

# DRAFT DOCUMENT

## AHPU/WITS TRAINING DATABASE DICTIONARY

The dataset you have before you may be a flat-file in Excel, STATA, SPSS or some other statistical package or you may be using SQL script to create your own dataset. Whatever the dataset looks like that you have, the database it came from is a relational database. This means that your data come from a number of different “tables” that connect to one another through “unique identifiers.” The description of variables below is organized by the “table” from which the variable was taken. Please search the document by variable name using tools in your word processor to find the table, datatype, description and codes for the variable in which you are interested. Some variables exist in the relational database in multiple tables, except for variables like “observation” or “year”, these variables have the same structure and values in multiple tables and thus are used to match data from one table with data from another. For example, the variable ‘ID’ has its main home in the Individual’s Table, but exists in several other tables, like the Education Status Table. This allows us to match individual level education status, which can be updated as often as annually (if it changes) in the Education Status Table, to an individual’s other traits, such as gender and DOB found in the Individual’s Table. Some variables in your dataset may have already been converted (e.g. from string to numeric) or relabelled to ease your use of the data in your dataset.

Tables not defined: MidYearPopGender, PregPerMother, RandomInt, SampleHouseholds, SampleVillHHResults, Temp\_years, VillMidYearPopGenderAgeGroup10yr, VillMidYearPopGenderAgeGroup5yr, VillMidYearPopGenderAgeGroupCFB,

### INDIVIDUAL’S TABLE

#### Individual’s Table Description

The table has all the information about all individuals, past and present, within the study area. In the 2006 AHPU/Wits Student Database there will be a new Unions Table, which identifies which individuals are currently in unions with one another.

Column	Data type	Description	Codes (if other than numeric, or numeric has additional meaning)
ID	Number	ID number of individual (these have been randomized to keep identity of individuals anonymous)	
Gender	Text		F Female M Male Q Gender Unassigned X Gender unknown
DoB	Date	Date of Birth	
DoBEstimated	Text	Whether or not DOB is estimated	Y Yes N No
MotherID	Number	ID of individual’s Mother	
MotherStatus	Text	Whether or not individual’s mother is alive, and if so where she lives	A Mother in another household in the Agincourt area, but not in the same village B Mother in another household in the Bushbuckridge area, but not in the Agincourt area D Mother has died and is not registered as an individual belonging to the same household E Mother in another household not in the Bushbuckridge area

			H	Mother in the same household, MotherId must be provided
Refugee	Text	Where the individual is from, most notably whether or not the individual is of Mozambican origin	M N O Q X Y	A person who arrived after the end of 1992 from Mozambique South African citizen Citizen of a country other than South Africa or Mozambique Refugee status to be assigned Refugee status unknown A refugee who arrived prior to start of 1993 from Mozambique
HusbandStatus	Text		- D M N Q S W X	Not applicable, person is a male Currently not married, has divorced previous husband (Id may be in HusbandId field) Married, if the husband is in the household his Id will be in HusbandId Woman older than 15 who has never married Husband status to be assigned Currently not living with husband, (Id may be in HusbandId field) Currently not married, previous husband has died (Id may be in HusbandId field) Husband status unknown
DoD	Date	Date of Death		
DoDEstimated	Text	Whether or not DOD is estimated	Y N	Yes No

## 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.

Column	Data type	Description	Codes (if other than numeric, or numeric has additional meaning)
ID	Number	ID number of individual living in household	
Household	Number	Number assigned to household (same for all household members over time)	
Location	Number	Location of household within site. (This variable places households within a village; it is mainly used to link individuals to households and households to villages, not particularly meaningful for analysis).	

## MEMBERSHIPS TABLE

### Memberships Table Description

This table is used to record information regarding memberships of individuals in households within the study area.

Column	Data type	Description	Codes (if other than numeric, or numeric has additional meaning)
ID	Number	ID number of individual living in household	
Membership	Number	Unique ID for each membership episode	
Household	Number	Number of household in which individual is a member	
StartDate	Date	Date at which episode started	
EndDate	Date	Date at which episode ended	
StartObsDate	Date	Date of first observation	
EndObsDate	Date	Date last observation was collected	
HHRelation	Text	Relationship of individual to household head (is updated each time household head changes)	These codes are constructed from a number of possible relationships: M Mother F Father B Brother Z Sister W Wife H Husband S Son D Daughter  i.e. a niece could be BD (brother's daughter) or ZD (sister's daughter), a greatgranddaughter could be SSD (son's son's daughter) or DDD (daughter's daughter's daughter) or SDD or DSD.

