South Africa - Community Survey 2007

Statistics South Africa

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Sampling

Sampling Procedure

Sample Design

The sampling procedure that was adopted for the CS was a two-stage stratified random sampling process. Stage one involved the selection of enumeration
areas, and stage tow was the selection of dwelling units.

Since the data are required for each local municipality, each municipality was considered as an explicit stratum. The stratification is done for those municipalities classified as category B municipalities (local municipalities) and category A municipalities (metropolitan areas) as proclaimed at the time of Census 2001. However, the newly proclaimed boundaries as well as any other higher level of geography such as province or district municipality, were considered as any other domain variable based on their link to the smallest geographic unit - the enumeration area.

The Frame

The Census 2001 enumeration areas were used because they give a full geographic coverage of the country without any overlap. Although changes in settlement type, growth or movement of people have occurred, the enumeration areas assisted in getting a spatial comparison over time. Out of 80 787 enumeration areas countrywide, 79 466 were considered in the frame. A total of 1 321 enumeration areas were excluded (919 covering institutions and 402 recreational areas).

On the second level, the listing exercise yielded the dwelling frame which facilitated the selection of dwellings to be visited. The dwelling unit is a structure or part of a structure or group of structures occupied or meant to be occupied by one or more households. Some of these structures may be vacant and/or under construction, but can be lived in at the time of the survey. A dwelling unit may also be within collective
living quarters where applicable (examples of each are a house, a group of huts, a flat, hostels, etc.).

The Community Survey universe at the second-level frame is dependent on whether the different structures are classified as dwelling units (DUs) or not. Structures where people stay/live were listed and classified as dwelling units. However, there are special cases of collective living quarters that were also included in the CS frame. These are religious institutions such as convents or monasteries, and guesthouses where people stay for an extended period (more than a month). Student residences - based on how long people have stayed (more than a month) - and old-age homes not similar to hospitals (where people are living in a communal set-up) were treated the same as hostels, thereby listing either the bed or room. In addition, any other family staying in separate quarters within the premises of an institution (like wardens' quarters, military family quarters, teachers' quarters and medical staff quarters) were considered as part of the CS frame. The inclusion of such group quarters in the frame is based on the living circumstances within these structures. Members are independent of each other with the exception that they sleep under one roof.

The remaining group quarters were excluded from the CS frame because they are difficult to access and have no stable composition. Excluded dwelling types were prisons, hotels, hospitals, military barracks, etc. This is in addition to the exclusion on first level of the enumeration areas (EAs) classified as institutions (military bases) or recreational areas (national parks).

The Selection of Enumeration Areas (EAs)

The EAs within each municipality were ordered by geographic type and EA type. The selection was done by using systematic random sampling. The criteria used were as follows:
In municipalities with fewer than 30 EAs, all EAs were automatically selected.
In municipalities with 30 or more EAs, the sample selection used a fixed proportion of 19% of all sampled EAs. However, if the selected EAs in a municipality were less than 30 EAs, the sample in the municipality was increased to 30 EAs.

The Selection of Dwelling Units

The second level of the frame required a full re-listing of dwelling units. The listing exercise was undertaken before the selection of DUs. The adopted listing methodology ensured that the listing route was determined by the lister. Thisapproach facilitated the serpentine selection of dwelling units. The listing exercise provided a complete list of dwelling units in the selected EAs. Only those structures that were classified as dwelling units were considered for selection, whether vacant or occupied. This exercise yielded a total of 2 511 314 dwelling units.

The selection of the dwelling units was also based on a fixed proportion of 10% of the total listed dwellings in an EA. A constraint was imposed on small-size EAs where, if the listed dwelling units were less than 10 dwellings, the selection was increased to 10 dwelling units. All households within the selected dwelling units were covered. There was no replacement of refusals, vacant dwellings or non-contacts owing to
their impact on the probability of selection.

Response Rate

Community Survey 2007 Response Rates

Total number of dwelling units - 274 348 dwelling units
Completed cases responding - 238 067 dwelling units (93,9%)
Non-response cases - 15393 dwelling units (6,1%)
Invalid or out-of-scope cases - 20 888 dwelling units

Weighting

The Weights Calculation

The Community Survey sample has equal probabilities for all elements in the cluster which make it a self-weighting systematic random sample. Since the sample is stratified by municipalities as demarcated at the time of Census 2001, the inclusion probability of selection of an EA at the first level of selection, and the dwelling unit at the second level of selection, is the product of first and second-level probabilities. Also, since all households within the dwelling unit are considered, their probability of being in the dwelling unit is always one.

Questionnaires

Overview

Consultation on Questionnaire Design
Ten stakeholder workshops were held across the country during August and September 2004. Approximately 367 stakeholders, predominantly from national, provincial and local government departments, as well as from research and educational institutions, attended. The workshops aimed to achieve two objectives, namely to better understand the type of information stakeholders need to meet their objectives, and to consider the proposed data items to be included in future household surveys. The output from this process was a set of data items relating to a
specific, defined focus area and outcomes that culminated with the data collection instrument (see Annexure B for all the data items).

Questionnaire Design
The design of the CS questionnaire was household-based and intended to collect information on 10 people. It was developed in line with the household-based survey questionnaires conducted by Stats SA. The questions were based on the data items generated out of the consultation process described above. Both the design and questionnaire layout were pre-tested in October 2005 and adjustments were made
for the pilot in February 2006. Further adjustments were done after the pilot results had been finalised.

Data Collection

Data Collection Dates

Start	End	Cycle
2007-02	2007-03	N/A

Data Collection Mode

Face-to-face [f2f]

DATA COLLECTION NOTES

Training of Fieldworkers

Training was planned and executed at national, provincial and district levels. The trainees at national level did the training at provincial level, and those that were trained at provincial level did the training at district level. The cascade method of training was at three levels. Training was initiated by subject matter specialists training the trainers at Head Office. The national trainers trained Provincial Survey Coordinators (PSCs), District Survey Coordinators (DSCs), Mapping Monitors (MMs) and GIS Officers at national level. The DSCs trained Fieldwork Coordinators (FWCs) at provincial level with the supervision and monitoring of the PSCs and Head Office monitors. Finally, FWCs trained Fieldwork
Supervisors (FWSs) and Enumerators at district level.

During the training of fieldworkers, video training technology was used in addition to the instructor-led training approach. Although video training can never replace the trainer completely, it offered an ideal opportunity to access large numbers of trainees, in different training venues, at different times, with customised training solutions, quickly and cost effectively. After facilitation by the trainer during training sessions, a training video was used to consolidate knowledge learnt and to clarify issues that were not clear to trainees during training.

Every training session was evaluated by both the trainees and trainers. Trainers completed a daily evaluation form in order to identify problems that trainees had experienced during that particular day's training. Areas that needed remedial training were revisited the following day.

Enumeration

The main objective of enumeration is to collect and document particulars of all individuals and housing units with the selected respondent(s).
The adopted enumeration method for CS 2007 was canvassing, whereby the enumerator conducts a face-to-face interview with the respondent while simultaneously completing the questionnaire. The Community Survey adopted both the de jure and de facto approach in order to compare with other Stats SA social statistics definitions as well as to give a comparison over time between the censuses with the ultimate objective of having two estimates of the population – the de jure population estimates are mostly useful for long-term planning, and the de facto
population estimates are mostly used for demographic estimations.

Enumerators visited the selected sampled dwelling units to interview households and ensure that the information required from them was captured on the questionnaires. Self-enumeration was not allowed. The enumeration was carried out over a three week period with a non-response follow-up period of one week as planned, that is on 7 February 2007. The mop-up exercise was carried out from 1 to 7 March. This
included follow-up on non-contacts, vacant dwellings, and unoccupied dwellings. However, due to the high number of dwelling units that were being mapped for the non- response follow-up period, the contracts of enumerators were extended beyond 28 February to assist the supervisors during that period.

Quality Assurance

The FWS and FWC conducted 100% quality checks for accuracy and completeness on all completed questionnaires. In addition, the DSCs, PSCs and Monitors also did quality checks on randomly selected questionnaires and DUs and addressed problematic questions as they came up. In addition, the FWC did 2% spot checks of selected dwelling units within their assigned fieldwork coordination unit to minimise
bogus enumeration. Training played a big role in ensuring good quality data from the field. At district level, retraining was done in areas where fieldwork monitors felt that the work was not of the expected quality. A close watch was also kept on individual enumerators, and Fieldwork Supervisors and Fieldwork Coordinators who had problems performing according to expectations were retrained where necessary. Their work was also checked more frequently.

