The following should not be counted as employees. They should be excluded from the total number of employees at SENO:
-Any relative who is a member of the informant's household.
-Any partners in a partnership (as they would also be self employed)

For self-employed people who are subcontracted for any significant (respondent's definition) length of time to work in a particular place (e.g building site) that is their place of work.

ASK ALL
FtPtWk
NAME
In your (main) job were/(are) you working... READ OUT ...
1. ...full time,
2. or part time?

Helpscreen:
We are interested in SELF-ASSESSMENT - let the RESPONDENT decide whether the job is full-time or part-time.

INCOME

BIncme / QTIncme.INC

ASKED OF ALL IN TURN, IF THEY ARE 16 OR OVER (DvAge >= 16)

ASK ALL
Incme
NAME
SHOW CARD 26
This card shows a number of possible sources of income. Can you tell me whether you personally receive income from any of these? I do not need to know which.

PRESS <F9> FOR SOURCES OF INCOME SHOWN ON CARD L
CODE 1 IF INFORMANT RECEIVES INCOME FROM ANY OF THESE SOURCES
CODE 2 IF INFORMANT STATES THAT THEY HAVE NO SOURCE OF INCOME.
1. Income received
2. No source of income

Helpscreen:
We ask about income because it has a strong influence on people's travel patterns - e.g. how far they travel and by what methods. Knowing about the travel patterns of people on different incomes helps the Department for Transport to meet the needs of people on low incomes, for example, by

ensuring that enough buses are available in the areas where they live.

This question is designed to remind the respondent of all possible sources of income which are to be included in the next questions. You do not need to enter these sources - simply code 1 if they have any of the sources of income on the card (shown below) or 2 if they have no source of income.

SHOW CARD 26.
Earned Income/ Salary
Income from self employment
Pension (state, private or from former employer)
Child Benefit
Disabled Person's Tax Credit (formerly Disability Working Allowance)
Disability Living Allowance
Other state benefits or allowances e.g.
- Working Families Tax Credit
- Jobseeker's Allowance
- Income Support
- Housing Benefit
- Council Tax Benefit
- Incapacity Benefit (formerly NI
  Sickness/Invalidity Benefit)
- Maternity Allowance/Statutory Maternity Pay
- Attendance Allowance
- Invalid Care Allowance
- Severe Disablement Allowance
- Widow/Widowers'/Bereavement Benefits
Interest from savings, building society, investments etc.
Other regular allowances (e.g. maintenance from former partner, annuity, student grant etc)
Other sources.

If respondent received income (Incme = 1)
IncGrp
NAME
SHOW CARD 27
Which of the letters on this card represents your own gross income from all sources mentioned?
By gross income, I mean income from all sources before deductions for income tax, National Insurance etc. Please just tell me the letter.
INTEVIEWER - PLEASE TYPE IN THE LETTER

Helpscreen:
Income from shares / dividends are included.

We ask about income because it has a strong influence on people's travel patterns - e.g. how far they travel and by what methods. Knowing about the travel patterns of people on different incomes helps the Department for Transport to meet the needs of people on low incomes, for example, by ensuring that enough buses are available in the areas where they live

If respondent is the Household Reference Person AND the number of adults in the household is greater than 1 (QTHComp.NumAdult > 1)
HIncGrp
NAME
SHOW CARD 27
INTERVIEWER: IF YOU ALREADY KNOW THAT THIS IS A ONE PERSON HOUSEHOLD, YOU CAN ENTER THE SAME ANSWER GIVEN AT THE PREVIOUS QUESTION [Letter entered at IncGrp]
And now think of the income of the household as a whole. Which of the letters on this card represents the gross income of the WHOLE household?
INTEVIEWER - PLEASE TYPE IN THE LETTER

Helpscreen:
Income from shares / dividends are included.
We ask about income because it has a strong influence on people's travel patterns - e.g. how far they travel and by what methods. Knowing about the travel patterns of people on different incomes helps the Department for Transport to meet the needs of people on low incomes, for example, by ensuring that enough buses are available in the areas where they live.

LOCATION OF WORK

BWorkPl / QTWorkPl.INC

ASKED OF ALL IN TURN, IF THEY ARE 16 OR OVER AND EMPLOYED (DVAge >= 16 AND DVIL03a = 1)

ASK ALL
WkPlace
NAME
[Thinking about your/his/her main job] When you go to work do you... READ OUT
1.   ...go to the same place every time,
2.   go to the same place on at least 2 days running each week,
3.   go to different places,
4.   or work at home or in the same building or grounds as your home.

Helpscreen:
Informants can only have one usual place of work. This will be a place they visit on at least 2 consecutive days per week for at least 4 consecutive weeks.
If the respondent has two work places he/she visits regularly (2 consecutive days per week or more, etc), then the one visited **most frequently** is treated as the usual place of work. If both are visited with the same frequency the one **furthest away from home** is the usual place of work.

IF respondent goes to the same workplace each time or at least 2 days a week (WkPlace = 1 or 2)
WkRef
NAME

Where do you go to work?
ADD IF NECESSARY: Can you tell me the town or area?
INTERVIEWER: TYPE IN FIRST FEW LETTERS OF PLACE NAME TO ENTER CODING FRAME. IF THE PLACE IS NOT LISTED, TYPE XXX AND CODE AS 9999997 (NOT LISTED/DON'T KNOW)
ON EXITING CODING FRAME PRESS ENTER TO MOVE TO NEXT QUESTION.

Conputed variable
WkUrbCd
City Centre code for urban areas

IF respondent works in a town (WkUrbCd = 1..22 OR WkUrbCd = 24..48)
WkTown
NAME
Is it within [X minutes walk of X]?
1. Within
2. Not within

IF respondent works in an urban area (WkUrbCd = 50, 89 AND UrbRural = 1..14, 89)
WkOthUrb
NAME
Is it within 5 mins walk of the main shopping/business centre?
1. Within
2. Not within

IF respondent goes to the same workplace each time or at least 2 days a week (WkPlace = 1 or 2)
WkAdd1
NAME
What is the address of your usual place of work?
INTERVIEWER: obtain as full an address as possible, including postcode if respondent
Can supply this. If the respondent is unsure of exact address/ postcode, please record the Name of their employer/office and as much of the address as they can provide.

Use <ctrl + R> if respondent does not wish to provide the address.

Enter first line of the address.

INTERVIEWER: The journey to work is the most frequently travelled journey for many
People. This information will allow the exact distance of this journey to be calculated.

If first line of work address entered (WkAdd1 = Response)
WkAdd2
NAME
Address of usual place of work.
INTERVIEWER: ENTER NEXT LINE OF THE ADDRESS
OR PRESS <ENTER> KEY IF NO MORE.
DO NOT ENTER POSTCODE HERE.

If second line of work address entered (WkAdd2 = Response)
WkAdd3
NAME
Address of usual place of work.
INTERVIEWER: enter **next line of the address**
Or press <enter> key if no more.
DO NOT ENTER POSTCODE HERE.

If third line of work address entered (WkAdd3 = Response)
WkAdd4
NAME
Address of usual place of work.
INTERVIEWER: enter **next line of the address**
Or press <enter> key if no more.
DO NOT ENTER POSTCODE HERE.

If first line of work address entered (WkAdd1 = Response)
WkPC
NAME
What is the postcode of your usual place of work?
INTERVIWER: Use <CTRL + K> if does not know.

If work postcode given (WkPC = Response)
WkKnow
INTERVIEWER: Record whether the respondent knew their work place address, including full postcode, or whether they had to look it up.
1. Knew work place address including post code,
2. Looked it up,
3. Did not provide full postcode/Other

TRAVEL TO WORK

BWkMeth / QTWkMeth.INC

ASKED OF ALL IN TURN, IF THEY ARE 16 OR OVER AND WORK AT SAME PLACE EVERY TIME, AT LEAST 2 DAYS A WEEK OR GOES TO DIFFERENT PLACES (DVAge>=16 AND (WkPlace = 1, 2 or 3))

ASK ALL
WkTrav
NAME
How do you usually travel to work?
THIS QUESTION APPLIES FOR THE MAIN JOB, THAT IS THE JOB IN WHICH RESPONDENT USUALLY WORKS THE MOST HOURS.
CODE ONE ONLY, FOR THE LONGEST PART, BY DISTANCE, OF THE RESPONDENT'S USUAL JOURNEY TO WORK.
1. Underground, metro, light rail, tram
2. Train
3. Bus, minibus or coach
4. Motorcycle, scooter or moped
5. Car or van
6. Taxi/minicab

7. Bicycle
8. On foot
97. Other (specify)

Helpscreen:
Only Use 'other' code at WkTrav if none of the following apply:
Code 1 (tube) for Tyne & Wear Metro, Greater Manchester Metrolink, Glasgow Underground, Croydon Tramlink, West Midlands Metro, Sheffield Supertram, and Docklands Light Railway.
Code 3 (bus) for coaches, works bus, contract buses and minibuses.
Code 5 (car) for works vans, firms car, and transit vans.

Leave following as 'other': lorry, plane, works abroad.

If the respondent has two work places he/she visits regularly (2 consecutive days per week or more, etc), then the one visited **most frequently** is treated as the usual place of work. If both are visited with the same frequency the one **furthest away from home** is the usual place of work.

If respondent travels to work some other way (WkTrav = 97)
XWkTrav
NAME
INTERVIEWER: Please record how informant usually travels to work.
Remember to recode WkTrav 1 to 8 where possible.
If respondent now says they work and live in the same premises then please go back and amend WkPlace

Helpscreen:
Only Use 'other' code at WkTrav if none of the following apply:
Code 1 (tube) for Tyne & Wear Metro, Greater Manchester Metrolink, Glasgow Underground, Croydon Tramlink, West Midlands Metro, Sheffield Supertram, and Docklands Light Railway.
Code 3 (bus) for coaches, works bus, contract buses and minibuses.
Code 5 (car) for works vans, firms car, and transit vans.

Leave following as 'other': lorry, plane, works abroad

Ask ODD years only. If travels to work by motorcycle, scooter or moped, car or van or taxi/minicab (WkTrav = 3,4 OR 5)
WkRoad
NAME
SHOW CARD 28
And on your journey to work, which of these types of road do you travel on?
INTERVIEWER NOTE: We are interested in all road types used, not just the ones covering the greatest distance.

