

Agincourt Demographic Surveillance System

Tables Guide
(Data Dictionary)

V1.1 March 2006

Authors

Paul Mee
Niko Mgiba
Mark Collinson

Table of Contents

Table of Contents.....	2
Introduction to the Agincourt DSS Site.....	4
Discrete vs annual data	5
Purpose of this document	6
Brief Introduction to Relational Databases.....	6
Use of this Table Guide	8
Asset Status Table.....	12
Births table.....	17
Census Rounds Table	18
Child Grant Form Table	19
Child Grants Table	21
Cough Status Table	23
Deaths table.....	24
Education Status Table.....	26
Health Care Utilization Table	27
Households Table	29
Individuals Table	30
InMigrations Table	33
Labour Status Table.....	35
Locations Table.....	38
Maternity History Table	39
Memberships Table	41
Observations Table.....	43
OutMigrations Table.....	46
Pregnancies table	48
Residences table	52
Resident Status table.....	54
StrokeStatus table.....	56
TemporaryMigration table	57
TMChildren table.....	64
Villages table.....	66

Introduction to the Agincourt DSS Site

(This section was originally published in Collinson et al 2002 and has been updated for this document)

The Agincourt DSS field-site is situated about 500 kms north-east of Johannesburg in the Agincourt sub-district of Bushbuckridge region, of the **Northern Province**. Until 1994 the site was located within a 'homeland' or bantustan area. The site extends from 24°50' to 24°56' south latitude and 31°08' to 31°25' east longitude. The altitude range is 400 to 600 metres above mean sea level. The field site with its twenty-one village communities covers 390 sq km, measuring 38 km by 16 km at its widest points.

The original objectives of the Agincourt study were (Tollman 1999):

- a. To provide essential information on the demography, health status and fertility status of the Agincourt community as a basis for the improved formulation, implementation and assessment of district-level programmes;
- b. To serve as a sentinel field site providing accurate information on the population dynamics of rural communities in South Africa to inform the evolution of rural health and development policy;
- c. To provide the capacity and a database to support more advanced community based studies and field trials in the future.

The current primary objective relates directly to c. above, namely to provide a research infrastructure and longitudinal database for a range of community-based studies relating to burden of disease, health systems interventions and social/household/community dynamics. This to inform decentralized health and social policy.

The Agincourt baseline census was conducted in 1992. The original population under surveillance was 57,509 persons in 8,896 households. By 1999 this had increased to 66,840 in 10,500 households. Verbal autopsies and maternity histories were introduced in 1993. A partnership between the Agincourt DSS, the study communities and the local health services was established and is carefully nurtured (Tollman 1995).

The Agincourt DSS data is updated every 12 months. Residents are defined as either 'permanent' (resident in the study site for six months or more in the preceding year) or 'migrant' (resident in the study area for less than six months, but nevertheless regarding the Agincourt area as "home"). A verbal autopsy is conducted on all deaths by a trained lay fieldworker in the vernacular, and assessed by medical practitioners (Kahn et al in press). The software system consists of a relational database constructed in Microsoft SQL Server 2000 which is exported into Microsoft Access 2000 format for routine data analysis. The main demographic, health and socio-economic variables measured routinely by the DSS include: births, deaths, migrations in- and out-, household relationships, resident status, refugee status,

education, antenatal and delivery health-seeking practices. In the 1999 DSS update, information on chronic cough was collected for a study on active case-finding for tuberculosis. In 2000, information on labour force participation in both the formal and informal sectors is being collected; during 2001 a module describing the burden of disabilities is planned.

The Agincourt DSS is the foundation for the Agincourt Health and Population Programme (AHPP), a research initiative of the University of the Witwatersrand. It is housed within the Health Systems Development Unit of the Faculty of Health Sciences. The AHPP has strong ties to the Northern Province Department of Health and the Bushbuckridge Regional and District Health Services. The core management team consists of the AHPP leader, senior researcher, field research manager and site manager. The DSS field team consists of four supervisors, twenty fieldworkers, one VA supervisor and four VA fieldworkers, all employed on a contract basis for the duration of data collection. In 2000 a part-time data-form checker has been employed. The data-capture team consists of a supervisor and two data typists.

Work underway within the AHPP addresses a portfolio of clinical, public health, population and social challenges including: (a) changing patterns of mortality, fertility and migration; (b) increasing circulatory disease and interpersonal violence among adults; (c) estimating the burden of respiratory syncytial virus, and investigating persisting kwashiorkor among children under-5; (d) links between the health and population status of former refugees (Mozambicans) and their livelihood strategies; (e) household and community dynamics, in particular resource flows, adaptive strategies, and the consequences of aging and adult death on the household; (f) labour migration and its impact on men's sexual behaviour and use of contraception; and (g) evaluation of public service and adolescent-oriented interventions against HIV/AIDS and TB.

Community feedback and dialogue are integral to the Agincourt research process. Information from the DSS and related research initiatives is communicated to the study communities through printed "village fact sheets" and by ad hoc community meetings. This facilitates community involvement in local health action and related development activities. Information is regularly discussed with district and regional health service managers, as well as senior officials of the Northern Province and National Department of Health.

Discrete vs annual data

As explained above there are two types of data recorded in the database, firstly annual data which will be recorded in each census round and enables analysis of changes and trends in the area over time and secondly, discrete data which has been collected during the course of one or more census rounds. In the database, separate tables are used to differentiate these two data types, this will be indicated in the table descriptions below.

Purpose of this document

This document is designed to provide a detailed overview of the structure of the data stored in the database in order to allow researchers who wish to analyse the data to develop a detailed understanding of the contents. From this it should be possible to develop detailed queries and extract summary data working from a position of having a detailed knowledge. This is not designed to be a detailed technical reference at the level required by a database administrator, this data is available separately if required.

Brief Introduction to Relational Databases

The underlying data is stored in a construct known as a relational database schema, this provides a powerful and efficient means to handle complex and related data sets. To help understand this look at the following data which is loosely based on the type of data stored in the DSS.

Suppose we wish to record the following information about a group of individuals

- Name,
- Sex,
- Date of Birth,
- Village of Residence,
- Province of village
- Name of school
- Village in which the school is located

One way to record this data would be in a large spreadsheet
e.g.

Name	Sex	Date of Birth	Village of Residence	Province of village	Name of school	Village in which the school is located
Fred	Male	27/09/1990	Kildare	Mpumalanga	General High School	Cunningmore
Bill	Male	31/03/1992	Ireagh A	Mpumalanga	General High School	Cunningmore
Joe	Male	23/04/1991	Kildare	Mpumalanga	Technical High School	Agincourt
John	Male	22/05/1989	Ireagh A	Mpumalanga	General High School	Cunningmore
Sally	Female	21/08/1985	Agincourt	Mpumalanga	Technical High School	Agincourt
Jane	Female	17/03/1991	Agincourt	Mpumalanga	General High School	Cunningmore
Sarah	Female	31/01/1972	Agincourt	Mpumalanga	Technical High School	Agincourt

Spreadsheet approach to data storage

As can be seen there is a lot of duplication of information in this table and such an approach would quickly become impossibly complex for a data set such as the DSS.

A much more efficient approach is to divide the data into logically separate categories in which each individual row has a unique ID associated with it and then define the relationships between these tables via these unique IDs.

e.g.

Person ID	Name	Sex	Date of Birth	Resident Village ID	School ID
1	Fred	Male	27/09/1990	1	1
2	Bill	Male	31/03/1992	2	1
3	Joe	Male	23/04/1991	1	2
4	John	Male	22/05/1989	2	1
5	Sally	Female	21/08/1985	3	2
6	Jane	Female	17/03/1991	3	1
7	Sarah	Female	31/01/1972	3	2

Person table

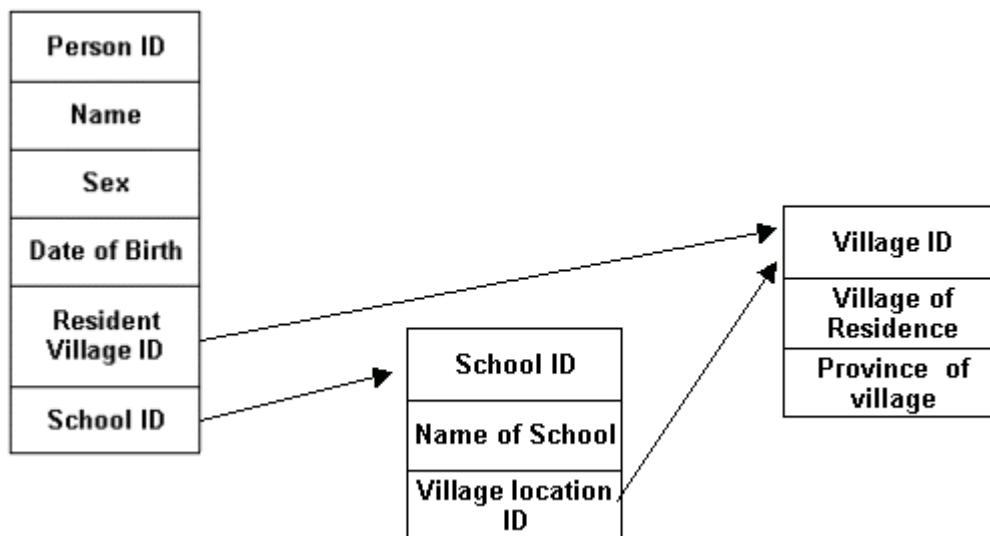
Village ID	Village of Residence	Province of village
1	Kildare	Mpumalanga
2	Ireagh A	Mpumalanga
3	Agincourt	Mpumalanga
4	Cunningmore	Mpumalanga

Village table

School ID	Name of School	Village location ID
1	General High School	4
1	Technical High School	3

School table

The following tables can then be defined to have links (formally referred to as relationships) as shown below



Relationships between the tables

Using these relationships it is then possible to query the database and bring back the information shown in the original spreadsheet for any individual.

Within the ADSS database there are at present 25 tables containing demographic data. By following the links provided by the ID codes as shown in the example above it is possible to link virtually any table with any other table in the database and so run complex queries to pull back relevant information.

Use of this Table Guide

This guide provides a description of each table in the database, at a level which will allow researchers to understand the natures of the data within the tables and the relationships which link those tables with other tables in the database. The section relevant to each table has been broken down into the following sections.

- **Table Description**
An overall description of the type of data contained in each table and also whether that data is collected each year or was only collected in discrete years,
- **Fields in the table**
Each field in the table is listed together the datatype (Number, Text, Date/Time) and a description of the data that is stored. Also included where relevant are the codes that are used to store data in the database, often a short code is used to represent a particular category, this is done mainly to simplify the process of initial data entry
- **Relationships**
The relationships (links) to other tables that have been created in the database are described using the following example.