## 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.

Column	Data type	Description	Codes (if other than numeric, or numeric has additional meaning)
ID	Number	ID number of individual to whom the residence episode belongs	
Residence	Number	Unique ID number for each episode	
Location	Number	Geographical location defined by a location	

		Id at which this residence took place. (See note above about use of "Location".)	
StartDate	Date	Date at which residence started	
EndDate	Date	Date at which residence ended	
StartObsDate	Date	Date first observation was collected	
EndObsDate	Date	Date last observation was collected	

## RESIDENCE STATUS TABLE

### Residence Status 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.

Column	Data type	Description	Codes (if other than numeric, or numeric has additional meaning)
ID	Number	ID number of individual whose residence status this describes	
ResMonths	Number	Number of months resident in household in previous 12 months	
ResStatus	Text	Code assigning resident status to individual	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)
Year	Number	Year for which residence status was collected	

## VILLAGE TABLE

### Village Table Description

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

Column	Data type	Description	Codes (if other than numeric, or numeric has additional meaning)
Village	Text	Village Number: sequential zero-filled number, stored as a text string. Unique id for each village codes.	01 – 21 (one numeric string for each village)

## LOCATIONS TABLE

### Locations Table Description

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

Column	Data type	Description	Codes (if other than numeric, or numeric has additional meaning)
Location	Number	Sequential number specifying location within study site. (See note about use of "Location")	
Village	Text	Village Number (sequential zero-filled number, stored as a text string. Unique id for each village).	01 -21 (unique numeric string for each village)

## 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.

Column	Data type	Description	Codes (if other than numeric, or numeric has additional meaning)
ID	Number	ID of individual whose birth is documented here	
Residence	Number	Residence episode started by this birth	
Pregnancy	Number	Number to link to the pregnancy field in the pregnancies table	
Birthweight	Number	Birthweight recorded in kilograms	Y Yes N No
BreastEver	Text	Has the child been breast fed	
BreastDurType	Text	Units of time measurement, current status or other information on data	- Has never breastfed B Still breastfeeding M Months Q BreastDurType unassigned W Weeks X BreastDurType unknown Y Years
BreastDuration	Number	Time that the child has been breast fed (months)	
RoadToHealthCard	Text	Information about whether child has Road to Health Card	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 on status of birth registration	N Q X Y	BirthRegistration has not taken place BirthRegistration unassigned BirthRegistration unknown BirthRegistration has taken place
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## MATERNITY HISTORY TABLE

### Maternity History Table Description

This 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.

Column	Data type	Description	Codes (if other than numeric, or numeric has additional meaning)
ID	Number	ID of mother	
DoB	Date	Date of child's birth	
Gender	Text	Gender of child	F Female M Male Q Gender Unassigned X Gender unknown
Outcome	Text		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
Multiple	Number	How many children were born (single birth-1, twins-2, etc)	
Living	Text	If child is alive at the time the maternity history was collected	D Child is dead L Child is alive Q Query X Unknown
ChildStatus	Text	Where child was living at time that maternity history was collected	- ChildStatus not applicable, because not currently alive A Child in Agincourt area, but not same village B Child in Bushbuckridge area, but not in Agincourt area E Child lives elsewhere (outside Bushbuckridge) H Child currently in same household with mother Q ChildStatus unassigned V Child currently in same village but not same household as mother X ChildStatus unknown
DeathAge	Number	Age at death on date listed in 'DeathDate' for Maternity History Table	
DeathAgeType	Text	Classification of how old child was at time of	- Child is still alive

		death (weeks, months, years, etc)	M Q W X Y	Months DeathAgeType unassigned Weeks DeathAgeType is unknown Years
DeathDate	Date	Date of child's death		