CODE ALL THAT APPLY.
1. Motorway
2. Dual carriageway
3. Other major roads (other A roads)
4. Local road in a city or town (including B roads)
5. Local road outside a city or town (including B roads)
6. Other (please specify)

Ask ODD years only. If travels to work on other type of road (WkRoad=6)
XWkRoad
NAME
INTERVIEWER: Please record details of other type of road used"

Ask ODD years only. If respondent normally travels to work by car or van (WkTrav = 5)
WkDrive
NAME
When travelling to work are you...READ OUT
1. ...usually the driver,
2. usually the passenger
3. or sometimes driver and sometimes passenger

Ask ODD years only. If usually travels to work by car (WkTrav=5)
WkLift
NAME
SHOW CARD 29
When travelling to work, how often, if at all do you give a lift to or receive a lift from a work colleague?
INTERVIEWER NOTE: PLEASE **DO NOT** INCLUDE GIVING PEOPLE LIFTS PART OF THE WAY (E.G. PICKING UP FROM BUS STOP).
1. 3 or more times a week
2. Once or twice a week
3. Less than that but more than twice a month
4. Once or twice a month
5. Less than that but more than twice a year
6. Once or twice a year
7. Less than that or never

WORKING AT HOME

BWkHome / QTWkHome.INC

ASKED OF ALL IN TURN, IF THEY ARE 16 OR OVER AND IN EMPLOYMENT (DVage=>16 AND DVILO3a=1)

.
ASK ALL
OftHome
NAME
SHOW CARD 29
How often, if at all, do you/does name work from home instead of going to your (usual) place of work?

INTERVIEWER: WE ARE INTERESTED IN WHETHER THE RESPONDENT IS WORKING AT HOME INSTEAD OF GOING TO THEIR (USUAL) PLACE OF WORK. DO NOT INCLUDE IF ADDITIONAL TO NORMAL WORKING HOURS
(E.G. ADDITIONAL WORK AT HOME IN EVENINGS OR WEEKEND), AND DO NOT INCLUDE SELF-EMPLOYED PEOPLE (E.G. PLUMBERS) DOING ADMINISTRATIVE PAPERWORK.
DO NOT INCLUDE PEOPLE WHO WORK AT HOME FOR PART OF THE DAY AND GO TO THEIR (USUAL) PLACE OF WORK FOR PART.

1. 3 or more times a week
2. Once or twice a week
3. Less than that but more than twice a month
4. Once or twice a month
5. Less than that but more than twice a year
6. Once or twice a year
7. Less than that or never

If works at home once or twice a month, or more often (Ofthome=1, 2, 3, or 4)
HomedayN
NAME
On which days of the week do you usually work from home or does it vary?
CODE ALL THAT APPLY

1. Monday
2. Tuesday
3. Wednesday
4. Thursday
5. Friday
6. Saturday
7. Sunday

SHOPPING

BShDiff / QTShDiff.INC

ALL QUESTIONS ASKED OF MAIN FOOD SHOPPER (FROM DVSHOP)

FdShp
NAME
SHOW CARD 33
Now some questions about shopping. How do you usually do your main food shopping?
INTERVIEWER NOTE: IF THE RESPONDENT VISITS A SUPERMARKET TO CHOOSE AND BUY FOOD AND THEN ARRANGES FOR IT TO BE DELIVERED, CODE AS 1 (GO TO SHOPS/MARKET IN PERSON).

1. Go to shops/market in person
2. Someone else goes to shops for me (e.g friend, relative, carer)
3. Order online for home delivery
4. Order by phone for home delivery
5. Order by post for home delivery
96. Other

FdDel
NAME
SHOW CARD 34
And how often (if at all) do you have food or drink delivered to the home that you have ordered by phone, post or the internet?
EXCLUDE MILK AND TAKE AWAY MEALS

1. 3 or more times a week
2. Once or twice a week
3. Less than that but more than twice a month
4. Once or twice a month
5. Less than that but more than twice a year
6. Once or twice a year
7. Less than that or never

FdFreq
SHOW CARD 34
And how often nowadays do you / does name go to a shop to buy food or drink for the home?
Do not include going to buy lunch or a takeaway.

1. 3 or more times a week
2. Once or twice a week
3. Less than that but more than twice a month
4. Once or twice a month
5. Less than that but more than twice a year
6. Once or twice a year
7. Less than that or never

If does food shopping in person (Fdshp=1)
TravSh
NAME
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. Underground, metro, light rail, tram
2. Train
3. Bus, minibus or coach
4. Motorcycle, scooter or moped
5. Car or van
6. Taxi/minicab
7. Bicycle
8. On foot
9. Does shopping online/shopping delivered
97. Other (please specify)

If other mode of travelling to do shopping (TravSh=97)
XTravSh
NAME
Please specify other answer
TEXT SHOULD BE NO MORE THAN 60 CHARACTERS

SPECIAL TICKETS/PASSES

BNoTick / QNOTICK.INC

IF age is greater than 4 (DVAge > 4)

ASK ALL
StckT
NAME
SHOW CARD 44
(Thank you. I would now like to ask you some questions about other issues related to travel.)
Do you have any of these special tickets or passes, valid for a week or longer?
INTERVIEWER: EXCLUDE ONE DAY TRAVELCARDS, CARNETS AND OYSTER CARDS (LONDON AREA) WHICH ARE SOLELY PAY-AS-YOU GO. BLUE/ORANGE DISBALED BADGES ARE NOT INCLUDED.
ASK TO SEE TICKET/PASS.
1. Yes
2. No

IF respondent does have special ticket (StckT = 1)
SeeTick
NAME
INTERVIEWER: Ask Respondent to get ticket/pass if possible.
1. Ticket/Pass seen
2. Ticket/Pass NOT seen

IF respondent does have special ticket (StckT = 1)
NoTckt
NAME
How many of these do you have?
: 1..3
NO DON'T KNOW, NO REFUSAL

BTicket / QTICKET.INC

ASKED OF EACH IN TURN, IF THEY HAVE A SPECIAL TICKET (StckT=1)

ASK ALL
TckT
NAME
TO RECORD DETAILS OF FIRST/SECOND/THIRD TICKET. PRESS <ENTER> AND CONTINUE

ASK ALL
SpecTk
NAME
TICKET NUMBER: [Number]
TYPE OF SPECIAL TICKET\PASS
INTERVIEWER: CODE TYPE OF TICKET
NAME
1. NON-CONCESSIONARY Season ticket
2. NON-CONCESSIONARY Area travel card
3. NON-CONCESSIONARY Combined season/area travel card
4. NON-CONCESSIONARY Railcard
5. NON-CONCESSIONARY Employee's special pass
6. Other NON-CONCESSIONARY ticket (SPECIFY)
7. CONCESSIONARY Passes for older people
8. CONCESSIONARY Scholar's pass
9. CONCESSIONARY Disabled person's pass
10. CONCESSIONARY Subsidised travel tokens
11. Other CONCESSIONARY ticket (SPECIFY)

Helpscreen:
Codes 01-06 are for special tickets / passes produced for commercial ('non-concessionary') reasons.

Code 07-11 are for tickets / passes subsidised by local or central government (hence 'concessionary').

SEASON TICKET (01) - a ticket valid for journeys between two places (or stops) on **one specified route only**, for any number of juorneys within a set period.

AREA TRAVEL CARD (02) - special tickets valid on any route **within a specified area**, and for any number of journeys within a specified period (e.g. Travelcard, Rover, Runabout, Capitalcard etc)

COMBINED SEASON / AREA TRAVEL CARD (03) - a season ticket which includes unlimited travel within a special area at one end of the journey

RAILCARD (04) - include Senior Citizens Rail Card, Young Persons Railcard, Family Rail Card, Network Card etc

EMPLOYEE'S SPECIAL PASS (05) - special passes provided by employers (often transport operators) for employees (and sometimes their widows and families). e.g. National Rail, LRT, British Coal, National Bus Company

OTHER NON-CONCESSIONARY (06) - all other kinds of non-concessionary tickets not covered elsewhere

Passes for older people / SCHOLAR'S / DIABLED PERSON'S PASS (07-09) - tickets or passes issued free or at a subsidised cost, which allow free or reduced rate travel. The main ones are Passes for older people, scholars passes and passes for the disabled

SUBSIDISED TRAVEL TOKENS (10) - tokens can be issued free or they can have a charge

OTHER CONCESSIONARY (11) - all other kinds of concessionary tickets not covered elsewhere

If respondent has some other non-concessionary or concessionary ticket (SpecTk = 6,11)
XSpecTk
NAME

INTERVIEWER: Please describe what kind of other concessionary or non-concessionary ticket the informant has.

TkMode
NAME
TICKET NUMBER: [Number]
What forms of transport does the ticket cover?
1. Train
2. LT underground/Tyne and Wear Metro/ Glasgow underground
3. Light Rail/Tram
4. Bus
5. Other single method
6. Combined (National Rail) train & underground
7. Combined (National Rail) train & bus (NOT IN LONDON)
8. Combined underground/bus
9. Combined (National Rail) train & underground & bus
10. Combined (National Rail) train & underground & bus & light rail/tram
11. Other combination of methods

IF ticket covers combined methods of transport (Tkmode = 6, 7, 8, 9, 10 OR 11)
MoMls
NAME
TICKET NUMBER: [Number]
When you use your combined ticket, on which method of transport do you travel the most mileage?
1. Train
2. Underground
3. Light Rail/Tram
4. Bus
5. DK/Other

IF ticket type is anything other than a subsidised ticket (SpecTk <> 10)
TkTime
NAME
TICKET NUMBER: [Number]
How long does the ticket\pass last for?
1. 1 week
2. 1 month
3. 3 months/school term
4. 6 months
5. 1 Year
6. more than 1 year
7. unlimited
97. Other (specify)

IF ticket lasts for a different time period (TkTime = 97)
XTkTime
NAME
INTERVIEWER: Please record the length of time the ticket covers.
Remember to recode wherever possible.