HouseholdsAssetStatus

- (The name given to the relationship)

Households:Household-AssetStatus:Household

- (the fields that are linked given in the format (table name:fieldname))

RelationshipType: One-To-Many

- (the nature of the relationship this may be one-to-one in which one row on one table maps to one row on the other or, one-to-many in which one row map to many rows)

These relationships are defined for purposes of data integrity e.g. if a piece of information is deleted from or updated in the database that deletion should cascade through all other tables in the database to which that piece of data is linked. In reality it is very rare that any data would be deleted.

A description of the Agincourt database

The Agincourt database is a relational database model that is a longitudinal representation of population data in the sub-district. The data is stored in the computer programme Microsoft SQL¹ Server.

A range of tables store information in the database and are linked together to form a 'relational' structure. The following tables exist:

1. The 'Observations' table records the details of each household interview. Examples of data included are 'date of observation', 'name of fieldworker',
2. The 'Individuals' table records the basic information about each individual in the population. Examples of data fields include, 'name', 'surname', 'date of birth', 'gender', 'nationality', 'motherID', 'MotherStatus', 'HusbandID', 'HusbandStatus'
3. The 'Residences episode' table records the episode of an individual in a location. The key data are the date at which a residence starts or ends, and the events which starts an episode (e.g. birth, in-migration, or present at the start of the DSS), or end the episode (e.g. death, out-migration). If an episode has not ended and is still open, then it is marked as 'current'.
4. The 'Locations' table records the dwelling place at which an individual is located. The residence episode records when a person enters or leaves this place. It is a physical structure which has a longitude and latitude.
5. The 'Memberships episode' table records the episode of an individual joining or leaving a household. The key data are the date at which a membership starts or ends, and the events which starts an episode (e.g. birth, in-migration, or present at the start of the DSS), or ends the episode (e.g. death, out-migration). If an episode has not ended and is still open, then it is marked as 'current'. Included in this table is the relationship to the household head (e.g. wife, son, etc.) If a household head dies or out-migrates then the membership episode is closed and a new membership episode is opened containing the new relationship to household head.
6. The 'Households' table records the social unit of which an individual is a member.
7. In 2005 the DSS started recording 'Unions'. This records the details about marriages and informal unions. It also has a 'UnionEpisode' table linked to the 'unions' table, which records the date when a union starts, and by which event it started (e.g. marriage, re-marriage) and the date when a union ends, and the event that ends it (e.g. divorce, separation or death).

There are several 'Event' tables, which record the details of the demographic events which bring an individual into the database or remove an individual from the database. These include: 'Pregnancies', 'Births', 'Deaths', 'In-migrations', 'out-migrations'. A few key variables are recorded on each event of which a very important one is the date of the event. Other related tables include 'Verbal autopsy'

¹ SQL stands for Structured Query Language, which is a well known standardized database technology.

which gives the information used to determine cause of death; and ‘Maternity history’ which records the details about a woman’s fertility outside the study site and observation period.

8. A number of ‘Status Observation’ tables are contained in the database. These are attributes of either individuals or households which are recorded as cross sectional data at the time of a census. Most status observations are repeated after some interval. Examples are given in the accompanying table.

Residence (updated every round)
Education (updated 1992, 1997, 2002 and new individuals)
Cough (1999 – one screening question)
Labour (2000 and 2004– census module)
Assets (2001, 2003, 2005 – census module)
Stroke (2001 – two screening questions)
Temporary migrations (2002 – census module)
Child Care Grants (2002, 2005- census module)
Health Care Utilisation (2003 – census module)
Food Security (2004- census module)
Vital Documents (2005–one screening question)
Marital status – current and historical (2005 – census module)

9. Migration Reconciliation

Migration reconciliation involves the tracking of internal migrants to link up the places of origin and destination for each move within the field-site. The process involves checking that the person leaving the place of origin and entering the place of destination is the same person. This makes the data cleaner because it avoids the possibility of having the same person registered in two places at the same time and also enables people to keep the same unique identifier when they move. The migration data in the database is then much more accurate and complete because people can be followed when they move, which improves the study of households’ and individual’s migration behaviour. It also facilitates longitudinal studies, like cohort studies or clinical trials, because it enables the follow up of individuals who move within the site, so a person enrolled onto treatment or surveillance can remain a part of the study when they migrate within the study area.

References

Collinson et al 2002

Collinson M., Mokoena O., Kahn K., Tollman S., Garenne M., Herbst K., Malomane E., Shackleton S. Agincourt DSS South Africa Collinson et al Ch 16 in 'Population and Health in Developing Countries Vol 1 Population, Health and Survival at INDEPTH sites' Published by International Development Research Centre (IDRC) ISBN 0-88936-948-8

Tollman et al 1995

Tollman, S.M.; Herbst, K., Garenne, M. 1995. The Agincourt Demographic and Health Study: phase I. Department of Community Health University of Witwatersrand, Johannesburg, South Africa

Tollman 1999

Tollman, S.M. 1999. The Agincourt field site: evolution and current status. South African Medical Journal, 89(8), 855-857

Asset Status Table

Asset Status Table Description

This table is used to record the asset status of all Households existing within the study area at the time of an observation. As a module, it was first done in 2001 and updated in 2003

Asset Status Fields

- **Household(Number)**
Unique household id
- **Observation(Number)**
Observation number of observation at which Household Asset Survey information was collected
- **Construct(Text)**
Indicates whether or not the main dwelling structure is still under construction
- **Extend(Text)**
Indicates whether or not there are plans to extend the main dwelling structure in the near future
- **StartYear(Number)**
If Construct=Y, gives year of start of construction. If Construct =N, field should be given a "-" (This is a numeric field - cannot be "-").
- **FinYear(Number)**
If Construct=N, gives year construction was completed. If Construct =Y, field should be given a "-" (This is a numeric field - cannot be "-").
- **Walls(Text)**
Gives the construction materials of the walls.
AssetStatus : Walls : Codes
Walls 1 Brick
Walls 2 Cement
Walls 3 Other Modern
Walls 4 Stabilized mud
Walls 5 Traditional mud
Walls 6 Wood
Walls 7 Other Informal
Walls Q Query
Walls X Unknown
- **Floor(Text)**
Gives the construction materials of the roof.
AssetStatus : Floor : Codes
Floor 1 Tiles
Floor 2 Cement
Floor 3 Modern carpet
Floor 4 Wood
Floor 5 Other modern
Floor 6 Dirt
Floor 7 Mat
Floor 8 Other Traditional
Floor Q Query
Floor X Unknown
- **Roof(Text)**
Gives the construction materials of the floor.
AssetStatus : Roof : Codes
Roof 1 Tiles
Roof 2 Corrugated iron
Roof 3 Other modern
Roof 4 Thatch
Roof 5 Other informal
Roof Q Query

Roof X Unknown

- **Rooms(Number)**
Gives the total number of rooms.
- **Bedrooms(Number)**
Gives the number of bedrooms.
- **SepKit(Text)**
Indicates whether or not there is a kitchen separate from the sleeping function.
- **SepLiv(Text)**
Indicates whether or not there is a living room separate from the sleeping function.
- **ToiletFac(Text)**
Gives the status of the toilet facility.
AssetStatus : ToiletFac : Codes

ToiletFac	1	In house
ToiletFac	2	In yard
ToiletFac	3	Other house
ToiletFac	4	Bush
ToiletFac	Q	Query
ToiletFac	X	Unknown
- **ToiletType(Text)**
Gives the toilet type.
AssetStatus : Floor : Codes

ToiletType	1	Modern
ToiletType	2	VIP
ToiletType	3	Pit Toilet
ToiletType	4	None
ToiletType	Q	Query
ToiletType	X	Unknown
- **WaterSup(Text)**
Gives the status of the main water supply.
AssetStatus : WaterSup : Codes

WaterSup	01	Tap in house
WaterSup	02	Tap in yard
WaterSup	03	Tap in street
WaterSup	04	Truck
WaterSup	05	Cement well
WaterSup	06	Traditional well
WaterSup	07	Pond
WaterSup	08	River
WaterSup	09	Dam
WaterSup	10	Rainwater tank
WaterSup	11	Other
WaterSup	QQ	Query
WaterSup	XX	Unknown
- **WaterAvail(Text)**
Gives the availability of the water supply.
AssetStatus : WaterAvail : Codes

WaterAvail	1	Always
WaterAvail	2	Most of the time
WaterAvail	3	Few hours a day
WaterAvail	4	Irregular, not every day
WaterAvail	5	Very irregular
WaterAvail	Q	Query
WaterAvail	X	Unknown
- **DistMetre(Number)**
Gives the number of metres to the main water supply. If WaterSup is code 1 or 2, then not applicable.
- **DistMin(Number)**
Gives the number of minutes required to walk to the main water supply. If WaterSup is code 1 or 2, then not applicable.

- **PowerLight(Text)**
Gives the main power supply for lights and appliances.
AssetStatus : PowerLight : Codes

PowerLight	1	Electricity
PowerLight	2	Battery/Generator
PowerLight	3	Solar Power
PowerLight	4	Paraffin
PowerLight	5	Candles
PowerLight	6	Other
PowerLight	Q	Query
PowerLight	X	Unknown
- **PowerCook(Text)**
Gives the main power supply for cooking.
AssetStatus : PowerCook : Codes

PowerCook	1	Electricity
PowerCook	2	Gas Bottle
PowerCook	3	Paraffin
PowerCook	4	Wood
PowerCook	5	Other
PowerCook	Q	Query
PowerCook	X	Unknown
- **Stove(Text)**
Gives stove ownership status.
AssetStatus : Stove : Codes

Stove	1	Yes
Stove	2	No
Stove	3	Broken, to be fixed soon
Stove	4	Broken, no plans to fix
Stove	Q	Query
Stove	X	Unknown
- **Fridge(Text)**
Gives fridge ownership status.
AssetStatus : Fridge : Codes

Fridge	1	Yes
Fridge	2	No
Fridge	3	Broken, to be fixed soon
Fridge	4	Broken, no plans to fix
Fridge	Q	Query
Fridge	X	Unknown
- **TV(Text)**
Gives TV ownership status.
AssetStatus : TV : Codes

TV	1	Yes
TV	2	No
TV	3	Broken, to be fixed soon
TV	4	Broken, no plans to fix
TV	Q	Query
TV	X	Unknown
- **Video(Text)**
Gives video ownership status.
AssetStatus : Video : Codes

Video	1	Yes
Video	2	No
Video	3	Broken, to be fixed soon
Video	4	Broken, no plans to fix
Video	Q	Query
Video	X	Unknown
- **SatDish(Text)**
Gives satellite dish ownership status.

AssetStatus : SatDish : Codes

SatDish 1	Yes
SatDish 2	No
SatDish 3	Broken, to be fixed soon
SatDish 4	Broken, no plans to fix
SatDish Q	Query
SatDish X	Unknown

- **Radio(Text)**

Gives radio/stereo ownership status.

AssetStatus : Radio : Codes

Radio 1	Yes
Radio 2	No
Radio 3	Broken, to be fixed soon
Radio 4	Broken, no plans to fix
Radio Q	Query
Radio X	Unknown

- **FixPhone(Text)**

Gives fixed phone ownership status.