## 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.

Column	Data type	Description	Codes (if other than numeric, or numeric has additional meaning)
ID	Number	ID of woman pregnancy to whom belongs	
Pregnancy	Number	Unique ID of this pregnancy	
AntenatalClinic	Text	Did woman attend antenatal clinic?	Y Yes N No
AntenatalVisits	Number	Number of antenatal visits	
Education	Text	Highest level of education mother has achieved	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 N None Q Query X Unknown
Scholar	Text	Was student at time of pregnancy/birth	
BacktoSchool	Text	If was scholar, whether mother intended to return to school after birth	I Intends to Y Mother has returned to school N No Q Query X Unknown

PregnancyPlanned	Text	Whether or not pregnancy was planned	Y Yes N No Q Query X Unknown O Other
ContraceBe	Text	Type of contraception used before pregnancy	C Condom I Injection L Loop M More than one N None P Pill Q Query S Sterilisation T Traditional X Unknown
ContraceAf	Text	Type of contraception used after pregnancy/delivery	C Condom I Injection L Loop M More than one N None P Pill Q Query S Sterilisation T Traditional X Unknown
DeliveryDate	Date	Date of delivery	
DateEstimated	Text	Date was estimated	Y Yes N No
DeliveryLocal	Text	Did the delivery take place in the surveillance area	Y Yes N No
DeliveryPlace	Text	Place at which the delivery took place	+ Hospital C Clinic H Home N Health Centre O Other Q DeliveryPlace unassigned X DeliveryPlace unknown
Hospital	Text	Name of hospital at which delivery took place	- 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 delivery was attended and if so by whom	B C D F N O Q X	Unattended delivery Includes traditional birth attendants Doctor Family member Nurse or mid-wife Other Attendant unassigned Attendant unknown
Complication	Text	Complications if any that took place related to delivery	C N O Q X	Caesarian section None Other complication at delivery Complication unassigned Complication unknown
ComplSpecified	Text	A free text field in which any complications related to the birth can be recorded		
Outcome	Text	Outcome of the delivery	A L ML MM MS Q S X	Abortion or termination of pregnancy Single live born Multiple pregnancy, all babies live born Multiple pregnancy, some but not all babies still born Multiple pregnancy, all babies still born Outcome unassigned Single still born Outcome unknown
StillBorn	Number	Total number of still-births for this pregnancy		
LiveBorn	Number	Total number of live-births for this pregnancy		
Duration	Number	Length of pregnancy (weeks)		

## 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.

Column	Data type	Description	Codes (if other than numeric, or numeric has additional meaning)
ID	Number	ID number 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?	Y Yes N No
DiedAt	Text	Place of Death	+ Hospital C Clinic

			E Elsewhere H Home N Health Centre V Vehicle accident site O None of the above Q Query DiedAt unassigned X Unknown
Hospital	Text	If the death was at a hospital, where?	- NA, death was not in hospital MP Mapulaneng MT Matikwane PM Pietersburg=Mankweng RF Rob Ferreira T Tintswalo O Other hospital not listed above Q Hospital unassigned X Hospital unknown
Province	Text	Specifying province in which person died for known place of death	Provincial codes
WomanDeath	Text	Is this a maternal mortality death?	P Pregnant at time of death D Died during delivery B Died within 48 days of delivery O None of the above
DeathRegistration	Text	Was this death registered (is there a death certificate)	Y Yes N No
MainCause	Text	Main cause of death	See COD document for list of ICD-10 codes present in database

## 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.

Column	Data type	Description	Codes (if other than numeric, or numeric has additional meaning)
ID	Number	ID number of individual whose education status is documented	
Education	Text	Highest level of education completed by individual	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 N None Q Query X Unknown
Year	Number	Year data was collected (year of observation)	

## 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.

Column	Data type	Description	Codes (if other than numeric, or numeric has additional meaning)
ID	Number	ID number of individual whose health utilization is documented	
CardColor	Text	For all children under five years of age, the colour of the Road To Health Card is recorded	
BCG	Number	Vaccines and doses as indicated in the RTHC for under-fives	
Polio	Number	Vaccines and doses as indicated in the RTHC for under-fives	
DTP	Number	Vaccines and doses as indicated in the RTHC for under-fives	
Hib	Number	Vaccines and doses as indicated in the RTHC for under-fives	
HepB	Number	Vaccines and doses as indicated in the RTHC for under-fives	
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	
AdmittedLast12Months	Text	Ever been admitted to hospital in 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	- 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
Year	Number	Year of observation	