IF ticket type is anything other than a subsidised ticket (SpecTk <> 10)
TkCst
NAME
TICKET NUMBER: [Number]
What was the actual (net) cost to you of the ticket?
ENTER COST TO THE HOUSEHOLD IN POUNDS & PENCE. EXAMPLES
10 pounds and 6p. Enter 10.06
7 pounds and 63p. Enter 7.63
IF NIL ENTER 0

IF ticket type is anything other than a subsidised ticket (SpecTk <> 10)
NumJrn
NAME
TICKET NUMBER: [Number]
How many [light rail/tram] / [underground/metro] / [bus] / [train] / [light rail/tram] / [underground/metro]
journeys per week would you expect to use the ticket\pass for. Please count each single trip as one journey and return trips as two?
INTERVIEWER: IF AVERAGE IS LESS THAN ONCE A WEEK ENTER 0

IF the respondent makes on average less than one journey a week (NumJrn = 0)
YrNum
NAME
SHOW CARD 45
TICKET NUMBER: [Number]
Could you look at this card and tell me on about how many (main method) journeys you use the ticket\pass?
PLEASE COUNT THE NUMBER OF SINGLE JOURNEYS
1. More than 12 times per year/once a month
2. Up to 12 times per year/once a month
3. Three or four times a year
4. Once or twice a year
5. Less than once a year or never

IF ticket type is anything other than a subsidised ticket (SpecTk <> 10)
TkTPay
NAME
TICKET NUMBER: [Number]
When you use the ticket\pass do you usually have to pay anything at the time of travel, or do you travel free?
1. Pay something
2. Travel free

FOLLOW UP

BFollowUp/BFollup.INC

ASK IF RESPONDENT IS AGED 16 OR MORE (DVAGE>=16) AND FACE-TO-FACE INTERVIEW (INDQN=1)

FollowUp
Before we continue (to some questions about household vehicles), can I ask whether it would be alright to contact you again, if at sometime in the future there were a follow-up study to this one?
1. Yes
2. No

Interviewer note:
IF YOU THINK IT WOULD BE HELPFUL, SAY ONE OR MORE OF THE FOLLOWING:
You do not have to say now whether you would actually take part in the study, just whether it would be OK to contact you about it
Any follow-up study would be quite short
Any follow-up study would focus on transport issues and would be carried out on behalf of the Department for Transport
IF THE RESPONDENT SAYS "YES" TO THE ABOVE, MAKE SURE YOU RECORD A CONTACT TELEPHONE NUMBER FOR THE HOUSEHOLD ON THE ARF

If respondent agrees to follow up (FollowUp=1)
TelNoH
NAME
And what would be the best telephone number to reach you on?
Include standard code.
INTERVIEWER: IF NOT OBTAINED PRESS <CTRL R>

If respondent agrees to follow up (FollowUp=1)
TelNoM
NAME
Is there an alternative number?
IF NOT OBTAINED PRESS ENTER TO CONTINUE

INDIVIDUAL PICK UP INTERVIEW

BPickUp / QTPICKUP.INC

*ASKED OF ALL IN TURN,DURING PICKUP
INTERVIEW (QSignIn.StatusQ = 2)*

RECORD ALWAYS
WhoPU
Which person do you want to do the individual
pick up interview for? ENTER PERSON NUMBER
FROM LIST BELOW.
1. Name [1]
2. Name [2]
3. Name [3]
4. Name [4]
5. Name [5]
6. Name [6]
7. Name [7]
8. Name [8]
9. Name [9]
10. Name [10]

RECORD ALWAYS
PUQn
CODE WHETHER FACE TO FACE INTERVIEW,
PROXY INTERVIEW, OR PERSON NOT
AVAILABLE.
INTERVIEWER: IN GENERAL, FOR CHILDREN
UNDER ELEVEN, INTERVIEW AN ADULT AND
CODE AS 'PROXY'
1. Face to face
2. Proxy
3. Not available

RECORD ALWAYS
Session
Session original interview in (computed)

RECORD ALWAYS
SessLine
Line number in session original interview in
(computed)

IF Respondent aged over 4 (DVAge > 4)
StckPic
NAME
SHOW CARD AA
Since I interviewed you on [Date], have you
bought or been given any of these special tickets
or passes **for your own use**, valid for a week or
longer?
INTERVIEWER: EXCLUDE ONE DAY
TRAVELCARDS, CARNETS AND OYSTER
CARDS (LONDON AREA) WHICH ARE SOLELY
PAY-AS-YOU GO.
BLUE/ORANGE DISABLED BADGES ARE NOT
INCLUDED.
ASK TO SEE TICKET/PASS.
1. Yes
2. No

*IF Respondent has been bought or been given a
special ticket or pass (StckPic = 1)*
NewTNo
NAME
How many special tickets or passes **for your own
use** have you bought or been given since then?
:1..3

*IF Respondent has been bought or been given a
special ticket or pass (StckPic = 1)*
NewTick
NAME
And is this a replacement for the old ticket or pass,
or is it a different one?
/And are these all replacements for an old ticket or
pass, or are any of them different ones?
IF ANY DIFFERENT, CODE NUMBER OF **NEW**
TICKETS.
IF ONLY REPLACEMENT TICKETS OBTAINED
SINCE THE PLACEMENT INTERVIEW THEN
CODE '0'

*If anyone in the household has bought or been
given any new special tickets or passes since the
placement interview they are asked the questions
in block BTickPU. This block includes the same
questions as are asked in block BTicket in the
special tickets section of the individual
questionnaire. These questions are:*
TckT
SpecTk
XSpecTk
TkMode
MoMls
TkTime
XTkTime
TkCst
NumJrn
YrNum
TkTPay

*IF respondent did not have a driving licence at
placement interview (DLFull=2)*
DLFNew
NAME
Since I last interviewed you on [Date], have you
acquired a full driving licence valid in Great Britain
to drive either a car, or a motorcycle, scooter or
moped?
1. Yes
2. No

If has acquired a licence (DLFnew=1)
DLTyp95
NAME
Is it for a car only, a motorcycle only or for both, or
is it for a car with special adaptations?
THE CODES AFTER THE / APPLY TO
LICENCES ISSUED AFTER JUNE 1990
INTERVIEWER: ASK RESPONDENT TO CHECK
LICENCE
1. Car (A or B) / (B)
2. Car (A or B) / (B) - (AUTOMATIC ONLY)

3. Both car and motorcycle (A&D)/(A&B)
4. Motorcycle (D) / (A)/P
5. Car with special adaptations (A restricted, B)
6. Moped (E) / (P)

If licence is for car and motorcycle (DLTyp95=3)
CarMot95
NAME
May I just check, have you actually passed a test to drive a motorcycle of over 125CC?
1. Yes
2. No

IF Respondent has a driving licence for a car (IF DLTyp95 = 1, 2, 3, 5)
Drive95
NAME
Do you drive... READ OUT ...
CODE AUTOMATIC CAR AS AN ORDINARY CAR
CODE ALL THAT APPLY
1. ...an ordinary car (without special adaptations for people with disabilities),
2. ...a car with special adaptations for people with disabilities,
3. ...or some other kind of vehicle?
4. (no longer drive)

Helpscreen:
Adaptations for babies / young children don't count unless they are for a specific disability.

If other kind of vehicle driven (Drive95=3)
XOthVeh
NAME
INTERVIEWER: DESCRIBE THIS OTHER TYPE OF VEHICLE

IF acquired a licence, drives and household has access to a vehicle even if broken (DLFNew=1 AND Drive95=1,2,3 AND (Carpool = 1 OR UseVcl=1 OR BrokenV=1))
VehUsu
NAME
READ OUT IF MORE THAN ONE VEHICLE
(May I check) which is the car/(vehicle) you usually drive?
NTERVIEWER: ENTER VEHICLE NUMBER OR CODE 89 IF INFORMANT USUALLY DRIVES A NON-HOUSEHOLD CAR.
1. Vehicle 1
2. Vehicle 2
3. Vehicle 3
4. Vehicle 4
5. Vehicle 5
6. Vehicle 6
7. Vehicle 7
8. Vehicle 8
9. Vehicle 9
10. Vehicle 10
89. Usually drives non household vehicle

IF Respondent has acquired a full driving licence AND has not had a birthday since the placement interview or date of birth not known(DLFNew = 1AND (DOB>StartDat OR DOB=DK/Ref))
DLAge
NAME
How old were you/ was name when you/she/he FIRST obtained a full licence?
:12..99

IF Respondent has not acquired a full driving licence, did not have a provisional licence at placement and has never had a licence (DLFNew = 2 AND DLProv=2 AND EvDLic95<>1)
DLNPro
NAME
Have you acquired a provisional driving licence since I last interviewed you on [Date]?
1. Yes
2. No

If has acquired provisional licence (DNLPro=1)
ProTyp95
NAME
Is it for a car only, a car and motorcycle, a car with special adaptations or something else?
CODE FIRST THAT APPLIES
1. Car only
2. Car and motorcycle
3. Car with special adaptations
5. Motorcycle, scooter, moped only
4.. Something else

If provisional licence is for something else (ProTyp95=4)
XProTp95
INTERVIEWER: Record other answer
STRING[60]

If accepted a GPS (WillGPS=1)
GPSColl
HAVE YOU COLLECTED A GPS DEVICE FOR [NAME]?
1. Yes
2. No

If device not collected (GPSColl=2)
YNoColl
Why was no device collected?
:string

If returned a GPS (GPSColl=1)
GPSProb
Can I just check did you encounter any problems or difficulties using the GPS device?
1. Yes
2. No

If encountered problems using GPS (GPSProb=1)
YGPSProb
What were the problems/difficulties you encountered?
INTERVIEWER: PROBE FULLY AND ENTER

DETAILS.
:Open

EasGPS
And can I just check, overall, how easy or difficult did you personally find it to use the GPS device? Did you find it...READ OUT…
1. Very easy...
2. Fairly easy...
3. Fairly difficult...
4. or Very difficult?

NoJrny
Were there any days where you did not make any journeys?
CODE ALL THAT APPLY
1. Day 1
2. Day 2
3. Day 3
4. Day 4
5. Day 5
6. Day 6
7. Day 7
8. No
9. (Can't remember)

NotChrg
Were there any days where you forgot to charge the device?
CODE ALL THAT APPLY
1. Day 1
2. Day 2
3. Day 3
4. Day 4
5. Day 5
6. Day 6
7. Day 7
8. No
9. (Can't remember)

NoCarry
Were there any days where you made journeys but did not carry the device with you?
CODE ALL THAT APPLY
INTERVIEWER: IF LEFT SOMEWHERE OVERNIGHT (E.G. WORK), RECORD AS NOT CARRIED ON BOTH DAYS.
1. Day 1
2. Day 2
3. Day 3
4. Day 4
5. Day 5
6. Day 6
7. Day 7
8. No
9. (Can't remember)

AllSome
On day [Day number] was the device not carried for all journeys or for some journeys?

1. Not carried for all journeys
2. Not carried for some journeys

YNoGPS
Why was this?
:Open

ChldPrb
In this survey we asked everybody in the household aged 12 and above to use a GPS device. Were there any reasons that [Child's name] did not want to, or could not use the device?
1. Yes
2. No

YChldPrb
What was the reason for that?
:Open

ChldGPS
Do you think we should give GPS devices to children aged 12-15 as part of this survey?
1. Yes
2. No

YChldGPS
Why is that?
:Open

ExcJob (from here to end of block)
SHOWCARD BB
Does your job mainly involve transporting either goods or people around or does it involve transporting specialist equipment or tools necessary to do your job? Some examples of these types of jobs are shown on this card?
1. Yes
2. No

JobDay
For people who work in these sorts of jobs such as yours, we need to be able to separate out travel done in the course of your work. It would therefore be helpful if you could tell us at which time you started and finished work on each day of the week that you worked.
Firstly, could you tell me which days of the travel week you worked on?
1. Day 1
2. Day 2
3. Day 3

4. Day 4
5. Day 5
6. Day 6
7. Day 7
8. None

For each day worked at JobDay
ExcStrt

(And) On day [1/2 etc] at what time did you start work?

