

South Africa - National Household Travel Survey 2003

Statistics South Africa

Report generated on: January 27, 2017

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Overview

Identification

ID NUMBER

zaf-statssa-nhts-2003-v1

Version

VERSION DESCRIPTION

v1: Edited, anonymised data for licensed distribution

PRODUCTION DATE

2005

Overview

ABSTRACT

The National Household Travel Survey (NHTS) 2003 is the first round of the NHTS series designed to assess travel patterns and transport problems in the country. The NHTS collects data on general household characteristics, travel patterns of households, and attitudes about transport.

KIND OF DATA

Sample survey data [ssd]

UNITS OF ANALYSIS

Units of analysis in the survey were individuals and households

Scope

NOTES

Household: household characteristics, socio-economic circumstances of households.

Individual: demographic information (sex, age, race), travel patterns, and attitudes concerning transport

TOPICS

Topic	Vocabulary	URI
Transport	World Bank	

KEYWORDS

Travel, Transport

Coverage

GEOGRAPHIC COVERAGE

The survey had national coverage.

The lowest level of geographic aggregation for the data is province.

GEOGRAPHIC UNIT

Geographic breakdown of the data is by province and magisterial district, as well as urban, non-urban area.

UNIVERSE

The target population of the survey consists of all private households in all nine provinces of South Africa and residents in

workers' hostels. The survey does not cover other collective living quarters such as students' hostels, old-age homes, hospitals, prisons and military barracks.

Producers and Sponsors

PRIMARY INVESTIGATOR(S)

Name	Affiliation
Statistics South Africa	

FUNDING

Name	Abbreviation	Role
Statistics South Africa		

Metadata Production

METADATA PRODUCED BY

Name	Abbreviation	Affiliation	Role
DataFirst		University of Cape Town	Metadata Producer

DATE OF METADATA PRODUCTION

2016-11-08

DDI DOCUMENT VERSION

Version 2

DDI DOCUMENT ID

ddi-zaf-datafirst-nhts-2013-v1

Sampling

Sampling Procedure

The National Department of Transport (NDOT) identified 342 national Transport Analysis (TA) zones in consultation with provincial transport departments. From these TA zones, a sample of 50 000 households had to be interviewed in order to collect information about travel patterns and habits. Stats SA overlaid the analysis zones with the Census 2001 Enumerator Areas (EAs) to facilitate the sampling.

The sample design is outlined in the steps which follow:

- The 342 TA zones were overlaid with the Census 2001 Enumeration Areas. Each of the analysis zones will be treated as a reporting domain. Where possible, the zones were further stratified by geography type such as urban formal, urban informal, rural formal and tribal. Each zone was allocated a number of EA's proportional to its size using the enumerated "dwelling unit count" on the Stats SA books as a measure of size.
- The number of EAs allocated to each TA zone was determined using the number of dwelling units in the EAs as a measure of size. The power allocation method was used to determine the number of primary sampling units (PSUs) to be allocated per zone.
- Each PSU number consist of 12 digits, the first 8 representing the EA number and the last 4 the number of the PSU. Ten dwellings had to be enumerated in each of the 5 000 PSUs to arrive at the required sample of 50 000 households. This worked out to an average of 13.3 EAs per zone, based on 10 dwelling units per EA, assuming an equal allocation of EAs to the zone.
- Additional EAs were pooled where the selection criterion of a minimum number of 80 dwelling units per EA was not met, such as in farming areas in the Northern Cape. In this case, the extra EA was taken from the same township, suburb and area as the original EA.
- Once the dwelling units in each PSU were verified and the dwelling unit total was established, a sample of 10 dwelling units was selected from each PSU. Systematic sampling of EAs was used in all cases and equal probability systematic sampling was used to select the dwelling units that were enumerated in each of the EAs that was drawn. This allows for approximate selfweighting of the selected planning units within each of the zones.
- In each household, one person, aged 15 years or older was selected for an interview about their attitudes to transport services. Kish's grid for selection of individuals aged 15 years and older, was used to determine who would be required to complete the attitudinal section of the questionnaire.

Questionnaires

No content available

Data Collection

Data Collection Dates

Start	End	Cycle
2003-05-20	2003-06-26	N/A

Data Collection Mode

Face-to-face [f2f]

Data Processing

No content available

Data Appraisal

No content available

File Description

Variable List

nhts-2003-attitude-v1

Content

Cases 45355

Variable(s) 65

Structure Type:
Keys: ()

Version

Producer

Missing Data

Variables

ID	Name	Label	Type	Format	Question
V618	eapsu	selected psu	discrete	character	
V619	dwellnr	selected dwelling number	contin	numeric	
V620	hhnr	household number	discrete	numeric	
V621	personnr	person number	contin	numeric	
V622	prov	province	discrete	numeric	
V623	taznr	transport analysis zone number	discrete	numeric	
V624	b_4night	stayed four nights?	discrete	numeric	
V625	c_gender	gender	discrete	numeric	
V626	d_age	age	contin	numeric	
V627	e_race	race	discrete	numeric	
V628	q71facto	most important factor when travelling	discrete	numeric	
V629	q72usetr	use of train in past month	discrete	numeric	
V630	q73treas	first reason for not using train	discrete	numeric	
V631	q73tre_a	second reason for not using train	discrete	numeric	
V632	q74trdis	satisfaction with distance between home and station	discrete	numeric	
V633	q74trtra	satisfaction with travel time by train	discrete	numeric	
V634	q74trsec	satisfaction with security on walk to station	discrete	numeric	
V635	q74trs_a	satisfaction with security at stations	discrete	numeric	
V636	q74trs_b	satisfaction with security on trains	discrete	numeric	
V637	q74trcro	satisfaction with crowding on trains	discrete	numeric	
V638	q74tracc	satisfaction with safety from accidents (train)	discrete	numeric	
V639	q74trpfr	satisfaction with frequency of trains during peak	discrete	numeric	
V640	q74tropf	satisfaction with frequency of trains during off-peak	discrete	numeric	
V641	q74trpun	satisfaction with punctuality of trains	discrete	numeric	
V642	q74trcos	satisfaction with train fares	discrete	numeric	
V643	q74trfac	satisfaction with facilities at stations	discrete	numeric	
V644	q74train	satisfaction with train service overall	discrete	numeric	
V645	q75usebu	use of bus in past month	discrete	numeric	

ID	Name	Label	Type	Format	Question
V646	q76breas	first reason for not using bus	discrete	numeric	
V647	q76bre_a	second reason for not using bus	discrete	numeric	
V648	q77bdist	satisfaction with distance between home and bus	discrete	numeric	
V649	q77btrav	satisfaction with travel time by bus	discrete	numeric	
V650	q77bsecw	satisfaction with security on walk to bus	discrete	numeric	
V651	q77bsecs	satisfaction with security at bus stops	discrete	numeric	
V652	q77bsecb	satisfaction with security on buses	discrete	numeric	
V653	q77bcrow	satisfaction with crowding on buses	discrete	numeric	
V654	q77bacci	satisfaction with safety from accidents (bus)	discrete	numeric	
V655	q77bpfre	satisfaction with frequency of buses during peak	discrete	numeric	
V656	q77bopfr	satisfaction with frequency of buses during off-peak	discrete	numeric	
V657	q77bpunc	satisfaction with punctuality of buses	discrete	numeric	
V658	q77bfare	satisfaction with bus fares	discrete	numeric	
V659	q77bfaci	satisfaction with facilities at bus stops	discrete	numeric	
V660	q7busdri	satisfaction with behaviour of bus drivers	discrete	numeric	
V661	q77bserv	satisfaction with bus service overall	discrete	numeric	
V662	q78useta	use of taxi during past month	discrete	numeric	
V663	q79txire	first reason for not using taxi	discrete	numeric	
V664	q79txrea	second reason for not using taxi	discrete	numeric	
V665	q710txdi	satisfaction with distance between home and taxi	discrete	numeric	
V666	q710txtr	satisfaction with travel time by taxi	discrete	numeric	
V667	q710txse	satisfaction with security on walk to taxi	discrete	numeric	
V668	q710tx_a	satisfaction with security at taxi ranks	discrete	numeric	
V669	q710tx_b	satisfaction with security on taxis	discrete	numeric	
V670	q710txac	satisfaction with safety from accidents (taxi)	discrete	numeric	
V671	q710txrw	satisfaction with roadworthiness of taxis	discrete	numeric	
V672	q710txwa	satisfaction with waiting time for taxis	discrete	numeric	
V673	q710txpf	satisfaction with frequency of taxis during peak	discrete	numeric	
V674	q710txop	satisfaction with frequency of taxis during off-peak	discrete	numeric	
V675	q710txcr	satisfaction with crowding on taxis	discrete	numeric	
V676	q710txfa	satisfaction with taxi fares	discrete	numeric	
V677	q710tx_c	satisfaction with facilities at taxi ranks	discrete	numeric	
V678	q710txdr	satisfaction with behaviour of taxi drivers	discrete	numeric	
V679	q710taxi	satisfaction with taxi service overall	discrete	numeric	
V680	weight		contin	numeric	
V681	newclass	classification	discrete	numeric	
V682	district	home district	discrete	numeric	

nhts-2003-house-v1

Content

Cases 45556

Variable(s) 51

Structure Type:
Keys: ()

Version

Producer

Missing Data

Variables

ID	Name	Label	Type	Format	Question
V683	eapsu	selected psu number	discrete	character	
V684	dwellnr	selected dwelling unit	contin	numeric	
V685	hhnr	household number	discrete	numeric	
V686	prov	province	discrete	numeric	
V687	taznr	transport analysis zone	discrete	numeric	
V688	q11amain	main dwelling	discrete	numeric	
V689	q11both	other dwelling	discrete	numeric	
V690	q12prob1	first transport problem	discrete	numeric	
V691	q12prob2	second transport problem	discrete	numeric	
V692	q13totra	walking time to the nearest train station in actual minutes	discrete	numeric	
V693	q13tot_a	uncertain about walking time to the train station	discrete	numeric	
V694	q13totax	walking time to the nearest taxi (minibus, sedan, bakkie) in actual minutes	discrete	numeric	
V695	q13tot_b	uncertain about walking time to a taxi (minibus, sedan, bakkie)	discrete	numeric	
V696	q13tobus	walking time to the nearest bus stop in actual minutes	discrete	numeric	
V697	q13tob_a	uncertain about walking time the to bus stop	discrete	numeric	
V698	q14foodm	mode to nearest food shop	discrete	numeric	
V699	q14foo_a	travel time in minutes to nearest food shop	discrete	numeric	
V700	q14shops	mode to nearest other shops	discrete	numeric	
V701	q14sho_a	travel time in minutes to nearest other shops	discrete	numeric	
V702	q14tradm	mode to nearest traditional healer	discrete	numeric	
V703	q14tra_a	travel time in minutes to nearest traditional healer	discrete	numeric	
V704	q14medmo	mode to nearest medical services	discrete	numeric	
V705	q14medmi	travel time in minutes to nearest medical services	discrete	numeric	
V706	q14postm	mode to nearest post office/ agent	discrete	numeric	
V707	q14pos_a	travel time in minutes to nearest post office/ agent	discrete	numeric	
V708	q14welfm	mode to nearest welfare office	discrete	numeric	
V709	q14wel_a	travel time in minutes to nearest welfare office	discrete	numeric	
V710	q14polmo	mode to nearest police station	discrete	numeric	