## INMIGRATIONS TABLE

### InMigrations Table Description

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

Column	Data type	Description	Codes (if other than numeric, or numeric has additional meaning)
ID	Number	ID number of individual whose in-migration is documented	
Residence	Number	Unique id of residence episode initiated by this in-migration	
Location	Number	Location key if known	
InternalMigration	Text	Did person move from within the study area	Y Yes N No
MoveType	Text		- Internal migration B From within the Bushbuchridge area, excluding the Agincourt area M Mozambique O Other area not listed P Pretoria-Witwatersrand-Vereeniging area (Gauteng) Q MoveType unassigned U Other urban or industrial area X MoveType unknown
MovePlace	Text	Name of place moved <i>from</i> if known	
Village	Text	Village number (as text) if moved from within site	
Reason	Text		AF Accompanying family member CF Child joined either mother or father DI Divorce DR Individual duplicated - to be merged by program FR Undocumented former reason for migration HH Migration of a complete household (actual reason recorded with index individual) JF Job found JL Job lost LW Looking for work MS Individual missed during DSS start ND Individual was never resident in the study area NF No household census form for this household NH New house NM New marriage NR New Mozambican/refugee OM Other marriage related OT Other reason OW Other work related reason PD Pregnancy/delivery PM Migration presumed in data clean-up Q Reason unassigned RR Returning Mozambican/refugee SE Separated

			SS	School/study
			WI	Widowed
			X	Reason unknown

## INMIGSTOFROM TABLE

### InMigrations To From Table Description

The table records all migration details into all households within the study area. All results mirror information in InMigrations and OutMigrations Tables.

Column	Data type	Description	Codes (if other than numeric, or numeric has additional meaning)
VillageTo	Text	Village individual moved to if within DSS	
VillageFrom	Text	Village individual moved from if within DSS	
InternalMigration	Yes/No (coded as 0/1)	Was this a move from one household/village in the DSS to another household/village in the DSS	
MoveType			- Internal migration B From within the Bushburchridge area, excluding the Agincourt area M Mozambique O Other area not listed P Pretoria-Witwatersrand-Vereeniging area (Gauteng) Q MoveType unassigned U Other urban or industrial area X MoveType unknown
MovePlace		Name of place moved <i>from</i> if known	
Reason			AF Accompanying family member CF Child joined either mother or father DI Divorce DR Individual duplicated - to be merged by program FR Undocumented former reason for migration HH Migration of a complete household (actual reason recorded with index individual) JF Job found JL Job lost LW Looking for work MS Individual missed during DSS start ND Individual was never resident in the study area NF No household census form for this household NH New house NM New marriage NR New Mozambican/refugee OM Other marriage related OT Other reason OW Other work related reason PD Pregnancy/delivery PM Migration presumed in data clean-up

			Q Reason unassigned RR Returning Mozambican/refugee SE Separated SS School/study WI Widowed X Reason unknown
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## OUT MIGRATIONS TABLE

### OutMigrations Table Description

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

Column	Data type	Description	Codes (if other than numeric, or numeric has additional meaning)
Residence	Long Integer	Unique id of residence episode initiated by this out-migration	
Location	Long Integer	Location key if known	
InternalMigration	Yes/No	True if the person moved to a location within the study area	
MoveType	Text	Type of move, only applicable to external migrations	- Internal migration B To within the Bushbuckridge area, excluding the Agincourt area M Mozambique O Other area not listed P Pretoria-Witwatersrand-Vereeniging area (Gauteng) Q MoveType unassigned U Other urban or industrial area X MoveType unknown
MovePlace	Text	Name of Place moved <i>to</i> if known	
Village	Text	Village number (as text) if moved from within site	
Reason	Text		AF Accompanying family member CF Child joined either mother or father DI Divorce DR Individual duplicated - to be merged by program FR Undocumented former reason for migration HH Migration of a complete household (actual reason recorded with index individual) JF Job found JL Job lost LW Looking for work MS Individual missed during DSS start ND Individual was never resident in the study area NF No household census form for this household NH New house NM New marriage NR New Mozambican/refugee

			OM Other marriage related OT Other reason OW Other work related reason PD Pregnancy/delivery PM Migration presumed in data clean-up Q Reason unassigned RR Returning Mozambican/refugee SE Separated SS School/study WI Widowed X Reason unknown
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### OUTMIGSTOFROM TABLE

#### OutMigrations To From Table Description

The table records all migration details out of all households within the study area. All results mirror information in InMigrations and OutMigrations Tables.

