

# South Africa - South African Census 2001, CASASP imputed data

**Centre for the Analysis of South African Social Policy - University of Oxford,  
Statistics South Africa**

Report generated on: March 10, 2014

Visit our data catalog at: <http://www.datafirst.uct.ac.za/dataportal/index.php>

# Overview

## Identification

### ID NUMBER

zaf-statssa-census-2001-casasp-v1

## Version

### VERSION DESCRIPTION

v1: Edited, anonymised dataset for licensed distribution

### PRODUCTION DATE

2006

## Overview

### ABSTRACT

This dataset includes imputation for missing data in key variables in the ten percent sample of the 2001 South African Census. Researchers at the Centre for the Analysis of South African Social Policy (CASASP) at the University of Oxford used sequential multiple regression techniques to impute income, education, age, gender, population group, occupation and employment status in the dataset. The main focus of the work was to impute income where it was missing or recorded as zero. The imputed results are similar to previous imputation work on the 2001 South African Census, including the single 'hot-deck' imputation carried out by Statistics South Africa.

### KIND OF DATA

Sample survey data [ssd]

## Producers and Sponsors

### PRIMARY INVESTIGATOR(S)

Name	Affiliation
Centre for the Analysis of South African Social Policy	University of Oxford
Statistics South Africa	

## Metadata Production

### METADATA PRODUCED BY

Name	Abbreviation	Affiliation	Role
Centre for the Analysis of South African Social Policy	CASASP	University of Oxford	Metadata Producer
DataFirst		University of Cape Town	Metadata Producer

### DATE OF METADATA PRODUCTION

2010-10-31

### DDI DOCUMENT VERSION

Version 1.1

### DDI DOCUMENT ID

ddi-zaf-datafirst-census-2001-casasp-v1

## Sampling

No content available

## Questionnaires

No content available

## Data Collection

### Data Collection Dates

Start	End	Cycle
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### Data Collection Mode

Face-to-face [f2f]
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## Data Processing

No content available

## Data Appraisal

No content available

## File Description



## Variable List

## CASASP\_Imputation1

Content

Cases 3599972

Variable(s) 13

Structure Type:  
Keys: ()

Version

Producer

Missing Data

## Variables

ID	Name	Label	Type	Format	Question
V14	serial_number		contin	numeric	
V15	person_number		contin	numeric	
V16	rural		discrete	numeric	
V17	province		discrete	numeric	
V18	age_imp		contin	numeric	
V19	sex_imp		discrete	numeric	
V20	pop_group_imp		discrete	numeric	
V21	emp_status_imp		discrete	numeric	
V22	edu_years_imp		contin	numeric	
V23	income_imp		discrete	numeric	
V24	occup_imp		discrete	numeric	
V25	imp_number		discrete	numeric	
V26	unique_person_number		contin	numeric	

## CASASP\_Imputation2

Content

Cases 3599972

Variable(s) 13

Structure  
Type:  
Keys: ()

Version

Producer

Missing Data

## Variables

ID	Name	Label	Type	Format	Question
V27	serial_number		contin	numeric	
V28	person_number		contin	numeric	
V29	rural		discrete	numeric	
V30	province		discrete	numeric	
V31	age_imp		contin	numeric	
V32	sex_imp		discrete	numeric	
V33	pop_group_imp		discrete	numeric	
V34	emp_status_imp		discrete	numeric	
V35	edu_years_imp		contin	numeric	
V36	income_imp		discrete	numeric	
V37	occup_imp		discrete	numeric	
V38	imp_number		discrete	numeric	
V39	unique_person_number		contin	numeric	

## CASASP\_Imputation3

Content

Cases 3599972

Variable(s) 13

Structure  
Type:  
Keys: ()

Version

Producer

Missing Data

## Variables

ID	Name	Label	Type	Format	Question
V40	serial_number		contin	numeric	
V41	person_number		contin	numeric	
V42	rural		discrete	numeric	
V43	province		discrete	numeric	
V44	age_imp		contin	numeric	
V45	sex_imp		discrete	numeric	
V46	pop_group_imp		discrete	numeric	
V47	emp_status_imp		discrete	numeric	
V48	edu_years_imp		contin	numeric	
V49	income_imp		discrete	numeric	
V50	occup_imp		discrete	numeric	
V51	imp_number		discrete	numeric	
V52	unique_person_number		contin	numeric	

## CASASP\_Imputation4

Content

Cases 3599972

Variable(s) 13

Structure Type:  
Keys: ()