ID	Name	Label	Type	Format	Question
V711	q14polmi	travel time in minutes to nearest police station	discrete	numeric	
V712	q14munim	mode to nearest municipal office	discrete	numeric	
V713	q14mun_a	travel time in minutes to nearest municipal office	discrete	numeric	
V714	q14tribm	mode to nearest tribal authority	discrete	numeric	
V715	q14tri_a	travel time in minutes to nearest tribal authority	discrete	numeric	
V716	q15train	total monthly household expenditure on the train	discrete	numeric	
V717	q15busex	total monthly household expenditure on the bus	discrete	numeric	
V718	q15taxie	total monthly household expenditure on taxis	discrete	numeric	
V719	q16hhinc	total monthly household income	discrete	numeric	
V720	q17bikes	number of bicycles owned by the household	discrete	numeric	
V721	q18mcycl	number of motorcycles/scooters available to the household for private use	discrete	numeric	
V722	q18cocar	number of car/bakkies/station wagons/4x4s owned by employer/company available to	discrete	numeric	
V723	q18hhcar	number of car/bakkies/station wagons/4x4s owned by the household/relatives/frien	discrete	numeric	
V724	q18combi	number of minibus/kombis available to the household for private use	discrete	numeric	
V725	q18truck	number of trucks available to the household for private use	discrete	numeric	
V726	q18other	number of other vehicles available to the household for private use	discrete	numeric	
V727	travelda	travel day	discrete	numeric	
V728	weight	final weight	contin	numeric	
V729	munic	municipalities	discrete	numeric	
V730	pubcost	monthly household expenditure on public transport	contin	numeric	
V731	perpub	percentage of household income spent on public transport	contin	numeric	
V732	newclass	classification	discrete	numeric	
V733	district	metropolitan/district municipality	discrete	numeric	

nhts-2003-over15-v1

Content

Cases 117243

Variable(s) 39

Structure Type:
Keys: ()

Version

Producer

Missing Data

Variables

ID	Name	Label	Type	Format	Question
V734	eapsu	selected psu	discrete	character	
V735	dwellnr	selected dwelling number	contin	numeric	
V736	hhnr	household number	discrete	numeric	
V737	personnr	person number	contin	numeric	
V738	prov	province	discrete	numeric	
V739	taznr	transport analysis zone	discrete	numeric	
V740	b_4night	stayed in household for at least four nights	discrete	numeric	
V741	c_gender	gender	discrete	numeric	
V742	d_age	age	contin	numeric	
V743	e_race	population group	discrete	numeric	
V744	q41mcycl	drivers licence: motorcycle	discrete	numeric	
V745	q41carl	drivers licence: car	discrete	numeric	
V746	q41heavy	drivers licence: heavy vehicle	discrete	numeric	
V747	q42havew	employment in the past seven days	discrete	numeric	
V748	q43reaso	main reasons for not working in the past seven days	discrete	numeric	
V749	q51indus	industry	discrete	numeric	
V750	q52occup	occupation	discrete	numeric	
V751	q53daysw	number of working days per week	discrete	numeric	
V752	q54incom	total salary/pay in the main job	discrete	numeric	
V753	q54unit	salary quantifier	discrete	numeric	
V754	q54incca	income categories	discrete	numeric	
V755	q55busns	business trips within rsa	discrete	numeric	
V756	q56howma	number of business trips in the past month	discrete	numeric	
V757	q57desti	destination of most recent business trip	discrete	numeric	
V758	q58bmode	mode used for the longest part of the business trip	discrete	numeric	
V759	q59other	another place in rsa regarded as home	discrete	numeric	
V760	q510publ	use of public transport for home visits	discrete	numeric	
V761	q511ntri	number of home visits in the past month	discrete	numeric	

ID	Name	Label	Type	Format	Question
V762	q512migr	home area	discrete	numeric	
V763	q513migr	mode used for the longest part of the trip home	discrete	numeric	
V764	q514migr	trip cost home	discrete	numeric	
V765	q515migr	day of the week on which travelled home	discrete	numeric	
V766	q516work	main place of work	discrete	numeric	
V767	weight	weight	contin	numeric	
V768	district		contin	numeric	
V769	newclass	classification	discrete	numeric	
V770	persinco	monthly worker income	discrete	numeric	
V771	mdistric		contin	numeric	
V772	bdistric		contin	numeric	

nhts-2003-person-v1

Content

Cases 171561

Variable(s) 61

Structure Type:
Keys: ()

Version

Producer

Missing Data

Variables

ID	Name	Label	Type	Format	Question
V773	eapsu	selected psu	discrete	character	
V774	dwellnr	selected dwelling number	contin	numeric	
V775	hhnr	household number	discrete	numeric	
V776	personnr	person number	contin	numeric	
V777	prov	province	discrete	numeric	
V778	taznr	taz	discrete	numeric	
V779	b_4night	stayed nights	discrete	numeric	
V780	c_gender	gender	discrete	numeric	
V781	d_age	age	discrete	numeric	
V782	e_race	race	discrete	numeric	
V783	q21disab	limitation in daily activities	discrete	numeric	
V784	q22sight	sight	discrete	numeric	
V785	q22heari	hearing	discrete	numeric	
V786	q22commu	communicating	discrete	numeric	
V787	q22physi	physical	discrete	numeric	
V788	q22intel	intellectual	discrete	numeric	
V789	q22emoti	emotional	discrete	numeric	
V790	q22other	other	discrete	numeric	
V791	q23trave	travelled on day before the interview	discrete	numeric	
V792	q24whyno	reasons for not travelling	discrete	numeric	
V793	q25twork	travelled to work	discrete	numeric	
V794	q25teduc	travelled to education	discrete	numeric	
V795	q25tshop	travelled to shops	discrete	numeric	
V796	q25tlook	travelled to look for work	discrete	numeric	
V797	q25tmed	travelled to medical services	discrete	numeric	
V798	q25twelf	travelled to welfare	discrete	numeric	
V799	q25tvisi	travelled to visit	discrete	numeric	
V800	q25tspor	travelled to sport, recreation	discrete	numeric	

ID	Name	Label	Type	Format	Question
V801	q25tchur	travelled to church	discrete	numeric	
V802	q25tothe	travelled to other	discrete	numeric	
V803	q26train	number of days used a train	discrete	numeric	
V804	q26bus	number of days used a bus	discrete	numeric	
V805	q26metta	number of days used a metered taxi	discrete	numeric	
V806	q26minib	number of days used minibus-taxi	discrete	numeric	
V807	q26sedan	number of days used a sedan-taxi	discrete	numeric	
V808	q26bakki	number of days used a bakkie-taxi	discrete	numeric	
V809	q26car	number of days used a car, bakkie, other	discrete	numeric	
V810	q26truck	number of days used a truck/lorry	discrete	numeric	
V811	q26mcycl	number of days used a motorcycle/scooter	discrete	numeric	
V812	q26bike	number of days used a bicycle	discrete	numeric	
V813	q26anima	number of days used an animal transport	discrete	numeric	
V814	q26aircr	number of days used an aircraft	discrete	numeric	
V815	q26other	number of days used other	discrete	numeric	
V816	q27holid	holiday trips during the past year	discrete	numeric	
V817	q28nrhol	number of holiday trips undertaken	discrete	numeric	
V818	q29holpl	place visited (last holiday trip)	discrete	numeric	
V819	q210holm	mode of transport (last holiday trip)	discrete	numeric	
V820	q31educ	highest level of education	discrete	numeric	
V821	q32goedu	current attendance	discrete	numeric	
V822	q33eduty	educational institution currently being attended	discrete	numeric	
V823	q34atten	attending fulltime or part-time	discrete	numeric	
V824	q35eduta	analysis area of educational institution	discrete	numeric	
V825	q36dtime	departure time for educational institution	discrete	numeric	
V826	q37atime	arrival time at educational institution	discrete	numeric	
V827	q38mode	mode of transport to educational institution	discrete	numeric	
V828	q39cost	cost of mode of transport to get to the institution	discrete	numeric	
V829	q310unit	unit of payment	discrete	numeric	
V830	weight		contin	numeric	
V831	costperm	monthly cost per education	discrete	numeric	
V832	newclass	classification	discrete	numeric	
V833	district	district	discrete	numeric	

nhts-2003-worktrip-v1

Content

Cases 35033

Variable(s) 47

Structure Type:
Keys: ()

Version

Producer

Missing Data

Variables

ID	Name	Label	Type	Format	Question
V834	eapsu	selected psu	discrete	character	
V835	dwellnr	selected dwelling unit number	contin	numeric	
V836	hhnr	household number	discrete	numeric	
V837	personnr	person number	contin	numeric	
V838	prov	province	discrete	numeric	
V839	taznr	transport analysis zone	discrete	numeric	
V840	b_4night	stayed in household for at least four nights	discrete	numeric	
V841	c_gender	gender	discrete	numeric	
V842	d_age	age	discrete	numeric	
V843	e_race	population group	discrete	numeric	
V844	q61workl	main place of work	discrete	numeric	
V845	q62depti	departure time	discrete	numeric	
V846	q63artim	arrival time	discrete	numeric	
V847	q64walk	walk all the way to work	discrete	numeric	
V848	q65cycle	cycle all the way to work	discrete	numeric	
V849	q66drive	drive all the way to work	discrete	numeric	
V850	q67vhcle	vehicles driven to work	discrete	numeric	
V851	q68vhwor	regularly in need of vehicle to work	discrete	numeric	
V852	q69liftt	drop/pick up passengers on the way to work	discrete	numeric	
V853	q610lift	drop/pick up passengers from work	discrete	numeric	
V854	q611tran	transfer modes during work trip	discrete	numeric	
V855	q612mode	first mode to work	discrete	numeric	
V856	q612mo_a	second mode to work	discrete	numeric	
V857	q612mo_b	third mode to work	discrete	numeric	
V858	q612mo_c	fourth mode to work	discrete	numeric	
V859	q613cost	travel cost for first mode to work	discrete	numeric	
V860	q613co_a	travel cost for second mode to work	discrete	numeric	
V861	q613co_b	travel cost for third mode to work	discrete	numeric	

ID	Name	Label	Type	Format	Question
V862	q613co_c	travel cost for fourth mode to work	discrete	numeric	
V863	q614unit	type of ticket for first mode to work	discrete	numeric	
V864	q614un_a	type of ticket for second mode to work	discrete	numeric	
V865	q614un_b	type of ticket for third mode to work	discrete	numeric	
V866	q614un_c	type of ticket for fourth mode to work	discrete	numeric	
V867	q615allo	cash or tickets from employer for public transport	discrete	numeric	
V868	q616valu	value of cash or tickets from employer	discrete	numeric	
V869	q617walk	walking time to first transport to work	discrete	numeric	
V870	q618wait	waiting time for first transport to work	discrete	numeric	
V871	q619walk	walking time at the end of the trip to work	discrete	numeric	
V872	q620work	other workers in the household	discrete	numeric	
V873	fweight	weight	contin	numeric	
V874	mainmode	main mode to work	discrete	numeric	
V875	newclass	classification	discrete	numeric	
V876	district		contin	numeric	
V877	persinco	monthly income of worker	discrete	numeric	
V878	totcost	transport cost to work	discrete	numeric	
V879	percent	proportion of income spent on transport	discrete	numeric	
V880	wdistric		discrete	numeric	

selected psu (eapsu)

