1998 KWAZULU-NATAL INCOME DYNAMICS STUDY (KIDS)

CODING MANUAL

Conducted by

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Acknowledgments

KwaZulu-Natal Income Dynamics Study (KIDS) 1993-1998:
A longitudinal household data set for South African policy analysis

An important adjunct of apartheid has been the absence of credible and comprehensive data on which policy, such as poverty reduction strategies, can be grounded. The previous regime had little interest in collecting information of this nature and, indeed, often suppressed data that depicted conditions in the former bantustan areas. This automatically excluded a large proportion of the poor from official statistics. It was not until the 1993 Project for Statistics on Living Standards and Development (PSLSD) that a comprehensive household database for development was created. Despite its usefulness, a cross-sectional study such as the PSLSD is unable to address a variety of questions, particularly those concerning dynamic processes, important to policy researchers and practitioners. KIDS 1993-1998 is a new longitudinal household survey based on the PSLSD that begins to fill this gap.

PSLSD 1993

The first South African national household survey, the PSLSD was undertaken in the last half of 1993 by a consortium of South African survey groups and universities under the leadership of the South African Labour and Development Research Unit (SALDRU) at the University of Cape Town with financial and technical support from the World Bank and the governments of Denmark, The Netherlands, and Norway.[1]

> The principal purpose of the survey … was to collect hard statistical information about the
> conditions under which South Africans live in order to provide policy makers with the data
> required for planning strategies to implement such goals as those outlined in the Government of
> National Unity's Reconstruction and Development Programme (RDP). (1993 codebook)

Similar to a Living Standards Measurement Survey, the main instrument was a comprehensive household survey collecting a broad array of information on the socio-economic condition of households. Among other things, it includes sections on household demographics, household environment, education, food and non-food expenditures, remittances, employment and income, agricultural activities, health and anthropometry (weights and heights of children aged six and under). In addition to the household questionnaire, a community questionnaire was administered

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[1] PSLSD has also been referred to as the South African Integrated Household Survey (SAIHS), the South African Living Standards Measurement Survey (LSMS), and the SALDRU survey.

in each cluster of the sample to collect information common to households in an area such as school availability, health care facilities, and prices for various commodities.

The 1993 sample was selected using a two-stage self-weighting design. In the first stage, clusters were chosen proportional to size from census enumerator subdistricts (ESDs) or approximate equivalents where not available. In the second stage, all households in each chosen cluster were enumerated and then a random sample of them selected (see 1993 codebook for further details).

An important component of the design, as with any household survey, was the definition of a household. To account for the complexity of the South African situation with its history of residential restrictions and migrant labour, a two-tiered definition for household members, resident or non-resident, was formulated based on time spent in residence.[2] Only limited information was collected from non-resident household members.

On its own, the 1993 survey is then an example of a cross-sectional survey - a one-time representative survey - and continues to serve as a benchmark for such studies in South Africa. However, there are important limits to the policy research questions that can satisfactorily be dealt with using such data. Cross-sectional surveys cannot answer a number of important dynamic questions.

KIDS 1993-1998

With the aim of addressing research questions concerning the dynamics of poverty in South Africa, households surveyed by the PSLSD in KwaZulu-Natal province were re-surveyed from March to June, 1998 by the KwaZulu-Natal Income Dynamics Survey (KIDS). A research consortium including the University of Natal, the University of Wisconsin, and the International Food Policy Research Institute directed the re-survey. The choice of KwaZulu-Natal was in part the result of practical considerations including a confluence of research interests, resources, and the feasibility of locating the households interviewed in 1993.

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[2] According to 1993 codebook, *resident household members*, were defined as i) those who had lived "under this roof for more than 15 days of the last 30 days *and* (ii) when they are together they share food from a common source (i.e., they cook and eat together); *and* (iii) contribute to or share in, a common resource pool (i.e., they contribute to the household through wages and salaries or other cash and in-kind income or they may be benefiting from this income but not contributing to it, e.g., children, and other non-economically active people in the household)." The household was also defined to include *non-resident members* who were those that satisfied conditions ii) and iii) but who needed only to have lived "under this 'roof' or within the same compound/homestead/stand at least 15 days out of the past year." Only information pertaining to the household roster was collected for these members (age, gender, relationship to head, education and so forth).

In terms of population, KwaZulu-Natal is now South Africa's largest province containing 1/5 of a population of approximately 40 million. Though not the poorest province, it is relatively poor despite being relatively urban (42 percent) compared to provinces such as the Eastern Cape (37 percent) and Northern Province (11 percent). It is ethnically diverse: 76 percent of the population are African, 14 percent Indian, 7 percent white and 3 percent coloured. During the mid 1980s and again in the early 1990s there was substantial political unrest and violence in KwaZulu-Natal. Indeed, as a result of political violence and unrest, the first democratic local elections were not held until 1996, a year later than the rest of the country. On balance then, while KwaZulu-Natal should not be considered a typical or representative province, many of the underlying social and economic conditions are similar to those found in other provinces in which a substantial proportion of the population reside in the former homeland areas.

In 1993, the KwaZulu-Natal portion of the PSLSD sample was representative at the province level, conditional on the accuracy of the 1991 census and other information used as the sampling frame, and contained 1558 households of all races. It was decided however, not to re-survey white and coloured households in 1998. While there were minor advantages to retaining these groups, such as the maintenance of overall sample size and the value of sampling all ethnic groups in the province, in fact the sample size of these two sets of households was small (112 white and 53 coloured) precluding comparative ethnic analyses. Moreover the households in these groups are entirely located in a small number of clusters (due to the general lack of spatial integration of the population), which appear to be non-representative at the ethnic group level. Thus the 1998 target sample consisted of 1393 African and Indian households.

To ensure comparability, the 1998 household questionnaire largely followed the 1993 version, though there were some important changes. One of these was a greater focus on individual (as opposed to household) ownership of assets and control over their use so that gender-differentiated analysis is possible. A second underlying change was an expanded emphasis on the set of individuals not living in the household but economically linked to it. Finally, four new sections were added including economic shocks (both positive and negative), social capital (including group membership, kin networks, civic engagement, and trust), assets brought to marriage, and household decisionmaking. The household questionnaire was necessarily quite involved and to ensure data collection accuracy, survey enumerators were trained for over two full weeks including practice interviewing on non-sample households. In

the field, the questionnaire took close to three hours on average to complete, often requiring repeat visits in order to overcome respondent fatigue. To the extent possible, the new sections on economic shocks and social capital were replicated in 69 community level surveys.

Given the various purposes for the study (e.g., income generation, child health, etc.), the identification of "main" decision-makers within households was very important to enable the collection of longitudinal data on them. In 1993, PSLSD recorded a head for each household. The head could be either a resident or a non-resident member of the household and was simply that person designated by the survey respondent to be the household head. The 1993 enumerator training manual offers no additional guidance or criteria for this designation, however. While in many instances it might be correct to assume that this "self-declared household head" corresponds to a main decision-maker, given the cultural diversity and complexity of households in South Africa, this may not always be accurate. For example, in three generation households, the survey respondent might declare the eldest the head but an employed middle aged child is really the primary decision-maker. To capture some of these complexities, an expansion on the self-declared concept was necessary. This was done in an ex-ante fashion, through analysis of the 1993 data, and ex-post during the 1998 survey.

We call these individuals likely to be key decision makers "Core" persons. A household member was designated ex-ante as a Core person if he/she satisfied *any* of the following criteria:

1) A self-declared head of household (from 1993)
2) Spouse/partner of self-declared head of household (from 1993)
3) Lived in a three generation household *and all of the following were true:*
   - Child, child-in-law, or niece/nephew of self-declared head
   - At least 30 years old
   - Have at least one child living in household
4) Spouse/partner of person satisfying criterion (3)

Therefore all heads of households and spouses of heads are automatically included and in some three generation households adult children are included.

Prior to beginning fieldwork, we identified a list of the Core persons in the household (using the criteria above), whom we would target for additional information and tracking purposes. This designation was preprinted on the household roster. We believe this methodology allowed us to miss fewer key decision makers in the household than if we had focused only on

the self-declared heads. In addition, guidelines were provided for designating new core persons to avoid missing other key decision makers in the household (see KIDS 1998 field worker training manual for details).