FWS were required to package questionnaires in their EA boxes and hand them over to the FWCs soon after the completion of the EA. The FWCs were required to sign for the receipt of the boxes after verifying the contents of the boxes. They were in turn required to hand over the completed boxes to the DLOs for reverse logistics. DLOs were also required to sign for the receipt of the boxes after verifying the contents of the boxes. The boxes were then stored in designed storage areas awaiting shipping back to the data processing centre in Pretoria.

Progress reporting for data collection was done on a daily basis. Provinces were provided with procedures and timelines for progress reporting and were able to report progress on a daily basis though at the initial stages, there were problems as outlined below.

The Pilot Survey

A pilot survey was conducted in February 2006. The purpose of the pilot was to test all the developed strategies, methodologies, systems, and the questionnaire. A total of 782 EAs were covered in the pilot survey. During the pilot survey the effectiveness of instruments, processes and methods used within the scope of the CS were tested. A range of lessons were learnt which led to the refinement of processes, methods and systems towards the main survey.

Data Collectors

Name	Abbreviation	Affiliation
Statistics South Africa	SSA	

SUPERVISION

Supervision

The data collection approach revolved around the use of a mobile team of four enumerators and a supervisor. The team was assigned a fixed number of EAs to enumerate. The team worked together in each sampled EA and moved to the next one once the targeted EA had been completed. The advantage of this method was that the supervisor was in daily contact with the team, which improved the quality of
the data collected during fieldwork. During enumeration, supervisors (who doubled up as drivers) and their teams of four enumerators each, identified the selected EA. They then dropped off each enumerator at a selected dwelling unit, and ascertained that each enumerator had been accepted to conduct the interview. They picked up the enumerator who had completed the interview and immediately checked the questionnaire for errors, consistency and completeness. Where errors were found, the enumerator was sent back to the household to correct the information that had been recorded. If the supervisors were satisfied, they signed off the questionnaire and stored it in a safe place. Supervisors did the same for all the members of their teams until the EA had been completed. The team then moved to another selected EA.

Based on the number of sampled EAs (17 098), 1 182 teams comprising 1 182 Fieldwork Supervisors and 4 728 enumerators were formed. Each team was expected to enumerate about 16-20 EAs in three weeks, with an additional one week assigned for non-contacts and refusals. The supervisors were supervised by 236 Fieldwork Coordinators (FWCs), resulting in a Fieldwork Coordinator-to-Supervisor ratio of 1:5. Fieldwork Coordinators were supervised by 55 District Survey Coordinators (DSCs), resulting in a DSC-to-FWC ratio of 1:4. The DSCs were
supervised by nine Provincial Survey Coordinators (PSCs), resulting in a PSC-to-DSC ratio of approximately 1:6. The PSCs were based in their respective provincial offices. They coordinated data collection for their assigned province. The 55 DSCs were based in 55 district offices (DOs) that were temporarily created specifically for CS 2007. Each of the 236 FWCs had a temporary local office or fieldwork station that was used as a base during the fieldwork phase of the project, and also for the training of enumerators and supervisors attached to them.

Data Processing

Data Editing

Editing
The automated cleaning was implemented based on an editing rules specification defined with reference to the approved questionnaire. Most of the editing rules were categorised into structural edits looking into the relationship between different record type, the minimum processability rules that removed false positive readings or noise, the logical editing that determine the inconsistency between fields of the same statistical unit, and the inferential editing that search similarities across the domain. The edit specifications document for the structural, population, mortality and housing edits was developed by a team of Stats SA subject-matter specialists, demographers, and programmers. The process was successfully carried out during the months of July/August 2007.

Other Processing

Data Processing

Data processing refers to a class of programmes that organise and manipulate usually large amounts of numeric data. Data processing involved the processing of completed questionnaires. Information received from questionnaires collected during fieldwork was converted into data represented by numbers or characters. The two methods used for this conversion were manual capturing (key-entry) and scanning. The scanning method was used as the main process and the key-entry application was used for questionnaires that were damaged and not scannable.

High-Level Processes
In general, the high-level processes covered the following activities:
Boxes were received and questionnaires were checked to ensure that:
1) they belonged to the box; and
2) were not damaged.
Data were then captured and converted into electronic format through scanning or Key-from-Paper (KFP). Thereafter, an account of all sampled dwelling units was prepared and data were balanced to verify whether the data collected for each household contained the four sections – General, Persons, Mortality, and Household.
Data were then checked for consistency and prepared for final output based on the tabulation plan.

Data Capturing

Two methods were used for capturing the data, namely scanning and manual capturing (key-entry).

Scanning
The scanning process proceeded as follows:
The data processor scanned the box number, and then entered the estimated number of pages in each batch. At this stage, the batches were ready to be scanned. One box at a time was given to each of the six Scanning Operators to avoid scanning the questionnaires twice. The batches were then taken out of the box and placed next to the tray on the scanner. The box number was then scanned using the small hand-held scanner and the number of pages per batch was entered into the Input Station.

A visual check was performed on the scanning to ensure that the images were clear of any noise and that the data were clear and readable. The barcode as well as the actual data on the questionnaire was checked. In the case where the image was either too light or too dark, parameters were adjusted and the batch was rescanned. Validations were automatically executed to confirm scanning parameters and image
quality. Questionnaires that could not be scanned were de-activated from their boxes and assigned to a new box. Images were transferred to the server and their barcodes were tracked. These questionnaires were then sent to Key-from-Paper.

Manual Capturing (Key-from-Paper)
Key-from-Paper (KFP) is an application for manual data capturing. The application was developed to capture questionnaires that were not suitable for scanning. Such questionnaires included those which were torn or where pencil entries were not bold enough for the interpretation of the scanner, or those that were in a bad condition. Duplicate application was created for quality assurance purposes. The same questionnaires that were captured in application one, were also captured on application two. Each questionnaire captured in both applications, was compared to one another using corresponding fields. Validation checks were not implemented in the applications. The application was used by data processors to capture information as was reflected on the questionnaires. EA and DU numbers were placed into the look-up table to validate the sampled frame. In cases where an EA or DU was found to be invalid, the EA Summary Book was then used for corrections.

Coding of Open-Ended Questions
Coding is the process of assigning numerical values to responses to facilitate data capturing and processing in general. The code lists for occupation and industry were based on the International Standard Classifications done to the five-digit level. The variables covered were occupation, industry, and place names.

Data Appraisal

Other forms of Data Appraisal

Quality assurance was a feature of questionnaire design in the survey, as well as the listing of structures, fieldwork (through extensive training and supervision and regular quality checks in the field). Automated and manual editing were carried out as part of the post-capture process during July/August 2007 to ensure data consistency.

Cautionary note:

The Community Survey results were released on 24 October 2007. After the evaluation of the data by the Stats Council, the Community Survey was found to be comparable in many aspects with other Stats SA surveys, censuses and other external sources. However, there are some areas of concern where Statistics South Africa is urging users to be more cautious when using the Community Survey data.

The main concerns are:

The institutional population is merely an approximation to 2001 numbers and it is not new data.
The measure of unemployment in the Community Survey is higher and less reliable due to the differences in questions asked relative to the normal Labour Force Surveys.
The income includes unreasonably high income for children due to presumably misinterpretation of the question, e.g. listing parent's income for the child.
The distribution of households by province has very little congruence with the General Household Survey or Census 2001.
The interpretation of grants or those receiving grants need to be done with caution.
Since the Community Survey is based on random sample and not a Census, any interpretation should be understood to have some random fluctuation in data, particularly concerning the small population for some cells. The user should understand that the figures are within a certain interval of confidence.