INTERVIEWER: If respondent travels to a depot or other common place before starting work, please record the times they arrived at and left this place each day. If respondent works from home please record the time the left their home and arrived back there each day.

INTERVIEWER: ENTER TIME USING 24 HOUR CLOCK.

For each day worked at JobDay
ExcFin

And what time did you finish work?

If returned GPS device (GPSColl=1) and travels to different places to work (WkPlace=3) and not in excluded occupation ExcJob=no
WkDay

You mentioned in the placement interview that you work at different places each day. It would therefore be helpful if you could tell us at which time you started and finished work on each day of the week that you worked.

Firstly, could you tell me which days of the travel week you worked on?

1. Day 1
2. Day 2
3. Day 3
4. Day 4
5. Day 5
6. Day 6
7. Day 7
8. None

For each day worked at WkDay
WkStrt

(And) On day [1/2 etc] at what time did you start work?

INTERVIEWER: If respondent travels to a depot or other common place before starting work, please record the times they arrived at and left this place each day. If respondent works from home please record the time the left their home and arrived back there each day.

INTERVIEWER: ENTER TIME USING 24 HOUR CLOCK.

For each day worked at WkDay
WkFin

And what time did you finish work?

If Age>=12
CarTrip

Thinking about the most recent journey you made by car or van: were you the driver or the passenger?

INTERVIEWER: This question refers to private vehicles, do not include taxis.

INTERVIEWER: In most cases this is likely to be a return journey to their home.

1. Driver
2. Passenger
3. Can't remember

If Age>=12
CarVan

And, was this trip made in a car or van?
1. Car
2. Van

If Age>=12
NoAdult

Including you, how many people were in the car or van on that trip?

Enter number of adults (aged 16 or over)

If Age>=12
No1215

Enter number of children aged 12 to 15

If Age>=12
NoChld

Enter number of children aged under 12

If Age>=12
TaxiTrp

How many taxi trips did you make in the travel week?

0. None
1. One
2. Two
3. Three
4. Four
5. Five or more

If made 5 or more taxi trips (TaxiTrp=5)
XTaxiTrp

How many taxi trips did you make?

If made a taxi trip (TaxiTrp>0)
TaxiFare

(Thinking about the most recent of these) how much did you pay for the taxi fare?

THIS SHOULD BE THE AMOUNT THE RESPONDENT CONTRIBUTED TO CAB FARE, NOT WHAT WAS THEIR SHARE OR TOTAL VALUE OF CAB FARE.

If made a taxi trip (TaxiTrp>0)
TaxiNo

And, including you, how many passengers were in the taxi on that trip?

If returned a GPS (GPSColl=1)
TWSma

It would also be helpful to know some of the places you visited during the travel week. Did you visit any supermarkets during the travel week?
1. Yes
2. No

If visited supermarket (TWSma=1)
QSmaAdd
What was the name and address of the (first) supermarket you visited?
INTERVIEWER: OBTAIN AS FULL AN ADDRESS AS POSSIBLE, INCLUDING POSTCODE IF RESPONDENT CAN SUPPLY THIS. IF THE RESPONDENT IS UNSURE OF EXACT ADDRESS/ POSTCODE, PLEASE RECORD THE NAME OF THE ORGANISATION AND AS MUCH OF THE ADDRESS AS THEY CAN PROVIDE.
INTERVIEWER: RESPONDENTS CAN CHECK THE ADDRESS ON A RECIPT FROM THE SHOP.

If visited supermarket (TWSma=1)
SmaOth
Did you visit any other supermarkets during the travel week?
1. Yes
2. No

If SmaOth=Yes ask for address. Collect up to 5 addresses.

If returned a GPS (GPSColl=1)
TWGym
Did you visit any gym or fitness centres during the travel week?
1. Yes
2. No

If visited gym or fitness centre (TWGym=1)
QGymAdd
What was the name and address of the (first) gym or fitness centre you visited?
INTERVIEWER: OBTAIN AS FULL AN ADDRESS AS POSSIBLE, INCLUDING POSTCODE IF RESPONDENT CAN SUPPLY THIS. IF THE RESPONDENT IS UNSURE OF EXACT ADDRESS/ POSTCODE, PLEASE RECORD THE NAME OF THE ORGANISATION AND AS MUCH OF THE ADDRESS AS THEY CAN PROVIDE.

If visited gym or fitness centre (TWGym=1)
GymOth
Did you visit any other gym or fitness centre during the travel week?
1. Yes
2. No

If GymOth=Yes ask for address. Collect up to 5 addresses.

If returned a GPS (GPSColl=1)
TWCin
Did you visit any cinemas or theatres during the travel week?
1. Yes
2. No

If visited cinemas or theatres (TWCin=1)
QCinAdd
What was the name and address of the (first) cinemas or theatres you visited?
INTERVIEWER: OBTAIN AS FULL AN ADDRESS AS POSSIBLE, INCLUDING POSTCODE IF RESPONDENT CAN SUPPLY THIS. IF THE RESPONDENT IS UNSURE OF EXACT ADDRESS/ POSTCODE, PLEASE RECORD THE NAME OF THE ORGANISATION AND AS MUCH OF THE ADDRESS AS THEY CAN PROVIDE.

If visited cinemas or theatres (TWCin=1)
CinOth
Did you visit any other cinemas or theatres during the travel week?
1. Yes
2. No

If CinOth=Yes ask for address. Collect up to 5 addresses.

If returned a GPS (GPSColl=1)
TWOthL
Did you visit any other leisure facilities during the travel week?
1. Yes
2. No

If visited other leisure facilities (TWOthL=1)
QOthLAdd
What was the name and address of the (first) other leisure facilities you visited?
INTERVIEWER: OBTAIN AS FULL AN ADDRESS AS POSSIBLE, INCLUDING POSTCODE IF RESPONDENT CAN SUPPLY THIS. IF THE RESPONDENT IS UNSURE OF EXACT ADDRESS/ POSTCODE, PLEASE RECORD THE NAME OF THE ORGANISATION AND AS MUCH OF THE ADDRESS AS THEY CAN PROVIDE.

If visited other leisure facilities (TWOthL=1)
OthLOth
Did you visit any other leisure facilities during the travel week?
1. Yes
2. No

If OthLOth=Yes ask for address. Collect up to 5 addresses.

If returned a GPS (GPSColl=1)
TWDen

Did you visit any dentist / doctor / hospital during the travel week?
1. Yes
2. No

If visited dentist / doctor / hospital (TWDen=1)
QDenAdd
What was the name and address of the (first) dentist / doctor / hospital you visited?
INTERVIEWER: OBTAIN AS FULL AN ADDRESS AS POSSIBLE, INCLUDING POSTCODE IF RESPONDENT CAN SUPPLY THIS. IF THE RESPONDENT IS UNSURE OF EXACT ADDRESS/ POSTCODE, PLEASE RECORD THE NAME OF THE ORGANISATION AND AS MUCH OF THE ADDRESS AS THEY CAN PROVIDE.

If visited dentist / doctor / hospital (TWDen=1)
DenOth
Did you visit any other dentist / doctor / hospital during the travel week?
1. Yes
2. No

If DenOth=Yes ask for address. Collect up to 5 addresses.

If returned a GPS (GPSColl=1) and employed (DVIL03a=1) and work in the same place every day or at least 2 days a week (WkPlace=1 or 2)
TWWApp
Did you visit any work appointments during the travel week?
INTERVIEWER: Include any journeys made in the course of work to somewhere other that their usual place of work
1. Yes
2. No

If visited work appointments (TWWapp=1)
QWAppAdd
What was the name and address of the (first) work appointment you visited?
INTERVIEWER: OBTAIN AS FULL AN ADDRESS AS POSSIBLE, INCLUDING POSTCODE IF RESPONDENT CAN SUPPLY THIS. IF THE RESPONDENT IS UNSURE OF EXACT ADDRESS/ POSTCODE, PLEASE RECORD THE NAME OF THE ORGANISATION AND AS MUCH OF THE ADDRESS AS THEY CAN PROVIDE.

If visited work appointments (TWWApp=1)
WAppOth
Did you visit any other work appointments during the travel week?
1. Yes
2. No

If WAppOth=Yes ask for address. Collect up to 5 addresses.

If returned a GPS (GPSColl=1)
TWCCen
Did you visit any community centres or church/religious centres during the travel week?
1. Yes
2. No

If visited community centres or church/religious centres (TWCCen=1)
QCCenAdd
What was the name and address of the (first) community centres or church/religious centres you visited?
INTERVIEWER: OBTAIN AS FULL AN ADDRESS AS POSSIBLE, INCLUDING POSTCODE IF RESPONDENT CAN SUPPLY THIS. IF THE RESPONDENT IS UNSURE OF EXACT ADDRESS/ POSTCODE, PLEASE RECORD THE NAME OF THE ORGANISATION AND AS MUCH OF THE ADDRESS AS THEY CAN PROVIDE.

If visited community centres or church/religious centres (TWCCen=1)
CCenOth
Did you visit any other community centres or church/religious centres during the travel week?
1. Yes
2. No

If CCenOth=Yes ask for address. Collect up to 5 addresses.

If returned a GPS (GPSColl=1)
TWECL
Did you visit any evening or weekend classes during the travel week?
1. Yes
2. No

If visited other evening or weekend classes (TWECL=1)
QECLAdd
What was the name and address of the (first) evening or weekend classes you visited?
INTERVIEWER: OBTAIN AS FULL AN ADDRESS AS POSSIBLE, INCLUDING POSTCODE IF RESPONDENT CAN SUPPLY THIS. IF THE RESPONDENT IS UNSURE OF EXACT ADDRESS/ POSTCODE, PLEASE RECORD THE NAME OF THE ORGANISATION AND AS MUCH OF THE ADDRESS AS THEY CAN PROVIDE.

If visited other evening or weekend classes (TWECL=1)
ECLOth
Did you visit any other evening or weekend classes during the travel week?
1. Yes
2. No

TWCCL
Did you visit any children's (under 12) clubs/classes during the travel week?
1. Yes
2. No

If visited children's (under 12) clubs/classes (TWCCL=1)
QCCLAdd
What was the name and address of the (first) children's (under 12) clubs/classes you visited?
INTERVIEWER: OBTAIN AS FULL AN ADDRESS AS POSSIBLE, INCLUDING POSTCODE IF RESPONDENT CAN SUPPLY THIS. IF THE RESPONDENT IS UNSURE OF EXACT ADDRESS/ POSTCODE, PLEASE RECORD THE NAME OF THE ORGANISATION AND AS MUCH OF THE ADDRESS AS THEY CAN PROVIDE.