Column	Data type	Description	Codes (if other than numeric, or numeric has additional meaning)
VillageTo	Text	Village individual moved to if within DSS	
VillageFrom	Text	Village individual moved from if within DSS	
InternalMigration	Yes/No (coded as 0/1)	Was this a move from one household/village in the DSS to another household/village in the DSS	
MoveType			- Internal migration B From within the Bushburchridge area, excluding the Agincourt area M Mozambique O Other area not listed P Pretoria-Witwatersrand-Vereeniging area (Gauteng) Q MoveType unassigned U Other urban or industrial area X MoveType unknown
MovePlace		Name of place moved <i>to</i> if known	
Reason			AF Accompanying family member CF Child joined either mother or father DI Divorce DR Individual duplicated - to be merged by program FR Undocumented former reason for migration HH Migration of a complete household (actual reason recorded with index individual) JF Job found JL Job lost LW Looking for work MS Individual missed during DSS start ND Individual was never resident in the study area NF No household census form for this household

			NH New house NM New marriage NR New Mozambican/refugee OM Other marriage related OT Other reason OW Other work related reason PD Pregnancy/delivery PM Migration presumed in data clean-up Q Reason unassigned RR Returning Mozambican/refugee SE Separated SS School/study WI Widowed X Reason unknown
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### 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 & 2005.

Column	Data type	Description	Codes (if other than numeric, or numeric has additional meaning)
Household	Number	Unique household id	
ObsYear	Number	Year data was collected	
Construct	Yes/No	Indicates whether or not the main dwelling structure is still under construction	
Walls	Text	Gives the construction materials of the walls	1 Brick 2 Cement 3 Other Modern 4 Stabilized mud 5 Traditional mud 6 Wood 7 Other Informal Q Query X Unknown
Roof	Text	Gives the construction materials of the roof	1 Tiles 2 Corrugated iron 3 Other modern 4 Thatch 5 Other informal Q Query X Unknown
Floor	Text	Gives the construction materials of the floor	1 Tiles 2 Cement 3 Modern carpet

			4 Wood 5 Other modern 6 Dirt 7 Mat 8 Other Traditional Q Query X Unknown
SepKit	Yes/No	Indicates whether or not there is a kitchen separate from the sleeping function	
SepLiv	Yes/No	Indicates whether or not there is a living room separate from the sleeping function	
ToiletFac	Text	Gives the status of the toilet facility	1 In house 2 In yard 3 Other house 4 Bush Q Query X Unknown
ToiletType	Text	Gives the toilet type	1 Modern 2 VIP 3 Pit Toilet 4 None Q Query X Unknown
WaterSup	Text	Gives the status of the main water supply	01 Tap in house 02 Tap in yard 03 Tap in street 04 Truck 05 Cement well 06 Traditional well 07 Pond 08 River 09 Dam 10 Rainwater tank 11 Other QQ Query XX Unknown
WaterAvail	Text	Gives the availability of the water supply	1 Always 2 Most of the time 3 Few hours a day 4 Irregular, not every day 5 Very irregular Q Query 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	1 Electricity 2 Battery/Generator 3 Solar Power 4 Paraffin 5 Candles 6 Other Q Query X Unknown
PowerCook	Text	Gives the main power supply for cooking	1 Electricity 2 Gas Bottle 3 Paraffin 4 Wood 5 Other Q Query X Unknown
Fridge	Text	Gives fridge ownership status	1 Yes 2 No 3 Broken, to be fixed soon 4 Broken, no plans to fix Q Query X Unknown
TV	Text	Gives TV ownership status	1 Yes 2 No 3 Broken, to be fixed soon 4 Broken, no plans to fix Q Query X Unknown
CellPhone	Text	Gives cellphone ownership status	1 Yes 2 No 3 Broken, to be fixed soon 4 Broken, no plans to fix Q Query X Unknown
Cattle	Text	Gives cattle ownership status	1 None 2 1-10 3 11-40 4 more than 40 5 Yes, but number unknown Q Query X Unknown
Goats	Text	Gives goats ownership status	1 None

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

## 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 was done to see the extent to which households within the study area access this grant. As a module, it was done in 2002 & 2005.

