

# South Africa - Community Survey 2016

**Statistics South Africa**

Report generated on: August 15, 2017

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# Sampling

## Sampling Procedure

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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 two 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.

## Weighting

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The main goal of CS 2016 is to produce estimates of key indicators at local municipality level. The sample was designed such that direct survey estimates for these indicators could be produced at municipal level. The weighting approach is based on the sample design. Information on weighting can be found in the technical report.

# Questionnaires

## Overview

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The CS 2016 questionnaire consisted of six main sections, 11 sub-sections and a total of 225 questions. A first draft of the paper questionnaire was developed in February 2015 and various versions were reviewed and updated thereafter based on discussions with stakeholders. The target population of the survey was all persons in the sampled dwelling who were present on the reference night (i.e. the night between 6 and 7 March 2016). The final CAPI questionnaire was made up of three person rosters. One roster was utilised for the person information, one roster for emigration and one roster for mortality.

## Data Collection

### Data Collection Dates

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<b>Start</b>	<b>End</b>	<b>Cycle</b>
2016-03-07	2016-06-03	N/A

### Data Collection Mode

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Face-to-face [f2f]

### Data Collectors

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<b>Name</b>	<b>Abbreviation</b>	<b>Affiliation</b>
Statistics South Africa	StatsSA	

# Data Processing

## Other Processing

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### 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

The Community Survey 2016 data was released in 2017. There are four data files. These are files for households, persons, mortality, and emigration. The emigration file is currently not available. Statistics SA has not provided an explanation for the missing file. DataFirst is working to obtain this file, and will add the data file to the dataset we publish once we have it.

The Community Survey 2016 is also missing employment and income data. Data on employment type and employment status data was collected with questions 3.7.6 - 3.7.6.24 of the questionnaire. Income data was collected with questions 3.7.7. - 3.7.7.4. According to Statistics SA, the data from these questions was not released because changes in collection methodologies resulted in this data not being comparable with the employment and income data in the Quarterly Labour Force Survey.

# File Description



# Variable List

**cs-2016-household**

Content	Household data
Cases	984627
Variable(s)	138
Structure	Type: Keys: ()
Version	
Producer	
Missing Data	

**Variables**

ID	Name	Label	Type	Format	Question
V252	UqNo	Unique household number	discrete	character	
V253	HeadHH_Sex	Sex of household head	discrete	numeric	
V254	HeadHH_Age_at_RefNight	Age of household head	discrete	numeric	
V255	HeadHH_Derived_PopGroup	Population group of household head	discrete	numeric	
V256	MunicDiff	Difficulties facing the municipality presently	discrete	numeric	
V257	LMuniSolve	The extent to which the municipality is trying to resolve the problem	discrete	numeric	
V258	RateWater	Rating of the overall quality of the water services	discrete	numeric	
V259	RateRefuse	Rating of the overall quality of refuse removal services	discrete	numeric	
V260	RateElectricity	Rating of the overall quality of the electricity supply services	discrete	numeric	
V261	RateToilet	Rating of the overall quality of toilet/sanitation services	discrete	numeric	
V262	RateHospital	Rating of the overall quality of the local public hospital	discrete	numeric	
V263	RateClinic	Rating of the overall quality of the local public clinic	discrete	numeric	
V264	RatePolice	Rating of the overall quality of the local police services	discrete	numeric	
V265	RateSchool	Rating of the overall quality of the local public school	discrete	numeric	
V266	EduImportance	Importance of education to improve the standard of living of the household	discrete	numeric	
V267	HealthImportance	Importance of health to improve the standard of living for the household	discrete	numeric	
V268	LivingCondImportance	Importance of living conditions to improve the standard of living for the househ	discrete	numeric	
V269	HHAssetsImportance	Importance of ownership of household assets to improve the standard of living fo	discrete	numeric	
V270	EmploymentImportance	Importance of employment to improve the standard of living for the household	discrete	numeric	
V271	SafetyImportance	Importance of safety and security to improve the standard of living for the hous	discrete	numeric	
V272	WaterSource	Main source of water for drinking	discrete	numeric	
V273	DistanceWater	Distance to get main source of water for drinking	discrete	numeric	
V274	WaterAccess	Access to safe water supply drinking service	discrete	numeric	
V275	WaterSupplier	Supplier of the main source of drinking water	discrete	numeric	
V276	WaterInterrupt	Municipal water interruption in the past 3 months	discrete	numeric	

ID	Name	Label	Type	Format	Question
V277	WaterInterruptTime	How long the water interruption lasted	discrete	numeric	
V278	WaterInterrupt2days	Water interruption longer than 2 days	discrete	numeric	
V279	AltSource	Alternative water source during interruptions	discrete	numeric	
V280	Toilet	Main type of toilet facility used	discrete	numeric	
V281	ToiletLocation	The main toilet facility in the dwelling/yard/outside the yard	discrete	numeric	
V282	ToiletShared	Is the toilet facility shared	discrete	numeric	
V283	MaintainToilet	Maintenance of the toilet facility	discrete	numeric	
V284	ElectrAccess	Household access to electricity	discrete	numeric	
V285	ElectrSupplier	Household electricity supplier	discrete	numeric	
V286	ElectrInterrupt	Interruption in electricity in the past 3 months	discrete	numeric	
V287	ElecInterruptTime	Did electricity interruptions last longer than 12 hours?	discrete	numeric	
V288	Refuse	Refuse removal	discrete	numeric	
V289	Post	Household mode for receiving of mail/post	discrete	numeric	
V290	MainDwellType	Main dwelling that the household currently lives in	discrete	numeric	
V291	TenureStat	Tenure status	discrete	numeric	
V292	TitleDeed	Possession of title deed	discrete	numeric	
V293	SubsDwell	RDP or government subsidised dwelling	discrete	numeric	
V294	RDPQuality	Rating overall quality of RDP or government subsidised dwelling	discrete	numeric	
V295	SaveEnergy__1	Switching off your lights when leaving home	discrete	numeric	
V296	SaveEnergy__2	Using energy-saving light bulbs	discrete	numeric	
V297	SaveEnergy__3	Switching off all your lights, except security lights in the home when not in us	discrete	numeric	
V298	SaveEnergy__4	Switching off appliances at the wall when not in use	discrete	numeric	
V299	SaveEnergy__5	Switching off geyser at certain times	discrete	numeric	
V300	SaveEnergy__6	Boiling only as much water with a pot or kettle that is needed	discrete	numeric	
V301	SaveEnergy__7	Using stove plates and oven as little as possible	discrete	numeric	
V302	SaveEnergy__8	Using warm clothing or blankets instead of an electric heater	discrete	numeric	
V303	SaveEnergy__9	Closing windows and doors when heater is on	discrete	numeric	
V304	SaveEnergy__10	Allowing clothes to drip-dry instead of ironing	discrete	numeric	
V305	SaveEnergy__11	Installing a solar water heater instead of an electric geyser	discrete	numeric	
V306	SaveEnergy__12	Insulating household's geyser and hot pipes	discrete	numeric	
V307	EnergyCook	Main source of energy for cooking	discrete	numeric	
V308	EnergyLight	Main source of energy for lighting	discrete	numeric	
V309	EnergyWaterHeat	Main source of energy for water heating	discrete	numeric	
V310	EnergySpaceHeat	Main source of energy for space heating	discrete	numeric	
V311	EnergySource_Electricity	Electricity	discrete	numeric	
V312	EnergySource_Paraffin	Paraffin	discrete	numeric	
V313	EnergySource_Gas	Gas	discrete	numeric	
V314	EnergySource_Candles	Candles	discrete	numeric	