Users should be aware of these statements as part of the cautionary notes:

The household estimates at municipal level differ slightly from the national and provincial estimates in terms of the household variables profile;
The Community Survey has considered as an add-on an approximation of population in areas not covered by the survey, such as institutions and recreational areas. This approximation of people could not provide the number of those households (i.e. institutions). Thus, there is no household record for those people approximated as living out of CS scope;
Any cross-tabulation giving small numbers at municipal level should be interpreted with caution such as taking small value in given table's cell as likely over or under estimation of the true population;
No reliance should be placed on numbers for variables broken down at municipal level (i.e. age, population group etc.). However, the aggregated total number per municipality provides more reliable estimates;

Usually a zero total figure (excluding those in institutions) reflects the fact that no sample was realised and in such cases this is likely to be a significant underestimate of the true population.
As an extension from the above statement, in a number of instances the number realised in the sample, though not zero, was very small (maybe as low as a single individual) and in some cases had to be re-weighted by a very large factor (maximum nearly 800 for housing weight and over 1000 for person weight).
As a further consequence, small sub-populations are likely to be heavily over- or under-represented at a household level in the data.
It should be noted that the estimates were done with the use of the de-facto population and not the de-jure population. The final presentation of results is presented on the de-jure population.

File Description

Variable List

CS 2007 Housing Imputation Flags_v1

Content	Imputation flags for the Housing file
Cases	246618
Variable(s)	21
Structure	Type: Keys: ()
Version	01
Producer	Statistics South Africa
Missing Data	

Variables

ID	Name	Label	Type	Format	Question
V289	sn	Unique household identifier	contin	numeric	
V290	scope_status	Scope status of survey	discrete	numeric	
V291	fh01	Type of main dwelling	discrete	numeric	
V292	fh02	Rooms	discrete	numeric	
V293	fh03	Access to water	discrete	numeric	
V294	fh04	Service provider	discrete	numeric	
V295	fh05	Distance from water access point	discrete	numeric	
V296	fh06	Toilet facilities	discrete	numeric	
V297	fh07	Energy/Fuel used for cooking	discrete	numeric	
V298	fh08	Energy/Fuel used for heating	discrete	numeric	
V299	fh09	Energy/Fuel used for lighting	discrete	numeric	
V300	fh10a	Household goods: Refrigerator	discrete	numeric	
V301	fh10b	Household goods: Radio	discrete	numeric	
V302	fh10d	Household goods: Television	discrete	numeric	
V303	fh10c	Household goods: Computer	discrete	numeric	
V304	fh10e	Household goods: Telephone	discrete	numeric	
V305	fh10f	Household goods: Internet facilities	discrete	numeric	
V306	fh10g	Household goods: Post facilities	discrete	numeric	
V307	fh10h	Household goods: Cell phone	discrete	numeric	
V308	fh11	Tenure status	discrete	numeric	
V309	fh12	Refuse disposal	discrete	numeric	

CS 2007 Person Imputation Flags_v1

Content	Imputation flags for the Person file
Cases	1047652
Variable(s)	27
Structure	Type: relational Keys: sn(Unique household identifier), p01_pers_num(Person number)
Version	1.0
Producer	Statistics South Africa
Missing Data	

Variables

ID	Name	Label	Type	Format	Question
V310	sn	Unique household identifier	contin	numeric	
V311	scope_status	Scope status of survey	discrete	numeric	
V312	p01_pers_num	Person number	contin	numeric	
V313	fp03	Age	discrete	numeric	
V314	fp04	Sex	discrete	numeric	
V315	fp05	Usually Stay	discrete	numeric	
V316	fp06	Last Night Stay	discrete	numeric	
V317	fp07	Relationship	discrete	numeric	
V318	fp08	Marital Status	discrete	numeric	
V319	fp10	Population group	discrete	numeric	
V320	fp11	Province of birth	discrete	numeric	
V321	fp16	Five years ago	discrete	numeric	
V322	fp17b	Period of movement	discrete	numeric	
V323	fp18	Province of previous residence	discrete	numeric	
V324	fp23	Disability Intensity	discrete	numeric	
V325	fp24	Social grant	discrete	numeric	
V326	fp26	School Attendance	discrete	numeric	
V327	fp27	Educational Institution	discrete	numeric	
V328	fp28	Public or Independent Institution	discrete	numeric	
V329	fp29	Level of Education	discrete	numeric	
V330	fp32	Reasons for not working	discrete	numeric	
V331	fp33	Availability for work	discrete	numeric	
V332	fp36	Work Status	discrete	numeric	
V333	fp37	Business type	discrete	numeric	
V334	fp48	Mother alive	discrete	numeric	
V335	fp50	Father alive	discrete	numeric	
V336	fp52	Income category	discrete	numeric	

CS 2007 Housing_v1.2_20111206

Content	The housing file contains data related to section H of the questionnaire, dealing with housing and household services
Cases	246618
Variable(s)	29
Structure	Type: Keys: ()
Version	
Producer	Statistics South Africa
Missing Data	

Variables

ID	Name	Label	Type	Format	Question
V372	SN	Serial number	discrete	character	
V373	Scope_Status	Scope status of survey	discrete	numeric	
V374	H01_Hu	Type of main dwelling	discrete	numeric	H-01. Which of the following types best describes the main dwelling unit that this household occupies?
V375	H02_Rooms	Number of rooms	discrete	character	H-02. How many rooms, including kitchens, are there for this household?
V376	H03_Water_Access	Access to water	discrete	numeric	H-03. In which way does this household obtain WATER for domestic use?
V377	H04_Serv_Prov	Service provider for water	discrete	numeric	H-04. Does the household get water from the Municipality (Regional/Local water scheme)?
V378	H05_Water_Distance	Distance from water access point	discrete	numeric	H-05. What is the distance from water access point?
V379	H06_Toilet_Facil	Toilet facilities	discrete	numeric	H-06. What is the MAIN type of TOILET facility available for use by this household?
V380	H07_Cooking	Energy/fuel used for cooking	discrete	numeric	H-07. What type of energy/fuel does this household MAINLY use for cooking?
V381	H08_Heating	Energy/fuel used for heating	discrete	numeric	H-08. What type of energy/fuel does this household MAINLY use for heating?
V382	H09_Lighting	Energy/fuel used for lighting	discrete	numeric	H-09. What type of energy/fuel does this household MAINLY use for lighting?
V383	H10A_Fridge	Household goods: Refrigerator	discrete	numeric	H-10. Does the household have any of the following? a. Refrigerator
V384	H10B_Radio	Household goods: Radio	discrete	numeric	H-10. Does the household have any of the following? b. Radio
V385	H10D_Computer	Household goods: Computer	discrete	numeric	H-10. Does the household have any of the following? d. Computer
V386	H10C_Television	Household goods: Television	discrete	numeric	H-10. Does the household have any of the following? c. Television
V387	H10E_Telephone	Household goods: Telephone	discrete	numeric	H-10. Does the household have any of the following? e. Landline telephone
V388	H10F_Internet	Household goods: Internet facilities	discrete	numeric	H-10. Does the household have any of the following? f. Internet facilities at home
V389	H10G_Postfacil	Household goods: Post facilities	discrete	numeric	H-10. Does the household have any of the following? g. Post facilities (Mail postbox)

ID	Name	Label	Type	Format	Question
V390	H10H_Cell	Household goods: Cell phone	discrete	numeric	H-10. Does the household have any of the following? h. Cellphone
V391	H11_Tenure	Tenure status	discrete	numeric	H-11. What is the tenure status of this household?
V392	H12_Refuse	Refuse disposal	discrete	numeric	H-12. How is the refuse or rubbish from this household MAINLY disposed of?
V393	HHIncome	Annual household income	discrete	numeric	
V394	Weight	Weight	contin	numeric	
V395	Prv2001_Code	Province code: 2001	discrete	numeric	
V396	Prv2005_Code	Province code: 2005	discrete	numeric	
V397	DC2001_Code	DC code: 2001	discrete	numeric	
V398	DC2005_Code	DC code: 2005	discrete	numeric	
V399	Mun2001_Code	Municipality code: 2001	discrete	numeric	
V400	Mun2005_Code	Municipality code: 2005	discrete	numeric	

CS 2007_Mortality_v1.2_20111206

Content	The Mortality file contains data related to section I of the questionnaire.
Cases	14969
Variable(s)	15
Structure	Type: Keys: ()
Version	
Producer	Statistics South Africa
Missing Data	

