

# South Africa - SAPRIN Individual Demographic Dataset 2018

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Visit our data catalog at: <http://saprindata.samrc.ac.za/index.php>

# Overview

## Identification

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ID NUMBER  
SAPRIN.SIDD2018V2

## Version

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VERSION DESCRIPTION  
v2: Edited Dataset for public distribution.

PRODUCTION DATE  
2019-12-09

NOTES  
v2: Edited Dataset for public distribution.

1. Version 2 includes information about neonates who were born and died on the same day and who were excluded from version 1 of the dataset.
2. Updated the dataset to Stata 11/12
3. Included a csv dataset version

## Overview

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### ABSTRACT

The 'South African Population Research Infrastructure Network' (SAPRIN) is a national research infrastructure funded through the Department of Science and Technology and hosted by the South African Medical Research Council.

One of SAPRIN's initial goals has been to harmonise the legacy longitudinal data from the three current Health and Demographic Surveillance System (HDSS) Nodes. These long-standing nodes are the MRC/Wits University Agincourt HDSS in Bushbuckridge District, Mpumalanga, established in 1993, with a population of 116 000 people; the University of Limpopo DIMAMO HDSS in the Capricorn District of Limpopo, established in 1996, with a current population of 100 000; and the Africa Health Research Institute (AHRI) HDSS in uMkhanyakude District, KwaZulu-Natal, established in 2000, with a current population of 125 000.

SAPRIN data are processed for longitudinal analysis by organising the demographic data into residence episodes at a geographical location, and membership episodes within a household. Start events include enumeration, birth, in-migration and relocating into a household from within the study population; exit events include death (by cause), out-migration, and relocating to another location in the study population. Variables routinely updated at individual level include health care utilisation, marital status, labour status, education status, as well as recording household asset status. Anticipated outcomes of SAPRIN include: (i) regular releases of up-to-date, longitudinal data, representative of South Africa's fast-changing poorer communities for research, interpretation and calibration of national datasets; (ii) national statistics triangulation, whereby longitudinal SAPRIN data are triangulated with National Census data for calibration of national statistics and studying the mechanisms driving the national statistics; (iii) An interdisciplinary research platform for conducting observational and interventional research at population level; (iv) policy engagement to provide evidence to underpin policy-making for cost evaluation and targeting intervention programmes, thereby improving the accuracy and efficiency of pro-poor, health and wellbeing interventions; (v) scientific education through training at related universities; and (vi) community engagement, whereby coordinated engagement with communities will enable two-way learning between researchers and community members, and enabling research site communities and service providers to have access to and make effective use of research results.

KIND OF DATA

## Event history data

## UNITS OF ANALYSIS

Exposure Episodes

## Scope

## NOTES

Each record in the dataset represents a period of observation for an individual during which all the recorded characteristics of the individual stay constant. For example on the birthday of the individual a new episode will start, because the age of the individual has changed. An out-migration will result in a new episode, because the location or residential status has changed. Any change in one of the status values, such as education or marital status, will likewise result in a new episode on the date of the change.

## TOPICS

Topic	Vocabulary	URI
Fertility, Mortality, Migration		

## KEYWORDS

Fertility, Mortality, Migration

## Coverage

## GEOGRAPHIC COVERAGE

The Agincourt HDSS covers an area of approximately 420km<sup>2</sup> and is located in Bushbuckridge District, Mpumalanga in the rural northeast of South Africa close to the Mozambique border.

DIMAMO is located in the Capricorn district, Limpopo Province approximately 40 km from Polokwane, the capital city of Limpopo Province and 15-50 km from the University of Limpopo (Turfloop Campus). The site covers an area of approximately 200 km<sup>2</sup>.

AHRI is situated in the south-east portion of the Umkhanyakude district of KwaZulu-Natal province near the town of Mtubatuba. It is bounded on the west by the Umfolozi-Hluhluwe nature reserve, on the south by the Umfolozi river, on the east by the N2 highway (except for portions where the Kwamsane township strangles the highway) and in the north by the Inyalazi river for portions of the boundary. The area is 438 km<sup>2</sup>.