ID	Name	Label	Type	Format	Question
V315	EnergySource_Coal	Coal	discrete	numeric	
V316	EnergySource_Firewood	Firewood	discrete	numeric	
V317	EnergySource_SolarSystem	Solar system	discrete	numeric	
V318	EnergySource_Carbatteries	Car batteries	discrete	numeric	
V319	EnergySource_Otherbatteries	Other batteries	discrete	numeric	
V320	EnergySource_Generator	Generator	discrete	numeric	
V321	EnergySource_Other	Other	discrete	numeric	
V322	HHgoods_1	Refrigerator/Freezer	discrete	numeric	
V323	HHgoods_2	Electric/Gas stove	discrete	numeric	
V324	HHgoods_3	Vacuum cleaner/ Floor polisher	discrete	numeric	
V325	HHgoods_4	Washing machine	discrete	numeric	
V326	HHgoods_5	Tablet/Phablet	discrete	numeric	
V327	HHgoods_6	Personal computer/Desktop/Laptop	discrete	numeric	
V328	HHgoods_7	Satellite decoder	discrete	numeric	
V329	HHgoods_8	Motor vehicle	discrete	numeric	
V330	HHgoods_9	Television	discrete	numeric	
V331	HHgoods_10	Radio	discrete	numeric	
V332	HHgoods_11	DVD Player/Blu-ray player	discrete	numeric	
V333	HHgoods_12	Home theatre system	discrete	numeric	
V334	HHgoods_13	Landline	discrete	numeric	
V335	HHgoods_14	Cell phone	discrete	numeric	
V336	HHgoods_15	Microwave oven	discrete	numeric	
V337	HHgoods_16	Geyser providing hot water	discrete	numeric	
V338	HHgoods_17	Air conditioner	discrete	numeric	
V339	HHgoods_18	Internet services	discrete	numeric	
V340	Internet_1	Internet-Connection in the dwelling	discrete	numeric	
V341	Internet_2	Internet-Connection from a library/community hall/Thusong centre	discrete	numeric	
V342	Internet_3	Internet-at a school/university/college	discrete	numeric	
V343	Internet_4	Internet-Connection at a place of work	discrete	numeric	
V344	Internet_5	Internet-Cafe 2km or less from the dwelling	discrete	numeric	
V345	Internet_6	Internet-Cafe more than 2km from the dwelling	discrete	numeric	
V346	Internet_7	Internet-Any place via a cell phone	discrete	numeric	
V347	Internet_8	Internet-Any place via other mobile access service	discrete	numeric	
V348	Internet_9	Internet-Other	discrete	numeric	
V349	SafetyInDay	Safety during the day	discrete	numeric	
V350	SafetyInDark	Safety when it is dark	discrete	numeric	
V351	Crime	Victim of crime in the past 12 months	discrete	numeric	
V352	CrimeExperience_1	Experience of crime - Murder	discrete	numeric	
V353	CrimeExperience_2	Experience of crime - Home robbery	discrete	numeric	

ID	Name	Label	Type	Format	Question
V354	CrimeExperience__3	Experience of crime - House breaking	discrete	numeric	
V355	CrimeExperience__4	Experience of crime - Robbery	discrete	numeric	
V356	CrimeExperience__5	Experience of crime - Theft pf livestock, poultry and other animals	discrete	numeric	
V357	CrimeExperience__6	Experience of crime - Theft of motor vehicle and/or motorcycle	discrete	numeric	
V358	CrimeExperience__7	Experience of crime - Other crime	discrete	numeric	
V359	AgricAct	Household involved in agriculture	discrete	numeric	
V360	AgricType__1	Type of agricultural activity - Livestock production	discrete	numeric	
V361	AgricType__2	Type of agricultural activity - Poultry production	discrete	numeric	
V362	AgricType__3	Type of agricultural activity - Grains and food crops	discrete	numeric	
V363	AgricType__4	Type of agricultural activity - Industrial crops	discrete	numeric	
V364	AgricType__5	Type of agricultural activity - Fruit production	discrete	numeric	
V365	AgricType__6	Type of agricultural activity - Vegetable production	discrete	numeric	
V366	AgricType__7	Type of agricultural activity - Other	discrete	numeric	
V367	FarmPrac	Type of farm practice for crop production	discrete	numeric	
V368	OwnLivestock	Owning livestock or poultry on 7 March 2016	discrete	numeric	
V369	Cattle	How many cattle owned on 7 March 2016?	discrete	numeric	
V370	Sheep	How many sheep owned on 7 March 2016?	discrete	numeric	
V371	Goats	How many goats owned on 7 March 2016?	discrete	numeric	
V372	Pigs	How many pigs owned on 7 March 2016?	discrete	numeric	
V373	Chickens	How many chickens owned on 7 March 2016?	discrete	numeric	
V374	OtherPoultry	How many other poultry owned on 7 March 2016?	discrete	numeric	
V375	FoodMoney	Run out of money to buy food in past 12 months	discrete	numeric	
V376	FreqOutOfFood	Running out of money to buy food for 5 or more days in past 30 days	discrete	numeric	
V377	SkipMeal	Skipped meal in past 12 months	discrete	numeric	
V378	FreqSkipMeal	Skipping meal for 5 or more days in the past 30 days	discrete	numeric	
V379	Emigrants	Emigrants who were part of household	discrete	numeric	
V380	AnyDeath	Death occurred	discrete	numeric	
V381	NoOfDeaths	Number of deaths in the past 12 months	discrete	numeric	
V382	PR_CODE_2011	Province 2011	discrete	numeric	
V383	DC_MDB_C_2011	District and metropolitan municipality 2011	discrete	character	
V384	MN_CODE_2011	Local municipality 2011	discrete	numeric	
V385	PR_CODE_2016	Province 2016	discrete	numeric	
V386	DC_MDB_C_2016	District and metropolitan municipality 2016	discrete	character	
V387	MN_CODE_2016	Local municipality 2016	discrete	numeric	
V388	EA_GTYPE_C	Geographical type	discrete	numeric	
V389	hhld_pstrwtg	Household weight	contin	numeric	

**cs-2016-mortality**

Content	Mortality data
Cases	30058
Variable(s)	14
Structure	Type: Keys: ()
Version	
Producer	
Missing Data	

**Variables**

ID	Name	Label	Type	Format	Question
V390	UqNo	Unique household number	discrete	character	
V391	DeceasedSex	Sex of the deceased	discrete	numeric	
V392	DeceasedAge	Age of the deceased	discrete	numeric	
V393	YOD	Year of death	discrete	numeric	
V394	MOD	Month of death	discrete	numeric	
V395	MaternalDeath	Maternal deaths	discrete	numeric	
V396	PR_CODE_2011	Province 2011	discrete	numeric	
V397	DC_MDB_C_2011	District and metropolitan municipality 2011	discrete	character	
V398	MN_CODE_2011	Local municipality 2011	discrete	numeric	
V399	PR_CODE_2016	Province 2016	discrete	numeric	
V400	DC_MDB_C_2016	District and metropolitan municipality 2016	discrete	character	
V401	MN_CODE_2016	Local municipality 2016	discrete	numeric	
V402	EA_GTYPE_C	Geographical type	discrete	numeric	
V403	mortality_pstrwgt	Mortality weight	contin	numeric	

**cs-2016-person**

Content Person data  
 Cases 3328867  
 Variable(s) 99  
 Structure Type:  
 Keys: ()  
 Version  
 Producer  
 Missing Data

**Variables**

ID	Name	Label	Type	Format	Question
V404	UqNo	Unique number	discrete	character	
V405	Personno	Person number	discrete	numeric	
V406	Sex	Sex	discrete	numeric	
V407	Year_of_Birth	Year of birth	discrete	numeric	
V408	Month_of_Birth	Month of birth	discrete	numeric	
V409	Age	Age	discrete	numeric	
V410	Age_5year_Groups	5 year age groups	discrete	numeric	
V411	Age_Broad_Groups	Broad age groups	discrete	numeric	
V412	RelationToHead	Relationship to household head	discrete	numeric	
V413	MaritalStat	Marital Status	discrete	numeric	
V414	Population_Group	Population group	discrete	numeric	
V415	Language	Language most spoken in the household	discrete	numeric	
V416	ReligionBelief	Religious belief	discrete	numeric	
V417	Christianity	Christianity	discrete	numeric	
V418	pob	Province of birth	discrete	numeric	
V419	cob	Country of birth	discrete	character	
V420	Region_Of_Birth	Region of birth	discrete	numeric	
V421	YMtoSA	Year in which the person moved to SA	discrete	numeric	
V422	Citizenship	Country of citizenship	discrete	character	
V423	SA_Citizen	South African citizenship	discrete	numeric	
V424	Region_of_Citizenship	Region of citizenship	discrete	numeric	
V425	UsualRes	Usual residence	discrete	numeric	
V426	pour	Province of usual residence	discrete	numeric	
V427	Usual_Province	Province of usual residence	discrete	numeric	
V428	Munic	Local/metropolitan municipality of usual residence	discrete	numeric	
V429	Since2011	Since Oct 2011	discrete	numeric	
V430	YMTtoDU	Year moved to current place	discrete	numeric	
V431	MMtoDU	Month moved to current place	discrete	numeric	

