## DAY LEVEL - 1988-1995

| VARIABLE | DESCRIPTION |
|---|---|
| PSUID | PSU area code |
| H88 | Household Serial No. |
| I1 | Person number |
| D1 | Day number |

| VARIABLE | DESCRIPTION |
|----------|-------------|
| PSUID | PSU area code |
| H88 | Household Serial No. |
| H5 | Travel week end day |
| H7 | Travel week end date (month) |
| H8 | Number of calls |
| H10 | Final allocation week |
| H12 | Address type |
| H13 | Walk time to bus stop |
| H14 | Frequency of bus service |
| H15 | Walk time to railway station |
| H16 | Bus time to railway station |
| H17 | Type of railway station |
| H18 | Walk time to doctors |
| H19 | Bus time to doctors |
| H20 | Walk time to Post Office |
| H21 | Bus time to Post Office |
| H22 | Walk time to chemist |
| H23 | Bus time to chemist |
| H24 | Walk time to grocers |
| H25 | Bus time to grocers |
| H26 | Walk time to High St. shops |
| H27 · | Bus time to High St. shops |
| H28 | Walk time to hospital |
| H29 | Bus time to hospital |
| H35 | Number of bicycles |
| H45 | Telephone |
| H46 | Vehicles acquired since last seen |
| H50 | Type of tenancy |
| H51 | Length of residence |
| H52 | Number of household 3 and 4 wheeled cars |
| H53 | Number of motorcycles |
| H54 | Number of vans/lorries |
| H55 | Number of cars/light vans |
| H56 | Car/light van availability |
| H57 | H/hold vehicle availability |
| H58 | Number of people in household |
| H59 | H/hold structure (Family) |
| H60 | Household structure |
| H61 | Household structure (NTS) |
| H62 | Disabled (16+) in h/hold |
| H63 | Persons with full car licence |
| H65 | Hoh working status |
| H66 | Hoh employment status |
| H67 | SEG of hoh |
| H68 | Hoh - age/sex |
| H69 | Hoh industry |
| H70 | Household income |
| H72 | Origin of h/hold income |

| H73 | SEG (summary patch) |
|------|------|
| H74 | Number of adults |
| H75 | Number of children |
| H83 | Employed in household |
| H85f | Real h/hold income equivalent quintiles |
| H86 | Real h/hold income equiv. level (base 1990) (unbanded |
| H92 | Calendar year |
| H97 | Quota allocation month |
| H102 | Improving of services 1 |
| H103 | Improving of services 2 |
| H104 | Improving of services 3 |
| H107 | Number of h/hold company cars |

# INDIVIDUAL LEVEL - 1995-1997

| VARIABLE | DESCRIPTION |
|---|---|
| PSUID | PSU area code |
| H88 | Household Serial No. |
| I1 | Person number |
| I2 | Relationship to hoh |
| I3 | Sex |
| I4 | Marital status |
| I5 | Age (unbanded) |
| I6 | Age (banded) |
| I78 | SEG of individual |
| I79 | Industry type |
| I80 | Employee/self-employed |
| I92 | Work place |
| I164 | Age/sex |
| I165 | Travel difficulties |
| I166 | Difficulty going out on foot |
| I167 | Walking aids |
| I168 | Difficulty using a bus |
| I169 | Bus difficulty - get to |
| I170 | Bus difficulty - waiting at stop |
| I171 | Bus difficulty - getting on/off |
| I172 | Bus difficulty - to/from seat |
| I173 | Bus difficulty - on bus disc. |
| I174 | Bus difficulty - other unspec. |
| I175 | Difficulty using a car |
| I176 | Journeys of 25 miles or more |
| I177 | Working status |
| I178 | Annual income (£) (1988/91) |
| I179 | Urban location of work |
| I180 | Usual means of travel to work |
| I181 | Reg of vehicle used to travel to work |
| I182 | Driving licence |
| I183 | Driving experience |
| I185 | 1st ticket/pass type |
| I186 | 1st ticket/pass mode priority |
| I187 | 1st ticket/pass - validity |
| I189 | 1st ticket/pass - use |
| I188 | 1st ticket/pass - use (jrnys/year) (unbanded) |
| I190 | 1st ticket/ pass costs |
| I191 | 2nd ticket/pass type |
| I192 | 2nd ticket/pass mode priority |
| I193 | 2nd ticket/pass - validity |
| I195 | 2nd ticket/pass - use |
| I194 | 2nd ticket/pass - use (jrnys/year) (unbanded |
| I196 | 2nd ticket/ pass costs |
| I197 | 3rd ticket/pass type |
| I198 | 3rd ticket/pass mode priority |
| I199 | 3rd ticket/pass - validity |
| I201 | 3rd ticket/pass - use |