File: nhts-2003-attitude-v1

Overview

Type: Discrete
 Format: character
 Width: 12

Valid cases: 45355
 Invalid: 0

selected dwelling number (dwellnr)

File: nhts-2003-attitude-v1

Overview

Type: Continuous
 Format: numeric
 Width: 8
 Decimals: 0
 Range: 1-806

Valid cases: 45355
 Invalid: 0
 Minimum: 1
 Maximum: 806
 Mean: 84.7
 Standard deviation: 69.1

household number (hhnr)

File: nhts-2003-attitude-v1

Overview

Type: Discrete
 Format: numeric
 Width: 8
 Decimals: 0
 Range: 1-13

Valid cases: 45355
 Invalid: 0

person number (personnr)

File: nhts-2003-attitude-v1

Overview

Type: Continuous
 Format: numeric
 Width: 8
 Decimals: 0
 Range: 1-22

Valid cases: 45355
 Invalid: 0
 Minimum: 1
 Maximum: 22
 Mean: 1.6
 Standard deviation: 1

province (prov)

File: nhts-2003-attitude-v1

Overview

Type: Discrete
 Format: numeric
 Width: 8
 Decimals: 0
 Range: 1-9

Valid cases: 45355
 Invalid: 0

transport analysis zone number (taznr)

File: nhts-2003-attitude-v1

transport analysis zone number (taznr)

File: nhsts-2003-attitude-v1

Overview

Type: Discrete	Valid cases: 45355
Format: numeric	Invalid: 0
Width: 8	
Decimals: 0	
Range: 1001-9040	

stayed four nights? (b_4night)

File: nhsts-2003-attitude-v1

Overview

Type: Discrete	Valid cases: 45355
Format: numeric	Invalid: 0
Width: 8	
Decimals: 0	
Range: 1-2	

gender (c_gender)

File: nhsts-2003-attitude-v1

Overview

Type: Discrete	Valid cases: 45335
Format: numeric	Invalid: 20
Width: 8	
Decimals: 0	
Range: 1-2	

age (d_age)

File: nhsts-2003-attitude-v1

Overview

Type: Continuous	Valid cases: 45355
Format: numeric	Invalid: 0
Width: 8	Minimum: 15
Decimals: 0	Maximum: 999
Range: 15-999	Mean: 42.8
	Standard deviation: 29.7

race (e_race)

File: nhsts-2003-attitude-v1

Overview

Type: Discrete	Valid cases: 45349
Format: numeric	Invalid: 6
Width: 8	
Decimals: 0	
Range: 1-5	

most important factor when travelling (q71facto)

File: nhts-2003-attitude-v1

Overview

Type: Discrete	Valid cases: 45189
Format: numeric	Invalid: 166
Width: 8	
Decimals: 0	
Range: 1-8	

use of train in past month (q72usetr)

File: nhts-2003-attitude-v1

Overview

Type: Discrete	Valid cases: 45325
Format: numeric	Invalid: 30
Width: 8	
Decimals: 0	
Range: 1-2	

first reason for not using train (q73treas)

File: nhts-2003-attitude-v1

Overview

Type: Discrete	Valid cases: 43448
Format: numeric	Invalid: 1907
Width: 8	
Decimals: 0	
Range: 1-99	

second reason for not using train (q73tre_a)

File: nhts-2003-attitude-v1

Overview

Type: Discrete	Valid cases: 12930
Format: numeric	Invalid: 32425
Width: 8	
Decimals: 0	
Range: 1-99	

satisfaction with distance between home and station (q74trdis)

File: nhts-2003-attitude-v1

Overview

Type: Discrete	Valid cases: 1847
Format: numeric	Invalid: 43508
Width: 8	
Decimals: 0	
Range: 1-9	

satisfaction with travel time by train (q74trtra)

File: nhts-2003-attitude-v1

satisfaction with travel time by train (q74trtra)

File: nhsts-2003-attitude-v1

Overview

Type: Discrete	Valid cases: 1843
Format: numeric	Invalid: 43512
Width: 8	
Decimals: 0	
Range: 1-9	

satisfaction with security on walk to station (q74trsec)

File: nhsts-2003-attitude-v1

Overview

Type: Discrete	Valid cases: 1840
Format: numeric	Invalid: 43515
Width: 8	
Decimals: 0	
Range: 1-9	

satisfaction with security at stations (q74trs_a)

File: nhsts-2003-attitude-v1

Overview

Type: Discrete	Valid cases: 1841
Format: numeric	Invalid: 43514
Width: 8	
Decimals: 0	
Range: 1-9	

satisfaction with security on trains (q74trs_b)

File: nhsts-2003-attitude-v1

Overview

Type: Discrete	Valid cases: 1838
Format: numeric	Invalid: 43517
Width: 8	
Decimals: 0	
Range: 1-9	

satisfaction with crowding on trains (q74trcro)

File: nhsts-2003-attitude-v1

Overview

Type: Discrete	Valid cases: 1838
Format: numeric	Invalid: 43517
Width: 8	
Decimals: 0	
Range: 1-9	

satisfaction with safety from accidents (train) (q74tracc)

File: nhsts-2003-attitude-v1

satisfaction with safety from accidents (train) (q74tracc)

File: nhts-2003-attitude-v1

Overview

Type: Discrete	Valid cases: 1830
Format: numeric	Invalid: 43525
Width: 8	
Decimals: 0	
Range: 1-9	

satisfaction with frequency of trains during peak (q74trpfr)

File: nhts-2003-attitude-v1

Overview

Type: Discrete	Valid cases: 1634
Format: numeric	Invalid: 43721
Width: 8	
Decimals: 0	
Range: 1-9	

satisfaction with frequency of trains during off-peak (q74tropf)

File: nhts-2003-attitude-v1

Overview

Type: Discrete	Valid cases: 1561
Format: numeric	Invalid: 43794
Width: 8	
Decimals: 0	
Range: 1-9	

satisfaction with punctuality of trains (q74trpun)

File: nhts-2003-attitude-v1

Overview

Type: Discrete	Valid cases: 1833
Format: numeric	Invalid: 43522
Width: 8	
Decimals: 0	
Range: 1-9	

satisfaction with train fares (q74trcos)

File: nhts-2003-attitude-v1

Overview

Type: Discrete	Valid cases: 1835
Format: numeric	Invalid: 43520
Width: 8	
Decimals: 0	
Range: 1-9	

satisfaction with facilities at stations (q74trfac)

File: nhts-2003-attitude-v1

satisfaction with facilities at stations (q74trfac)

File: nhts-2003-attitude-v1

Overview

Type: Discrete	Valid cases: 1838
Format: numeric	Invalid: 43517
Width: 8	
Decimals: 0	
Range: 1-9	

satisfaction with train service overall (q74train)

File: nhts-2003-attitude-v1

Overview

Type: Discrete	Valid cases: 1841
Format: numeric	Invalid: 43514
Width: 8	
Decimals: 0	
Range: 1-9	

use of bus in past month (q75usebu)

File: nhts-2003-attitude-v1

Overview

Type: Discrete	Valid cases: 45305
Format: numeric	Invalid: 50
Width: 8	
Decimals: 0	
Range: 1-2	

first reason for not using bus (q76breas)

File: nhts-2003-attitude-v1

Overview

Type: Discrete	Valid cases: 38219
Format: numeric	Invalid: 7136
Width: 8	
Decimals: 0	
Range: 1-99	

second reason for not using bus (q76bre_a)

File: nhts-2003-attitude-v1

Overview

Type: Discrete	Valid cases: 14057
Format: numeric	Invalid: 31298
Width: 8	
Decimals: 0	
Range: 1-99	

satisfaction with distance between home and bus (q77bdist)

File: nhts-2003-attitude-v1

satisfaction with distance between home and bus (q77bdist)

File: nhts-2003-attitude-v1

Overview

Type: Discrete	Valid cases: 6965
Format: numeric	Invalid: 38390
Width: 8	
Decimals: 0	
Range: 1-9	

satisfaction with travel time by bus (q77btrav)

File: nhts-2003-attitude-v1

Overview

Type: Discrete	Valid cases: 6957
Format: numeric	Invalid: 38398
Width: 8	
Decimals: 0	
Range: 1-9	

satisfaction with security on walk to bus (q77bsecw)

File: nhts-2003-attitude-v1

Overview

Type: Discrete	Valid cases: 6961
Format: numeric	Invalid: 38394
Width: 8	
Decimals: 0	
Range: 1-9	

satisfaction with security at bus stops (q77bsecs)

File: nhts-2003-attitude-v1

Overview

Type: Discrete	Valid cases: 6942
Format: numeric	Invalid: 38413
Width: 8	
Decimals: 0	
Range: 1-9	

satisfaction with security on buses (q77bsecb)

File: nhts-2003-attitude-v1

Overview

Type: Discrete	Valid cases: 6953
Format: numeric	Invalid: 38402
Width: 8	
Decimals: 0	
Range: 1-9	

satisfaction with crowding on buses (q77bcrow)

File: nhts-2003-attitude-v1

satisfaction with crowding on buses (q77bcrow)

File: nhsts-2003-attitude-v1

Overview

Type: Discrete	Valid cases: 6939
Format: numeric	Invalid: 38416
Width: 8	
Decimals: 0	
Range: 1-9	

satisfaction with safety from accidents (bus) (q77bacci)

File: nhsts-2003-attitude-v1

Overview

Type: Discrete	Valid cases: 6932
Format: numeric	Invalid: 38423
Width: 8	
Decimals: 0	
Range: 1-9	

satisfaction with frequency of buses during peak (q77bpfre)

File: nhsts-2003-attitude-v1

Overview

Type: Discrete	Valid cases: 5501
Format: numeric	Invalid: 39854
Width: 8	
Decimals: 0	
Range: 1-9	

satisfaction with frequency of buses during off-peak (q77bopfr)

File: nhsts-2003-attitude-v1

Overview

Type: Discrete	Valid cases: 5353
Format: numeric	Invalid: 40002
Width: 8	
Decimals: 0	
Range: 1-9	

satisfaction with punctuality of buses (q77bpunc)

File: nhsts-2003-attitude-v1

Overview

Type: Discrete	Valid cases: 6925
Format: numeric	Invalid: 38430
Width: 8	
Decimals: 0	
Range: 1-9	

satisfaction with bus fares (q77bfare)

File: nhsts-2003-attitude-v1

satisfaction with bus fares (q77bfare)

File: nhts-2003-attitude-v1

Overview

Type: Discrete	Valid cases: 6934
Format: numeric	Invalid: 38421
Width: 8	
Decimals: 0	
Range: 1-9	

satisfaction with facilities at bus stops (q77bfaci)

File: nhts-2003-attitude-v1

Overview

Type: Discrete	Valid cases: 6938
Format: numeric	Invalid: 38417
Width: 8	
Decimals: 0	
Range: 1-9	

satisfaction with behaviour of bus drivers (q7busdri)

File: nhts-2003-attitude-v1

Overview

Type: Discrete	Valid cases: 6953
Format: numeric	Invalid: 38402
Width: 8	
Decimals: 0	
Range: 1-9	

satisfaction with bus service overall (q77bserv)

File: nhts-2003-attitude-v1

Overview

Type: Discrete	Valid cases: 6939
Format: numeric	Invalid: 38416
Width: 8	
Decimals: 0	
Range: 1-9	

use of taxi during past month (q78useta)