Another important aspect of the 1998 re-survey is that when possible we tracked, followed, and re-interviewed households who had moved. While the tracking procedures were somewhat more involved (see KIDS 1998 field worker training manual for details), the main elements were that Core persons were to be followed if they had moved and were no longer household members.

The combination of Core persons, of which there were often more than one in an original 1993 household, and tracking movers meant that it was possible for original households to split and for the split-offs to remain in the sample. In the field 1171 (84%) original 1993 households were re-interviewed in 1998 and for 37 of these two (or more) interviews were completed in 1998. As a result, it is possible to analyse the sample as a panel of households (ignoring or possibly recombining the split-off households) or as one of Core persons.

LISTING OF DATA FILES

Data from the Household Questionnaire

Data from the Household Questionnaire (Continued)

Data from the Community Questionnaire

FILENAME	SECTION	PAGES	DESCRIPTION
Cover Page			
COVERA, COVERB	-	1	Characteristics of the interview
Section 1: Economy and Infrastructure			
SEC1	1	3	Economy and Infrastructure
Section 2: Education			
SEC2_1	2.1	4	Primary Schools
SEC2_2	2.2	5	Secondary Schools
Section 3: Health			
SEC3	3	6	Health Facilities and Personnel
Section 4: Agriculture			
SEC4	4	7	Agriculture
Section 5: Shops and Commodity Prices			
SEC5A	5.1	8	Shops
SEC5B	5.2	8-9	Prices
Section 6: Economic Shocks			
SEC6	6	10-11	Community economic shocks
Section 7: Social Capital			
SEC7_1A	7.1	12	Community organizations
SEC7_1B	7.1	13	Characteristics of community organizations
SEC7_2	7.2	14-15	Civic engagement
SEC7_3	7.3	16	Trust
SEC7_4	7.4	17	Violence
Section 8: Program and NGO activity			
SEC8_1	8.1	18	Non-governmental organizations
SEC8_2	8.2	19	Area Projects

Constructed Data From Stata Programs Provided

FILENAME	DESCRIPTION

Expenditure files

FOODEXP.DTA	Total monthly food expenditure
HHXREM	Total remittances sent
NF1X01	Total monthly expenditure on regular non-food items
NF2X02	Total monthly expenditure on occasional non-food items
HHXHOUS	Total monthly housing expenditure
EXPEND98	Total household expenditure as sum of above components

Income files

HHYREG	Household income from regular wage employment
HHYCAS	Household income from casual wage employment
HHYAGR	Household income from agricultural activities
HHYSEMP	Household income from self-employment
HHYREM	Household income from remittances in cash/in-kind
HHYNLAB	Household income from non-labour sources including private and state transfers
HHYHOUS	Imputed rental income
INCOME98	Total household income as the sum of the above components

Miscellaneous files

HHSIZE98	1998 Household size

STATA PROGRAMS

LIST OF PROGRAMS AND CONSTRUCTED DATA FILES

Expenditure Programs:

Program	Purpose	Output
FOODEXP.DO	Total monthly expenditure on food for various food groups and percent food shares using FOODCN	FOODEXP
CLCXREM.DO	Total Remittances sent using REMSENT	HHXREM
CALCNF1X.DO	Total monthly expenditure on regular non-food items using REGEXP	NF1X01
CALCNF2X.DO	Total annual expenditure on occasional non-food items using OCCEXP	NF2X02
CLCYHOUS.DO	Total monthly expenditure on housing, including imputed rental expense (also see below) using HHSERV, HHYREG	HHXHOUS
CLCEXPTL.DO	Total expenditure using all of the above data files	EXPEND98

Household Size Program:

Program	Purpose	Output
HHSIZE.DO	Creates household size variables with and without non-resident members	HHSIZE98

Income Programs:

Program	Purpose	Output
CLCYREG.DO	Household income from regular wage employment using REGEMP	HHYREG
CLCYCAS.DO	Household income from casual wage employment using CASEMP	HHYCAS
CLCYAGR.DO	Household net profit from farming activities, including household labour income using AGPROD, AGTMPWKR, AGPRMWKR, AGINPUT, AGSERV, AGGRZT, AGANIM, AGSUBS, AGOTHER, HHID	HHYAGR
CLCYSEMP.DO	Household income from self-employment using SELFEMP	HHYSEMP
CLCYREM.DO	Household income from remittances in cash and in-kind using REMREC	HHYREM
CLCYNLAB.DO	Household income from non-labour sources, divided into "private" or capital sources and state transfers using NONLABY	HHYNLAB
CLCYHOUS.DO	Imputed rental income derived from owner-occupied housing (also see above) using HHSERV, HHYREG	HHYHOUS
CLCINCTL.DO	Total income using all the above data files	INCOME98

Comments on Notation:

- Missing Values coding:

    -1   Valid missing (e.g., due to skip patter)
    -2   Not applicable
    -3   Refusal
    -4   Did not know / questionnaire blank

- Throughout Yes/No responses are coded as Yes = 1, No = 2

- All monetary values are recorded in Rand

HH Survey Section 1: Household Roster
Cover Page (page 1)
File: HHCOVER

Variable	Question	Code Label
hhid	Household ID	
race	Population Group	*race*
commun	Same community as 1993	*yes_no*
intvwr1	Interviewer code-1st visit	
intvwr2	Interviewer code-2nd visit	
intvwr3	Interviewer code-3rd visit	
intvwr4	Interviewer code-4th visit	
date1	Date of 1st visit	
date2	Date of 2nd visit	
date3	Date of 3rd visit	
date4	Date of 4th visit	
began1	Time began 1st visit	
began2	Time began 2nd visit	
began3	Time began 3rd visit	
began4	Time began 4th visit	
ended1	Time ended 1st visit	
ended2	Time ended 2nd visit	
ended3	Time ended 3rd visit	
ended4	Time ended 4th visit	
supcode	Supervisor code	
hhid93	Household ID in 1993	
hhidqust	Household ID written on 1998 Questionnaire	
split98	(1) if Household Split Interviewed	
triple98	(1) if Triple split	
clustnum	Cluster ID	
year98	(1) if 1998	*year98*

Database Notes:

1. There are 38 split households, 3 of which are triples
2. February date indicate survey begun during pre-testing
3. Anthropometrist code incomplete, variable dropped

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Code Label          Codes
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race:
                                 01 African
                                 02 Coloured
                                 03 Indian
                                 04 White
                                 05 Other

yes_no:
                                 01 yes
                                 02 no

year98
                                 00 1993
                                 01 1998

HH Survey Section 1: Household Roster

Subsections 1.1, 1.2, 1.3, 1.4: Household Members as Listed in 1993 Survey, New Household Members, Non-household Members with Links, Education and Relationships (page 5-13)

File: ROSTER

Variable	Question	Code Label
hhid	Household ID	
pcode	Person code	
head	(1) if Household Head in 1998	
origcore	Pre-Assigned Core Person	
newcore	New Core Person	
relhd93	[pcode] relation to 93 Head	*relation*
gender	Gender - Female=0, Male=1	*gender*
alive98	[pcode] is alive	*yes_no*
yrdeath	If dead, year of death	
age	Current age in years	
lived	Resident 15 days past year	*yes_no*
resident	Resident 15 days past month	*yes_no*
finance	Would give financial help	*yes_no*
activity	Main Activity	*activity*
educ	Highest Education Attained	*educ*
spouse	[pcode] of Spouse	*spouse*
father	[pcode] of Father	*parent*
mother	[pcode] of Mother	*parent*
resmem	(1) if Resident HH Member	
nresmem	(1) if Non-Resident HH Member	
nonmem	(1) if Non-HH Member	
s_n98	Spouse observation number when sorted by hhid and pcode	
f_n98	Father observation number when sorted by hhid and pcode	
m_n98	Mother observation number when sorted by hhid and pcode	
source	Old, New, or Non-Roster	
yrseduc	Estimated years of education	
relhd98	[pcode] relation to 1998 Head	*relation*

Database Notes:

1. -5 indicates individual not identified in 1998
2. Not all new cores chosen correctly but leave as is since likely to be key decision makers
3. Person codes for new and non-members (pcode >= 40) DO NOT represent the same person across split HHs

head:
1. Some HHs have multiple heads and/or non-resident heads

yrseduc:
  1. Constructed from educ treating codes 17, 18 as 0 years, code 11 as 10 years, codes 12, 13, 14, & 21 as 11 years, code 15 as 12 years, code 16 as 14 years, and code 22 as 16 years

relhd98:
  1. This variable is constructed based on the new head and relhd93. Where there are multiple heads, the reference head was chosen based on 1) assigned to 1993 head 2) gender (male) 3) age (oldest)
  2. Some relationships are ambiguous and left as 18=other family

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Code Label	Codes

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relation:

01	resident head
02	absent head
03	partner of head
04	child
05	parent
06	grandchild
07	grandparent
08	parent-in-law
09	child-in-law
10	sibling-in-law
12	sibling
16	HH help
17	lodger
18	other family
19	other

gender:

00	Female
01	Male

activity:

01	Regular Employment
02	Casual Employment
03	Self-Employment
04	Housewife
05	Unemployment
06	Education
07	Retired
08	Other
11	Disabled

educ:

    00 none
    01 sub A – standard 1 (Class1/Grade1 – Standard 1)
    02 standard 2
    03 standard 3
    04 standard 4
    05 standard 5
    06 standard 6
    07 standard 7
    08 standard 8
    09 standard 9
    10 standard 10
    16 completed university degree
    19 other
    21 standard 10 + diploma of any sort (used rather than 11-14)
    22 post graduate

parent:

    88 dead
    99 else

spouse:

    78 not yet married
    79 divorced
    88 dead
    93 multiple spouses
    99 someone else outside household

Variable	Question	Code Label
hhid	Household ID	
pcode	Person code	
mother	Mother of [pcode]	
mlisted	[mother] listed on roster	*yes_no*
malive	[mother] is alive	*yes_no*
magedth	If dead, [mother] death age	
myrdeath	If dead, year of death	
mage	[mother]'s Age in years	
mfinance	[mother] would give $ help	
mactiv	[mother]'s Main activity	*activity*
meduc	[mother]'s Highest Education	*educ*
father	Father of [pcode]	
flisted	[father] listed on roster	*yes_no*
falive	[father] is alive	*yes_no*
fagedth	If dead, [father] death age	
fyrdeath	If dead, year of death	
fage	[father]'s Age in years	
ffinance	[father] would give $ help	
factiv	[father]'s Main activity	*activity*
feduc	[father]'s Highest Education	*educ*

Database Notes:

1. -5 indicates individual not identified in 1998
2. Not all new cores chosen correctly but leave as is since likely to be key decision makers
3. Person codes for new and non-members (pcode >= 40) DO NOT represent the same person across split HHs
4. Person codes for parents not on roster not used elsewhere

Code Label	Codes
educ:	As above
activity:	As above
yes_no:	As above

HH Survey Section 2: Household Services (page 16-17)
File: HHSERV

Variable	Question	Code Label
hhid	Household ID	
material	Main wall material	*material*
rooms_oc	# rooms in the house	
ownship_	Own house	*yes_no*
bond	Bond (mortgage) on house	*yes_no*
bond_owe	Amount still owed on bond	
sale_val	House value now	
pay_rent	Do you pay rent?	*yes_no*
rent_act	Monthly rent paid	
rent_mkt	Estimated monthly rent	
wsource_	Main source drinking water	*wsource*
wfetch	Fetch water daily	*yes_no*
wttrips	Avg # water trips per day	
wttime	Avg time each water trip	
toilet_c	Toilet type	*toi_type*
toilloc_	Where is the toilet?	*toi_loc*
connecte	Electric supply	*yes_no*
woodcoll	Collect wood once per week	*yes_no*
wdtrips	Average # wood trips per week	
wdtime	Average time each wood trip	

Database Notes:

 1. HH 700100 indicated rent deducted from pay but unable to estimate how much

Code Label	Codes

material:

        01 brick
        02 cement
        03 pre-fabricated
        04 corrugated iron
        05 wood
        06 plastic
        07 cardboard
        08 mud/cement
        09 wattle and daub
        10 tile

11 carpet
12 linoleum
13 mud
14 thatch
15 asbestos
16 other

wsource:

01 pipe internal
02 pipe yard tap
03 water carrier/tanker
04 public tap-free
05 public tap-fee
06 borehole
07 rain tank
08 flowing river/stream
09 dam/stagnant water
10 well (non-borehole)
11 protected spring
12 other

toi_type:

01 flush toilet
02 VIP pit latrine with ventilation
03 other pit latrine
04 bucket toilet
05 chemical toilet
06 none

toi_loc:

01 inside dwelling
02 outside dwelling - on stand /compound
03 outside dwelling - off stand/compound

Variable	Question	Code Label
hhid	Household ID	
foodcode	Food item	*foodcode*
purchasd	Value [food] from PURCHASES	
gift	Value [food] from GIFTS	
payment	Value [food] from PAYMENT	
ownprod	Value [food] from OWN PRODN	

Database Notes:

1. HH 730190 eats with sister's HH and contributes R 600 per month

Code Label	Codes

foodcode:

01 maize grain/samp
02 mealie meal/maize flour
03 rice
04 white/brown bread
05 wheat flour
06 breakfast cereal
07 dried peas/lentils/beans
08 potatoes
09 tomatoes
10 madumbes/sweet potatoes/other roots/tubers
11 vegetable oil
12 margarine/butter/ghee/other fats
13 cheese
14 jam
15 fresh milk/sour milk/yoghurt
16 baby formula/milk powder
17 sugar
18 mutton/'beef/pork/goat meat
19 chicken
20 eggs

21 fresh fish
22 tinned fish
23 pumpkin/squash
24 other vegetables
25 bananas
26 apples
27 citrus
28 soft drinks
29 meals prepared outside the home
30 meals given to guests
31 other food expenditure
32 tinned meat
33 tinned fruit
34 meals received as guests

HH Survey Section 4: Non-Food Spending & Assets
Subsection 4.1 Regular Non-Food Spending (page 20)
File: REGEXP

Variable	Question	Code Label
hhid	Household ID	
rnfs_c	Regular non-food item	*rnonfood*
rnfs_a	[rnfs_c] expense past month	

Database Notes:

1. The following households indicated electricity expenses deducted from farm pay but could not estimate: 700010, 700170, 700190, 760020, 760100, 760170

Code Label	Codes

rnonfood:

01 tobacco
02 beer etc
03 entertainment
04 personal
05 newspaper
06 phone
07 petrol
08 transport
09 laundry
10 childcare
11 religion
12 donation
13 servants
14 water +electricity together
15 water alone
16 electricity alone
17 municipal rates
18 energy

HH Survey Section 4: Non-Food Spending
Subsection 4.2: Occasional Non-Food Spending (page 21)
File: OCCEXP

Variable	Question	Code Label
hhid	Household ID	
onfs_c	Occasional non-food item	*ononfood*
onfs_a	[onfs_c] expense past month	

Code Label	Codes

ononfood:

01 kitchen
02 home
03 bedding
04 furniture
07 material
08 doctors
09 hospital
10 medical
11 healer
12 holidays
13 jewelry
14 school fees
15 books
16 other school items
17 life insurance
18 med insurance
19 other insurance
21 child clothing
22 adult clothing
23 ceremony

HH Survey Section 4: Non-Food Spending
Subsection 4.3: Durables (page 22)
File: DURABLE

Variable	Question	Code Label
hhid	Household ID	
durable	Type of durable	*durable*
pcode	Owner of [durable], joint=0	
value	Approximate value [durable]	

Database Notes:

1. In many cases, dead persons or non-household members are indicated as owners of assets
2. HHID=670060 Section 4.3 is blank (not answered) on Questionnaire

Code Label	Codes

*durabl*e:

01 vehicle
02 bicycle
03 radio
04 electric stove
07 fridge
09 geyser etc.
11 phone
12 furniture
13 jewelry
14 tractor
15 farm equipment (pump, plough)
16 Other farm tools
17 other

HH Survey Section 4: Non-Food Spending
Subsection 4.4: Debt (page 23)
File: DEBTEXPR

