

## NATIONAL TRANSPORT SURVEY META-DATA 2003

The National Transport Survey (NTS) data is in six files. The files are flat, ASCII, fixed field files, with one line of given length per record. This format was chosen so as to make the data usable with as many statistical programs as possible, and thus accessible to as wide a range of people as possible.

Other important information for users is found in the:

- ◆ Questionnaire
- ◆ Additional code lists (occupation, industry, education)

### THE DATA FILES

The files and the corresponding sections of the questionnaire are as follows:

- HOUSE:** Data from Sections 1
- PERSON:** Data from Flap and Section 2 and 3
- OVER15:** Data from Sections 4 and 5
- WORKTRIP:** Data from section 6
- ATTITUDE:** Data from section 7
- GENERAL:** Data from cover page

The information in each file contains the following:

- Nature of records in the file and population covered
- Description of variables

#### Description of variables

The description of the variables comprises the following information:

**Descriptive name:** *This is a short English description plus the variable name in the data file used.*

**Position of the variable:** The position of the data within the record, recorded in the format @xxx-xxx (y). "@xxx-xxx" indicates the position of the data (i.e. column) and "(y)" indicates the width of the data. All data is numeric. All data is right justified.

**Source:** This is the question in the questionnaire

**Valid range:** The range of valid values for the open-ended questions. For continuous variables this reflects the upper and lower limits as found in the data.

**Not applicable:** The code for not applicable is provided for each variable. These are now numeric.

**Missing value:** A code for "missing"/unspecified values is given for each variable.

**Notes:** Specific observations to be noted by users.

Most questions in the NTS questionnaire are pre-coded, i.e. there is a set number of choices from which one or more must be selected. For open-ended 'write-in' questions,

the description will note that post-coding occurred and explain how this was done. For most variables the coding is apparent from the questionnaire (available elsewhere in the documentation) and is not repeated in the variable description. Where the coding is not apparent, the description either provides the codes or indicates where code lists are to be found.

### **Linking files**

The data from different files can be linked on the basis of a record identifier. The record identifier is the first fields in each file (EAPSU, Dwellnr, HHnr). All records with a given household identifier, no matter which file they are in, belong to the same household. For individuals, a further two digits constitute the Person number (PersonNr). When these are added to the household identifier, a unique individual identifier is created. Again, these can be used to link records from the PERSON, OVER15, WORKTRIP and ATTITUDE files. The syntax needed to merge information from different files will differ according to the statistical package used.

## **METHODOLOGY**

### **Sample design**

The explicit strata were the 342 Travel Analysis Zones (TAZ). A sample of 5 000 Enumerator Areas (EAs) was allocated using power allocation method. The first step was to take out vacant, industrial, institution, and recreational EAs.

EAs were selected with probability proportional to size using total number of households as enumerated during census 2001 as a measure of size (MOS). EAs which had less than 80 dwelling units were pooled together with another EA with similar characteristics to form primary sampling units (PSU). An EA with 80 or more dwellings automatically qualified to become a PSU.

Census listings of the selected PSUs were updated where necessary and then a systematic sample of 10 dwellings units was selected in each PSU. Because there are sometimes more than one household at each dwelling unit, the sample of 50 000 dwelling units produced a sample of 52 376 households.

Section 7 of the questionnaire required the selection of one person aged 15 years and above to answer the attitude questions. This person was randomly selected using a grid.

### **Weighting**

A two-stage weighting procedure was applied

The PSU inclusion probability is given by

$$P_{PSU} = \frac{n_{PSU}}{N_{PSU}} . n_S ,$$

where  $n_{PSU}$  is the number of households constituting the selected PSU during census fieldwork,  $n_s$  is the number of PSUs per stratum, in this case the TAZ and  $N_{PSU}$  is the number of households constituting the selected stratum during census fieldwork.

The household inclusion probability per PSU is given by

$$P_{HH} = \frac{n_{HH}}{H_{HH}},$$

where  $n_{HH}$  is the number of selected dwelling units per PSU.  $H_{HH}$  is the current number of dwelling units in the PSU.

The non-response adjustment factor is given by  $\frac{1}{r_{HH}}$ , where  $r_{HH}$  is the response rate

and is given by  $r_{HH} = \frac{n_{RESP}}{n_T}$  where  $n_{RESP}$  is the number of responding households and  $n_T$

is the total number of visited households (in the sampled dwelling units) per PSU. The design weights adjusted for non-response are now given by

$$W_{HH} = \frac{1}{P_{PSU} \cdot P_{HH} \cdot r_{HH}}$$

After adjusting for non-response benchmarking was done using a SAS macro called CALMAR. During benchmarking, population totals were adjusted at municipality level and gender, five-year age group and race were taken into consideration at national level.

## DATA FILE: HOUSE

### A. Sampling/derived variables

1. **Enumeration Area Primary Sampling Unit (EAPSU)** @1-12 (12)

For sampling purposes the Census 2001 Enumeration Areas (EA's) were used to compile Primary Sampling Units (PSU's). Three hundred and forty two national Travel Analysis Zones (TAZs) were identified. These were overlaid with the Census 2001 EA's and a total of 5041 EA's were selected. Each TAZ was allocated a particular number of EA's proportional to its relative size, in terms of the Census-enumerated dwelling unit count. These EA's formed the Primary Sampling Units (PSU's).

2. **Dwelling number (Dwellnr)** @13-16 (4)

These are the numbers assigned to the Dwelling Units sampled from the PSU's.

3. **Household number (Hhnr)** @17-18 (2)

These are the numbers assigned to the various households sampled from the Dwelling Units

4. **South African Provinces (Prov)** @19 (1)

Derived variable: Derived from the first digit of the Unique Number.

Valid range: 1 – 9

- 1 = Western Cape
- 2 = Eastern Cape
- 3 = Northern Cape
- 4 = Free State
- 5 = KwaZulu-Natal
- 6 = North West
- 7 = Gauteng
- 8 = Mpumalanga
- 9 = Limpopo

5. **Travel analysis zone (TAZnr)** @20-23 (4)

The National Department of Transport identified 342 National Travel Zones (TAZs) through consultation with different transport authorities throughout the country. The whole country is divided into TAZs. These TAZs are based along the district municipality and provincial boundaries. However, there are instances where the TAZs cut across provincial boundaries.

## B. Questionnaire Section 1 variables

### 1. Main and other dwellings

#### 1.1. Questionnaire question

1.1	Indicate the type of main dwelling and other dwelling that the household occupies? <i>Verify if there are any other dwellings on this property</i>	Main dwelling	Other dwelling
	01 = Dwelling or brick structure on a separate stand or yard or on farm	<input type="checkbox"/> 01	<input type="checkbox"/> 01
	02 = Hut/Structure made of traditional materials	<input type="checkbox"/> 02	<input type="checkbox"/> 02
	03 = Flat or apartment in a block of flats	<input type="checkbox"/> 03	<input type="checkbox"/> 03
	04 = Town/Cluster/Semi-detached house (Simplex, Duplex or Triplex)	<input type="checkbox"/> 04	<input type="checkbox"/> 04
	05 = Unit in retirement village	<input type="checkbox"/> 05	<input type="checkbox"/> 05
	06 = Dwelling/Flat/room in backyard	<input type="checkbox"/> 06	<input type="checkbox"/> 06
	07 = Informal dwelling/Shack in backyard	<input type="checkbox"/> 07	<input type="checkbox"/> 07
	08 = Informal dwelling/Shack not in backyard, e.g. in an informal/squatter settlement or on farm	<input type="checkbox"/> 08	<input type="checkbox"/> 08
	09 = Room/Flatlet	<input type="checkbox"/> 09	<input type="checkbox"/> 09
	10 = Caravan/Tent	<input type="checkbox"/> 10	<input type="checkbox"/> 10
	11 = Hostel room /unit/apartment	<input type="checkbox"/> 11	<input type="checkbox"/> 11
	12 = Other, specify	<input type="checkbox"/> 12	<input type="checkbox"/> 12

#### 1.2. Note to users

This question is about the dwelling which the household occupies. The focus is on the main house the household occupies. However, where the household occupies more than one dwelling, the type of the “other” dwelling is also recorded. It is important to note that when there is only one dwelling it should be recorded under the “main dwelling”. Any other type of dwelling not mentioned in the specified categories was categorised under code 12.

#### 1.3. Universe

All households in the selected dwelling.

#### 1.4. *Main Dwelling (Q11amain)*

**@24-25 (2)**

- 1 = Dwelling or brick structure on a separate stand or yard or on farm
- 2 = Hut/Structure made of traditional materials
- 3 = Flat or apartment in a block of flats
- 4 = Town/Cluster/Semi-detached house (Simplex, Duplex or Triplex)
- 5 = Unit in retirement village
- 6 = Dwelling/Flat/room in backyard
- 7 = Informal dwelling/Shack in backyard
- 8 = Informal dwelling/Shack not in backyard, e.g. in an informal/squatter settlement or on farm
- 9 = Room/Flatlet
- 10 = Caravan/Tent
- 11 = Hostel room /unit/apartment

12 = Other, specify  
99 = Unspecified

**1.5. Other Dwelling (Q11both)**

**@26-27 (2)**

- 1 = Dwelling or brick structure on a separate stand or yard or on farm
- 2 = Hut/Structure made of traditional materials
- 3 = Flat or apartment in a block of flats
- 4 = Town/Cluster/Semi-detached house (Simplex, Duplex or Triplex)
- 5 = Unit in retirement village
- 6 = Dwelling/Flat/room in backyard
- 7 = Informal dwelling/Shack in backyard
- 8 = Informal dwelling/Shack not in backyard, e.g. in an informal/squatter settlement or on farm
- 9 = Room/Flatlet
- 10 = Caravan/Tent
- 11 = Hostel room /unit/apartment
- 12 = Other, specify
- 99 = Unspecified

**2. Problems experienced by households with regards to transport**

**2.1 Questionnaire question**

<b>1.2</b>	<b>What are the two most important transport problems experienced by this household?</b> (Probe to make the answer mode specific) e.g. Taxis very expensive instead of transport very expensive.  ..... ..... ..... .....
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**2.2 Note to users**

The aim of this question is to understand the main transport problems experienced by households. For this reasons it asks only for the two most important problems experienced by the household. This question applies to both private and public transport users. The enumerators were instructed to probe for specific mode problems.

**2.3 Universe**

All selected households.

**2.4 First problem (Q12prob1)**

**@28-30 (3)**

Valid range: 000 - 905 (See Code list A)  
Unspecified: 999

**2.5 Second problem (Q12prob2)**

**@31-33 (3)**

Valid range: 100 - 905 (See Code list A)  
 Unspecified: 999

### 3. Minutes taken to walk to the nearest transport stations

#### 3.1 Questionnaire question

How long, in minutes, do you think it will take me (the interviewer) to walk from here to the nearest.....? <i>(N.B. One answer per category is required)</i>			
		<b>Actual Minutes</b>	<b>Too far/ no service</b>
a	Train station		<input type="checkbox"/> 1
b	Taxi (minibus, sedan and bakkie)		<input type="checkbox"/> 1
c	Bus stop		<input type="checkbox"/> 1
			<b>Do not know</b>
			<input type="checkbox"/> 2
			<input type="checkbox"/> 2
			<input type="checkbox"/> 2

#### Train station

#### 3.2 Train station: Note to users

This question refers to the time it usually takes the respondents to walk to the nearest train station, starting at the dwelling and ending at the pick-up point. It is not required that respondent actually use this mode of transport in order to answer the question. The aim of the question is to determine the availability of transport and the respondents should thus only indicate the accessibility of trains to their household. Note that only one category can be selected for each mode of transport.

#### 3.3 Train station: Universe

All selected households.

#### 3.4 *Train station: Walking time in actual minutes (Q13totrain)* @34-36 (3)

Valid range: 001 - 360  
 Unspecified: 999

#### 3.5 *Train station: Other options (Q13totrain2)* @37 (1)

- 1 = Too far/no service
- 2 = Do not know
- 8 = Not applicable
- 9 = Unspecified

#### Taxi (minibus, sedan and bakkie)

#### 3.6 Taxi: Note to users

This question refers to the time it usually takes the respondents to walk to the nearest taxi, starting at the dwelling and ending at the pick-up point. It is not required that respondent actually use this mode of transport in order to answer the question. The aim of the question is to determine the availability of transport and the respondents should thus only indicate the

accessibility of taxis to their household. Note that only one category can be selected for each mode of transport.

### **3.7 Taxi: Universe**

All selected households.

### **3.8 Taxi: Walking time in actual minutes (Q13totaxi) @38-40 (3)**

Valid range: 001 - 330

Unspecified: 999

### **3.9 Taxi: Other options (Q13totaxi2) @41 (1)**

1 = Too far/no service

2 = Do not know

8 = Not applicable

9 = Unspecified

### Bus stop

### **3.10 Bus stop: Note to users**

This question refers to the time it usually takes the respondents to walk to the nearest bus stop, starting at the dwelling and ending at the pick-up point. It is not required that respondent actually use this mode of transport in order to answer the question. The aim of the question is to determine the availability of transport and the respondents should thus only indicate the accessibility of busses to their household. Note that only one category can be selected for each mode of transport.

### **3.11 Bus stop: Universe**

All selected households.

### **3.12 Bus stop: Walking time in actual minutes (Q13tobus) @42-44 (3)**

Valid range: 001 - 330

Unspecified: 999

### **3.13 Bus stop: Other options (Q13tobus2) @45 (1)**

1 = Too far/no service

2 = Do not know

8 = Not applicable

9 = Unspecified

## **4. Mode taken to get to the nearest facilities**

### **4.1 Questionnaire question**

**How do members of your household get to the nearest of each of the following facilities?  
And how long does it take to get there in minutes from this household to the facility (door to door)?**

(If more than one member of the household travels to a facility, record the type of transport used by the person who goes there most often. If more than one type of transport is used, mark the one used over the longest distance ) (Mark one only)

Facility		Walk	Train	Bus	Minibus taxi/ bakkie taxi/ sedan taxi	Metered Taxi	Car/ Bakkie	Truck/ Lorry	Tractor/ Trailer	Motorcycle / Scooter	Bicycle	Animal Transport	Don't need to go there	Can't get there	Minutes If code 12, or 13 enter 999
A	Food shop	<input type="checkbox"/> 01	<input type="checkbox"/> 02	<input type="checkbox"/> 03	<input type="checkbox"/> 04	<input type="checkbox"/> 05	<input type="checkbox"/> 06	<input type="checkbox"/> 07	<input type="checkbox"/> 08	<input type="checkbox"/> 09	<input type="checkbox"/> 10	<input type="checkbox"/> 11	<input type="checkbox"/> 12	<input type="checkbox"/> 13	
B	Other shops	<input type="checkbox"/> 01	<input type="checkbox"/> 02	<input type="checkbox"/> 03	<input type="checkbox"/> 04	<input type="checkbox"/> 05	<input type="checkbox"/> 06	<input type="checkbox"/> 07	<input type="checkbox"/> 08	<input type="checkbox"/> 09	<input type="checkbox"/> 10	<input type="checkbox"/> 11	<input type="checkbox"/> 12	<input type="checkbox"/> 13	
C	Traditional healer	<input type="checkbox"/> 01	<input type="checkbox"/> 02	<input type="checkbox"/> 03	<input type="checkbox"/> 04	<input type="checkbox"/> 05	<input type="checkbox"/> 06	<input type="checkbox"/> 07	<input type="checkbox"/> 08	<input type="checkbox"/> 09	<input type="checkbox"/> 10	<input type="checkbox"/> 11	<input type="checkbox"/> 12	<input type="checkbox"/> 13	
D	Medical Services	<input type="checkbox"/> 01	<input type="checkbox"/> 02	<input type="checkbox"/> 03	<input type="checkbox"/> 04	<input type="checkbox"/> 05	<input type="checkbox"/> 06	<input type="checkbox"/> 07	<input type="checkbox"/> 08	<input type="checkbox"/> 09	<input type="checkbox"/> 10	<input type="checkbox"/> 11	<input type="checkbox"/> 12	<input type="checkbox"/> 13	
E	Post office/ agent	<input type="checkbox"/> 01	<input type="checkbox"/> 02	<input type="checkbox"/> 03	<input type="checkbox"/> 04	<input type="checkbox"/> 05	<input type="checkbox"/> 06	<input type="checkbox"/> 07	<input type="checkbox"/> 08	<input type="checkbox"/> 09	<input type="checkbox"/> 10	<input type="checkbox"/> 11	<input type="checkbox"/> 12	<input type="checkbox"/> 13	
F	Welfare office	<input type="checkbox"/> 01	<input type="checkbox"/> 02	<input type="checkbox"/> 03	<input type="checkbox"/> 04	<input type="checkbox"/> 05	<input type="checkbox"/> 06	<input type="checkbox"/> 07	<input type="checkbox"/> 08	<input type="checkbox"/> 09	<input type="checkbox"/> 10	<input type="checkbox"/> 11	<input type="checkbox"/> 12	<input type="checkbox"/> 13	
G	Police station	<input type="checkbox"/> 01	<input type="checkbox"/> 02	<input type="checkbox"/> 03	<input type="checkbox"/> 04	<input type="checkbox"/> 05	<input type="checkbox"/> 06	<input type="checkbox"/> 07	<input type="checkbox"/> 08	<input type="checkbox"/> 09	<input type="checkbox"/> 10	<input type="checkbox"/> 11	<input type="checkbox"/> 12	<input type="checkbox"/> 13	
H	Municipal office	<input type="checkbox"/> 01	<input type="checkbox"/> 02	<input type="checkbox"/> 03	<input type="checkbox"/> 04	<input type="checkbox"/> 05	<input type="checkbox"/> 06	<input type="checkbox"/> 07	<input type="checkbox"/> 08	<input type="checkbox"/> 09	<input type="checkbox"/> 10	<input type="checkbox"/> 11	<input type="checkbox"/> 12	<input type="checkbox"/> 13	
I	Tribal authority	<input type="checkbox"/> 01	<input type="checkbox"/> 02	<input type="checkbox"/> 03	<input type="checkbox"/> 04	<input type="checkbox"/> 05	<input type="checkbox"/> 06	<input type="checkbox"/> 07	<input type="checkbox"/> 08	<input type="checkbox"/> 09	<input type="checkbox"/> 10	<input type="checkbox"/> 11	<input type="checkbox"/> 12	<input type="checkbox"/> 13	

## 4.2 Note to users

This question is applicable to all households regarding usual means of transport to various facilities. The instruction to the enumerator is to ask for the nearest facility using the usual means of transport even in cases whereby more than one means is applicable. Similar to the previous question the instruction to the enumerator is to ask the respondent about the nearest facility regardless of whether they are making use of it or not. All the given categories must be asked to indicate the type of transport the household use to access the given facilities. This question also includes usual time taken to all these facilities by households when getting to these facilities.

## 4.3 Universe

All selected households.