File: nhts-2003-attitude-v1

Overview

Type: Discrete	Valid cases: 45269
Format: numeric	Invalid: 86
Width: 8	
Decimals: 0	
Range: 1-2	

first reason for not using taxi (q79txire)

File: nhts-2003-attitude-v1

first reason for not using taxi (q79txire)

File: nhts-2003-attitude-v1

Overview

Type: Discrete
 Format: numeric
 Width: 8
 Decimals: 0
 Range: 1-18

Valid cases: 20308
 Invalid: 25047

second reason for not using taxi (q79txrea)

File: nhts-2003-attitude-v1

Overview

Type: Discrete
 Format: numeric
 Width: 8
 Decimals: 0
 Range: 1-18

Valid cases: 8011
 Invalid: 37344

satisfaction with distance between home and taxi (q710txdi)

File: nhts-2003-attitude-v1

Overview

Type: Discrete
 Format: numeric
 Width: 8
 Decimals: 0
 Range: 1-9

Valid cases: 24645
 Invalid: 20710

satisfaction with travel time by taxi (q710txtr)

File: nhts-2003-attitude-v1

Overview

Type: Discrete
 Format: numeric
 Width: 8
 Decimals: 0
 Range: 1-9

Valid cases: 24673
 Invalid: 20682

satisfaction with security on walk to taxi (q710txse)

File: nhts-2003-attitude-v1

Overview

Type: Discrete
 Format: numeric
 Width: 8
 Decimals: 0
 Range: 1-9

Valid cases: 24741
 Invalid: 20614

satisfaction with security at taxi ranks (q710tx_a)

File: nhts-2003-attitude-v1

satisfaction with security at taxi ranks (q710tx_a)

File: nhts-2003-attitude-v1

Overview

Type: Discrete
 Format: numeric
 Width: 8
 Decimals: 0
 Range: 1-9

Valid cases: 24743
 Invalid: 20612

satisfaction with security on taxis (q710tx_b)

File: nhts-2003-attitude-v1

Overview

Type: Discrete
 Format: numeric
 Width: 8
 Decimals: 0
 Range: 1-9

Valid cases: 24739
 Invalid: 20616

satisfaction with safety from accidents (taxi) (q710txac)

File: nhts-2003-attitude-v1

Overview

Type: Discrete
 Format: numeric
 Width: 8
 Decimals: 0
 Range: 1-9

Valid cases: 24708
 Invalid: 20647

satisfaction with roadworthiness of taxis (q710txrw)

File: nhts-2003-attitude-v1

Overview

Type: Discrete
 Format: numeric
 Width: 8
 Decimals: 0
 Range: 1-9

Valid cases: 24695
 Invalid: 20660

satisfaction with waiting time for taxis (q710txwa)

File: nhts-2003-attitude-v1

Overview

Type: Discrete
 Format: numeric
 Width: 8
 Decimals: 0
 Range: 1-9

Valid cases: 24698
 Invalid: 20657

satisfaction with frequency of taxis during peak (q710txpf)

File: nhts-2003-attitude-v1

satisfaction with frequency of taxis during peak (q710txpf)

File: nhsts-2003-attitude-v1

Overview

Type: Discrete
 Format: numeric
 Width: 8
 Decimals: 0
 Range: 1-9

Valid cases: 20731
 Invalid: 24624

satisfaction with frequency of taxis during off-peak (q710txop)

File: nhsts-2003-attitude-v1

Overview

Type: Discrete
 Format: numeric
 Width: 8
 Decimals: 0
 Range: 1-9

Valid cases: 20291
 Invalid: 25064

satisfaction with crowding on taxis (q710txcr)

File: nhsts-2003-attitude-v1

Overview

Type: Discrete
 Format: numeric
 Width: 8
 Decimals: 0
 Range: 1-9

Valid cases: 24708
 Invalid: 20647

satisfaction with taxi fares (q710txfa)

File: nhsts-2003-attitude-v1

Overview

Type: Discrete
 Format: numeric
 Width: 8
 Decimals: 0
 Range: 1-9

Valid cases: 24714
 Invalid: 20641

satisfaction with facilities at taxi ranks (q710tx_c)

File: nhsts-2003-attitude-v1

Overview

Type: Discrete
 Format: numeric
 Width: 8
 Decimals: 0
 Range: 1-9

Valid cases: 23807
 Invalid: 21548

satisfaction with behaviour of taxi drivers (q710txdr)

File: nhsts-2003-attitude-v1

satisfaction with behaviour of taxi drivers (q710txdr)

File: nhts-2003-attitude-v1

Overview

Type: Discrete	Valid cases: 24788
Format: numeric	Invalid: 20567
Width: 8	
Decimals: 0	
Range: 1-9	

satisfaction with taxi service overall (q710taxi)

File: nhts-2003-attitude-v1

Overview

Type: Discrete	Valid cases: 24744
Format: numeric	Invalid: 20611
Width: 8	
Decimals: 0	
Range: 1-9	

(weight)

File: nhts-2003-attitude-v1

Overview

Type: Continuous	Valid cases: 45355
Format: numeric	Invalid: 0
Width: 9	Minimum: 2.5
Decimals: 0	Maximum: 17692.3
Range: 2.45499992370605-17692.33984375	Mean: 700.5
	Standard deviation: 737.9

classification (newclass)

File: nhts-2003-attitude-v1

Overview

Type: Discrete	Valid cases: 45355
Format: numeric	Invalid: 0
Width: 8	
Decimals: 0	
Range: 1-3	

home district (district)

File: nhts-2003-attitude-v1

Overview

Type: Discrete	Valid cases: 45355
Format: numeric	Invalid: 0
Width: 8	
Decimals: 0	
Range: 11-96	

selected psu number (eapsu)

File: nhts-2003-house-v1

Overview

Type: Discrete	Valid cases: 45556
Format: character	Invalid: 0
Width: 12	

selected dwelling unit (dwellnr)

File: nhts-2003-house-v1

Overview

Type: Continuous	Valid cases: 45556
Format: numeric	Invalid: 0
Width: 8	Minimum: 1
Decimals: 0	Maximum: 806
Range: 1-806	Mean: 84.7
	Standard deviation: 69.1

household number (hhnr)

File: nhts-2003-house-v1

Overview

Type: Discrete	Valid cases: 45556
Format: numeric	Invalid: 0
Width: 8	
Decimals: 0	
Range: 1-13	

province (prov)

File: nhts-2003-house-v1

Overview

Type: Discrete	Valid cases: 45556
Format: numeric	Invalid: 0
Width: 8	
Decimals: 0	
Range: 1-9	

transport analysis zone (taznr)

File: nhts-2003-house-v1

Overview

Type: Discrete	Valid cases: 45556
Format: numeric	Invalid: 0
Width: 8	
Decimals: 0	
Range: 1001-9040	

main dwelling (q11amain)

File: nhts-2003-house-v1

main dwelling (q11amain)

File: nhts-2003-house-v1

Overview

Type: Discrete
 Format: numeric
 Width: 8
 Decimals: 0
 Range: 1-12

Valid cases: 45504
 Invalid: 52

other dwelling (q11both)

File: nhts-2003-house-v1

Overview

Type: Discrete
 Format: numeric
 Width: 8
 Decimals: 0
 Range: 1-12

Valid cases: 10700
 Invalid: 34856

first transport problem (q12prob1)

File: nhts-2003-house-v1

Overview

Type: Discrete
 Format: numeric
 Width: 8
 Decimals: 0
 Range: 0-905

Valid cases: 45434
 Invalid: 122

second transport problem (q12prob2)

File: nhts-2003-house-v1

Overview

Type: Discrete
 Format: numeric
 Width: 8
 Decimals: 0
 Range: 0-905

Valid cases: 23380
 Invalid: 22176

walking time to the nearest train station in actual minutes (q13totra)

File: nhts-2003-house-v1

Overview

Type: Discrete
 Format: numeric
 Width: 8
 Decimals: 0
 Range: 1-999

Valid cases: 9202
 Invalid: 36354

uncertain about walking time to the train station (q13tot_a)

File: nhts-2003-house-v1

Overview

Type: Discrete
 Format: numeric
 Width: 8
 Decimals: 0
 Range: 1-9

Valid cases: 36304
 Invalid: 9252

walking time to the nearest taxi (minibus, sedan, bakkie) in actual minutes (q13totax)

File: nhts-2003-house-v1

Overview

Type: Discrete
 Format: numeric
 Width: 8
 Decimals: 0
 Range: 1-999

Valid cases: 39354
 Invalid: 6202

uncertain about walking time to a taxi (minibus, sedan, bakkie) (q13tot_b)

File: nhts-2003-house-v1

Overview

Type: Discrete
 Format: numeric
 Width: 8
 Decimals: 0
 Range: 1-9

Valid cases: 6147
 Invalid: 39409

walking time to the nearest bus stop in actual minutes (q13tobus)

File: nhts-2003-house-v1

Overview

Type: Discrete
 Format: numeric
 Width: 8
 Decimals: 0
 Range: 1-999

Valid cases: 24345
 Invalid: 21211

uncertain about walking time the to bus stop (q13tob_a)

File: nhts-2003-house-v1

Overview

Type: Discrete
 Format: numeric
 Width: 8
 Decimals: 0
 Range: 1-9

Valid cases: 21175
 Invalid: 24381

mode to nearest food shop (q14foodm)

File: nhts-2003-house-v1

Overview

Type: Discrete	Valid cases: 45268
Format: numeric	Invalid: 288
Width: 8	
Decimals: 0	
Range: 1-99	

travel time in minutes to nearest food shop (q14foo_a)

File: nhts-2003-house-v1

Overview

Type: Discrete	Valid cases: 45165
Format: numeric	Invalid: 391
Width: 8	
Decimals: 0	
Range: 1-999	

mode to nearest other shops (q14shops)

File: nhts-2003-house-v1

Overview

Type: Discrete	Valid cases: 45075
Format: numeric	Invalid: 481
Width: 8	
Decimals: 0	
Range: 1-99	

travel time in minutes to nearest other shops (q14sho_a)

File: nhts-2003-house-v1

Overview

Type: Discrete	Valid cases: 44890
Format: numeric	Invalid: 666
Width: 8	
Decimals: 0	
Range: 1-999	

mode to nearest traditional healer (q14tradm)

File: nhts-2003-house-v1

Overview

Type: Discrete	Valid cases: 12695
Format: numeric	Invalid: 32861
Width: 8	
Decimals: 0	
Range: 1-99	

travel time in minutes to nearest traditional healer (q14tra_a)

File: nhts-2003-house-v1

travel time in minutes to nearest traditional healer (q14tra_a)

File: nhts-2003-house-v1

Overview

Type: Discrete
 Format: numeric
 Width: 8
 Decimals: 0
 Range: 1-999

Valid cases: 9707
 Invalid: 35849

mode to nearest medical services (q14medmo)

File: nhts-2003-house-v1

Overview

Type: Discrete
 Format: numeric
 Width: 8
 Decimals: 0
 Range: 1-99

Valid cases: 44731
 Invalid: 825

travel time in minutes to nearest medical services (q14medmi)

File: nhts-2003-house-v1

Overview

Type: Discrete
 Format: numeric
 Width: 8
 Decimals: 0
 Range: 1-999

Valid cases: 44548
 Invalid: 1008

mode to nearest post office/ agent (q14postm)