Version

Producer

Missing Data

## Variables

ID	Name	Label	Type	Format	Question
V53	serial_number		contin	numeric	
V54	person_number		contin	numeric	
V55	rural		discrete	numeric	
V56	province		discrete	numeric	
V57	age_imp		contin	numeric	
V58	sex_imp		discrete	numeric	
V59	pop_group_imp		discrete	numeric	
V60	emp_status_imp		discrete	numeric	
V61	edu_years_imp		contin	numeric	
V62	income_imp		discrete	numeric	
V63	occup_imp		discrete	numeric	
V64	imp_number		discrete	numeric	
V65	unique_person_number		contin	numeric	

## CASASP\_Imputation5

Content

Cases 3599972

Variable(s) 13

Structure Type:  
Keys: ()

Version

Producer

Missing Data

## Variables

ID	Name	Label	Type	Format	Question
V66	serial_number		contin	numeric	
V67	person_number		contin	numeric	
V68	rural		discrete	numeric	
V69	province		discrete	numeric	
V70	age_imp		contin	numeric	
V71	sex_imp		discrete	numeric	
V72	pop_group_imp		discrete	numeric	
V73	emp_status_imp		discrete	numeric	
V74	edu_years_imp		contin	numeric	
V75	income_imp		discrete	numeric	
V76	occup_imp		discrete	numeric	
V77	imp_number		discrete	numeric	
V78	unique_person_number		contin	numeric	

## CASASP\_Imputation6

Content

Cases 3599972

Variable(s) 13

Structure  
Type:  
Keys: ()

Version

Producer

Missing Data

## Variables

ID	Name	Label	Type	Format	Question
V79	serial_number		contin	numeric	
V80	person_number		contin	numeric	
V81	rural		discrete	numeric	
V82	province		discrete	numeric	
V83	age_imp		contin	numeric	
V84	sex_imp		discrete	numeric	
V85	pop_group_imp		discrete	numeric	
V86	emp_status_imp		discrete	numeric	
V87	edu_years_imp		contin	numeric	
V88	income_imp		discrete	numeric	
V89	occup_imp		discrete	numeric	
V90	imp_number		discrete	numeric	
V91	unique_person_number		contin	numeric	

## CASASP\_Imputation7

Content

Cases 3599972

Variable(s) 13

Structure  
Type:  
Keys: ()

Version

Producer

Missing Data

## Variables

ID	Name	Label	Type	Format	Question
V92	serial_number		contin	numeric	
V93	person_number		contin	numeric	
V94	rural		discrete	numeric	
V95	province		discrete	numeric	
V96	age_imp		contin	numeric	
V97	sex_imp		discrete	numeric	
V98	pop_group_imp		discrete	numeric	
V99	emp_status_imp		discrete	numeric	
V100	edu_years_imp		contin	numeric	
V101	income_imp		discrete	numeric	
V102	occup_imp		discrete	numeric	
V103	imp_number		discrete	numeric	
V104	unique_person_number		contin	numeric	



## CASASP\_Imputation8

Content

Cases 3599972

Variable(s) 13

Structure  
Type:  
Keys: ()

Version

Producer

Missing Data

## Variables

ID	Name	Label	Type	Format	Question
V105	serial_number		contin	numeric	
V106	person_number		contin	numeric	
V107	rural		discrete	numeric	
V108	province		discrete	numeric	
V109	age_imp		contin	numeric	
V110	sex_imp		discrete	numeric	
V111	pop_group_imp		discrete	numeric	
V112	emp_status_imp		discrete	numeric	
V113	edu_years_imp		contin	numeric	
V114	income_imp		discrete	numeric	
V115	occup_imp		discrete	numeric	
V116	imp_number		discrete	numeric	
V117	unique_person_number		contin	numeric	

## CASASP\_Imputation9

Content

Cases 3599972

Variable(s) 13

Structure Type:  
Keys: ()

Version

Producer

Missing Data

## Variables

ID	Name	Label	Type	Format	Question
V118	serial_number		contin	numeric	
V119	person_number		contin	numeric	
V120	rural		discrete	numeric	
V121	province		discrete	numeric	
V122	age_imp		contin	numeric	
V123	sex_imp		discrete	numeric	
V124	pop_group_imp		discrete	numeric	
V125	emp_status_imp		discrete	numeric	
V126	edu_years_imp		contin	numeric	
V127	income_imp		discrete	numeric	
V128	occup_imp		discrete	numeric	
V129	imp_number		discrete	numeric	
V130	unique_person_number		contin	numeric	

## CASASP\_Imputation10

Content

Cases 3599972

Variable(s) 13

Structure Type:  
Keys: ()