Variables

ID	Name	Label	Type	Format	Question
V401	SN	Serial number	discrete	character	
V402	Scope_Status	Scope status of survey	discrete	numeric	
V403	M04_MO	Month of death	discrete	numeric	M-04. What was the month and year of (the deceased)'s death?
V404	M04_YR	Year of death	discrete	numeric	M-04. What was the month and year of (the deceased)'s death?
V405	M05_SEX	Sex of deceased	discrete	numeric	M-05. Was the (deceased) male or female?
V406	M06_AGE	Age of deceased	discrete	numeric	M-06. What was the (the deceased)'s age in completed years at the time of death?
V407	M07_CAUSE	Cause of death	discrete	numeric	M-07. What caused the death of (the deceased)?
V408	M08_PREGNANT	Pregnant at time of death	discrete	numeric	M-08. Was (the deceased) pregnant at time of death or died within six weeks after delivery?
V409	Weight	Mortality weight	contin	numeric	
V410	Prv2001_Code	Province code: 2001	discrete	character	
V411	Prv2005_Code	Province code: 2005	discrete	character	
V412	DC2001_Code	DC code: 2001	discrete	character	
V413	DC2005_Code	DC code: 2005	discrete	character	
V414	Mun2001_Code	Municipality code: 2001	discrete	character	
V415	Mun2005_Code	Municipality code: 2005	discrete	character	

CS 2007_Persons_v1.2_20111206

Content	The Persons file contains data related to section A, B, C, D, E, F and G of the questionnaire. This includes data on demographics, migration, disability and social grants, education, employment and economic activities and parental survival and income.
Cases	1047652
Variable(s)	57
Structure	Type: Keys: ()
Version	
Producer	Statistics South Africa
Missing Data	

Variables

ID	Name	Label	Type	Format	Question
V416	SN	Serial number	discrete	character	
V417	Scope_Status	Scope status of survey	discrete	character	
V418	P01_Pers_Num	Person number	discrete	character	P-01 Person number
V419	P03_Age	Age	discrete	character	P-01. Age
V420	P04_Sex	Sex	discrete	character	P-01. Sex
V421	P05_Usual_Stay	Usually stay	discrete	character	P-05. Does (the person) usually live in this household for at least four nights a week and has done so over the last four weeks?
V422	P06_Lastnight_Stay	Last night stay	discrete	character	P-06. Did (the person) stay in this household last night?
V423	P07_Relation	Relationship	discrete	character	P-07. What is (the person)'s relationship to the head or acting head of the household?
V424	P08_Marital_St	Marital status	discrete	character	P-08. What is (the person)'s PRESENT marital status?
V425	P10_Pop_Group	Population group	discrete	character	P-10. How would (the person) describe himself/herself in terms of propulation group?
V426	P11_Born_Prov	Province of birth	discrete	character	P-11. In which province in South Africa was (the person) born?
V427	P16_Fiveyears_Ago	Five years ago	discrete	character	P-16. Was (the person) living in this dwelling in October 2001?
V428	P17B_Year_Move	Period of movement	discrete	character	P-17. In which year and month did (the person) move to this dwelling?
V429	P18_PrevProv_Res	Province of previous residence	discrete	character	P-18. In which province did (the person) live before moving to this dwelling?
V430	DER03_Disability	Disability type	discrete	character	
V431	P23_Disa_Prevent	Disability intensity	discrete	character	P-23. Does the disability seriously prevent (the person) from full participation in life activities (such as education, work, social life, etc.)?
V432	P24_Any_Grant	Social grant	discrete	character	P-24. Does (the person) receive any social / government grant?
V433	DER04_Social	Type of social grant	discrete	character	
V434	P26_Attendance	School attendance	discrete	character	P-26. Does (the person) presently attend an educational institution?
V435	P27_Institution	Educational institution	discrete	character	P-27. Which of the following educational institutions does (the person) attend?

ID	Name	Label	Type	Format	Question
V436	P28_Pub_Priv	Public or independent institution	discrete	character	P-28. Is the institution (the person) attends public (government) or independent (private)?
V437	P29_Level_Educ	Level of education	discrete	character	P-29. What is the highest level of education that (the person) has completed?
V438	DER01_Veso	Employment status	discrete	character	
V439	P32_Why_Not	Reasons for not working	discrete	character	P-32. Why did (the person) not work during the past seven days?
V440	P33_Availability	Availability for work	discrete	character	P-33. If a suitable job is offered, how soon can (the person) start work?
V441	P36_Work_Status	Work status	discrete	character	P-36. How can one describe (the person)'s main activity or work status best?
V442	P37_Sector	Business type	discrete	character	P-37. Is the organisation/company/business/enterprise/branch where (the person) works, in the formal or informal sector?
V443	Occupation	Occupation	discrete	character	P-38. What is the main occupation of (the person) in this workplace?
V444	Industry	Industry	discrete	character	P-39b. What is the main business/function of the company that (the person) works (main economic activity) for?
V445	P48_Mother	Mother alive	discrete	character	P-48. Is (the person)'s own biological mother still alive?
V446	P50_Father	Father alive	discrete	character	P-50. Is (the person)'s own biological father still alive?
V447	P52_Income_Category	Monthly income category	discrete	character	P-52. What is the income category that best describes the gross monthly or annual income of (the person) before deductions and including all sources of income?
V448	P40_LIVECHILD	Total births	discrete	character	P-40. Has (the person) ever given birth to a live child even if the child died soon after birth?
V449	P41TCEB	Total children ever born	discrete	character	P-41. a. How many children has (the person) ever had that were born alive, even if they died soon after birth
V450	P41MCEB	Male children ever born	discrete	character	P-41. b. How many are boys?
V451	P41FCEB	Female children ever born	discrete	character	P-41. c. How many are girls?
V452	P42TCS	Total children surviving and living in this household	discrete	character	P-42. a. How many of (the person)'s children are still alive and living with her in this household, including grown-ups?
V453	P42MCS	Male children surviving and living in this household	discrete	character	P-42.b. How many are boys?
V454	P42FCS	Female children surviving and living in this household	discrete	character	P-42.c. How many are girls?
V455	P43TCS	Total children surviving and living elsewhere	discrete	character	P-43. a. How many of (the person)'s children are still alive and living elsewhere, including grown-ups?
V456	P43MCS	Male children surviving and living elsewhere	discrete	character	P-43. b. How many are boys?
V457	P43FCS	Female children surviving and living elsewhere	discrete	character	P-43. c. How many are girls?

ID	Name	Label	Type	Format	Question
V458	P44TCD	Total children no longer alive	discrete	character	P-44. a. How many of (the person)'s children are no longer alive?
V459	P44MCD	Males no longer alive	discrete	character	P-44. b. How many were boys?
V460	P44FCD	Females no longer alive	discrete	character	P-44. c. How many were girls?
V461	P45LASTDAY	Last child born day	discrete	character	P-45. If the person has ever given live birth: When was (the person)'s last child born, even if the child died soon after birth?
V462	P45LASTMO	Last child born month	discrete	character	P-45. If the person has ever given live birth: When was (the person)'s last child born, even if the child died soon after birth?
V463	P45LASTYR	Last child born year	discrete	character	P-45. If the person has ever given live birth: When was (the person)'s last child born, even if the child died soon after birth?
V464	P46LASTSX	Last child born sex	discrete	character	P-46. Is (the person)'s last born child male or female?
V465	P47lASTVS	Last born child alive	discrete	character	P-47. Is (the person)'s last born child still alive?
V466	Weight	Weight	contin	numeric	
V467	Prv2001_Code	Province code: 2001	discrete	character	
V468	Prv2005_Code	Province code: 2005	discrete	character	
V469	DC2001_Code	DC code: 2001	discrete	character	
V470	DC2005_Code	DC code: 2005	discrete	character	
V471	Mun2001_Code	Municipality code: 2001	discrete	character	
V472	Mun2005_Code	Municipality code: 2005	discrete	character	

Unique household identifier (sn)
File: CS 2007 Housing Imputation Flags_v1

Overview

Type: Continuous
Format: numeric
Width: 9
Decimals: 0
Range: 500000201-500753885

Valid cases: 246618
Invalid: 0
Minimum: 500000201
Maximum: 500753885
Mean: 500323210.3
Standard deviation: 200097.4

Scope status of survey (scope_status)
File: CS 2007 Housing Imputation Flags_v1

Overview

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

Valid cases: 246618
Invalid: 0

Type of main dwelling (fh01)
File: CS 2007 Housing Imputation Flags_v1

Overview

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

Valid cases: 246618
Invalid: 0

Rooms (fh02)
File: CS 2007 Housing Imputation Flags_v1

Overview

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

Valid cases: 246618
Invalid: 0

Access to water (fh03)
File: CS 2007 Housing Imputation Flags_v1

Overview

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

Valid cases: 246618
Invalid: 0

Service provider (fh04)
File: CS 2007 Housing Imputation Flags_v1

Overview

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

Valid cases: 246618
Invalid: 0

Distance from water access point (fh05)
File: CS 2007 Housing Imputation Flags_v1