ID	Name	Label	Type	Format	Question
V432	POPRes	Province of previous residence	discrete	numeric	
V433	Previous_Province	Province of previous residence	discrete	numeric	
V434	PMunic	Local/metropolitan municipality of previous residence	discrete	numeric	
V435	PRReasons	Main reason for moving current place	discrete	numeric	
V436	Seeing	Difficulty in seeing	discrete	numeric	
V437	Hearing	Difficulty in hearing	discrete	numeric	
V438	Communicate	Difficulty in communicating	discrete	numeric	
V439	Walking	Difficulty in walking	discrete	numeric	
V440	Remembering	Difficulty remembering	discrete	numeric	
V441	Selfcare	Difficulty with self-care	discrete	numeric	
V442	Eyeglasses	Use eyeglasses/spectacles/contact lenses	discrete	numeric	
V443	HearingAid	Use a hearing aid	discrete	numeric	
V444	WalkStickFrame	Use a walking stick, walking frame or crutches	discrete	numeric	
V445	Wheelchair	Use a wheelchair	discrete	numeric	
V446	OtherDevice	Use any other assistive device/aid	discrete	numeric	
V447	MOTAlive	Biological mother alive	discrete	numeric	
V448	motyod	Year in which biological mother passed away	discrete	numeric	
V449	MOTInHH	Biological mother part of the household	discrete	numeric	
V450	mothh	Person number of biological mother	discrete	numeric	
V451	FATAlive	Biological father alive	discrete	numeric	
V452	fatyod	Year in which biological father passed away	discrete	numeric	
V453	FATInHH	Biological father part of the household	discrete	numeric	
V454	fathh	Person number of biological father	discrete	numeric	
V455	Attendance	Attendance	discrete	numeric	
V456	EducInstitution	Educational institution type	discrete	numeric	
V457	EducInstitutType	Type of educational institution	discrete	numeric	
V458	EducCommuteMode__1	Mode of transport education-walking	discrete	numeric	
V459	EducCommuteMode__2	Mode of transport education-bicycle	discrete	numeric	
V460	EducCommuteMode__3	Mode of transport education- Motorcycle/scooter	discrete	numeric	
V461	EducCommuteMode__4	Mode of transport education -Minibus taxi/sedan taxi	discrete	numeric	
V462	EducCommuteMode__5	Mode of transport education-Bakkie taxi	discrete	numeric	
V463	EducCommuteMode__6	Mode of transport education - Metered taxi	discrete	numeric	
V464	EducCommuteMode__7	Mode of transport education- Public bus	discrete	numeric	
V465	EducCommuteMode__8	Mode of transport education - Train	discrete	numeric	
V466	EducCommuteMode__9	Mode of transport education-Vehicle provided by the institution	discrete	numeric	
V467	EducCommuteMode__10	Mode of transport education- Vehicle provided by government and not paid for	discrete	numeric	
V468	EducCommuteMode__11	Mode of transport education-Vehicle hired by a group of parents/students	discrete	numeric	
V469	EducCommuteMode__12	Mode of transport education-Own car/private vehicle	discrete	numeric	



ID	Name	Label	Type	Format	Question
V470	EducCommuteMode__13	Mode of transport education- Animal-drawn transport/use of animals	discrete	numeric	
V471	EducCommuteMode__14	Mode of transport education- Other	discrete	numeric	
V472	EducLevel	Highest level of education	discrete	numeric	
V473	HighInstitutType	Higher educational institution type	discrete	numeric	
V474	UnivField	Field of higher educational institution	discrete	numeric	
V475	TVETField	Field of TVET	discrete	numeric	
V476	ceb	Ever given birth	discrete	numeric	
V477	TCSurvive	Total number of children still alive	discrete	numeric	
V478	TCSurvivBoys	Total number of boys still alive	discrete	numeric	
V479	TCSurvivGirls	Total number of girls still alive	discrete	numeric	
V480	tcnla	Total number of children no longer alive	discrete	numeric	
V481	TCNLABoys	Total number of boys no longer alive	discrete	numeric	
V482	TCNLAGirls	Total number of girls no longer alive	discrete	numeric	
V483	tceb	Total number of children born alive	discrete	numeric	
V484	TCEBBoys	Total number of boys born alive	discrete	numeric	
V485	TCEBGirls	Total number of girls born alive	discrete	numeric	
V486	DOBLCB_Year	Year of birth of last child born	discrete	numeric	
V487	DOBLCB_Month	Month of birth of last child born	discrete	numeric	
V488	SexLCB	Sex of last child born	discrete	numeric	
V489	BreastFeed	Breastfeeding last child	discrete	numeric	
V490	LengthBfeed	Length of breastfeeding last child	discrete	numeric	
V491	LCBAlive	Last child born still alive	discrete	numeric	
V492	DODLCB_Year	Year of death of last child born	discrete	numeric	
V493	DODLCB_Month	Month of death of last child born	discrete	numeric	
V494	Birth_Last_12Months	Births in the last 12 months	discrete	numeric	
V495	PR_CODE_2011	Province 2011	discrete	numeric	
V496	DC_MDB_C_2011	District/metropolitan municipality 2011	discrete	character	
V497	MN_CODE_2011	Local municipality 2011	discrete	numeric	
V498	PR_CODE_2016	Province 2016	discrete	numeric	
V499	DC_MDB_C_2016	District/metropolitan municipality 2016	discrete	character	
V500	MN_CODE_2016	Local municipality 2016	discrete	numeric	
V501	EA_GTYPE_C	Geographical type	discrete	numeric	
V502	pers_pstrwgt	Person weight	discrete	numeric	



## Unique household number (UqNo)

File: cs-2016-household

### Overview

Type: Discrete	Valid cases: 984627
Format: character	Invalid: 0
Width: 32	

## Sex of household head (HeadHH\_Sex)

File: cs-2016-household

### Overview

Type: Discrete	Valid cases: 984627
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 2
Range: 1-2	

## Age of household head (HeadHH\_Age\_at\_RefNight)

File: cs-2016-household

### Overview

Type: Discrete	Valid cases: 984627
Format: numeric	Invalid: 0
Width: 3	Minimum: 1
Decimals: 0	Maximum: 116
Range: 1-116	

## Population group of household head (HeadHH\_Derived\_PopGroup)

File: cs-2016-household

### Overview

Type: Discrete	Valid cases: 984627
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 5
Range: 1-5	

## Difficulties facing the municipality presently (MunicDiff)

File: cs-2016-household

### Overview

Type: Discrete	Valid cases: 984627
Format: numeric	Invalid: 0
Width: 2	Minimum: 1
Decimals: 0	Maximum: 99
Range: 1-99	

## The extent to which the municipality is trying to resolve the problem (LMuniSolve)

File: cs-2016-household

### Overview

Type: Discrete	Valid cases: 984627
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## Rating of the overall quality of the water services (RateWater)

File: cs-2016-household

### Overview

Type: Discrete	Valid cases: 984627
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## Rating of the overall quality of refuse removal services (RateRefuse)

File: cs-2016-household

### Overview

Type: Discrete	Valid cases: 984627
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## Rating of the overall quality of the electricity supply services (RateElectricity)

File: cs-2016-household

### Overview

Type: Discrete	Valid cases: 984627
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## Rating of the overall quality of toilet/sanitation services (RateToilet)

File: cs-2016-household

### Overview

## Rating of the overall quality of toilet/sanitation services (RateToilet)

File: cs-2016-household

Type: Discrete	Valid cases: 984627
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## Rating of the overall quality of the local public hospital (RateHospital)

File: cs-2016-household

### Overview

Type: Discrete	Valid cases: 984627
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## Rating of the overall quality of the local public clinic (RateClinic)

File: cs-2016-household

### Overview

Type: Discrete	Valid cases: 984627
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## Rating of the overall quality of the local police services (RatePolice)

File: cs-2016-household

### Overview

Type: Discrete	Valid cases: 984627
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## Rating of the overall quality of the local public school (RateSchool)

File: cs-2016-household

### Overview

Type: Discrete	Valid cases: 984627
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## Importance of education to improve the standard of living of the household (EducImportance)

File: cs-2016-household

### Overview

Type: Discrete	Valid cases: 984627
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## Importance of health to improve the standard of living for the household (HealthImportance)

File: cs-2016-household

### Overview

Type: Discrete	Valid cases: 984627
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## Importance of living conditions to improve the standard of living for the househ (LivingCondImportance)

File: cs-2016-household

### Overview

Type: Discrete	Valid cases: 984627
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## Importance of ownership of household assets to improve the standard of living fo (HHAssetsImportance)

File: cs-2016-household

### Overview

Type: Discrete	Valid cases: 984627
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## Importance of employment to improve the standard of living for the household (EmploymentImportance)

File: cs-2016-household

### Overview

## Importance of employment to improve the standard of living for the household (EmploymentImportance)

File: cs-2016-household

Type: Discrete	Valid cases: 984627
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## Importance of safety and security to improve the standard of living for the hous (SafetyImportance)

File: cs-2016-household

### Overview

Type: Discrete	Valid cases: 984627
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## Main source of water for drinking (WaterSource)

File: cs-2016-household

### Overview

Type: Discrete	Valid cases: 984627
Format: numeric	Invalid: 0
Width: 2	Minimum: 1
Decimals: 0	Maximum: 13
Range: 1-13	

## Distance to get main source of water for drinking (DistanceWater)

File: cs-2016-household

### Overview

Type: Discrete	Valid cases: 984627
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## Access to safe water supply drinking service (WaterAccess)

File: cs-2016-household

### Overview

Type: Discrete	Valid cases: 984627
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## Supplier of the main source of drinking water (WaterSupplier)

File: cs-2016-household

### Overview

Type: Discrete	Valid cases: 984627
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## Municipal water interruption in the past 3 months (WaterInterrupt)