| | |
|---|---|
| I200 | 3rd ticket/pass - use (jrnys/year) (unbanded |
| I202 | 3rd ticket/ pass costs |
| I203 | Access to car |
| I205 | 1st ticket/pass weekly cost |
| I206 | 2nd ticket/pass weekly cost |
| I207 | 3rd ticket/pass weekly cost |
| I106 | 1st ticket/pass mode(s) |
| I126 | 2nd ticket/pass mode(s) |
| I146 | 3rd ticket/pass mode(s) |

## JOURNEY LEVEL - 1995-1997

| VARIABLE | DESCRIPTION |
|----------|-------------|
| PSUID | PSU area code |
| H88 | Household Serial No. |
| I1 | Person number |
| D1 | Day number |
| J3 | Journey number |
| J4 | How completed |
| J14 | Series of calls |
| J23 | No. of stages (inc. short walks) |
| J51 | Travel day |
| J52 | Day of week |
| J24 | Journey purpose from |
| J26 | Journey purpose to |
| J28 | Journey purpose |
| J53 | Journey purpose (1985/86 categories) |
| J29 | Overall travelling time (minutes) (unbanded) |
| J30 | Overall travelling time (minutes) (banded) |
| J31 | Journey start time |
| J32 | Overall journey time (minutes) (unbanded) |
| J33 | Overall journey time (minutes) (banded) |
| J34 | Journey length (inc. short walk) |
| J36 | Main means of transport |
| J37 | Short walk journey |
| J40 | Overall speed |
| J41 | Mean travel speed |
| J57a | Journey origin |
| J58a | Journey destination |
| J62 | Total cost of public transport journey |

Weighted Variables

| | |
|--------|-------------|
| jd | Distance travelled per journey (including grossed up short walks) |
| jjxsc | Number of journeys to be counted (Including grossed up short walk |
| jotxsc | Overall journey time (including grossed up short walks) |
| jttxsc | Travelling time (including grossed up short walks) |

# LDJ LEVEL - 1995-1997

| VARIABLE | DESCRIPTION |
|----------|-------------|
| PSUID | PSU area code |
| H88 | Household Serial No. |
| I1 | Person number |
| L1 | Long distance journey no. |
| L2 | Long distance journey day |
| L3 | Long distance journey month |
| L4 | Long distance journey year |
| L5a | LDJ origin |
| L7 | LDJ purpose to |
| L6a | LDJ destination |
| L9 | Journey distance (unbanded) |
| L10 | Journey distance (banded) |
| L8 | Mode of transport |
| L11 | LDJ week no. |
| L12 | LDJ purpose |
| L13 | LDJ purpose from |

## PSU LEVEL - 1995-97

| VARIABLE | DESCRIPTION |
|----------|-------------|
| PSUID | PSU area code |
| P2 | Planning region/class |
| P15 | County of residence |
| P5 | Type of area |
| P6 | PSU pop. density (Pers/hectare) |
| P7 | LA pop. density (Pers/hectare) |
| P8 | OAP bus scheme |
| P9 | Eligibility for scheme |
| P10 | Type of concession |
| P11 | Membership fee |
| P12 | Times available |
| P13 | Areas available |
| P14 | Modes additional to bus |