Overview

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

Valid cases: 246618
Invalid: 0

Toilet facilities (fh06)
File: CS 2007 Housing Imputation Flags_v1

Overview

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

Valid cases: 246618
Invalid: 0

Energy/Fuel used for cooking (fh07)
File: CS 2007 Housing Imputation Flags_v1

Overview

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

Valid cases: 246618
Invalid: 0

Energy/Fuel used for heating (fh08)
File: CS 2007 Housing Imputation Flags_v1

Overview

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

Valid cases: 246618
Invalid: 0

Energy/Fuel used for lighting (fh09)
File: CS 2007 Housing Imputation Flags_v1

Overview

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

Valid cases: 246618
Invalid: 0

Household goods: Refrigerator (fh10a)
File: CS 2007 Housing Imputation Flags_v1

Overview

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

Valid cases: 246618
Invalid: 0

Household goods: Radio (fh10b)
File: CS 2007 Housing Imputation Flags_v1

Overview

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

Valid cases: 246618
Invalid: 0

Household goods: Television (fh10d)
File: CS 2007 Housing Imputation Flags_v1

Overview

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

Valid cases: 246618
Invalid: 0

Household goods: Computer (fh10c)
File: CS 2007 Housing Imputation Flags_v1

Overview

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

Valid cases: 246618
Invalid: 0

Household goods: Telephone (fh10e)
File: CS 2007 Housing Imputation Flags_v1

Overview

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

Valid cases: 246618
Invalid: 0

Household goods: Internet facilities (fh10f)
File: CS 2007 Housing Imputation Flags_v1

Overview

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

Valid cases: 246618
Invalid: 0

Household goods: Post facilities (fh10g)
File: CS 2007 Housing Imputation Flags_v1

Overview

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

Valid cases: 246618
Invalid: 0

Household goods: Cell phone (fh10h)
File: CS 2007 Housing Imputation Flags_v1

Overview

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

Valid cases: 246618
Invalid: 0

Tenure status (fh11)
File: CS 2007 Housing Imputation Flags_v1

Overview

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

Valid cases: 246618
Invalid: 0

Refuse disposal (fh12)
File: CS 2007 Housing Imputation Flags_v1

Overview

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

Valid cases: 246618
Invalid: 0

Unique household identifier (sn)
File: CS 2007 Person Imputation Flags_v1

Overview

Type: Continuous
Format: numeric
Width: 9
Decimals: 0
Range: 500000201-900098552

Valid cases: 1047652
Invalid: 0
Minimum: 500000201
Maximum: 900098552
Mean: 537927940.4
Standard deviation: 116689461.1

Scope status of survey (scope_status)
File: CS 2007 Person Imputation Flags_v1

Overview

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

Valid cases: 1047652
Invalid: 0

Person number (p01_pers_num)
File: CS 2007 Person Imputation Flags_v1

Overview

Type: Continuous
Format: numeric
Width: 2
Decimals: 0
Range: 1-32

Valid cases: 1047652
Invalid: 0
Minimum: 1
Maximum: 32
Mean: 3
Standard deviation: 2.3

Age (fp03)
File: CS 2007 Person Imputation Flags_v1

Overview

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

Valid cases: 1047652
Invalid: 0

Sex (fp04)
File: CS 2007 Person Imputation Flags_v1

Overview

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

Valid cases: 1047652
Invalid: 0

Usually Stay (fp05)
File: CS 2007 Person Imputation Flags_v1

Overview

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

Valid cases: 1047652
Invalid: 0

Last Night Stay (fp06)
File: CS 2007 Person Imputation Flags_v1

Overview

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

Valid cases: 1047652
Invalid: 0

Relationship (fp07)
File: CS 2007 Person Imputation Flags_v1

Overview

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

Valid cases: 1047652
Invalid: 0

Marital Status (fp08)
File: CS 2007 Person Imputation Flags_v1

Overview

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

Valid cases: 1047652
Invalid: 0

Population group (fp10)
File: CS 2007 Person Imputation Flags_v1

Overview

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

Valid cases: 1047652
Invalid: 0

Province of birth (fp11)
File: CS 2007 Person Imputation Flags_v1

Overview

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

Valid cases: 1047652
Invalid: 0

Five years ago (fp16)
File: CS 2007 Person Imputation Flags_v1

Overview

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

Valid cases: 1047652
Invalid: 0

Period of movement (fp17b)
File: CS 2007 Person Imputation Flags_v1

Overview

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

Valid cases: 1047652
Invalid: 0

Province of previous residence (fp18)
File: CS 2007 Person Imputation Flags_v1

Overview

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

Valid cases: 1047652
Invalid: 0

Disability Intensity (fp23)
File: CS 2007 Person Imputation Flags_v1

Overview

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

Valid cases: 1047652
Invalid: 0

Social grant (fp24)
File: CS 2007 Person Imputation Flags_v1

Overview

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

Valid cases: 1047652
Invalid: 0

School Attendance (fp26)
File: CS 2007 Person Imputation Flags_v1

Overview

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

Valid cases: 1047652
Invalid: 0

Educational Institution (fp27)
File: CS 2007 Person Imputation Flags_v1

Overview

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

Valid cases: 1047652
Invalid: 0

Public or Independent Institution (fp28)
File: CS 2007 Person Imputation Flags_v1

Overview

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

Valid cases: 1047652
Invalid: 0

Level of Education (fp29)
File: CS 2007 Person Imputation Flags_v1

Overview

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

Valid cases: 1047652
Invalid: 0

Reasons for not working (fp32)
File: CS 2007 Person Imputation Flags_v1

Overview

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

Valid cases: 1047652
Invalid: 0

Availability for work (fp33)
File: CS 2007 Person Imputation Flags_v1

Overview

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

Valid cases: 1047652
Invalid: 0

Work Status (fp36)
File: CS 2007 Person Imputation Flags_v1

Overview

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

Valid cases: 1047652
Invalid: 0

Business type (fp37)
File: CS 2007 Person Imputation Flags_v1

Overview

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

Valid cases: 1047652
Invalid: 0

Mother alive (fp48)
File: CS 2007 Person Imputation Flags_v1

Overview

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

Valid cases: 1047652
Invalid: 0

Father alive (fp50)
File: CS 2007 Person Imputation Flags_v1

Overview

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

Valid cases: 1047652
Invalid: 0

Income category (fp52)
File: CS 2007 Person Imputation Flags_v1

Overview

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

Valid cases: 1047652
Invalid: 0

Serial number (SN)
File: CS 2007 Housing_v1.2_20111206

Overview

Type: Discrete
Format: character
Width: 9

Valid cases: 246618
Invalid: 0

Scope status of survey (Scope_Status)
File: CS 2007 Housing_v1.2_20111206

Overview

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

Valid cases: 246618
Invalid: 0

Type of main dwelling (H01_Hu)
File: CS 2007 Housing_v1.2_20111206

Overview

Type: Discrete
Format: numeric
Width: 2
Decimals: 0
Range: 1-12

Valid cases: 246618
Invalid: 0

Literal question

H-01. Which of the following types best describes the main dwelling unit that this household occupies?

Number of rooms (H02_Rooms)
File: CS 2007 Housing_v1.2_20111206

Overview

Type: Discrete
Format: character
Width: 3

Valid cases: 246618
Invalid: 0

Literal question

H-02. How many rooms, including kitchens, are there for this household?

Access to water (H03_Water_Access)
File: CS 2007 Housing_v1.2_20111206

Overview

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

Valid cases: 246618
Invalid: 0

Literal question

H-03. In which way does this household obtain WATER for domestic use?

Service provider for water (H04_Serv_Prov)
File: CS 2007 Housing_v1.2_20111206

Overview

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

Valid cases: 246618
Invalid: 0

Literal question

H-04. Does the household get water from the Municipality (Regional/Local water scheme)?

Distance from water access point (H05_Water_Distance)
File: CS 2007 Housing_v1.2_20111206

Overview

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

Valid cases: 246618
Invalid: 0

Literal question

H-05. What is the distance from water access point?