## 4.4 *Mode to: Food shop (Q14foodmode)*

**@46-47 (2)**

- 1 = Walk
- 2 = Train
- 3 = Bus
- 4 = Minibus/ taxi/ bakkie taxi/ sedan taxi
- 5 = Metered taxi
- 6 = Car bakkie
- 7 = Truck/lorry
- 8 = Tractor/trailer
- 9 = Motorcycle/scooter
- 10 = Bicycle
- 11 = Animal transport
- 12 = Don't need to go there
- 13 = Can't get there
- 99 = Unspecified

## 4.5 *Time to: Food shop (Q14foodmin)*

**@48-50 (3)**

Valid range: 001 - 940

Unspecified: 999

## 4.6 *Mode to: Other shops (Q14shopsmode)*

**@51-52 (2)**

- 1 = Walk
- 2 = Train
- 3 = Bus
- 4 = Minibus/ taxi/ bakkie taxi/ sedan taxi
- 5 = Metered taxi
- 6 = Car bakkie
- 7 = Truck/lorry
- 8 = Tractor/trailer
- 9 = Motorcycle/scooter
- 10 = Bicycle
- 11 = Animal transport
- 12 = Don't need to go there
- 13 = Can't get there
- 99 = Unspecified

**4.7 Time to: Other shops (Q14shopsmin) @53-55 (3)**

Valid range: 001 - 780

Unspecified: 999

**4.8 Mode to: Traditional healer (Q14tradmode) @56-57 (2)**

- 1 = Walk
- 2 = Train
- 3 = Bus
- 4 = Minibus/ taxi/ bakkie taxi/ sedan taxi
- 5 = Metered taxi
- 6 = Car bakkie
- 7 = Truck/lorry
- 8 = Tractor/trailer
- 9 = Motorcycle/scooter
- 10 = Bicycle
- 11 = Animal transport
- 12 = Don't need to go there
- 13 = Can't get there
- 99 = Unspecified

**4.9 Time to: Traditional healer (Q14tradmin) @58-60 (3)**

Valid range: 001 - 800

Unspecified: 999

**4.10 Mode to: Medical services (Q14medmode) @61-62 (2)**

- 1 = Walk
- 2 = Train
- 3 = Bus
- 4 = Minibus/ taxi/ bakkie taxi/ sedan taxi
- 5 = Metered taxi
- 6 = Car bakkie
- 7 = Truck/lorry
- 8 = Tractor/trailer
- 9 = Motorcycle/scooter
- 10 = Bicycle
- 11 = Animal transport
- 12 = Don't need to go there
- 13 = Can't get there
- 99 = Unspecified

**4.11 Time to: Medical services (Q14medmin) @63-65 (3)**

Valid range: 001 - 720

Unspecified: 999

**4.12 Mode to: Post office/agent (Q14postmode)**

**@66-67 (2)**

- 1 = Walk
- 2 = Train
- 3 = Bus
- 4 = Minibus/ taxi/ bakkie taxi/ sedan taxi
- 5 = Metered taxi
- 6 = Car bakkie
- 7 = Truck/lorry
- 8 = Tractor/trailer
- 9 = Motorcycle/scooter
- 10 = Bicycle
- 11 = Animal transport
- 12 = Don't need to go there
- 13 = Can't get there
- 99 = Unspecified

**4.13 Time to: Post office agent (Q14postmin)**

**@68-70 (3)**

Valid range: 001 - 935  
Unspecified: 999

**4.14 Mode to: Welfare office (Q14welfmode)**

**@71-72 (2)**

- 1 = Walk
- 2 = Train
- 3 = Bus
- 4 = Minibus/ taxi/ bakkie taxi/ sedan taxi
- 5 = Metered taxi
- 6 = Car bakkie
- 7 = Truck/lorry
- 8 = Tractor/trailer
- 9 = Motorcycle/scooter
- 10 = Bicycle
- 11 = Animal transport
- 12 = Don't need to go there
- 13 = Can't get there
- 99 = Unspecified

**4.15 Time to: Welfare office (Q14welfmin)**

**@73-75 (3)**

Valid range: 001 - 720  
Unspecified: 999

**4.16 Mode to: Police stations (Q14polmode)**

**@76-77 (2)**

- 1 = Walk
- 2 = Train
- 3 = Bus
- 4 = Minibus/ taxi/ bakkie taxi/ sedan taxi
- 5 = Metered taxi
- 6 = Car bakkie
- 7 = Truck/lorry
- 8 = Tractor/trailer
- 9 = Motorcycle/scooter
- 10 = Bicycle
- 11 = Animal transport
- 12 = Don't need to go there
- 13 = Can't get there
- 99 = Unspecified

**4.17 Time to: Police stations (Q14polmin)**

**@78-80 (3)**

Valid range: 001 - 960  
Unspecified: 999

**4.18 Mode to: Municipal office (Q14munimode)**

**@81-82 (2)**

- 1 = Walk
- 2 = Train
- 3 = Bus
- 4 = Minibus/ taxi/ bakkie taxi/ sedan taxi
- 5 = Metered taxi
- 6 = Car bakkie
- 7 = Truck/lorry
- 8 = Tractor/trailer
- 9 = Motorcycle/scooter
- 10 = Bicycle
- 11 = Animal transport
- 12 = Don't need to go there
- 13 = Can't get there
- 99 = Unspecified

**4.19 Time to: Municipal office (Q14munimin)**

**@83-85 (3)**

Valid range: 001 - 720  
Unspecified: 999

**4.20 Mode to: Tribal authority (Q14tribmode)**

**@86-87 (2)**

- 1 = Walk
- 2 = Train
- 3 = Bus
- 4 = Minibus/ taxi/ bakkie taxi/ sedan taxi
- 5 = Metered taxi
- 6 = Car bakkie
- 7 = Truck/lorry
- 8 = Tractor/trailer
- 9 = Motorcycle/scooter
- 10 = Bicycle
- 11 = Animal transport
- 12 = Don't need to go there
- 13 = Can't get there
- 99 = Unspecified

**4.21 Time to: Tribal authority (Q14tribmin)**

**@88-90 (3)**

Valid range: 001- 640  
 Unspecified: 999

**5. Household expenditure on public transport**

**5.1 Questionnaire question**

What is the total monthly household expenditure on train, bus and taxi for all members of the household (Show card)	Train	Bus	Taxi
<b>01 = NOTHING</b>	<input type="checkbox"/> 01	<input type="checkbox"/> 01	<input type="checkbox"/> 01
<b>02 = R 1 – R 50</b>	<input type="checkbox"/> 02	<input type="checkbox"/> 02	<input type="checkbox"/> 02
03 = R 51 – R 100	<input type="checkbox"/> 03	<input type="checkbox"/> 03	<input type="checkbox"/> 03
<b>04 = R 101 – R 150</b>	<input type="checkbox"/> 04	<input type="checkbox"/> 04	<input type="checkbox"/> 04
05 = R 151 – R 200	<input type="checkbox"/> 05	<input type="checkbox"/> 05	<input type="checkbox"/> 05
<b>06 = R 201 – R 250</b>	<input type="checkbox"/> 06	<input type="checkbox"/> 06	<input type="checkbox"/> 06
<b>07 = R 251 – R 300</b>	<input type="checkbox"/> 07	<input type="checkbox"/> 07	<input type="checkbox"/> 07
08 = R 301 – R 400	<input type="checkbox"/> 08	<input type="checkbox"/> 08	<input type="checkbox"/> 08
<b>09 = R 401 – R 500</b>	<input type="checkbox"/> 09	<input type="checkbox"/> 09	<input type="checkbox"/> 09
<b>10 = R 501 – R 750</b>	<input type="checkbox"/> 10	<input type="checkbox"/> 10	<input type="checkbox"/> 10
<b>11 = R 751 – R1000</b>	<input type="checkbox"/> 11	<input type="checkbox"/> 11	<input type="checkbox"/> 11
<b>12 = R1001 OR MORE</b>	<input type="checkbox"/> 12	<input type="checkbox"/> 12	<input type="checkbox"/> 12

**5.2 Note to users**

This question is on household monthly expenditure, on train, bus and taxi. The costs cover all household members regardless of age or any other factor. It is important to note that all the variables in this question are independent. That means there should be a mark for all the given categories. Households with private means of transport are also to be asked this question.

**5.3 Universe**

All selected household members.

**5.4 Expenditure on Trains (Q15trainexp)**

**@91-92 (2)**

01 = NOTHING  
02 = R1 - R 50  
03 = R51 - R 100  
04 = R101 - R 150  
05 = R151 - R 200  
06 = R201 - R 250  
07 = R251 - R 300  
08 = R301 - R 400  
09 = R401 - R 500  
10 = R501 - R 750  
11 = R751 - R1000  
12 = R1001 OR MORE  
99 = UNSPECIFIED

**5.5 Expenditure on Buses (Q15busexp)**

**@93-94 (2)**

01 = NOTHING  
02 = R1 - R 50  
03 = R51 - R 100  
04 = R101 - R 150  
05 = R151 - R 200  
06 = R201 - R 250  
07 = R251 - R 300  
08 = R301 - R 400  
09 = R401 - R 500  
10 = R501 - R 750  
11 = R751 - R1000  
12 = R1001 OR MORE  
99 = UNSPECIFIED

**5.6 Expenditure on Taxis (Q15taxiexp)**

**@95-96 (2)**

01 = NOTHING  
02 = R1 - R 50  
03 = R51 - R 100  
04 = R101 - R 150  
05 = R151 - R 200  
06 = R201 - R 250  
07 = R251 - R 300  
08 = R301 - R 400  
09 = R401 - R 500  
10 = R501 - R 750  
11 = R751 - R1000  
12 = R1001 OR MORE  
99 = UNSPECIFIED

## 6. Monthly household income

### 6.1 Questionnaire question

What is the total monthly income (before deductions) of all the persons in this household, from all sources

(Show card)

01= NOTHING	<input type="checkbox"/> 01
02= R 1 – R 200	<input type="checkbox"/> 02
03 = R 201 – R 500	<input type="checkbox"/> 03
04 = R 501 – R1 000	<input type="checkbox"/> 04
05 = R1 001 – R1 500	<input type="checkbox"/> 05
06 = R1 501 – R2 000	<input type="checkbox"/> 06
07 = R2 001 – R3 000	<input type="checkbox"/> 07
08 = R3 001 – R 4 500	<input type="checkbox"/> 08
09 = R4 501 – R6 000	<input type="checkbox"/> 09
10 = R6 001 – R8 000	<input type="checkbox"/> 10
11 = R8 001 – R10 000	<input type="checkbox"/> 11
12 = R10 001 – R16 000	<input type="checkbox"/> 12
13 = R16 001 – R30 000	<input type="checkbox"/> 13
14 = R30 000 or more	<input type="checkbox"/> 14
15 = DON'T KNOW	<input type="checkbox"/> 15
16 = REFUSE	<input type="checkbox"/> 16

### 6.2 Note to users

This question is applicable to all household members and interested in the main source of income in the selected dwelling units. The instruction to the enumerator is to ask for the main source of income even in cases where more than one household member is applicable. It is important to note that some households' income is daily, weekly and others fortnightly. Therefore, the instruction to the enumerator is to take care of such situations and address them properly by multiplying the given figures to tally the monthly income for the selected dwelling.

### 6.3 Universe

All selected households

### 6.4 Monthly income for households (Q16hhinc)

@97-98 (2)

01 = NOTHING
02 = R1 – R200
03 = R201 – R500
04 = R501 – R1 000
05 = R1 001 – R1 500
06 = R1 501 – R2 000
07 = R2 001 – R3 000
08 = R3 001 – R 4 500
09 = R4 501 – R6 000
10 = R6 001 – R8 000
11 = R8 001 – R10 000
12 = R10 001 – R16 000
13 = R16 001 – R30 000
14 = R30 000 or more
15 = DON'T KNOW
16 = REFUSE
99 = UNSPECIFIED

## 7. Bicycle ownership

### 7.1 Questionnaire question

How many bicycles does this household own?	
--	--

### 7.2 Note to users

This question is on the number of bicycles the household own. It is important to note that these bicycles should be in a running order; otherwise they are not captured in this question. The instruction is for the enumerator to ask the respondent about their condition otherwise there can be an over count on household items that are not in running order.

### 7.3 Universe

All selected households.

### 7.4 Number of bicycles (Q17bikes)

@99-100 (2)

Valid range: 00 - 16

Unspecified: 99

## 8. Number of motorised vehicles for the household in running order

### 8.1 Questionnaire question

	<b>How many of the following motorised vehicles in running order does this household have available for private use?</b> <b>Do not include tractors</b>
a	Motorcycle/Scooter
b	Cars/Bakkies/Station wagons/4x4s owned by employer/company
c	Cars/Bakkies/Station wagons/ 4x4s owned by the household/ relatives / friends
d	Minibus/Kombis
e	Trucks
f	Other, Specify.....

### 8.2 Note to users

This question is on motorised vehicles owned by households. Similar to the previous question these items have to be in running order, otherwise they are not supposed to be included in this question. It should also be emphasised to the respondent that these motorised vehicles should only be available for private use. It is also important to note that tractors are excluded in this section. For any other motorised vehicles that are not given in this question there is provision for it in the last category. The instruction to the enumerator is to determine whether these motorised vehicles benefit the current household, such as having access to them when need be, otherwise they are not considered.

### 8.3 Universe

All selected households.

#### 8.4 *Motorcycle/Scooter (Q18mcycles)* @101-102(2)

Valid range: 00 – 11

Unspecified: 99

#### 8.5 *Cars/Bakkies etc owned by employer/company (Q18cocar)* @103-104(2)

Valid range: 00 – 50

Unspecified: 99

#### 8.6 *Cars/Bakkies etc owned by the household/relatives/friends (Q18hhcar)* @105-106(2)

Valid range: 00 – 50

Unspecified: 99

#### 8.6 *Minibus/Kombis (Q18combi)* @107-108(2)

Valid range: 00 – 8

Unspecified: 99

#### 8.7 *Trucks (Q18truck)* @109-110(2)

Valid range: 00 – 70

Unspecified: 99

#### 8.8 *Other, Specify (Q18other)* @111-112 (2)

Valid range: 00 – 10

Unspecified: 99

## 9. Travel day

### 9.1 Questionnaire question

<i>Travel day</i>	<b>Mon</b>	<b>Tue</b>	<b>Wed</b>	<b>Thur</b>	<b>Fri</b>
	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5

### 9.2 Note to users

Travel day refers to the day before the interview. That means if an interviewer visits the selected household on Tuesday the travel day should be Monday. It is important to note that on travel day a person should have travelled from her residence and back to it. That means if she/he has not completed that required pattern, does not qualify. However, for this reference period, weekends were excluded as requested by the user (Department of Transport, due to the reason that travelling patterns during the week and weekends differ to a large extent).

### **9.3 Universe**

All household members in the selected dwelling unit.

### **9.4 *Travel day (travelday)***

**@113 (1)**

- 1 = Monday
- 2 = Tuesday
- 3 = Wednesday
- 4 = Thursday
- 5 = Friday
- 9 = Unspecified

### **10. *Weight (weight)***

**@114-121 (8.4)**

## **C. Derived/ calculated variables**

### **1. Municipalities (Munic)**

**@122-129 (8)**

The municipality in which the household is situated

- 1 City of Cape Town
- 2 WC011: Matzikama
- 3 WC012: Cederberg
- 4 WC013: Bergrivier
- 5 WC014: Saldanha Bay
- 6 WC015: Swartland
- 7 WC022: Witzenberg
- 8 WC023: Drakenstein
- 9 WC024: Stellenbosch
- 10 WC025: Breede River
- 11 WC026: Breede River/ Winelands
- 12 WC031: Theewaterskloof
- 13 WC032: Overstrand
- 14 WC033: Cape Agulhas
- 15 WC034: Swellendam
- 16 WC041: Kannaland
- 17 WC042: Langeberg
- 18 WC043: Mossel Bay
- 19 WC044: George
- 20 WC045: Oudtshoorn
- 21 WC047: Plettenberg Bay
- 22 WC048: Knysna
- 23 WC051: Laingsburg
- 24 WC052: Prins Albert
- 25 WC053: Beaufort West
- 26 WCDMA01:
- 27 WCDMA02:
- 28 WCDMA04:
- 29 WCDMA05:
- 30 Nelson Mandela
- 31 EC05b1: Gamagara
- 32 EC05b2: Mount Ayliff
- 33 EC101: Camdeboo
- 34 EC102: Blue Crane Route
- 35 EC103: Ikwezi
- 36 EC104: Makana
- 37 EC105: Ndlambe
- 38 EC106: Sunday's River Valley
- 39 EC107: Baviaans
- 40 EC108: Kouga
- 41 EC109: Kou-kamma
- 42 EC121: Mbhashe
- 43 EC122: Mnquma
- 44 EC123: Great Kei
- 45 EC124: Amahlati
- 46 EC125: Buffalo City
- 47 EC126: Ngqushwa
- 48 EC127: Nkonkobe
- 49 EC128: Nxuba

- 50 EC131: Inxuba Yethemba
- 51 EC132: Tsolwana
- 52 EC133: Molteno
- 53 EC134: Lukanji
- 54 EC135: Intsika Yethu
- 55 EC136: Emalahleni
- 56 EC137: Engcobo
- 57 EC138: Sakhisizwe
- 58 EC141: Elundini
- 59 EC142: Senqu
- 60 EC143: Maletswai
- 61 EC144: Gariep
- 62 EC151: Mbizana
- 63 EC152: Ntabankulu
- 64 EC153: Ingquza
- 65 EC154: Port St. Johns
- 66 EC155: Nyandeni
- 67 EC156: Mhlontlo
- 68 EC157: King Sabata Dalindyebo
- 69 ECDMA10:
- 70 NC01B1: Gamagara
- 71 NC061: Richtersveld
- 72 NC062: Nama Khoi
- 73 NC064: Kamiesberg
- 74 NC065: Hantam
- 75 NC066: Karoo Hoogland
- 76 NC067: KHal-MA
- 77 NC071: Ubuntu
- 78 NC072: Umsobomvu
- 79 NC073: Emthanjeni
- 80 NC074: Kareeberg
- 81 NC075: Renosterberg
- 82 NC076: Thembelihle
- 83 NC077: Siyathemba
- 84 NC078: Siyancuma
- 85 NC081: Mier
- 86 NC082: Kai !Garib
- 87 NC083: Gariep
- 88 NC084: !Kheis
- 89 NC085: Tsantsabane
- 90 NC086: Kgatelopele
- 91 NC091: Sol Plaatjie
- 92 NC092: Dikgatlong
- 93 NC093: Magareng
- 94 NCDMA06:
- 95 NCDMA08:
- 96 NCDMA09
- 97 CBLC1:
- 98 CBLC7:
- 99 FS161: Letsemeng LM
- 100 FS162: Kopanong LM
- 101 FS163: Mohokare
- 102 FS171: Naledi LM
- 103 FS172: Mangaung LM
- 104 FS173: Ladybrand