Version

Producer

Missing Data

## Variables

ID	Name	Label	Type	Format	Question
V1	serial_number		contin	numeric	
V2	person_number		contin	numeric	
V3	rural		discrete	numeric	
V4	province		discrete	numeric	
V5	age_imp		contin	numeric	
V6	sex_imp		discrete	numeric	
V7	pop_group_imp		discrete	numeric	
V8	emp_status_imp		discrete	numeric	
V9	edu_years_imp		contin	numeric	
V10	income_imp		discrete	numeric	
V11	occup_imp		discrete	numeric	
V12	imp_number		discrete	numeric	
V13	unique_person_number		contin	numeric	



**(serial\_number)**

File: CASASP\_Imputation1

**Overview**

Type: Continuous	Valid cases: 3599972
Format: numeric	Invalid: 0
Width: 9	Minimum: 100000424
Decimals: 0	Maximum: 820014292
Range: 100000424-820014292	Mean: 281454954.9
	Standard deviation: 201837002.5

**(person\_number)**

File: CASASP\_Imputation1

**Overview**

Type: Continuous	Valid cases: 3599972
Format: numeric	Invalid: 0
Width: 2	Minimum: 1
Decimals: 0	Maximum: 49
Range: 1-49	Mean: 3.3
	Standard deviation: 2.4

**(rural)**

File: CASASP\_Imputation1

**Overview**

Type: Discrete	Valid cases: 3599972
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 0-1	

**(province)**

File: CASASP\_Imputation1

**Overview**

Type: Discrete	Valid cases: 3599972
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-9	

**(age\_imp)**

File: CASASP\_Imputation1

**Overview**

Type: Continuous	Valid cases: 3599972
Format: numeric	Invalid: 0
Width: 3	Minimum: 0
Decimals: 0	Maximum: 120
Range: 0-120	Mean: 26.6
	Standard deviation: 19.4

**(sex\_imp)**

File: CASASP\_Imputation1

**Overview**

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

Valid cases: 3599972  
 Invalid: 0

**(pop\_group\_imp)**

File: CASASP\_Imputation1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 1-4

Valid cases: 3599972  
 Invalid: 0

**(emp\_status\_imp)**

File: CASASP\_Imputation1

**Overview**

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

Valid cases: 3599972  
 Invalid: 0

**(edu\_years\_imp)**

File: CASASP\_Imputation1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-18

Valid cases: 3599972  
 Invalid: 0  
 Minimum: 0  
 Maximum: 18  
 Mean: 6.1  
 Standard deviation: 4.6

**(income\_imp)**

File: CASASP\_Imputation1

**Overview**

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

Valid cases: 3599972  
 Invalid: 0

**(occup\_imp)**

File: CASASP\_Imputation1

**Overview**

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

Valid cases: 3599972  
 Invalid: 0

**(imp\_number)**

File: CASASP\_Imputation1

**Overview**

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

Valid cases: 3599972  
 Invalid: 0

**(unique\_person\_number)**

File: CASASP\_Imputation1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 7  
 Decimals: 0  
 Range: 1-3599972

Valid cases: 3599972  
 Invalid: 0  
 Minimum: 1  
 Maximum: 3599972  
 Mean: 1799986.5  
 Standard deviation: 1039222.5

**(serial\_number)**

File: CASASP\_Imputation2

**Overview**

Type: Continuous	Valid cases: 3599972
Format: numeric	Invalid: 0
Width: 9	Minimum: 100000424
Decimals: 0	Maximum: 820014292
Range: 100000424-820014292	Mean: 281454954.9
	Standard deviation: 201837002.5

**(person\_number)**

File: CASASP\_Imputation2

**Overview**

Type: Continuous	Valid cases: 3599972
Format: numeric	Invalid: 0
Width: 2	Minimum: 1
Decimals: 0	Maximum: 49
Range: 1-49	Mean: 3.3
	Standard deviation: 2.4

**(rural)**

File: CASASP\_Imputation2

**Overview**

Type: Discrete	Valid cases: 3599972
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 0-1	

**(province)**

File: CASASP\_Imputation2

**Overview**

Type: Discrete	Valid cases: 3599972
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-9	

**(age\_imp)**

File: CASASP\_Imputation2

**Overview**

Type: Continuous	Valid cases: 3599972
Format: numeric	Invalid: 0
Width: 3	Minimum: 0
Decimals: 0	Maximum: 120
Range: 0-120	Mean: 26.6
	Standard deviation: 19.4