File: nhts-2003-house-v1

Overview

Type: Discrete
 Format: numeric
 Width: 8
 Decimals: 0
 Range: 1-99

Valid cases: 42371
 Invalid: 3185

travel time in minutes to nearest post office/ agent (q14pos_a)

File: nhts-2003-house-v1

Overview

Type: Discrete
 Format: numeric
 Width: 8
 Decimals: 0
 Range: 1-999

Valid cases: 41779
 Invalid: 3777

mode to nearest welfare office (q14welfm)

File: nhts-2003-house-v1

mode to nearest welfare office (q14welfm)

File: nhts-2003-house-v1

Overview

Type: Discrete
 Format: numeric
 Width: 8
 Decimals: 0
 Range: 1-99

Valid cases: 35705
 Invalid: 9851

travel time in minutes to nearest welfare office (q14wel_a)

File: nhts-2003-house-v1

Overview

Type: Discrete
 Format: numeric
 Width: 8
 Decimals: 0
 Range: 1-999

Valid cases: 34353
 Invalid: 11203

mode to nearest police station (q14polmo)

File: nhts-2003-house-v1

Overview

Type: Discrete
 Format: numeric
 Width: 8
 Decimals: 0
 Range: 1-99

Valid cases: 42430
 Invalid: 3126

travel time in minutes to nearest police station (q14polmi)

File: nhts-2003-house-v1

Overview

Type: Discrete
 Format: numeric
 Width: 8
 Decimals: 0
 Range: 1-999

Valid cases: 41998
 Invalid: 3558

mode to nearest municipal office (q14munim)

File: nhts-2003-house-v1

Overview

Type: Discrete
 Format: numeric
 Width: 8
 Decimals: 0
 Range: 1-99

Valid cases: 36071
 Invalid: 9485

travel time in minutes to nearest municipal office (q14mun_a)

File: nhts-2003-house-v1

travel time in minutes to nearest municipal office (q14mun_a)

File: nhts-2003-house-v1

Overview

Type: Discrete	Valid cases: 34736
Format: numeric	Invalid: 10820
Width: 8	
Decimals: 0	
Range: 1-999	

mode to nearest tribal authority (q14tribm)

File: nhts-2003-house-v1

Overview

Type: Discrete	Valid cases: 45456
Format: numeric	Invalid: 100
Width: 8	
Decimals: 0	
Range: 1-99	

travel time in minutes to nearest tribal authority (q14tri_a)

File: nhts-2003-house-v1

Overview

Type: Discrete	Valid cases: 13050
Format: numeric	Invalid: 32506
Width: 8	
Decimals: 0	
Range: 1-999	

total monthly household expenditure on the train (q15train)

File: nhts-2003-house-v1

Overview

Type: Discrete	Valid cases: 45351
Format: numeric	Invalid: 205
Width: 8	
Decimals: 0	
Range: 1-99	

total monthly household expenditure on the bus (q15busex)

File: nhts-2003-house-v1

Overview

Type: Discrete	Valid cases: 45370
Format: numeric	Invalid: 186
Width: 8	
Decimals: 0	
Range: 1-99	

total monthly household expenditure on taxis (q15taxie)

File: nhts-2003-house-v1

total monthly household expenditure on taxis (q15taxie)

File: nhts-2003-house-v1

Overview

Type: Discrete
 Format: numeric
 Width: 8
 Decimals: 0
 Range: 1-99

Valid cases: 45469
 Invalid: 87

total monthly household income (q16hhinc)

File: nhts-2003-house-v1

Overview

Type: Discrete
 Format: numeric
 Width: 8
 Decimals: 0
 Range: 1-99

Valid cases: 42867
 Invalid: 2689

number of bicycles owned by the household (q17bikes)

File: nhts-2003-house-v1

Overview

Type: Discrete
 Format: numeric
 Width: 8
 Decimals: 0
 Range: 0-99

Valid cases: 45529
 Invalid: 27

number of motorcycles/scooters available to the household for private use (q18mcycl)

File: nhts-2003-house-v1

Overview

Type: Discrete
 Format: numeric
 Width: 8
 Decimals: 0
 Range: 0-99

Valid cases: 45508
 Invalid: 48

number of car/bakkies/station wagons/4x4s owned by employer/company available to (q18cocar)

File: nhts-2003-house-v1

Overview

Type: Discrete
 Format: numeric
 Width: 8
 Decimals: 0
 Range: 0-99

Valid cases: 45499
 Invalid: 57

number of car/bakkies/station wagons/4x4s owned by the household/relatives/frien (q18hhcar)

File: nhts-2003-house-v1

Overview

Type: Discrete
Format: numeric
Width: 8
Decimals: 0
Range: 0-99

Valid cases: 45525
Invalid: 31

number of minibus/kombis available to the household for private use (q18combi)

File: nhts-2003-house-v1

Overview

Type: Discrete
Format: numeric
Width: 8
Decimals: 0
Range: 0-99

Valid cases: 45532
Invalid: 24

number of trucks available to the household for private use (q18truck)

File: nhts-2003-house-v1

Overview

Type: Discrete
Format: numeric
Width: 8
Decimals: 0
Range: 0-99

Valid cases: 45531
Invalid: 25

number of other vehicles available to the household for private use (q18other)

File: nhts-2003-house-v1

Overview

Type: Discrete
Format: numeric
Width: 8
Decimals: 0
Range: 0-99

Valid cases: 45490
Invalid: 66

travel day (travelda)

File: nhts-2003-house-v1

Overview

travel day (travelda)

File: nhts-2003-house-v1

Type: Discrete
 Format: numeric
 Width: 8
 Decimals: 0
 Range: 1-9

Valid cases: 45461
 Invalid: 95

final weight (weight)

File: nhts-2003-house-v1

Overview

Type: Continuous
 Format: numeric
 Width: 9
 Decimals: 0
 Range: 0.292754143476486-5800.08251953125

Valid cases: 45556
 Invalid: 0
 Minimum: 0.3
 Maximum: 5800.1
 Mean: 272.9
 Standard deviation: 242.4

municipalities (munic)

File: nhts-2003-house-v1

Overview

Type: Discrete
 Format: numeric
 Width: 8
 Decimals: 0
 Range: 1-247

Valid cases: 45556
 Invalid: 0

monthly household expenditure on public transport (pubcost)

File: nhts-2003-house-v1

Overview

Type: Continuous
 Format: numeric
 Width: 8
 Decimals: 0
 Range: 0-2628

Valid cases: 45289
 Invalid: 267
 Minimum: 0
 Maximum: 2628
 Mean: 100.3
 Standard deviation: 154.1

percentage of household income spent on public transport (perpub)

File: nhts-2003-house-v1

Overview

Type: Continuous
 Format: numeric
 Width: 8
 Decimals: 0
 Range: 0-93

Valid cases: 43338
 Invalid: 2218
 Minimum: 0
 Maximum: 93
 Mean: 9.5
 Standard deviation: 13.6

classification (newclass)

File: nhts-2003-house-v1

Overview

Type: Discrete
Format: numeric
Width: 8
Decimals: 0
Range: 1-3

Valid cases: 45556
Invalid: 0

metropolitan/district municipality (district)

File: nhts-2003-house-v1

Overview

Type: Discrete
Format: numeric
Width: 8
Decimals: 0
Range: 11-96

Valid cases: 45556
Invalid: 0

selected psu (eapsu)

File: nhts-2003-over15-v1

Overview

Type: Discrete
 Format: character
 Width: 12

Valid cases: 117243
 Invalid: 0

selected dwelling number (dwellnr)

File: nhts-2003-over15-v1

Overview

Type: Continuous
 Format: numeric
 Width: 8
 Decimals: 0
 Range: 1-806

Valid cases: 117243
 Invalid: 0
 Minimum: 1
 Maximum: 806
 Mean: 82.7
 Standard deviation: 67.5

household number (hhnr)

File: nhts-2003-over15-v1

Overview

Type: Discrete
 Format: numeric
 Width: 8
 Decimals: 0
 Range: 1-13

Valid cases: 117243
 Invalid: 0

person number (personnr)

File: nhts-2003-over15-v1

Overview

Type: Continuous
 Format: numeric
 Width: 8
 Decimals: 0
 Range: 1-30

Valid cases: 117243
 Invalid: 0
 Minimum: 1
 Maximum: 30
 Mean: 2.3
 Standard deviation: 1.6

province (prov)

File: nhts-2003-over15-v1

Overview

Type: Discrete
 Format: numeric
 Width: 8
 Decimals: 0
 Range: 1-9

Valid cases: 117243
 Invalid: 0

transport analysis zone (taznr)

File: nhts-2003-over15-v1

transport analysis zone (taznr)

File: nhts-2003-over15-v1

Overview

Type: Discrete	Valid cases: 117243
Format: numeric	Invalid: 0
Width: 8	
Decimals: 0	
Range: 1001-9040	

stayed in household for at least four nights (b_4night)

File: nhts-2003-over15-v1

Overview

Type: Discrete	Valid cases: 117243
Format: numeric	Invalid: 0
Width: 8	
Decimals: 0	
Range: 1-2	

gender (c_gender)

File: nhts-2003-over15-v1

Overview

Type: Discrete	Valid cases: 117161
Format: numeric	Invalid: 82
Width: 8	
Decimals: 0	
Range: 1-9	

age (d_age)

File: nhts-2003-over15-v1

Overview

Type: Continuous	Valid cases: 117159
Format: numeric	Invalid: 84
Width: 8	Minimum: 15
Decimals: 0	Maximum: 129
Range: 15-129	Mean: 36.8
	Standard deviation: 17.1

population group (e_race)

File: nhts-2003-over15-v1

Overview

Type: Discrete	Valid cases: 117218
Format: numeric	Invalid: 25
Width: 8	
Decimals: 0	
Range: 1-9	

drivers licence: motorcycle (q41mcycl)

File: nhts-2003-over15-v1

Overview

Type: Discrete	Valid cases: 117143
Format: numeric	Invalid: 100
Width: 8	
Decimals: 0	
Range: 1-9	

drivers licence: car (q41carl)

File: nhts-2003-over15-v1

Overview

Type: Discrete	Valid cases: 117132
Format: numeric	Invalid: 111
Width: 8	
Decimals: 0	
Range: 1-9	

drivers licence: heavy vehicle (q41heavy)

File: nhts-2003-over15-v1

Overview

Type: Discrete	Valid cases: 117125
Format: numeric	Invalid: 118
Width: 8	
Decimals: 0	
Range: 1-9	

employment in the past seven days (q42havew)

File: nhts-2003-over15-v1

Overview

Type: Discrete	Valid cases: 38874
Format: numeric	Invalid: 78369
Width: 8	
Decimals: 0	
Range: 1-9	

main reasons for not working in the past seven days (q43reaso)

File: nhts-2003-over15-v1

Overview

Type: Discrete	Valid cases: 78032
Format: numeric	Invalid: 39211
Width: 8	
Decimals: 0	
Range: 1-9	

industry (q51indus)

File: nhts-2003-over15-v1

industry (q51indus)

File: nhts-2003-over15-v1

Overview

Type: Discrete
 Format: numeric
 Width: 8
 Decimals: 0
 Range: 10-999

Valid cases: 116979
 Invalid: 264

occupation (q52occup)

File: nhts-2003-over15-v1

Overview

Type: Discrete
 Format: numeric
 Width: 8
 Decimals: 0
 Range: 850-9999

Valid cases: 38731
 Invalid: 78512

number of working days per week (q53daysw)