Variable	Question	Code Label
hhid	Household ID	
lender	Lender	*lender1*
borrow	Borrowed in the past	*yes_no*
gotmuch	Borrowed as much as wanted	*yes_no*
int_rate	Aware of interest rate on loans	*yes_no*
getmuch	Can borrow as much as want	*yes_no*

Code Label	Codes

lender1:

        01 stokvel
        02 bank
        03 $ lender
        04 NGO

HH Survey Section 4: Non-Food Spending
Subsection 4.4: Household Debt (page 24-25)
File: DEBT

Variable	Question	Code Label
hhid	Household ID	
lender	Lender	*lender2*
loanno	Loan # to [lender]	
borrower	Person who got the loan	
initial	Initial amount borrowed	
loandate	Date loan was given	
amtpaid	Amount paid to date	
paiddate	Date loan to be fully repaid	
total	Total amount to be paid	
interest	Average monthly interest	
indefnt	(1) if indefinite due date	

Database Notes:

1. Interest calculations must be used with care since many are unreasonably high
2. In some cases for indefinite period loans, total amount to be repaid was recorded but not possible to calculate monthly interest rate
3. In some cases for definite period loans, interest (or possibly monthly payment) was recorded but unable to calculate total amount
4. Many households indicated a bond but did not record it in debt section
5. HH 620100 refused to answer section 4.4

Code Label	Codes

lender2:

01 friend
02 government agency
03 landlord
04 bank
05 NGO
06 money lender
07 stokvel
08 burial society
09 employer
10 hire purchase
11 shop credit
12 other

HH Survey Section 4: Nonfood Spending and Assets
Subsection 4.5: Household Financial Assets (page 26)
File: FINASSET

Variable	Question	Code Label
hhid	Household ID	
asset	Type of financial asset	*finasset*
pcode	Owner of [asset], joint=0	
value	Approximate value [asset]	

Database Notes:

1. In many cases, non-household members are listed as owners
2. Households 620100, 670130 refused to answer section 4.5

Code Label	Codes

finasset:

01 savings
02 stokvel
03 pension
04 stocks
05 loans
06 other

HH Survey Section 5: Remittances
Subsection 5.1: Remittances Received (page 29)
File: REMREC

Variable	Question	Code Label
hhid	Household ID	
r_sender	Sender pcode, no match=99	
r_residn	Location of Sender	*location*
r_recvr	Receiver pcode, joint=0	
r_relat	Sender relation to Receiver	*relation*
r_cash_t	# times cash received year	
r_cash_y	Total cash received year	
r_cash_m	Total cash received month	
r_inkind	# times in-kind received yr	
r_inkin1	Total in-kind received year	
r_inkin2	Total in-kind received month	

Code Label	Codes

location:

- 01 Gauteng
- 02 Durban
- 08 PieterMaritzberg
- 19 Foreign Country
- 20 Other
- 21 Same Community
- 22 Urban KZN
- 23 Rural KZN
- 24 Urban SA
- 25 Rural SA

relation:

- 03 partner
- 04 child
- 05 parent
- 06 grandchild
- 07 grandparent
- 08 parent-in-law
- 09 child-in-law
- 10 sib-law
- 12 sibling
- 17 lodger
- 18 other family
- 19 other

Variable	Question	Code Label
hhid	Household ID	
s_recvr	Receiver pcode, joint=0	
s_residn	Location of Sender	*location*
s_sender	Sender pcode, no match=99	
s_relat	Receiver relation to Sender	*relation*
s_cash_t	# times cash sent year	
s_cash_y	Total cash sent year	
s_cash_m	Total cash sent month	
s_inkind	# times in-kind sent yr	
s_inkin1	Total in-kind sent year	
s_inkin2	Total in-kind sent month	

Database Notes:

1. HHID 62014 lent apartment rent free to pcode 61

Code Label	Codes
location:	As above
relation:	As above

HH Survey Section 6: Household Income from Non-Employment Sources (page 33)
File: NONLABY

Variable	Question	Code Label
hhid	Household ID	
source_c	Non-Employment income source	*ysource*
pcode	Person Code	
amt_rec	Month income from [source]	

Database Notes:

1. Some individuals report receiving OAP despite reporting age below requirement (60 for women, 65 for men)
2. Interest earnings appear to be underreported compared with financial assets section

Code Label   Codes

ysource:

01 old age pension
02 work pension
04 disability grant (18 and over)
06 workmen's compensation
07 interest earnings
08 Unemployment Insurance fund
10 inheritance
11 government supplementary food scheme
12 other
13 private retirement annuity
14 retirement gratuity/package
15 state maintenance grant for parents of children
16 care dependency grant (under 18)
17 foster care grant
18 war veterans aid

HH Survey Section 7: Economic Shocks
Subsection 7.1: Negative Economic Shocks (page 34)
File: NEGSHK

Variable	Question	Code Label
hhid	Household ID	
shock	Shock code	*shock*
year	Year shock occurred	
duration	Number of months,ongoing=99	
income_d	Decrease in monthly income	
expense	Expenses incurred	
itmvalue	Value of item(s) lost	
sellasst	Response : Sold assets	*yes_no*
borrow	Response: Borrow	*yes_no*
outschl	Response : Kids from school	*yes_no*
gethelp	Response : Informal help	*yes_no*
insuranc	Response : Insurance	*yes_no*

Database Notes:
 1. Postcoded accident as negative shock = 12
 2. Not all deaths on roster are reported as shock to household and deaths reported here for non-household (but family) members
 3. HH 640040 had divorce with expenses and items lost

Code Label	Codes
shock:	01 death
	02 illness
	03 lose job
	04 cutoff or decrease in remittances
	05 cutoff or decrease in government grant
	06 abandonment or divorce
	07 theft
	08 crop failure
	09 livestock
	10 bankrupt
	11 other bad
	12 accident
	13 new job
	14 new or increased remittances
	15 new or increased government grant
	16 inheritance, large gift, lottery
	17 firm payment
	18 scholarship
	19 other good shock

HH Survey Section 7: Economic Shocks
Subsection 7.2: Positive Economic Shocks (page 35)
File: POSSHK

Variable	Question	Code Label
hhid	Household ID	
shock	Shock code	*shock*
year	Year shock occurred	
duration	Number of months, ongoing=99	
income_i	Increase in monthly income	
valuercv	Value of item(s) received	

Code Label	Codes
shock:	As above

HH Survey Section 8: Social Capital
Subsection 8.1: Membership in Organizations (page 36)
File: SOCKIMB

Variable	Question	Code Label
hhid	Household ID	
group	Organization	*group*
pcode	Person code	
in93	In [organization] in 1993	
in98	In [organization] in 1998	

Code Labels	Codes

group:

01 stokvel
02 burial society
03 community garden
04 farmer's association
05 sewing
06 sports
07 study
08 singing or music
09 African Independent Church (AIC)
10 other church
11 youth
12 traders
13 men's association
14 women's association
15 school committee
16 water committee
17 development committee
18 Tribal Authority
19 other

HH Survey Section 8: Social Capital
Subsection 8.1: Membership in Community Organizations (page 37)
File: SOCKGR

Variable	Question	Code Label
hhid	Household ID	
group	Organization	*group*
pcode1	Member 1 person code	
pcode2	Member 2 person code	
composit	Gender composition of org	*sexmix*
fee_join	Joining fee	
mnthfee	Monthly fee	
org_yrs	Years since org started	*orgyear*
yrsmembr	Years belonging to org	
fine	Type of fine if break rules	*fine*
meet98	Meetings attended in 1998	*attend*
meet93	Meetings attended in 1993	*attend*
perf98	Performance of org in 1998	*perform*
perf93	Performance of org in 1993	*perform*

Database Notes:

1. Some individuals listed as being members more than 5 years contradicting their indicating they were not members in 1993
2. Duplicate observations at the group level indicate either separate memberships by household members or different groups by same member

Code Label	Codes
group:	As above
sexmix:	
	01 male only
	02 female only
	03 male and female
orgyear:	
	01 0-5 years
	02 6-20 years
	03 > 20 years

fine:

01 leave
02 fine
03 nothing

attend:

01 none
02 few
03 some
04 many
05 all

perform:

01 very weak
02 weak
03 average
04 strong
05 very strong

HH Survey Section 8: Social Capital
Subsection 8.2: Civic Engagement and Networks (page 38)
File: SOCKCE

Variable	Question	Code Label
hhid	Household ID	
pcode	Person code	
vote	Voted in natlional and local elections	*vote*
mtgs98	Attend community meetings in 98	*attend*
mtgs93	Attend community meetings in 93	*attend*
news98	Listen to news in 98	*yes_no*
news93	Listen to news in 93	*yes_no*
newspr98	Read newspaper in 98	*yes_no*
newspr93	Read newspaper in 93	*yes_no*
family	# families feel close to	
yrcame	Year 1st family member came	

Database Notes:

1. Some individuals are dead, therefore 1998 info is valid missing.

Code Label	Codes
vote:	
	01 both
	02 national
	03 local
	04 neither
attend:	
	01 none
	02 few
	03 some
	04 many
	05 all

Variable	Question	Code Label
hhid	Household ID	
safety_h	Feel safe in the home	*safe*
assaultm	Assault by other HH member	*yes_no*
assaultn	Assault by non HH member	*yes_no*
robbery	Robbery	*yes_no*
rape	Rape	*yes_no*
murder	Murder	*yes_no*
kidnap	Kidnap	*yes_no*
othcrime	Other crime	*yes_no*

Database Notes:
 1. HH 2280110 did not answer (blank page)

Code Label	Codes

safe:

01 more
02 same
03 less

HH Survey Section 9: Agriculture

Subsection 9.1.1: Agricultural Activities over the last 12 months (page 40)

File: AGTUSE

Variable	Question	Code Label
hhid	Household ID	
plot_no	Plot Number	
plot_sze	Plot Size in [plotunit]	
plotunit	Plot Size Unit	*plotunit*
plotsize	Plot Size in Hectares	
irrigate	Is Plot Irrigated ?	*yes_no*
fence	Can HH fence plot ?	*yes_no*
access	Mode of Access to Plot	*access*
owner	Owner of Plot	
tit_deed	Does HH have Title Deed	*yes_no*
sell	Can HH Sell Plot ?	*yes_no*
sellval	Sale Value of Plot	

Database Notes:

plotsize:
  1. Conversion assuming 1 soccer field = 0.5 hectares.

Code Label	Codes

access:
  - 01 own
  - 02 allocate
  - 03 rent
  - 04 employer
  - 05 informal
  - 06 communal
  - 07 other

plotunit:
  - 01 soccer field
  - 02 hectare
  - 03 acre
  - 04 meters squared
  - 05 other

HH Survey Section 9: Agriculture
Subsection 9.1.1: Agricultural Activities over the last 12 months (page 41)
File: AGTACC

Variable	Question	Code Label
hhid	Household ID	
add_size	Size additional land avail	
sizec	Size Code additional land	*plotunit*
n_size	Size severe need land avail	
n_sizec	Size Code severe need land	*plotunit*

Database Notes:
1. Data do not appear to be useful with only 35 nonzero values

Code Label	Codes

plotunit:

01 soccer field
02 hectare
03 acre
04 meters squared
05 other

HH Survey Section 9: Agriculture
Subsection 9.1.2: Agricultural Activities over the last 12 months (page 42-43)
File: AGPROD

Variable	Question	Code Label
hhid	Household ID	
crop	Crop	*crop*
who	Who makes [crop] decisions ?	
harvest	Harvest past 12 months ?	*yes-no*
gets	Who gets sale proceeds ?	
unit	[crop] unit	*cropunit*
unithrv	[units] [crop] Harvested	
unitsold	[units] [crop] Sold	
avgprice	Average Price per [unit]	
unitlab	[units][crop] paid to labour	
unitland	[units] [crop] paid to land	

- -

Database Notes:
  1. Estimated price was not correctly administered, therefore dropped
  2. Some HHs report agricultural production but no land in AGTUSE. They are 2050090, 2070060, 2070090, 2080040, 2170110, & 2320190

who:
  1. Some decision makers died in 97 or 98 so plausibly made decisions regarding the crop in question

avgprice:
  1. in some cases it seems total sales were recorded; in other cases where units (containers) exceeded 1 kilo but whose weights were still expressed in kilos, it seems that price per kilo was sometimes used instead of price/unit

- -

Code Label	Codes

crop:

01 Maize grain
02 Maize fresh
03 Sorghum
04 Wheat
05 Potatoes
06 Orchard fruit
07 Bananas

08 Grapes
09 Dry beans
10 Pumpkins
11 Green veggies
12 Millet
13 Madumbe
14 Peanuts
15 Tomatoes
16 Onion
17 Sugar cane
18 Other veggies
19 Pasture crops
20 Commercial Flowers
21 Imifino
22 Cotton
23 Other
24 Dagga

cropunit:

01 Kg
02 10 Kg
03 25 Kg
04 50 Kg
05 80 Kg
06 ton
07 box
08 25 litre
09 piece
10 basin
11 bunch
12 other
13 20 litre
15 10 litre
16 5 litre

HH Survey Section 9: Agriculture
Subsection 9.1.3: Agricultural Inputs & Temporary Hired Labour (page 43)
File: AGHYV

Variable	Question	Code Label
hhid	Household ID	
current	Currently use Hybrid Maize	*hybrid*
past	Used Hybrid Maize 5 yrs ago	*hybrid*

Database Notes:

  1. Missing HHs do not report growing any maize

current:
  1. Some HHs indicate NO=2 although do not report growing any maize

----
Code Label   Codes
----

hybrid:

         01 yes
         02 no
         03 no maize

Variable	Question	Code Label
hhid	Household ID	
numwkr	Number of Workers	
dayswrk	Days Worked by Each	
wage	Daily cash wage paid	
meals	Meals	

Database Notes:
1. Some HHs have multiple observations

Variable	Question	Code Label
hhid	Household ID	
input	Type of input	*aginput*
value	Value of input	

Code Label	Codes

aginput:

01 ploughing
02 seed
03 fertilizer
04 sprays,
05 gristing/milling
06 transport
07 petrol
08 other

HH Survey Section 9: Agriculture

Subsection 9.1.3: Agricultural Inputs & Temporary Hired Labour (page 45)

File: AGSERV

Variable	Question	Code Label
hhid	Household ID	
received	Amount Cash Loans Received	
value	Value Services on Credit	
rents	Cash Land Rent Paid	
land	Land Taxes Paid	
letting	Cash Land Rent Received	
in_kind	In Kind Land Rent Received	
providin	Payments Received other Services	

Database Notes:
1. Data do not appear to be useful

Variable	Question	Code Label
hhid	Household ID	
plot_no	Plot Number	
grazefee	Rent/Grazing Fee Paid	
access	Mode of Access to Plot	*grzacces*
size	Plot Size	
plotunit	Plot Size Unit	*plotunit*
owner	Owner of Plot	
sell	Can HH Sell Plot ?	*yes_no*
sellval	Sale Value of Plot	
tit_deed	Does HH have Title Deed	*yes_no*
fence	Can HH fence plot ?	*yes_no*
rent	Rent received	

Code Label	Codes

grzacces:

01 private
02 communal
03 rented
04 occupied
05 other

plotunit:

01 soccer field
02 hectare
03 acre
04 meters squared
05 other

Variable	Question	Code Label
hhid	Household ID	
animcode	Animal	*animcode*
own	Number [animals]	
born	Number born	
sold	Number sold	
sellpric	Sell price per [animal]	
buy	Number bought	
buyprice	Buy price per [animal]	
slaughte	Slaughtered own consumption	
died	Died, disappeared, stolen	
feedexp	Feed expenses	
vetexp	Veterinary expenses	

Database Notes:
died:
  1. Although shaded in, deaths and theft reported for poultry

Code Label	Codes

animcode:

01 cattle
02 sheep
03 goats
04 pigs
05 horses
06 donkey
07 poultry
08 other

HH Survey Section 9: Agriculture
Subsection 9.3: Other Animal Products (page 48)
File: AGOTHER