**(sex\_imp)**

File: CASASP\_Imputation2

**Overview**

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

Valid cases: 3599972  
 Invalid: 0

**(pop\_group\_imp)**

File: CASASP\_Imputation2

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 1-4

Valid cases: 3599972  
 Invalid: 0

**(emp\_status\_imp)**

File: CASASP\_Imputation2

**Overview**

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

Valid cases: 3599972  
 Invalid: 0

**(edu\_years\_imp)**

File: CASASP\_Imputation2

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-18

Valid cases: 3599972  
 Invalid: 0  
 Minimum: 0  
 Maximum: 18  
 Mean: 6.1  
 Standard deviation: 4.6

**(income\_imp)**

File: CASASP\_Imputation2

**Overview**

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

Valid cases: 3599972  
 Invalid: 0

**(occup\_imp)**

File: CASASP\_Imputation2

**Overview**

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

Valid cases: 3599972  
 Invalid: 0

**(imp\_number)**

File: CASASP\_Imputation2

**Overview**

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

Valid cases: 3599972  
 Invalid: 0

**(unique\_person\_number)**

File: CASASP\_Imputation2

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 7  
 Decimals: 0  
 Range: 1-3599972

Valid cases: 3599972  
 Invalid: 0  
 Minimum: 1  
 Maximum: 3599972  
 Mean: 1799986.5  
 Standard deviation: 1039222.5

**(serial\_number)**

File: CASASP\_Imputation3

**Overview**

Type: Continuous	Valid cases: 3599972
Format: numeric	Invalid: 0
Width: 9	Minimum: 100000424
Decimals: 0	Maximum: 820014292
Range: 100000424-820014292	Mean: 281454954.9
	Standard deviation: 201837002.5

**(person\_number)**

File: CASASP\_Imputation3

**Overview**

Type: Continuous	Valid cases: 3599972
Format: numeric	Invalid: 0
Width: 2	Minimum: 1
Decimals: 0	Maximum: 49
Range: 1-49	Mean: 3.3
	Standard deviation: 2.4

**(rural)**

File: CASASP\_Imputation3

**Overview**

Type: Discrete	Valid cases: 3599972
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 0-1	

**(province)**

File: CASASP\_Imputation3

**Overview**

Type: Discrete	Valid cases: 3599972
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-9	

**(age\_imp)**

File: CASASP\_Imputation3

**Overview**

Type: Continuous	Valid cases: 3599972
Format: numeric	Invalid: 0
Width: 3	Minimum: 0
Decimals: 0	Maximum: 120
Range: 0-120	Mean: 26.6
	Standard deviation: 19.4

**(sex\_imp)**

File: CASASP\_Imputation3

**Overview**

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

Valid cases: 3599972  
 Invalid: 0

**(pop\_group\_imp)**

File: CASASP\_Imputation3

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 1-4

Valid cases: 3599972  
 Invalid: 0

**(emp\_status\_imp)**

File: CASASP\_Imputation3

**Overview**

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

Valid cases: 3599972  
 Invalid: 0

**(edu\_years\_imp)**

File: CASASP\_Imputation3

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-18

Valid cases: 3599972  
 Invalid: 0  
 Minimum: 0  
 Maximum: 18  
 Mean: 6.1  
 Standard deviation: 4.6

**(income\_imp)**

File: CASASP\_Imputation3

**Overview**

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

Valid cases: 3599972  
 Invalid: 0

**(occup\_imp)**

File: CASASP\_Imputation3

**Overview**

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

Valid cases: 3599972  
 Invalid: 0

**(imp\_number)**

File: CASASP\_Imputation3

**Overview**

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

Valid cases: 3599972  
 Invalid: 0

**(unique\_person\_number)**

File: CASASP\_Imputation3

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 7  
 Decimals: 0  
 Range: 1-3599972

Valid cases: 3599972  
 Invalid: 0  
 Minimum: 1  
 Maximum: 3599972  
 Mean: 1799986.5  
 Standard deviation: 1039222.5

**(serial\_number)**

File: CASASP\_Imputation4

**Overview**

Type: Continuous	Valid cases: 3599972
Format: numeric	Invalid: 0
Width: 9	Minimum: 100000424
Decimals: 0	Maximum: 820014292
Range: 100000424-820014292	Mean: 281454954.9
	Standard deviation: 201837002.5

**(person\_number)**

File: CASASP\_Imputation4

**Overview**

Type: Continuous	Valid cases: 3599972
Format: numeric	Invalid: 0
Width: 2	Minimum: 1
Decimals: 0	Maximum: 49
Range: 1-49	Mean: 3.3
	Standard deviation: 2.4

**(rural)**

File: CASASP\_Imputation4

**Overview**

Type: Discrete	Valid cases: 3599972
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 0-1	