AssetStatus : FixPhone : Codes

FixPhone 1	Yes
FixPhone 2	No
FixPhone 3	Broken, to be fixed soon
FixPhone 4	Broken, no plans to fix
FixPhone Q	Query
FixPhone X	Unknown

- **CellPhone(Text)**

Gives cell phone ownership status.

AssetStatus : CellPhone : Codes

CellPhone 1	Yes
CellPhone 2	No
CellPhone 3	Broken, to be fixed soon
CellPhone 4	Broken, no plans to fix
CellPhone Q	Query
CellPhone X	Unknown

- **Car(Text)**

Gives car/ truck ownership status.

AssetStatus : Car : Codes

Car 1	Yes
Car 2	No
Car 3	Broken, to be fixed soon
Car 4	Broken, no plans to fix
Car Q	Query
Car X	Unknown

- **MBike(Text)**

Gives motor-bike ownership status.

AssetStatus : MotorBike : Codes

Mbike 1	Yes
Mbike 2	No
Mbike 3	Broken, to be fixed soon
Mbike 4	Broken, no plans to fix
Mbike Q	Query
Mbike X	Unknown

- **Bicycle(Text)**

Gives bicycle ownership status.

AssetStatus : Bicycle : Codes

Bicycle 1	Yes
Bicycle 2	No
Bicycle 3	Broken, to be fixed soon
Bicycle 4	Broken, no plans to fix
Bicycle Q	Query

Bicycle X Unknown

- **Cart(Text)**

Gives cart ownership status.

AssetStatus : Cart : Codes

Cart	1	Yes
Cart	2	No
Cart	3	Broken, to be fixed soon
Cart	4	Broken, no plans to fix
Cart	Q	Query
Cart	X	Unknown

- **Cattle(Text)**

Gives cattle ownership status.

AssetStatus : Cattle : Codes

Cattle	1	None
Cattle	2	1-10
Cattle	3	11-40
Cattle	4	more than 40
Cattle	5	Yes, but number unknown
Cattle	Q	Query
Cattle	X	Unknown

- **Goats(Text)**

Gives goat ownership status.

AssetStatus : Goats : Codes

Goats	1	None
Goats	2	1-10
Goats	3	11-40
Goats	4	more than 40
Goats	5	Yes, but number unknown
Goats	Q	Query
Goats	X	Unknown

- **Poultry(Text)**

Gives poultry ownership status.

AssetStatus : Poultry : Codes

Poultry	1	None
Poultry	2	1-10
Poultry	3	11-40
Poultry	4	more than 40
Poultry	5	Yes, but number unknown
Poultry	Q	Query
Poultry	X	Unknown

- **Pigs(Text)**

Gives pig ownership status.

AssetStatus : Pigs : Codes

Pigs	1	None
Pigs	2	1-10
Pigs	3	11-40
Pigs	4	more than 40
Pigs	5	Yes, but number unknown
Pigs	Q	Query
Pigs	X	Unknown

Asset Status Relationships

HouseholdsAssetStatus

Households:Household AssetStatus:Household

RelationshipType: One-To-Many

ObservationsAssetStatus

Observations:Observation AssetStatus: Observation

RelationshipType: One-To-Many

Births table

Births Table Description

This table is used to record information about all live births occurring for women living within the field site. These births are updated in every census round with each round capturing information for the preceding 12 months.

Births Fields

- **Id (Number)**
Id of individual whose birth is documented here
- **Residence (Number)**
Residence episode started by this birth
- **Birthweight (Number)**
Birthweight recorded in kilograms
- **BreastEver (Text)**
Has the child been breast fed
Births : BreastEver : Codes
Y Yes
N No
- **BreastDuration(Number)**
Time that the child has been breast fed (months)
- **BreastDurType (Text)**
Units of time measurement , current status or other information on data
Births : BreastDurType : Codes
- Has never breastfed
B Still breastfeeding
M Months
Q BreastDurType unassigned
W Weeks
X BreastDurType unknown
Y Years
- **RoadtoHealthCard (Text)**
Information about whether child has Road to Health card
Births : RoadToHealthCard : Codes
E The RoadToHealthCard is elsewhere
N Does not have a RoadToHealthCard
Q RoadToHealthCard unassigned
X RoadToHealthCard unknown
Y Road To Health Card is available
- **BirthRegistration (Text)**
Information about the status of the birth registration
Births : BirthRegistration : Codes
N BirthRegistration has not taken place
Q BirthRegistration unassigned
X BirthRegistration unknown
Y BirthRegistration has taken place
- **Pregnancy(Number)**
Number to link to the pregnancy field in the pregnancies table

Births Relationships

IndividualsBirths

Individuals:Id-Births:Id

RelationshipType: One-To-One

PregnanciesBirths

Pregnancies:Pregnancy-Births:Pregnancy

RelationshipType: One-To-Many

Census Rounds Table

Census Rounds Table Description

This table is used to record information about the Census Rounds that have been covered by the study

Census Rounds Fields

- **CensusRound(Number)**
Number of the Census Round for which information is available. Baseline being Census Round 1; and cumulative through subsequent Census Rounds.
- **StartDate(Date/Time)**
Date on which data collection for this round started
- **EndDate(Date/Time)**
Date on which data collection for this round ended
- **StartDataEntry(Date/Time)**
Date on which data entry for this round started
- **EndDataEntry(Date/Time)**
Date on which data entry for this round was completed
- **Current(Yes/No)**
Whether this is the current round

Census Rounds Relationships

CensusRoundsObservations

CensusRounds:CensusRound

Observations:CensusRound

RelationshipType: One-To-Many

Child Grant Form Table

Child Grant Form Table Description

This table is used to record information relating utilisation of the Child Grant that the Department of Welfare Operates. This done to see the extent to which households within the study area access this grant. As a module, it was done in 2002.

Child Grant Forms Fields

- **ChildGrantFormID(Number)**
A Unique Child Grant Form ID
- **Household(Number)**
A Unique Household ID
- **Observation(Number)**
Observation number of observation at which Child Grant information was collected
- **Respondent(Text)**
The relationship of the respondent to the Household Head
- **RespondentId(Number)**
A Unique Respondent ID taken from the Individuals Table
- **ChildGrantFilter(Yes/No)**
This is used to identify those who have never heard about the grant
- **Newspaper(Yes/No)**
- **Radio(Yes/No)**
- **TV(Yes/No)**
- **Welfare(Yes/No)**
- **ClinicsHospital(Yes/No)**
- **FriendsRelative(Yes/No)**
- **PensionQueue(Yes/No)**
- **CRW(Yes/No)**
- **HeardOther(Yes/No)**
- **HeardOtherSpec(Text)**
The preceding options are potential sources of information for the respondent
- **AdultsThisHouseReceived(Yes/No)**
A positive response in this field would mean that there is an adult within the household receiving a grant for a child within the household or without.
- **ChildReceivedAdultOutOfHouse(Yes/No)**
This is used to determine whether there is a child within the household for whom an adult outside the household receives a grant
- **DidNotKnow(Yes/No)**
- **DidNotWant(Yes/No)**
- **NotEligibleIncome(Yes/No)**
- **NoEligibleChild(Yes/No)**
- **CannotAccess(Yes/No)**
- **NoRSAID(Yes/No)**
- **NoRTHCard(Yes/No)**
- **NoBirthCert(Yes/No)**
- **NoDeathCert(Yes/No)**
- **LackOther(Yes/No)**
- **LackOtherSpec(Text)**
These are fields providing options for reasons why this household does not receive any child grant.
- **Comments(Memo)**
These are general comments about any information that needs to be known concerning each household and the Child Grant

Child Grant Form Relationships

ChildGrantFormsChildGrants

ChildGrantForms:ChildGrantFormID ChildGrants:CHildGRantFormID

RelationshipType: One-To-Many

HouseholdsChildGrantForms

Households:Household ChildGrantForms:Household

RelationshipType: One-To-Many

ObservationsChildGrantForms

Observations:Observation ChildGrantForms:Observation

RelationshipType: One-To-Many

Child Grants Table

Child Grants Table Description

This table record information for those households who are either receiving a grant or have applied for one. As a module, it was done in 2002.

Child Grants Fields

- **ChildGrantsID(Number)**
A Unique Child Grants ID
- **ChildGrantFormID(Number)**
A Unique Child Grant Form ID
- **AdultID(Number)**
A unique ID for the Adult receiving the grant.
- **AdultInDSS(Text)**
Whether the Adult lives within the study area
- **ChildID(Number)**
A Unique ID of the child for which a grant is received
- **ChildInDSS(Text)**
Whether the Adult lives within the study area
- **ChildAge(Number)**
The age of the child at the time of observation
- **ChildSex(Text)**
The gender of the child
- **ChildRelToAdult(Text)**
The relationship of the adult receiving the grant to the child
- **GrantType(Text)**
The type of the grant.
- **Disability(Text)**
The type of disability if the grant is on the basis of disability
- **NotProcessed(Text)**
- **NotProcessdSpec(Text)**
- **PaymentStopped(Text)**
- **PaymentStoppedSpec(Text)**
- **FirstVisit(Yes/No)**
- **FirstVisitYear(Number)**
- **FirstVisitMonth(Number)**
- **SubmittedNoSlip(Yes/No)**
- **SubmittedNoSlipYear(Number)**
- **SubmittedNoSlipMonth(Number)**
- **SubmittedSlip(Yes/No)**
- **SubmittedSlipYear(Number)**
- **SubmittedSlipMonth(Number)**
- **AwardedNoPay(Yes/No)**
- **AwardedNoPayYear(Number)**
- **AwardedNoPayMonth(Number)**
- **Received(Yes/No)**
- **ReceivedYear(Number)**
- **ReceivedMonth(Number)**
- **PayStopped(Yes/No)**
- **PayStoppedYear(Number)**
- **PayStoppedMonth(Number)**
- **Refused(Yes/No)**
- **RefusedYear(Number)**
- **RefusedMonth(Number)**
The stage at which the application for a grant is.

- **Comments**

Child Grants Relationships

ChildGrantFormsChildGrants

ChildGrantForms:ChildGrantFormID ChildGrants:ChildGrantFormID

RelationshipType: One-To-Many

Cough Status Table

Cough Status Table Description

This table records the result of a screening question that was asked of all individuals above the age of 5. This was done in 1999.

Cough Status Fields

- **Id(Number)**
A Unique Individual ID
- **Observation(Number)**
A Unique Observation number
- **Cough(Text)**

Cough Status Relationships

IndividualsCoughStatus

Individuals:Id CoughStatus:Id

RelationshipType: One-To-Many

ObservationsCoughStatus

Observations:Observation CoughStatus:Observation

RelationshipType: One-To-Many

Deaths table

Deaths Table Description

This table is used to record information about all deaths occurring for people living within the field site. It is updated in every census round with each round representing information for the twelve months leading to the observation date.