File: cs-2016-household

### Overview

Type: Discrete	Valid cases: 984627
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## How long the water interruption lasted (WaterInterruptTime)

File: cs-2016-household

### Overview

Type: Discrete	Valid cases: 984627
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## Water interruption longer than 2 days (WaterInterrupt2days)

File: cs-2016-household

### Overview

Type: Discrete	Valid cases: 984627
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## Alternative water source during interruptions (AltSource)

File: cs-2016-household

### Overview

Type: Discrete	Valid cases: 984627
Format: numeric	Invalid: 0
Width: 2	Minimum: 1
Decimals: 0	Maximum: 88
Range: 1-88	



## Main type of toilet facility used (Toilet)

File: cs-2016-household

### Overview

Type: Discrete	Valid cases: 984627
Format: numeric	Invalid: 0
Width: 2	Minimum: 1
Decimals: 0	Maximum: 10
Range: 1-10	

## The main toilet facility in the dwelling/yard/outside the yard (ToiletLocation)

File: cs-2016-household

### Overview

Type: Discrete	Valid cases: 984627
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## Is the toilet facility shared (ToiletShared)

File: cs-2016-household

### Overview

Type: Discrete	Valid cases: 984627
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## Maintenance of the toilet facility (MaintainToilet)

File: cs-2016-household

### Overview

Type: Discrete	Valid cases: 984627
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## Household access to electricity (ElectrAccess)

File: cs-2016-household

### Overview

Type: Discrete	Valid cases: 984627
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## Household electricity supplier (ElectrSupplier)

File: cs-2016-household

### Overview

Type: Discrete	Valid cases: 984627
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## Interruption in electricity in the past 3 months (ElectrInterrupt)

File: cs-2016-household

### Overview

Type: Discrete	Valid cases: 984627
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## Did electricity interruptions last longer than 12 hours?

(ElecInterruptTime)

File: cs-2016-household

### Overview

Type: Discrete	Valid cases: 984627
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## Refuse removal (Refuse)

File: cs-2016-household

### Overview

Type: Discrete	Valid cases: 984627
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 7
Range: 1-7	

## Household mode for receiving of mail/post (Post)

File: cs-2016-household

### Overview

Type: Discrete	Valid cases: 984627
Format: numeric	Invalid: 0
Width: 2	Minimum: 1
Decimals: 0	Maximum: 99
Range: 1-99	

## Main dwelling that the household currently lives in (MainDwellType)

File: cs-2016-household

### Overview

Type: Discrete	Valid cases: 984627
Format: numeric	Invalid: 0
Width: 2	Minimum: 1
Decimals: 0	Maximum: 99
Range: 1-99	

## Tenure status (TenureStat)

File: cs-2016-household

### Overview

Type: Discrete	Valid cases: 984627
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## Possession of title deed (TitleDeed)

File: cs-2016-household

### Overview

Type: Discrete	Valid cases: 984627
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## RDP or government subsidised dwelling (SubsDwell)

File: cs-2016-household

### Overview

Type: Discrete	Valid cases: 984627
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## Rating overall quality of RDP or government subsidised dwelling (RDPQuality)

File: cs-2016-household

### Overview

Type: Discrete	Valid cases: 984627
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## Switching off your lights when leaving home (SaveEnergy\_\_1)

File: cs-2016-household

### Overview

Type: Discrete	Valid cases: 984627
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## Using energy-saving light bulbs (SaveEnergy\_\_2)

File: cs-2016-household

### Overview

Type: Discrete	Valid cases: 984627
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## Switching off all your lights, except security lights in the home when not in us (SaveEnergy\_\_3)

File: cs-2016-household

### Overview

Type: Discrete	Valid cases: 984627
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## Switching off appliances at the wall when not in use (SaveEnergy\_\_4)

File: cs-2016-household

### Overview

Type: Discrete	Valid cases: 984627
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## Switching off geyser at certain times (SaveEnergy\_\_5)

File: cs-2016-household

### Overview

Type: Discrete	Valid cases: 984627
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## Boiling only as much water with a pot or kettle that is needed (SaveEnergy\_\_6)

File: cs-2016-household

### Overview

Type: Discrete	Valid cases: 984627
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## Using stove plates and oven as little as possible (SaveEnergy\_\_7)

File: cs-2016-household

### Overview

Type: Discrete	Valid cases: 984627
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## Using warm clothing or blankets instead of an electric heater (SaveEnergy\_\_8)

File: cs-2016-household

### Overview

Type: Discrete	Valid cases: 984627
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## Closing windows and doors when heater is on (SaveEnergy\_\_9)

File: cs-2016-household

### Overview

Type: Discrete	Valid cases: 984627
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## Allowing clothes to drip-dry instead of ironing (SaveEnergy\_\_10)

File: cs-2016-household

### Overview

Type: Discrete	Valid cases: 984627
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## Installing a solar water heater instead of an electric geyser (SaveEnergy\_\_11)

File: cs-2016-household

### Overview

Type: Discrete	Valid cases: 984627
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## Insulating household's geyser and hot pipes (SaveEnergy\_\_12)

File: cs-2016-household

### Overview

Type: Discrete	Valid cases: 984627
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## Main source of energy for cooking (EnergyCook)

File: cs-2016-household

### Overview

Type: Discrete	Valid cases: 984627
Format: numeric	Invalid: 0
Width: 2	Minimum: 1
Decimals: 0	Maximum: 99
Range: 1-99	

## Main source of energy for lighting (EnergyLight)

File: cs-2016-household

### Overview

Type: Discrete	Valid cases: 984627
Format: numeric	Invalid: 0
Width: 2	Minimum: 1
Decimals: 0	Maximum: 99
Range: 1-99	

## Main source of energy for water heating (EnergyWaterHeat)

File: cs-2016-household

### Overview

Type: Discrete	Valid cases: 984627
Format: numeric	Invalid: 0
Width: 2	Minimum: 1
Decimals: 0	Maximum: 99
Range: 1-99	

## Main source of energy for space heating (EnergySpaceHeat)

File: cs-2016-household

### Overview

Type: Discrete	Valid cases: 984627
Format: numeric	Invalid: 0
Width: 2	Minimum: 1
Decimals: 0	Maximum: 99
Range: 1-99	

## Electricity (EnergySource\_Electricity)

File: cs-2016-household

### Overview

Type: Discrete	Valid cases: 984627
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## Paraffin (EnergySource\_Paraffin)

File: cs-2016-household

### Overview

Type: Discrete	Valid cases: 984627
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## Gas (EnergySource\_Gas)

File: cs-2016-household

### Overview

Type: Discrete	Valid cases: 984627
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## Candles (EnergySource\_Candles)

File: cs-2016-household

### Overview

Type: Discrete	Valid cases: 984627
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## Coal (EnergySource\_Coal)

File: cs-2016-household

### Overview

Type: Discrete	Valid cases: 984627
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## Firewood (EnergySource\_Firewood)

File: cs-2016-household

### Overview

Type: Discrete	Valid cases: 984627
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## Solar system (EnergySource\_SolarSystem)

File: cs-2016-household

### Overview

Type: Discrete	Valid cases: 984627
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## Car batteries (EnergySource\_Carbatteries)

File: cs-2016-household

### Overview

Type: Discrete	Valid cases: 984627
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## Other batteries (EnergySource\_Otherbatteries)

File: cs-2016-household

### Overview

Type: Discrete	Valid cases: 984627
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	



## Generator (EnergySource\_Generator)

File: cs-2016-household

### Overview

Type: Discrete	Valid cases: 984627
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## Other (EnergySource\_Other)

File: cs-2016-household

### Overview

Type: Discrete	Valid cases: 984627
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## Refrigerator/Freezer (HHgoods\_\_1)

File: cs-2016-household

### Overview

Type: Discrete	Valid cases: 984627
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## Electric/Gas stove (HHgoods\_\_2)

File: cs-2016-household

### Overview

Type: Discrete	Valid cases: 984627
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## Vacuum cleaner/ Floor polisher (HHgoods\_\_3)

File: cs-2016-household

### Overview

Type: Discrete	Valid cases: 984627
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## Washing machine (HHgoods\_\_4)

File: cs-2016-household

### Overview

Type: Discrete	Valid cases: 984627
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## Tablet/Phablet (HHgoods\_\_5)

File: cs-2016-household

### Overview

Type: Discrete	Valid cases: 984627
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## Personal computer/Desktop/Laptop (HHgoods\_\_6)

File: cs-2016-household

### Overview

Type: Discrete	Valid cases: 984627
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## Satellite decoder (HHgoods\_\_7)

File: cs-2016-household

### Overview

Type: Discrete	Valid cases: 984627
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## Motor vehicle (HHgoods\_\_8)

File: cs-2016-household

### Overview

Type: Discrete	Valid cases: 984627
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## Television (HHgoods\_\_9)

File: cs-2016-household

**Overview**

Type: Discrete	Valid cases: 984627
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## Radio (HHgoods\_\_10)