105 FS181: Masilonyana LM  
106 FS182: Tokologo LM  
107 FS183: Tswelopele LM  
108 FS184: Matjhabeng LM  
109 FS185: Nala LM  
110 FS191: Setsoto LM  
111 FS192: Dihlabeng LM  
112 FS193: Nketoana LM  
113 FS194: Maluti a Phofung LM  
114 FS195: Phumelela LM  
115 FS201: Moqhaka LM  
116 FS203: Ngwathe LM  
117 FS204: Metsimaholo LM  
118 FS205: Mafube LM  
119 Ethekwini (Durban)  
120 KZ211: Vulamehlo  
121 KZ212: Umdoni  
122 KZ213: Uzumbe  
123 KZ214: uMuziwabanthu  
124 KZ215: Ezingoleni  
125 KZ216: Hibiscus Coast  
126 KZ221: uMshwati  
127 KZ222: uMengeni  
128 KZ223: Mooi Mpofana  
129 KZ224: Impendle  
130 KZ225: The Msunduzi  
131 KZ226: Mkhambathini  
132 KZ227: Richmond  
133 KZ232: Emnambithi/ Ladysmith  
134 KZ233: Indaka  
135 KZ234: Umtshezi  
136 KZ235: Okhahlamba  
137 KZ236: Imbabazane  
138 KZ241: Endumeni  
139 KZ242: Nqutu  
140 KZ244: Msinga  
141 KZ245: Umvoti  
142 KZ252: Newcastle  
143 KZ253: Utrecht  
144 KZ254: Dannhauser  
145 KZ261: eDumbe  
146 KZ262: uPhongolo  
147 KZ263: Abaqulusi  
148 KZ265: Nongoma  
149 KZ266: Ulundi  
150 KZ271: Umhlabuyalingana  
151 KZ272: Jozini  
152 KZ273: The Big 5 False Bay  
153 KZ274: Hlabisa  
154 KZ275: Mtubatuba  
155 KZ281: Mbonambi  
156 KZ282: uMhlathuze  
157 KZ283: Ntambanana  
158 KZ284: uMlalazi  
159 KZ285: Mthonjaneni

160 KZ286: Nkandla  
161 KZ291: eNdondakusuka  
162 KZ292: KwaDukuza  
163 KZ293: Ndwedwe  
164 KZ294: Maphumulo  
165 KZ5a1: Ingwe  
166 KZ5a2: Kwa Sani  
167 KZ5a3: Matatiele  
168 KZ5a4: Greater Kokstad  
169 KZ5a5: Ixopo  
170 KZDMA27  
171 NW1a1: Moshaweng  
172 NW371: Moretele  
173 NW372: Madibeng  
174 NW373: Rustenburg  
175 NW374: Kgetlengrivier  
176 NW375: Moses Kotane  
177 NW381: Setla-Kgobi  
178 NW382: Tswaing  
179 NW383: Mafikeng  
180 NW384: Lichtenburg  
181 NW385: Zeerust  
182 NW391: Kagisano  
183 NW392: Naledi  
184 NW393: Schweizer-Reneke  
185 NW394: Greater Taung  
186 NW395: Molopo  
187 NW396: Lekwa-Teemane  
188 NW401: Ventersdorp  
189 NW402: Potchefstroom  
190 NW403: Klerksdorp  
191 NW404: Maquassi Hills  
192 CBLC8  
193 GTDMA41: West Rand  
194 Ekurhuleni  
195 City of Johannesburg  
196 City of Tshwane  
197 CBLC2: Kungwini  
198 GT02b1: Nokeng tsa Taemane  
199 GT411: Mogale  
200 GT412: Randfontein  
201 GT414: Westonaria  
202 GT421: Emfuleni  
203 GT422: Midvaal  
204 GT423: Lesedi  
205 MP301: Albert Luthuli  
206 MP302: Msukaligwa  
207 MP303: Mkhondo  
208 MP304: Seme  
209 MP305: Lekwa  
210 MP306: Dipaleseng  
211 MP307: Highveld East  
212 MP311: Delmas  
213 MP312: Emalahleni  
214 MP313: Middelburg

215 MP314: Highlands  
 216 MP315: Thembisile  
 217 MP316: Dr JS Moroka  
 218 MP321: Thana Chweu  
 219 MP322: Mbombela  
 220 MP323: Umjindi  
 221 MP324: Nkomazi  
 222 CBLC3  
 223 CBLC4  
 224 CBLC5  
 225 CBLC6  
 226 NP03A2: Makhuduthamaga  
 227 NP03A3: Fetakgomo  
 228 NP04A1: Drakensberg  
 229 NP331: Greater Giyani  
 230 NP332: Greater Letaba  
 231 NP333: Greater Tzaneen  
 232 NP334: Ba-Palaborwa  
 233 NP341: Messina  
 234 NP342: Mutale  
 235 NP343: Thohoyandou-Malamulele  
 236 NP344: Makhado  
 237 NP351: Blouberg  
 238 NP352: Aganang  
 239 NP353: Molemole  
 240 NP354: Polokwane  
 241 NP355: Lepelle-Nkumpi  
 242 NP361: Thabazimbi  
 243 NP362: Lephalale  
 244 NP364: Mookgopong  
 245 NP365: Modimolle  
 246 NP366: Bela Bela  
 247 NP367: Mogalakwena

**2. Monthly household expenditure on transport (pubcost) @130-137 (8)**

Total monthly expenditure on train, bus and taxi, using midpoint values

Valid range: 00 – 2625

Unspecified: 9999

**3. % of household income spent on public transport (perpub) @138-145 (8)**

Total expenditure on public transport as a percentage of household income (using the midpoint values).

Valid range: 00 – 93

Unspecified: 99

**4. Classification (Newclass) @146-153 (8)**

The settlement area in which the household is situated

1 = Metropolitan

2 = Urban

3 = Rural

**5. Metropolitan/ District municipality (District)**

**@154-161 (8)**

The municipal district in which the household is situated

- 11 = West Coast
- 12 = Boland
- 13 = Overberg
- 14 = South Coast
- 15 = Central Karoo
- 16 = Cape Town Metro
- 21 = Cacadu
- 22 = Nelson Mandela Metro
- 23 = Chris Hani
- 24 = Ukhahlamba
- 25 = Alfred Nzo
- 26 = OR Tambo
- 27 = Amatole
- 31 = Kgalagadi
- 32 = Frances Baard
- 33 = Namaqua
- 34 = Karoo
- 35 = Siyanda
- 41 = Xhariep
- 42 = Motheo
- 43 = Lejweleputswa
- 44 = Thabo Mofutsanyane
- 45 = Northern Free State
- 50 = Sisonke
- 51 = Uthukela
- 52 = Ugu
- 53 = Umgugundlovu
- 54 = Ethekwini Metro
- 55 = Zululand
- 56 = Umkhanyakude
- 57 = Uthungulu
- 58 = Umzinyathi
- 59 = Amajuba
- 60 = Ilembe
- 61 = Bojanala
- 62 = Central
- 63 = Bophirima
- 64 = Southern
- 71 = Sedibeng
- 72 = Johannesburg Metro
- 73 = Ekurhuleni Metro
- 74 = West Rand
- 75 = Tshwane Metro
- 76 = Metsweding
- 81 = Gert Sibande
- 82 = Nkangala
- 83 = Ehlandzeni
- 91 = Sekhukhune CB
- 92 = Bohlabela

93 = Mopani  
94 = Vhembe  
95 = Capricorn  
96 = Waterberg

## DATA FILE: PERSONS

### A. Sampling/derived variables

#### 1. Enumeration Area Primary Sampling Unit (EAPSU) @1-12 (12)

For sampling purposes the Census 2001 Enumeration Areas (EA's) were used to compile Primary Sampling Units (PSU's). Three hundred and forty two national Travel Analysis Zones (TAZs) were identified. These were overlaid with the Census 2001 EA's and a total of 5041 EA's were selected. Each TAZ was allocated a particular number of EA's proportional to its relative size, in terms of the Census-enumerated dwelling unit count. These EA's formed the Primary Sampling Units (PSU's).

#### 2. Dwelling number (DwellNr) @13-16 (4)

These are the numbers assigned to the Dwelling Units sampled from the PSU's.

#### 3. Household number (Hhnr) @17-18 (2)

These are the numbers assigned to the various households sampled from the Dwelling Units

#### 4. Person number (PersonNr) @19-20 (2)

Person (respondent) number within Household  
Valid range: 1 – 28 (2 digits)

#### 5. Province (Prov) @21 (1)

Valid range: 1 – 9

- 1 = Western Cape
- 2 = Eastern Cape
- 3 = Northern Cape
- 4 = Free State
- 5 = KwaZulu-Natal
- 6 = North West
- 7 = Gauteng
- 8 = Mpumalanga
- 9 = Limpopo

#### 6. TAZ (TAZNr) @22-25 (4)

The National Department of Transport identified 342 National Travel Zones (TAZs) through consultation with different transport authorities throughout the country. The whole country is divided into TAZs. These TAZs are based along the district municipality and provincial boundaries. However, there are instances where the TAZs cut across provincial boundaries.

## B. Questionnaire flap variables

### 1. Nights spent in the household home

#### 1.1 Questionnaire question

Has ..... stayed here (in this household) for at least four nights on average per week during the last four weeks?  
1 = YES  
2 = NO → *END OF QUESTIONS FOR THIS PERSON*

#### 1.2 Note to users

This question is asked for each person found in the selected dwelling. Only those individuals who have stayed in the dwelling for at least four nights on average per week during the last four weeks will be selected for interviewing.

#### 1.3 Universe

Every person who normally resides in this household at least four nights a week.

#### 1.4 *Stayed Nights (B\_4Night)* @26 (1)

1 = Yes

2 = No

### 2. Gender

#### 2.1 Questionnaire question

Is ..... a male or a female?

1 = MALE

2 = FEMALE

#### 2.2 Note to users

Gender is recorded for all selected household members. The enumerators have been instructed to ask this question to household members and to not record it on own accord.

#### 2.3 Universe

Every person who normally resides in this household at least four nights a week.

#### 2.4 *Gender (C\_Gender)* @27 (1)

1 = Male

2 = Female

9 = Unspecified

### 3. Age

#### 3.1 Questionnaire question

How old is.....? (*In figures only*) *Less than 1 year = 00.*

### 3.2 Note to users

The age of selected household members are recorded in this question. The answers were written numerically and were to be recorded in whole numbers. Age was to be completed in completed years. Is someone is thus two years and six months it should have been recorded as 2 years. For those children who are less than a year, the instruction is to write 00.

### 3.3 Universe

Every person who normally resides in this household at least four nights a week.

### 3.4 Age (*D\_Age*) @28-30 (3)

Less than 1 year = 0  
Valid range: 0 – 129  
Unspecified: 999

## 4. Race

### 4.1 Questionnaire question

What population group does ..... belong to?  
1 = AFRICAN/BLACK  
2 = COLOURED  
3 = INDIAN/ASIAN  
4 = WHITE  
5 = OTHER, *SPECIFY*

### 4.2 Note to users

The population group of selected household members is recorded here. The enumerators have been instructed to ask this question to household members and to not record it on own accord.

### 4.3 Universe

Every person who normally resides in this household at least four nights a week.

### 4.4 Race (*E\_Race*) @31 (1)

1 = African/Black  
2 = Coloured  
3 = Indian/Asian  
4 = White  
5 = Other (specify)  
9 = Unspecified

## C. Questionnaire Section 2 variables

### 1. Prevalence of disabilities

#### 1.1. Questionnaire question

Is ..... limited in his/her daily travelling activities because of any disability lasting six months or more?  
1 = YES                      CONTINUE  
2 = No                        GO TO Q2.3

#### 1.2 Note to users

Physical disabilities of any of the selected household members are recorded here. It is important to note that the disability must last for a duration of at least six months or more. Moreover, the kind of disability should be the one that inhibits travelling activities. The instruction to the enumerator is to explain to the respondent the 'extent' that is required for a person to be classified as disabled. For example, someone using spectacles on a daily basis is not regarded as unable to perform her/his daily activities with regards to travelling. For the respondent who answers "No" there is a skip instruction directing the respondent to Q2.3.

#### 1.3 Universe

Only household members with physical disabilities lasting for at least six months.

#### 1.4 *Limitation in daily activities (Q21disab)* @32 (1)

1 = Yes  
2 = No  
9 = Unspecified

### 2. Type of disabilities

#### 2.1. Questionnaire question

What difficulty or difficulties does ..... have? Is it.....	YES	NO
1 = Sight (blind/severe visual limitations)	<input type="checkbox"/> 1	<input type="checkbox"/> 2
2 = Hearing (deaf, profoundly hard of hearing)	<input type="checkbox"/> 1	<input type="checkbox"/> 2
3 = Communicating (speech impairment)	<input type="checkbox"/> 1	<input type="checkbox"/> 2
4 = Physical (e.g. needs wheel chair, crutches or prosthesis; limb or hand usage limitation)	<input type="checkbox"/> 1	<input type="checkbox"/> 2
5 = Intellectual (serious difficulties in learning, mental retardation)	<input type="checkbox"/> 1	<input type="checkbox"/> 2
6 = Emotional (behavioural, psychological problems)	<input type="checkbox"/> 1	<input type="checkbox"/> 2
7 = Other, specify in column	<input type="checkbox"/> 1	<input type="checkbox"/> 2

#### 2.2. Note to users

This question is only applicable to household members who answered "Yes" in Q2.1 (selected household members who have physical disabilities lasting for six months or more). The enumerator is instructed to read out all the categories so that there can either be a "Yes" or "No" answer. More than one disability can therefore be recorded. Any other type of disability not listed in the question can be recorded under the "other" option.

## 2.3 Universe

Household members with disabilities from the selected dwelling units.

### 2.4 *Sight (blind/severe visual limitations) (Q22sight)* @33 (1)

1 =Yes  
2 = No  
8 = Not applicable  
9 = Unspecified

### 2.5 *Hearing (deaf, profoundly hard of hearing) (Q22hearing)* @34 (1)

1 =Yes  
2 = No  
8 = Not applicable  
9 = Unspecified

### 2.6 *Communicating (speech impairment) (Q22commu)* @35 (1)

1 =Yes  
2 = No  
8 = Not applicable  
9 = Unspecified

### 2.7 *Physical (e.g. need wheel chair, crutches or prosthesis, limb or hand usage limitation) (Q22physi)* @36 (1)

1 =Yes  
2 = No  
8 = Not applicable  
9 = Unspecified

### 2.8 *Intellectual (serious difficulties in learning, mental retardation) (Q22intel)* @37 (1)

1 =Yes  
2 = No  
8 = Not applicable  
9 = Unspecified

### 2.9 *Emotional (behavioural, psychological problems) (Q22emoti)* @38 (1)

1 =Yes  
2 = No  
8 = Not applicable  
9 = Unspecified

### 2.10 *Other, specify in column (Q22other)* @39-40 (1)

1 =Yes  
2 = No  
8 = Not applicable  
9 = Unspecified



## 4.2 Note to users

This question focuses on the reasons why the household members did not go anywhere on travel day (which is the day before the interview). Note must be taken of the reference period of this question. That means the reasons are only applicable for the travel day and not for any other time or occasion. The instruction to the enumerator is to stick to the reference period only. Any other reasons not listed in the question can be recorded in the "Other" option.

## 4.3 Universe

Those household members who did not go anywhere on travel day.

## 4.4 Reasons for not travelling (Q24whynot)

@42-43 (2)

- 1 = DID NOT NEED TO TRAVEL
- 2 = NOT WELL ENOUGH TO TRAVEL
- 3 = FAMILY RESPONSIBILITIES
- 4 = USUAL CAR NOT AVAILABLE
- 5 = PUBLIC TRANSPORT TOO EXPENSIVE FOR ME
- 6 = NO AVAILABLE PUBLIC TRANSPORT
- 7 = I HAD NO MONEY
- 8 = NO SUITABLE TRANSPORT FOR DISABLED
- 9 = OTHER, SPECIFY IN SPACE UNDER COLUMN
- 88 = NOT APPLICABLE
- 99 = UNSPECIFIED

## 5. Areas visited the day before the interview

### 5.1 Questionnaire question

Thinking of ..... ( <i>travel day</i> ), to which of the following did ....go?	YES	NO
a) = Work	<input type="checkbox"/> 1	<input type="checkbox"/> 2
b) = Education	<input type="checkbox"/> 1	<input type="checkbox"/> 2
c) = Shops	<input type="checkbox"/> 1	<input type="checkbox"/> 2
d) = Looking for work	<input type="checkbox"/> 1	<input type="checkbox"/> 2
e) = Medical services	<input type="checkbox"/> 1	<input type="checkbox"/> 2
f) = Welfare offices	<input type="checkbox"/> 1	<input type="checkbox"/> 2
g) = Visiting	<input type="checkbox"/> 1	<input type="checkbox"/> 2
h) = Sport, recreation and entertainment	<input type="checkbox"/> 1	<input type="checkbox"/> 2
i) = Church	<input type="checkbox"/> 1	<input type="checkbox"/> 2
j) = Other, specify in space under column	<input type="checkbox"/> 1	<input type="checkbox"/> 2

### 5.2 Note to users

Those respondents who indicated that they travelled on travel day are to indicate where they travelled to. Various facilities have been outlined in this question and the enumerators were instructed to ask the respondents whether they travelled to each of these facilities/places. That means there must be either a "Yes" or "No" answer for all the given categories. Any other travelling activities can be recorded under "Other".

### 5.3 Universe

All the household members who went somewhere on travel day.

#### 5.4 *Work (Q25twork)* @44 (1)

1 = Yes  
2 = No  
8 = Not applicable  
9 = Unspecified

#### 5.5 *Education (Q25teduc)* @45 (1)

1 = Yes  
2 = No  
8 = Not applicable  
9 = Unspecified

#### 5.6 *Shops (Q25tshops)* @46 (1)

1 = Yes  
2 = No  
8 = Not applicable  
9 = Unspecified

#### 5.7 *Looking for work (Q25tlookw)* @47 (1)

1 = Yes  
2 = No  
8 = Not applicable  
9 = Unspecified

#### 5.8 *Medical services (Q25tmed)* @48 (1)

1 = Yes  
2 = No  
8 = Not applicable  
9 = Unspecified

#### 5.9 *Welfare offices (Q25twelfare)* @49 (1)

1 = Yes  
2 = No  
8 = Not applicable  
9 = Unspecified

#### 5.10 *Visiting (Q25tvisit)* @50 (1)

1 = Yes  
2 = No  
8 = Not applicable  
9 = Unspecified

**5.11 Sport, recreation and entertainment (Q25tsport) @51 (1)**

- 1 = Yes
- 2 = No
- 8 = Not applicable
- 9 = Unspecified

**5.12 Church (Q25tchurch) @52 (1)**

- 1 = Yes
- 2 = No
- 8 = Not applicable
- 9 = Unspecified

**5.13 Other, specify in space under column (Q25tother) @53 (1)**

- 1 = Yes
- 2 = No
- 8 = Not applicable
- 9 = Unspecified

**6. Transport modes used in the last seven days**

**6.1 Questionnaire question**

	In the last 7 days, how many days has .....used:
a	A train
b	A bus
c	A metered taxi
d	A minibus taxi
e	A sedan taxi
f	A bakkie taxi
g	A car/bakkie /station wagon/kombi/4x4
h	A truck/lorry
i	A motor cycle/scooter
j	A bicycle
k	Animal transport
l	An aircraft
m	Other, specify in column

**6.2 Note to users**

Mode of transport used for travelling in last 7 days is recorded in this question. Any modes of transport used and not listed in this question can be recorded under the "Other" option.