If visited children's (under 12) clubs/classes (TWCCL=1)
CCLOth
Did you visit any other children's (under 12) clubs/classes during the travel week?
1. Yes
2. No

TWFrF
Did you visit any friends or family during the travel week?
1. Yes
2. No

If visited friends or family (TWFrF=1)
QFrFAdd
What was the address of the (first) friends or family you visited?
INTERVIEWER: OBTAIN AS FULL AN ADDRESS AS POSSIBLE, INCLUDING POSTCODE IF RESPONDENT CAN SUPPLY THIS. IF THE RESPONDENT IS UNSURE OF EXACT ADDRESS/ POSTCODE, PLEASE RECORD THE NAME OF THE ORGANISATION AND AS MUCH OF THE ADDRESS AS THEY CAN PROVIDE.

If visited friends or family (TWFrF=1)
FrFOth
Did you visit any other friends or family during the travel week?
1. Yes
2. No

OverNt
Were there any days during the travel week that you were away from home overnight?
CODE ALL THAT APPLY
1. Day 1
2. Day 2
3. Day 3
4. Day 4
5. Day 5
6. Day 6
7. Day 7
8. At home all nights

Vehicle Questionnaire

BVehInt / QVehInt.INC

ASKED OF MAIN DRIVER (OR OTHER HOUSEHOLD MEMBER) FOR EACH HOUSEHOLD VEHICLE WHICH WAS ACQUIRED BEFORE OR DURING THE TRAVEL WEEK. (Numveh > 0 AND WhenAcq=1 or 2)

ALWAYS RECORD
Intro
THIS IS THE START OF THE VEHICLE QUESTIONNAIRE FOR THE [VEHICLE]
INTERVIEWER: DO YOU WANT TO COMPLETE THE QUESTIONNAIRE FOR THIS VEHICLE NOW OR LATER?
INTERVIEWER: ASK THESE QUESTIONS OF THE MAIN DRIVER [Name] IF POSSIBLE.
THEN PRESS <ENTER> & <END> TO GO TO THE NEXT PICK-UP QUESTION
1. Now
2. Later
NO DK, NO REFUSAL

If vehicle questionnaire is to be conducted later (Intro=2)
LStop
INTERVIEWER: Please remember to come back to the vehicle questionnaire for the [VEHICLE].
Each time you exit then re-enter the questionnaire and move through it by hitting the END key you will stop at this question.
Go back to the previous question and change 'later' to 'now' when you are ready to complete the missing questions.
Press 1 and <Enter> to continue.
1. Continue

REGISTRATION NUMBER

If Intro=1
RegIntr
I'd now like to ask for some details about the [Vehicle number] so that we can collect information about the types of motor vehicles that people use.
First, could you give me the registration number?
ADD IF NECESSARY: If you are able to give us the registration number, we will be able to get some of the information we need from DVLA rather than asking you for the information now.
1. Willing to give (British) registration number
2. Not willing to give registration number
3. Willing to give registration number but cannot remember it correctly
4. Foreign registration number

Helpscreen:
No information on your vehicle will be given to anyone outside the statistics section at DfT and the registration number will not be used to identify you or your household.
DVLA = Driver and Vehicle Licensing Agency

IF Respondent is willing to give registration number (RegIntr = 1)
RegExpl
READ OUT: We will use this to look up some details already held by DVLA.
No information on your vehicle will be given to anyone outside the statistics section at Department for Transport and the registration number will not be used to identify you or your household.
DVLA = DRIVER AND VEHICLE LICENSING AGENCY
1. Acceptable to respondent - continue
2. Not acceptable - change RegIntr

IF RegIntr=1
Personal
VEHICLE
Is the registration number for this vehicle a personalised or cherished number?
1. Yes
2. No

IF Respondent is willing to give registration number (RegIntr = 1)
VRegNo1
ENTER REGISTRATION NUMBER FOR THE [VEHICLE]
INTERVIEWER: PLEASE USE CAPITAL LETTERS AND DO NOT USE SPACES BETWEEN PARTS OF THE CODE.
NO DK, NO REFUSAL

IF Respondent is willing to give registration number (RegIntr = 1)
RFormat
INTERVIEWER: CODE FORMAT OF REGISTRATION NUMBER.
(HOW REGISTRATION YEAR OF VEHICLE IS IDENTIFIED).
1. AB **12** CDE (new format 2001 onwards, with registration year shown by 2 numbers)."
2. **A**123CDE, **A**12BCD, **A**1BCD (old format 1983-2001 with registration year letter at the **start**).
3. ABC123**D**, ABC12**D**, ABC1**D** (old pre-1983 format with registration year letter at the **end**).
4. None of these

IF this is acceptable (RegExpl = 1)
RegNo
Can I ask you to repeat your registration number, so I can check it is recorded correctly.

INTERVIEWER: ENTER REGISTRATION NUMBER FOR THE [VEHICLE] AGAIN TO CONFIRM. PLEASE USE CAPITAL LETTERS AND DO NOT USE SPACES BETWEEN PARTS OF THE CODE. READ NUMBER BACK TO RESPONDENT TO VERIFY.
THEN PRESS <ENTER> & <END> TO GO TO THE NEXT PICK-UP QUESTION
NO DK, NO REFUSAL

IF Registration number not given (RegNo <> Response)
FuelTyp
VEHICLE
What fuel does the [VEHICLE]'s engine use?
1. Petrol (INCLUDES LEAD FREE AND TWO STROKE)
2. Diesel
3. Electric/Battery
4. Liquefied Petroleum Gas (LPG)
5. Bi-fuel (petrol/gas)
97. Other (SPECIFY)

IF Some other fuel type is used (FuelTyp = 97)
XFuelTyp
VEHICLE
PLEASE SPECIFY THE OTHER ANSWER.

COMPANY CAR

BComCar / QComCar.INC

ASKED OF MAIN DRIVER (OR OTHER HOUSEHOLD MEMBER) FOR EACH HOUSEHOLD VEHICLE WHICH WAS ACQUIRED BEFORE OR DURING THE TRAVEL WEEK, IF FUEL TYPE IS NOT ELECTRIC. (Numveh > 0 AND WhenAcq=1 or 2 AND FuelTyp <> Electric)

Asked of all vehicles
HHReg
Is the VEHICLE registered in the name of a member of this household?
INTERVIEWER: UNREGISTERED & YET-TO-BE REGISTERED VEHICLES SHOULD BE CODED TO THE APPROPRIATE OWNER.
1. Yes
2. No

IF the vehicle is not registered in a household member's name (HHReg = 2)
OthReg
SHOW CARD 49
VEHICLE

(May I just check) In whose name is the VEHICLE registered? Please choose your answer from this card.
INTERVIEWER: UNREGISTERED & YET-TO-BE REGISTERED VEHICLES SHOULD BE CODED TO THE APPROPRIATE OWNER.
1. Someone outside household
2. Employer/firm for whom household member works
3. Own business
4. Other firm or organization

IF the vehicle is registered by someone outside the household, or the person to whom the vehicle is registered is unknown (OthReg = 1, DK OR HHReg = DK)
WhoOwn
VEHICLE
Who owns the vehicle?
1. Household member
2. Someone outside household
3. Employer/firm for whom household member works
4. Own business
5. Other firm or organization

IF the vehicle is owned by someone outside the household, or the person to whom owns the vehicle is unknown (WhoOwn=2 or DK)
WhyUse
VEHICLE
Why do you have use of the vehicle?
INTERVIEWER: INCLUDE AS 'BORROWED', VEHICLES OWNED BY NON-HOUSEHOLD MEMBER BUT WHICH ARE AVAILABLE FOR USE FOR THE WHOLE OF THE TRAVEL WEEK.
1. Borrowed
2. Other (Specify)

IF Respondent has use of vehicle for a reason other than the vehicle is borrowed (WhyUse = 2)
XWhyUse
PLEASE SPECIFY OTHER ANSWER.

IF the vehicle is registered/owned by an other firm/organisation (OthReg =4 OR WhoOwn =5)
VehHire
VEHICLE
Is the vehicle on hire or lease?
IF 'NO' SPECIFY WHY NOT IN A NOTE
1. Yes
2. No

IF the vehicle is on hire or lease (VehHire = 1)
WhoHire
VEHICLE
Who has hired or leased the vehicle?
1. Household member

2. Employer/firm for whom household member works
3. Own business

If vehicle is privately owned AND hired by a household member or not known who hires it (Privvcl=1, DK, Ref AND WhoHire=1, DK)
CostHir
VEHICLE
Are any of the costs of hiring or leasing paid for by the employer of a member of your household?
1. Yes
2. No

IF vehicle is is privately owned AND registered by household member (Privvcl=1, DK, Ref AND HHReg=1 AND WhOwn = 1)
VehCost
VEHICLE
Were any of the purchase costs of the vehicle paid for by a firm or organization?
1. Yes
2. No
3. (Costs paid for by Disability Living Allowance)

IF the purchase costs of the vehicle were paid for by a firm or organisation (VehCost = 1)
ComTax95
VEHICLE
For some people, having a vehicle means that they have to pay company car tax. Do you have to pay company car tax?
1. Yes
2. No

IF privately owned vehicle AND vehicle is registered/owned/leased or hired by respondent's own business OR (the purchase costs of the vehicle are not paid for by a firm or organisation AND the respondent is self-employed and does not have to pay company car tax) (Privvcl=1, DK, Ref AND ((WhoOwn=4 or OthReg=3 or WhoHire=3) OR (VehCost=2, 3 AND ComTax95=2)))
CapAll
VEHICLE
(May I check) Can you claim capital allowances for your vehicle and/or tax refunds for costs of business mileage?
1. Yes
2. No

If privately owned four wheel car or van AND ((resp is employed AND registered by household member AND doesn't pay company car tax) OR (registered to own business AND Does not claim capital allowances for vehicle)) (Privvcl=1, DK, Ref AND Typvcl2 = 1 or 5 AND ((Ichemp = 1 AND (HHReg = 1 OR WhoOwn = 1 OR WhoHire = 1) AND

ComTax95 =2) OR ((OthReg = 3 OR WhoOwn = 4 OR WhoHire = 3) AND CapAll = 2)))
CourWk95
VEHICLE
(May I check) Do 'you' use the vehicle in the course of your work?
1. Yes
2. No

If respondent uses vehicle in the course of work (CourWk95=1)
Allow95
VEHICLE
For the mileage that 'you' do in the course of work do 'you' receive... READ OUT
...a mileage allowance only,
a mileage allowance and some other allowance,
or do you receive nothing and have to pay yourself?"
1. A mileage allowance only
2. A mileage allowance and some other allowance
3. Receive nothing and have to pay yourself?
4. Other.