Toilet facilities (H06_Toilet_Facil)
File: CS 2007 Housing_v1.2_20111206

Overview

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

Valid cases: 246618
Invalid: 0

Literal question

H-06. What is the MAIN type of TOILET facility available for use by this household?

Energy/fuel used for cooking (H07_Cooking)
File: CS 2007 Housing_v1.2_20111206

Overview

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

Valid cases: 246618
Invalid: 0

Literal question

H-07. What type of energy/fuel does this household MAINLY use for cooking?

Energy/fuel used for heating (H08_Heating)
File: CS 2007 Housing_v1.2_20111206

Energy/fuel used for heating (H08_Heating)
File: CS 2007 Housing_v1.2_20111206

Overview	
Type: Discrete	**Valid cases:** 246618
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-9	

Literal question

H-08. What type of energy/fuel does this household MAINLY use for heating?

Energy/fuel used for lighting (H09_Lighting)
File: CS 2007 Housing_v1.2_20111206

Overview	
Type: Discrete	**Valid cases:** 246618
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-9	

Literal question

H-09. What type of energy/fuel does this household MAINLY use for lighting?

Household goods: Refrigerator (H10A_Fridge)
File: CS 2007 Housing_v1.2_20111206

Overview	
Type: Discrete	**Valid cases:** 246618
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-2	

Literal question

H-10. Does the household have any of the following?
a. Refrigerator

Household goods: Radio (H10B_Radio)
File: CS 2007 Housing_v1.2_20111206

Overview	
Type: Discrete	**Valid cases:** 246618
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-2	

Literal question

H-10. Does the household have any of the following?
b. Radio

Household goods: Computer (H10D_Computer)
File: CS 2007 Housing_v1.2_20111206

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 1-2

Valid cases: 246618
Invalid: 0

Literal question

H-10. Does the household have any of the following?
d. Computer

Household goods: Television (H10C_Television)
File: CS 2007 Housing_v1.2_20111206

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 1-2

Valid cases: 246618
Invalid: 0

Literal question

H-10. Does the household have any of the following?
c. Television

Household goods: Telephone (H10E_Telephone)
File: CS 2007 Housing_v1.2_20111206

Overview

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

Valid cases: 246618
Invalid: 0

Literal question

H-10. Does the household have any of the following?
e. Landline telephone

Household goods: Internet facilities (H10F_Internet)
File: CS 2007 Housing_v1.2_20111206

Overview

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

Valid cases: 246618
Invalid: 0

Literal question

H-10. Does the household have any of the following?
f. Internet facilities at home

Household goods: Post facilities (H10G_Postfacil)
File: CS 2007 Housing_v1.2_20111206

Overview

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

Valid cases: 246618
Invalid: 0

Literal question

H-10. Does the household have any of the following?
g. Post facilities (Mail postbox)

Household goods: Cell phone (H10H_Cell)
File: CS 2007 Housing_v1.2_20111206

Overview

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

Valid cases: 246618
Invalid: 0

Literal question

H-10. Does the household have any of the following?
h. Cellphone

Tenure status (H11_Tenure)
File: CS 2007 Housing_v1.2_20111206

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 1-5

Valid cases: 246618
Invalid: 0

Literal question

H-11. What is the tenure status of this household?

Refuse disposal (H12_Refuse)
File: CS 2007 Housing_v1.2_20111206

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 1-6

Valid cases: 246618
Invalid: 0

Literal question

H-12. How is the refuse or rubbish from this household MAINLY disposed of?

Annual household income (HHIncome)
File: CS 2007 Housing_v1.2_20111206

Overview	

Type: Discrete
Format: numeric
Width: 2
Decimals: 0
Range: 1-13

Valid cases: 246618
Invalid: 0

Weight (Weight)
File: CS 2007 Housing_v1.2_20111206

Overview	

Type: Continuous
Format: numeric
Width: 10
Decimals: 6
Range: 0.565264-798.602507

Valid cases: 246618
Invalid: 0
Minimum: 0.6
Maximum: 798.6
Mean: 50.7
Standard deviation: 20

Province code: 2001 (Prv2001_Code)
File: CS 2007 Housing_v1.2_20111206

Overview	

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

Valid cases: 246618
Invalid: 0

Province code: 2005 (Prv2005_Code)
File: CS 2007 Housing_v1.2_20111206

Overview	

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

Valid cases: 246618
Invalid: 0

DC code: 2001 (DC2001_Code)
File: CS 2007 Housing_v1.2_20111206

Overview	

Type: Discrete
Format: numeric
Width: 3
Decimals: 0
Range: 1-776

Valid cases: 246618
Invalid: 0

DC code: 2005 (DC2005_Code)
File: CS 2007 Housing_v1.2_20111206

Overview

Type: Discrete
Format: numeric
Width: 3
Decimals: 0
Range: 1-776

Valid cases: 246618
Invalid: 0

Municipality code: 2001 (Mun2001_Code)
File: CS 2007 Housing_v1.2_20111206

Overview

Type: Discrete
Format: numeric
Width: 3
Decimals: 0
Range: 81-996

Valid cases: 246618
Invalid: 0

Municipality code: 2005 (Mun2005_Code)
File: CS 2007 Housing_v1.2_20111206

Overview

Type: Discrete
Format: numeric
Width: 3
Decimals: 0
Range: 101-996

Valid cases: 246618
Invalid: 0

Serial number (SN)
File: CS 2007_Mortality_v1.2_20111206

Overview

Type: Discrete
Format: character
Width: 9

Valid cases: 14969
Invalid: 0

Scope status of survey (Scope_Status)
File: CS 2007_Mortality_v1.2_20111206

Overview

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

Valid cases: 14969
Invalid: 0

Month of death (M04_MO)
File: CS 2007_Mortality_v1.2_20111206

Overview

Type: Discrete
Format: numeric
Width: 2
Decimals: 0
Range: 1-12

Valid cases: 14969
Invalid: 0

Literal question

M-04. What was the month and year of (the deceased)'s death?

Year of death (M04_YR)
File: CS 2007_Mortality_v1.2_20111206

Overview

Type: Discrete
Format: numeric
Width: 4
Decimals: 0
Range: 2006-2007

Valid cases: 14969
Invalid: 0

Literal question

M-04. What was the month and year of (the deceased)'s death?

Sex of deceased (M05_SEX)
File: CS 2007_Mortality_v1.2_20111206

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 1-2

Valid cases: 14969
Invalid: 0

Sex of deceased (M05_SEX)
File: CS 2007_Mortality_v1.2_20111206

Literal question

M-05. Was the (deceased) male or female?

Age of deceased (M06_AGE)
File: CS 2007_Mortality_v1.2_20111206

Overview

Type: Discrete
Format: numeric
Width: 3
Decimals: 0
Range: 0-116

Valid cases: 14969
Invalid: 0

Literal question

M-06. What was the (the deceased)'s age in completed years at the time of death?

Cause of death (M07_CAUSE)
File: CS 2007_Mortality_v1.2_20111206

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 1-2

Valid cases: 14969
Invalid: 0

Literal question

M-07. What caused the death of (the deceased)?

Pregnant at time of death (M08_PREGNANT)
File: CS 2007_Mortality_v1.2_20111206

Overview

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

Valid cases: 14969
Invalid: 0

Literal question

M-08. Was (the deceased) pregnant at time of death or died within six weeks after delivery?