File: nhts-2003-over15-v1

Overview

Type: Discrete
 Format: numeric
 Width: 8
 Decimals: 0
 Range: 1-9

Valid cases: 37365
 Invalid: 79878

total salary/pay in the main job (q54incom)

File: nhts-2003-over15-v1

Overview

Type: Discrete
 Format: numeric
 Width: 12
 Decimals: 0
 Range: 6-9999999

Valid cases: 25791
 Invalid: 91452

salary quantifier (q54unit)

File: nhts-2003-over15-v1

Overview

Type: Discrete
 Format: numeric
 Width: 8
 Decimals: 0
 Range: 1-9

Valid cases: 25783
 Invalid: 91460

income categories (q54incca)

File: nhts-2003-over15-v1

income categories (q54incca)

File: nhts-2003-over15-v1

Overview

Type: Discrete	Valid cases: 9463
Format: numeric	Invalid: 107780
Width: 8	
Decimals: 0	
Range: 1-88	

business trips within rsa (q55busns)

File: nhts-2003-over15-v1

Overview

Type: Discrete	Valid cases: 38772
Format: numeric	Invalid: 78471
Width: 8	
Decimals: 0	
Range: 1-9	

number of business trips in the past month (q56howma)

File: nhts-2003-over15-v1

Overview

Type: Discrete	Valid cases: 1330
Format: numeric	Invalid: 115913
Width: 8	
Decimals: 0	
Range: 1-99	

destination of most recent business trip (q57desti)

File: nhts-2003-over15-v1

Overview

Type: Discrete	Valid cases: 1376
Format: numeric	Invalid: 115867
Width: 8	
Decimals: 0	
Range: 1001-9999	

mode used for the longest part of the business trip (q58bmode)

File: nhts-2003-over15-v1

Overview

Type: Discrete	Valid cases: 1385
Format: numeric	Invalid: 115858
Width: 8	
Decimals: 0	
Range: 1-9	

another place in rsa regarded as home (q59other)

File: nhts-2003-over15-v1

another place in rsa regarded as home (q59other)

File: nhts-2003-over15-v1

Overview

Type: Discrete
 Format: numeric
 Width: 8
 Decimals: 0
 Range: 1-9

Valid cases: 38717
 Invalid: 78526

use of public transport for home visits (q510publ)

File: nhts-2003-over15-v1

Overview

Type: Discrete
 Format: numeric
 Width: 8
 Decimals: 0
 Range: 1-9

Valid cases: 6965
 Invalid: 110278

number of home visits in the past month (q511ntri)

File: nhts-2003-over15-v1

Overview

Type: Discrete
 Format: numeric
 Width: 8
 Decimals: 0
 Range: 1-99

Valid cases: 2977
 Invalid: 114266

home area (q512migr)

File: nhts-2003-over15-v1

Overview

Type: Discrete
 Format: numeric
 Width: 8
 Decimals: 0
 Range: 1001-9999

Valid cases: 2985
 Invalid: 114258

mode used for the longest part of the trip home (q513migr)

File: nhts-2003-over15-v1

Overview

Type: Discrete
 Format: numeric
 Width: 8
 Decimals: 0
 Range: 1-9

Valid cases: 2988
 Invalid: 114255

trip cost home (q514migr)

File: nhts-2003-over15-v1

trip cost home (q514migr)

File: nhts-2003-over15-v1

Overview

Type: Discrete	Valid cases: 2984
Format: numeric	Invalid: 114259
Width: 8	
Decimals: 0	
Range: 0-9999	

day of the week on which travelled home (q515migr)

File: nhts-2003-over15-v1

Overview

Type: Discrete	Valid cases: 2987
Format: numeric	Invalid: 114256
Width: 8	
Decimals: 0	
Range: 1-9	

main place of work (q516work)

File: nhts-2003-over15-v1

Overview

Type: Discrete	Valid cases: 38773
Format: numeric	Invalid: 78470
Width: 8	
Decimals: 0	
Range: 1-9	

weight (weight)

File: nhts-2003-over15-v1

Overview

Type: Continuous	Valid cases: 117243
Format: numeric	Invalid: 0
Width: 9	Minimum: 0.3
Decimals: 0	Maximum: 5800.1
Range: 0.292754143476486-5800.08251953125	Mean: 271.7
	Standard deviation: 234.5

(district)

File: nhts-2003-over15-v1

Overview

Type: Continuous	Valid cases: 117243
Format: numeric	Invalid: 0
Width: 8	Minimum: 11
Decimals: 0	Maximum: 96
Range: 11-96	Mean: 52.5
	Standard deviation: 24.5

classification (newclass)

File: nhts-2003-over15-v1

Overview

Type: Discrete	Valid cases: 117243
Format: numeric	Invalid: 0
Width: 8	
Decimals: 0	
Range: 1-3	

monthly worker income (persinco)

File: nhts-2003-over15-v1

Overview

Type: Discrete	Valid cases: 34977
Format: numeric	Invalid: 82266
Width: 9	
Decimals: 0	
Range: 44-999999	

(mdistric)

File: nhts-2003-over15-v1

Overview

Type: Continuous	Valid cases: 2985
Format: numeric	Invalid: 114258
Width: 8	Minimum: 11
Decimals: 0	Maximum: 5025
Range: 11-5025	Mean: 59.8
	Standard deviation: 94

(bdistric)

File: nhts-2003-over15-v1

Overview

Type: Continuous	Valid cases: 1376
Format: numeric	Invalid: 115867
Width: 8	Minimum: 11
Decimals: 0	Maximum: 5025
Range: 11-5025	Mean: 64.3
	Standard deviation: 233.2

selected psu (eapsu)

File: nhts-2003-person-v1

Overview

Type: Discrete
 Format: character
 Width: 12

Valid cases: 171561
 Invalid: 0

selected dwelling number (dwellnr)

File: nhts-2003-person-v1

Overview

Type: Continuous
 Format: numeric
 Width: 8
 Decimals: 0
 Range: 1-806

Valid cases: 171561
 Invalid: 0
 Minimum: 1
 Maximum: 806
 Mean: 81
 Standard deviation: 66.3

household number (hhnr)

File: nhts-2003-person-v1

Overview

Type: Discrete
 Format: numeric
 Width: 8
 Decimals: 0
 Range: 1-13

Valid cases: 171561
 Invalid: 0

person number (personnr)

File: nhts-2003-person-v1

Overview

Type: Continuous
 Format: numeric
 Width: 8
 Decimals: 0
 Range: 1-30

Valid cases: 171561
 Invalid: 0
 Minimum: 1
 Maximum: 30
 Mean: 3.2
 Standard deviation: 2.3

province (prov)

File: nhts-2003-person-v1

Overview

Type: Discrete
 Format: numeric
 Width: 8
 Decimals: 0
 Range: 1-9

Valid cases: 171561
 Invalid: 0

taz (taznr)

File: nhts-2003-person-v1

taz (taznr)

File: nhts-2003-person-v1

Overview

Type: Discrete	Valid cases: 171561
Format: numeric	Invalid: 0
Width: 8	
Decimals: 0	
Range: 1001-9040	

stayed nights (b_4night)

File: nhts-2003-person-v1

Overview

Type: Discrete	Valid cases: 171561
Format: numeric	Invalid: 0
Width: 8	
Decimals: 0	
Range: 1-2	

gender (c_gender)

File: nhts-2003-person-v1

Overview

Type: Discrete	Valid cases: 171432
Format: numeric	Invalid: 129
Width: 8	
Decimals: 0	
Range: 1-9	

age (d_age)

File: nhts-2003-person-v1

Overview

Type: Discrete	Valid cases: 171468
Format: numeric	Invalid: 93
Width: 8	
Decimals: 0	
Range: 0-999	

race (e_race)

File: nhts-2003-person-v1

Overview

Type: Discrete	Valid cases: 171519
Format: numeric	Invalid: 42
Width: 8	
Decimals: 0	
Range: 1-9	

limitation in daily activities (q21disab)

File: nhts-2003-person-v1

limitation in daily activities (q21disab)

File: nhts-2003-person-v1

Overview

Type: Discrete	Valid cases: 171518
Format: numeric	Invalid: 43
Width: 8	
Decimals: 0	
Range: 1-9	

sight (q22sight)

File: nhts-2003-person-v1

Overview

Type: Discrete	Valid cases: 3989
Format: numeric	Invalid: 167572
Width: 8	
Decimals: 0	
Range: 1-8	

hearing (q22heari)

File: nhts-2003-person-v1

Overview

Type: Discrete	Valid cases: 3989
Format: numeric	Invalid: 167572
Width: 8	
Decimals: 0	
Range: 1-8	

communicating (q22commu)

File: nhts-2003-person-v1

Overview

Type: Discrete	Valid cases: 3983
Format: numeric	Invalid: 167578
Width: 8	
Decimals: 0	
Range: 1-8	

physical (q22physi)

File: nhts-2003-person-v1

Overview

Type: Discrete	Valid cases: 3996
Format: numeric	Invalid: 167565
Width: 8	
Decimals: 0	
Range: 1-9	

intellectual (q22intel)

File: nhts-2003-person-v1

intellectual (q22intel)

File: nhts-2003-person-v1

Overview

Type: Discrete
 Format: numeric
 Width: 8
 Decimals: 0
 Range: 1-9

Valid cases: 3985
 Invalid: 167576

emotional (q22emoti)

File: nhts-2003-person-v1

Overview

Type: Discrete
 Format: numeric
 Width: 8
 Decimals: 0
 Range: 1-9

Valid cases: 3981
 Invalid: 167580

other (q22other)

File: nhts-2003-person-v1

Overview

Type: Discrete
 Format: numeric
 Width: 8
 Decimals: 0
 Range: 1-9

Valid cases: 3983
 Invalid: 167578

travelled on day before the interview (q23trave)

File: nhts-2003-person-v1

Overview

Type: Discrete
 Format: numeric
 Width: 8
 Decimals: 0
 Range: 1-9

Valid cases: 171496
 Invalid: 65

reasons for not travelling (q24whyno)

File: nhts-2003-person-v1

Overview

Type: Discrete
 Format: numeric
 Width: 8
 Decimals: 0
 Range: 1-99

Valid cases: 42255
 Invalid: 129306

travelled to work (q25twork)

File: nhts-2003-person-v1

travelled to work (q25twork)

File: nhts-2003-person-v1

Overview

Type: Discrete
 Format: numeric
 Width: 8
 Decimals: 0
 Range: 1-9

Valid cases: 128339
 Invalid: 43222

travelled to education (q25teduc)

File: nhts-2003-person-v1

Overview

Type: Discrete
 Format: numeric
 Width: 8
 Decimals: 0
 Range: 1-9

Valid cases: 128329
 Invalid: 43232

travelled to shops (q25tshop)

File: nhts-2003-person-v1

Overview

Type: Discrete
 Format: numeric
 Width: 8
 Decimals: 0
 Range: 1-9

Valid cases: 128249
 Invalid: 43312

travelled to look for work (q25tlook)

File: nhts-2003-person-v1

Overview

Type: Discrete
 Format: numeric
 Width: 8
 Decimals: 0
 Range: 1-9

Valid cases: 128249
 Invalid: 43312

travelled to medical services (q25tmed)

File: nhts-2003-person-v1

Overview

Type: Discrete
 Format: numeric
 Width: 8
 Decimals: 0
 Range: 1-9

Valid cases: 128248
 Invalid: 43313

travelled to welfare (q25twelf)