## UNIVERSE

Households resident in dwellings within the study area will be eligible for inclusion in the household component of SAPRIN. All individuals identified by the household proxy informant as a member of the household will be enumerated.

A resident household member is an individual that intends to sleep the majority of time at the dwelling occupied by the household over a four-month period. Households will include resident and non-resident members.

An individual is a non-resident member if they have close ties to the household, but do not physically reside with the household most of the time. They can also be called temporary migrants and they are enumerated within the household list. Because household membership is not tied to physical residency, an individual may be a member of more than one household.

## Producers and Sponsors

## PRIMARY INVESTIGATOR(S)

Name	Affiliation
Prof Mark Collinson	SAPRIN

Name	Affiliation
Dr Kobus Herbst	SAPRIN
Prof Steve Tollman	Agincourt
Prof Marianne Alberts	DIMAMO
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## OTHER PRODUCER(S)

Name	Affiliation	Role
Taurayi Mudzana	SAPRIN	Technical Assistance
Tinofa Mutevedzi	SAPRIN	Technical Assistance
Chodziwadziwa Kabudula	Agincourt	Technical Assistance
Joseph Tlouyamma	DIMAMO	Technical Assistance
Dickman Gareta	AHRI	Technical Assistance

## FUNDING

Name	Abbreviation	Role
Department of Science and Innovation	DSI	Current Funder

## OTHER ACKNOWLEDGEMENTS

Name	Affiliation	Role
Agincourt Data Team	Agincourt	Providing Data
DIMAMO Data Team	DIMAMO	Providing Data
AHRI Data Team	AHRI	Providing Data
Steve Tollman	Agincourt	
Marianne Alberts	DIMAMO	
Deenan Pillay	AHRI	

## Metadata Production

## METADATA PRODUCED BY

Name	Abbreviation	Affiliation	Role
Kobus Herbst	KH	SAPRIN	Documentation of Study and Review of the metadata
Taurayi Mudzana	TAU	SAPRIN	Documentation of Study and Review of the metadata
Tinofa Mutevedzi	TM	SAPRIN	Documentation of Study and Review of the metadata
Mark Collinson	MC	SAPRIN	Documentation of Study and Review of the metadata

DATE OF METADATA PRODUCTION  
2019-12-09

DDI DOCUMENT VERSION  
Version 2 (December 2019)

DDI DOCUMENT ID  
DDI.SAPRIN.SIDD2018V2

## Sampling

### **Sampling Procedure**

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This dataset is not based on a sample but contains information from the complete demographic surveillance areas.

# Questionnaires

## Overview

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The data on this Repository is not the result of a single questionnaire but is a result of harmonised data from three different sites longitudinally collected over more than twenty years using different questionnaires that varied over time and site.

## Data Collection

### Data Collection Dates

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Start	End	Cycle
1993-01-01	2017-12-31	Agincourt
1996-01-01	2017-12-31	DIMAMO
2000-01-01	2017-12-31	AHRI

### Time Periods

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Start	End	Cycle
1993-01-01		Agincourt
1996-01-01		DIMAMO
2000-01-01		AHRI

### Data Collection Notes

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In all the HDSS nodes, data are collected from a household proxy respondent, preferably the head of household or any next available senior adult resident household member, after informed consent was obtained by trained fieldworkers. Respondents are informed of the purpose and confidentiality of the interview, their right to refuse participation or withdraw from the study, and that scientists would be given access to anonymised data to analyse and publish information. Informed consent was verbal in all HDSS nodes until 2016. Written informed consent started in 2017 in AHRI, and 2018 in DIMAMO and 2019 in Agincourt. Until 2016 for Agincourt and AHRI, and 2017 for DIMAMO, data collection was field-based paper and pen personal interviews (PAPI), before changing to field-based computer-assisted personal interviews (CAPI). From 2019, all SAPRIN HDSS nodes will collect data in 3 annual rounds over a 45-week data collection schedule; one field-based CAPI round, sandwiched on either side by a Call-Centre-based computer assisted telephonic interview (CATI), to create 3 data points at an interval of approximately 4 months in each calendar year. In the past HDSS nodes had different data collection frequency. AHRI data collection was 2 PAPI rounds per year from inception to 2011, changing to 3 PAPI rounds per year between 2012 and 2016, before becoming 1 PAPI round and 2 CATI rounds from 2017. Agincourt and DIMAMO have been collecting data once annually in a census-type format, over 4-5-month period until 2018.