Mortality weight (Weight)
File: CS 2007_Mortality_v1.2_20111206

Overview

Type: Continuous
Format: numeric
Width: 10
Decimals: 6
Range: 1.203701-293.614022

Valid cases: 14969
Invalid: 0
Minimum: 1.2
Maximum: 293.6
Mean: 48.7
Standard deviation: 17.6

Province code: 2001 (Prv2001_Code)
File: CS 2007_Mortality_v1.2_20111206

Overview

Type: Discrete
Format: character
Width: 1

Valid cases: 14969
Invalid: 0

Province code: 2005 (Prv2005_Code)
File: CS 2007_Mortality_v1.2_20111206

Overview

Type: Discrete
Format: character
Width: 1

Valid cases: 14969
Invalid: 0

DC code: 2001 (DC2001_Code)
File: CS 2007_Mortality_v1.2_20111206

Overview

Type: Discrete
Format: character
Width: 3

Valid cases: 14969
Invalid: 0

DC code: 2005 (DC2005_Code)
File: CS 2007_Mortality_v1.2_20111206

Overview

Type: Discrete
Format: character
Width: 3

Valid cases: 14969
Invalid: 0

Municipality code: 2001 (Mun2001_Code)
File: CS 2007_Mortality_v1.2_20111206

Overview

Type: Discrete
Format: character
Width: 3

Valid cases: 14969
Invalid: 0

Municipality code: 2005 (Mun2005_Code)
File: CS 2007_Mortality_v1.2_20111206

Overview

Type: Discrete
Format: character
Width: 3

Valid cases: 14969
Invalid: 0

Serial number (SN)
File: CS 2007_Persons_v1.2_20111206

Overview

Type: Discrete
Format: character
Width: 9

Valid cases: 1047652
Invalid: 0

Scope status of survey (Scope_Status)
File: CS 2007_Persons_v1.2_20111206

Overview

Type: Discrete
Format: character
Width: 1

Valid cases: 1047652
Invalid: 0

Person number (P01_Pers_Num)
File: CS 2007_Persons_v1.2_20111206

Overview

Type: Discrete
Format: character
Width: 2

Valid cases: 1047652
Invalid: 0

Literal question

P-01 Person number

Age (P03_Age)
File: CS 2007_Persons_v1.2_20111206

Overview

Type: Discrete
Format: character
Width: 3

Valid cases: 1047652
Invalid: 0

Literal question

P-01. Age

Sex (P04_Sex)
File: CS 2007_Persons_v1.2_20111206

Overview

Type: Discrete
Format: character
Width: 1

Valid cases: 1047652
Invalid: 0

Literal question

P-01. Sex

Usually stay (P05_Usual_Stay)
File: CS 2007_Persons_v1.2_20111206

Usually stay (P05_Usual_Stay)
File: CS 2007_Persons_v1.2_20111206

Overview

Type: Discrete

Format: character

Width: 1

Valid cases: 1047652

Invalid: 0

Literal question

P-05. Does (the person) usually live in this household for at least four nights a week and has done so over the last four weeks?

Last night stay (P06_Lastnight_Stay)
File: CS 2007_Persons_v1.2_20111206

Overview

Type: Discrete

Format: character

Width: 1

Valid cases: 1047652

Invalid: 0

Literal question

P-06. Did (the person) stay in this household last night?

Relationship (P07_Relation)
File: CS 2007_Persons_v1.2_20111206

Overview

Type: Discrete

Format: character

Width: 2

Valid cases: 1047652

Invalid: 0

Literal question

P-07. What is (the person)'s relationship to the head or acting head of the household?

Marital status (P08_Marital_St)
File: CS 2007_Persons_v1.2_20111206

Overview

Type: Discrete

Format: character

Width: 1

Valid cases: 1047652

Invalid: 0

Literal question

P-08. What is (the person)'s PRESENT marital status?

Population group (P10_Pop_Group)
File: CS 2007_Persons_v1.2_20111206

Overview

Type: Discrete

Format: character

Width: 1

Valid cases: 1047652

Invalid: 0

Literal question

P-10. How would (the person) describe himself/herself in terms of propulation group?

Province of birth (P11_Born_Prov)
File: CS 2007_Persons_v1.2_20111206

Overview	
Type: Discrete	Valid cases: 1047652
Format: character	Invalid: 0
Width: 2	

Literal question

P-11. In which province in South Africa was (the person) born?

Five years ago (P16_Fiveyears_Ago)
File: CS 2007_Persons_v1.2_20111206

Overview	
Type: Discrete	Valid cases: 1047652
Format: character	Invalid: 0
Width: 1	

Literal question

P-16. Was (the person) living in this dwelling in October 2001?

Period of movement (P17B_Year_Move)
File: CS 2007_Persons_v1.2_20111206

Overview	
Type: Discrete	Valid cases: 1047652
Format: character	Invalid: 0
Width: 4	

Literal question

P-17. In which year and month did (the person) move to this dwelling?

Province of previous residence (P18_PrevProv_Res)
File: CS 2007_Persons_v1.2_20111206

Overview	
Type: Discrete	Valid cases: 1047652
Format: character	Invalid: 0
Width: 2	

Literal question

P-18. In which province did (the person) live before moving to this dwelling?

Disability type (DER03_Disability)
File: CS 2007_Persons_v1.2_20111206

Overview	
Type: Discrete	Valid cases: 1047652
Format: character	Invalid: 0
Width: 1	

Disability intensity (P23_Disa_Prevent)
File: CS 2007_Persons_v1.2_20111206

Overview

Type: Discrete
Format: character
Width: 1

Valid cases: 1047652
Invalid: 0

Literal question

P-23. Does the disability seriously prevent (the person) from full participation in life activities (such as education, work, social life, etc.)?

Social grant (P24_Any_Grant)
File: CS 2007_Persons_v1.2_20111206

Overview

Type: Discrete
Format: character
Width: 1

Valid cases: 1047652
Invalid: 0

Literal question

P-24. Does (the person) receive any social / government grant?

Type of social grant (DER04_Social)
File: CS 2007_Persons_v1.2_20111206

Overview

Type: Discrete
Format: character
Width: 1

Valid cases: 1047652
Invalid: 0

School attendance (P26_Attendance)
File: CS 2007_Persons_v1.2_20111206

Overview

Type: Discrete
Format: character
Width: 1

Valid cases: 1047652
Invalid: 0

Literal question

P-26. Does (the person) presently attend an educational institution?

Educational institution (P27_Institution)
File: CS 2007_Persons_v1.2_20111206

Overview

Type: Discrete
Format: character
Width: 1

Valid cases: 1047652
Invalid: 0

Literal question

P-27. Which of the following educational institutions does (the person) attend?

Public or independent institution (P28_Pub_Priv)
File: CS 2007_Persons_v1.2_20111206

Overview	
Type: Discrete	Valid cases: 1047652
Format: character	Invalid: 0
Width: 1	

Literal question

P-28. Is the institution (the person) attends public (government) or independent (private)?

Level of education (P29_Level_Educ)
File: CS 2007_Persons_v1.2_20111206

Overview	
Type: Discrete	Valid cases: 1047652
Format: character	Invalid: 0
Width: 2	

Literal question

P-29. What is the highest level of education that (the person) has completed?

Employment status (DER01_Veso)
File: CS 2007_Persons_v1.2_20111206

Overview	
Type: Discrete	Valid cases: 1047652
Format: character	Invalid: 0
Width: 1	

Reasons for not working (P32_Why_Not)
File: CS 2007_Persons_v1.2_20111206

Overview	
Type: Discrete	Valid cases: 1047652
Format: character	Invalid: 0
Width: 2	

Literal question

P-32. Why did (the person) not work during the past seven days?

Availability for work (P33_Availability)
File: CS 2007_Persons_v1.2_20111206

Overview	
Type: Discrete	Valid cases: 1047652
Format: character	Invalid: 0
Width: 1	

Literal question

P-33. If a suitable job is offered, how soon can (the person) start work?

Work status (P36_Work_Status)
File: CS 2007_Persons_v1.2_20111206

Overview

Type: Discrete

Format: character

Width: 1

Valid cases: 1047652

Invalid: 0

Pre question

If YES to any of P-30a to P-30g or P-31

Literal question

P-36. How can one describe (the person)'s main activity or work status best?

Business type (P37_Sector)
File: CS 2007_Persons_v1.2_20111206

Overview

Type: Discrete

Format: character

Width: 1

Valid cases: 1047652

Invalid: 0

Literal question

P-37. Is the organisation/company/business/enterprise/branch where (the person) works, in the formal or informal sector?

Occupation (Occupation)
File: CS 2007_Persons_v1.2_20111206

Overview

Type: Discrete

Format: character

Width: 1

Valid cases: 1047652

Invalid: 0

Literal question

P-38. What is the main occupation of (the person) in this workplace?

Industry (Industry)
File: CS 2007_Persons_v1.2_20111206

Overview

Type: Discrete

Format: character

Width: 1

Valid cases: 1047652

Invalid: 0

Literal question

P-39b. What is the main business/function of the company that (the person) works (main economic activity) for?

Mother alive (P48_Mother)
File: CS 2007_Persons_v1.2_20111206

Overview

Type: Discrete

Format: character

Width: 1

Valid cases: 1047652

Invalid: 0

Literal question

Mother alive (P48_Mother)
File: CS 2007_Persons_v1.2_20111206

P-48. Is (the person)'s own biological mother still alive?