**(province)**

File: CASASP\_Imputation4

**Overview**

Type: Discrete	Valid cases: 3599972
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-9	

**(age\_imp)**

File: CASASP\_Imputation4

**Overview**

Type: Continuous	Valid cases: 3599972
Format: numeric	Invalid: 0
Width: 3	Minimum: 0
Decimals: 0	Maximum: 120
Range: 0-120	Mean: 26.6
	Standard deviation: 19.4

**(sex\_imp)**

File: CASASP\_Imputation4

**Overview**

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

Valid cases: 3599972  
 Invalid: 0

**(pop\_group\_imp)**

File: CASASP\_Imputation4

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 1-4

Valid cases: 3599972  
 Invalid: 0

**(emp\_status\_imp)**

File: CASASP\_Imputation4

**Overview**

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

Valid cases: 3599972  
 Invalid: 0

**(edu\_years\_imp)**

File: CASASP\_Imputation4

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-18

Valid cases: 3599972  
 Invalid: 0  
 Minimum: 0  
 Maximum: 18  
 Mean: 6.1  
 Standard deviation: 4.6

**(income\_imp)**

File: CASASP\_Imputation4

**Overview**

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

Valid cases: 3599972  
 Invalid: 0

**(occup\_imp)**

File: CASASP\_Imputation4

**Overview**

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

Valid cases: 3599972  
 Invalid: 0

**(imp\_number)**

File: CASASP\_Imputation4

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 4-4

Valid cases: 3599972  
 Invalid: 0

**(unique\_person\_number)**

File: CASASP\_Imputation4

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 7  
 Decimals: 0  
 Range: 1-3599972

Valid cases: 3599972  
 Invalid: 0  
 Minimum: 1  
 Maximum: 3599972  
 Mean: 1799986.5  
 Standard deviation: 1039222.5



**(serial\_number)**

File: CASASP\_Imputation5

**Overview**

Type: Continuous	Valid cases: 3599972
Format: numeric	Invalid: 0
Width: 9	Minimum: 100000424
Decimals: 0	Maximum: 820014292
Range: 100000424-820014292	Mean: 281454954.9
	Standard deviation: 201837002.5

**(person\_number)**

File: CASASP\_Imputation5

**Overview**

Type: Continuous	Valid cases: 3599972
Format: numeric	Invalid: 0
Width: 2	Minimum: 1
Decimals: 0	Maximum: 49
Range: 1-49	Mean: 3.3
	Standard deviation: 2.4

**(rural)**

File: CASASP\_Imputation5

**Overview**

Type: Discrete	Valid cases: 3599972
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 0-1	

**(province)**

File: CASASP\_Imputation5

**Overview**

Type: Discrete	Valid cases: 3599972
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-9	

**(age\_imp)**

File: CASASP\_Imputation5

**Overview**

Type: Continuous	Valid cases: 3599972
Format: numeric	Invalid: 0
Width: 3	Minimum: 0
Decimals: 0	Maximum: 120
Range: 0-120	Mean: 26.6
	Standard deviation: 19.4

**(sex\_imp)**

File: CASASP\_Imputation5

**Overview**

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

Valid cases: 3599972  
 Invalid: 0

**(pop\_group\_imp)**

File: CASASP\_Imputation5

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 1-4

Valid cases: 3599972  
 Invalid: 0

**(emp\_status\_imp)**

File: CASASP\_Imputation5

**Overview**

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

Valid cases: 3599972  
 Invalid: 0

**(edu\_years\_imp)**

File: CASASP\_Imputation5

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-18

Valid cases: 3599972  
 Invalid: 0  
 Minimum: 0  
 Maximum: 18  
 Mean: 6.1  
 Standard deviation: 4.6

**(income\_imp)**

File: CASASP\_Imputation5

**Overview**

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

Valid cases: 3599972  
 Invalid: 0

**(occup\_imp)**

File: CASASP\_Imputation5

**Overview**

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

Valid cases: 3599972  
Invalid: 0

**(imp\_number)**

File: CASASP\_Imputation5

**Overview**

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

Valid cases: 3599972  
Invalid: 0

**(unique\_person\_number)**

File: CASASP\_Imputation5

**Overview**

Type: Continuous  
Format: numeric  
Width: 7  
Decimals: 0  
Range: 1-3599972

Valid cases: 3599972  
Invalid: 0  
Minimum: 1  
Maximum: 3599972  
Mean: 1799986.5  
Standard deviation: 1039222.5