Variable	Question	Code Label
hhid	Household ID	
product	Type of Product	*product*
months	Number Months Production	
avgprod	Avg Monthly Product	
unit	Unit of Measurement	*animunit*
avgsell	Avg [units] Sold Monthly	
avgprice	Price per unit sold	
avglab	Avg [units] Paid Labour	
estprice	Estimated Price per [unit]	

- -

Database Notes:

estprice:
  1. Appears to refer to total sales in some cases rather than price per unit

- -

Code Label	Codes

- -

animunit:

01 Kg
02 10 Kg
03 25 Kg
04 50 Kg
05 80 Kg
06 ton
07 box
08 25 litre
09 piece
10 basin
11 bunch
12 other
13 dozen
14 litres

product:

01 eggs
02 milk
03 butter
04 dairy
05 honey
06 hides
07 wool
08 other

HH Survey Section 9: Agriculture
Subsection 9.4: Temporary Labour Employed to help with Livestock Activities (page 49)
File: AGGRZWKR

Variable	Question	Code Label
hhid	Household ID	
numwkr	Number of Workers	
dayswrk	Days Worked by Each	
wage	Daily cash wage paid	
meals	Meals	

Database Notes:

1. Only 6 observations, data do not appear to be very useful

Subsection 9.5: Other Farming Income & Permanent Farm Workers (page 50)
File: AGPRMWKR

Variable	Question	Code Label
hhid	Household ID	
numwkr	Number of Workers	
months	Months Worked by Each	
salary	Monthly cash wage paid	
benefits	Meals and Lodging	

Database Notes:

1. Only 8 observations, data do not appear to be very useful

HH Survey Section 9: Agriculture
Subsection 9.5: Other Farming Income & Permanent Farm Workers (page 50)
File: AGSUBS

Variable	Question	Code Label
hhid	Household ID	
subsidy	Did HH receive subsidy ?	*yes_no*
valsub	Value of subsidy	
receive	Did HH Receive Other ?	*yes_no*
amount	Value of Other	
describe	Describe Other	

Database Notes:

1. Only 3 observations, data do not appear to be very useful

Variable	Question	Code Label
hhid	Household ID	
pcode	Person Code	
hrswrk	Hours worked last week	
more_wor	Prefer more work	*yes_no*
w_wage_l	Min wage casual work	
time_spe	Hrs spent looking for job	
reason_n	Reason for not looking	*lookwork*

Database Notes:

  1. No individuals under age 15 report casual labor, a probable mistake in field work due to the age cut-off in the previous sections

hrswrk:
  1. Hours worked > 84 (=7 days x 12 hours) verified
  2. Some individuals report activity as regularly employed but report hours worked = 0, a subset of those indicated on holiday / sick leave / short time
  3. Some individuals report activity as unemployed but report hours > 0

w_wage_l:
  1. In most cases this is zero when not looking for work, these should be interpreted as not applicable

Code Label	Codes

lookwork:

01 employed
02 no jobs
03 illness
04 physically disabled
05 mentally disabled
06 housewife
07 school
08 retired
09 other

HH Survey Section 10: Employment
Subsection 10.2: Regular Employment (page 53-54)
File: REGEMP

Variable	Question	Code Label
hhid	Household ID	
pcode	Person code	
k_occ_c	Occupation	*cocc*
k_emplyr	Employer type	*cbus*
k_sector	Economic sector	*csector*
k_hours	Hrs work average day	
k_overti	Hrs paid overtime past week	
p_paytyp	Pay period	*payper*
p_netpay	Take home pay last period	
p_deduct	Amount deducted last period	
p_grossp	Gross pay last period	
p_bonus	Bonus past year	
subs_t	Transport subsidy	
subs_f	Food/meals subsidy	
subs_h	Housing subsidy	
subs_tu	Union member	*yes_no*
equipval	Self-employed equipment value	

Database Notes:

1. Reported gross pay, deductions, and takehome pay do not always add up, in part due to taxes
2. There were a large number of refusals wrt pay

subs_h:
 1. subs_h >=1000 checked; not data entry errors; it is possible it is the value of the house which was recorded in some cases

Code Label	Codes

payper:

01 weekly
02 biweekly
03 monthly

cocc:

03 clerical
04 transport
05 service

07 artisan
08 mining
09 operator
10 labourers
11 other
12 profess
13 technical
14 manager
15 admin

cbus:

01 national government
02 provincial government
03 local government
04 public corporation
05 private sector employer
06 non-profit institution
07 self-employment
08 housework
09 other

csector:

01 agriculture
02 mining
03 manufacturing
04 utility
05 construction
06 retail
07 entertainment
08 transport
09 finance
10 education
11 medical
12 legal
13 domestic
14 army
15 services
16 other

HH Survey Section 10: Employment

Subsection 10.3: Wage Work: Casual or Temporary (page 57)

File: CASEMP

Variable	Question	Code Label
hhid	Household ID	
pcode	Person code	
jobno	Job Number	
occupatn	Occupation	*cocc*
dayswrk	Days worked past month	
hours_v	Hours worked on avg day	
cash_pai	Cash pay past month	
food_ben	In kind pay past month	
benefit_	Other pay past month	
value_eq	Total value of equipment	

Code Label	Codes
cocc:	As above

HH Survey Section 10: Employment
Subsection 10.4: Other Forms of Self-Employment (page 59)
File: SELFEMP

Variable	Question	Code Label
hhid	Household ID	
business	Business	*self_emp*
mcode1_c	Person code - 1	
mcode2_c	Person code - 2	
mcode3_c	Person code - 3	
grtime_1	Total time devoted past month	
grsales_	Gross revenues past month	
expen_1	Expenses past month	
equipval	Value of equipment	
owner	Owner of equipment	

Code Label	Codes

self_emp:

01 shopkeeper
02 vendor
03 shebeen operator
04 herbalist
05 tailor
06 shoes
07 healer
08 transport
09 taxi
10 food
11 weaving
12 construction
13 wood
14 child care
15 artisan
16 other
17 profess
18 clerical
20 service
21 entertainment
22 manufacturing
23 other

HH Survey Section 11: Health

Subsection 11.1: Health of all Resident Household Members (page 61)

File: HEALTH

Variable	Question	Code Label
hhid	Household ID	
pcode	Person Code	
days_sic	Days sick in past 14 days	
days_out	Days unable to work past 14	
sick	Still sick	*yes_no*
consult	Who was consulted	*consult*
time_get	Travel time treatment - Min	
time_tre	Wait time treatment - Min	
charge	Total expense for treatment	

Code Label	Codes

consult:

01 no-one
02 friend
03 doctor
04 healer
05 clinic
06 hospital
07 health worker
08 pharmacy
09 shop
10 nurse
11 other

HH Survey Section 11: Health
Subsection 11.2: Pregnancy and Child Health (page 62)
File: PREG

Variable	Question	Code Label
hhid	Household ID	
pcode	Person Code	
preg_no	Number of pregnancies	
no_birth	Number times given birth	
livebrth	Number of live births	
no_alive	Number children still alive	
numbrth5	Total # born last 5 years	
numaliv5	# born alive last 5 years	
preg_now	[pcode] is pregnant	*yes_no*
age_youn	Age of youngest child	

Database Notes:

1. Some women 50 and over responded
2. Pregnancy history not always consistent with roster information

HH Survey Section 11: Health
Subsection 11.3: Core Person Health Status (page 63)
File: CORHLTH

Variable	Question	Code Label
hhid	Household ID	
pcode	Person Code	
health	Health status	*status*
health4y	Health status 4 yrs ago	*change*
carryhvy	DLA - Carry heavy object	*diff*
walk5km	DLA - Walk 4 km	*diff*
heavyact	DLA - Vigorous activity	*diff*

Database Notes:

1. HH=2050150 pcode=2 mentally disabled
2. HH=2260240 pcode=1 in hospital

Code Label	Codes

status:

    01 excellent
    02 very good
    03 good
    04 fair
    05 poor

change:

    01 much better
    02 better
    03 same
    04 worse
    05 much worse

diff:

    01 easily
    02 hard
    03 unable

Variable	Question	Code Label
hhid	Household ID	
pcode	Person code	
food1	HH decision - Food Expenditure 1	
food2	HH decision - Food Expenditure 2	
food3	HH decision - Food Expenditure 3	
foodfin	HH decision - Food Expenditure Final	*equal*
food93	HH decision - Food Expenditure 1993	
dura1	HH decision - Durable 1	
dura2	HH decision - Durable 2	
dura3	HH decision - Durable 3	
durafin	HH decision - Durable Final	*equal*
dura93	HH decision - Durable 1993	
school1	HH decision - School 1	
school2	HH decision - School 2	
school3	HH decision - School 3	
schoolfi	HH decision - School Final	*equal*
med1	HH decision - Kid Health 1	
med2	HH decision - Kid Health 2	
med3	HH decision - Kid Health 3	
medfin	HH decision - Kid Health Final	*equal*
lvstk1	HH decision - Livestock 1	
lvstk2	HH decision - Livestock 2	
lvstk3	HH decision - Livestock 3	
lvstkfin	HH decision - Livestock Final	*equal*
crop1	HH decision - Crops 1	
crop2	HH decision - Crops 2	
crop3	HH decision - Crops 3	
cropfin	HH decision - Crops Final	*equal*
fp1	HH decision - Family Planning 1	
fp2	HH decision - Family Planning 2	
fp3	HH decision - Family Planning 3	
fpfin	HH decision - Family Plan Final	*equal*
safeout	Feel safe outside home	*safe*
extfam	Trust extended family 98	*trust*
extfam93	Trust extended family 93	*trust*
nbr	Trust neighbors in 98	*trust*
nbr93	Trust neighbors in 93	*trust*

Variable	Question	Code Label
leader	Trust local leaders 98	*trust*
leader93	Trust local leaders 93	*trust*
govoff	Trust government officials 98	*trust*
govoff93	Trust government officials 93	*trust*
strang	Trust strangers in 98	*trust*
strang93	Trust strangers in 98	*trust*
media	Trust media in 98	*trust*
media93	Trust media in 93	*trust*
ngovkp	Trust national government promises 98	*trust*
ngovkp93	Trust national government promises 93	*trust*
ngovsp	Trust national government serve poor 98	*trust*
ngovsp93	Trust national government serve poor 98	*trust*

Code Label	Codes

equal:

00 equal

safe:

01 more
02 same
03 less

trust:

01 none
02 low
03 medium
04 high
05 complete

HH Survey Section 13: Assets to Marriage (pages 74-79)
File: ASSMAR

Variable	Question	Code Label
hhid	Household ID	
husband	Husband person code	
wife	Wife person code	
year	Year co-residence began	
lobola	Lobola agreement ?	*yes_no*
lobcash	Lobola payment - Cash	
lobcatnu	Lobola payment - # Cattle	
lobcatt	Lobola payment - Cattle	
loblvstk	Lobola payment - Livestock	
lobland	Lobola payment - Land	
lobfood	Lobola payment - Food	
lobjewel	Lobola payment - Jewelry	
lobother	Lobola payment - Other	
paidthen	Lobola paid before co-reside	*yes_no*
paidnow	Lobola paid after co-reside	*yes_no*
paidyear	Yr lobola paid after co-res	
owed	Amount lobola still owed	
umbondo	Umbondo payment ?	*yes_no*
umbcash	Umbondo payment - Cash	
umbcatnu	Umbondo payment - # Cattle	
umbcatt	Umbondo payment - Cattle	
umblvstk	Umbondo payment - Livestock	
umbland	Umbondo payment - Land	
umbfood	Umbondo payment - Food	
umbjewel	Umbondo payment - Jewelry	
umbother	Umbondo payment - Other	
wf_alive	Wife father alive @ union	*yes_no*
wm_alive	Wife mother alive @ union	*yes_no*
hf_alive	Husband father alive @ union	*yes_no*
hm_alive	Husband mother alive @ union	*yes_no*
numbroth	# brothers of bride @ union	
wifesave	Before union wife: Savings	*yes_no*
wifecatt	Before union wife: Cattle	*yes_no*
wifelvst	Before union wife: Livestock	*yes_no*
wifeland	Before union wife: Land	*yes_no*
wifejewl	Before union wife: Jewelry	*yes_no*
wifeappl	Before union wife: Appliance	*yes_no*
wifecar	Before union wife: Car	*yes_no*

Variable	Question	Code Label
hussave	Before union husb: Savings	*yes_no*
huscatt	Before union husb: Cattle	*yes_no*
huslvst	Before union husb: Livestock	*yes_no*
husland	Before union husb: Land	*yes_no*
husjewl	Before union husb: Jewelry	*yes_no*
husappl	Before union husb: Appliance	*yes_no*
huscar	Before union husb: Car	*yes_no*
walive	Wife alive	*yes_no*
halive	Husband alive	*yes_no*
divorced	(1) if Divorced	

Database Notes:

1. Some individuals over age 60 responded
2. Many couples were mistakenly excluded since they were not formally married
3. Dates before 1960 are estimated RAND since pounds were in use then

HH Survey Section 13: Assets to Marriage (pages 74-79 N13)
File: GIFTMAR

Variable	Question	Code Label
hhid	Household ID	
husband	Husband person code	
wife	Wife person code	
gift	Gift type	*gift*
donor	Gift donor	*source*
giftyr	Gift year received	
giftval	Gift value	

Database Notes:

1. Dates before 1960 are estimated RAND since pounds were in use then

Code Label	Codes

gift:

```
01  cash
02  cattle
03  livestock
04  land
05  food
06  jewelry
07  other
09  blanket
10  house wares
11  clothes
12  car
```

source:

```
00  from Both
01  from Husband
02  from Wife
```

Variable	Question	Code Label

The instructions for this section were amended during the survey and adults who were also parents of children in the household were to be weighed.

hhid	Household ID	
pcode	Person code	
gender	Gender - Female=0, Male=1	*gender*
weight	Weight (kg)	
height	Height (cm)	
bmi	bmi-weight(kg)/height-squared (m)	

Database Notes:
  1. Instructions were altered so that adult parents were also measured

bmi:
  1. Use with care since many values outside plausible ranges

----

Code Label	Codes

----

gender:

00 Female
01 Male

Variable	Question	Code Label

In addition to variables collected, this file includes z-score calculations using weight, height, and age based on CDC Anthro program (Version 1.01). Flags are included and MUST be considered in any analysis using the z-scores.

hhid	Household ID	
pcode	Person code	
haz	Height-for-Age z-score	
waz	Weight-for-Age z-score	
whz	Weight-for-Height z-score	
flag	CDC anthro program flag	*anthflag*
gender	Gender - Female=0, Male=1	*gender*
date_bir	Birth date	
source_b	Source of birth date	*source_b*
breastfe	Currently breastfeeding	*yes_no*
weaned	Age when weaned (months)	*duration*
weight	Weight (kg)	
height	Height (cm)	
datew	Interview date for anthropometric measurement	
ageyr	Exact age from birth date	

Database Notes:

 1. Variable flag is constructed by CDC anthro program, values of 7 with all measures flagged were dropped from data set
 2. Children less than 6 months old not included

Code Label	Codes

anthflag:

00 none of indices flagged
01 haz flagged but not whz or waz
02 whz flagged but not haz or waz
03 haz and whz both flagged but not waz
04 waz flagged but not haz or whz

05 haz and waz flagged but not whz
06 whz and waz flagged but not haz
07 All three indices flagged

gender:

0 Female
1 Male

source_b:

01 clinic card
02 road to health card
03 baptismal certificate
04 reported by mother
05 reported by other person
06 school card
07 birth certificate
08 other

duration:

99 ongoing

Variable	Question	Code Label
hhid	Household ID	
section1	Section 1 main respondent	
section3	Section 3 main respondent	
sect4_1	Section 4.1 main respondent	
sect4_2	Section 4.2 main respondent	
sect4_3	Section 4.3 main respondent	
sect4_5	Section 4.5 main respondent	
section6	Section 6 main respondent	
sect10_4	Section 10.4 main respondent	

Community Survey: Cover Page
File: COVERA

Variable	Question	Code Label
clustnum	Cluster ID	
date	Date of Interview	
supcode	Supervisor code	