If respondent receives an other type of assistance or mileage done 'in course of work (Allow95=4)
XAllow95
VEHICLE
INTERVIEWER: PLEASE DESCRIBE IN DETAIL EXACTLY WHAT KIND OF ASSISTANCE THE INFORMANT RECEIVES FOR MILEAGE DONE 'IN COURSE OF WORK'.

IF (company vehicle OR company owns/leases/has registered the vehicle OR capital allowances claimed for vehicle) AND the vehicle is a car or light van ((Privvcl=2 OR (Whoown=3 OR OthReg=4 OR WhoHire=2 OR CostHir=1) OR ComTax95=1) AND Typevcl2=1 or 5)
PrivMi95
VEHICLE
(May I check) for your private mileage, including commuting mileage, do you receive any free fuel?
1. Yes
2. No

IF Respondent receives free fuel for their private mileage (PrivMi95 = 1)
FTax95
VEHICLE
(May I check) do you pay the tax on free fuel?
1. Yes
2. No

MILEAGE

BMILEAG / QMileag.INC

ASK ALWAYS
AnMiles
VEHICLE
I would like to get a figure for the approximate annual mileage of the VEHICLE. Can you please estimate for me the total miles the vehicle has been driven in the last 12 months, (that is since DATE)?
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

If annual number of miles is not known (AnMiles=DK)
BAnMiles
SHOW CARD 50
VEHICLE
Taking your answer from this card, approximately how many MILES has this vehicle been driven in the last 12 months, (that is since [date])?
INTERVIEWER: IF DK ENCOURAGE ESTIMATE.
OBTAIN EXPECTED MILEAGE IF VEHICLE ACQUIRED LESS THAN A YEAR AGO.
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

IF Respondent has given the annual mileage of their vehicle (AnMiles > 0)
KmOrMile
VEHICLE
INTERVIEWER ASK OR CODE:
 WAS THE ANSWER TO 'AnMiles' IN MILES OR KILOMETRES?
1. Miles
2. Kilometres

If (someone in household is in work AND annual mileage has been given in miles) OR (vehicle is a 4 wheel car or light van AND annual miles not given) (Ichemp=1 AND ((KmOrMile=1) OR (Typevcl2=1,2,5 AND Anmiles <> response)))
UsualWk
VEHICLE
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 NIL ENTER 0

If someone in house is working AND annual mileage has been given in kilometres (Ichemp=1 AND kmOrMile=2)
UsualKm
VEHICLE
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

If (someone in household is in work AND annual mileage has been given in miles) OR (vehicle is a 4 wheel car or light van AND annual miles not given) (Ichemp=1 AND ((KmOrMile=1) OR (Typevcl2=1,2,5 AND Anmiles <> response)))
CoursWk
VEHICLE
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

If someone in house is working AND annual mileage has been given in kilometres (Ichemp=1 AND kmOrMile=2)
CoursKm
VEHICLE
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

If some of the mileage is driven in the course of work (Courswk>0)
GoodsWk
VEHICLE
And can you estimate how many of these [Number of miles driven in the course of work] miles are driven by anyone in the household whilst carrying goods in the course of work?
IF NIL ENTER 0

If some of the mileage is in the course of work (Courskm>0)
GoodsKM
VEHICLE
And can you estimate how many of these [Number of kilometres driven in the course of work] kilometres are driven by anyone in the household whilst carrying goods in the course of work?
IF NIL ENTER 0

If mileage in miles AND mileage has been given for all mileage, mileage to work and mileage in course of work ((KMorMiles=1) AND (AnMiles= response AND usualwk=response AND Courswk=response))
OthMile
VEHICLE
So that means that the vehicle is driven about [Number of total annual miles minus the number of miles driven to and from work and in the course of work] miles a year for all other journeys?
PRESS <ENTER> IF THE NUMBER SHOWN IS CORRECT, OR CHANGE TO THE CORRECT NUMBER.
INTERVIEWER: IF THE NUMBER IS CHANGED IT WILL BRING UP AN ERROR MESSAGE - YOU WILL NEED TO MODIFY PREVIOUS ANSWERS

If mileage in km AND mileage has been given for all mileage, mileage to work and mileage in course of work ((KMorMiles=2) AND (AnMiles= response AND usualkm=response AND Courskm=response))
Othkm
VEHICLE
So that means that the vehicle is driven about [Number of total annual kilometres minus the number of kilometres driven to and from work and in the course of work] kilometres a year for all other journeys.
PRESS ENTER IF THE NUMBER SHOWN IS CORRECT OR CHANGE TO THE CORRECT NUMBER
INTERVIEWER: IF THE ANSWER IS CHANGED IT WILL BRING UP AN ERROR MESSAGE - YOU WILL NEED TO MODIFY PREVIOUS ANSWERS.

ASK ALL
SecCyc
VEHICLE
(May I just check) Is the milometer on its second cycle, in other words has it reached its maximum figure and been through zero again?
1. Yes
2. No

ASK ALL
MiloRep
VEHICLE
Has the milometer been replaced since the vehicle was new?

THEN PRESS <ENTER> & <END> TO GO TO THE NEXT PICK-UP QUESTION
1. Yes
2. No

BVehicle / Vehicle.INC

ASKED OF MAIN DRIVER (OR OTHER HOUSEHOLD MEMBER) FOR EACH HOUSEHOLD VEHICLE WHICH WAS ACQUIRED BEFORE OR DURING THE TRAVEL WEEK. (Numveh > 0 AND WhenAcq=1 or 2)

SatNavN
Does [this vehicle] have satellite navigation/SatNav technology? This can be integral to the car or a separate portable device that can be placed in the car.

INTERVIEWER: Makes of satellite navigation technology include TomTom, Garmin and Navman. Separate devices include hand-held plug and go systems or telephone/PDA systems with GPS features.
1. Yes - an integrated system
2. Yes - a hand-held/plug and go system
3. No
4. Don't know

Admin Block

BPenult/QPenult.INC

IF Placement Interview completed (StatusQ=1)
Thank
THIS IS THE END OF THE PLACEMENT
INTERVIEW.
Press 1 and <Enter> to continue.

IF Placement Interview completed (StatusQ=1)
ConIntro
INTERVIEWER: YOU NOW NEED TO ENTER THE
FULL NAMES OF ALL THE RESPONDENTS THAT
AGREED
TO TAKE PART IN A FOLLOW UP STUDY. YOU
MAY ALREADY HAVE THIS INFORMATION.
Press 1 and <Enter> to continue.

Bconname/ QPenult.INC

If respondent agreed to be followed up (Followup=1)
Ttl
INTERVIEWER ASK OR CODE: And if we were to
contact you to take part in a follow-up study, what
name should we ask for. First what title should we
use.
IF THE TITLE IS NOT KNOWN PRESS <CTRL K>.
1.   Mr
2.   Mrs
3.   Ms
4.   Miss
5.   Other title

IF respondent had other title (Ttl=5)
TtlX
INTERVIEWER: CODE OR ASK
Enter the title

If respondent agreed to be followed up (Followup=1)
ForNam
INTERVIEWER ASK OR CODE: And the first
name?
IF THE FIRST NAME IS NOT KNOWN PRESS
<CTRL K>

If respondent agreed to be followed up (Followup=1)
SurNam
INTERVIEWER ASK OR CODE: And the surname?
IF THE SURNAME IS NOT KNOWN PRESS <CTRL
K>

IF Placement Interview completed (StatusQ = 1)
IntroGPS

INTERVIEWER: INTRODUCE THE GPS Devices.
[List who is eligible to carry a device]
Date from: [Day after interview]
Date to: [Day after interview + 7 days]

IF Placement Interview completed (StatusQ = 1)
IntrBGPS
INTERVIEWER: INTRODUCE THE GPS Devices.
Key points to cover:
• How and when to charge the device
• How to switch it on and off
• How and when to carry
• Who to contact if they have any problems with the
device
• The incentive
• How the data is processed and used

Asked in turn of each aged 12 or over
WillGPS
INTERVIEWER: IS [name] WILLING TO CARRY A
GPS DEVICE
1. Yes: GPS
2. No: not willing to take GPS

*Asked of each in turn who is willing to carry a GPS
(WillGPS=1)*
GPSNo
INTERVIEWER: Record the serial number of the
GPS device.

If not willing to carry device (WillGPS=2)
YNoWill
Why are they not willing?
:string

If placement interview complete (StatusQ=1)
PlacTime
INTERVIEWER: HOW LONG DID IT TAKE TO
PLACE AND EXPLAIN THE GPS DEVICES?
RECORD TO NEAREST MINUTE.

IF Pickup Interview completed (StatusQ=2)
PickTime
INTERVIEWER: HOW LONG DID IT TAKE TO
PICK UP AND CHECK THE GPS DEVICES?
RECORD TO NEAREST MINUTE

IF Placement Interview completed (StatusQ = 1)
AnyCom
INTERVIEWER: THE FOLLOWING OPEN
QUESTION IS OPTIONAL AND IS FOR USE AT
YOUR OWN DISCRETION. IT ASKS ABOUT
GENERAL TRAVEL ISSUES.
Would you like to ask the respondent a general
open question?
1. Yes
2. No

*IF Interviewer asks general open question
(Anycom= 1)*

AnyComX
What aspects of transport would you most like the government to improve?

BSOC2000/QTSOC.INC

All questions asked of editors if job details collected

SOC2000
Standard Occupational Classification (SOC2000)
Person: [Name]
Job Title: [Job Title]
Job Description: [Job Description]
Responsibilty: [Responsibility for staff]
Industry: [Industry]
Summary: [Summary]
EDITOR: press space bar to start coding

SOCDisp
JobTitle has been coded into:
SOC2000 :[SOC code]
EDITOR: PRESS '1' AND <ENTER> TO ACCEPT
Press 1 and <Enter> to continue.