**6.3 Universe**

All household members aged 15 years and older who used any mode of transport in the last seven days.

- 6.4 A train (Q26train) @54 (1)**  
Valid range: 0 - 7  
Unspecified: 9
- 6.5 A bus (Q26bus) @55 (1)**  
Valid range: 0 - 7  
Unspecified: 9
- 6.6 A metered taxi (Q26mettaxi) @56 (1)**  
Valid range: 0 - 7  
Unspecified: 9
- 6.7 A minibus taxi (Q26minibtxi) @57 (1)**  
Valid range: 0 - 7  
Unspecified: 9
- 6.8 A sedan taxi (Q26sedantxi) @58 (1)**  
Valid range: 0 - 7  
Unspecified: 9
- 6.9 A bakkie taxi (Q26bakkitxi) @59 (1)**  
Valid range: 0 - 7  
Unspecified: 9
- 6.10 A car/ bakkie/station/kombi/ 4x4 (Q26car) @60 (1)**  
Valid range: 0 - 7  
Unspecified: 9
- 6.11 A truck/lorry (Q26truck) @61 (1)**  
Valid range: 0 - 7  
Unspecified: 9
- 6.12 A motor cycle/scooter (Q26mcycle) @62 (1)**  
Valid range: 0 – 7  
Unspecified: 9
- 6.13 A bicycle (Q26bike) @63 (1)**  
Valid range: 0 - 7  
Unspecified: 9
- 6.14 Animal transport (Q26animal) @64 (1)**  
Valid range: 0 - 7  
Unspecified: 9

**6.15 An aircraft (Q26aircraft) @65 (1)**

Valid range: 0 - 7  
Unspecified: 9

**6.16 Other, specify in column (Q26other) @66 (1)**

Valid range: 0 - 7  
Unspecified: 9

## **7. Holiday trips undertaken**

### **7.1 Questionnaire question**

Has .....undertaken a holiday trip of at least 24 hours within RSA in the past year?

1 = YES

2 = No **Go to Section 3**

### **7.2 Note to users**

This is a screening question in order to identify household members who undertook holiday trips. In order to qualify, the trip should have lasted at least 24 hours, it should have been within the RSA and it should have been in the past year. Those who did not undertake a holiday trip are directed to Section 3.

### **7.3 Universe**

All household members in the selected dwelling units.

**7.4 Holiday trips for the past year (Q27holiday) @67 (1)**

1 = Yes  
2 = No  
9 = Unspecified

## **8 Number of holiday trips undertaken**

### **8.1 Questionnaire question**

On how many occasions did.....undertake a holiday trip?

### **8.2 Note to users**

The number of holiday trips undertaken is recorded here. The reference period is still within the past year within RSA, for at least 24 hours. Only household members who answered "Yes" in the previous screening question qualify for this question.

### **8.3 Universe**

Only household members who undertook holiday trips in the past year.

**8.4 Number of holiday trips (Q28nrhol) @68-69 (2)**

Valid range: 01 – 63

Not applicable: 88  
 Unspecified: 99

## 9. Places visited during the holiday trips

### 9.1 Questionnaire question

	Thinking about the most recent holiday trip, where did.....go?
a	Suburb/place name .....
b	Town/Municipality/District .....
c	Province .....

### 9.2 Note to users

Holiday destinations are recorded here. Note must be taken that the reference is on the most recent holiday trip. Under normal circumstances people tend to consider the trips where they have spent a lot of money or longer period when dealing with questions of this nature. The enumerator is therefore instructed to make sure that the respondents refer to their most recent holiday trip.

### 9.3 Universe

Only household members who undertook business trips in the past year.

### 9.4 Places visited (Q29place)

@70-73 (4)

Valid range: 1001 – 9040  
 Unspecified: 8888  
 Unspecified: 9999

## 10. Type of transport used for longest distances on holiday trips

### 10.1 Questionnaire question

<p><b>What type of transport did..... use for the longest part of the trip?</b>  <b>Mark one only</b></p> <p>1 = TRAIN          2 = BUS          3 = TAXI          4 = AIRCRAFT          5 = CAR / BAKKIE          6 = OTHER, SPECIFY IN COLUMN</p>
---

### 10.2 Note to users

The mode of travel to holiday destinations is recorded here. If more than one mode is used, the mode used for the longest part of the trip is recorded. Respondents are still to refer to their most recent holiday trip.

### 10.3 Universe

Only household members who undertook holiday trips in the past year.

### 10.4 Type of transport used (Q210holmode)

@74 (1)

- 1 = TRAIN
- 2 = BUS
- 3 = TAXI
- 4 = AIRCRAFT
- 5 = CAR / BAKKIE
- 6 = OTHER, SPECIFY IN COLUMN
- 8 = NOT APPLICABLE
- 9 = UNSPECIFIED

## C. Questionnaire Section 3 variables

### 1. Highest level of education

#### 1.1. Questionnaire question

What is the highest level of education that ..... has completed?

- 00 = NO SCHOOLING
- 01 = GRADE R/0
- 02 = SUB A/GRADE 1
- 03 = SUB B/GRADE 2
- 04 = GRADE 3/STANDARD 1
- 05 = GRADE 4/STANDARD 2
- 06 = GRADE 5/STANDARD 3
- 07 = GRADE 6/STANDARD 4
- 08 = GRADE 7/STANDARD 5
- 09 = GRADE 8/STANDARD 6/FORM 1
- 10 = GRADE 9/STANDARD 7/FORM 2
- 11 = GRADE 10/STANDARD 8/FORM 3
- 12 = GRADE 11/STANDARD 9/FORM 4
- 13 = GRADE 12/STANDARD 10/FORM 5/MATRIC
- 14 = NTC I
- 15 = NTC II
- 16 = NTC III
- 17 = DIPLOMA/CERTIFICATE WITH LESS THAN GRADE 12/STD 10
- 18 = DIPLOMA/CERTIFICATE WITH GRADE 12/STD 10
- 19 = DEGREE
- 20 = POSTGRADUATE DEGREE OR DIPLOMA
- 21 = OTHER, *specify in column*
- 22 = DON'T KNOW

**Diplomas or certificates should be of at least six months study duration full time (or equivalent).**

## 1.2 Note to users

This question is applicable to all selected household members. Only qualifications already obtained has been recorded. Current studies are thus not taken into account. A category has been provided for no schooling; therefore the question must be completed for every selected household member. Diplomas and certificates must be of at least six months study duration full time, or the equivalent thereof.

## 1.3 Universe

All members in the selected dwelling unit.

## 1.4 Highest level of education (educ)

@75-76 (2)

00 = NO SCHOOLING

01 = GRADE R/0

02 = SUB A/GRADE 1

03 = SUB B/GRADE 2

04 = GRADE 3/STANDARD 1

05 = GRADE 4/STANDARD 2

06 = GRADE 5/STANDARD 3

07 = GRADE 6/STANDARD 4

08 = GRADE 7/STANDARD 5

09 = GRADE 8/STANDARD 6/FORM 1

10 = GRADE 9/STANDARD 7/FORM 2

11 = GRADE 10/STANDARD 8/FORM 3

12 = GRADE 11/STANDARD 9/FORM 4

13 = GRADE 12/STANDARD 10/FORM 5/MATRIC

14 = NTC I

15 = NTC II

16 = NTC III

17 = DIPLOMA/CERTIFICATE WITH LESS THAN GRADE 12/STD 10

18 = DIPLOMA/CERTIFICATE WITH GRADE 12/STD 10

19 = DEGREE

20 = POSTGRADUATE DEGREE OR DIPLOMA

21 = OTHER, *specify in column*

22 = DON'T KNOW

99 = UNSPECIFIED

## 2. Current attendance

### 2.1 Questionnaire question

Does .....currently attend an educational institution including pre school and day care?

1 = YES

2 = NO

**GO TO SECTION 4**

## 2.2 Note to users

The aim of this screening question is to identify individuals currently attending an educational institution, including Pre School/Day Care and distance/correspondence education. Respondent currently not attending an educational institution are skipped to Section 4.

## 2.3 Universe

All household members.

## 2.4 Current attendance (Q32goeduc) @77 (1)

- 1 = Yes
- 2 = No
- 9 = Unspecified

## 3. Educational institution currently being attended (Q33eduinn)

### 3.1 Questionnaire question

**Which educational institution does.....attend?**

*Include distance and correspondence education*

- 1 = PRE SCHOOL, CRÈCHE, DAY CARE
- 2 = PRIMARY SCHOOL
- 3 = SECONDARY/ HIGH SCHOOL
- 4 = UNIVERSITY
- 5 = TECHNIKON
- 6 = COLLEGE
- 7 = ADULT BASIC EDUCATION AND TRAINING OR LITERACY CLASSES
- 8 = OTHER ADULT EDUCATION CLASSES
- 9 = OTHER, SPECIFY IN COLUMN

### 3.2 Note to users

This question is only applicable to those who answered “Yes” in the above mentioned screening question and pertains to the type of educational institutions being attended. Distance/correspondence education has been included in this question.

### 3.3 Universe

All household members, who are currently attending educational institutions.

## 3.4 Educational institution currently being attended (Q33edutype) @78-79 (2)

- 1 = PRE SCHOOL, CRÈCHE, DAY CARE
- 2 = PRIMARY SCHOOL
- 3 = SECONDARY/ HIGH SCHOOL
- 4 = UNIVERSITY
- 5 = TECHNIKON
- 6 = COLLEGE
- 7 = ADULT BASIC EDUCATION AND TRAINING OR LITERACY CLASSES
- 8 = OTHER ADULT EDUCATION CLASSES

9 = OTHER, SPECIFY IN COLUMN  
 88 = NOT APPLICABLE  
 99 = Unspecified

**4. Manner of attendance**

**4.1 Questionnaire question**

<p>Is ..... mainly studying through attending classes or through distance learning?</p> <p>1 = ATTENDING CLASSES          2 = DISTANCE LEARNING</p>	<p><b>GO TO SECTION 4</b></p>
---	-------------------------------

**4.2 Note to users**

The aim of this question is to find out whether household members, who are currently attending educational institutions, are attending full time or part time. The main difference between the two methods is that for those attending classes there is frequently personal interaction, whereas on distance learning concerned parties normally communicate through the use of media, such as e-mails, internet, telephone etc.

**4.3 Universe**

All household members who are currently attending educational institutions.

**4.4 Attending fulltime or part-time (Q34attend) @80 (1)**

1 = Attending classes  
 2 = Distance learning  
 8 = Not applicable  
 9 = Unspecified

**5. Area of the educational institution**

**5.1 Questionnaire question**

<b>Where does.....attend.....?</b>
Suburb/Place name
Town/Municipality/District
Province

**5.2 Note to users**

The physical location of the educational institution being attended were captured in this question. The instruction to the enumerator is to ascertain that the respondent understands that the required information is only applicable for household members who are studying on a full time basis. The name of the institution is not required, only the place name where the institution is situated. (Code list is attached).

### 5.3 Universe

All household members who are currently attending the educational institutions.

### 5.4 *Area of institution (Q35edutaz)* @81-84 (4)

Valid range: 1001 – 9040

Not applicable: 8888

Unspecified: 9999

## 6. Departure time to educational institution

### 6.1 Questionnaire question

At what time does.....usually leave to go to .....

### 6.2 Note to users

This question is only applicable to those who are currently attending classes at educational institutions. The aim is to record the departure time to educational institutions.

### 6.3 Universe

All household members who are currently attending educational institutions.

### 6.4 *Departure time to educational institution (Q36dtime)* @85-88 (4)

Valid range: 0100 – 2000

Not applicable: 8888

Unspecified: 9999

## 7. Usual time to arrive at educational institution

### 7.1 Questionnaire question

At what time does.....usually arrive at .....

### 7.2 Note to users

This question is only applicable to those who are currently attending classes in educational institutions. The aim is to record the arrival time at educational institutions. In conjunction with the departure time a mean travel time can be calculated and posed against various independent variables.

### 7.3 Universe

All household members who are currently attending the educational institutions.

### 7.4 *Usual time to arrive at educational institution (Q37atime)* @89-92 (4)

Valid range: 1010 – 2040

Not applicable: 8888

Unspecified: 9999

## 8. Type of transport used to get to the educational institution

### 8.1 Questionnaire question

How does .....usually get to.....? *If more than one type mark the one used over the longest distance.*

- 01 = TRAIN
- 02 = BUS
- 03 = METERED TAXI
- 04 = MINI BUS TAXI
- 05 = SEDAN TAXI
- 06 = BAKKIE TAXI
- 07 = CAR/BAKKIE PASSENGER
- 08 = TRUCK
- 09 = TRACTOR/TRAILER
- 10 = ANIMAL TRANSPORT
- 11 = CAR/BAKKIE DRIVER
- 12 = MOTORCYCLE/SCOOTER
- 13 = BICYCLE
- 14 = WALK
- 15 = OTHER, SPECIFY IN COLUMN

} **GO TO SECTION 4**

### 8.2 Note to users

This question records the travel mode to educational institutions of those members who are currently attending classes. Where more than one mode of travel is used, the travel mode used over the longest distance is recorded. Those respondents who use a car/bakkie, motorcycle/scooter, bicycle, or walk are skipped to section 4.

### 8.3 Universe

All household members who are currently attending the educational institutions.

### 8.4 Type of transport used (Q38mode)

@93-94 (2)

- 1 = TRAIN
- 2 = BUS
- 3 = METERED TAXI
- 4 = MINI BUS TAXI
- 5 = SEDAN TAXI
- 6 = BAKKIE TAXI
- 7 = CAR/ BAKKIE PASSENGER
- 8 = TRUCK
- 9 = TRACTOR/TRAILER
- 10 = ANIMAL TRANSPORT
- 11 = CAR/BAKKIE DRIVER
- 12 = MOTORCYCLE/SCOOTER
- 13 = BICYCLE
- 14 = WALK
- 15 = OTHER, SPECIFY IN COLUMN
- 88 = NOT APPLICABLE
- 99 = UNSPECIFIED

## 9. Cost of travel mode to the educational institution

### 9.1 Questionnaire question

How much does it cost....to get to....? (including al modes) (Rand) (cents)

### 9.2 Note to users

The aim of this question is to record the costs of travel to educational institutions. The instruction is to ask the respondent the cost per trip (thus all modes) for all household members who are attending classes. The classification for payment type is recorded in the next question.

### 9.3 Universe

All household members who are currently attending educational institutions.

### 9.4 Cost of transport (Q39cost)

@95-100 (6)

Valid range: 000000 – 888800

Not applicable: 888888

Unspecified: 999999

## 10. Frequency of trips to educational institutions

### 10.1 Questionnaire question

Is that.....

1 = Per single trip

2 = Per return trip

3 = Per week

4 = Per month

5 = Per term

6 = Not applicable

### 10.2 Note to users

This question contains the classification of payment type for the travel costs indicated in the previous question.

### 10.3 Universe

All household members who are currently attending the educational institutions.

### 10.4 Frequency of educational trips (Q310unit)

@101 (1)

1 = Per single trip

2 = Per return trip

3 = Per week

4 = Per month

5 = Per term

6 = Not applicable

9 = Unspecified

**11. Weight** **@102-109 (8.4)**

**D. Derived/ calculated variables**

**1. Monthly travel cost to education (Costperm)** **@110-117(8)**

This is a calculation to determine monthly travel costs to educational institutions.

Valid range: 0 – 924

Questionable information: 999999

**2. Classification (Newclass)** **@118-125(8)**

The settlement area in which the household is situated

1 = Metropolitan

2 = Urban

3 = Rural

**3. Metropolitan/ District municipality (District)** **@126-133(8)**

The municipal district in which the household is situated

11 = West Coast

12 = Boland

13 = Overberg

14 = South Coast

15 = Central Karoo

16 = Cape Town Metro

21 = Cacadu

22 = Nelson Mandela Metro

23 = Chris Hani

24 = Ukhahlamba

25 = Alfred Nzo

26 = OR Tambo

27 = Amatole

31 = Kgalagadi

32 = Frances Baard

33 = Namaqua

34 = Karoo

35 = Siyanda

41 = Xhariep

42 = Motheo

43 = Lejweleputswa

44 = Thabo Mofutsanyane

45 = Northern Free State

50 = Sisonke

51 = Uthukela

52 = Ugu

53 = Umgugundlovu

54 = Ethekwini Metro

55 = Zululand

56 = Umkhanyakude  
57 = Uthungulu  
58 = Umzinyathi  
59 = Amajuba  
60 = Ilembe  
61 = Bojanala  
62 = Central  
63 = Bophirima  
64 = Southern  
71 = Sedibeng  
72 = Johannesburg Metro  
73 = Ekurhuleni Metro  
74 = West Rand  
75 = Tshwane Metro  
76 = Metsweding  
81 = Gert Sibande  
82 = Nkangala  
83 = Ehlandzeni  
91 = Sekhukhune CB  
92 = Bohlabela  
93 = Mopani  
94 = Vhembe  
95 = Capricorn  
96 = Waterberg

## DATA FILE: OVER15

### A. Sampling/derived variables

#### 1. **Enumeration Area Primary Sampling Unit (EAPSU)** @1-12 (12)

For sampling purposes the Census 2001 Enumeration Areas (EA's) were used to compile Primary Sampling Units (PSU's). Three hundred and forty two national Travel Analysis Zones (TAZs) were identified. These were overlaid with the Census 2001 EA's and a total of 5041 EA's were selected. Each TAZ was allocated a particular number of EA's proportional to its relative size, in terms of the Census-enumerated dwelling unit count. These EA's formed the Primary Sampling Units (PSU's).

#### 2. **Dwelling number (Dwellnr)** @13-16 (4)

These are the numbers assigned to the Dwelling Units sampled from the PSU's.

#### 3. **Household number (Hhnr)** @17-18 (2)

These are the numbers assigned to the various households sampled from the Dwelling Units

#### 4. **Person number (PersonNr)** @19-20 (2)

Person (respondent) number within Household  
Valid range: 1 – 28 (2 digits)

#### 5. **Province (Prov)** @21 (1)

Valid range: 1 – 9

- 1 = Western Cape
- 2 = Eastern Cape
- 3 = Northern Cape
- 4 = Free State
- 5 = KwaZulu-Natal
- 6 = North West
- 7 = Gauteng
- 8 = Mpumalanga
- 9 = Limpopo

#### 6. **TAZ (TAZnr)** @22-25 (4)

The National Department of Transport identified 342 National Travel Zones (TAZs) through consultation with different transport authorities throughout the country. The whole country is divided into TAZs. These TAZs are based along the district municipality and provincial boundaries. However, there are instances where the TAZs cut across provincial boundaries.

## B. Questionnaire flap variables

### 1. Nights spent in the household home

#### 1.1 Questionnaire question

Has ..... stayed here (in this household) for at least four nights on average per week during the last four weeks?  
1 = YES  
2 = NO → *END OF QUESTIONS FOR THIS PERSON*

#### 1.2 Note to users

This question is asked for each person found in the selected dwelling. Only those individuals who have stayed in the dwelling for at least four nights on average per week during the last four weeks will be selected for interviewing.