File: cs-2016-household

**Overview**

Type: Discrete	Valid cases: 984627
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## DVD Player/Blu-ray player (HHgoods\_\_11)

File: cs-2016-household

**Overview**

Type: Discrete	Valid cases: 984627
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## Home theatre system (HHgoods\_\_12)

File: cs-2016-household

**Overview**

Type: Discrete	Valid cases: 984627
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## Landline (HHgoods\_\_13)

File: cs-2016-household

**Overview**

Type: Discrete	Valid cases: 984627
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## Cell phone (HHgoods\_\_14)

File: cs-2016-household

**Overview**

Type: Discrete	Valid cases: 984627
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## Microwave oven (HHgoods\_\_15)

File: cs-2016-household

**Overview**

Type: Discrete	Valid cases: 984627
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## Geyser providing hot water (HHgoods\_\_16)

File: cs-2016-household

**Overview**

Type: Discrete	Valid cases: 984627
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## Air conditioner (HHgoods\_\_17)

File: cs-2016-household

**Overview**

Type: Discrete	Valid cases: 984627
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## Internet services (HHgoods\_\_18)

File: cs-2016-household

**Overview**

Type: Discrete	Valid cases: 984627
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## Internet-Connection in the dwelling (Internet\_\_1)

File: cs-2016-household

### Overview

Type: Discrete	Valid cases: 984627
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## Internet-Connection from a library/community hall/Thusong centre (Internet\_\_2)

File: cs-2016-household

### Overview

Type: Discrete	Valid cases: 984627
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## Internet-at a school/university/college (Internet\_\_3)

File: cs-2016-household

### Overview

Type: Discrete	Valid cases: 984627
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## Internet-Connection at a place of work (Internet\_\_4)

File: cs-2016-household

### Overview

Type: Discrete	Valid cases: 984627
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## Internet-Cafe 2km or less from the dwelling (Internet\_\_5)

File: cs-2016-household

### Overview

Type: Discrete	Valid cases: 984627
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## Internet-Cafe more than 2km from the dwelling (Internet\_\_6)

File: cs-2016-household

### Overview

Type: Discrete	Valid cases: 984627
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## Internet-Any place via a cell phone (Internet\_\_7)

File: cs-2016-household

### Overview

Type: Discrete	Valid cases: 984627
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## Internet-Any place via other mobile access service (Internet\_\_8)

File: cs-2016-household

### Overview

Type: Discrete	Valid cases: 984627
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## Internet-Other (Internet\_\_9)

File: cs-2016-household

### Overview

Type: Discrete	Valid cases: 984627
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## Safety during the day (SafetyInDay)

File: cs-2016-household

### Overview

Type: Discrete	Valid cases: 984627
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## Safety when it is dark (SafetyInDark)

File: cs-2016-household

### Overview

Type: Discrete	Valid cases: 984627
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## Victim of crime in the past 12 months (Crime)

File: cs-2016-household

### Overview

Type: Discrete	Valid cases: 984627
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## Experience of crime - Murder (CrimeExperience\_\_1)

File: cs-2016-household

### Overview

Type: Discrete	Valid cases: 984627
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## Experience of crime - Home robbery (CrimeExperience\_\_2)

File: cs-2016-household

### Overview

Type: Discrete	Valid cases: 984627
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## Experience of crime - House breaking (CrimeExperience\_\_3)

File: cs-2016-household

### Overview

Type: Discrete	Valid cases: 984627
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## Experience of crime - Robbery (CrimeExperience\_\_4)

File: cs-2016-household

**Overview**

Type: Discrete	Valid cases: 984627
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## Experience of crime - Theft of livestock, poultry and other animals (CrimeExperience\_\_5)

File: cs-2016-household

**Overview**

Type: Discrete	Valid cases: 984627
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## Experience of crime - Theft of motor vehicle and/or motorcycle (CrimeExperience\_\_6)

File: cs-2016-household

**Overview**

Type: Discrete	Valid cases: 984627
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## Experience of crime - Other crime (CrimeExperience\_\_7)

File: cs-2016-household

**Overview**

Type: Discrete	Valid cases: 984627
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## Household involved in agriculture (AgricAct)

File: cs-2016-household

**Overview**

Type: Discrete	Valid cases: 984627
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 2
Range: 1-2	



## Type of agricultural activity - Livestock production (AgricType\_\_1)

File: cs-2016-household

### Overview

Type: Discrete	Valid cases: 984627
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## Type of agricultural activity - Poultry production (AgricType\_\_2)

File: cs-2016-household

### Overview

Type: Discrete	Valid cases: 984627
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## Type of agricultural activity - Grains and food crops (AgricType\_\_3)

File: cs-2016-household

### Overview

Type: Discrete	Valid cases: 984627
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## Type of agricultural activity - Industrial crops (AgricType\_\_4)

File: cs-2016-household

### Overview

Type: Discrete	Valid cases: 984627
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## Type of agricultural activity - Fruit production (AgricType\_\_5)

File: cs-2016-household

### Overview

Type: Discrete	Valid cases: 984627
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## Type of agricultural activity - Vegetable production (AgricType\_\_6)

File: cs-2016-household

### Overview

Type: Discrete	Valid cases: 984627
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## Type of agricultural activity - Other (AgricType\_\_7)

File: cs-2016-household

### Overview

Type: Discrete	Valid cases: 984627
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## Type of farm practice for crop production (FarmPrac)

File: cs-2016-household

### Overview

Type: Discrete	Valid cases: 984627
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 8
Range: 1-8	

## Owning livestock or poultry on 7 March 2016 (OwnLivestock)

File: cs-2016-household

### Overview

Type: Discrete	Valid cases: 984627
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## How many cattle owned on 7 March 2016? (Cattle)

File: cs-2016-household

### Overview

Type: Discrete	Valid cases: 984627
Format: numeric	Invalid: 0
Width: 5	Minimum: 0
Decimals: 0	Maximum: 10000
Range: 0-10000	

## How many sheep owned on 7 March 2016? (Sheep)

File: cs-2016-household

### Overview

Type: Discrete	Valid cases: 984627
Format: numeric	Invalid: 0
Width: 4	Minimum: 0
Decimals: 0	Maximum: 8000
Range: 0-8000	

## How many goats owned on 7 March 2016? (Goats)

File: cs-2016-household

### Overview

Type: Discrete	Valid cases: 984627
Format: numeric	Invalid: 0
Width: 4	Minimum: 0
Decimals: 0	Maximum: 7000
Range: 0-7000	

## How many pigs owned on 7 March 2016? (Pigs)

File: cs-2016-household

### Overview

Type: Discrete	Valid cases: 984627
Format: numeric	Invalid: 0
Width: 4	Minimum: 0
Decimals: 0	Maximum: 5900
Range: 0-5900	

## How many chickens owned on 7 March 2016? (Chickens)

File: cs-2016-household

### Overview

Type: Discrete	Valid cases: 984627
Format: numeric	Invalid: 0
Width: 5	Minimum: 0
Decimals: 0	Maximum: 60000
Range: 0-60000	

## How many other poultry owned on 7 March 2016? (OtherPoultry)

File: cs-2016-household

### Overview

Type: Discrete	Valid cases: 984627
Format: numeric	Invalid: 0
Width: 4	Minimum: 0
Decimals: 0	Maximum: 4000
Range: 0-4000	

## Run out of money to buy food in past 12 months (FoodMoney)

File: cs-2016-household

### Overview

Type: Discrete	Valid cases: 984627
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## Running out of money to buy food for 5 or more days in past 30 days (FreqOutOfFood)

File: cs-2016-household

### Overview

Type: Discrete	Valid cases: 984627
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## Skipped meal in past 12 months (SkipMeal)

File: cs-2016-household

### Overview

Type: Discrete	Valid cases: 984627
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## Skipping meal for 5 or more days in the past 30 days (FreqSkipMeal)

File: cs-2016-household

### Overview

Type: Discrete	Valid cases: 984627
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## Emigrants who were part of household (Emigrants)

File: cs-2016-household

### Overview

Type: Discrete	Valid cases: 984627
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 2
Range: 1-2	

## Death occurred (AnyDeath)

File: cs-2016-household

### Overview

Type: Discrete	Valid cases: 984627
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 2
Range: 1-2	

## Number of deaths in the past 12 months (NoOfDeaths)

File: cs-2016-household

### Overview

Type: Discrete	Valid cases: 984627
Format: numeric	Invalid: 0
Width: 2	Minimum: 1
Decimals: 0	Maximum: 99
Range: 1-99	

## Province 2011 (PR\_CODE\_2011)

File: cs-2016-household

### Overview

Type: Discrete	Valid cases: 984627
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## District and metropolitan municipality 2011 (DC\_MDB\_C\_2011)