Column	Data type	Description	Codes (if other than numeric, or numeric has additional meaning)
ChildGrantFormID	Number	A Unique Child Grant Form ID	
Household	Number	A Unique Household ID	
ObsYear	Number	Year information was collected (2002 or 2005)	
Respondent	Text	The relationship of the respondent to the Household Head	H Household Head M Household Member N Neighbor X Respondent not known Q Query
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	Heard about grant from newspaper	
Radio	Yes/No	Heard about grant from radio	
TV	Yes/No	Heard about grant from TV	
Welfare	Yes/No	Heard about grant from welfare office	
ClinicsHospital	Yes/No	Heard about grant from clinic/hospital	
FriendsRelative	Yes/No	Heard about grant from friends/relatives	
PensionQueue	Yes/No	Heard about grant while in pension	

		queue	
CRW	Yes/No	Heard about grant from Community Rehabilitation Worker	
HeardOther	Yes/No	Heard about grant from other source	
HeardOtherSpec	Text	Other source specified	
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	
ChildReceivedAdultOutof House	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	Reasons for not having a child care grant: did not know existed	
DidNotWant	Yes/No	Reasons for not having a child care grant: Did not want	
NotEligibleIncome	Yes/No	Reasons for not having a child care grant: Not eligible because of household income level	
NoEligibleChild	Yes/No	Reasons for not having a child care grant: No eligible child in household	
CannotAccess	Yes/No	Reasons for not having a child care grant: Cannot Access	
NoRSAID	Yes/No	Reasons for not having a child care grant: No South African ID	
NoRTHCard	Yes/No	Reasons for not having a child care grant: No Road to Health Card	
NoBirthCert	Yes/No	Reasons for not having a child care grant: No Birth Certificate	
NoDeathCert	Yes/No	Reasons for not having a child care grant: No death certificate (for parent of orphaned child)	
LackOther	Yes/No	Reasons for not having a child care grant: other reasons for not having accessed grant	
LackOtherSpec	Text	Other reasons for not having a child care grant specified	
Comments	Text	Comments – notes on specific cases	

**CHILD GRANT TABLE**  
**Child Grant 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 & 2005.

Column	Data type	Description	Codes (if other than numeric, or numeric has additional meaning)
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	Yes/No	Whether the adult lives within the study area	
ChildID	Number	A Unique ID of the child for which a grant is received	
ChildInDSS	Yes/No	Whether the child lives within the study area	
ChildAge	Number	Age of child getting/applied for grant	
ChildSex	Text	Sex of child getting/applied for grant	F Female M Male Q Gender Unassigned X Gender unknown
ChildRelToAdult	Text	Relationship of child to adult receiving grant on his/her behalf	Some use of relationships code (see from Individual's table, some text written out, needs to be cleaned)
GrantType	Text	The type of the grant	D Care dependency F Foster care S Child Support X Unknown Q Query
Disability	Text	The type of disability if the grant is on the basis of disability	B Both mental and physical M Mental P Physical X Unknown Q Query
NotProcessed	Text	Why grant was not processed	OT Other reason XX Unknown QQ Query
NotProcessedSpec	Text	Specifies other reason why not processed	
PaymentStopped	Text	How/where respondent was informed that payment of grant was being stopped	L Letter – Welfare Office O Other P Verbal – Pay Point W Verbal – Welfare Office Q Query X Unknown
PaymentStoppedSpec	Text	Gives more information on why payment was stopped	
FirstVisit	Yes/No (coded as 0/1)	Was there a first visit made to social security office/social worker to query regarding securing a grant?	
FirstVisitYear	Number	Year of first visit	