#### 1.3 Universe

Every person who normally resides in this household at least four nights a week.

#### 1.4 *Stayed Nights (B\_4Night)* @26 (1)

1 = Yes  
2 = No

### 2. Gender

#### 2.1 Questionnaire question

Is ..... a male or a female?  
1 = MALE  
2 = FEMALE

#### 2.2 Note to users

Gender is recorded for all selected household members. The enumerators have been instructed to ask this question to household members and to not record it on own accord.

#### 2.3 Universe

Every person who normally resides in this household at least four nights a week.

#### 2.4 *Gender (C\_Gender)* @27 (1)

1 = Male  
2 = Female  
9 = Unspecified

### 3. Age

#### 3.1 Questionnaire question

How old is.....? (In figures only) *Less than 1 year = 00.*

### 3.2 Note to users

The age of selected household members are recorded in this question. The answers were written numerically and were to be recorded in whole numbers. Age was to be completed in completed years. Is someone is thus two years and six months it should have been recorded as 2 years. For those children who are less than a year, the instruction is to write 00.

### 3.3 Universe

Every person who normally resides in this household at least four nights a week.

### 3.4 Age (*D\_Age*)

@28-30 (3)

Less than 1 year = 0

Valid range: 0 – 129

Unspecified: 999

## 4. Race

### 4.1 Questionnaire question

***What population group does ..... belong to?***

1 = AFRICAN/BLACK

2 = COLOURED

3 = INDIAN/ASIAN

4 = WHITE

5 = OTHER, *SPECIFY*

### 4.2 Note to users

The population group of selected household members is recorded here. The enumerators have been instructed to ask this question to household members and to not record it on own accord.

### 4.3 Universe

Every person who normally resides in this household at least four nights a week.

### 4.4 Race (*E\_Race*)

@31 (1)

1 = African/Black

2 = Coloured

3 = Indian/Asian

4 = White

5 = Other (specify)

9 = Unspecified

## C. Questionnaire Section 4 variables

### 1. Drivers licences

#### 1.1 Questionnaire question

<b>Does ..... have a driver's licence for a .....</b> ?	<b>YES</b>	<b>NO</b>
1 = Motorcycle	<input type="checkbox"/> 1	<input type="checkbox"/> 2
2 = Car	<input type="checkbox"/> 1	<input type="checkbox"/> 2
3 = Heavy vehicle	<input type="checkbox"/> 1	<input type="checkbox"/> 2

#### 1.2 Note to users

This question is applicable to all household members who are age 15 years and above. The question will give an indication of the number of driver's licenses for various types of modes. Each respondent has to answer all the given categories with either a "Yes" or "No".

#### 1.3 Universe

All household members aged 15 years and above.

#### 1.4 *Drivers Licences: Motorcycle (Q41mcyclel)* @32 (1)

1 = Yes  
2 = No  
9 = Unspecified

#### 1.5 *Drivers Licences: Car (Q41carl)* @33 (1)

1 = Yes  
2 = No  
9 = Unspecified

#### 1.6 *Drivers Licences: Heavy vehicle (Q41heavyl)* @34 (1)

1 = Yes  
2 = No  
9 = Unspecified

### 2. Employment status

#### 2.1 Questionnaire question

<b>Does ..... have a job or did .....do any work in the past seven days, even if he/she was absent from work?</b>
1 = Yes: Formal
2 = Yes: Informal
3 = No

} GO TO SECTION 5

#### 2.2 Note to users

This question serves as a screening question in order to identify working individual for further interviewing. The question applies to individuals who are aged 15 years and above. An individual working in either the formal or informal sector is seen as employed/working. If a

person has worked in the past seven days, he/she is regarded as working/employed. All working individuals are from hereon referred to Section 5 containing work related questions.

### 2.3 Universe

All household members aged 15 years and above.

### 2.4 *Employment in the past seven days (Q42havew)* @35 (1)

- 1 = Yes: Formal
- 2 = Yes: Informal
- 3 = No
- 9 = Unspecified

## 3. Reasons for not working

### 3.1 Questionnaire question

**What is the main reason why.....did not have work in the past seven days.**

- 1 = SCHOLAR OR STUDENT
  - 2 = HOMEMAKER OR HOUSEWIFE
  - 3 = PENSIONER OR RETIRED PERSON/ TOO OLD TO WORK
  - 4 = UNABLE TO WORK DUE TO ILLNESS OR DISABILITY
  - 5 = SEASONAL WORKER NOT WORKING PRESENTLY
  - 6 = CHOOSES NOT TO WORK
  - 7 = CANNOT FIND WORK
- Go TO SECTION 7**

### 3.2 Note to users

Those respondents who, in the previous question, indicated that they are not working are to provide their reasons for not working in this question.

### 3.3 Universe

All household members who were not working in the past seven days.

### 3.4 *Main reason for not working in the past seven days (Q43reason)* @36 (1)

- 1 = Scholar or student
- 2 = Homemaker or housewife
- 3 = Pensioner or retired person/ too old to work
- 4 = Unable to work due to illness or disability
- 5 = Seasonal worker not working presently
- 6 = Chooses not to work
- 7 = Cannot find work
- 8 = Not applicable
- 9 = Unspecified

## D. Questionnaire section 5 variables

### 1. Name of the business/company employed at

#### 1.1 Questionnaire question

**What is the FULL name of the business/company or organisation for whom you work?** (if the person works for him/herself, and the business does not have a name, write SELF in the appropriate row. If doing PAID domestic work in a private household, write PRIVATE HOUSEHOLD)

#### 1.2 Note to users

This question is applicable to all household members aged 15 years and above. The questions contained in this section are to be asked to those respondents who have been identified as individuals who have worked in the past seven days, be it in the formal or informal section.

#### 1.3 Universe

All members of the household aged 15 years and above who are economically active.

#### 1.4 Note on coding

There is only one code for Q5.1 (a) and Q5.1 (b). These questions (5.1a and 5.1b) were written-in. The responses were used to determine the industry. The industry was coded to three digits on the basis of the International Standard Industrial Classification of all Economics activities (ISIC) 1993 (see **Code List B** for codes).

### 2. Main economic activity for the industry

#### 2.1 Questionnaire question

**What does the business do (main economic activity)?**  
Write the MAIN INDUSTRY, economic activity, product or service of (the person's) employer or company. For example, gold mining, road construction  
OR  
Write the activity of the person if self-employed. For example subsistence farming.  
If doing PAID domestic work in a private household, write PRIVATE HOUSEHOLD

#### 2.2 Note to users

This question is applicable to all household members aged 15 years and above. The questions contained in this section are to be asked to those respondents who have been identified as individuals who have worked in the past seven days, be it in the formal or informal section. Although a person may be involved with a certain role within the company she/he is working with, the instruction is to give the final product produced by the company.

## 2.3 Universe

All members of the household aged 15 years and above who are economically active.

## 2.4 Industry (Q51indus) @37-39 (3)

Valid range: 010 – 990

Not applicable: 888

Unspecified: 999

Note: These questions (5.1a and 5.1b) were written-in. The responses were used to determine the industry. The industry was coded to three digits on the basis of the International Standard Industrial Classification of all Economic activities (ISIC) 1993 (see **Code List B** for codes).

## 3. Main occupation

### 3.1 Questionnaire question

**What is your main occupation in this workplace?**

Occupation refers to the type of work you performed in the last seven days or you usually do at your place of work

Use two or more words: For example, street trader, cattle farmer, primary school teacher, domestic worker, fruit seller, etc.

### 3.2 Note to users

This question is applicable to all household members aged 15 years and above. The questions contained in this section are to be asked to those respondents who have been identified as individuals who have worked in the past seven days, be it in the formal or informal section. This question focuses on what a respondent does as an employee within the company she/he is working for.

### 3.3 Universe

All members of the household aged 15 years and above who are economically active.

## 3.4 Main occupation (Q52occup) @40-43 (4)

Valid range: 0850 – 9333

Not applicable: 8888

Unspecified: 9999

Note: These questions were written-in. The responses were used to determine the occupation. The occupation was coded to four digits on the basis of the International Standard classification of Occupations (ISCO 88) (see **Code List C** for codes).

## 4. Number of working days

### 4.1 Questionnaire question

How many days per week do you usually work?

## 4.2 Note to users

Regardless of whether the work is formal or informal the main interest of this question is the number of days usually worked per week.

## 4.3 Universe

All members of the household aged 15 years and above who are economically active.

## 4.4 Number of working days (Q53daysw) @44 (1)

Valid range: 1 – 7

Not applicable: 8

Unspecified: 9

## 5. Option 1: Total salary /pay in the main job

### 5.1 Questionnaire question

**What is your total salary/pay at your main job before any tax or deductions?**

*Include overtime, allowances and bonus*

**Rand**

*Give amount in whole figures, without any text or decimals*

**If "REFUSE" or "DON'T KNOW" → Go to Q 5.4c**

### 5.2 Note to users

As per the instruction in the questionnaire the salary includes overtime, allowances and bonuses. Salary should be indicated before any tax or deductions. Moreover, the amounts should be in whole numbers, without any text or decimals. If the respondents refuses to give an exact indication of salary, he/she is referred to the next question where income bands are provided.

### 5.3 Universe

All members of the household aged 15 years and above who are working.

## 5.4 Total salary /pay in the main job (Q54income) @45-51 (7)

Valid range: 0000006 – 2500360

Not applicable: 8888888

Unspecified: 9999999

## 6. Option 1: Salary unit

### 6.1 Questionnaire question

**Only if amount given in 5.4a**

**Is this**

1 = Per week

2 = Per month

3 = Annually

} **Go to Q 5.5**

## 6.2 Note to users

This question is only applicable to respondents who provided their exact salary amount. The question classifies the amount given in salaries earned per week, per month or annually. Only one option can be marked.

## 6.3 Universe

All members of the household aged 15 years and above who are working.

## 6.4 Salary unit (Q54unit)

@52 (1)

- 1 = Per week
- 2 = Per month
- 3 = Annually
- 8 = Not applicable
- 9 = Unspecified

## 7. Option 2: Income categories

### 7.1 Questionnaire question

<i>Only if "REFUSE" or "DON'T KNOW" in 5.4a</i>			
SHOW THE CATEGORIES. MAKE SURE THE RESPONDENT POINTS AT the correct income column (weekly, monthly, annually) on prompt card and mark the applicable code.			
	<b>Weekly</b>	<b>Monthly</b>	<b>Annually</b>
01	NONE	NONE	NONE
02	R1 – R 46	R1 – R200	R1 - R2 400
03	R 47 – R115	R201 – R500	R2 401 - R6 000
04	R116 - R231	R501 – R1 000	R6 001 - R12 000
05	R232 - R346	R1 001 - R1 500	R12 001 - R18 000
06	R347 – R462	R1 501 - R2 000	R18 001 – R24 000
07	R463 – R692	R2 001 - R3 000	R24 001 – R36 000
08	R693 - R1 038	R3 001 - R4 500	R36 001 – R54 000
09	R1 039 - R1 385	R4 501 - R6 000	R54 001 - R72 000
10	R1 386 - R1 846	R6 001 - R8 000	R72 001 - R96 000
11	R1 847 - R2 308	R8 001 - R10 000	R96 001 - R120 000
12	R2 309 - R3 692	R10 001 - R16 000	R120 001 - R192 000
13	R3 693 - R6 923	R16 001- R30 000	R192 001 – R360 000
14	R6 924 OR MORE	R30 001 OR MORE	R360 001 OR MORE
15	DON'T KNOW	DON'T KNOW	Don't know
16	REFUSE	REFUSE	REFUSE

## 7.2 Note to users

This question applies to those respondents who refused to give an exact indication of their salary amount. In this question the respondents have the option to give an indication of their income via income bands. Income information is of a very personal nature and the enumerator is instructed to inform the respondent that there is a Statistics Act, which protects them against any disclosure.

## 7.3 Universe

All members of the household aged 15 years and above who are economically active.

#### 7.4 *Income categories (Q54inccat)*

@53-54 (2)

Valid range: 1 – 16

Not applicable: 88

Unspecified: 99

### 8. Prevalence of business trips

#### 8.1 Questionnaire question

<p>Have you undertaken any business trips longer than 200km within the RSA in the past month? 1 = YES 2 = No <span style="float: right;">Go to Q5.9</span></p>
--

#### 8.2 Note to users

This question applies to the economically active and is a screening question in order to identify those who undertook a business trip within the RSA in the past month for further interviewing.

#### 8.3 Universe

All members of the household aged 15 years and above who are working.

#### 8.4 *Business trips within RSA (Q55busnstrip)*

@55 (1)

1 = Yes

2 = No

8 = Not applicable

9 = Unspecified

### 9. Number of business trips

#### 9.1 Questionnaire question

<p>How many business trips have you undertaken in the past month?</p>
---

#### 9.2 Note to users

This question determines the number of business trips undertaken in the past month.

#### 9.3 Universe

All members of the household aged 15 years and above who took business trips in the past month.

#### 9.4 *Number of business trips (Q56howmany)*

@56-57 (2)

Valid range: 1 – 31

Not applicable: 88

Unspecified: 99

## 10. Places visited on business trips

### 10.1 Questionnaire question

<b>Thinking about the most recent business trip away, where did you go?</b>
Suburb/place name .....
Town/Municipality/District .....
Province .....

### 10.2 Note to users

The aim of this question is to determine the destinations of most business trips undertaken.

### 10.3 Universe

All members of the household aged 15 years and above who took business trips in the past month

### 10.4 *Places visited on business trips (Q57destin)*

@58-61 (4)

Valid range: 1001 – 9040

Not applicable: 8888

Unspecified: 9999

## 11. Type of transport used for business trips

### 11.1 Questionnaire question

<b>What type of transport did you use for the longest part of the trip?</b> <b>Mark one only</b> 1 = TRAIN 2 = BUS 3 = TAXI 4 = AIRCRAFT 5 = CAR / BAKKIE 6 = OTHER, SPECIFY IN COLUMN
---

### 11.2 Note to users

The mode of transport used for the *longest part* of a business trip is recorded in this question. Only one mode should thus be recorded. Modes of transport not listed can be recorded under "Other".

### 11.3 Universe

All members of the household aged 15 years and above who took business trips in the past month.

### 11.4 *Type of transport used for business trips (Q58bmode)*

@62 (1)

1 = TRAIN

2 = BUS

3 = TAXI

4 = AIRCRAFT

5 = CAR / BAKKIE

6 = OTHER, SPECIFY IN COLUMN  
8 = Not applicable  
9 = Unspecified

## 12. Migrant trips

### 12.1 Questionnaire question

Is there another place in the RSA which you regard as your home and to which you regularly make an overnight visit?  
1 = YES  
2 = No **Go to Q5.16**

### 12.2 Note to users

This is a screening question aiming to identify migrant workers for further interviewing. It is accomplished by asking individuals, who worked in the last seven days, whether they have another place in the RSA that they regard as their home and that they visit regularly – for at least an overnight visit.

### 12.3 Universe

All household members aged 15 years and above who are working.

### 12.4 *Any place in RSA regarded as home (Q59otherhome)* @63 (1)

1 = Yes  
2 = No  
8 = Not applicable  
9 = Unspecified

## 13. Use of public transport

### 13.1 Questionnaire question

Have you gone there by public transport during the past month?  
1 = YES  
2 = No **Go to Q5.16**

### 13.2 Note to users

The question aims to identify migrant workers who use public transport as travel mode on their trips home.

### 13.3 Universe

All household members aged 15 years and above with another place they regard as home in RSA.

### 13.4 *Use of public transport (Q510publictr)* @64 (1)

1 = Yes  
2 = No  
8 = Not applicable  
9 = Unspecified

## 14. Number of migrant trips

### 14.1 Questionnaire question

How many times have you gone there during the past month?
---

### 14.2 Note to users

This question records the number of migrant trips, within the RSA, undertaken by each person during the past month. Note that this question only applies to those migrant workers who used public transport for their trips home.

### 14.3 Universe

All household members aged 15 years and above with another place they regard as home, in RSA and have travelled there by public transport in the past month.

### 14.4 *Number of home visits in the past month (Q511ntrips)* @65-66 (2)

Valid range: 1 – 20

Not applicable: 88

Unspecified: 99

## 15. Home area

### 15.1 Questionnaire question

	Where is this place?
a	Suburb/place name
b	Town/Municipality/District
c	Province

### 15.2 Note to users

This question records the location of other places that migrant workers regard as home.

### 15.3 Universe

All household members aged 15 years and above with another place they regard home in RSA and have travelled there by public transport in the past month.

### 15.4 *Home area (Q512migrtaz)* @67-70 (4)

Valid range: 1001 – 9040

Not applicable: 8888

Unspecified: 9999

## 16. Type of transport used when visiting home

### 16.1 Questionnaire question

Thinking of your last trip home, what type of transport did you use for the longest part of the trip?

Mark one only

1 = TRAIN

2 = BUS

3 = TAXI

4 = AIRCRAFT

5 = OTHER, SPECIFY IN COLUMN

### 16.2 Note to users

The mode of transport used for the longest part of the most recent migrant trip is recorded. Modes not listed can be recorded under "Other".

### 16.3 Universe

All household members aged 15 years and above with another place they regard home in RSA and have travelled there by public transport in the past month.

### 16.4 Mode for migrant trips (Q513migrmode)

@71 (1)

1 = TRAIN

2 = BUS

3 = TAXI

4 = AIRCRAFT

5 = OTHER, SPECIFY IN COLUMN

8 = Not applicable

9 = Unspecified

## 17. Migrant trip cost

### 17.1 Questionnaire question

How much did you pay for the trip there and back?  
Rand

### 17.2 Note to users

This question records the travel costs with regards to the travel mode used for the most recent migrant trip.

### 17.3 Universe

All household members aged 15 years and above with another place they regard home in RSA and have travelled there by public transport in the past month.

### 17.4 Amount spent on home visit trip (Q514migrcost)

@72-75 (4)

Valid range: 0000 – 8000

Not applicable: 8888

Unspecified: 9999

## 18. Day of the week for home visit

### 18.1 Questionnaire question

**On which day of the week did you go?**

- 1 = Monday
- 2 = TUESDAY
- 3 = WEDNESDAY
- 4 = THURSDAY
- 5 = FRIDAY
- 6 = SATURDAY
- 7 = Sunday

### 18.2 Note to users

This question records the day of the week on which the most recent migrant trip was undertaken.

### 18.3 Universe

All household members aged 15 years and above with another place they regard home in RSA and have travelled there by public transport in the past month.

### 18.4 *Day of the week for home visit (Q515migriday)*

**@76 (1)**

- 1 = MONDAY
- 2 = TUESDAY
- 3 = WEDNESDAY
- 4 = THURSDAY
- 5 = FRIDAY
- 6 = SATURDAY
- 7 = SUNDAY
- 8 = NOT APPLICABLE
- 9 = UNSPECIFIED

## 19. Main place of work

### 19.1 Questionnaire question

**Where is your main place of work?**

- 1 = At home (where you sleep 4 nights a week) **Go to Section 7**
- 2 = Somewhere else **Go to Section 6**

### 19.2 Note to users

This is a screening question to identify those individuals who undertake work trips for further interviewing. Once identified these respondents are referred to Section 6 containing work trip related questions. The other respondents are referred to Section 7 containing questions with regards to attitudes towards public transport.