Deaths Fields

- **Id (Number)**
Id of individual whose death is documented here
- **Residence (Number)**
Residence episode ended by this death
- **DeathLocal (Text)**
Did the death take place in the surveillance area?
Deaths : Death Local : Codes

Y	Yes
N	No
- **DiedAt**
Place of Death
Deaths : DiedAt : Codes

+	Hospital
C	Clinic
E	Elsewhere
H	Home
N	Health Centre
O	None of the above Not one of the listed places
Q	Query DiedAt unassigned
V	Vehicle accident site Died at the scene of a transport accident
X	Unknown DiedAt unknown
- **Hospital**
If the death was at a hospital, where?
Deaths : Hospital : Codes

-	Not applicable, because the delivery/death was not in hospital
MP	Mapulaneng
MT	Matikwane
O	Other hospital not listed above
PM	Pietersburg=Mankweng
Q	DeliveryHospital unassigned
RF	Rob Ferreira
T	Tintswalo
X	DeliveryHospital unknown
- **DiedAtPlace**
Placename – see placenames table
- **Province**
- **WomanDeath**
- **DeathRegistration**
- **MainCause**
Field not currently used

- **ImmediateCause**
Field not currently used
- **Contributory1**
Field not currently used
- **Contributory2**
Field not currently used

Deaths Relationships

IndividualsDeaths

Individuals:Id – Deaths:Id

RelationshipType: One-To-One

ResidencesDeaths

Residences:Residence - Deaths:Residence

RelationshipType: One-To-One

Education Status Table

Education Status Table Description

The highest level an individual has attained at the time of the observation. This was captured in the baseline study(1992), updated in 1997 and 2002. It is also captured for all new members entering the study area for the first time.

Education Status Fields

- **Id(Number)**
A Unique Individual ID
- **Observation(Number)**
A Unique Observation number
- **Education(Text)**

EducationStatus : Education : Codes

Education	0	Std 10/Matric
Education	1	Std 1/Grade 3
Education	2	Std 2/Grade 4
Education	3	Std 3/Grade 5
Education	4	Std 4/Grade 6
Education	5	Std 5/Grade 7
Education	6	Std 6/Grade 8
Education	7	Std 7/Grade 9
Education	8	Std 8/Grade 10
Education	9	Std 9/Grade 11
Education	A	Sub-A/Grade 1
Education	B	Sub-B/Grade 2
Education	H	Higher
Education	N	None
Education	Q	Query
Education	X	Unknown

Education Status Relationships

IndividualsEducationStatus

Individuals:Id EducationStatus:Id

RelationshipType: One-To-Many

ObservationsEducationStatus

Observations:Observation EducationStatus:Observation

RelationshipType: One-To-Many

Health Care Utilization Table

Health Care Utilization Table Description

The highest level an individual has attained at the time of the observation. This was captured in the baseline study(1992), updated in 1997 and 2002. It is also captured for all new members entering the study area for the first time.

Health Care Utilization Fields

- **ID(Number)**
A Unique ID number
- **Observation(Number)**
A Unique Observation number
- **Migrant(Text)**
Indicates whether the individual is a migrant or permanent resident of the household
- **CardColour(Text)**
For all children under five years of age, the colour of the Road To Health Card is recorded
- **BCG(Number)**
- **Polio(Number)**
- **DTP(Number)**
- **Hib(Number)**
- **HepB(Number)**
- **Measles(Number)**
Vaccines and doses as indicated in the RTHC for under-fives
- **Immunized(Text)**
If there is no card, this field indicates whether the child has been immunized or not.
- **MedicalAid(Number)**
Coverage by medical aid for all members
- **MedicalAidOther(Text)**
Any other form of medical aid coverage beyond the ordinary
- **SickInPast21Days(Text)**
Any form of sickness in the past three weeks
- **SickStartDate1(Date/Time)**
Date of the start of this sickness, which may be a long time before the past three weeks
- **FirstAction1(Number)**
- **FirstActionSpec1(Text)**
- **SecondAction1(Number)**
- **SecondActionSpec1(Text)**
- **ThirdAction1(Number)**
- **ThirdActionSpec1(Text)**
- **FourthAction1(Number)**
- **FourthActionSpec1(Text)**
Actions taken to take care of the sickness
- **GT4Actions1(Number)**
Recorded if the actions taken were greater than four
- **WhyNotCare1(Text)**
- **WhyNotCareSpec1(Text)**
Reasons why no action was taken
- **SickStartDate2(Date/Time)**
The next section is meant cases of more than one sickness episodes
- **FirstAction2(Number)**
- **FirstActionSpec2(Text)**

- **SecondAction2(Number)**
- **SecondActionSpec2(Text)**
- **ThirdAction2(Number)**
- **ThirdActionSpec2(Text)**
- **FourthAction2(Number)**
- **FourthActionSpec2(Text)**
- **GT4Actions2(Yes/No)**
- **WhyNotCare2(Text)**
- **WhyNotCareSpec2(Text)**
- **AdmittedLast12Months(Text)**
Ever been admitted to hospital in the past year.
- **Admissions(Number)**
Number of such admissions
- **Hospitals(Text)**
Names of hospital in order of admissions or referrals if more than once or one hospital

Health Care Utilization Relationships

IndividualsHealthCareUtilization

Individuals:Id HealthCareUtilization:ID

RelationshipType: One-To-Many

ObservationsHealthCareUtilization

Observations:Observation HealthCareUtilization:Observation

RelationshipType: One-To-Many

Households Table

Households Table Description

This table is used to record information about all Households within the study area. This information is automatically updated with every observation made on the household.

Households Fields

- **Household (Number)**
Unique household Id
- **Location (Number)**
Current household location
- **HouseholdHead (Number)**
Id of current household head
- **HHEstablished (Date/Time)**
Date on which this household was established = earliest date on which a member has residency
- **StartObservation (Number)**
Observation at which this household was established
- **HHDisolved (Date/Time)**
Date on which this household ceased to exist = Date on which the last member's residency was concluded
- **LastObservation (Number)**
Observation when the dissolution of this household has been recorded. Will happen if all members migrate out

Households Relationships

HouseholdsAssetStatus

Households:Household-AssetStatus:Household
RelationshipType: One-To-Many

HouseholdsChildGrantForms

Households:Household-ChildGrantForms:Household
RelationshipType: One-To-Many

HouseholdsMemberships

Households:Household-Memberships:Household
RelationshipType: One-To-Many

IndividualsHouseholds

Individuals:ID-Households:HouseholdHead
RelationshipType: One-To-Many

LocationsHouseholds

Locations:Location-Households:Location
RelationshipType: One-To-Many

ObservationsHouseholds

Observations:Observation-Households:StartObsrvation
RelationshipType: One-To-Many

ObservationsHouseholds

Observations:Observation-Households>LastObservation
RelationshipType: One-To-Many

Individuals Table

Individuals Table Description

The table has all the information about all individuals, past and present, within the study area.

Individuals Fields

- **Id(Number)**
Unique id, format 999999
- **Surname(Text)**
- **Name(Text)**
- **Gender(Text)**
Individuals : Gender : Codes

Gender F	Female
Gender M	Male
Gender Q	Gender unassigned
Gender X	Gender unknown
- **DoB(Date/Time)**
Date of Birth
- **DoBEstimated(Text)**
Y=Yes;N=No
- **MotherId(Number)**
Id of the mother
- **MotherStatus(Text)**
Individuals : MotherStatus : Codes

MotherStatus A	Mother in another household in the Agincourt area, but not in the same village
MotherStatus B	Mother in another household in the Bushbuckridge area, but not in the Agincourt area
MotherStatus D	Mother has died and is not registered as an individual belonging to the same household
MotherStatus E	Mother in another household not in the Bushbuckridge area
MotherStatus H	Mother in the same household, MotherId must be provided
MotherStatus Q	MotherStatus not entered yet
MotherStatus V	Mother in another household in the same village
MotherStatus X	MotherStatus is unknown
- **Refugee(Text)**
Individuals : Refugee : Codes

Refugee M	A person who arrived after the end of 1992 from Mozambique
Refugee N	South African citizen
Refugee O	Citizen of a country other than South Africa or Mozambique
Refugee Q	Refugee status to be assigned
Refugee X	Refugee status unknown
Refugee Y	A refugee who arrived prior to start of 1993 from Mozambique
- **HusbandId(Number)**
Id of husband, if husband is in the same household
- **HusbandStatus(Text)**
Individuals : HusbandStatus : Codes

HusbandStatus -	Not applicable, person is a male
HusbandStatus D	Currently not married, has divorced previous husband (Id may be in HusbandId field)

HusbandStatus M	Married, if the husband is in the household his Id will be in HusbandId
HusbandStatus N	Woman older than 15 who has never married
HusbandStatus Q	Husband status to be assigned
HusbandStatus S	Currently not living with husband, (Id may be in HusbandId field)
HusbandStatus W	Currently not married, previous husband has died (Id may be in HusbandId field)
HusbandStatus X	Husband status unknown

- **DoD(Date/Time)**
Date of Death
- **DoDEstimated(Text)**
Y=Yes;N=No

Individuals Relationships

IndividualsBirths

Individuals:Id Births:Id
RelationshipType: One-To-One

IndividualsCoughStatus

Individuals:Id CoughStatus:Id
RelationshipType: One-To-Many

IndividualsDeaths

Individuals:Id Deaths:Id
RelationshipType: One-To-One

IndividualsEducationStatus

Individuals:Id EducationStatus:Id
RelationshipType: One-To-Many

IndividualsHealthCareUtilization

Individuals:Id HealthCareUtilization:ID
RelationshipType: One-To-Many

IndividualsHouseholds

Individuals:Id Households:HouseholdHead
RelationshipType: One-To-Many

IndividualsIndividuals

Individuals:Id Individuals:MotherId
RelationshipType: One-To-Many

IndividualsIndividuals

Individuals:Id Individuals:HusbandId
RelationshipType: One-To-Many

IndividualsLabourStatus

Individuals:Id LabourStatus:Id
RelationshipType: One-To-Many

IndividualsMaternityHistory

Individuals:Id MaternityHistory:Id
RelationshipType: One-To-Many

IndividualsMemberships

Individuals:Id Memberships:Id
RelationshipType: One-To-Many

IndividualsObservations

Individuals:Id Observations:Informant
RelationshipType: One-To-Many

IndividualsPregnancies

Individuals:Id Pregnancies:Id
RelationshipType: One-To-Many

IndividualsResidences

Individuals:Id Residences:Id
RelationshipType: One-To-Many

IndividualsResidentStatus

Individuals:Id ResidentStatus:Id
RelationshipType: One-To-Many

IndividualsStrokeStatus

Individuals:Id StrokeStatus:ID
RelationshipType: One-To-Many

IndividualsTemporaryMigrations

Individuals:Id TemporaryMigrations:ID
RelationshipType: One-To-Many

IndividualsTMChildren

Individuals:Id TMChildren:ID
RelationshipType: One-To-Many

InMigrations Table

InMigrations Table Description

The table records all migration details into all households within the study area.