### Questionnaires

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The data on this Repository is not the result of a single questionnaire but is a result of harmonised data from three different sites longitudinally collected over more than twenty years using different questionnaires that varied over time and site.

## Data Processing

No content available



## Data Appraisal

### **Estimates of Sampling Error**

NA

### **Other forms of Data Appraisal**

NA

## File Description

## Variable List

**SIDD2018V2**

Content	SAPRIN Individual Demographic Dataset 2018
Cases	11881509
Variable(s)	52
Structure	Type: Keys: ()
Version	SIDD2018V2
Producer	South African Population Research Infrastructure Network
Missing Data	

**Variables**

ID	Name	Label	Type	Format	Question
V55	Nodeld	Nodeld	discrete	numeric	
V56	IndividualId	IndividualId	contin	numeric	
V57	Sex	Sex	discrete	numeric	
V58	DoB	DoB	discrete	character	
V59	DoD	DoD	discrete	character	
V60	MotherId	MotherId	contin	numeric	
V61	FatherId	FatherId	contin	numeric	
V62	Age	Age	contin	numeric	
V63	Year	Year	contin	numeric	
V64	Episode	Episode	contin	numeric	
V65	Episodes	Episodes	contin	numeric	
V66	StartDate	StartDate	discrete	character	
V67	EndDate	EndDate	discrete	character	
V68	Days	Days	contin	numeric	
V69	LocationId	LocationId	contin	numeric	
V70	HouseholdId	HouseholdId	contin	numeric	
V71	Resident	Resident	discrete	numeric	
V72	Enumeration	Enumeration	discrete	numeric	
V73	Born	Born	discrete	numeric	
V74	InMigration	InMigration	discrete	numeric	
V75	LocationEntry	LocationEntry	discrete	numeric	
V76	Died	Died	discrete	numeric	
V77	OutMigration	OutMigration	discrete	numeric	
V78	LocationExit	LocationExit	discrete	numeric	
V79	LostToFollowUp	LostToFollowUp	discrete	numeric	
V80	Refusal	Refusal	discrete	numeric	
V81	Current	Current	discrete	numeric	

ID	Name	Label	Type	Format	Question
V82	ResidentStart	ResidentStart	discrete	numeric	
V83	ResidentEnd	ResidentEnd	discrete	numeric	
V84	MembershipStart	MembershipStart	discrete	numeric	
V85	MembershipEnd	MembershipEnd	discrete	numeric	
V86	Memberships	Memberships	discrete	numeric	
V87	HHRelation	HHRelation	discrete	numeric	
V88	MotherDead	MotherDead	discrete	numeric	
V89	MotherCoResident	MotherCoResident	discrete	numeric	
V90	FatherCoResident	FatherCoResident	discrete	numeric	
V91	FatherDead	FatherDead	discrete	numeric	
V92	Education	Education	discrete	numeric	
V93	MaritalStatus	MaritalStatus	discrete	numeric	
V94	SEIdx	SEIdx	contin	numeric	
V95	DwellingIdx	DwellingIdx	contin	numeric	
V96	LifeStockIdx	LifeStockIdx	contin	numeric	
V97	ModerntAssetIdx	ModerntAssetIdx	contin	numeric	
V98	PowerSupplyIdx	PowerSupplyIdx	contin	numeric	
V99	WaterSanitationIdx	WaterSanitationIdx	contin	numeric	
V100	CurrentEmployment	CurrentEmployment	contin	numeric	
V101	EmploymentType	EmploymentType	contin	numeric	
V102	EmploymentSector	EmploymentSector	contin	numeric	
V103	EducationObsDate	EducationObsDate	discrete	character	
V104	MaritalStatusObsDate	MaritalStatusObsDate	discrete	character	
V105	SEObsDate	SEObsDate	discrete	character	
V106	EmploymentObsDate	EmploymentObsDate	discrete	character	