**(serial\_number)**

File: CASASP\_Imputation6

**Overview**

Type: Continuous	Valid cases: 3599972
Format: numeric	Invalid: 0
Width: 9	Minimum: 100000424
Decimals: 0	Maximum: 820014292
Range: 100000424-820014292	Mean: 281454954.9
	Standard deviation: 201837002.5

**(person\_number)**

File: CASASP\_Imputation6

**Overview**

Type: Continuous	Valid cases: 3599972
Format: numeric	Invalid: 0
Width: 2	Minimum: 1
Decimals: 0	Maximum: 49
Range: 1-49	Mean: 3.3
	Standard deviation: 2.4

**(rural)**

File: CASASP\_Imputation6

**Overview**

Type: Discrete	Valid cases: 3599972
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 0-1	

**(province)**

File: CASASP\_Imputation6

**Overview**

Type: Discrete	Valid cases: 3599972
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-9	

**(age\_imp)**

File: CASASP\_Imputation6

**Overview**

Type: Continuous	Valid cases: 3599972
Format: numeric	Invalid: 0
Width: 3	Minimum: 0
Decimals: 0	Maximum: 120
Range: 0-120	Mean: 26.6
	Standard deviation: 19.4

**(sex\_imp)**

File: CASASP\_Imputation6

**Overview**

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

Valid cases: 3599972  
 Invalid: 0

**(pop\_group\_imp)**

File: CASASP\_Imputation6

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 1-4

Valid cases: 3599972  
 Invalid: 0

**(emp\_status\_imp)**

File: CASASP\_Imputation6

**Overview**

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

Valid cases: 3599972  
 Invalid: 0

**(edu\_years\_imp)**

File: CASASP\_Imputation6

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-18

Valid cases: 3599972  
 Invalid: 0  
 Minimum: 0  
 Maximum: 18  
 Mean: 6.1  
 Standard deviation: 4.6

**(income\_imp)**

File: CASASP\_Imputation6

**Overview**

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

Valid cases: 3599972  
 Invalid: 0

**(occup\_imp)**

File: CASASP\_Imputation6

**Overview**

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

Valid cases: 3599972  
 Invalid: 0

**(imp\_number)**

File: CASASP\_Imputation6

**Overview**

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

Valid cases: 3599972  
 Invalid: 0

**(unique\_person\_number)**

File: CASASP\_Imputation6

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 7  
 Decimals: 0  
 Range: 1-3599972

Valid cases: 3599972  
 Invalid: 0  
 Minimum: 1  
 Maximum: 3599972  
 Mean: 1799986.5  
 Standard deviation: 1039222.5

**(serial\_number)**

File: CASASP\_Imputation7

**Overview**

Type: Continuous	Valid cases: 3599972
Format: numeric	Invalid: 0
Width: 9	Minimum: 100000424
Decimals: 0	Maximum: 820014292
Range: 100000424-820014292	Mean: 281454954.9
	Standard deviation: 201837002.5

**(person\_number)**

File: CASASP\_Imputation7

**Overview**

Type: Continuous	Valid cases: 3599972
Format: numeric	Invalid: 0
Width: 2	Minimum: 1
Decimals: 0	Maximum: 49
Range: 1-49	Mean: 3.3
	Standard deviation: 2.4

**(rural)**

File: CASASP\_Imputation7

**Overview**

Type: Discrete	Valid cases: 3599972
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 0-1	

**(province)**

File: CASASP\_Imputation7

**Overview**

Type: Discrete	Valid cases: 3599972
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-9	

**(age\_imp)**

File: CASASP\_Imputation7

**Overview**

Type: Continuous	Valid cases: 3599972
Format: numeric	Invalid: 0
Width: 3	Minimum: 0
Decimals: 0	Maximum: 120
Range: 0-120	Mean: 26.6
	Standard deviation: 19.4

**(sex\_imp)**

File: CASASP\_Imputation7

**Overview**

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

Valid cases: 3599972  
 Invalid: 0

**(pop\_group\_imp)**

File: CASASP\_Imputation7

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 1-4

Valid cases: 3599972  
 Invalid: 0

**(emp\_status\_imp)**

File: CASASP\_Imputation7

**Overview**

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

Valid cases: 3599972  
 Invalid: 0

**(edu\_years\_imp)**

File: CASASP\_Imputation7

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-18

Valid cases: 3599972  
 Invalid: 0  
 Minimum: 0  
 Maximum: 18  
 Mean: 6.1  
 Standard deviation: 4.6