File: cs-2016-household

### Overview

Type: Discrete	Valid cases: 984627
Format: character	Invalid: 0
Width: 4	

## Local municipality 2011 (MN\_CODE\_2011)

File: cs-2016-household

### Overview

Type: Discrete	Valid cases: 984627
Format: numeric	Invalid: 0
Width: 3	Minimum: 160
Decimals: 0	Maximum: 987
Range: 160-987	

## Province 2016 (PR\_CODE\_2016)

File: cs-2016-household

## Province 2016 (PR\_CODE\_2016)

File: cs-2016-household

**Overview**

Type: Discrete	Valid cases: 984627
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## District and metropolitan municipality 2016 (DC\_MDB\_C\_2016)

File: cs-2016-household

**Overview**

Type: Discrete	Valid cases: 984627
Format: character	Invalid: 0
Width: 4	

## Local municipality 2016 (MN\_CODE\_2016)

File: cs-2016-household

**Overview**

Type: Discrete	Valid cases: 984627
Format: numeric	Invalid: 0
Width: 4	Minimum: 1011
Decimals: 0	Maximum: 9032
Range: 1011-9032	

## Geographical type (EA\_GTYPE\_C)

File: cs-2016-household

**Overview**

Type: Discrete	Valid cases: 984627
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 3
Range: 1-3	

## Household weight (hhld\_pstrwgt)

File: cs-2016-household

**Overview**

Type: Continuous	Valid cases: 984627
Format: numeric	Invalid: 0
Width: 19	Minimum: 0
Decimals: 15	Maximum: 675
Range: 0-675.01627206	

## Unique household number (UqNo)

File: cs-2016-mortality

### Overview

Type: Discrete	Valid cases: 30058
Format: character	Invalid: 0
Width: 32	

## Sex of the deceased (DeceasedSex)

File: cs-2016-mortality

### Overview

Type: Discrete	Valid cases: 30058
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## Age of the deceased (DeceasedAge)

File: cs-2016-mortality

### Overview

Type: Discrete	Valid cases: 30058
Format: numeric	Invalid: 0
Width: 3	Minimum: 0
Decimals: 0	Maximum: 999
Range: 0-999	

## Year of death (YOD)

File: cs-2016-mortality

### Overview

Type: Discrete	Valid cases: 30058
Format: numeric	Invalid: 0
Width: 4	Minimum: 2015
Decimals: 0	Maximum: 2016
Range: 2015-2016	

## Month of death (MOD)

File: cs-2016-mortality

### Overview

Type: Discrete	Valid cases: 30058
Format: numeric	Invalid: 0
Width: 2	Minimum: 1
Decimals: 0	Maximum: 99
Range: 1-99	

## Maternal deaths (MaternalDeath)

File: cs-2016-mortality

## Maternal deaths (MaternalDeath)

File: cs-2016-mortality

### Overview

Type: Discrete	Valid cases: 30058
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## Province 2011 (PR\_CODE\_2011)

File: cs-2016-mortality

### Overview

Type: Discrete	Valid cases: 30058
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## District and metropolitan municipality 2011 (DC\_MDB\_C\_2011)

File: cs-2016-mortality

### Overview

Type: Discrete	Valid cases: 30058
Format: character	Invalid: 0
Width: 4	

## Local municipality 2011 (MN\_CODE\_2011)

File: cs-2016-mortality

### Overview

Type: Discrete	Valid cases: 30058
Format: numeric	Invalid: 0
Width: 3	Minimum: 160
Decimals: 0	Maximum: 987
Range: 160-987	

## Province 2016 (PR\_CODE\_2016)

File: cs-2016-mortality

### Overview

Type: Discrete	Valid cases: 30058
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## District and metropolitan municipality 2016 (DC\_MDB\_C\_2016)

File: cs-2016-mortality



## District and metropolitan municipality 2016 (DC\_MDB\_C\_2016)

### File: cs-2016-mortality

#### Overview

Type: Discrete	Valid cases: 30058
Format: character	Invalid: 0
Width: 4	

## Local municipality 2016 (MN\_CODE\_2016)

### File: cs-2016-mortality

#### Overview

Type: Discrete	Valid cases: 30058
Format: numeric	Invalid: 0
Width: 4	Minimum: 1011
Decimals: 0	Maximum: 9032
Range: 1011-9032	

## Geographical type (EA\_GTYPE\_C)

### File: cs-2016-mortality

#### Overview

Type: Discrete	Valid cases: 30058
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 3
Range: 1-3	

## Mortality weight (mortality\_pstrwgt)

### File: cs-2016-mortality

#### Overview

Type: Continuous	Valid cases: 30058
Format: numeric	Invalid: 0
Width: 19	Minimum: 0.5
Decimals: 15	Maximum: 675
Range: 0.500649581-675.01627206	

## Unique number (UqNo)

File: cs-2016-person

### Overview

Type: Discrete	Valid cases: 3328867
Format: character	Invalid: 0
Width: 32	

## Person number (Personno)

File: cs-2016-person

### Overview

Type: Discrete	Valid cases: 3328867
Format: numeric	Invalid: 0
Width: 2	Minimum: 1
Decimals: 0	Maximum: 86
Range: 1-86	

## Sex (Sex)

File: cs-2016-person

### Overview

Type: Discrete	Valid cases: 3328867
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 2
Range: 1-2	

## Year of birth (Year\_of\_Birth)

File: cs-2016-person

### Overview

Type: Discrete	Valid cases: 3328867
Format: numeric	Invalid: 0
Width: 4	Minimum: 1900
Decimals: 0	Maximum: 2016
Range: 1900-2016	

## Month of birth (Month\_of\_Birth)

File: cs-2016-person

### Overview

Type: Discrete	Valid cases: 3328867
Format: numeric	Invalid: 0
Width: 2	Minimum: 1
Decimals: 0	Maximum: 99
Range: 1-99	

## Age (Age)

File: cs-2016-person

## Age (Age)

File: cs-2016-person

### Overview

Type: Discrete	Valid cases: 3328867
Format: numeric	Invalid: 0
Width: 3	Minimum: 0
Decimals: 0	Maximum: 116
Range: 0-116	

## 5 year age groups (Age\_5year\_Groups)

File: cs-2016-person

### Overview

Type: Discrete	Valid cases: 3328867
Format: numeric	Invalid: 0
Width: 2	Minimum: 1
Decimals: 0	Maximum: 18
Range: 1-18	

## Broad age groups (Age\_Broad\_Groups)

File: cs-2016-person

### Overview

Type: Discrete	Valid cases: 3328867
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 4
Range: 1-4	

## Relationship to household head (RelationToHead)

File: cs-2016-person

### Overview

Type: Discrete	Valid cases: 3328867
Format: numeric	Invalid: 0
Width: 2	Minimum: 1
Decimals: 0	Maximum: 99
Range: 1-99	

## Marital Status (MaritalStat)

File: cs-2016-person

### Overview

Type: Discrete	Valid cases: 3328867
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## Population group (Population\_Group)

File: cs-2016-person

### Overview

Type: Discrete	Valid cases: 3328867
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 4
Range: 1-4	

## Language most spoken in the household (Language)

File: cs-2016-person

### Overview

Type: Discrete	Valid cases: 3328867
Format: numeric	Invalid: 0
Width: 2	Minimum: 1
Decimals: 0	Maximum: 99
Range: 1-99	

## Religious belief (ReligionBelief)

File: cs-2016-person

### Overview

Type: Discrete	Valid cases: 3328867
Format: numeric	Invalid: 0
Width: 2	Minimum: 1
Decimals: 0	Maximum: 99
Range: 1-99	

## Christianity (Christianity)

File: cs-2016-person

### Overview

Type: Discrete	Valid cases: 3328867
Format: numeric	Invalid: 0
Width: 2	Minimum: 1
Decimals: 0	Maximum: 99
Range: 1-99	

## Province of birth (pob)

File: cs-2016-person

### Overview

Type: Discrete	Valid cases: 3328867
Format: numeric	Invalid: 0
Width: 2	Minimum: 1
Decimals: 0	Maximum: 99
Range: 1-99	

## Country of birth (cob)

File: cs-2016-person

**Overview**

Type: Discrete	Valid cases: 3328867
Format: character	Invalid: 0
Width: 3	

## Region of birth (Region\_Of\_Birth)

File: cs-2016-person

**Overview**

Type: Discrete	Valid cases: 3328867
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## Year in which the person moved to SA (YMtoSA)

File: cs-2016-person

**Overview**

Type: Discrete	Valid cases: 3328867
Format: numeric	Invalid: 0
Width: 4	Minimum: 1921
Decimals: 0	Maximum: 9999
Range: 1921-9999	

## Country of citizenship (Citizenship)

File: cs-2016-person

**Overview**

Type: Discrete	Valid cases: 3328867
Format: character	Invalid: 0
Width: 3	

## South African citizenship (SA\_Citizen)

File: cs-2016-person

**Overview**

Type: Discrete	Valid cases: 3328867
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## Region of citizenship (Region\_of\_Citizenship)