XSOC2000
Standard Occupational Classification - SOC2000 - WITHOUT DOTS.
SEG
Socio-economic Group (old scheme)

SC
Social Class (old scheme)

SIC92
EDITOR: Review industry details and assign 2-digit SIC92 code for: [Industry]

SICConf
EDITOR: Industry is now coded into SIC92 group:[SIC group]
Is that what you intended?
1. Yes
2. No

IndexNo
Index number of SOC2000 entry selected in coding index

ES2000
Full employment status - derived from Job block questions and SOC2000
1. Self-employed : large establishment (25+ employees)
2. Self-employed : small establishment (1-24 employees)
3. Self-employed : no employees
4. Manager : large establishment (25+ employees)
5. Manager : small establishment (1-24 employees)
6. Foreman or supervisor
7. Employee (not elsewhere classified)
8. No employment status info given - for use in this program only

NSSEC
NS-SEC Socio-economic Class (full classification)-derived variable

SECFlag
Indicator for status of SEC
0 - valid combination of SEC and ES2000 1 - invalid combination 2 - no employment status info - simplified SEC used

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BADMIN/QADMIN.INC

ALWAYS RECORD
Status
Current Interview Status
UPDATE THIS BEFORE EACH TRANSMISSION TO HEAD OFFICE.
0. No work done yet
1. Calls made but no contact
2. Contact made
3. Interview started/Any interviewing done.
4. Other - no interviewing required (eg. ineligible, refusal)

ALWAYS RECORD
MENUNOTE
REMINDER/NOTE FOR THE OPENING MENU (OPTIONAL)
IF NOTHING TO SAY, JUST PRESS <Enter>.
ENTER IN HERE ANY USEFUL DETAILS YOU WISH TO APPEAR ON THE ADDRESS MENU

ALWAYS RECORD
Choice
INTERVIEWER: DO YOU NOW WANT TO...
INTERVIEWER: DON'T SELECT CODE 5 UNTIL ALL OTHER WORK ON THIS HOUSEHOLD IS COMPLETED.
1. LEAVE THIS QUESTIONNAIRE - without filling in the admin details?
5. FILL IN THE ADMIN DETAILS - and prepare this household for transmission to Head Office?
NO DON'T KNOW,NO REFUSAL

IF Interviewer has selected to enter admin details and has not conducted a pickup interview (Choice = 5) AND (Penult = RESPONSE) AND (StatusQ = 1)
NoPU
Please explain why you did not conduct the pick up interview.

CallTot
INTERVIEWER: Enter the **total number of personal visits** made.

IF Household number equals 1 (HHold = 1)
FindDU
How many dwelling units did you find at this address?
INTERVIEWER: TAKE THE ANSWER AS RECORDED AT A2 ON THE A.R.F. FOR THIS ADDRESS.
IF ADDRESS IS INELIGIBLE, OR NUMBER OF DWELLING UNITS NOT ESTABLISHED, ENTER '0'

IF Household number equals 1 (HHold = 1)
DUCode
Please enter code of selected DUs from A5 on the ARF

IF Household number equals 1 (HHold = 1)
FindHH
How many households did you find in the selected DU?
INTERVIEWER: TAKE THE ANSWER AS RECORDED AT C1 ON THE A.R.F. FOR THIS ADDRESS.
IF ADDRESS IS INELIGIBLE, OR NUMBER OF HOUSEHOLDS NOT ESTABLISHED, ENTER '0'

IF More than one household at address (FindHH > 1)
HHCode
Please enter code of selected HH from **C2 ON THE ARF**

BIOut/QADMIN.INC

RECORDED FOR ALL
PlOut
Placement interview outcome (computed)
1. Full
2. Started
3. NoInt

ALWAYS RECORD
NFGPS
Number of GPS devices collected (derived variable)

ALWAYS RECORD
NFull
Number of full productive interviews (derived variable)

ALWAYS RECORD

NProxy
Number of full proxy interviews (derived variable)

ALWAYS RECORD
Promise
Did you complete and leave behind the promissory note for the incentive vouchers? Q13a on ARF
1. Yes
2. No

IF Promissory note not left (Promise = 2)
NoProm
Please explain why you did not leave the promissory note? Q13b on ARF.

If any GPS devices collected (GPSColl=1)
Despatch
Prepare a despatch note to be returned with the GPS devcies.
:Enter to continue

ALWAYS RECORD
VStart
Saved start date

ALWAYS RECORD
Outcome
FINAL OUTCOME FOR HOUSEHOLD INTERVIEW = Computed OR UnOut

IF outcome is not productive (Outcome <> 110,120,130,210,211,220,221,230,231)
UnOut
ENTER OUTCOME CODE FROM ARF.

UnOutChk
You have entered:
[outcome code] Is this correct?
1. Yes
2. No
NO DON'T KNOW, NO REFUSAL

If unproductive due to language difficulties (Outcome code=540)
WhichL
INTERVIEWER: You said there were language difficulties with this address. Which language(s) did the respondent(s) speak?
By this we mean the language(s) that they could do the interview in, if a bilingual interviewer were available.
CODE ALL THAT APPLY
1. Arabic
2. Bengali
3. Cantonese
4. Gujarati
5. Polish
6. Punjabi (Gurmukhi)

7. Punjabi (Urdu)
8. Somali
9. Urdu
97. Other (please specify)
98. Not known
NO DON'T KNOW, NO REFUSAL

If other language spoken (WhichL=97)
XWhichL
Please specify the language(s)

If language spoken is codable (WhichL = 1, 2, 3, 4, 5, 6, 7, 8 or 9)
Willing
INTERVIEWER: Did they provide a contact telephone number?
1. Yes
2. No
NO DON'T KNOW, NO REFUSAL

If respondent is willing to provide a contact number (Willing=1)
LanguageN
Please enter the telephone number of the respondent so that the office can arrange for a bilingual interviewer to contact them, if possible.

If productive interview (Outcome code = 110, 120, 130, 241, 242, 251, 252, 261, or 262)
Translate
INTERVIEWER: Please code which best applies
1. The Placement interview was conducted in English.
2. The Placement interview was translated by another household member.
3. The Placement interview was translated by you, as an accredited bilingual NatCen interviewer.
NO DON'T KNOW, NO REFUSAL

If other ineligible (outcome code = 690 or 790)
WhyInel
RECORD REASON FOR USING Code 690 or Code 790

IF productive outcome (Outcome= 110,120,130,210,211,220,221,230,231)
CallPlac
THE OUTCOME CODE IS [Outcome code]
INTERVIEWER: Enter the *total number of calls*l up to (but NOT including) Diary placement.

IF outcome code is productive, non contact, refusal or other unproductive and first household from ARF (Outcome = 110,120,130,210,211,220,221,230,231, 310,320,330, 410,420,431,432,440,450, 510,520,530,540,550,560,641,642,651, 652,670 AND HHold = 1)
ObsDone

Have you filled in the Observation form details the ARF?
1. Yes
2. No

Bobs/QObsNR.INC

If Observation details completed on ARF (ObsDone=1)
A2
A2 ON ARF
Are there any physical barriers to entry to the house/flat/building?
CODE ALL THAT APPLY
USE <CTRL K> IF UNABLE TO OBTAIN INFORMATION
1. Locked common entrance
2. Locked gates
3. Security staff or other gatekeeper
4. Entry phone access
5. None of these

If Observation details completed on ARF (ObsDone=1)
A3
A3 ON ARF
Which of these best describes the selected flat or house?
USE <CTRL K> IF UNABLE TO OBTAIN INFORMATION
1. Detached house/bungalow
2. Semi-detached house/bungalow
3. Terraced house/end of terrace
4. Flat or maisonette - purpose built
5. Flat or maisonette - part of converted house/other
6. Room or rooms
7. Other - caravan or mobile home
8. Other, houseboat
9. Some other kind of accommodation

If respondent lives in a house or bungalow (A3=1, 2, or 3)
A4
A4 ON ARF
Did you, at any visit, observe a car in the drive?
USE <CTRL K> IF UNABLE TO OBTAIN INFORMATION
1. Yes, car in driveway
2. No car in driveway
3. No driveway

If respondent lives in a house or bungalow (A3=1, 2, or 3)
A5
A5 ON ARF

Does the house/bungalow have a garage or car port?
USE <CTRL K> IF UNABLE TO OBTAIN INFORMATION
1. Yes
2. No
3. Not sure

If type of accommodation recorded (A3=Response)
A6
A6 ON ARF
Which of these best describes the condition of residential properties in the area?"
1. Mainly good
2. Mainly fair
3. Mainly bad
4. Mainly very bad
8. Unable to obtain information
NO DON'T KNOW, NO REFUSAL

If type of accommodation recorded (A3=Response)
A7
A7 ON ARF
How is the external condition of the selected flat or house relative to   other residential properties in the area?
1. Better
2. About the same
3. Worse
4. Does not apply
8. Unable to obtain information
NO DON'T KNOW, NO REFUSAL

BADMIN/QADMIN.INC

IF productive outcome (Outcome =110,120,130,210,211,220,221,230,231)
MidWeek
Did you make a mid-week check-call during the Travel Week ?
SEE FRONT PAGE OF ARF - - **Call Status Column
1. Yes - by phone
2. Yes - in person
3. No

IF a Mid-week call has been made either by phone or in person (MidWeek = 1 OR 2)
MidTime
How long did this mid-week check-call take?
RECORD TO NEAREST MINUTE

RECORD ALWAYS
Feetype
Pay fee items

IF an outcome code has been entered (Outcome = RESPONSE)
IntDone
OUTCOME CODE: [CODE]
HAVE YOU COMPLETED ALL PICK UP INTERVIEWING, CHECKING AND NOTES?
CODE 1 (Yes) SIGNALS THAT THIS INTERVIEW IS READY FOR RETURN OF WORK TO HEAD OFFICE
1. Yes, completed all coding etc.
2. Not yet

IF edit version of the program
EdDone
HAVE YOU FINISHED EDITING THIS HOUSEHOLD ?
1. Yes
2. No
NO DON'T KNOW, NO REFUSAL

IF edit completed
INFOED
THAT COMPLETES THE EDIT. USE THE F7 FUNCTION KEY TO EDIT THE NEXT SERIAL NUMBER. USE THE Ctrl KEY AND F7 FUNCTION KEY TOGETHER TO BRING UP THE BROWSER MENU.USE Alt X TO FINISH EDITING

IF edit completed
INFO
PRESS <Enter> TO LEAVE THE QUESTIONNAIRE

BPeople / BSAdmin.INC

ALWAYS RECORD
Intro
INTERVIEWER:You should now enter details for the people. Details already recorded for people who agreed to be followed up will be copied automatically. These can only be changed by going back to the original
Questions (ForNam, SurNam) at the end of the main NTS block of questions.
Press <Enter> to continue.

If age 16 or over.
Ask or compute from household block
SARNTtl
INTERVIEWER:Code the title of the [1st. 2nd, 3rd etc] person interviewed or selected for interview but not interviewed.
if the title is not known or no contact made, press <Ctrl K>.
1. Mr
2. Mrs
3. Ms
4. Miss

5. Other title

Ask or compute from household block
SARNTxt
INTERVIEWER: Enter the title of the [1st, 2nd, 2rd etc] person interviewed or selected for interview but not interviewed.

If age 16 or over.
Ask or compute from household block
SARNFor
INTERVIEWER: Enter the first name of the [1st, 2nd, 3rd etc] person interviewed or selected for interview but not interviewed.
 If the first name is not known or no contact made, press <Ctrl K>.