FirstVisitMonth	Number	Month of first visit	
SubmittedNoSlip	Yes/No (coded as 0/1)	Was a grant application submitted by officer, but no proof of application slip given to applicant?	
SubmittedNoSlipYear	Number	Year grant was submitted without a slip	
SumbittedNoSlipMonth	Number	Month grant was submitted without a slip	
SubmittedSlip	Yes/No (coded as 0/1)	Was a grant application submitted by officer and applicant received proof of application slip?	
SubmittedSlipYear	Number	Year grant was submitted and applicant received slip	
SubmittedSlipMonth	Number	Month grant was submitted and applicant received slip	
AwardedNoPay	Yes/No (coded as 0/1)	Was grant awarded but payment has not yet been received?	
AwardedNoPayYear	Number	Year grant was awarded (but pay was not yet received)	
AwardedNoPayMonth	Number	Month grant was awarded (but pay was not yet received)	
Received	Yes/No (coded as 0/1)	Has grant been awarded and payment has commenced?	
ReceivedYear	Number	Year grant was awarded and payment began	
ReceivedMonth	Number	Month grant was awarded and payment began	
PayStopped	Yes/No (coded as 0/1)	Was grant payment stopped for any reason?	
PayStoppedYear	Number	Year grant payment was stopped	
PayStoppedMonth	Number	Month grant payment was stopped	
Refused	Yes/No (coded as 0/1)	Was application for grant unsuccessful?	
RefusedYear	Number	Year application was refused	
RefusedMonth	Number	Month application was refused	
Comment	Text	Comments on applicant and applicant's situation	

## 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.

Column	Data type	Description	Codes (if other than numeric, or numeric has additional meaning)
ID	Number	A Unique Individual ID (from Individual's Table)	
ObsYear	Number	Year information was collected	
Cough	Yes/No (text)	Screening question about whether individual had persistent cough	

### STROKE STATUS TABLE

#### Stroke Status 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.

Column	Data type	Description	Codes (if other than numeric, or numeric has additional meaning)
ID	Number	A Unique Individual ID (from Individual's Table)	
ObsYear	Number	Year information was collected	
Weakness	Yes/No (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	Y Yes N No Q Query X Unknown
Stroke	Yes/No (text)	This is a code which records whether the individual reports having suffered a stroke in the past	Y Yes N No Q Query X Unknown

### 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 & 2004.

Column	Data type	Description	Codes (if other than numeric, or numeric has additional meaning)
ID	Number	A Unique Individual ID (from Individual's Table)	
ObsYear	Number	Year information was collected	
EverWorked	Yes/No (text)	Had the respondent ever worked	
CurrentlyWorking	Yes/No	Is the respondent currently working	
Unemployment	Text	Reason respondent is not currently working	- Not currently unemployed B Between occasional work C Between fixed period contract

			D Disabled F Subsistence farmer H Home domestic work L Looking for a job N Not looking for work O Other (specify) Q Employment status unassigned S Student V Volunteer X Employment status unknown
UnemploymentSpec	Text	Specifying "other reason" for why the respondent is not currently working	
Unemwf	Yes/No (coded as 0/1)		
PensionStudent	Text	Is the respondent a student or pensioner, neither or both?	B Student and pensioner N Neither student nor pensioner P Pension Q Pension/Student unassigned S Student X Pension/Student unknown
PWorkType	Text	Primary employment: Type of employment (open-ended answer)	
PWorkCat	Number	Primary employment: Employment category	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
PSector	Text	Primary employment: Employment sector	A Agriculture C CBO F Manufacturing industry G Game reserve M Mining N NGO/University O Other (specify) P Private service industry Q Sector unassigned R Retail involves buying and selling S Government service U Construction X Sector unknown
PEmployer	Text	Primary employment: Who employer is	A Self employed B Employer C Employee CD Employee in family business D Family business E Cooperative Q Employer unassigned X Employer unknown
PPeriod	Text	Primary employment: period of work	F Fixed period job O Occasional work P Permanent job Q Period unassigned X Period unknown
PPlaceName	Text	Primary employment: name of place if known	
PPlaceCode	Text	Primary employment: code for where the place of work is	0 Field site village 1 Bushbuck Ridge village 2 Bushbuck Ridge town