### 19.3 Universe

All household members aged 15 years and above with another place they regard home in RSA and have travelled there by public transport in the past month.

**19.4 Main place of work (Q516workplace) @77 (1)**

- 1 = At home (where you sleep 4 nights a week)
- 2 = Somewhere else
- 8 = Not applicable
- 9 = Unspecified

**20. Weight (Weight) @78-85 (8.4)**

**E. Derived/ calculated variables**

**1. Metropolitan/ District municipality (District) @86-93 (8)**

The municipal district in which the household is situated

- 11 = West Coast
- 12 = Boland
- 13 = Overberg
- 14 = South Coast
- 15 = Central Karoo
- 16 = Cape Town Metro
- 21 = Cacadu
- 22 = Nelson Mandela Metro
- 23 = Chris Hani
- 24 = Ukhahlamba
- 25 = Alfred Nzo
- 26 = OR Tambo
- 27 = Amatole
- 31 = Kgalagadi
- 32 = Frances Baard
- 33 = Namaqua
- 34 = Karoo
- 35 = Siyanda
- 41 = Xhariep
- 42 = Motheo
- 43 = Lejweleputswa
- 44 = Thabo Mofutsanyane
- 45 = Northern Free State
- 50 = Sisonke
- 51 = Uthukela
- 52 = Ugu
- 53 = Umgugundlovu
- 54 = Ethekwini Metro
- 55 = Zululand
- 56 = Umkhanyakude
- 57 = Uthungulu
- 58 = Umzinyathi
- 59 = Amajuba
- 60 = Ilembe
- 61 = Bojanala
- 62 = Central
- 63 = Bophirima
- 64 = Southern
- 71 = Sedibeng
- 72 = Johannesburg Metro

73 = Ekurhuleni Metro  
74 = West Rand  
75 = Tshwane Metro  
76 = Metsweding  
81 = Gert Sibande  
82 = Nkangala  
83 = Ehlandzeni  
91 = Sekhukhune CB  
92 = Bohlabela  
93 = Mopani  
94 = Vhembe  
95 = Capricorn  
96 = Waterberg

**2. Classification (Newclass)**

**@94-101 (8)**

The TAZ's grouped according to classification area

1 = Metropolitan  
2 = Urban  
3 = Rural

**3. Person income (Persincome)**

**@102-109(8)**

Monthly person income

Valid range: 44 – 47 000  
Questionable information: 888888  
Refused: 999999

**4. Migrant district (Mdistrict)**

**@110-117(8)**

Destination district of migrant trips.  
Codes the same as district.

**5. Business district (Bdistrict)**

**@118-125(8)**

Destination district of business trips.  
Codes the same as district.

## DATA FILE: WORKTRIP

### A. Sampling/derived variables

**1. Enumeration Area Primary Sampling Unit (EAPSU) @1-12 (12)**

For sampling purposes the Census 2001 Enumeration Areas (EA's) were used to compile Primary Sampling Units (PSU's). Three hundred and forty two national Travel Analysis Zones (TAZs) were identified. These were overlaid with the Census 2001 EA's and a total of 5041 EA's were selected. Each TAZ was allocated a particular number of EA's proportional to its relative size, in terms of the Census-enumerated dwelling unit count. These EA's formed the Primary Sampling Units (PSU's).

**2. Dwelling number (DwellNr) @13-16 (4)**

These are the numbers assigned to the Dwelling Units sampled from the PSU's.

**3. Household number (Hhnr) @17-18 (2)**

These are the numbers assigned to the various households sampled from the Dwelling Units

**4. Person number (PersonNr) @19-20 (2)**

Person (respondent) number within Household  
Valid range: 1 – 28 (2 digits)

**5. South African Provinces (Prov) @21 (1)**

Valid range: 1 – 9

- 1 = Western Cape
- 2 = Eastern Cape
- 3 = Northern Cape
- 4 = Free State
- 5 = KwaZulu-Natal
- 6 = North West
- 7 = Gauteng
- 8 = Mpumalanga
- 9 = Limpopo

**6. Transport Analysis Zone (TAZNr) @22-25 (4)**

The National Department of Transport identified 342 National Travel Zones (TAZs) through consultation with different transport authorities throughout the country. The whole country is divided into TAZs. These TAZs are based along the district municipality and provincial boundaries. However, there are instances where the TAZs cut across provincial boundaries.

## B. Questionnaire flap variables

### 1. Nights spent in the household home

#### 1.1 Questionnaire question

**Has ..... stayed here** (in this household) **for at least four** nights on average per week during the last four weeks?

1 = YES

2 = NO → **END OF QUESTIONS FOR THIS PERSON**

#### 1.2 Note to users

This question is asked for each person found in the selected dwelling. Only those individuals who have stayed in the dwelling for at least four nights on average per week during the last four weeks will be selected for interviewing.

#### 1.3 Universe

Every person who normally resides in this household at least four nights a week.

#### 1.4 *Stayed Nights (B\_4Night)* @26 (1)

1 = Yes

2 = No

### 2. Gender

#### 2.1 Questionnaire question

**Is ..... a male or a female?**

1 = MALE

2 = FEMALE

#### 2.2 Note to users

Gender is recorded for all selected household members. The enumerators have been instructed to ask this question to household members and to not record it on own accord.

#### 2.3 Universe

Every person who normally resides in this household at least four nights a week.

#### 2.4 *Gender (C\_Gender)* @27 (1)

1 = Male

2 = Female

9 = Unspecified

### 3. Age

#### 3.1 Questionnaire question

**How old is .....?** (In figures only) *Less than 1*  
*year = 00.*

### 3.2 Note to users

The age of selected household members are recorded in this question. The answers were written numerically and were to be recorded in whole numbers. Age was to be completed in completed years. Is someone is thus two years and six months it should have been recorded as 2 years. For those children who are less than a year, the instruction is to write 00.

### 3.3 Universe

Every person who normally resides in this household at least four nights a week.

### 3.4 Age (*D\_Age*)

@28-30 (3)

*Less than 1 year = 0*

Valid range: 0 – 129

Unspecified: 999

## 4. Race

### 4.1 Questionnaire question

What population group does ..... belong to?

1 = AFRICAN/BLACK

2 = COLOURED

3 = INDIAN/ASIAN

4 = WHITE

5 = OTHER, SPECIFY

### 4.2 Note to users

The population group of selected household members is recorded here. The enumerators have been instructed to ask this question to household members and to not record it on own accord.

### 4.3 Universe

Every person who normally resides in this household at least four nights a week.

### 4.4 Race (*E\_Race*)

@31 (1)

1 = African/Black

2 = Coloured

3 = Indian/Asian

4 = White

5 = Other (specify)

9 = Unspecified

## C. Questionnaire Section 6 variables

### 1. Place of work

#### 1.1 Questionnaire question

	<b>Where is your main place of work</b>
<b>a</b>	Suburb/place name...
<b>b</b>	Town/municipality/district.....
<b>c</b>	Province.....

#### 1.2 Note to users

The questions in this section apply to the economically active who have to travel to and from work. This question records the destinations of work trips.

#### 1.3 Universe

All workers aged 15 years and above, who travel to work.

#### 1.4 *Place of work (Q61workloc)*

@32-35 (4)

Valid range: 1001 – 9040

Unspecified: 9999

### 2. Departure time

#### 2.1 Questionnaire question

At what time do you usually leave to go there?
--

#### 2.2 Note to users

This question records the departure time to work.

#### 2.3 Universe

All workers aged 15 years and above, who travel to work.

#### 2.4 *Departure time (Q62deptime)*

@36-39 (4)

Valid range: 0100 – 2400

Unspecified: 9999

### 3. Arrival time

#### 3.1 Questionnaire question

At what time do you usually get there?
--

### 3.2 Note to users

This question records the arrival time at work. Travel times can be calculated using the departure and arrival time of workers.

### 3.3 Universe

All workers aged 15 years and above, who travel to work.

### 3.4 Arrival time (Q63artime)

@40-43 (4)

Valid range: 0100 – 2430

Unspecified: 9999

## 4. Walk to work

### 4.1 Questionnaire question

Do you usually walk all the way?

1 = YES GO TO Q6.20

2 = NO

### 4.2 Note to users

This question records the number of workers who walk all the way to work. These respondents are excluded from further questioning with regards to travels involving more than one mode.

### 4.3 Universe

All workers aged 15 years and above who travel to work.

### 4.4 Walk to work (Q64walk)

@44 (1)

1 = Yes

2 = No

9 = Unspecified

## 5. Cycle to work

### 5.1 Questionnaire question

Do you usually cycle all the way?

1 = YES GO TO Q6.20

2 = NO

### 5.2 Note to users

This question records the number of workers who cycle all the way to work. These respondents are excluded from further questioning with regards to travels involving more than one mode.

### 5.3 Universe

All workers aged 15 years and above who travel to work. Excluding those who walk all the way.

### 5.4 *Cycle to work (Q65cycle)* @45 (1)

- 1 = Yes
- 2 = No
- 8 = Not applicable
- 9 = Unspecified

## 6. Drive to work

### 6.1 Questionnaire question

Do you usually drive all the way to work? (*Not as a passenger*)

- 1 = YES
- 2 = NO     **Go to Q6.11**

### 6.2 Note to users

This question records the number of workers who drive all the way to work. These respondents are excluded from further questioning with regards to travels involving more than one mode.

### 6.3 Universe

All workers aged 15 years and above who travel to work (excluding those who walk or cycle all the way).

### 6.4 *Drive to work (Q66drive)* @46 (1)

- 1 = Yes
- 2 = No
- 8 = Not applicable
- 9 = Unspecified

## 7. Vehicles driven to work

### 7.1 Questionnaire question

Which of the following vehicles do you usually drive to work?  
**Mark one**

- 1 = Truck/Lorry
- 2 = Car/Bakkie
- 3 = Motorcycle/Scooter

## 7.2 Note to users

This question records the type of vehicles driven all the way to work.

## 7.3 Universe

All workers aged 15 years and above, who drive to work.

## 7.4 Vehicles driven to work (Q67vhcle)

@47 (1)

- 1 = Truck/Lorry
- 2 = Car/Bakkie
- 3 = Motorcycle/Scooter
- 8 = Not applicable
- 9 = Unspecified

## 8. Need vehicle for work purposes

### 8.1 Questionnaire question

6.8	<p><b>Do you regularly need your vehicle at work for work purposes?</b></p> <p>1 = YES</p> <p>2 = NO</p>
-----	--

## 8.2 Note to users

This question determines whether workers use their vehicles in the line of duty. Trips taken for work purposes are excluded from this survey. The focus is rather on trips undertaken to get to a work starting point, such as the main office.

## 8.3 Universe

All workers aged 15 years and above, who drive to work.

## 8.4 Need vehicle for work purposes (Q68vhwork)

@48 (1)

- 1 = Yes
- 2 = No
- 8 = Not applicable
- 9 = Unspecified

## 9. Passenger pick-up/ drop-off on way to work

### 9.1 Questionnaire question

<p><b>Do you have to drop/pick up passengers on your way to work?</b></p> <p>1 = YES</p> <p>2 = No</p>
--

## 9.2 Note to users

This question records whether workers driving all the way, drop or pick up passengers on his/her way to work.

## 9.3 Universe

All workers aged 15 years and above, who drive to work.

## 9.4 *Passengers on way to work (Q69lifftowork)*

@49 (1)

- 1 = Yes
- 2 = No
- 8 = Not applicable
- 9 = Unspecified

## 10. Passenger pick-up/ drop-off on way back home

### 10.1 Questionnaire question

Do you have to drop/pick up passengers on your way back home?

- 1 = YES
- 2 = No

Go to Q6.20

## 10.2 Note to users

This question records whether workers driving all the way, drop or pick up passengers on his/her way back home.

## 10.3 Universe

All workers aged 15 years and above, who drive to work.

## 10.4 *Passengers back home (Q610lifthome)*

@50 (1)

- 1 = Yes
- 2 = No
- 8 = Not applicable
- 9 = Unspecified

## 11. Transfers

### 11.1 Questionnaire question

Do you change transport on the way to work?

- 1 = YES
- 2 = No

(E.G. TRAIN-TO-TRAIN, BUS-TO-TRAIN)

## 11.2 Note to users

This question records the number of workers who have to use more than one travel mode to work.

### 11.3 Universe

All workers aged 15 years and above who do not drive all the way to work.

### 11.4 Transfers (Q611transfer)

@51 (1)

- 1 = Yes
- 2 = No
- 8 = Not applicable
- 9 = Unspecified

## 12. Type of transport to work

### 12.1 Questionnaire question

6.12	<b>How do you usually get there? Mark all types of transport in the order in which they were taken, but exclude walks</b>  01 = TRAIN 02 = BUS 03 = METERED TAXI 04 = MINI BUS TAXI 05 = SEDAN TAXI 06 = BAKKIE TAXI 07 = CAR/BAKKIE <u>PASSENGER</u> 08 = TRUCK/LORRY <u>PASSENGER</u> 09 = COMPANY TRANSPORT 10 = TRUCK/LORRY <u>DRIVER</u> 11 = CAR/BAKKIE <u>DRIVER</u> 12 = MOTORCYCLE/SCOOTER 13 = TRACTOR/TRAILER 14 = BICYCLE 15 = ANIMAL TRANSPORT 16 = OTHER, SPECIFY IN COLUMN
------	--

### 12.2 Note to users

This question records the number of transfers and the sequence in which travel modes are taken to work. Walks to the various modes of transport are excluded.

### 12.3 Universe

All workers aged 15 years and above, who use at least one mode of public transport to work or travel with private transport as passengers.

### 12.4 First transport (Q612mode1)

@52-53 (2)

- 01 = TRAIN
- 02 = BUS
- 03 = METERED TAXI
- 04 = MINI BUS TAXI
- 05 = SEDAN TAXI
- 06 = BAKKIE TAXI
- 07 = CAR/BAKKIE PASSENGER

- 08 = TRUCK/LORRY PASSENGER
- 09 = COMPANY TRANSPORT
- 10 = TRUCK/LORRY DRIVER
- 11 = CAR/BAKKIE DRIVER
- 12 = MOTORCYCLE/SCOOTER
- 13 = TRACTOR/TRAILER
- 14 = BICYCLE
- 15 = ANIMAL TRANSPORT
- 16 = OTHER, SPECIFY IN COLUMN
- 88 = NOT APPLICABLE
- 99 = UNSPECIFIED

**12.5 Second transport (Q61mode2)**

**@54-55 (2)**

- 01 = TRAIN
- 02 = BUS
- 03 = METERED TAXI
- 04 = MINI BUS TAXI
- 05 = SEDAN TAXI
- 06 = BAKKIE TAXI
- 07 = CAR/BAKKIE PASSENGER
- 08 = TRUCK/LORRY PASSENGER
- 09 = COMPANY TRANSPORT
- 10 = TRUCK/LORRY DRIVER
- 11 = CAR/BAKKIE DRIVER
- 12 = MOTORCYCLE/SCOOTER
- 13 = TRACTOR/TRAILER
- 14 = BICYCLE
- 15 = ANIMAL TRANSPORT
- 16 = OTHER, SPECIFY IN COLUMN
- 88 = NOT APPLICABLE
- 99 = UNSPECIFIED

**12.6 Third transport (Q612mode3)**

**@56-57 (2)**

- 01 = TRAIN
- 02 = BUS
- 03 = METERED TAXI
- 04 = MINI BUS TAXI
- 05 = SEDAN TAXI
- 06 = BAKKIE TAXI
- 07 = CAR/BAKKIE PASSENGER
- 08 = TRUCK/LORRY PASSENGER
- 09 = COMPANY TRANSPORT
- 10 = TRUCK/LORRY DRIVER
- 11 = CAR/BAKKIE DRIVER
- 12 = MOTORCYCLE/SCOOTER
- 13 = TRACTOR/TRAILER
- 14 = BICYCLE
- 15 = ANIMAL TRANSPORT
- 16 = OTHER, SPECIFY IN COLUMN
- 88 = NOT APPLICABLE
- 99 = UNSPECIFIED

## 12.7 *Fourth transport (Q612mode4)*

@58-59 (2)

- 01 = TRAIN
- 02 = BUS
- 03 = METERED TAXI
- 04 = MINI BUS TAXI
- 05 = SEDAN TAXI
- 06 = BAKKIE TAXI
- 07 = CAR/BAKKIE PASSENGER
- 08 = TRUCK/LORRY PASSENGER
- 09 = COMPANY TRANSPORT
- 10 = TRUCK/LORRY DRIVER
- 11 = CAR/BAKKIE DRIVER
- 12 = MOTORCYCLE/SCOOTER
- 13 = TRACTOR/TRAILER
- 14 = BICYCLE
- 15 = ANIMAL TRANSPORT
- 16 = OTHER, SPECIFY IN COLUMN
- 88 = NOT APPLICABLE
- 99 = UNSPECIFIED

## 13. **Cost of transport to work**

### 13.1 Questionnaire question

How much does it cost you for the..... (mode)?
--

### 13.2 Note to users

Travel cost is calculated by recording the cost of each mode to work.

### 13.3 Universe

All workers aged 15 years and above, who use at least one mode of public transport to work or travel with private transport as passengers.

### 13.4 *Cost: First transport (Q613cost1)*

@60-64 (5)

Valid range: 00000 - 90000  
Not applicable: 88888  
Unspecified: 99999

### 13.5 *Cost: Second transport (Q613cost2)*

@65-69 (5)

Valid range: 00000 - 90450  
Not applicable: 88888  
Unspecified: 99999

### 13.6 *Cost: Third transport (Q613cost3)*

@70-74 (5)

Valid range: 00000 - 80000  
Not applicable: 88888  
Unspecified: 99999

### **13.7 Cost: Fourth transport (Q613cost4)**

**@75-79 (5)**

Valid range: 00300 - 10000

Not applicable: 88888

Unspecified: 99999

## **14. Unit cost**

### **14.1 Questionnaire question**

**Is that...?**

1 = Per single trip

2 = Per return trip

3 = Per week

4 = Per Month

5 = Not applicable (I do not pay)

### **14.2 Note to users**

This question classify the cost of travel for each mode as asked in the previous question, as cost per single trip, per return trip, per week or per month.

### **14.3 Universe**

All workers aged 15 years and above, who use at least one mode of public transport to work or travel with private transport as passengers.