If age 16 or over.
Ask or compute from household block
SARNSur
INTERVIEWER: Enter the surname of the [1st, 2ns, 3rd etc] person interviewed or selected for interview but not interviewed.
If the surname is not known or no contact made, press <Ctrl K>.

Derived variable
SARInt
Whether [name] was interviewed?
1. Yes
2. No

SACNWho
INTERVIEWER: Who is the main contact person for this serial number? Select from the list below.
If the details for the main contact have already been recorded at the end of the individual interview they will be copied over. These can only be changed by going back to original questions (ForNam, SurNam, TelNoH, TelNoM) near the end of the individual sessions. Else code 5 for "Someone else" and enter the details at the following questions.
1. Person 1
2. Person 2
3. Person 3
4. Person 4
5. Someone else
NO DON'T KNOW, NO REFUSAL

Ask or compute from household block
SACNTtl
INTERVIEWER: Code the title of the main contact person. If the title is not known or no contact made, press <Ctrl K>.
1.   Mr
2.   Mrs
3.   Ms

4.   Miss
5.   Other title

If other title (SACNTtl=5)
SACNTxt
INTERVIEWER: Enter the title of the main contact person.

Ask or compute from household block
SACNFor
INTERVIEWER: Enter the first name of the main contact person. If the first name is not known or no contact made, press <Ctrl K>.

ALWAYS RECORD
SACNSur
INTERVIEWER: Enter the surname of the main contact person. If the surname is not known or no contact made, press <Ctrl K>.

ALWAYS RECORD
SA1Tel
INTERVIEWER: Enter the main telephone number. Include standard code.
If not obtained, press <Ctrl K>.

ALWAYS RECORD
SA2Tel
INTERVIEWER: Enter the alternative telephone number. Include standard code.
If not obtained, press <Ctrl K>.

ALWAYS RECORD
SASRF
INTERVIEWER: Has a Special Report Form (SRF) been filed for this address / serial number case or are you intending to do so?
 A Special Report Form should be filed without delay if you think there is a risk to interviewer safety at this address.
This question must only be answered Yes if an SRF has been sent or will be sent promptly.
1.   Special report form
2.   Yes, report already filed
3.   Yes, not yet filed but intending to
4.   No, not intending to file report
NO DON'T KNOW, NO REFUSAL

ALWAYS RECORD
SAAdInf
INTERVIEWER: Please enter any information which may be useful at recontact or reissue.
This may be at quality control (recall), reissue or follow-up interview.
Ensure that any important points you have noted on the ARF are entered here.
(Enter the information here - not in a memo (remark).) If no info, press <Enter> to leave empty.

If Special Report Form required (SASRF=1 or 2)
ConfSRF
INTERVIEWER: Please confirm by typing 'C' that a Special Report Form has already been sent or will be sent to the office promptly.

ALWAYS RECORD
SAS1Act
INTERVIEWER: Is any special action required on receipt in the office for this address / serial number / case, e.g. to make a correction to the information collected that you are unable to make yourself for some reason?
1. Yes
2. No
NO DON'T KNOW, NO REFUSAL

IF Special Action required (SAS1Act =1)
SAS2Act
INTERVIEWER: Please enter details of the special action required. Enter the information here - not in a memo (remark).

If Special action required (SAS1Act=1)
ConfSAS
INTERVIEWER: You have answered Yes at SAS1Act, indicating that special action is required in the office for this case but you have not entered any details of such action at SAS2Act. Please type 'C' if you now wish to enter such details.

RECORD ALWAYS
SAAdCon
INTERVIEWER: Was the address on the ARF label correct and complete for the house/flat/building/dwelling unit to which this serial number relates? Answer No if you have noted any address amendment on the ARF or
if you have identified multiple dwelling units within the issued address. Enter the required changes at the next question.
1. Yes
2. No
NO DON'T KNOW, NO REFUSAL

If address on ARF not correct Saadcom=2)
SAAdCor1
INTERVIEWER: Please enter the correct address First line...

If address on ARF not correct Saadcom=2)
SAAdCor2
 (Please enter the correct address.) Second line...

If address on ARF not correct Saadcom=2)
SAAdCor3
Please enter the correct address. Third line...

(Just press <Enter> if no more to add.)

If address on ARF not correct Saadcom=2)
SAAdCor4
(Please enter the correct address.) Fourth line...
(Just press <Enter> if no more to add.)

If address on ARF not correct Saadcom=2)
SAAdCor5
(Please enter the correct address.) Fifth line...
(Just press <Enter> if no more to add.)

If address on ARF not correct Saadcom=2)
SAPCCor
 (Please enter the correct address.)|Postcode...

If address on ARF not correct Saadcom=2)
SAConfm
INTERVIEWER: Please check the details you have entered
1. Continue

IF productive outcome (Outcome =110,120,130,210,211,220,221,230,231)
SASupFlg
INTERVIEWER: Was a supervisor present for all or part of this interview?
1.   Yes - present for all or part
2.   No - not present
NO DON'T KNOW, NO REFUSAL

ALWAYS RECORD
ConfAll
INTERVIEWER: Please confirm that you have entered all relevant information from the ARF that is requested at preceding questions.
1.   Yes, done
2.   Will do so later
NO DON'T KNOW, NO REFUSAL

APPENDIX C LEAFLET

FREQUENTLY ASKED QUESTIONS

Why do we want to collect information using GPS?
The National Travel Survey currently uses paper diaries to collect details of people's travel. We are conducting this pilot to help us assess whether this information could be more accurately collected using GPS devices and how this would impact on the people taking part.

What will be done with information collected?
The GPS data will be processed by our partners at Eindhoven University of Technology alongside some of the information you gave during the interview. This processed data will then be used by NatCen and the Department for Transport (DfT) in the future development of the National Travel Survey.

Is the study confidential?
Yes. Your answers and information will be treated in strict confidence in accordance with the Data Protection Act. They will be used for statistical research purposes only. Names and addresses are never included in the results and are never passed to DfT.

Will the GPS monitor harm me in any way?
The monitor does not emit radiation, electrical current, vibration, or heat. The rechargeable battery is securely housed in the device shell. If you use a pacemaker you should keep the GPS device at least 6 inches (15.3 cm) away from the pacemaker.

What if I lose or damage the monitor?
The monitor is an expensive piece of equipment. We would appreciate your help in keeping it safe at all times, however we will not hold you responsible if any harm comes to it.

Are you doing this so you can keep track of where I go?
The GPS monitor does not transmit your position back to a central computer but simply stores the data in its memory until the device is returned. The data held on the device can not be accessed without specialist software from the manufacturers.

National Travel Survey GPS Pilot

The National Travel Survey collects information on personal travel within Great Britain. Each year we ask over 15,000 households to take part, asking household members to complete a paper travel diary.

As part of this study, we are trialing the use of GPS monitors as a replacement to paper travel diaries. This leaflet provides more information about the GPS monitor and why we are asking you to use it.

If you have any further queries or encounter any problems please contact your interviewer

HOW TO USE THE GPS DEVICE

Charging the GPS device

The battery charge will last at least 18 hours. We recommend that the device is charged each evening once you are home, or overnight, to ensure that it is fully charged for the following day. The device typically takes 2-3 hours to fully charge.

Plug the charger provided into an electric socket and attach the device as you would a mobile phone, inserting the small end of the charger into the opening on the bottom of the GPS device. When the device is plugged in, the LED light marked with a battery signal will light green (this will not be visible if the device is turned off).

Carrying the device

You may find it easier to remember to carry the device with you if you keep it close to your keys and/or mobile phone.

The GPS device has a carry case that can easily be clipped to your waistband or bag. If you would rather the device is not visible, it can be kept in a pocket or bag. If carrying the device in a bag, a side pocket somewhere near the top or side may be the best position. If the device is packed heavily into the middle of a bag it is unlikely to be able to receive a signal.

When to carry the device

Wear or carry the GPS device whenever you are travelling, regardless of the method transport used, and whenever you go for a walk, jog or bike ride. You do not need to wear the device when you are inside a building, but remember to put it back on when you go outside.

If you play tennis, football or other outdoor sports and do not wish to wear the device, take the device off and place it next to the court or field. Be sure to take it with you when you leave.

Turning the device on/off

To turn the device on, press and hold down the green button.

It should not be necessary to turn the device off, however, should you need to do so, press and hold down the red button for several seconds until all three LED lights turn red for a second or two indicating it is switching off. Please do not turn off the device unless you need to as it can take up to 1 minute to restart resulting in missing data. **If you do need to turn the device off please remember to turn the device back on as soon as possible.**

We recommend that you turn the device off if you enter a hospital or if you are on a flight.

All other buttons on the device have been disabled for this study.

How to tell if the device is on

If the device is receiving a signal the LED labelled with a satellite symbol will flash green approximately once a second. The remaining LEDS will not be lit. If the device is not receiving a signal, the LED labelled with a standby symbol light will flash green every five seconds and the LED labelled with a satellite symbol will flash red every second.

APPENDIX D   LETTER FOR TEACHERS

Operations Department
Kings House
101-135 Kings Road
Brentwood
Essex CM14 4LX
Telephone 01277 200 600
www.natcen.ac.uk

A Company Limited by Guarantee Registered in England No. 4392418
Charity No. 1091768

Dear Sir/Madam,

Name: _____

is taking part in the National Travel Survey. This is an important study which is being carried out by the National Centre for Social Research on behalf of the Department for Transport. As part of this study, we have asked him/her to carry a GPS device for 7 days for research purposes. This GPS device records its position every few seconds, storing the data for later processing. This data will form an important part in helping to build a picture of the travel patterns of people in Great Britain.

(*Name of child*)_____and his/her parent or legal guardian have both given consent to take part in this study.

The GPS device can be carried in a pocket or bag and he/she will not need to alter any of the settings or interact with the device in any way during the school day.
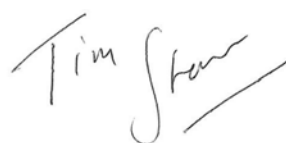
If you would like any further information about the National Travel Survey or GPS device please call NatCen on 01277 200600. We thank you in advance for your help.

Thank you for your co-operation.

Yours sincerely

Alun Humphrey
Research Director, NatCen

Tim Stamp
Survey Manager, Department for Transport

APPENDIX E POST-IT NOTE

GPS

Put it on

Switch it on!

APPENDIX F   ALLOCATION CARD

National Travel Survey
GPS device allocation card

To be used where there is more than one household member aged 12 or older.

Interviewer: Complete the table below and use different coloured stickers to indicate which device belongs to which respondent.

Person number	First name	Device serial	Colour *(sticker)*
1			
2			
3			
4			
5			
6			
7			
8			

Your Interviewer will call again on:

Day	
Date	
Time	

Day	
Date	
Time	

LEAVE THIS CARD WITH THE HOUSEHOLD FOR REFERENCE