Father alive (P50_Father)
File: CS 2007_Persons_v1.2_20111206

Overview

Type: Discrete
Format: character
Width: 1

Valid cases: 1047652
Invalid: 0

Literal question

P-50. Is (the person)'s own biological father still alive?

Monthly income category (P52_Income_Category)
File: CS 2007_Persons_v1.2_20111206

Overview

Type: Discrete
Format: character
Width: 2

Valid cases: 1047652
Invalid: 0

Literal question

P-52. What is the income category that best describes the gross monthly or annual income of (the person) before deductions and including all sources of income?

Total births (P40_LIVECHILD)
File: CS 2007_Persons_v1.2_20111206

Overview

Type: Discrete
Format: character
Width: 2

Valid cases: 1047652
Invalid: 0

Literal question

P-40. Has (the person) ever given birth to a live child even if the child died soon after birth?

Total children ever born (P41TCEB)
File: CS 2007_Persons_v1.2_20111206

Overview

Type: Discrete
Format: character
Width: 2

Valid cases: 1047652
Invalid: 0

Literal question

P-41. a. How many children has (the person) ever had that were born alive, even if they died soon after birth

Male children ever born (P41MCEB)
File: CS 2007_Persons_v1.2_20111206

Male children ever born (P41MCEB)
File: CS 2007_Persons_v1.2_20111206

Overview

Type: Discrete
Format: character
Width: 2

Valid cases: 1047652
Invalid: 0

Literal question

P-41. b. How many are boys?

Female children ever born (P41FCEB)
File: CS 2007_Persons_v1.2_20111206

Overview

Type: Discrete
Format: character
Width: 2

Valid cases: 1047652
Invalid: 0

Literal question

P-41. c. How many are girls?

Total children surviving and living in this household (P42TCS)
File: CS 2007_Persons_v1.2_20111206

Overview

Type: Discrete
Format: character
Width: 2

Valid cases: 1047652
Invalid: 0

Literal question

P-42. a. How many of (the person)'s children are still alive and living with her in this household, including grown-ups?

Male children surviving and living in this household (P42MCS)
File: CS 2007_Persons_v1.2_20111206

Overview

Type: Discrete
Format: character
Width: 2

Valid cases: 1047652
Invalid: 0

Literal question

P-42.b. How many are boys?

Female children surviving and living in this household (P42FCS)
File: CS 2007_Persons_v1.2_20111206

Overview

Type: Discrete
Format: character
Width: 2

Valid cases: 1047652
Invalid: 0

Literal question

P-42.c. How many are girls?

Total children surviving and living elsewhere (P43TCS)
File: CS 2007_Persons_v1.2_20111206

Overview	
Type: Discrete	Valid cases: 1047652
Format: character	Invalid: 0
Width: 2	

Literal question

P-43. a. How many of (the person)'s children are still alive and living elsewhere, including grown-ups?

Male children surviving and living elsewhere (P43MCS)
File: CS 2007_Persons_v1.2_20111206

Overview	
Type: Discrete	Valid cases: 1047652
Format: character	Invalid: 0
Width: 2	

Literal question

P-43. b. How many are boys?

Female children surviving and living elsewhere (P43FCS)
File: CS 2007_Persons_v1.2_20111206

Overview	
Type: Discrete	Valid cases: 1047652
Format: character	Invalid: 0
Width: 2	

Literal question

P-43. c. How many are girls?

Total children no longer alive (P44TCD)
File: CS 2007_Persons_v1.2_20111206

Overview	
Type: Discrete	Valid cases: 1047652
Format: character	Invalid: 0
Width: 2	

Literal question

P-44. a. How many of (the person)'s children are no longer alive?

Males no longer alive (P44MCD)
File: CS 2007_Persons_v1.2_20111206

Overview	
Type: Discrete	Valid cases: 1047652
Format: character	Invalid: 0
Width: 2	

Literal question

P-44. b. How many were boys?

Females no longer alive (P44FCD)
File: CS 2007_Persons_v1.2_20111206

Overview

Type: Discrete
Format: character
Width: 2

Valid cases: 1047652
Invalid: 0

Literal question

P-44. c. How many were girls?

Last child born day (P45LASTDAY)
File: CS 2007_Persons_v1.2_20111206

Overview

Type: Discrete
Format: character
Width: 2

Valid cases: 1047652
Invalid: 0

Literal question

P-45. If the person has ever given live birth: When was (the person)'s last child born, even if the child died soon after birth?

Last child born month (P45LASTMO)
File: CS 2007_Persons_v1.2_20111206

Overview

Type: Discrete
Format: character
Width: 2

Valid cases: 1047652
Invalid: 0

Literal question

P-45. If the person has ever given live birth: When was (the person)'s last child born, even if the child died soon after birth?

Last child born year (P45LASTYR)
File: CS 2007_Persons_v1.2_20111206

Overview

Type: Discrete
Format: character
Width: 4

Valid cases: 1047652
Invalid: 0

Literal question

P-45. If the person has ever given live birth: When was (the person)'s last child born, even if the child died soon after birth?

Last child born sex (P46LASTSX)
File: CS 2007_Persons_v1.2_20111206

Overview

Type: Discrete
Format: character
Width: 1

Valid cases: 1047652
Invalid: 0

Literal question

P-46. Is (the person)'s last born child male or female?

Last born child alive (P47lASTVS)
File: CS 2007_Persons_v1.2_20111206

Overview	
Type: Discrete	Valid cases: 1047652
Format: character	Invalid: 0
Width: 1	

Literal question

P-47. Is (the person)'s last born child still alive?

Weight (Weight)
File: CS 2007_Persons_v1.2_20111206

Overview	
Type: Continuous	Valid cases: 1047652
Format: numeric	Invalid: 0
Width: 10	Minimum: 0
Decimals: 6	Maximum: 778.2
Range: 0-778.23276	Mean: 46.3
	Standard deviation: 23.8

Province code: 2001 (Prv2001_Code)
File: CS 2007_Persons_v1.2_20111206

Overview	
Type: Discrete	Valid cases: 1047652
Format: character	Invalid: 0
Width: 1	

Province code: 2005 (Prv2005_Code)
File: CS 2007_Persons_v1.2_20111206

Overview	
Type: Discrete	Valid cases: 1047652
Format: character	Invalid: 0
Width: 1	

DC code: 2001 (DC2001_Code)
File: CS 2007_Persons_v1.2_20111206

Overview	
Type: Discrete	Valid cases: 1047652
Format: character	Invalid: 0
Width: 3	

DC code: 2005 (DC2005_Code)
File: CS 2007_Persons_v1.2_20111206

Overview	

DC code: 2005 (DC2005_Code)
File: CS 2007_Persons_v1.2_20111206

Type: Discrete
Format: character
Width: 3

Valid cases: 1047652
Invalid: 0

Municipality code: 2001 (Mun2001_Code)
File: CS 2007_Persons_v1.2_20111206

Overview

Type: Discrete
Format: character
Width: 3

Valid cases: 1047652
Invalid: 0

Municipality code: 2005 (Mun2005_Code)
File: CS 2007_Persons_v1.2_20111206

Overview

Type: Discrete
Format: character
Width: 3

Valid cases: 1047652
Invalid: 0

Related Materials

Questionnaires

Q_CS 2007

Title	Q_CS 2007
Date	2007-01-01
Country	South Africa
Language	English
Publisher(s)	Statistics South Africa
Description	This document is the questionnaire used in the Community Survey 2007
Filename	Q_CS 2007.pdf

Technical documents

CS 2007 Metadata

Title	CS 2007 Metadata
Date	2008-01-01
Country	South Africa
Language	English
Publisher(s)	Statistics South Africa
Description	The metadata file for the Community Survey 2007 is a detailed overview of the survey, including a background to the survey, survey methodology, details on instrument design, sample design and method, data collection, data editing (including imputation). The overview includes a list of data items and the content of each of the data files in the dataset.
Filename	CS 2007 Metadata.pdf

CS 2007 Cautionary Note

Title	CS 2007 Cautionary Note
Date	2008-01-01
Country	South Africa
Language	English
Publisher(s)	Statistics South Africa
Description	This cautionary note on the Community Survey 2007 lists the main concerns data users need to be aware of with regard to the dataset.
Filename	CS 2007 Cautionary Note.pdf