## NodeId (NodeId)

### File: SIDD2018V2

#### Overview

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: 1-3

Valid cases: 11881509  
Invalid: 0

#### Description

SAPRIN Node Identifier  
1 - Agincourt 2. - DIMAMO 3. - AHRI

## IndividualId (IndividualId)

### File: SIDD2018V2

#### Overview

Type: Continuous  
Format: numeric  
Width: 12  
Decimals: 0  
Range: 1000001-3204782

Valid cases: 11881509  
Invalid: 0  
Minimum: 1000001  
Maximum: 3204782  
Mean: 2011346.9  
Standard deviation: 941994.5

#### Description

Unique individual identifier - Only unique within a node

## Sex (Sex)

### File: SIDD2018V2

#### Overview

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: 0-3

Valid cases: 11881509  
Invalid: 0

#### Description

Sex of individual  
1.= Male  
2. = Female  
3 = Unknown

## DoB (DoB)

### File: SIDD2018V2

#### Overview

Type: Discrete  
Format: character  
Width: 23

Valid cases: 11881509  
Minimum: NaN  
Maximum: NaN

#### Description

Date of birth

## DoD (DoD)

### File: SIDD2018V2

#### Overview

Type: Discrete	Valid cases: 854284
Format: character	Minimum: NaN
Width: 23	Maximum: NaN

#### Description

Date of death

## MotherId (MotherId)

### File: SIDD2018V2

#### Overview

Type: Continuous	Valid cases: 7516745
Format: numeric	Invalid: 4364764
Width: 12	Minimum: 1000002
Decimals: 0	Maximum: 3204769
Range: 1000002-3204769	Mean: 2074450.8
	Standard deviation: 946434.2

#### Description

Mother's IndividualId  
0 = Unknown

## FatherId (FatherId)

### File: SIDD2018V2

#### Overview

Type: Continuous	Valid cases: 4039042
Format: numeric	Invalid: 7842467
Width: 12	Minimum: 1000020
Decimals: 0	Maximum: 3204758
Range: 1000020-3204758	Mean: 2056574.6
	Standard deviation: 983514.9

#### Description

Father's IndividualId  
0 = Unknown

## Age (Age)

### File: SIDD2018V2

#### Overview

Type: Continuous	Valid cases: 11881509
Format: numeric	Invalid: 0
Width: 12	Minimum: 0
Decimals: 0	Maximum: 122
Range: 0-122	Mean: 24.8
	Standard deviation: 18.7

#### Description

Age in completed years during episode



## Year (Year)

### File: SIDD2018V2

#### Overview

Type: Continuous	Valid cases: 11881509
Format: numeric	Invalid: 0
Width: 12	Minimum: 1982
Decimals: 0	Maximum: 2017
Range: 1982-2017	Mean: 2007.9
	Standard deviation: 6.5

#### Description

Calendar year during episode

## Episode (Episode)

### File: SIDD2018V2

#### Overview

Type: Continuous	Valid cases: 11881509
Format: numeric	Invalid: 0
Width: 12	Minimum: 1
Decimals: 0	Maximum: 128
Range: 1-1490	Mean: 19.8
	Standard deviation: 15.9

#### Description

This episode number (first=1, last=Episodes)

## Episodes (Episodes)

### File: SIDD2018V2

#### Overview

Type: Continuous	Valid cases: 11881509
Format: numeric	Invalid: 0
Width: 12	Minimum: 1
Decimals: 0	Maximum: 128
Range: 1-1490	Mean: 38.5
	Standard deviation: 19.6

#### Description

Total number of episodes for individual

## StartDate (StartDate)

### File: SIDD2018V2

#### Overview

Type: Discrete	Valid cases: 11881509
Format: character	Minimum: NaN
Width: 23	Maximum: NaN

#### Description

Start date of episode (inclusive)

## EndDate (EndDate)

### File: SIDD2018V2

## EndDate (EndDate)

File: SIDD2018V2

**Overview**

Type: Discrete	Valid cases: 11881509
Format: character	Minimum: NaN
Width: 23	Maximum: NaN

**Description**

End date of episode (inclusive)