# STAGE LEVEL - 1995-1997

| VARIABLE | DESCRIPTION |
|---|---|
| PSUID | PSU area code |
| H88 | Household Serial No. |
| I1 | Person number |
| D1 | Day number |
| J3 | Journey number |
| S1 | Stage number |
| S2 | Mode of transport |
| S41 | Main stage/other stage |
| S7 | Number in party (unbanded) |
| S8 | Number in party (banded) |
| S15 | Number of boardings |
| S17 | Who paid for ticket |
| S18 | Private vehicle occupant |
| S19 | Where parked |
| S21 | Parking cost (pence) |
| S22 | Whose vehicle? |
| S24 | Means of travel |
| S25 | Length of stage (tenths of miles) (unbanded) |
| S26 | Length of stage (banded) |
| S27 | Stage speed |
| S28 | Short walk |
| S29 | Ticket cost (1) (unbanded) |
| S30 | Ticket cost (1) (banded) |
| S31 | Ticket cost (2) (unbanded) |
| S32 | Ticket cost (2) (banded) |
| S33 | Total cost (pence) (unbanded) |
| S34 | Total cost (pence) (banded) |
| S35 | Type of ticket |
| S36 | Travel time (minutes) (unbanded) |
| S37 | Travel time (minutes) (banded) |

Weighted Variables

| | |
|---|---|
| sd | Distance travelled per stage (including grossed up short walks) |
| ssxsc | Number of stages to be counted (including grossed short walks |

# VEHICLE LEVEL - 1995-97

| VARIABLE | DESCRIPTION |
|---|---|
| PSUID | PSU area code |
| H88 | Household Serial No. |
| V1 | Vehicle reference number |
| V2 | Vehicle availability |
| V3 | Type of vehicle |
| V9 | Main driver person number |
| V15 | Taxation class |
| V45 | Estimate of annual mileage (unbanded) |
| V46 | Estimate of annual mileage (banded) |
| V61 | Why was vehicle not used |
| V84 | Person with daytime access |
| V85 | Vehicle registration |
| V86 | Engine capacity (cc) (unbanded) |
| V87 | Engine capacity (cc) (banded) |
| V88n | Type of fuel |
| V89 | Registration letter |
| V90 | Year of first registration |
| V91 | Vehicle age |
| V92 | Rank of car in household |
| V93 | Vehicle's total mileage (unbanded) |
| V94 | Vehicle's total mileage (banded) |
| V95 | Mileage in travel week (unbanded) |
| V96 | Mileage in travel week (banded) |
| V121 | Ineligible mileage |
| V122 | Reasons for ineligible mileage |
| V97 | Eligible mileage (unbanded) |
| V98 | Eligible mileage (banded) |
| V99 | Fuel purchased (litres) (unbanded) |
| V100 | Fuel purchased (litres) (banded) |
| V101 | Fuel cost (unbanded) |
| V102 | Fuel cost (banded) |
| V103 | Purchase/hire costs |
| V112 | Company car summary |
| V130 | Make and model |
| V131 | Month of registration |
| V133 | Person no. company vehicle assigned to |
| V134 | Fuel consumed (unbanded) (litres) |
| V135 | Fuel consumed (banded) (litres) |
| V136 | Fuel level (start of travel week) |
| V137 | Fuel level (end of travel week) |
| V139 | Annual vehicle commuting mileage (unbanded |
| V140 | Annual vehicle commuting mileage (banded) |
| V141 | Annual vehicle business mileage (unbanded) |
| V142 | Annual vehicle business mileage (banded) |
| V143 | Annual vehicle private mileage (unbanded) |
| V144 | Annual vehicle private mileage (banded) |
| V145 | Vehicle parking - overnight location |
| V146 | Vehicle parking - distance from house |

| V147 | Type of parking payment |
| V149 | Annual parking fee |
| V148 | Parking fee |
| V150 | Car adapted for disabled driver |

# WEIGHTED VARIABLES

| jttxsc - Travelling Time (including grossed up short walks) | | | | |
|---|---|---|---|---|
| Day 1 - 6 | Series of calls? (J14) | No -     jttxsc = travelling time | | |
| | | Yes -     jttxsc = 0 | | |
| Day 7 | Series of calls? (J14) | No - | Short walk journey? (J37) | No -     jttxsc = travelling time |
| | | | | Yes -     jttxsc = travelling time * 7 |
| | | Yes -     jttxsc = 0 | | |