**(income\_imp)**

File: CASASP\_Imputation7

**Overview**

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

Valid cases: 3599972  
 Invalid: 0



**(occup\_imp)**

File: CASASP\_Imputation7

**Overview**

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

Valid cases: 3599972  
 Invalid: 0

**(imp\_number)**

File: CASASP\_Imputation7

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 7-7

Valid cases: 3599972  
 Invalid: 0

**(unique\_person\_number)**

File: CASASP\_Imputation7

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 7  
 Decimals: 0  
 Range: 1-3599972

Valid cases: 3599972  
 Invalid: 0  
 Minimum: 1  
 Maximum: 3599972  
 Mean: 1799986.5  
 Standard deviation: 1039222.5

**(serial\_number)**

File: CASASP\_Imputation8

**Overview**

Type: Continuous	Valid cases: 3599972
Format: numeric	Invalid: 0
Width: 9	Minimum: 100000424
Decimals: 0	Maximum: 820014292
Range: 100000424-820014292	Mean: 281454954.9
	Standard deviation: 201837002.5

**(person\_number)**

File: CASASP\_Imputation8

**Overview**

Type: Continuous	Valid cases: 3599972
Format: numeric	Invalid: 0
Width: 2	Minimum: 1
Decimals: 0	Maximum: 49
Range: 1-49	Mean: 3.3
	Standard deviation: 2.4

**(rural)**

File: CASASP\_Imputation8

**Overview**

Type: Discrete	Valid cases: 3599972
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 0-1	

**(province)**

File: CASASP\_Imputation8

**Overview**

Type: Discrete	Valid cases: 3599972
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-9	

**(age\_imp)**

File: CASASP\_Imputation8

**Overview**

Type: Continuous	Valid cases: 3599972
Format: numeric	Invalid: 0
Width: 3	Minimum: 0
Decimals: 0	Maximum: 120
Range: 0-120	Mean: 26.6
	Standard deviation: 19.4

**(sex\_imp)**

File: CASASP\_Imputation8

**Overview**

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

Valid cases: 3599972  
 Invalid: 0

**(pop\_group\_imp)**

File: CASASP\_Imputation8

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 1-4

Valid cases: 3599972  
 Invalid: 0

**(emp\_status\_imp)**

File: CASASP\_Imputation8

**Overview**

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

Valid cases: 3599972  
 Invalid: 0

**(edu\_years\_imp)**

File: CASASP\_Imputation8

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-18

Valid cases: 3599972  
 Invalid: 0  
 Minimum: 0  
 Maximum: 18  
 Mean: 6.1  
 Standard deviation: 4.6

**(income\_imp)**

File: CASASP\_Imputation8

**Overview**

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

Valid cases: 3599972  
 Invalid: 0

**(occup\_imp)**

File: CASASP\_Imputation8

**Overview**

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

Valid cases: 3599972  
Invalid: 0

**(imp\_number)**

File: CASASP\_Imputation8

**Overview**

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

Valid cases: 3599972  
Invalid: 0

**(unique\_person\_number)**

File: CASASP\_Imputation8

**Overview**

Type: Continuous  
Format: numeric  
Width: 7  
Decimals: 0  
Range: 1-3599972

Valid cases: 3599972  
Invalid: 0  
Minimum: 1  
Maximum: 3599972  
Mean: 1799986.5  
Standard deviation: 1039222.5

**(serial\_number)**

File: CASASP\_Imputation9

**Overview**

Type: Continuous	Valid cases: 3599972
Format: numeric	Invalid: 0
Width: 9	Minimum: 100000424
Decimals: 0	Maximum: 820014292
Range: 100000424-820014292	Mean: 281454954.9
	Standard deviation: 201837002.5

**(person\_number)**

File: CASASP\_Imputation9

**Overview**

Type: Continuous	Valid cases: 3599972
Format: numeric	Invalid: 0
Width: 2	Minimum: 1
Decimals: 0	Maximum: 49
Range: 1-49	Mean: 3.3
	Standard deviation: 2.4

**(rural)**

File: CASASP\_Imputation9

**Overview**

Type: Discrete	Valid cases: 3599972
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 0-1	

**(province)**

File: CASASP\_Imputation9

**Overview**

Type: Discrete	Valid cases: 3599972
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-9	

**(age\_imp)**

File: CASASP\_Imputation9

**Overview**

Type: Continuous	Valid cases: 3599972
Format: numeric	Invalid: 0
Width: 3	Minimum: 0
Decimals: 0	Maximum: 120
Range: 0-120	Mean: 26.6
	Standard deviation: 19.4