## Days (Days)

File: SIDD2018V2

**Overview**

Type: Continuous	Valid cases: 11881509
Format: numeric	Invalid: 0
Width: 12	Minimum: 1
Decimals: 0	Maximum: 1881
Range: 1-1881	Mean: 127
	Standard deviation: 91.2

**Description**

Duration in days of episode

## LocationId (LocationId)

File: SIDD2018V2

**Overview**

Type: Continuous	Valid cases: 11881509
Format: numeric	Invalid: 0
Width: 12	Minimum: 1000001
Decimals: 0	Maximum: 3023926
Range: 1000001-3023926	Mean: 1911566.4
	Standard deviation: 953826.7

**Description**

Where individual was resident, household residence if non-resident

## HouseholdId (HouseholdId)

File: SIDD2018V2

**Overview**

Type: Continuous	Valid cases: 11881509
Format: numeric	Invalid: 0
Width: 12	Minimum: 1000001
Decimals: 0	Maximum: 3032950
Range: 1000001-3032950	Mean: 1914738.6
	Standard deviation: 954767.6

**Description**

Unique household identifier of the household the individual is a member of

## Resident (Resident)

File: SIDD2018V2

## Resident (Resident)

File: SIDD2018V2

**Overview**

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

Valid cases: 11881509  
 Invalid: 0

**Description**

Whether individual is resident for duration of episode

## Enumeration (Enumeration)

File: SIDD2018V2

**Overview**

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

Valid cases: 11881509  
 Invalid: 0

**Description**

Episode starts with an enumeration

## Born (Born)

File: SIDD2018V2

**Overview**

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

Valid cases: 11881509  
 Invalid: 0

**Description**

Episode starts with the birth of the individual

## InMigration (InMigration)

File: SIDD2018V2

**Overview**

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

Valid cases: 11881509  
 Invalid: 0

**Description**

Episode starts with an in-migration

## LocationEntry (LocationEntry)

File: SIDD2018V2

**Overview**

## LocationEntry (LocationEntry)

File: SIDD2018V2

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

Valid cases: 11881509  
 Invalid: 0

**Description**

Episode starts with an internal migration

## Died (Died)

File: SIDD2018V2

**Overview**

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

Valid cases: 11881509  
 Invalid: 0

**Description**

Episode ends with the death of the individual

## OutMigration (OutMigration)

File: SIDD2018V2

**Overview**

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

Valid cases: 11881509  
 Invalid: 0

**Description**

Episode ends with the out-migration

## LocationExit (LocationExit)

File: SIDD2018V2

**Overview**

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

Valid cases: 11881509  
 Invalid: 0

**Description**

Episode ends with an internal migration

## LostToFollowUp (LostToFollowUp)

File: SIDD2018V2

**Overview**

## LostToFollowUp (LostToFollowUp)

File: SIDD2018V2

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

Valid cases: 11881509  
Invalid: 0

### Description

Individual was lost to follow-up at the end of the episode  
Loss to follow-up is assumed if the individual was last seen prior to 1 Jan 2015.

## Refusal (Refusal)

File: SIDD2018V2

### Overview

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

Valid cases: 11881509  
Invalid: 0

### Description

Individual refused follow-up

## Current (Current)

File: SIDD2018V2

### Overview

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

Valid cases: 11881509  
Invalid: 0

### Description

Individual still under surveillance

## ResidentStart (ResidentStart)

File: SIDD2018V2

### Overview

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

Valid cases: 11881509  
Invalid: 0

### Description

Flag to indicate start of residence

## ResidentEnd (ResidentEnd)

File: SIDD2018V2

### Overview

## ResidentEnd (ResidentEnd)

File: SIDD2018V2

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

Valid cases: 11881509  
Invalid: 0

### Description

Flag to indicate end of residence

## MembershipStart (MembershipStart)

File: SIDD2018V2

### Overview

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

Valid cases: 11881509  
Invalid: 0

### Description

Flag to indicate start of household membership

## MembershipEnd (MembershipEnd)

File: SIDD2018V2

### Overview

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

Valid cases: 11881509  
Invalid: 0

### Description

Flag to indicate end of household membership

## Memberships (Memberships)

File: SIDD2018V2

### Overview

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: 1-10

Valid cases: 11881509  
Invalid: 0

### Description

Number of concurrent household memberships

## HHRelation (HHRelation)

File: SIDD2018V2

### Overview

## HHRelation (HHRelation)

File: SIDD2018V2

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

Valid cases: 11881509  
Invalid: 0

### Description

Relationship to the head of the household

1. Head
2. Spouse
3. Child
4. Son/Daughter-in-law
5. Grandchild
6. Parent
7. Parent-in-law
8. Grandparent
9. Sibling
10. Other relative
11. Domestic worker/tenant
12. Unrelated/Other