## STAGE LEVEL

| sd - Distance Travelled per Stage (including grossed up short walks) | | |
|---|---|---|
| Day 1 - 6 | sd = stage distance | |
| Day 7 | Short walk? (J14) | No -     sd = stage distance |
| | | Yes -     sd = stage distance * 7 |

| ssxsc - Number of Stages to be Counted (including grossed up short walks) | | | | |
|---|---|---|---|---|
| Day 1 - 6 | Series of calls? (J14) | No -     ssxsc = 1 | | |
| | | Yes -     ssxsc = 0 | | |
| Day 7 | Series of calls? (J14) | No - | Short walk? (S28) | No -     ssxsc = 1 |
| | | | | Yes -     ssxsc = 7 |
| | | Yes -     ssxsc = 0 | | |

# WEIGHTED VARIABLES

## JOURNEY LEVEL

| jd - Distance Travelled per Journey (including grossed up short walks) | | |
|---|---|---|
| Day 1 - 6 | jd = journey distance | |
| Day 7 | Short walk? (J14) | No - jd = journey distance |
| | | Yes - jd = journey distance * 7 |

| jjxsc - Number of Journeys to be Counted (including grossed up short walks) | | | |
|---|---|---|---|
| Day 1 - 6 | Series of calls? (J14) | No - jjxsc = 1 | |
| | | Yes - jjxsc = 0 | |
| Day 7 | Series of calls? (J14) | No - Short walk journey? (J37) | No - jjxsc = 1 |
| | | | Yes - jjxsc = 7 |
| | | Yes - jjxsc = 0 | |

| jotxsc - Overall Journey Time (including grossed up short walks) | | | |
|---|---|---|---|
| Day 1 - 6 | Series of calls? (J14) | No - jotxsc = journey time | |
| | | Yes - jotxsc = 0 | |
| Day 7 | Series of calls? (J14) | No - Short walk journey? (J37) | No - jotxsc = journey time |
| | | | Yes - jotxsc = journey time * 7 |
| | | Yes - jotxsc = 0 | |

**Weighting of National Travel Survey variables**

In general, NTS variables are <u>not</u> weighted, with the exception of short walk stages and journeys. 'Short' walks are over 50 yards but less than a mile in length, and in order to reduce the burden on respondents, details of these are only collected on the 7th (last) day of the travel diary. These are then weighted by a factor of 7. Additionally, 'series of calls' journeys are excluded for most purposes.

The 1995/97 database supplied to ESRC includes six weighted variables:

| | |
|---|---|
| SD | stage distance travelled inc. grossed up short walks |
| SSXSC | no. of stages inc. grossed up short walks, excl. series of calls |
| JD | journey distance travelled inc. grossed up short walks |
| JJXSC | no. of journeys inc. grossed up short walks excl. series of calls |
| JOTXSC | overall journey time inc. grossed up short walks excl. series of calls |
| JTTXSC | travelling time inc. grossed up short walks excl. series of calls |

These should be used wherever possible for comparability with published results. Where 'main mode' is specified in published tables (eg Table 2.3 in 'Focus on Personal Travel'), use the weighted journey variables. If only 'mode' appears in the table title (eg Table 2.2), use weighted stage variables.

In the 1985/86 and 1988/95 databases, these weighted variables may be constructed as follows, using the following variables:

| | | | |
|---|---|---|---|
| S28 | 'short walk' (1='yes' 2='no') | S25 | distance in tenths of a mile |
| J14 | 'series of calls' (1='yes' 2='no') | | |
| J37 | 'short walk journey' (1='yes' 2='no') | J32 | overall journey time in minutes. |

**SD ( stage distance travelled inc. grossed up short walks)**
- if S28=1, SD=S25*7
- if S28=0, SD=S25

**SSXSC (no. of stages inc. grossed up short walks, excl. series of calls)**
- if J14=2 & S28=1, SSXSC=7
- if J14=2 & S28=2, SSXSC=1
- if J14=1, SSXSC=0

**JD (journey distance travelled inc. grossed up short walks)**
This sums SD to journey level

**JJXSC (no. of journeys inc. grossed up short walks excl. series of calls)**
- if J14=1, JJXSC=0
- if J37=1 & J14=2, JJXSC=7
- if J37=2 & J14=2, JJXSC=1

**JOTXSC (overall journey time inc. grossed up short walks excl. series of calls)**
- if J14=1, JOTXSC=0
- if J37=1 & J14=2, JOTXSC=J32*7
- if J37=2 & J14=2, JOTXSC=J32

**JTTXSC** is defined in a similar way.