InMigration Fields

- **Residence(Number)**
Unique id of residence episode initiated by this in-migration
- **InternalMigration(Yes/No)**
True if the person moved from a location within the study area
- **MoveType(Text)**
InMigrations : MoveType : Codes; only applicable to external migrations

MoveType	-	Internal migration
MoveType	B	From within the Bushbuckridge area, excluding the Agincourt area
MoveType	M	Mozambique
MoveType	O	Other area not listed
MoveType	P	Pretoria-Witwatersrand-Vereeniging area (Gauteng)
MoveType	Q	MoveType unassigned
MoveType	U	Other urban or industrial area
MoveType	X	MoveType unknown
- **DateEstimated(Text)**
Has the move date been estimated? Y=Yes;N=No
- **MovePlace(Text)**
Look up correct spelling from place names
- **Province(Text)**
InMigrations : Province : Codes

Province	-	Not a province
Province	EC	Eastern Cape
Province	FS	Free State
Province	GT	Gauteng
Province	KN	KwaZulu-Natal
Province	MP	Mpumalanga
Province	NC	Northern Cape
Province	NP	Limpopo (Northern Province)
Province	NW	North-West
Province	QQ	Province unassigned
Province	WC	Western Cape
Province	XX	Province not known
- **Village(Text)**
Village, if moved from within area (see MoveType)
- **Location(Number)**
Location key if known
- **HHeadSurname(Text)**
Surname of household head
- **HHeadName(Text)**
Name of household head
- **Reason(Text)**
InMigrations : Reason : Codes

Reason AF	Accompanying family member
Reason CF	Child joined either mother or father
Reason DI	Divorce
Reason DR	Individual duplicated - to be merged by program
Reason FR	Undocumented former reason for migration
Reason HH	Migration of a complete household (actual reason recorded with index individual)

Reason JF	Job found
Reason JL	Job lost
Reason LW	Looking for work
Reason MS	Individual missed during DSS start
Reason ND	Individual was never resident in the study area
Reason NF	No household census form for this household
Reason NH	New house
Reason NM	New marriage
Reason NR	New Mozambican/refugee
Reason OM	Other marriage related
Reason OT	Other reason
Reason OW	Other work related reason
Reason PD	Pregnancy/delivery
Reason PM	Migration presumed in data clean-up
Reason Q	Reason unassigned
Reason RR	Returning Mozambican/refugee
Reason SE	Separated
Reason SS	School/study
Reason WI	Widowed
Reason X	Reason unknown

- **JobFound(Text)**

- InMigrations : JobFound : Codes. In the case of 'JF' above**

JobFound	-	Migration reason not equal to "JF" or "JL"
JobFound	A	Agriculture
JobFound	B	Business person
JobFound	E	Self employed
JobFound	G	Game reserve
JobFound	I	Industry
JobFound	M	Mining
JobFound	O	Other
JobFound	P	Public service (specify)
JobFound	Q	JobFound unassigned
JobFound	S	Shop/store personnel
JobFound	X	JobFound unknown

- **JobSpecified(Text)**
In the case of 'T' and 'P' above
- **PlaceCode(Number)**
Coded inmigration origin
- **Comments(Text)**

InMigrations relationships

LocationsInMigrations

Locations:Location InMigrations:Location
RelationshipType: One-To-Many

ResidencesInMigrations

Residences:Residence InMigrations:Residence
RelationshipType: One-To-One

VillagesInMigrations

Villages:Village InMigrations:Village
RelationshipType: One-To-Many

Labour Status Table

Labour Status Table Description

This table records labour status details of all individuals who are resident in all households within the study area. As a module it was done in 2000.

Labour Status Fields

- **Id(Number)**
A Unique ID number
- **Observation(Number)**
A Unique Observation number
- **EverWorked(Text)**
- **CurrentlyWorking(Text)**
- **Unemployment(Text)**
LabourStatus : Unemployment : Codes

Unemployment -	Not currently unemployed
Unemployment B	Between occasional work
Unemployment C	Between fixed period contract
Unemployment D	Disabled
Unemployment F	Subsistence farmer
Unemployment H	Home domestic work
Unemployment L	Looking for a job
Unemployment N	Not looking for work
Unemployment O	Other (specify)
Unemployment Q	Employment status unassigned
Unemployment S	Student
Unemployment V	Volunteer
Unemployment X	Employment status unknown
- **UnemploymentSpec(Text)**
- **Unemwf(Yes/No)**
- **PensionStudent(Text)**
LabourStaus : PensionStudent : Codes

PensionStudent B	Student and pensioner
PensionStudent N	Neither student nor pensioner
PensionStudent P	Pension
PensionStudent Q	Pension/Student unassigned
PensionStudent S	Student
PensionStudent X	Pension/Student unknown
- **PWorkType(Text)**
- **PWorkCat(Number)**
- **PSector(Text)**
LabourStatus : Sector : Codes

Sector A	Agriculture
Sector C	CBO
Sector F	Manufacturing industry
Sector G	Game reserve
Sector M	Mining
Sector N	NGO/University
Sector O	Other (specify)
Sector P	Private service industry
Sector Q	Sector unassigned
Sector R	Retail involves buying and selling
Sector S	Government service
Sector U	Construction
Sector X	Sector unknown

- **PEmployer(Text)**
 - LabourStatus : Employer : Codes**
 - Employer A Self employed
 - Employer B Employer
 - Employer C Employee
 - Employer CD Employee in family business
 - Employer D Family business
 - Employer E Cooperative
 - Employer Q Employer unassigned
 - Employer X Employer unknown
- **PPeriod(Text)**
 - LabourStatus : Period : Codes**
 - Period F Fixed period job
 - Period O Occasional work
 - Period P Permanent job
 - Period Q Period unassigned
 - Period X Period unknown
- **PPlaceName(Text)**
- **PPlaceCode(Text)**
 - LabourStatus : PlaceCode : Codes**
 - PlaceCode 0 Field site village
 - PlaceCode 1 Bushbuck Ridge village
 - PlaceCode 2 Bushbuck Ridge town
 - PlaceCode 3 Other Northern Province place
 - PlaceCode 4 Other Mpumalanga place
 - PlaceCode 5 Towns along N4
 - PlaceCode 6 Gauteng
 - PlaceCode 7 Mozambique
 - PlaceCode 8 Other SA province
 - PlaceCode 9 Other country
 - PlaceCode Q Place code unassigned
 - PlaceCode X Place code unknown
- **PTax(Text)**

The following section records any information about a secondary form of employment

- **SWorkType(Text)**
- **SWorkCat(Number)**
- **SSector(Text)**
- **SEmployer(Text)**
- **SPeriod(Text)**
- **SPlaceName(Text)**
- **SPlaceCode(Text)**
- **STax(Text)**

Labour Status Relationships

IndividualsLabourStatus

Individuals:Id LabourStatus:Id
RelationshipType: One-To-Many

LabourCodesLabourStatus

LabourCodes:Code LabourStatus:PWorkCat
RelationshipType: One-To-Many

LabourCodesLabourStatus

LabourCodes:Code LabourStatus:SWorkCat
RelationshipType: One-To-Many

ObservationsLabourStatus

Observations:Observation LabourStatus:Observation
RelationshipType: One-To-Many

Locations Table

Locations Table Description

The table records all information regarding the physical location of households within the study area.

Locations Fields

- **Location(Number)**
A sequential number
- **Village(Text)**
A sequential zero-filled number, stored as a text string. Equivalent to original village codes.
- **ExternalID(Text)**
Original household number, used to identify locations in the field
- **CoordLongX(Number)**
Longitude or x-coordinate
- **CoordLatY(Number)**
Latitude or y-coordinate
- **DayBlock(Number)**
Day block to which this location has been assigned
- **DataTypist(Text)**
Who captured this location
- **DateCreated(Date/Time)**
Date and time on which this location was created. See date of first observation, to see when the location was first observed
- **Residents(Yes/No)**
Are there currently people living at this location - not updated automatically
- **Sequence_old1**
Visit sequence order within the village
- **Sequence(Number)**
Visit sequence order within the village

Locations Relationships

LocationsHouseholds

Locations: Location Households:Location
RelationshipType: One-To-Many

LocationsInMigrations

Locations:Location InMigrations:Location
RelationshipType: One-To-Many

LocationsObservations

Locations:Location Observations: location
RelationshipType: One-To-Many

LocationsOutMigrations

Locations:Location OutMigrations:Location
RelationshipType: One-To-Many

LocationsResidences

Locations:Location Residences:Location
RelationshipType: One-To-Many

UsersLocations

Users:UserCode Locations:DataTypist
RelationshipType: One-To-Many

VillagesLocations

Villages:Village Locations:Village
RelationshipType: One-To-Many

Maternity History Table

Maternity History Table Description

The table records all information concerning the pregnancy outcomes that have occurred outside the study area for all women of child-bearing age who move into the study area.

Maternity History Fields

- **MaternityID(Number)**
Unique sequential ID
- **Observation(Number)**
Observation at which maternity history was recorded
- **Id(Number)**
Id of mother
- **Name(Text)**
Child name
- **DoB(Date/Time)**
- **Gender(Text)**
 - Maternity History : Gender : Codes**
 - Gender F Female
 - Gender M Male
 - Gender Q Gender unassigned
 - Gender X Gender unknown
- **Outcome(Text)**
 - Maternity History : Outcome : Codes**
 - Outcome A Abortion or termination of pregnancy
 - Outcome L Single live born
 - Outcome ML Multiple pregnancy, all babies live born
 - Outcome MM Multiple pregnancy, some but not all babies still born
 - Outcome MS Multiple pregnancy, all babies still born
 - Outcome Q Outcome unassigned
 - Outcome S Single still born
 - Outcome X Outcome unknown
- **Multiple(Number)**
- **Living(Text)**
 - Maternity History : Living : Codes**
 - Living D Child is dead
 - Living L Child is alive
 - Living Q Query
 - Living X Unknwon
- **ChildStatus(Text)**
 - Maternity History : Child Status : Codes. If child is alive**
 - ChildStatus - ChildStatus not applicable, because not currently alive
 - ChildStatus A Child in Agincourt area, but not same village
 - ChildStatus B Child in Bushbuckridge area, but not in Agincourt area
 - ChildStatus E
 - ChildStatus H Child currently in same household with mother
 - ChildStatus Q ChildStatus unassigned
 - ChildStatus V Child currently in same village but not same household as mother
 - ChildStatus X ChildStatus unknown
- **DeathAge(Number)**
Age at death in periods listed below

- **DeathAgeType(Text)**
 - Maternity History : DeathAgeType : Codes. If child is dead**
 - DeathAgeType - Child is still alive
 - DeathAgeType M Months
 - DeathAgeType Q DeathAgeType unassigned
 - DeathAgeType W Weeks
 - DeathAgeType X DeathAgeType is unknown
 - DeathAgeType Y Years
- **DeathDate(Date/Time)**
- **Comment(Text)**

Maternity History Relationships

IndividualsMaternityHistory

Individuals:Id MaternityHistory:Id

RelationshipType: One-To-Many

ObservationsMaternityHistory

Observations:Observation MaternityHistory:Observation

RelationshipType: One-To-Many

Memberships Table

Memberships Table Description

The table records information regarding memberships of individuals in households within the study area.