File: cs-2016-person

**Overview**

## Region of citizenship (Region\_of\_Citizenship)

File: cs-2016-person

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 1-999

Valid cases: 3328867  
Invalid: 0  
Minimum: 1  
Maximum: 9

## Usual residence (UsualRes)

File: cs-2016-person

### Overview

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

Valid cases: 3328867  
Invalid: 0  
Minimum: 1  
Maximum: 9

## Province of usual residence (pour)

File: cs-2016-person

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-99

Valid cases: 3328867  
Invalid: 0  
Minimum: 1  
Maximum: 99

## Province of usual residence (Usual\_Province)

File: cs-2016-person

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-99

Valid cases: 3328867  
Invalid: 0  
Minimum: 1  
Maximum: 99

## Local/metropolitan municipality of usual residence (Munic)

File: cs-2016-person

### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 160-999

Valid cases: 3328867  
Invalid: 0  
Minimum: 160  
Maximum: 999

## Since Oct 2011 (Since2011)

File: cs-2016-person

### Overview

Type: Discrete	Valid cases: 3328867
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## Year moved to current place (YMTtoDU)

File: cs-2016-person

### Overview

Type: Discrete	Valid cases: 3328867
Format: numeric	Invalid: 0
Width: 4	Minimum: 2011
Decimals: 0	Maximum: 9999
Range: 2011-9999	

## Month moved to current place (MMtoDU)

File: cs-2016-person

### Overview

Type: Discrete	Valid cases: 3328867
Format: numeric	Invalid: 0
Width: 2	Minimum: 1
Decimals: 0	Maximum: 99
Range: 1-99	

## Province of previous residence (POPRes)

File: cs-2016-person

### Overview

Type: Discrete	Valid cases: 3328867
Format: numeric	Invalid: 0
Width: 2	Minimum: 1
Decimals: 0	Maximum: 99
Range: 1-99	

## Province of previous residence (Previous\_Province)

File: cs-2016-person

### Overview

Type: Discrete	Valid cases: 3328867
Format: numeric	Invalid: 0
Width: 2	Minimum: 1
Decimals: 0	Maximum: 99
Range: 1-99	

## Local/metropolitan municipality of previous residence (PMunic)

### File: cs-2016-person

#### Overview

Type: Discrete	Valid cases: 3328867
Format: numeric	Invalid: 0
Width: 3	Minimum: 160
Decimals: 0	Maximum: 999
Range: 160-999	

## Main reason for moving current place (PRReasons)

### File: cs-2016-person

#### Overview

Type: Discrete	Valid cases: 3328867
Format: numeric	Invalid: 0
Width: 2	Minimum: 1
Decimals: 0	Maximum: 99
Range: 1-99	

## Difficulty in seeing (Seeing)

### File: cs-2016-person

#### Overview

Type: Discrete	Valid cases: 3328867
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## Difficulty in hearing (Hearing)

### File: cs-2016-person

#### Overview

Type: Discrete	Valid cases: 3328867
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## Difficulty in communicating (Communicate)

### File: cs-2016-person

#### Overview

Type: Discrete	Valid cases: 3328867
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	



## Difficulty in walking (Walking)

File: cs-2016-person

### Overview

Type: Discrete	Valid cases: 3328867
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## Difficulty remembering (Remembering)

File: cs-2016-person

### Overview

Type: Discrete	Valid cases: 3328867
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## Difficulty with self-care (Selfcare)

File: cs-2016-person

### Overview

Type: Discrete	Valid cases: 3328867
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## Use eyeglasses/spectacles/contact lenses (Eyeglasses)

File: cs-2016-person

### Overview

Type: Discrete	Valid cases: 3328867
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## Use a hearing aid (HearingAid)

File: cs-2016-person

### Overview

Type: Discrete	Valid cases: 3328867
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## Use a walking stick, walking frame or crutches (WalkStickFrame)

File: cs-2016-person

### Overview

Type: Discrete	Valid cases: 3328867
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## Use a wheelchair (Wheelchair)

File: cs-2016-person

### Overview

Type: Discrete	Valid cases: 3328867
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## Use any other assistive device/aid (OtherDevice)

File: cs-2016-person

### Overview

Type: Discrete	Valid cases: 3328867
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## Biological mother alive (MOTAlive)

File: cs-2016-person

### Overview

Type: Discrete	Valid cases: 3328867
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## Year in which biological mother passed away (motyod)

File: cs-2016-person

### Overview

Type: Discrete	Valid cases: 3328867
Format: numeric	Invalid: 0
Width: 4	Minimum: 1910
Decimals: 0	Maximum: 9999
Range: 1910-9999	

## Biological mother part of the household (MOTInHH)

File: cs-2016-person

### Overview

Type: Discrete	Valid cases: 3328867
Format: numeric	Invalid: 0
Width: 2	Minimum: 1
Decimals: 0	Maximum: 99
Range: 1-99	

## Person number of biological mother (mothh)

File: cs-2016-person

### Overview

Type: Discrete	Valid cases: 3328867
Format: numeric	Invalid: 0
Width: 2	Minimum: 1
Decimals: 0	Maximum: 99
Range: 1-99	

## Biological father alive (FATAlive)

File: cs-2016-person

### Overview

Type: Discrete	Valid cases: 3328867
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## Year in which biological father passed away (fatyod)

File: cs-2016-person

### Overview

Type: Discrete	Valid cases: 3328867
Format: numeric	Invalid: 0
Width: 4	Minimum: 1901
Decimals: 0	Maximum: 9999
Range: 1901-9999	

## Biological father part of the household (FATInHH)

File: cs-2016-person

### Overview

Type: Discrete	Valid cases: 3328867
Format: numeric	Invalid: 0
Width: 2	Minimum: 1
Decimals: 0	Maximum: 99
Range: 1-99	

## Person number of biological father (fathh)

File: cs-2016-person

### Overview

Type: Discrete	Valid cases: 3328867
Format: numeric	Invalid: 0
Width: 2	Minimum: 1
Decimals: 0	Maximum: 99
Range: 1-99	

## Attendance (Attendance)

File: cs-2016-person

### Overview

Type: Discrete	Valid cases: 3328867
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## Educational institution type (EducInstitution)

File: cs-2016-person

### Overview

Type: Discrete	Valid cases: 3328867
Format: numeric	Invalid: 0
Width: 2	Minimum: 1
Decimals: 0	Maximum: 99
Range: 1-99	

## Type of educational institution (EducInstitutType)

File: cs-2016-person

### Overview

Type: Discrete	Valid cases: 3328867
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## Mode of transport education-walking (EducCommuteMode\_\_1)

File: cs-2016-person

### Overview

Type: Discrete	Valid cases: 3328867
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## Mode of transport education-bicycle (EducCommuteMode\_\_2) File: cs-2016-person

### Overview

Type: Discrete	Valid cases: 3328867
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## Mode of transport education- Motorcycle/scooter (EducCommuteMode\_\_3) File: cs-2016-person

### Overview

Type: Discrete	Valid cases: 3328867
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## Mode of transport education -Minibus taxi/sedan taxi (EducCommuteMode\_\_4) File: cs-2016-person

### Overview

Type: Discrete	Valid cases: 3328867
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## Mode of transport education-Bakkie taxi (EducCommuteMode\_\_5) File: cs-2016-person

### Overview

Type: Discrete	Valid cases: 3328867
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## Mode of transport education - Metered taxi (EducCommuteMode\_\_6) File: cs-2016-person

### Overview

## Mode of transport education - Metered taxi (EducCommuteMode\_\_6)

File: cs-2016-person

Type: Discrete	Valid cases: 3328867
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## Mode of transport education- Public bus (EducCommuteMode\_\_7)

File: cs-2016-person

### Overview

Type: Discrete	Valid cases: 3328867
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## Mode of transport education - Train (EducCommuteMode\_\_8)

File: cs-2016-person

### Overview

Type: Discrete	Valid cases: 3328867
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## Mode of transport education-Vehicle provided by the institution (EducCommuteMode\_\_9)

File: cs-2016-person

### Overview

Type: Discrete	Valid cases: 3328867
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## Mode of transport education- Vehicle provided by government and not paid for (EducCommuteMode\_\_10)

File: cs-2016-person

### Overview

Type: Discrete	Valid cases: 3328867
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## Mode of transport education-Vehicle hired by a group of parents/students (EducCommuteMode\_\_11)

File: cs-2016-person

### Overview

Type: Discrete	Valid cases: 3328867
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## Mode of transport education-Own car/private vehicle (EducCommuteMode\_\_12)

File: cs-2016-person

### Overview

Type: Discrete	Valid cases: 3328867
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## Mode of transport education- Animal-drawn transport/use of animals (EducCommuteMode\_\_13)

File: cs-2016-person

### Overview

Type: Discrete	Valid cases: 3328867
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## Mode of transport education- Other (EducCommuteMode\_\_14)