### **14.4 Unit cost: First transport (Q614unit1)**

**@80 (1)**

1 = Per single trip

2 = Per return trip

3 = Per week

4 = Per Month

5 = Not applicable (I do not pay)

8 = Not applicable

9 = Unspecified

### **14.5 Unit cost: Second transport (Q614unit2)**

**@81 (1)**

1 = Per single trip

2 = Per return trip

3 = Per week

4 = Per Month

5 = Not applicable (I do not pay)

8 = Not applicable

9 = Unspecified

### **14.6 Unit cost: Third transport (Q614unit3)**

**@82 (1)**

1 = Per single trip

2 = Per return trip

3 = Per week

4 = Per Month

- 5 = Not applicable (I do not pay)
- 8 = Not applicable
- 9 = Unspecified

**14.7 Unit cost: Fourth transport (Q614unit4)**

**@83 (1)**

- 1 = Per single trip
- 2 = Per return trip
- 3 = Per week
- 4 = Per Month
- 5 = Not applicable (I do not pay)
- 8 = Not applicable
- 9 = Unspecified

**15. Transport allowances received**

**15.1 Questionnaire question**

<b>Does your employer give you cash or public transport tickets for your travel to and from work?</b>	
1 = YES	
2 = No	<b>Go to Q6.17</b>

**15.2 Note to users**

The aim of this question is to record the number of workers who receive transport subsidies from their employers in the form of cash or public transport tickets.

**15.3 Universe**

All workers aged 15 years and above, who use at least one mode of public transport to work or travel with private transport as passengers.

**15.4 Transport allowance received (Q615allow)**

**@84 (1)**

- 1 = Yes
- 2 = No
- 8 = Not applicable
- 9 = Unspecified

**16. Monetary value of transport allowances**

**16.1 Questionnaire question**

<b>How much is this worth to you per month?</b>	<b>RAND</b>
---	-------------

**16.2 Note to users**

The transport subsidy received from employers is quantified into a monetary value.

**16.3 Universe**

All workers aged 15 years and above who receive transport allowance from the employer.

#### **16.4 Monetary value of transport allowance (Q616value)**

**@85-88 (4)**

Valid range: 0000 - 8230

Not applicable: 8888

Unspecified: 9999

#### **17. Walking time to first transport**

##### **17.1 Questionnaire question**

How many minutes do you usually walk from here to your first transport?

##### **17.2 Note to users**

This question determines the accessibility of modes of transport on the way to work and can form part of the calculation of travel time. This question specifically focuses on the walking time to the first mode of transport.

##### **17.3 Universe**

All workers aged 15 years and above, who use at least one mode of public transport to work or travel with private transport as passengers.

#### **17.4 Walking time to first transport (Q617walkstart)**

**@89-91 (3)**

Valid range: 000 - 150

Not applicable: 888

Unspecified: 999

#### **18. Waiting time for first transport**

##### **18.1 Questionnaire question**

How many minutes do you usually wait for the first transport?

##### **18.2 Note to users**

This question determines the availability of modes of transport on the way to work and can form part of the calculation of travel time. This question specifically focuses on the time that workers have to wait for their first mode of transport to arrive.

##### **18.3 Universe**

All workers aged 15 years and above, who use at least one mode of public transport to work or travel with private transport as passengers.

#### **18.4 Waiting time for first transport (Q618wait)**

**@92-94 (3)**

Valid range: 000 - 151

Not applicable: 888

Unspecified: 999

## 19. Walking time at the end of the trip

### 19.1 Questionnaire question

How many minutes do you usually walk at the end of the trip to reach your work place?

### 19.2 Note to users

The aim of this question is to record how long it takes workers to walk from their last drop-off point to work. This can form part of the travel time calculation.

### 19.3 Universe

All workers aged 15 years and above, who use at least one mode of public transport to work or travel with private transport as passengers.

### 19.4 *Walking time at the end of the trip (Q619walkend)* @95-97 (3)

Valid range: 000 - 300

Not applicable: 888

Unspecified: 999

## 20 Other workers in the household

### 20.1 Questionnaire question

Are there any other workers in the household?

1 = YES      GO TO NEXT WORKER

2 = NO      GO TO SECTION 7

### 20.2 Note to users

This is a screening question to identify other workers in the household which should be included for interviewing.

### 20.3 Universe

All the workers aged 15 years and above, in the selected household.

### 20.4 *Other workers in the household (Q620work)* @98 (1)

1 = Yes

2 = No

9 = Unspecified

## 21. *Weight (Weight)* @99-106 (8.4)

## **D. Derived/ calculated variables**

### **1. Main mode to work (*Mainmode*)**

**@107-114(8)**

This is the travel mode that workers use for the longest part of their trip to work.

- 1 = Train
- 2 = Bus
- 3 = Metered taxi
- 4 = Minibus taxi
- 5 = Sedan taxi
- 6 = Bakkie taxi
- 7 = Truck driver
- 8 = Car driver
- 9 = Motorcycle
- 10 = Company transport
- 11 = Car passenger
- 12 = Truck passenger
- 13 = Tractor/trailer
- 14 = Animal transport
- 15 = Cycle
- 16 = Walk
- 17 = Other

### **2. Classification (*Newclass*)**

**@115-122(8)**

The settlement area in which the household is situated

- 1 = Metropolitan
- 2 = Urban
- 3 = Rural

### **3. Metropolitan/ District municipality (*District*)**

**@123-130 (8)**

The municipal district in which the household is situated

- 11 = West Coast
- 12 = Boland
- 13 = Overberg
- 14 = South Coast
- 15 = Central Karoo
- 16 = Cape Town Metro
- 21 = Cacadu
- 22 = Nelson Mandela Metro
- 23 = Chris Hani
- 24 = Ukhahlamba
- 25 = Alfred Nzo
- 26 = OR Tambo
- 27 = Amatole
- 31 = Kgalagadi
- 32 = Frances Baard
- 33 = Namaqua
- 34 = Karoo
- 35 = Siyanda
- 41 = Xhariep

42 = Motheo  
 43 = Lejweleputswa  
 44 = Thabo Mofutsanyane  
 45 = Northern Free State  
 50 = Sisonke  
 51 = Uthukela  
 52 = Ugu  
 53 = Umgugundlovu  
 54 = Ethekwini Metro  
 55 = Zululand  
 56 = Umkhanyakude  
 57 = Uthungulu  
 58 = Umzinyathi  
 59 = Amajuba  
 60 = Ilembe  
 61 = Bojanala  
 62 = Central  
 63 = Bophirima  
 64 = Southern  
 71 = Sedibeng  
 72 = Johannesburg Metro  
 73 = Ekurhuleni Metro  
 74 = West Rand  
 75 = Tshwane Metro  
 76 = Metsweding  
 81 = Gert Sibande  
 82 = Nkangala  
 83 = Ehlandzeni  
 91 = Sekhukhune CB  
 92 = Bohlabela  
 93 = Mopani  
 94 = Vhembe  
 95 = Capricorn  
 96 = Waterberg

**4. Personal income per month (Persincome)**

**@131-138(8)**

Monthly person income

Valid range: 44 – 47 000  
 Questionable information: 888888  
 Refused: 999999

**5. Total monthly travel cost(Totcost)**

**@139-146(8)**

Total monthly travel cost for all public transport modes

Valid range: 0 – 1 100  
 Not applicable: 888888  
 Questionable information: 999999

**6. Proportion of income spent on transport (Percent)**

**@147-154(8)**

The total monthly travel cost as a proportion of the monthly income of the individual.

Valid range: 0 – 68

Questionable information: 888888

**7. Work district (Wdistrict)**

**@155-162(8)**

Destination district of work trips.

Codes the same as district.

## DATA FILE: ATTITUDES TOWARDS TRANSPORT SERVICE

### A. Sampling/derived variables

**1. Enumeration Area Primary Sampling Unit (EAPSU) @1-12 (12)**

For sampling purposes the Census 2001 Enumeration Areas (EA's) were used to compile Primary Sampling Units (PSU's). Three hundred and forty two national Travel Analysis Zones (TAZs) were identified. These were overlaid with the Census 2001 EA's and a total of 5041 EA's were selected. Each TAZ was allocated a particular number of EA's proportional to its relative size, in terms of the Census-enumerated dwelling unit count. These EA's formed the Primary Sampling Units (PSU's).

**2. Dwelling number (Dwellnr) @13-16 (4)**

These are the numbers assigned to the Dwelling Units sampled from the PSU's.

**3. Household number (Hhnr) @17-18 (2)**

These are the numbers assigned to the various households sampled from the Dwelling Units

**4. Person number (PersonNr) @19-20 (2)**

Person (respondent) number within Household  
Valid range: 1 – 28 (2 digits)

**5. South African Provinces (Prov) @21 (1)**

Valid range: 1 – 9

- 1 = Western Cape
- 2 = Eastern Cape
- 3 = Northern Cape
- 4 = Free State
- 5 = KwaZulu-Natal
- 6 = North West
- 7 = Gauteng
- 8 = Mpumalanga
- 9 = Limpopo

**6. Travel Analysis Zone number (TAZnr) @22-25 (4)**

The National Department of Transport identified 342 National Travel Zones (TAZs) through consultation with different transport authorities throughout the country. The whole country is divided into TAZs. These TAZs are based along the district municipality and provincial boundaries. However, there are instances where the TAZs cut across provincial boundaries.

## B. Questionnaire flap variables

### 1. Nights spent in the household home

#### 1.1 Questionnaire question

Has ..... stayed here (in this household) for at least four nights on average per week during the last four weeks?

1 = YES

2 = NO → *END OF QUESTIONS FOR THIS PERSON*

#### 1.2 Note to users

This question is asked for each person found in the selected dwelling. Only those individuals who have stayed in the dwelling for at least four nights on average per week during the last four weeks will be selected for interviewing.

#### 1.3 Universe

Every person who normally resides in this household at least four nights a week.

#### 1.4 *Stayed Nights (B\_4Night)* @26 (1)

1 = Yes

2 = No

### 2. Gender

#### 2.1 Questionnaire question

Is ..... a male or a female?

1 = MALE

2 = FEMALE

#### 2.2 Note to users

Gender is recorded for all selected household members. The enumerators have been instructed to ask this question to household members and to not record it on own accord.

#### 2.3 Universe

Every person who normally resides in this household at least four nights a week.

#### 2.4 *Gender (C\_Gender)* @27 (1)

1 = Male

2 = Female

9 = Unspecified

### 3. Age

#### 3.1 Questionnaire question

<b>How old is .....? (In figures only)</b> <i>Less than 1 year = 00.</i>
--

#### 3.2 Note to users

The age of selected household members are recorded in this question. The answers were written numerically and were to be recorded in whole numbers. Age was to be completed in completed years. Is someone is thus two years and six months it should have been recorded as 2 years. For those children who are less than a year, the instruction is to write 00.

#### 3.3 Universe

Every person who normally resides in this household at least four nights a week.

#### 3.4 Age (D\_Age)

**@28-30 (3)**

*Less than 1 year = 0*

Valid range: 0 – 129

Unspecified: 999

### 4. Race

#### 4.1 Questionnaire question

<b>What population group does ..... belong to?</b>
--

1 = AFRICAN/BLACK

2 = COLOURED

3 = INDIAN/ASIAN

4 = WHITE

5 = OTHER, SPECIFY

#### 4.2 Note to users

The population group of selected household members is recorded here. The enumerators have been instructed to ask this question to household members and to not record it on own accord.

#### 4.3 Universe

Every person who normally resides in this household at least four nights a week.

#### 4.4 Race (E\_Race)

**@31 (1)**

1 = African/Black

2 = Coloured

3 = Indian/Asian

4 = White

5 = Other (specify)

9 = Unspecified

## C. Questionnaire Section 7 variables

### 1. Important aspects when travelling

#### 1.1 Questionnaire question

When traveling, what is most important to you?

*(Showcard)*

- 1 = Travel time
- 2 = Travel cost
- 3 = Safety from accidents
- 4 = Security from crime
- 5 = Flexibility (you can travel wherever you want, whenever you want)
- 6 = Driver's attitude
- 7 = Closeness of transport to home
- 8 = Something else, specify

#### 1.2 Note to users

The aim of this question is to identify those aspects people find MOST important when travelling. It is assumed that these aspects will determine the mode of transport that people choose to use, given its availability as an option. The instruction to the enumerator is for the respondent to choose only one category in the question. Any other options not listed can be recorder under "something else".

#### 1.3 Universe

Only the selected adult aged 15 years and above, who is answering the questions.

#### 1.4 *Important aspects (Q71factor)*

@32 (1)

- 1 = Travel time
- 2 = Travel cost
- 3 = Safety from accidents
- 4 = Security from crime
- 5 = Flexibility (you can travel wherever you want, whenever you want)
- 6 = Driver's attitude
- 7 = Closeness of transport to home
- 8 = Something else, specify
- 9 = Unspecified

### 2. Use of train in the past month

#### 2.1 Questionnaire question

Have you used a train in the past month?

- 1 = YES    **Go to Q7.4**
- 2 = No

## 2.2 Note to users

This is a screening question in order to identify train users to be included for interviewing regarding train services.

## 2.3 Universe

All selected adults aged 15 years and above.

## 2.4 Used train in the past month (Q72usetrain) @33 (1)

- 1 = YES
- 2 = NO
- 9 = Unspecified

## 3. Reasons for not using the train in the past month

### 3.1 Questionnaire question

#### Why did you not use the train in the past month?

- 01 = NO TRAIN AVAILABLE AT ALL
- 02 = TRAIN NOT AVAILABLE OFTEN ENOUGH
- 03 = TRAIN NOT AVAILABLE AT THE RIGHT TIMES
- 04 = TRAIN TOO EXPENSIVE
- 05 = TOO MUCH CRIME (TOO DANGEROUS)
- 06 = TRAVEL TIME TOO LONG/ TOO SLOW
- 07 = TRAINS TOO CROWDED
- 08 = TRAINS ALWAYS LATE
- 09 = TRAINS DON'T GO WHERE NEEDED
- 10 = STATION TOO FAR FROM HOME
- 11 = STATION TOO FAR FROM DESTINATION
- 12 = HAVE TO CHANGE TRANSPORT (TRANSFER)
- 13 = NO KNOWLEDGE OF TIMETABLE AND ROUTES
- 14 = PREFER PRIVATE TRANSPORT
- 15 = PREFER TAXI
- 16 = PREFER BUS
- 17 = CAN WALK
- 18 = DON'T TRAVEL MUCH
- 19 = OTHER, SPECIFY.....  
..... **Go to Q7.5**

### 3.2 Note to users

The aim of this question is to identify reasons for why respondents did NOT use the train in the past month. Respondents can provide the two main reasons for why they did not use the train in the past month. The instruction to the enumerator is to ascertain that each of the given categories is clearly marked. Other reasons not listed can be recorded under "Other"

### 3.3 Universe

All selected adults aged 15 years and above who did not use a train in the past month.

### 3.4 *First reason (Q73treas1)*

@34-35 (2)

- 01 = No train available at all
- 02 = Train not available often enough
- 03 = Train not available at the right times
- 04 = Train too expensive
- 05 = Too much crime (Too dangerous)
- 06 = Travel time too long/ too slow
- 07 = Trains too crowded
- 08 = Trains always late
- 09 = trains don't go where needed
- 10 = Station too far from home
- 11 = Station too far from destination
- 12 = Have to change transport (transfer)
- 13 = No knowledge of timetable and routes
- 14 = Prefer private transport
- 15 = Prefer Taxi
- 16 = Prefer Bus
- 17 = Can walk
- 18 = Don't travel much
- 19 = Other, Specify
- 88 = Not applicable
- 99 = Unspecified

### 3.5 *Second reason (Q73treas2)*

@36-37 (2)

- 01 = No train available at all
- 02 = Train not available often enough
- 03 = Train not available at the right times
- 04 = Train too expensive
- 05 = Too much crime (Too dangerous)
- 06 = Travel time too long/ too slow
- 07 = Trains too crowded
- 08 = Trains always late
- 09 = trains don't go where needed
- 10 = Station too far from home
- 11 = Station too far from destination
- 12 = Have to change transport (transfer)
- 13 = No knowledge of timetable and routes
- 14 = Prefer private transport
- 15 = Prefer Taxi
- 16 = Prefer Bus
- 17 = Can walk
- 18 = Don't travel much
- 19 = Other, Specify
- 88 = Not applicable
- 99 = Unspecified

#### 4. Level of satisfaction towards train service

##### 4.1 Questionnaire question

How satisfied or dissatisfied are you with the following aspects of the train service? (Use showcard)					
	VERY SATISFIED	SATIESFIED	DISSAFISFIED	VERY DISSATISFIED	DON'T KNOW
A) THE DISTANCE BETWEEN THE TRAIN STATION AND YOUR HOME	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	
B) THE TRAVEL TIME BY TRAIN	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	
C) SECURITY ON THE WALK TO/FROM THE STATION	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	
D) SECURITY AT STATIONS	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	
E) SECURITY ON THE TRAIN	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	
F) THE LEVEL OF CROWDING IN THE TRAIN	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	
G) SAFETY FROM ACCIDENTS	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	
H) THE FREQUENCY OF TRAINS DURING PEAK PERIOD	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5
I) THE FREQUENCY OF TRAINS DURING OFF-PEAK PERIOD	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5
J) THE PUNCTUALITY OF TRAINS	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	
K) THE TRAIN FARES	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	
L) THE FACILITIES AT THE STATIONS E.G TOILETS, OFFICES	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	
M) THE TRAIN SERVICE OVERALL	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	

##### 4.2 Note to users

The level of satisfaction with train services are recorded in this question. Respondents who used the train in the past month had to indicate their satisfaction with regards to each of the aspects listed in the question.

##### 4.3 Universe

All selected adults aged 15 years and above who used a train in the past month.

##### 4.4 *The distance between the train station and your home (Q74trdist)*

@38 (1)

- 1 = Very satisfied
- 2 = Satisfied
- 3 = Dissatisfied
- 4 = Very dissatisfied
- 8 = Not applicable
- 9 = Unspecified

##### 4.5 *The travel time by train (Q74trtrav)*

@39 (1)

- 1 = Very satisfied
- 2 = Satisfied
- 3 = Dissatisfied
- 4 = Very dissatisfied
- 8 = Not applicable
- 9 = Unspecified

**4.6 Security on the walk to/from the station (Q74trsecuwalk) @40 (1)**

- 1 = Very satisfied
- 2 = Satisfied
- 3 = Dissatisfied
- 4 = Very dissatisfied
- 8 = Not applicable
- 9 = Unspecified

**4.7 Security at stations (Q74trsecust) @41 (1)**

- 1 = Very satisfied
- 2 = Satisfied
- 3 = Dissatisfied
- 4 = Very dissatisfied
- 8 = Not applicable
- 9 = Unspecified

**4.8 Security on the train (Q74trsecutr) @42 (1)**

- 1 = Very satisfied
- 2 = Satisfied
- 3 = Dissatisfied
- 4 = Very dissatisfied
- 8 = Not applicable
- 9 = Unspecified

**4.9 The level of crowding in the train (Q74trcrowd) @43 (1)**

- 1 = Very satisfied
- 2 = Satisfied
- 3 = Dissatisfied
- 4 = Very dissatisfied
- 8 = Not applicable
- 9 = Unspecified

**4.10 Safety from accidents (Q74tracci) @44 (1)**

- 1 = Very satisfied
- 2 = Satisfied
- 3 = Dissatisfied
- 4 = Very dissatisfied
- 8 = Not applicable
- 9 = Unspecified

**4.11 The frequency of trains during peak period (Q74trpfreq) @45 (1)**

- 1 = Very satisfied
- 2 = Satisfied
- 3 = Dissatisfied
- 4 = Very dissatisfied
- 5 = Don't know
- 8 = Not applicable
- 9 = Unspecified

**4.12 The frequency of trains during off- peak period (Q74tropfreq) @46 (1)**

- 1 = Very satisfied
- 2 = Satisfied
- 3 = Dissatisfied
- 4 = Very dissatisfied
- 5 = Don't know
- 8 = Not applicable
- 9 = Unspecified

**4.13 The punctuality of trains (Q74trpunc) @47 (1)**

- 1 = Very satisfied
- 2 = Satisfied
- 3 = Dissatisfied
- 4 = Very dissatisfied
- 8 = Not applicable
- 9 = Unspecified

**4.14 The train fares (Q74trcost) @48 (1)**

- 1 = Very satisfied
- 2 = Satisfied
- 3 = Dissatisfied
- 4 = Very dissatisfied
- 8 = Not applicable
- 9 = Unspecified

**4.15 The facilities at the stations e.g. toilets, offices (Q74trfaci) @49 (1)**

- 1 = Very satisfied
- 2 = Satisfied
- 3 = Dissatisfied
- 4 = Very dissatisfied
- 8 = Not applicable
- 9 = Unspecified

**4.16 The train service overall (Q74train) @50 (1)**

- 1 = Very satisfied
- 2 = Satisfied
- 3 = Dissatisfied
- 4 = Very dissatisfied
- 8 = Not applicable
- 9 = Unspecified

**5. Use of bus in the past month**

**5.1 Questionnaire question**

**Have you used the bus in the past month?**

1 = YES

*Go to Q 7.7*

2 = No

## 5.2 Note to users

This is a screening question in order to identify bus users to be included for interviewing regarding bus services.