Memberships Fields

- **Membership(Number)**
Unique id for each membership episode
- **Id(Number)**
Id of individual to which this membership episode belongs
- **Household(Number)**
Household to which the individual belongs
- **StartDate(Date/Time)**
Date at which this episode started
- **InitiatingMEventType(Text)**
See InitiatingMEventType domain
- **StartObservation(Number)**
Observation id of the observation at which this episode was initiated
- **EndDate(Date/Time)**
Date at which this episode ended, default remote future date
- **TerminatingMEventType(Text)**
Memberships : TerminatingMEventType : Codes

TerminatingEventType	C	Not terminated
TerminatingEventType	D	Death
TerminatingEventType	M	Migration
TerminatingEventType	Q	TerminatingEventType not assigned
TerminatingEventType	X	TerminatingEventType unknown
TerminatingEventType	Z	End of demographic surveillance
TerminatingMEventType	C	Not terminated
TerminatingMEventType	E	Termination of membership to household
TerminatingMEventType	H	Change in household head
TerminatingMEventType	Q	TerminatingMEventType not assigned
TerminatingMEventType	X	TerminatingMEventType unknown
- **LastObservation(Number)**
Observation id of the observation at which this episode was ended, or where the continuation of this episode was last verified
- **HHRelation(Text)**
Relationship string to current household head (must be updated if household head changes)

Memberships Relationships

HouseholdsMemberships

Households:Household Memberships:Household
RelationshipType: One-To-Many

IndividualsMemberships

Individuals:Id Memberships:Id
RelationshipType: One-To-Many

ObservationsMemberships

Observations:Observation Memberships:StartObservation
RelationshipType: One-To-Many

ObservationsMemberships

Observations:Observation Memberships>LastObservation

RelationshipType: One-To-Many

Observations Table

Observations Table Description

The table records all information about observations on households and individuals made during a census round.

Observations Fields

- **Observation(Number)**
Unique observation key
- **Location(Number)**
Location at which observation was made
- **ObservationDate(Date/Time)**
Date at which observation took place
- **Fieldworker(Text)**
Fieldworker responsible for this observation
- **CensusRound(Number)**
Round during which this observation took place
- **ObservationType(Text)**
3-letter code. Type of observation
- **DataTypist(Text)**
Datatypist who entered the data associated with this observation
- **DateEntered(Date/Time)**
Date at which this observation was initially captured
- **ModifiedBy(Text)**
Datatypist who modified the data last
- **ModifiedDate(Date/Time)**
Date at which any data associated with this observation was modified
- **Informant(Number)**
ID of person interviewed
- **Suspect(Yes/No)**
Involved in Round 7 data loss
- **HHold(Number)**
- **HHMembership(Number)**
- **Residence(Number)**
- **ResStatus(Number)**
- **Stroke(Number)**
- **Asset(Number)**

Observations Relationships

CensusRoundsObservations

CensusRounds:CensusRound Observations:CensusRound
RelationshipType: One-To-Many

FieldworkersObservations

Fieldworkers:Fieldworker Observations:Fieldworker
RelationshipType: One-To-Many

IndividualsObservations

Individuals:Id Observations:Informant
RelationshipType: One-To-Many

LocationsObservations

Locations:Location Observations:Location
RelationshipType: One-To-Many

ObservationsAssetStatus

Observations:Observation AssetStatus:Observation
RelationshipType: One-To-Many

ObservationsChildGrantForms

Observations:Observation ChildGrantForms:Observation
RelationshipType: One-To-Many

ObservationsCoughStatus

Observations:Observation CoughStatus:Observation
RelationshipType: One-To-Many

ObservationsEducationStatus

Observations:Observation EducationStatus:Observation
RelationshipType: One-To-Many

ObservationsErrors

Observations:Observation Errors:Observation
RelationshipType: One-To-Many

ObservationsHealthCareUtilization

Observations:Observation HealthCareUtilization:Observation
RelationshipType: One-To-Many

ObservationsHouseholds

Observations:Observation Households:StartObservation
RelationshipType: One-To-Many

ObservationsHouseholds

Observations:Observation Households:LastObservation
RelationshipType: One-To-Many

ObservationsLabourStatus

Observations:Observation LabourStatus:Observation
RelationshipType: One-To-Many

ObservationsMaternityHistory

Observations:Observation MaternityHistory:Observation
RelationshipType: One-To-Many

ObservationsMemberships

Observations:Observation Memberships:StartObservation
RelationshipType: One-To-Many

ObservationsMemberships

Observations:Observation Memberships:LastObservation
RelationshipType: One-To-Many

ObservationsPregnancies

Observations:Observation Pregnancies:Observation
RelationshipType: One-To-Many

ObservationsResidences

Observations:Observation Residences:StartObservation
RelationshipType: One-To-Many

ObservationsResidences

Observations:Observation Residences:LastObservation
RelationshipType: One-To-Many

ObservationsResidentStatus

Observations:Observation ResidentStatus:Observation
RelationshipType: One-To-Many

ObservationsStrokeStatus

Observations:Observation StrokeStatus:Observation
RelationshipType: One-To-Many

ObservationsTemporaryMigrations

Observations:Observation TemporaryMigrations:Observation
RelationshipType: One-To-Many

UsersObservations

Users:UserCode Observations:DataTypist
RelationshipType: One-To-Many

UsersObservations

Users:UserCode Observations:ModifiedBy
RelationshipType: One-To-Many

OutMigrations Table

OutMigrations Table Description

The table records all migration details out of all households within the study area.

OutMigrations Fields

- **Residence(Number)**
Unique id of residence episode initiated by this in-migration
- **InternalMigration(Yes/No)**
True if the person moved to a location within the study area
- **MoveType(Text)**
Outmigrations : MoveType : Codes; only applicable to external migrations

MoveType	-	Internal migration
MoveType	B	From within the Bushbuckridge area, excluding the Agincourt area
MoveType	M	Mozambique
MoveType	O	Other area not listed
MoveType	P	Pretoria-Witwatersrand-Vereeniging area (Gauteng)
MoveType	Q	MoveType unassigned
MoveType	U	Other urban or industrial area
MoveType	X	MoveType unknown
- **DateEstimated(Text)**
Has the move date been estimated? Y=Yes;N=No
- **MovePlace(Text)**
Look up correct spelling from place names
- **Province(Text)**
OutMigrations : Province : Codes

Province	-	Not a province
Province	EC	Eastern Cape
Province	FS	Free State
Province	GT	Gauteng
Province	KN	KwaZulu-Natal
Province	MP	Mpumalanga
Province	NC	Northern Cape
Province	NP	Limpopo (Northern Province)
Province	NW	North-West
Province	QQ	Province unassigned
Province	WC	Western Cape
Province	XX	Province not known
- **Village(Text)**
Village, if moved to within area (see MoveType)
- **Location(Number)**
Location key if known
- **HHeadSurname(Text)**
Surname of household head
- **HHeadName(Text)**
Name of household head
- **Reason(Text)**
OutMigrations : Reason : Codes

Reason AF	Accompanying family member
Reason CF	Child joined either mother or father
Reason DI	Divorce
Reason DR	Individual duplicated - to be merged by program
Reason FR	Undocumented former reason for migration

Reason HH	Migration of a complete household (actual reason recorded with index individual)
Reason JF	Job found
Reason JL	Job lost
Reason LW	Looking for work
Reason MS	Individual missed during DSS start
Reason ND	Individual was never resident in the study area
Reason NF	No household census form for this household
Reason NH	New house
Reason NM	New marriage
Reason NR	New Mozambican/refugee
Reason OM	Other marriage related
Reason OT	Other reason
Reason OW	Other work related reason
Reason PD	Pregnancy/delivery
Reason PM	Migration presumed in data clean-up
Reason Q	Reason unassigned
Reason RR	Returning Mozambican/refugee
Reason SE	Separated
Reason SS	School/study
Reason WI	Widowed
Reason X	Reason unknown

- **JobFound(Text)**

- **OutMigrations : JobFound : Codes. In the case of 'JF' above**

JobFound	-	Migration reason not equal to "JF" or "JL"
JobFound	A	Agriculture
JobFound	B	Business person
JobFound	E	Self employed
JobFound	G	Game reserve
JobFound	I	Industry
JobFound	M	Mining
JobFound	O	Other
JobFound	P	Public service (specify)
JobFound	Q	JobFound unassigned
JobFound	S	Shop/store personnel
JobFound	X	JobFound unknown

- **JobSpecified(Text)**

In the case of 'T' and 'P' above

- **PlaceCode(Number)**

Coded Outmigration destination

- **Comments(Text)**

Outmigrations Relationships

LocationsOutMigrations

Locations:Location OutMigrations:Location
RelationshipType: One-To-Many

ResidencesOutMigrations

Residences:Residence OutMigrations:Residence
RelationshipType: One-To-One

VillagesOutMigrations

Villages:Village OutMigrations:Village
RelationshipType: One-To-Many

Pregnancies table

Pregnancies Table Description

This table has cumulative record information about all pregnancies that have occurred in the field site during the period that the census has been carried out. Normally we record new pregnancies occurring in the previous 12 months however if a child is identified whose birth has not previously been recorded, the pregnancy episode will also be included in that years census.