File: nhts-2003-person-v1

travelled to welfare (q25twelf)

File: nhts-2003-person-v1

Overview

Type: Discrete
 Format: numeric
 Width: 8
 Decimals: 0
 Range: 1-9

Valid cases: 128232
 Invalid: 43329

travelled to visit (q25tvisi)

File: nhts-2003-person-v1

Overview

Type: Discrete
 Format: numeric
 Width: 8
 Decimals: 0
 Range: 1-9

Valid cases: 128233
 Invalid: 43328

travelled to sport, recreation (q25tspor)

File: nhts-2003-person-v1

Overview

Type: Discrete
 Format: numeric
 Width: 8
 Decimals: 0
 Range: 1-9

Valid cases: 128249
 Invalid: 43312

travelled to church (q25tchur)

File: nhts-2003-person-v1

Overview

Type: Discrete
 Format: numeric
 Width: 8
 Decimals: 0
 Range: 1-9

Valid cases: 128226
 Invalid: 43335

travelled to other (q25tothe)

File: nhts-2003-person-v1

Overview

Type: Discrete
 Format: numeric
 Width: 8
 Decimals: 0
 Range: 1-9

Valid cases: 128261
 Invalid: 43300

number of days used a train (q26train)

File: nhts-2003-person-v1

number of days used a train (q26train)

File: nhts-2003-person-v1

Overview

Type: Discrete	Valid cases: 171310
Format: numeric	Invalid: 251
Width: 8	
Decimals: 0	
Range: 0-9	

number of days used a bus (q26bus)

File: nhts-2003-person-v1

Overview

Type: Discrete	Valid cases: 171321
Format: numeric	Invalid: 240
Width: 8	
Decimals: 0	
Range: 0-9	

number of days used a metered taxi (q26metta)

File: nhts-2003-person-v1

Overview

Type: Discrete	Valid cases: 171319
Format: numeric	Invalid: 242
Width: 8	
Decimals: 0	
Range: 0-9	

number of days used minibus-taxi (q26minib)

File: nhts-2003-person-v1

Overview

Type: Discrete	Valid cases: 171334
Format: numeric	Invalid: 227
Width: 8	
Decimals: 0	
Range: 0-9	

number of days used a sedan-taxi (q26sedan)

File: nhts-2003-person-v1

Overview

Type: Discrete	Valid cases: 171320
Format: numeric	Invalid: 241
Width: 8	
Decimals: 0	
Range: 0-9	

number of days used a bakkie-taxi (q26bakki)

File: nhts-2003-person-v1

number of days used a bakkie-taxi (q26bakkie)

File: nhts-2003-person-v1

Overview

Type: Discrete	Valid cases: 171311
Format: numeric	Invalid: 250
Width: 8	
Decimals: 0	
Range: 0-9	

number of days used a car, bakkie, other (q26car)

File: nhts-2003-person-v1

Overview

Type: Discrete	Valid cases: 171331
Format: numeric	Invalid: 230
Width: 8	
Decimals: 0	
Range: 0-9	

number of days used a truck/lorry (q26truck)

File: nhts-2003-person-v1

Overview

Type: Discrete	Valid cases: 171317
Format: numeric	Invalid: 244
Width: 8	
Decimals: 0	
Range: 0-9	

number of days used a motorcycle/scooter (q26mcycl)

File: nhts-2003-person-v1

Overview

Type: Discrete	Valid cases: 171312
Format: numeric	Invalid: 249
Width: 8	
Decimals: 0	
Range: 0-9	

number of days used a bicycle (q26bike)

File: nhts-2003-person-v1

Overview

Type: Discrete	Valid cases: 171316
Format: numeric	Invalid: 245
Width: 8	
Decimals: 0	
Range: 0-9	

number of days used an animal transport (q26anima)

File: nhts-2003-person-v1

number of days used an animal transport (q26anima)

File: nhsts-2003-person-v1

Overview

Type: Discrete	Valid cases: 171316
Format: numeric	Invalid: 245
Width: 8	
Decimals: 0	
Range: 0-9	

number of days used an aircraft (q26aircr)

File: nhsts-2003-person-v1

Overview

Type: Discrete	Valid cases: 171317
Format: numeric	Invalid: 244
Width: 8	
Decimals: 0	
Range: 0-9	

number of days used other (q26other)

File: nhsts-2003-person-v1

Overview

Type: Discrete	Valid cases: 171314
Format: numeric	Invalid: 247
Width: 8	
Decimals: 0	
Range: 0-9	

holiday trips during the past year (q27holid)

File: nhsts-2003-person-v1

Overview

Type: Discrete	Valid cases: 171438
Format: numeric	Invalid: 123
Width: 8	
Decimals: 0	
Range: 1-9	

number of holiday trips undertaken (q28nrhol)

File: nhsts-2003-person-v1

Overview

Type: Discrete	Valid cases: 15204
Format: numeric	Invalid: 156357
Width: 8	
Decimals: 0	
Range: 1-99	

place visited (last holiday trip) (q29holpl)

File: nhsts-2003-person-v1

place visited (last holiday trip) (q29holpl)

File: nhts-2003-person-v1

Overview

Type: Discrete	Valid cases: 15305
Format: numeric	Invalid: 156256
Width: 8	
Decimals: 0	
Range: 1001-9999	

mode of transport (last holiday trip) (q210holm)

File: nhts-2003-person-v1

Overview

Type: Discrete	Valid cases: 15410
Format: numeric	Invalid: 156151
Width: 8	
Decimals: 0	
Range: 1-9	

highest level of education (q31educ)

File: nhts-2003-person-v1

Overview

Type: Discrete	Valid cases: 170966
Format: numeric	Invalid: 595
Width: 8	
Decimals: 0	
Range: 0-99	

current attendance (q32goedu)

File: nhts-2003-person-v1

Overview

Type: Discrete	Valid cases: 171380
Format: numeric	Invalid: 181
Width: 8	
Decimals: 0	
Range: 1-9	

educational institution currently being attended (q33eduty)

File: nhts-2003-person-v1

Overview

Type: Discrete	Valid cases: 60917
Format: numeric	Invalid: 110644
Width: 8	
Decimals: 0	
Range: 1-9	

attending fulltime or part-time (q34atten)

File: nhts-2003-person-v1

attending fulltime or part-time (q34atten)

File: nhts-2003-person-v1

Overview

Type: Discrete	Valid cases: 60941
Format: numeric	Invalid: 110620
Width: 8	
Decimals: 0	
Range: 1-9	

analysis area of educational institution (q35eduta)

File: nhts-2003-person-v1

Overview

Type: Discrete	Valid cases: 59718
Format: numeric	Invalid: 111843
Width: 8	
Decimals: 0	
Range: 1001-9999	

departure time for educational institution (q36dtime)

File: nhts-2003-person-v1

Overview

Type: Discrete	Valid cases: 59096
Format: numeric	Invalid: 112465
Width: 8	
Decimals: 0	
Range: 100-9999	

arrival time at educational institution (q37atime)

File: nhts-2003-person-v1

Overview

Type: Discrete	Valid cases: 58679
Format: numeric	Invalid: 112882
Width: 8	
Decimals: 0	
Range: 110-9999	

mode of transport to educational institution (q38mode)

File: nhts-2003-person-v1

Overview

Type: Discrete	Valid cases: 59464
Format: numeric	Invalid: 112097
Width: 8	
Decimals: 0	
Range: 1-99	

cost of mode of transport to get to the institution (q39cost)

File: nhts-2003-person-v1

cost of mode of transport to get to the institution (q39cost)

File: nhts-2003-person-v1

Overview

Type: Discrete	Valid cases: 11601
Format: numeric	Invalid: 159960
Width: 12	
Decimals: 0	
Range: 0-999999	

unit of payment (q310unit)

File: nhts-2003-person-v1

Overview

Type: Discrete	Valid cases: 7828
Format: numeric	Invalid: 163733
Width: 8	
Decimals: 0	
Range: 1-9	

(weight)

File: nhts-2003-person-v1

Overview

Type: Continuous	Valid cases: 171561
Format: numeric	Invalid: 0
Width: 9	Minimum: 0.3
Decimals: 0	Maximum: 5800.1
Range: 0.292754143476486-5800.08251953125	Mean: 270.5
	Standard deviation: 231

monthly cost per education (costperm)

File: nhts-2003-person-v1

Overview

Type: Discrete	Valid cases: 57853
Format: numeric	Invalid: 113708
Width: 9	
Decimals: 0	
Range: 0-999999	

classification (newclass)

File: nhts-2003-person-v1

Overview

Type: Discrete	Valid cases: 171561
Format: numeric	Invalid: 0
Width: 8	
Decimals: 0	
Range: 1-3	

district (district)

File: nhts-2003-person-v1

Overview

Type: Discrete
Format: numeric
Width: 8
Decimals: 0
Range: 11-96

Valid cases: 171561
Invalid: 0

selected psu (eapsu)

File: nhts-2003-worktrip-v1

Overview

Type: Discrete	Valid cases: 35033
Format: character	Invalid: 0
Width: 12	

selected dwelling unit number (dwellnr)

File: nhts-2003-worktrip-v1

Overview

Type: Continuous	Valid cases: 35033
Format: numeric	Invalid: 0
Width: 8	Minimum: 1
Decimals: 0	Maximum: 806
Range: 1-806	Mean: 92.1
	Standard deviation: 72.4

household number (hhnr)

File: nhts-2003-worktrip-v1

Overview

Type: Discrete	Valid cases: 35033
Format: numeric	Invalid: 0
Width: 8	
Decimals: 0	
Range: 1-13	

person number (personnr)

File: nhts-2003-worktrip-v1

Overview

Type: Continuous	Valid cases: 35033
Format: numeric	Invalid: 0
Width: 8	Minimum: 1
Decimals: 0	Maximum: 23
Range: 1-23	Mean: 1.9
	Standard deviation: 1.1

province (prov)

File: nhts-2003-worktrip-v1

Overview

Type: Discrete	Valid cases: 35033
Format: numeric	Invalid: 0
Width: 8	
Decimals: 0	
Range: 1-9	

transport analysis zone (taznr)

File: nhts-2003-worktrip-v1

transport analysis zone (taznr)

File: nhts-2003-worktrip-v1

Overview

Type: Discrete	Valid cases: 35033
Format: numeric	Invalid: 0
Width: 8	
Decimals: 0	
Range: 1001-9040	

stayed in household for at least four nights (b_4night)

File: nhts-2003-worktrip-v1

Overview

Type: Discrete	Valid cases: 35033
Format: numeric	Invalid: 0
Width: 8	
Decimals: 0	
Range: 1-2	

gender (c_gender)

File: nhts-2003-worktrip-v1

Overview

Type: Discrete	Valid cases: 35018
Format: numeric	Invalid: 15
Width: 8	
Decimals: 0	
Range: 1-9	

age (d_age)

File: nhts-2003-worktrip-v1

Overview

Type: Discrete	Valid cases: 35011
Format: numeric	Invalid: 22
Width: 8	
Decimals: 0	
Range: 15-999	

population group (e_race)

File: nhts-2003-worktrip-v1

Overview

Type: Discrete	Valid cases: 35028
Format: numeric	Invalid: 5
Width: 8	
Decimals: 0	
Range: 1-9	

main place of work (q61workl)

File: nhts-2003-worktrip-v1

main place of work (q61workl)