			3 Other Northern Province place 4 Other Mpumalanga place 5 Towns along N4 6 Gauteng 7 Mozambique 8 Other SA province 9 Other country Q Place code unassigned X Place code unknown
PTax	Text	Primary employment: Does the respondent pay taxes through employment	Y Yes N No Q Query X Unknown
SWorkType	Text	Secondary employment: Type of work (open-ended response)	
SWorkCat	Number	Secondary employment: Work Category	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
SSector	Text	Secondary employment: Employment Sector	A Agriculture C CBO F Manufacturing industry G Game reserve M Mining N NGO/University O Other (specify) P Private service industry Q Sector unassigned R Retail involves buying and selling S Government service U Construction X Sector unknown
SEmployer	Text	Secondary Employment: Employer	A Self employed B Employer C Employee CD Employee in family business D Family business E Cooperative Q Employer unassigned X Employer unknown
SPeriod	Text	Secondary Employment: Period of employment	F Fixed period job O Occasional work P Permanent job Q Period unassigned X Period unknown
SPlaceName	Text	Secondary employment: name of place if known	
SPlaceCode	Number	Secondary employment: code for where the place of work is	0 Field site village 1 Bushbuck Ridge village 2 Bushbuck Ridge town 3 Other Northern Province place 4 Other Mpumalanga place 5 Towns along N4 6 Gauteng 7 Mozambique 8 Other SA province 9 Other country

			Q	Place code unassigned
			X	Place code unknown
STax	Text	Secondary employment: Does the respondent pay taxes through employment	Y	Yes
			N	No
			Q	Query
			X	Unknown

### UNION STATUS TABLE (MarriageAtt & UnionEpisodes Tables)

#### Union Status Table Description

This table records union status details of all individuals who are resident in all households within the study area. It was first collected in 2005, but collected retrospective information on all relationships of those currently living in the site.

Column	Data type	Description	Codes (if other than numeric, or numeric has additional meaning)	
UnionID	Number	A Unique ID for each union		
Q119LobolaPaid (MarriageAtt)	Text	Has the lobola (bridewealth) payment been completed?	1	Yes
			2	No
			9	No response
			Q	Query
			X	Unknown
Q120ReligiousCeremony (MarriageAtt)	Text	Was there a religious ceremony?	1	Yes
			2	No
			9	No response
			Q	Query
			X	Unknown
Q121MarriageRegistered (MarriageAtt)	Text	Was the marriage registered with the government?	1	Yes
			2	No
			9	No response
			Q	Query
			X	Unknown
RespondentID (UnionEpisodes)	Number			
PartnerID (UnionEpisodes)	Number			
StartDate(Union Episodes)	Date	When union began		
InitiatingUEventType (Union Episodes)	Text	How union began	1	Married
			4	Separated
			5	Informal Union
			6	Remarried
			Q	Query
			X	Unknown
StartObsDate (Union Episodes)	Date	First date when observation/data was collected		
EndDate (Union Episodes)	Date	When union ended		
LastObsDate (Union Episodes)	Date	Last date when observation was collected		
TerminatingUEventType	Text	Why union was ended	1	Widowed

(Union Episodes)			2 Divorced 3 Separated 7 Died C Current Q Query X Unknown
Q122CohabitationStatus	Text	If not married but cohabit, how regularly?	1 Yes, always 2 Weekly or weekend visits 3 Monthly visits 4 Holidays, special occasions 5 Other cases 9 No response Q Query X Unknown

### VillageEventStDevP TABLE

#### VillageEventStDevP Table Description

This table records the results of the calculations of the standard deviation of the population for the events (births,deaths,migrations) per household calculated on the entire database used in the validation process.

Column	Data type	Description	Codes (if other than numeric, or numeric has additional meaning)
Village	Text	Village (one record per village for each of the variables below)	
DeathAvg	Number	Average number of deaths per household in AHDSS database	
DeathStDevP	Number	Population standard deviation of deaths per household	
BirthAvg	Number	Average number of births per household in AHDSS database	
BirthStDevP	Number	Population standard deviation of births per household	
InMigAvg	Number	Average number of in-migrations per household in AHDSS database	
InMigStDevP	Number	Population standard deviation of in migrations per household	
OutMigAvg	Number	Average number of out-migrations per household in AHDSS database	
OutMigStDevP	Number	Population standard deviation of out migrations per household	