## MotherDead (MotherDead)

File: SIDD2018V2

### Overview

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

Valid cases: 11881509  
Invalid: 0

### Description

Whether mother is dead for the duration of this episode

## MotherCoResident (MotherCoResident)

File: SIDD2018V2

### Overview

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

Valid cases: 11881509  
Invalid: 0

### Description

Whether mother is co-resident during episode

## FatherCoResident (FatherCoResident)

File: SIDD2018V2

### Overview

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

Valid cases: 11881509  
Invalid: 0

## FatherCoResident (FatherCoResident)

File: SIDD2018V2

### Description

Whether father is co-resident during episode

## FatherDead (FatherDead)

File: SIDD2018V2

### Overview

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

Valid cases: 11881509  
Invalid: 0

### Description

Whether father is dead for the duration of this episode

## Education (Education)

File: SIDD2018V2

### Overview

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: -1-17

Valid cases: 11881509  
Invalid: 0

### Description

EducationLevelId LevelName

-1 Unknown  
0 Grade 0  
1 Grade 1  
2 Grade 2  
3 Grade 3  
4 Grade 4  
5 Grade 5  
6 Grade 6  
7 Grade 7  
8 Grade 8  
9 Grade 9  
10 Grade 10  
11 Grade 11  
12 Grade 12  
21 Higher Certificate  
22 National Diploma  
23 Degree  
24 Honours  
25 Masters  
26 Doctors  
31 ABET 1  
32 ABET 2  
33 ABET 3  
34 ABET 4  
41 FET 1  
42 FET 2  
43 FET 3  
99 Not attending



## MaritalStatus (MaritalStatus)

File: SIDD2018V2

### Overview

Type: Discrete	Valid cases: 11881509
Format: numeric	Invalid: 0
Width: 12	
Decimals: 0	
Range: -1-5	

### Description

Marital status of the individual during this episode

-1 Missing  
 0. Unknown  
 1. Not married  
 2. Married  
 3. Widowed  
 4. Separated/divorced  
 5 Informal union

## SEIdx (SEIdx)

File: SIDD2018V2

### Overview

Type: Continuous	Valid cases: 8954065
Format: numeric	Invalid: 2927444
Width: 10	Minimum: 0
Decimals: 2	Maximum: 4.7
Range: 0-4.688888889	Mean: 1.8
Invalid: 11	Standard deviation: 1.1

### Description

Socio-economic index of the household the individual belongs to  
 Calculated using the approach described in the paper by Kabudula, et al.

## DwellingIdx (DwellingIdx)

File: SIDD2018V2

### Overview

Type: Continuous	Valid cases: 8954065
Format: numeric	Invalid: 2927444
Width: 10	Minimum: 0
Decimals: 2	Maximum: 1
Range: 0-1	Mean: 0.2
Invalid: 11	Standard deviation: 0.2

### Description

The dwelling SE Index  
 Based on the construction material and size of the dwelling

## LifeStockIdx (LifeStockIdx)

File: SIDD2018V2

### Overview

## LifeStockIdx (LifeStockIdx)

File: SIDD2018V2

Type: Continuous	Valid cases: 8954065
Format: numeric	Invalid: 2927444
Width: 10	Minimum: 0
Decimals: 2	Maximum: 1
Range: 0-1	Mean: 0.4
Invalid: 11	Standard deviation: 0.5

### Description

The livestock SE Index  
Based on the number of various types of livestock owned

## ModerntAssetIdx (ModerntAssetIdx)

File: SIDD2018V2

### Overview

Type: Continuous	Valid cases: 8954065
Format: numeric	Invalid: 2927444
Width: 10	Minimum: 0
Decimals: 2	Maximum: 1
Range: 0-1	Mean: 0.2
Invalid: 11	Standard deviation: 0.2

### Description

The Asset SE Index  
Based on the ownership of a list of various assets.