Pregnancies Fields

- **Pregnancy (Number)**
Unique ID of this pregnancy
- **Id (Number)**
ID for the woman to whom this pregnancy belongs
- **Observation (Number)**
Observation at which this pregnancy outcome was recorded
- **AntenatalClinic (Text)**
Did the mother attend and Ante-natal clinic
Pregnancies : Antenatal : Codes

Y	Yes
N	No
- **AntenatalVisits (Number)**
Number of antenatal visits
- **Education (Text)**
The highest educational status that the mother has achieved
Pregnancies : Education : Codes

0	Std 10/Matric
1	Std 1/Grade 3
2	Std 2/Grade 4
3	Std 3/Grade 5
4	Std 4/Grade 6
5	Std 5/Grade 7
6	Std 6/Grade 8
7	Std 7/Grade 9
8	Std 8/Grade 10
9	Std 9/Grade 11
A	Sub-A/Grade 1
B	Sub-B/Grade 2
H	Higher education
N	No formal education
Q	Education status still to be assigned
X	Education status unknown
- **Scholar (Text)**
Was the mother a scholar at any stage during the pregnancy
Pregnancies : Scholar : Codes

Y	Yes
N	No
- **BacktoSchool (Text)**
Did the mother return to be a scholar or does she intend to do so
Pregnancies : BacktoSchool : Codes

-	Not applicable, because the mother was not a scholar
I	The mother intends to return to school, but has not yet done so
N	The mother does not intend to return to school and has not attended school subsequent to the delivery
Q	BackToSchool unassigned
X	BackToSchool unknown
Y	The mother has returned to school after the delivery

- **PregnancyPlanned (Text)**
Recording whether the pregnancy was planned
Pregnancies : PregnancyPlanned : Codes
 - N The pregnancy was not planned
 - O Other factors were involved in the timing of the pregnancy
 - Q PregnancyPlanned unassigned
 - X PregnancyPlanned unknown
 - Y The pregnancy was planned
- **ContraceBe (Text)**
A record of whether contraceptives were used before the pregnancy and if so which type
Pregnancies : ContraceBe : Codes
 - C Condom
 - I Injection
 - L Loop (IUD)
 - M More than one
 - N None
 - P Pill
 - Q ContraceBe unassigned
 - S Sterilisation
 - T Traditional
 - X ContraceBe unknown
- **ContraceAf (Text)**
A record of whether contraceptives were used after the pregnancy and if so which type
Pregnancies : ContraceAf : Codes
 - C Condom
 - I Injection
 - L Loop
 - M More than one
 - N None
 - P Pill
 - Q ContraceAf unassigned
 - S Sterilisation
 - T Traditional
 - X Unknown
- **DeliveryDate (Date/Time)**
Date of delivery or abortion
- **DateEstimated (Text)**
Has the delivery date been estimated
Pregnancies : DateEstimated : Codes
 - Y Yes
 - N No
- **DeliveryLocal (Text)**
Did the delivery take place in the surveillance area
Pregnancies : DeliveryLocal : Codes
 - Y Yes
 - N No

- **DeliveryPlace (Text)**
Place at which the delivery took place
Pregnancies : DeliveryPlace : Codes
 - + Hospital
 - C Clinic
 - H Home
 - N Health Centre
 - O Other
 - Q DeliveryPlace unassigned
 - X DeliveryPlace unknown

- **Hospital (Text)**
Name of the hospital at which the delivery took place
Pregnancies : Hospital : Codes
 - Not applicable, because the delivery/death was not in a hospital
 - MP Mapulaneng
 - MT Matikwane
 - O Other hospital not listed above
 - PM Pietersburg-Mankweng
 - Q DeliveryHospital unassigned
 - RF Rob Ferreira
 - T Tintswalo
 - X DeliveryHospital unknown

- **Attendant (Text)**
Recording whether the birth was attended and if so by whom
Pregnancies : Attendant : Codes
 - B Unattended delivery
 - C Includes traditional birth attendants
 - D Doctor
 - F Family member
 - N Nurse or mid-wife
 - O Other
 - Q Attendant unassigned
 - X Attendant unknown

- **Complication (Text)**
Complications if any which took place associated with the delivery
Pregnancies : Complication : Codes
 - C Caesarian section
 - N None
 - O Other complication at delivery
 - Q Complication unassigned
 - X Complication unknown

- **ComplSpecified (Text)**
A free text field in which any complications associated with the birth will be recorded

- **Outcome (Text)**
Pregnancies : Outcome : Codes
 - A Abortion or termination of pregnancy
 - L Single live born
 - ML Multiple pregnancy, all babies live born
 - MM Multiple pregnancy, some but not all babies still born
 - MS Multiple pregnancy, all babies still born
 - Q Outcome unassigned
 - S Single still born
 - X Outcome unknown

- **StillBorn (Number)**
Total number of still-born births for this pregnancy

- **LiveBorn (Number)**
Total number of still-born births for this pregnancy
- **Duration (Number)**
Length of the pregnancy (weeks)

Pregnancies Relationships

IndividualsPregnancies

Individuals:Id-Pregnancies:Id

RelationshipType: One-To-Many

ObservationsPregnancies

Observations:Observation-Pregnancies:Observation

RelationshipType: One-To-Many

PregnanciesBirths

Pregnancies:Pregnancy-Births:Pregnancy

RelationshipType: One-To-Many

Residences table

Residences Table Description

This table is used to record data on the geographical residence in which an individual lived for a particular period of time. One individual may have a number of residences (referred to as residence episodes) during his/her lifetime.

Residences Fields

- **Residence (Number)**
Unique id for each residence episode
- **Location (Number)**
Geographical location defined by a location Id at which this residence took place
- **Id (Number)**
Id of individual to which this residence episode belongs
- **StartDate (Date/Time)**
Date at which this residence episode started
- **InitiatingEventType (Text)**
Residences : InitiatingEventType : Codes
 - A Start of demographic surveillance
 - B Birth
 - M Migration into location
 - Q InitiatingEventType not assigned
 - X InitiatingEventType unknown (formerly N)
- **StartObservation (Number)**
Observation id of the observation at which this episode was initiated
- **EndDate (Date/Time)**
Date at which this residence episode started
- **TerminatingEventType (Text)**
Event which terminated this residence episode
Residences : TerminatingEventType : Codes
 - C Not terminated
 - D Death
 - M Migration
 - Q TerminatingEventType not assigned
 - X TerminatingEventType unknown
 - Z End of demographic surveillance
- **LastObservation (Number)**
Observation id of the observation at which this episode was ended, or where the continuation of this episode was last verified

Residences Relationships

IndividualsResidences

Individuals:Id-Residences:Id

RelationshipType: One-To-Many

LocationsResidences

Locations:Location-Residences:Location

RelationshipType: One-To-Many

ObservationsResidences

Observations:Observation-Residences:StartObservation

RelationshipType: One-To-Many

ObservationsResidences

Observations:Observation-Residences:LastObservation
RelationshipType: One-To-Many

ResidencesBirths

Residences:Residence Births:Residence
RelationshipType: One-To-One

ResidencesDeaths

Residences:Residence-Deaths:Residence
RelationshipType: One-To-One

ResidencesInMigrations

Residences:Residence-InMigrations:Residence
RelationshipType: One-To-One

ResidencesOutMigrations

Residences:Residence-OutMigrations:Residence
RelationshipType: One-To-One

Resident Status table

ResidentStatus Table Description

This table is a record for each individual and is recorded each year, it measures how much time they spent in the study area during that period. Resident status codes are then assigned to identify whether individuals are migrants or permanent residents

ResidentStatus Fields

- **Id (Number)**
This records the Individual ID for the person to whom the resident status is recorded. It provides a link to the Individuals table
- **Observation (Number)**
This records the observation ID for the observation at which the data was recorded
- **ResMonths (Number)**
Number of months resident during the previous 12 months
- **ResStatus (Text)**
Code assigning a resident status to the individual
- **ResidentStatus:ResStatus:Codes**
 - M The person is a member of the household, but has lived less than 6 months in the area over the previous year (Migrant)
 - O Other residence status (Other)
 - P The person has live more than 6 months of the previous year in the area (Permanent)
 - Q Residence status still to be assigned (Query)
 - V The person is not a member of the household (Visitor)
 - X Residence status unknown (Unknown)

ResidentStatus Relationships

IndividualsResidentStatus

Individuals:Id-ResidentStatus:Id

RelationshipType: One-To-Many

ObservationsResidentStatus

Observations:Id-ResidentStatus:Id

RelationshipType: One-To-Many

StrokeStatus table

StrokeStatus Table Description

This table is a record for each individual in the study area, it was recorded as a part of a module completed for the 2001 census and has not been repeated subsequently.

StrokeStatus Fields

- **ID (Number)**
This records the Individual ID for the person to whom the stroke status is recorded. It provides a link to the Individuals table
- **Observation (Number)**
This records the observation ID for the observation at which the data was recorded
- **Weakness (Text)**
This is a code which records whether the individual has ever suffered symptoms of weakness in one side of their body in the past

StrokeStatus:Weakness:Codes

N	No
Q	Query
X	Unknown
Y	Yes

- **Stroke (Text)**
This is a code which records whether the individual reports having suffered a stroke in the past

StrokeStatus:Stroke:Codes

N	No
Q	Query
X	Unknown
Y	Yes

StrokeStatus Relationships

IndividualsStrokeStatus

Individuals:Id-StrokeStatus:Id

RelationshipType: One-To-Many

ObservationsStrokeStatus

Observations:Id-StrokeStatus:Id

RelationshipType: One-To-Many

TemporaryMigration table

TemporaryMigration Table Description

This table contains information about individuals who were temporarily away from the study area for more than 6 of the previous 12 months. It was a module carried out as a one-off analysis for the 2002 census

TemporaryMigration Fields

- **ID (Number)**
ID of the individual for which the data was recorded
- **Observation (Number)**
Observation at which this data was recorded
- **TMID (Number)**
Separate sequential ID code recorded for this temporary migration record
- **Respondent (Text)**
Code identifying the status of the individual who provided information to the survey

TemporaryMigration:Respondent:Codes

- | | |
|---|-----------------------|
| H | Household Head |
| M | Household member |
| N | Neighbour |
| Q | Respondent unassigned |
| X | Respondent not known |
- **RespondentId (Number)**
ID of the individual who provided information for the survey
 - **Duration (Number)**
The length of time (years) for which the respondent has been a temporary migrant
 - **Place1 (Text)**
Place of residence for first residence outside the study area in the previous 12 months
 - **Town1 (Text)**
Town or City of residence for first residence outside the study area in the previous 12 months
 - **Province1 (Text)**
Province of residence for first residence outside the study area in the previous 12 months
 - **Country1 (Text)**
Country of residence for first residence outside the study area in the previous 12 months
 - **Place2 (Text)**
Place of residence for second residence outside the study area in the previous 12 months
 - **Town2 (Text)**
Town or City of residence for second residence outside the study area in the previous 12 months
 - **Province2 (Text)**
Province of residence for second residence outside the study area in the previous 12 months
 - **Country2 (Text)**
Country of residence for second residence outside the study area in the previous 12 months
 - **Place3 (Text)**
Place of residence for third residence outside the study area in the previous 12 months

- **Town3 (Text)**
Town or City of residence for third residence outside the study area in the previous 12 months
- **Province3 (Text)**
Province of residence for third residence outside the study area in the previous 12 months
- **Country3 (Text)**
Country of residence for third residence outside the study area in the previous 12 months
- **Place3Plus (Text)**
Record of whether the respondent has lived in more than 3 places in the previous 12 months
TemporaryMigration:Place3Plus:Codes

N	No
X	Unknown
Y	Yes
- **Reason1 (Text)**
Most important reason for the person being away from home
TemporaryMigration:Reason1:Codes

01	Looking for work
02	Employed
03	School/studies
04	Training to be a sangoma/FH
05	Live with another spouse/partner
06	Visit family
07	Visit friends
08	Holiday
09	Hospital/Clinic
10	Getting healed at a sangoma/FH
11	Escaping from unfavourable situations
12	Prison
13	Other (specify)
QQ	Reason unassigned
XX	Reason not known
- **Reason2 (Text)**
Second most important reason for the person being away from home
TemporaryMigration:Reason2:Codes