File: cs-2016-person

### Overview

Type: Discrete	Valid cases: 3328867
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## Highest level of education (EducLevel)

File: cs-2016-person

### Overview

## Highest level of education (EducLevel)

File: cs-2016-person

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 0-99

Valid cases: 3328867  
Invalid: 0  
Minimum: 0  
Maximum: 99

## Higher educational institution type (HighInstitutType)

File: cs-2016-person

### Overview

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

Valid cases: 3328867  
Invalid: 0  
Minimum: 1  
Maximum: 9

## Field of higher educational institution (UnivField)

File: cs-2016-person

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-99

Valid cases: 3328867  
Invalid: 0  
Minimum: 1  
Maximum: 99

## Field of TVET (TVETField)

File: cs-2016-person

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-99

Valid cases: 3328867  
Invalid: 0  
Minimum: 1  
Maximum: 99

## Ever given birth (ceb)

File: cs-2016-person

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-88

Valid cases: 3328867  
Invalid: 0  
Minimum: 1  
Maximum: 88



## Total number of children still alive (TCSurvive)

File: cs-2016-person

### Overview

Type: Discrete	Valid cases: 3328867
Format: numeric	Invalid: 0
Width: 2	Minimum: 0
Decimals: 0	Maximum: 96
Range: 0-96	

## Total number of boys still alive (TCSurvivBoys)

File: cs-2016-person

### Overview

Type: Discrete	Valid cases: 3328867
Format: numeric	Invalid: 0
Width: 2	Minimum: 0
Decimals: 0	Maximum: 96
Range: 0-96	

## Total number of girls still alive (TCSurvivGirls)

File: cs-2016-person

### Overview

Type: Discrete	Valid cases: 3328867
Format: numeric	Invalid: 0
Width: 2	Minimum: 0
Decimals: 0	Maximum: 96
Range: 0-96	

## Total number of children no longer alive (tcnla)

File: cs-2016-person

### Overview

Type: Discrete	Valid cases: 3328867
Format: numeric	Invalid: 0
Width: 2	Minimum: 0
Decimals: 0	Maximum: 96
Range: 0-96	

## Total number of boys no longer alive (TCNLABoys)

File: cs-2016-person

### Overview

Type: Discrete	Valid cases: 3328867
Format: numeric	Invalid: 0
Width: 2	Minimum: 0
Decimals: 0	Maximum: 96
Range: 0-96	

## Total number of girls no longer alive (TCNLAGirls)

File: cs-2016-person

### Overview

Type: Discrete	Valid cases: 3328867
Format: numeric	Invalid: 0
Width: 2	Minimum: 0
Decimals: 0	Maximum: 96
Range: 0-96	

## Total number of children born alive (tceb)

File: cs-2016-person

### Overview

Type: Discrete	Valid cases: 3328867
Format: numeric	Invalid: 0
Width: 2	Minimum: 1
Decimals: 0	Maximum: 96
Range: 1-96	

## Total number of boys born alive (TCEBBoys)

File: cs-2016-person

### Overview

Type: Discrete	Valid cases: 3328867
Format: numeric	Invalid: 0
Width: 2	Minimum: 0
Decimals: 0	Maximum: 96
Range: 0-96	

## Total number of girls born alive (TCEBGirls)

File: cs-2016-person

### Overview

Type: Discrete	Valid cases: 3328867
Format: numeric	Invalid: 0
Width: 2	Minimum: 0
Decimals: 0	Maximum: 96
Range: 0-96	

## Year of birth of last child born (DOBLCB\_Year)

File: cs-2016-person

### Overview

Type: Discrete	Valid cases: 3328867
Format: numeric	Invalid: 0
Width: 4	Minimum: 85
Decimals: 0	Maximum: 9999
Range: 85-9999	

## Month of birth of last child born (DOBLCB\_Month)

File: cs-2016-person

### Overview

Type: Discrete	Valid cases: 3328867
Format: numeric	Invalid: 0
Width: 2	Minimum: 1
Decimals: 0	Maximum: 99
Range: 1-99	

## Sex of last child born (SexLCB)

File: cs-2016-person

### Overview

Type: Discrete	Valid cases: 3328867
Format: numeric	Invalid: 0
Width: 2	Minimum: 1
Decimals: 0	Maximum: 96
Range: 1-96	

## Breastfeeding last child (BreastFeed)

File: cs-2016-person

### Overview

Type: Discrete	Valid cases: 3328867
Format: numeric	Invalid: 0
Width: 2	Minimum: 1
Decimals: 0	Maximum: 96
Range: 1-96	

## Length of breastfeeding last child (LengthBfeed)

File: cs-2016-person

### Overview

Type: Discrete	Valid cases: 3328867
Format: numeric	Invalid: 0
Width: 3	Minimum: 1
Decimals: 0	Maximum: 97
Range: 1-999	

## Last child born still alive (LCBAlive)

File: cs-2016-person

### Overview

Type: Discrete	Valid cases: 3328867
Format: numeric	Invalid: 0
Width: 2	Minimum: 1
Decimals: 0	Maximum: 96
Range: 1-96	

## Year of death of last child born (DODLCB\_Year)

File: cs-2016-person

**Overview**

Type: Discrete	Valid cases: 3328867
Format: numeric	Invalid: 0
Width: 4	Minimum: 85
Decimals: 0	Maximum: 9999
Range: 85-9999	

## Month of death of last child born (DODLCB\_Month)

File: cs-2016-person

**Overview**

Type: Discrete	Valid cases: 3328867
Format: numeric	Invalid: 0
Width: 2	Minimum: 1
Decimals: 0	Maximum: 99
Range: 1-99	

## Births in the last 12 months (Birth\_Last\_12Months)

File: cs-2016-person

**Overview**

Type: Discrete	Valid cases: 3328867
Format: numeric	Invalid: 0
Width: 2	Minimum: 1
Decimals: 0	Maximum: 88
Range: 1-88	

## Province 2011 (PR\_CODE\_2011)

File: cs-2016-person

**Overview**

Type: Discrete	Valid cases: 3328867
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## District/metropolitan municipality 2011 (DC\_MDB\_C\_2011)

File: cs-2016-person

**Overview**

Type: Discrete	Valid cases: 3328867
Format: character	Invalid: 0
Width: 4	

## Local municipality 2011 (MN\_CODE\_2011)

File: cs-2016-person

## Local municipality 2011 (MN\_CODE\_2011)

File: cs-2016-person

### Overview

Type: Discrete	Valid cases: 3328867
Format: numeric	Invalid: 0
Width: 3	Minimum: 160
Decimals: 0	Maximum: 987
Range: 160-987	

## Province 2016 (PR\_CODE\_2016)

File: cs-2016-person

### Overview

Type: Discrete	Valid cases: 3328867
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## District/metropolitan municipality 2016 (DC\_MDB\_C\_2016)

File: cs-2016-person

### Overview

Type: Discrete	Valid cases: 3328867
Format: character	Invalid: 0
Width: 4	

## Local municipality 2016 (MN\_CODE\_2016)

File: cs-2016-person

### Overview

Type: Discrete	Valid cases: 3328867
Format: numeric	Invalid: 0
Width: 4	Minimum: 1011
Decimals: 0	Maximum: 9032
Range: 1011-9032	

## Geographical type (EA\_GTYPE\_C)

File: cs-2016-person

### Overview

Type: Discrete	Valid cases: 3328867
Format: numeric	Invalid: 0
Width: 1	Minimum: 1
Decimals: 0	Maximum: 3
Range: 1-3	

## Person weight (pers\_pstrwgt)

File: cs-2016-person

# Person weight (pers\_pstrwgt)

File: cs-2016-person

## Overview

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 2

Range: 0.344565196-956.00881933

Valid cases: 3328867

Invalid: 0

Minimum: 0.3

Maximum: 956

## Related Materials

### Questionnaires

#### Community Survey 2016 Household Questionnaire

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Title	Community Survey 2016 Household Questionnaire
Date	2016-01-01
Country	South Africa
Contributor(s)	This is the questionnaire for the survey.
Publisher(s)	Statistics South Africa
Description	This document is the questionnaire used in the Community Survey 2007
Filename	q-cs-2016.pdf

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### Reports

#### Community Survey 2016: Statistical release

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Title	Community Survey 2016: Statistical release
Date	2016-01-01
Country	South Africa
Contributor(s)	This is the final report for the survey.
Filename	cs-2016-release.pdf

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#### Community Survey 2016: Provinces at a glance

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Title	Community Survey 2016: Provinces at a glance
Date	2016-01-01
Country	South Africa
Contributor(s)	This is the final report for findings by province.
Filename	cs-2016-provinces.pdf

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### Technical documents

#### Community Survey 2016: Technical report

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Title	Community Survey 2016: Technical report
Date	2016-01-01
Country	South Africa
Contributor(s)	This provides technical information on the survey.
Filename	cs-2016-technical-report.pdf

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