## PowerSupplyIdx (PowerSupplyIdx)

File: SIDD2018V2

### Overview

Type: Continuous	Valid cases: 8954065
Format: numeric	Invalid: 2927444
Width: 10	Minimum: 0
Decimals: 2	Maximum: 1
Range: 0-1	Mean: 0.6
Invalid: 11	Standard deviation: 0.4

### Description

The power supply SE Index  
Based on the energy source used for lighting and cooking.

## WaterSanitationIdx (WaterSanitationIdx)

File: SIDD2018V2

### Overview

Type: Continuous	Valid cases: 8954065
Format: numeric	Invalid: 2927444
Width: 10	Minimum: 0
Decimals: 2	Maximum: 1
Range: 0-1	Mean: 0.3
Invalid: 11	Standard deviation: 0.3

### Description

The water & sanitation SE Index  
Based on the type of water supply and toilet facilities available to the household

## CurrentEmployment (CurrentEmployment)

File: SIDD2018V2

### Overview

Type: Continuous	Valid cases: 11881509
Format: numeric	Invalid: 0
Width: 12	Minimum: -1
Decimals: 0	Maximum: 202
Range: -1-202	Mean: 1.8
	Standard deviation: 4.9

### Description

Employment status of the individual during this episode

## EmploymentType (EmploymentType)

File: SIDD2018V2

### Overview

Type: Continuous	Valid cases: 11881509
Format: numeric	Invalid: 0
Width: 12	Minimum: -1
Decimals: 0	Maximum: 203
Range: -1-203	Mean: 96.6
	Standard deviation: 100.2

### Description

Employment type of the individual during this episode

## EmploymentSector (EmploymentSector)

File: SIDD2018V2

### Overview

Type: Continuous	Valid cases: 11881509
Format: numeric	Invalid: 0
Width: 12	Minimum: -1
Decimals: 0	Maximum: 306
Range: -1-306	Mean: 72.8
	Standard deviation: 55.4

### Description

## EmploymentSector (EmploymentSector)

### File: SIDD2018V2

Employment sector of the individual during this episode

EmploymentCodeId EmploymentCodeName

0 Unknown

1 Employed

2 Part-time employment

10 Household duties/care

11 Household duties/care

12 Job seeking

13 Education

14 Disabled

100 Unknown

101 Agriculture

102 Mining

103 Manufacturing

104 Utilities

105 Construction

106 Wholesale/retail

107 Hospitality/Sport

108 Transport/Communication

109 Finance

110 Education

111 Health

112 Legal

113 Research

114 Domestic

115 Armed forces

116 Informal sector

200 Unknown

201 Employee

202 Self-employed

203 Informally employed

300 Unknown

301 National Government

302 Provincial Government

303 Local Government

304 Public Corporation

305 Private sector employer

306 Non-profit

307 Self-employment

308 Household

## EducationObsDate (EducationObsDate)

### File: SIDD2018V2

#### Overview

Type: Discrete

Format: character

Width: 23

Valid cases: 8629278

Minimum: NaN

Maximum: NaN

#### Description

The date on which the education status was recorded

## MaritalStatusObsDate (MaritalStatusObsDate)

### File: SIDD2018V2

#### Overview

Type: Discrete

Format: character

Width: 23

Valid cases: 9372998

Minimum: NaN

Maximum: NaN

## MaritalStatusObsDate (MaritalStatusObsDate)

File: SIDD2018V2

### Description

The date on which marital status was recorded

## SEObsDate (SEObsDate)

File: SIDD2018V2

### Overview

Type: Discrete	Valid cases: 8954065
Format: character	Minimum: NaN
Width: 23	Maximum: NaN

### Description

The date on which the socio-economic status was recorded

## EmploymentObsDate (EmploymentObsDate)

File: SIDD2018V2

### Overview

Type: Discrete	Valid cases: 9251725
Format: character	Minimum: NaN
Width: 23	Maximum: NaN

### Description

The date on which the Employment status was recorded