File: nhts-2003-worktrip-v1

Overview

Type: Discrete
 Format: numeric
 Width: 8
 Decimals: 0
 Range: 1001-9999

Valid cases: 34899
 Invalid: 134

departure time (q62depti)

File: nhts-2003-worktrip-v1

Overview

Type: Discrete
 Format: numeric
 Width: 8
 Decimals: 0
 Range: 100-9999

Valid cases: 34892
 Invalid: 141

arrival time (q63artim)

File: nhts-2003-worktrip-v1

Overview

Type: Discrete
 Format: numeric
 Width: 8
 Decimals: 0
 Range: 100-9999

Valid cases: 34768
 Invalid: 265

walk all the way to work (q64walk)

File: nhts-2003-worktrip-v1

Overview

Type: Discrete
 Format: numeric
 Width: 8
 Decimals: 0
 Range: 1-9

Valid cases: 34988
 Invalid: 45

cycle all the way to work (q65cycle)

File: nhts-2003-worktrip-v1

Overview

Type: Discrete
 Format: numeric
 Width: 8
 Decimals: 0
 Range: 1-9

Valid cases: 25803
 Invalid: 9230

drive all the way to work (q66drive)

File: nhts-2003-worktrip-v1

drive all the way to work (q66drive)

File: nhts-2003-worktrip-v1

Overview

Type: Discrete	Valid cases: 25442
Format: numeric	Invalid: 9591
Width: 8	
Decimals: 0	
Range: 1-9	

vehicles driven to work (q67vhcle)

File: nhts-2003-worktrip-v1

Overview

Type: Discrete	Valid cases: 9596
Format: numeric	Invalid: 25437
Width: 8	
Decimals: 0	
Range: 1-9	

regularly in need of vehicle to work (q68vhwor)

File: nhts-2003-worktrip-v1

Overview

Type: Discrete	Valid cases: 9591
Format: numeric	Invalid: 25442
Width: 8	
Decimals: 0	
Range: 1-9	

drop/pick up passengers on the way to work (q69liftt)

File: nhts-2003-worktrip-v1

Overview

Type: Discrete	Valid cases: 9598
Format: numeric	Invalid: 25435
Width: 8	
Decimals: 0	
Range: 1-9	

drop/pick up passengers from work (q610lift)

File: nhts-2003-worktrip-v1

Overview

Type: Discrete	Valid cases: 9599
Format: numeric	Invalid: 25434
Width: 8	
Decimals: 0	
Range: 1-9	

transfer modes during work trip (q611tran)

File: nhts-2003-worktrip-v1

transfer modes during work trip (q611tran)

File: nhts-2003-worktrip-v1

Overview

Type: Discrete	Valid cases: 15821
Format: numeric	Invalid: 19212
Width: 8	
Decimals: 0	
Range: 1-9	

first mode to work (q612mode)

File: nhts-2003-worktrip-v1

Overview

Type: Discrete	Valid cases: 15765
Format: numeric	Invalid: 19268
Width: 8	
Decimals: 0	
Range: 1-99	

second mode to work (q612mo_a)

File: nhts-2003-worktrip-v1

Overview

Type: Discrete	Valid cases: 2858
Format: numeric	Invalid: 32175
Width: 8	
Decimals: 0	
Range: 1-99	

third mode to work (q612mo_b)

File: nhts-2003-worktrip-v1

Overview

Type: Discrete	Valid cases: 211
Format: numeric	Invalid: 34822
Width: 8	
Decimals: 0	
Range: 1-99	

fourth mode to work (q612mo_c)

File: nhts-2003-worktrip-v1

Overview

Type: Discrete	Valid cases: 18
Format: numeric	Invalid: 35015
Width: 8	
Decimals: 0	
Range: 1-99	

travel cost for first mode to work (q613cost)

File: nhts-2003-worktrip-v1

travel cost for first mode to work (q613cost)

File: nhts-2003-worktrip-v1

Overview

Type: Discrete
 Format: numeric
 Width: 12
 Decimals: 0
 Range: 0-99999

Valid cases: 15763
 Invalid: 19270

travel cost for second mode to work (q613co_a)

File: nhts-2003-worktrip-v1

Overview

Type: Discrete
 Format: numeric
 Width: 12
 Decimals: 0
 Range: 0-99999

Valid cases: 2305
 Invalid: 32728

travel cost for third mode to work (q613co_b)

File: nhts-2003-worktrip-v1

Overview

Type: Discrete
 Format: numeric
 Width: 12
 Decimals: 0
 Range: 0-99999

Valid cases: 170
 Invalid: 34863

travel cost for fourth mode to work (q613co_c)

File: nhts-2003-worktrip-v1

Overview

Type: Discrete
 Format: numeric
 Width: 8
 Decimals: 0
 Range: 300-99999

Valid cases: 10
 Invalid: 35023

type of ticket for first mode to work (q614unit)

File: nhts-2003-worktrip-v1

Overview

Type: Discrete
 Format: numeric
 Width: 8
 Decimals: 0
 Range: 1-9

Valid cases: 15714
 Invalid: 19319

type of ticket for second mode to work (q614un_a)

File: nhts-2003-worktrip-v1

type of ticket for second mode to work (q614un_a)

File: nhts-2003-worktrip-v1

Overview

Type: Discrete	Valid cases: 2251
Format: numeric	Invalid: 32782
Width: 8	
Decimals: 0	
Range: 1-9	

type of ticket for third mode to work (q614un_b)

File: nhts-2003-worktrip-v1

Overview

Type: Discrete	Valid cases: 171
Format: numeric	Invalid: 34862
Width: 8	
Decimals: 0	
Range: 1-9	

type of ticket for fourth mode to work (q614un_c)

File: nhts-2003-worktrip-v1

Overview

Type: Discrete	Valid cases: 10
Format: numeric	Invalid: 35023
Width: 8	
Decimals: 0	
Range: 1-9	

cash or tickets from employer for public transport (q615allo)

File: nhts-2003-worktrip-v1

Overview

Type: Discrete	Valid cases: 15750
Format: numeric	Invalid: 19283
Width: 8	
Decimals: 0	
Range: 1-9	

value of cash or tickets from employer (q616valu)

File: nhts-2003-worktrip-v1

Overview

Type: Discrete	Valid cases: 519
Format: numeric	Invalid: 34514
Width: 8	
Decimals: 0	
Range: 0-9999	

walking time to first transport to work (q617walk)

File: nhts-2003-worktrip-v1

walking time to first transport to work (q617walk)

File: nhts-2003-worktrip-v1

Overview

Type: Discrete	Valid cases: 15621
Format: numeric	Invalid: 19412
Width: 8	
Decimals: 0	
Range: 0-999	

waiting time for first transport to work (q618wait)

File: nhts-2003-worktrip-v1

Overview

Type: Discrete	Valid cases: 15634
Format: numeric	Invalid: 19399
Width: 8	
Decimals: 0	
Range: 0-999	

walking time at the end of the trip to work (q619walk)

File: nhts-2003-worktrip-v1

Overview

Type: Discrete	Valid cases: 15591
Format: numeric	Invalid: 19442
Width: 8	
Decimals: 0	
Range: 0-999	

other workers in the household (q620work)

File: nhts-2003-worktrip-v1

Overview

Type: Discrete	Valid cases: 34489
Format: numeric	Invalid: 544
Width: 8	
Decimals: 0	
Range: 1-9	

weight (fweight)

File: nhts-2003-worktrip-v1

Overview

Type: Continuous	Valid cases: 35033
Format: numeric	Invalid: 0
Width: 9	Minimum: 0.3
Decimals: 0	Maximum: 5800.1
Range: 0.292754143476486-5800.08251953125	Mean: 284.2
	Standard deviation: 252

main mode to work (mainmode)

File: nhts-2003-worktrip-v1

Overview

Type: Discrete	Valid cases: 35033
Format: numeric	Invalid: 0
Width: 8	
Decimals: 0	
Range: 1-17	

classification (newclass)

File: nhts-2003-worktrip-v1

Overview

Type: Discrete	Valid cases: 35033
Format: numeric	Invalid: 0
Width: 8	
Decimals: 0	
Range: 1-3	

(district)

File: nhts-2003-worktrip-v1

Overview

Type: Continuous	Valid cases: 35033
Format: numeric	Invalid: 0
Width: 8	Minimum: 11
Decimals: 0	Maximum: 96
Range: 11-96	Mean: 52.2
	Standard deviation: 24.9

monthly income of worker (persinco)

File: nhts-2003-worktrip-v1

Overview

Type: Discrete	Valid cases: 31223
Format: numeric	Invalid: 3810
Width: 9	
Decimals: 0	
Range: 44-999999	

transport cost to work (totcost)

File: nhts-2003-worktrip-v1

Overview

Type: Discrete	Valid cases: 14126
Format: numeric	Invalid: 20907
Width: 9	
Decimals: 0	
Range: 0-999999	

proportion of income spent on transport (percent)

File: nhts-2003-worktrip-v1

Overview

Type: Discrete
Format: numeric
Width: 8
Decimals: 0
Range: 0-888888

Valid cases: 13376
Invalid: 21657

(wdistric)

File: nhts-2003-worktrip-v1

Overview

Type: Discrete
Format: numeric
Width: 8
Decimals: 0
Range: 11-5025

Valid cases: 34899
Invalid: 134

Documentation

Questionnaires

National Household Travel Survey 2003

Title	National Household Travel Survey 2003
Date	2003-01-01
Country	South Africa
Language	English
Contributor(s)	This is the questionnaire for the survey.
Description	This document is the questionnaire for the National Household Travel Survey 2013
Filename	q-nhts-2003.pdf

Reports

Key Results of the National Household Travel Survey

Title	Key Results of the National Household Travel Survey
Country	South Africa
Language	English
Publisher(s)	Statistics South Africa
Description	The NHTS 2013 Release is the final report from the survey.
Filename	nhts-2003-key-results.pdf

South Africa's first travel survey: 2003

Title	South Africa's first travel survey: 2003
Country	South Africa
Language	English
Filename	nhts-2003-keynote.pdf

Technical documents

National Transport Survey Meta-data 2003

Title	National Transport Survey Meta-data 2003
Date	2005-01-01
Country	South Africa
Language	English
Contributor(s)	This document provides a description of the survey background, plus data file and data usage information.
Publisher(s)	Statistics South Africa
Description	The NHTS 2013 Metadata file provides a detailed description of the data from the survey
Filename	nhst-2003-metadata.pdf

Technical Report: The First South African National Household Travel Survey 2003

Title	Technical Report: The First South African National Household Travel Survey 2003
Country	South Africa
Language	English
Contributor(s)	This is the technical report from the Department of Transport
Filename	nhts-2003-technical-report.pdf

Other materials

Code list B: Industry classification code list

Title	Code list B: Industry classification code list
Country	South Africa
Language	English
Contributor(s)	This is the list of codes for industries which was used for the survey.
Filename	nhts-2003-industry-codes.pdf

Code List C: Occupation

Title	Code List C: Occupation
Country	South Africa
Language	English
Contributor(s)	This is the code list used for occupations for the survey
Filename	nhts-2003-occupation-codes.pdf

Code List A: Transport Problems

Title	Code List A: Transport Problems
Country	South Africa
Language	English
Contributor(s)	This is a list of codes used for transport problems listed by respondents in the survey
Filename	nhts-2003-transport-problem-codes.pdf