**(sex\_imp)**

File: CASASP\_Imputation9

**Overview**

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

Valid cases: 3599972  
 Invalid: 0

**(pop\_group\_imp)**

File: CASASP\_Imputation9

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 1-4

Valid cases: 3599972  
 Invalid: 0

**(emp\_status\_imp)**

File: CASASP\_Imputation9

**Overview**

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

Valid cases: 3599972  
 Invalid: 0

**(edu\_years\_imp)**

File: CASASP\_Imputation9

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-18

Valid cases: 3599972  
 Invalid: 0  
 Minimum: 0  
 Maximum: 18  
 Mean: 6.1  
 Standard deviation: 4.6

**(income\_imp)**

File: CASASP\_Imputation9

**Overview**

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

Valid cases: 3599972  
 Invalid: 0

**(occup\_imp)**

File: CASASP\_Imputation9

**Overview**

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

Valid cases: 3599972  
 Invalid: 0

**(imp\_number)**

File: CASASP\_Imputation9

**Overview**

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

Valid cases: 3599972  
 Invalid: 0

**(unique\_person\_number)**

File: CASASP\_Imputation9

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 7  
 Decimals: 0  
 Range: 1-3599972

Valid cases: 3599972  
 Invalid: 0  
 Minimum: 1  
 Maximum: 3599972  
 Mean: 1799986.5  
 Standard deviation: 1039222.5

**(serial\_number)**

File: CASASP\_Imputation10

**Overview**

Type: Continuous	Valid cases: 3599972
Format: numeric	Invalid: 0
Width: 9	Minimum: 100000424
Decimals: 0	Maximum: 820014292
Range: 100000424-820014292	Mean: 281454954.9
	Standard deviation: 201837002.5

**(person\_number)**

File: CASASP\_Imputation10

**Overview**

Type: Continuous	Valid cases: 3599972
Format: numeric	Invalid: 0
Width: 2	Minimum: 1
Decimals: 0	Maximum: 49
Range: 1-49	Mean: 3.3
	Standard deviation: 2.4

**(rural)**

File: CASASP\_Imputation10

**Overview**

Type: Discrete	Valid cases: 3599972
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 0-1	

**(province)**

File: CASASP\_Imputation10

**Overview**

Type: Discrete	Valid cases: 3599972
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-9	

**(age\_imp)**

File: CASASP\_Imputation10

**Overview**

Type: Continuous	Valid cases: 3599972
Format: numeric	Invalid: 0
Width: 3	Minimum: 0
Decimals: 0	Maximum: 120
Range: 0-120	Mean: 26.6
	Standard deviation: 19.4



**(sex\_imp)**

File: CASASP\_Imputation10

**Overview**

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

Valid cases: 3599972  
 Invalid: 0

**(pop\_group\_imp)**

File: CASASP\_Imputation10

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 1-4

Valid cases: 3599972  
 Invalid: 0

**(emp\_status\_imp)**

File: CASASP\_Imputation10

**Overview**

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

Valid cases: 3599972  
 Invalid: 0

**(edu\_years\_imp)**

File: CASASP\_Imputation10

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-18

Valid cases: 3599972  
 Invalid: 0  
 Minimum: 0  
 Maximum: 18  
 Mean: 6.1  
 Standard deviation: 4.6

**(income\_imp)**

File: CASASP\_Imputation10

**Overview**

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

Valid cases: 3599972  
 Invalid: 0

**(occup\_imp)**

File: CASASP\_Imputation10

**Overview**

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

Valid cases: 3599972  
 Invalid: 0

**(imp\_number)**

File: CASASP\_Imputation10

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 10-10

Valid cases: 3599972  
 Invalid: 0

**(unique\_person\_number)**

File: CASASP\_Imputation10

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 7  
 Decimals: 0  
 Range: 1-3599972

Valid cases: 3599972  
 Invalid: 0  
 Minimum: 1  
 Maximum: 3599972  
 Mean: 1799986.5  
 Standard deviation: 1039222.5

# Documentation

## Questionnaires

### South African Census 2001 Household Questionnaire

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Title South African Census 2001 Household Questionnaire  
Filename Q\_SA Census 2001 Household.pdf

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### South African Census 2001 Institutions Questionnaire

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Title South African Census 2001 Institutions Questionnaire  
Filename Q\_SA Census 2001 Ind in Institutions.pdf

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## Technical documents

### South African Census 2001 CASASP Imputations - Metadata

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Title South African Census 2001 CASASP Imputations - Metadata  
Country South Africa  
Language English  
Filename Census 2001 Imputation Metadata.pdf

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## Other materials

### South African Census 2001 CASASP Imputations

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Title South African Census 2001 CASASP Imputations  
Country South Africa  
Language English  
Filename Census 2001 Imputation of missing data.pdf

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