01	Looking for work
02	Employed
03	School/studies
04	Training to be a sangoma/FH
05	Live with another spouse/partner
06	Visit family
07	Visit friends
08	Holiday
09	Hospital/Clinic
10	Getting healed at a sangoma/FH
11	Escaping from unfavourable situations
12	Prison
13	Other (specify)
QQ	Reason unassigned
XX	Reason not known
- **ReasonSpecified (Text)**
Free text field to specify any other reason for being away

- **JobFound (Text)**
If the reason for migration was looking for work (01) was a job found and if so in which sector
TemporaryMigration:JobFound:Codes
 - F Job found in formal sector
 - I Job found in informal sector
 - N Job not found
 - Q JobFound unassigned
 - X JobFound unknown
- **WorkType (Text)**
If the reason for the migration was employment what type of employment was it
TemporaryMigration:WorkType:Codes
 - 1 Farm work
 - 2 Domestic work
 - 3 Construction work
 - 4 Security work
 - 5 Cleaning work
 - 6 Small business owner
 - 7 Mine work
 - 8 Teacher
 - 9 Traditional healer
 - 10 Health sector (formal)
 - 11 Game farm
 - 12 Driver
 - 13 Skilled worker
 - 14 Cook/ chef/ catering
 - 15 Unskilled worker
 - 16 Artisan
 - 17 Waiter/ barman
 - 18 Informal selling
 - 19 Small business assistant
 - 20 Clerical and office work
 - 21 Cattle herder
 - 22 Sewing, hairdressing, baking, brewing
 - 23 Police, soldier, fireman
 - 24 Petrol attendant
 - 25 Timber, sawmill, poles
 - 26 Gardening services
 - 27 Fieldworker - NGO
 - 28 Art, craft, photography, fashion design
 - 29 Senior Administrator, manager, professional
 - 30 Priest
 - 31 Traditional Healer
 - 32 Unknown
 - 33 Not working
- **ReturnPattern (Text)**
Code describing the pattern by which the respondent returned home
TemporaryMigration:ReturnPattern:Codes
 - 01 Christmas only
 - 02 Christmas + Easter only
 - 03 Month Ends
 - 04 Month Ends + holiday
 - 05 Most weekends
 - 06 One long period/holiday
 - 07 Two holidays or periods
 - 08 School holidays
 - 09 Irregular pattern
 - 10 Other (specify)
 - QQ Query
 - XX Unknown

- **PatternSpecified (Text)**
Free text field to specify any other pattern for returning home
- **PrevVisitDate (Text)**
The date of the last visit to the dwelling for the individual
- **PrevCommDate (Date/Time)**
The date of the last communication from the individual
- **CommMode (Text)**
Mode of the last communication
TemporaryMigration:CommMode:Codes
 - 1 Spoke to him/her in person at home
 - 2 Spoke to him/her at work
 - 3 Spoke to him/her by telephone
 - 4 Verbal message
 - 5 Written message/letter
 - 6 Other (specify)
 - Q CommMode unassigned
 - X Unknown
- **CommModeSpecified (Text)**
Free text field to specify any other mode of communication
- **Remittance (Text)**
Does the individual send any money back to the household
TemporaryMigration:Remittance:Codes
 - N No
 - Y Yes
- **RemitMoney (Number)**
Is the Remittance partly or entirely the form of money
TemporaryMigration: RemitMoney:Codes
 - 0 No
 - 1 Yes
- **RemitClothes (Number)**
Is the Remittance partly or entirely the form of clothes
TemporaryMigration: RemitClothes:Codes
 - 0 No
 - 1 Yes
- **RemitFood (Number)**
Is the Remittance partly or entirely the form of food
TemporaryMigration: RemitFood:Codes
 - 0 No
 - 1 Yes
- **RemitOther (Number)**
Is the Remittance partly or entirely in other forms
TemporaryMigration: RemitOther:Codes
 - 0 No
 - 1 Yes
- **RemitOtherSpec (Text)**
Free text field allowing other forms of remittance to be specified
- **ItemsBought (Text)**
Have any items been bought for this dwelling by the person in the last year
TemporaryMigration: ItemsBought:Codes
 - N No
 - Y Yes
- **ItemsSpec (Text)**
Free text field allowing the items bought to be specified
- **MoneyGivenTo (Number)**
If money is given the ID of the individual who receives it

- **MSHouse (Number)**
 If money is given is it spent on the house
TemporaryMigration: MSHouse:Codes
 0 No
 -1 Yes
- **MSCattle (Number)**
 If money is given is it spent on Cattle
TemporaryMigration: MSCattle:Codes
 0 No
 -1 Yes
- **MSFood (Number)**
 If money is given is it spent on Food
TemporaryMigration: MSFood:Codes
 0 No
 -1 Yes
- **MSClothes (Number)**
 If money is given is it spent on Clothes
TemporaryMigration: MSClothes:Codes
 0 No
 -1 Yes
- **MSTrade (Number)**
 If money is given is it spent on Business/Trade
TemporaryMigration: MSTrade:Codes
 0 No
 -1 Yes
- **MSElectricity (Number)**
 If money is given is it spent on Electricity
TemporaryMigration: MSElectricity:Codes
 0 No
 -1 Yes
- **MSComms (Number)**
 If money is given is it spent on Communications
TemporaryMigration: MSCattle:Codes
 0 No
 -1 Yes
- **MSTransport (Number)**
 If money is given is it spent on Transport
TemporaryMigration: MSTransport:Codes
 0 No
 -1 Yes
- **MSHealth (Number)**
 If money is given is it spent on Healthcare
TemporaryMigration: MSHealthcare:Codes
 0 No
 -1 Yes
- **MSSchool (Number)**
 If money is given is it spent on School
TemporaryMigration: MSSchool:Codes
 0 No
 -1 Yes
- **MSOther (Number)**
 If money is given is it spent on other things
TemporaryMigration: MSOther:Codes
 0 No
 -1 Yes
- **MSOtherSpec (Text)**
 Free text field allowing other specification of other items that the money is spent on

- **RemitAmount (Number)**
The total value of goods sent home in the last month (Rand)
- **RemitAvg (Number)**
The total value of goods sent home in the last year (Rand)
- **LMChildrenO (Number)**
Are they any moves out of this household linked to the moves by this person for the following purposes
- Children move to another place
TemporaryMigration: LMChildrenO:Codes
0 No
-1 Yes
- **LMChildrenW (Number)**
Are they any moves out of this household linked to the moves by this person for the following purposes
- Children move with the migrant
TemporaryMigration: LMChildrenW:Codes
0 No
-1 Yes
- **LMChildCare (Number)**
Are they any moves out of this household linked to the moves by this person for the following purposes
- Child carer moves in
TemporaryMigration: LMChildCare:Codes
0 No
-1 Yes
- **LMPartnerReturn (Number)**
Are they any moves out of this household linked to the moves by this person for the following purposes
- Partner accompanies migrant on return
TemporaryMigration: LMPartnerReturn:Codes
0 No
-1 Yes
- **LMPartnerVisit (Number)**
Are they any moves out of this household linked to the moves by this person for the following purposes
- Partner visits the migrant in his place of work
TemporaryMigration: LMChildrenO:Codes
0 No
-1 Yes
- **LMOther (Number)**
Are they any moves out of this household linked to the moves by this person for the following purposes
- Other specified below
TemporaryMigration: LMChildrenO:Codes
0 No
-1 Yes
- **LMOtherSpec**
Free text field to specify any other linked moves associated with this person
- **ChildrenRemain**
Record of the person has children under the age of 18 who do not travel with the individual
TemporaryMigration: ChildrenRemain:Codes
N No
Y Yes
Q Query
- **Comments**
Free text field for any other comments associated with the temporary migration

StrokeStatus Relationships

IndividualsTemporaryMigrations

Individuals:ID-TemporaryMigrations:ID

RelationshipType: One-To-Many

ObservationsTemporaryMigrations

Observations:Observation-TemporaryMigrations:Observation

RelationshipType: One-To-Many

TemporaryMigrationsTMChildren

TemporaryMigrations:TMID-TMChildren:MTID

RelationshipType: One-To-Many

TMChildren table

TMChildren Table Description

This table contains details about the children associated with the individual identified in the Temporary migration table who may have been affected by the temporary migration.

TMChildren Fields

- **TMID (Number)**
Temporary Migration ID providing a link to entries in the Temporary Migration table
- **ID (Number)**
Individual ID for the child providing a link to the Individuals table
- **StayAt (Text)**
Code representing where the individual child stayed
TMChildren:StayAt:Codes

H	In this household
R	With a relative
N	With a neighbour
O	Other
- **RelSpec**
Code Representing the relationship to the relative if the child is staying with a relative Stay at = R
TMChildren:RelSpec:Codes
 - Brother's wife
 - FM
 - FMM
 - FZ
 - Grandparents
 - MM
 - MZ
 - WM
 - ZM
- **CareIll**
Code representing the individual who takes the child from treatment if they become ill when the individual identified in the temporary migration table is away .
If StayAt = H this contains an Individual Id
If StayAt = R this contains the code representing the relationship to the child (see TMChildren:RelSpec:Codes above)
If the individual is a neighbour contains N
If other specify in text form the relationship to the child
- **CareFood**
Code Representing the individual who provides food for the child on a daily basis when the individual identified in the temporary migration table is away .
If StayAt = H - this contains an Individual Id
If StayAt = R - this contains the code representing the relationship to the child (see TMChildren:RelSpec:Codes above)
If the individual is a neighbour contains N
If other specify in text form the relationship to the child

TMChild Relationships

IndividualsTMChildren

Individuals:Id-TMChildren:ID

RelationshipType: One-To-Many

TemporaryMigrationsTMChildren

TemporaryMigrations:TMID-TMChildren:TMID

RelationshipType: One-To-Many

Villages table

Villages Table Description

This table contains information about the codes which are used to represent the villages in the study area

Villages Fields

- **Village (Number)**

Village ID code

- **Name (Text)**

Village Name

Village names and codes

00	Unknown village
01	Agincourt
02	Croquetlawn
03	Cunningmore A
04	Cunningmore B
05	Huntington
06	Ireagh A
07	Ireagh B
08	Justicia A
09	Kildare A
10	Kildare B
11	Lillydale A
12	Lillydale B
13	Newington B
14	Newington C
15	Somerset A
16	Xanthia
17	Rholane
18	Kildare C
19	Justicia B
20	Somerset B
21	Khaya Lami

Villages Relationships

VillagesDayBlocks

Villages:Village-DayBlocks:Village

RelationshipType: One-To-Many

VillagesInMigrations

Villages:Village-InMigrations:Village

RelationshipType: One-To-Many

VillagesLocations

Villages:Village-Locations:Village

RelationshipType: One-To-Many

VillagesOutMigrations

Villages:Village-OutMigrations:Village

RelationshipType: One-To-Many