## 5.3 Universe

All selected adults aged 15 years and above.

## 5.4 Use of bus in the past month (Q75usebus) @51 (1)

1 = YES

2 = NO

9 = Unspecified

## 6. Reasons for not using the bus in the past month

### 6.1 Questionnaire question

**Why did you not use the bus in the past month?**

01 = NO BUS AVAILABLE AT ALL

02 = BUS NOT AVAILABLE OFTEN ENOUGH

03 = BUS NOT AVAILABLE AT THE RIGHT TIMES

04 = BUS TOO EXPENSIVE

05 = TOO MUCH CRIME (TOO DANGEROUS)

06 = TRAVEL TIME TOO LONG /TOO SLOW

07 = BUSES TOO CROWDED

08 = BUSES ALWAYS LATE

09 = BUSES DO NOT GO WHERE NEEDED

10 = BUS STOP TOO FAR FROM HOME

11 = BUS STOP TOO FAR FROM DESTINATION

12 = HAVE TO CHANGE TRANSPORT

13 = NO KNOWLEDGE OF TIMETABLE AND ROUTES

14 = PREFER PRIVATE TRANSPORT

15 = PREFER TAXI

16 = PREFER TRAIN

17 = CAN WALK

18 = DON'T TRAVEL MUCH

19 = TOO MANY ACCIDENTS

20 = OTHER , SPECIFY.....

**Go to Q7.8**

### 6.2 Note to users

The aim of this question is to identify reasons for why respondents did NOT use the bus in the past month. Respondents can provide the two main reasons for why they did not use the bus in the past month. The instruction to the enumerator is to ascertain that each of the given categories is clearly marked. Other reasons not listed can be recorded under "Other"

### 6.3 Universe

All selected adults aged 15 years and above who did not use a bus in the past month.

### 6.4 *First reason (Q76breas1)*

@52-53 (2)

- 01 = NO BUS AVAILABLE AT ALL
- 02 = BUS NOT AVAILABLE OFTEN ENOUGH
- 03 = BUS NOT AVAILABLE AT THE RIGHT TIMES
- 04 = BUS TOO EXPENSIVE
- 05 = TOO MUCH CRIME (TOO DANGEROUS)
- 06 = TRAVEL TIME TOO LONG /TOO SLOW
- 07 = BUSES TOO CROWDED
- 08 = BUSES ALWAYS LATE
- 09 = BUSES DO NOT GO WHERE NEEDED
- 10 = BUS STOP TOO FAR FROM HOME
- 11 = BUS STOP TOO FAR FROM DESTINATION
- 12 = HAVE TO CHANGE TRANSPORT
- 13 = NO KNOWLEDGE OF TIMETABLE AND ROUTES
- 14 = PREFER PRIVATE TRANSPORT
- 15 = PREFER TAXI
- 16 = PREFER TRAIN
- 17 = CAN WALK
- 18 = DON'T TRAVEL MUCH
- 19 = TOO MANY ACCIDENTS
- 20 = OTHER , SPECIFY
- 88 = NOT APPLICABLE
- 99 = UNSPECIFIED

### 6.5 *Second reason (Q76breas2)*

@54-55 (2)

- 01 = NO BUS AVAILABLE AT ALL
- 02 = BUS NOT AVAILABLE OFTEN ENOUGH
- 03 = BUS NOT AVAILABLE AT THE RIGHT TIMES
- 04 = BUS TOO EXPENSIVE
- 05 = TOO MUCH CRIME (TOO DANGEROUS)
- 06 = TRAVEL TIME TOO LONG /TOO SLOW
- 07 = BUSES TOO CROWDED
- 08 = BUSES ALWAYS LATE
- 09 = BUSES DO NOT GO WHERE NEEDED
- 10 = BUS STOP TOO FAR FROM HOME
- 11 = BUS STOP TOO FAR FROM DESTINATION
- 12 = HAVE TO CHANGE TRANSPORT
- 13 = NO KNOWLEDGE OF TIMETABLE AND ROUTES
- 14 = PREFER PRIVATE TRANSPORT
- 15 = PREFER TAXI
- 16 = PREFER TRAIN
- 17 = CAN WALK
- 18 = DON'T TRAVEL MUCH
- 19 = TOO MANY ACCIDENTS
- 20 = OTHER , SPECIFY
- 88 = NOT APPLICABLE
- 99 = UNSPECIFIED

## 7. Level of satisfaction towards the bus service

### 7.1 Questionnaire question

How satisfied or dissatisfied are you with the following aspects of the bus service? (Use Showcard)					
	VERY SATISFIED	SATISFIED	DISSATISFIED	VERY DISSATISFIED	Don't Know
A) THE DISTANCE BETWEEN THE BUS STOP AND YOUR HOME	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	
B) THE TRAVEL TIME BY BUS	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	
C) SECURITY ON WALK TO/FROM THE BUS STOP	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	
D) SECURITY AT THE BUS STOPS	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	
E) SECURITY ON THE BUSES	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	
F) THE LEVEL OF CROWDING IN THE BUS	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	
G) SAFETY FROM ACCIDENTS	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	
H) THE FREQUENCY OF BUSES DURING PEAK PERIOD	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5
I) THE FREQUENCY OF BUSES DURING OFF-PEAK PERIOD	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5
J) THE PUNCTUALITY OF BUSES	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	
K) THE BUS FARES	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	
L) FACILITIES AT BUS STOPS E.G. SHELTERS	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	
M) BEHAVIOUR OF THE BUS DRIVERS TOWARDS PASSENGERS	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	
N) THE BUS SERVICE OVERALL	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	

### 7.2 Note to users

The level of satisfaction with bus services are recorded in this question. Respondents who used the bus in the past month had to indicate their satisfaction with regards to each of the aspects listed in the question.

### 7.3 Universe

All selected adults aged 15 years and above who used a bus in the past month.

### 7.4 *The distance between the bus stop and your home (Q77bdist)* @56 (1)

- 1 = Very satisfied
- 2 = Satisfied
- 3 = Dissatisfied
- 4 = Very dissatisfied
- 8 = Not applicable
- 9 = Not applicable

### 7.5 *The travel time by bus (Q77btrav)* @57 (1)

- 1 = Very satisfied
- 2 = Satisfied
- 3 = Dissatisfied
- 4 = Very dissatisfied
- 8 = Not applicable
- 9 = Not applicable

**7.6 Security on walk to/from the bus stop (Q77bsecwalk) @58 (1)**

- 1 = Very satisfied
- 2 = Satisfied
- 3 = Dissatisfied
- 4 = Very dissatisfied
- 8 = Not applicable
- 9 = Not applicable

**7.8 Security at the bus stops (Q77bsecstop) @59 (1)**

- 1 = Very satisfied
- 2 = Satisfied
- 3 = Dissatisfied
- 4 = Very dissatisfied
- 8 = Not applicable
- 9 = Not applicable

**7.9 Security on the buses (Q77bsecbus) @60 (1)**

- 1 = Very satisfied
- 2 = Satisfied
- 3 = Dissatisfied
- 4 = Very dissatisfied
- 8 = Not applicable
- 9 = Not applicable

**7.10 The level of crowding in the bus (Q77bcrowd) @61 (1)**

- 1 = Very satisfied
- 2 = Satisfied
- 3 = Dissatisfied
- 4 = Very dissatisfied
- 8 = Not applicable
- 9 = Not applicable

**7.11 Safety form accidents (Q77bacci) @62 (1)**

- 1 = Very satisfied
- 2 = Satisfied
- 3 = Dissatisfied
- 4 = Very dissatisfied
- 8 = Not applicable
- 9 = Not applicable

**7.12 The frequency of buses during peak period (Q77bpfreq) @63 (1)**

- 1 = Very satisfied
- 2 = Satisfied
- 3 = Dissatisfied
- 4 = Very dissatisfied
- 5 = Don't know
- 8 = Not applicable
- 9 = Not applicable

**7.13 The frequency of buses during off peak period (Q77bopfreq) @64 (1)**

- 1 = Very satisfied
- 2 = Satisfied
- 3 = Dissatisfied
- 4 = Very dissatisfied
- 5 = Don't know
- 8 = Not applicable
- 9 = Not applicable

**7.14 The punctuality of buses (Q77bpunc) @65 (1)**

- 1 = Very satisfied
- 2 = Satisfied
- 3 = Dissatisfied
- 4 = Very dissatisfied
- 8 = Not applicable
- 9 = Not applicable

**7.15 The bus fares (Q77bfare) @66 (1)**

- 1 = Very satisfied
- 2 = Satisfied
- 3 = Dissatisfied
- 4 = Very dissatisfied
- 8 = Not applicable
- 9 = Not applicable

**7.16 Facilities at bus stops e.g. shelters (Q77bfaci) @67 (1)**

- 1 = Very satisfied
- 2 = Satisfied
- 3 = Dissatisfied
- 4 = Very dissatisfied
- 8 = Not applicable
- 9 = Not applicable

**7.17 Behaviour of the bus drivers towards passengers (Q77busdriver) @68 (1)**

- 1 = Very satisfied
- 2 = Satisfied
- 3 = Dissatisfied
- 4 = Very dissatisfied
- 8 = Not applicable
- 9 = Not applicable

**7.18 The bus service overall (Q77bserv) @69 (1)**

- 1 = Very satisfied
- 2 = Satisfied
- 3 = Dissatisfied
- 4 = Very dissatisfied
- 8 = Not applicable
- 9 = Not applicable



## 9.2 Note to users

The aim of this question is to identify reasons for why respondents did NOT use a minibus taxi in the past month. Respondents can provide the two main reasons for why they did not use a minibus taxi in the past month. The instruction to the enumerator is to ascertain that each of the given categories is clearly marked. Other reasons not listed can be recorded under "Other"

## 9.3 Universe

All selected adults aged 15 years and above who did not use a minibus taxi in the past month.

## 9.4 First reason (Q791txireas1)

@71-72 (2)

- 01 = Taxis not available at all
- 02 = Taxis not available often enough
- 03 = Taxis not available at the right times
- 04 = Taxis too expensive
- 05 = Too much crime (Too dangerous)
- 06 = Taxis too crowded
- 07 = Taxis do not go where needed
- 08 = Prefer private transport
- 09 = Prefer train
- 10 = Prefer bus
- 11 = Can walk
- 12 = Don't travel much
- 13 = Can walk
- 14 = Too much violence/wars
- 15 = Have to pay cash
- 16 = Drivers are rude
- 17 = Taxis not roadworthy
- 18 = Other , Specify
- 88 = Not applicable
- 99 = Unspecified

## 9.5 Second reason (Q79txireas2)

@73-74 (2)

- 01 = Taxis not available at all
- 02 = Taxis not available often enough
- 03 = Taxis not available at the right times
- 04 = Taxis too expensive
- 05 = Too much crime (Too dangerous)
- 06 = Taxis too crowded
- 07 = Taxis do not go where needed
- 08 = Prefer private transport
- 09 = Prefer train
- 10 = Prefer bus
- 11 = Can walk
- 12 = Don't travel much
- 13 = Can walk
- 14 = Too much violence/wars
- 15 = Have to pay cash
- 16 = Drivers are rude
- 17 = Taxis not roadworthy

18 = Other, Specify  
 88 = Not applicable  
 99 = Unspecified

## 10. Level of satisfaction towards minibus-taxi service

### 10.1 Questionnaire question

How satisfied or dissatisfied are you with the following aspects of the bus service? (Use Showcard)					
	VERY SATISFIED	SATISFIED	DISSATISFIED	VERY DISSATISFIED	DON'T KNOW
a) The distance between the taxi rank/route and your home	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	
b) The travel time by taxi	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	
c) Security on walk to/from the taxi	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	
d) Security at the taxi ranks	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	
e) Security on taxis	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	
f) Safety from accidents	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	
g) Roadworthiness of taxis	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	
h) The waiting time for taxis	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5
i) The frequency of taxis during peak period	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5
j) The frequency of taxis during off-peak period	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	
k) The level of crowding in taxis	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	
l) The taxi fares	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	
m) Facilities at the taxi ranks	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5
n) Behaviour of the taxi drivers towards passengers	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	
O) The minibus taxi service overall	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	

### 10.2 Note to users

The level of satisfaction with minibus taxi services are recorded in this question. Respondents who used a minibus taxi in the past month had to indicate their satisfaction with regards to each of the aspects listed in the question.

### 10.3 Universe

All selected adults aged 15 years and above who use a minibus taxi in the past month.

### 10.4 *The distance between the taxi rank/route and your home (Q710txdist)* @75 (1)

- 1 = Very satisfied
- 2 = Satisfied
- 3 = Dissatisfied
- 4 = Very dissatisfied

9 = Unspecified

**10.5 The travel time by time (Q710txtrav) @76 (1)**

1 = Very satisfied  
2 = Satisfied  
3 = Dissatisfied  
4 = Very dissatisfied  
9 = Unspecified

**10.6 Security on the walk to/from the taxi (Q710txsecwalk) @77 (1)**

1 = Very satisfied  
2 = Satisfied  
3 = Dissatisfied  
4 = Very dissatisfied  
9 = Unspecified

**10.7 Security at the taxi ranks (Q710txsecrank) @78 (1)**

1 = Very satisfied  
2 = Satisfied  
3 = Dissatisfied  
4 = Very dissatisfied  
9 = Unspecified

**10.8 Security on taxis (Q710txsec) @79 (1)**

1 = Very satisfied  
2 = Satisfied  
3 = Dissatisfied  
4 = Very dissatisfied  
9 = Unspecified

**10.9 Safety from accidents (Q710txacci) @80 (1)**

1 = Very satisfied  
2 = Satisfied  
3 = Dissatisfied  
4 = Very dissatisfied  
9 = Unspecified

**10.10 Roadworthiness of taxis (Q710txrw) @81 (1)**

1 = Very satisfied  
2 = Satisfied  
3 = Dissatisfied  
4 = Very dissatisfied  
9 = Unspecified

**10.11 The waiting time for taxis (Q710txwait) @82 (1)**

1 = Very satisfied  
2 = Satisfied  
3 = Dissatisfied  
4 = Very dissatisfied

9 = Unspecified

**10.12 The frequency of taxis during peak periods (Q710txpfreq) @83 (1)**

- 1 = Very satisfied
- 2 = Satisfied
- 3 = Dissatisfied
- 4 = Very dissatisfied
- 5 = Don't know
- 9 = Unspecified

**10.13 The frequency of taxis during off- peak periods (Q710txopfreq) @84 (1)**

- 1 = Very satisfied
- 2 = Satisfied
- 3 = Dissatisfied
- 4 = Very dissatisfied
- 5 = Don't know
- 9 = Unspecified

**10.14 The level of crowding in the taxis (Q710txcrowd) @85 (1)**

- 1 = Very satisfied
- 2 = Satisfied
- 3 = Dissatisfied
- 4 = Very dissatisfied
- 9 = Unspecified

**10.15 The taxi fares (Q710txfare) @86 (1)**

- 1 = Very satisfied
- 2 = Satisfied
- 3 = Dissatisfied
- 4 = Very dissatisfied
- 9 = Unspecified

**10.16 The facilities at the taxi ranks (Q710txfaci) @87 (1)**

- 1 = Very satisfied
- 2 = Satisfied
- 3 = Dissatisfied
- 4 = Very dissatisfied
- 5 = Don't know
- 9 = Unspecified

**10.17 The behaviour of the taxi drivers towards passengers (Q710txdriver) @88 (1)**

- 1 = Very satisfied
- 2 = Satisfied
- 3 = Dissatisfied
- 4 = Very dissatisfied
- 9 = Unspecified

**10.18 The minibus taxi service overall (Q710taxi) @89 (1)**

- 1 = Very satisfied
- 2 = Satisfied
- 3 = Dissatisfied
- 4 = Very dissatisfied
- 9 = Unspecified

**11 Weight (weight) @90-97 (8.4)**

**D. Other derived/ calculated variables**

**1. Classification (Newclass) @98-105 (8)**

The settlement area in which the household is situated

- 1 = Metropolitan
- 2 = Urban
- 3 = Rural

**2. Metropolitan/ District municipality (District) @106-113 (8)**

The municipal district in which the household is situated

- 11 = West Coast
- 12 = Boland
- 13 = Overberg
- 14 = South Coast
- 15 = Central Karoo
- 16 = Cape Town Metro
- 21 = Cacadu
- 22 = Nelson Mandela Metro
- 23 = Chris Hani
- 24 = Ukhahlamba
- 25 = Alfred Nzo
- 26 = OR Tambo
- 27 = Amatole
- 31 = Kgalagadi
- 32 = Frances Baard
- 33 = Namaqua
- 34 = Karoo
- 35 = Siyanda
- 41 = Xhariep
- 42 = Motheo
- 43 = Lejweleputswa
- 44 = Thabo Mofutsanyane
- 45 = Northern Free State
- 50 = Sisonke
- 51 = Uthukela
- 52 = Ugu
- 53 = Umgugundlovu
- 54 = Ethekwini Metro
- 55 = Zululand
- 56 = Umkhanyakude

57 = Uthungulu  
58 = Umzinyathi  
59 = Amajuba  
60 = Ilembe  
61 = Bojanala  
62 = Central  
63 = Bophirima  
64 = Southern  
71 = Sedibeng  
72 = Johannesburg Metro  
73 = Ekurhuleni Metro  
74 = West Rand  
75 = Tshwane Metro  
76 = Metsweding  
81 = Gert Sibande  
82 = Nkangala  
83 = Ehlandzeni  
91 = Sekhukhune CB  
92 = Bohlabela  
93 = Mopani  
94 = Vhembe  
95 = Capricorn  
96 = Waterberg