Community Survey: Cover Page
File: COVERB

Variable	Question	Code Label
clustnum	Cluster ID	
persnum	Informant ID	
role	Informant's Community Role	
occpn	Informant's Occupation	
age	Informant's Age	
gender	Informant's Gender-F=0, M=1	*gender*
educ	Informant's Education	*educ*

Code Label	Codes
gender:	As above
educ:	As above

Variable	Question	Code Label
clustnum	Cluster ID	
roadtype	Main type of roads	*roadtype*
road_imp	Do roads become impassable?	y*es_no*
duration	Number months roads impassable	
post	Number of Post Offices	
post_d	Dist nearest Post Office (km)	
bank	Number of Banks	
bank_d	Dist nearest Bank (km)	
mktday	Number of Daily Markets	
mktday_d	Dist nearest Daily Market (km)	
mktper	Number of Periodic Markets	
mktper_d	Dist nearest Periodic Market-km	
phone	Number of Public Phones	
phone_d	Dist nearest Public Phone (km)	
wphone	Number of Working Public Phones	
wphone_d	Dist nearest Working Pub Phone	
distroad	Dist nearest Main road (km)	
tranfreq	Frequency of Common Transport	*tranfreq*

Database Notes:

1. Must use number of facilities serving community and distance together
2. Despite instructions, a common mistake in this section is that when no facilities serving the community were identified, distance to nearest was not recorded (-4)

duration:
1. Duration question not well defined, often responded 'whenever it rains'

mktper:
1. Periodic market not well defined

Code Label	Codes

----

roadtype:

01 Tarred
02 Dirt/Gravel
03 Both
04 None
05 Other

tranfreq:

01 Hourly
02 4 times / day
03 2 times / day
04 1 time / day
05 Less then daily

Community Survey Section 2: Education
Section 2.1: Primary Education (page 4)
File: SEC2_1

Variable	Question	Code Label
clustnum	Cluster ID	
psch_num	Number of Area Schools	
schoolno	School number	
dist	Distance to School (km)	
type	Type of School	*type*
sexmix	Sex composition of school	*sexmix*
rooms	Number of classrooms	
high_std	Highest standard	
students	Number of students	
teachers	Number of teachers	
built	Year school built	

Database Notes:

1. Old dates probably refer to when school first in area
2. No info for cluster 196 assumed same as neighboring 197

Code Label	Codes

type:

      01 Government
      02 Private

sexmix:

      01 Male
      02 Female
      03 Both

Community Survey Section 2: Education
Subsection 2.1: Secondary Education (page 5)
File: SEC2_2

Variable	Question	Code Label
clustnum	Cluster ID	
ssch_num	Number of Area Schools	
schoolno	School number	
dist	Distance to School (km)	
type	Type of School	*type*
sexmix	Sex composition of school	*sexmix*
rooms	Number of classrooms	
high_std	Highest standard	
students	Number of students	
teachers	Number of teachers	
built	Year school built	
adultlit	Adult Education in last 5 yrs	*yes_no*

Database Notes:

1. Clusters 80, 217 & 218 have little/no information on secondary schools

Code Label	Codes

type:

01 Government
02 Private

sexmix:

01 Male
02 Female
03 Both

Variable	Question	Code Label
clustnum	Cluster ID	
pubh	Number of Public Hospitals	
pubh_d	Dist nearest Public Hosp (km)	
pvth	Number of Private Hospitals	
pvth_d	Dist nearest Private Hosp (km)	
disp	Number of Dispensaries	
disp_d	Dist nearest Dispensary (km)	
pharm	Number of Pharmacies	
pharm_d	Dist nearest Pharmacy (km)	
mat	Number of Maternity Homes	
mat_d	Dist nearest Maternity Home(km)	
clinic	Number of Clinics	
clinic_d	Dist nearest Clinic (km)	
fpclin	Number of FP Clinics	
fpclin_d	Dist nearest FP Clinic (km)	
healer	Number of Trad Healers	
healer_d	Dist nearest Trad Healer (km)	
pvtdoc	Number of Private Doctors	
pvtdoc_d	Dist nearest Private Doctor(km)	
fpwkr	Number of FP Workers	
fpwkr_d	Dist nearest FP Worker (km)	
otherhs	New Hlth Service or Personnel?	*yes_no*
otherhsn	Specify Hlth Service/Personnel	
newhs	New Hlth Facility?	*yes_no*
immuniz	Immunization Campaign in 5 yrs	*yes_no*

Database Notes:

1. Cluster 210 missing from questionnaire
2. Must use number of facilities serving community and distance together
3. Despite instructions, a common mistake in this section is that when no facilities serving the community were identified, distance to nearest was not recorded (-4)

Variable	Question	Code Label
clustnum	Cluster ID	
agexten	Govt Agric Extension Agent?	*yes_no*
agfreq	Frequency of Agric Extension	*agfreq*
agsexmix	Sex composition of Agric Agents	*sexmix*
rainfall	Rainfall more/less last year	*rainfall*
landask	Ask Local Authority for Land	*yes_no*
landrent	Rent Land	*yes_no*
rentpay	Land Rent per season (Rand)	
landoth	Other means to access Land	*yes_no*
mwage	Male Daily Wage (Rand)	
wwage	Female Daily Wage (Rand)	

Database Notes:

1. Clusters 64, 65, 66, 67, 68, 69, 73 & 77 missing from questionnaire but are urban
2. Values for missing clusters are missing rather than (-4)
3. Some daily wages seem unrealistically low

Code Label	Codes

sexmix:

01 Male
02 Female
03 Both

agfreq:

01 Monthly
02 Season
03 Yearly

rainfall:

01 More
02 Less
03 Same

Variable	Question	Code Label
clustnum	Cluster ID	
shop1	Where does community shop?	*shoptype*
shop2	Where does community shop?	*shoptype*
shop3	Where does community shop?	*shoptype*

Code Label	Codes

shoptype:

01 Supermarket
02 Department Store
03 Community Shop/spaza
04 Vendor
05 Vegetable Market
06 Meat Market
07 Other

Variable	Question	Code Label

- -

clustnum	Cluster ID	
fcode	Food item	*fcode*
pricel	Local Price (Rand)	
unitl	Local unit	
upricel	Local Unit Price (Rand)	
pricet	Formal/Town Price (Rand)	
unitt	Formal unit	
upricet	Formal/Town Unit Price (Rand)	

- -

Database Notes:
1. Formal prices for clusters 231 & 235 are the same
2. Missing prices listed as missing observations instead of (-4)

- -

Code Label	Codes

- -

fcode:

02 samp
03 mealie-meal
05 rice
06 bread
12 dry bean
16 vegetable oil
17 margarine
19 milk
24 sugar
31 tin fish
35 cabbage
44 washing powder
49 paraffin

Community Survey Section 6: Economic Shocks (page 10-11)
File: SEC6

Variable	Question	Code Label
clustnum	Cluster ID	
shock	Economic Shock	
shockcod	Economic Shock - Code	*shock*
year	Year Occurred - 0=each year	*year*
duration	Number Months Shock Lasted	*year3*
proptn	Proportion Community Affected	*proptn*
severity	Severity of Shock	*severity*
response	Community's response?	

Database Notes:
  1. Severity (or intensity) often not answered for positive shocks

Code Label	Codes
shock:	00 nothing
	01 flood
	02 hail
	03 drought
	04 fire
	05 pests
	06 livestock epidemic
	07 HIV/AIDS
	08 human epidemic
	09 lost service
	10 new service
	11 NGO out
	12 NGO in
	13 death of leader
	14 new leader
	15 job loss
	16 job gain
	17 public works out
	18 public works in
	19 other
	20 Violence/Crime

severity:

                01 Very Severe
                02 Severe
                03 Not Very Severe

proptn:

                01 1/4
                02 1/2
                03 3/4
                04 All

year:

                00 each year

year3:

                99 ongoing

Community Survey Section 7: Social Capital
Subsection 7.1: Community Organizations (page 12)
File: SEC7_1A

Variable	Question	Code Label
clustnum	Cluster ID	
servic	Number of Service Groups	
financ	Number of Financial Groups	
prodtn	Number of Production Groups	
sport	Number of Sport/Culture Groups	
relig	Number of Religious Groups	
polit	Number of Political Groups	
other	Number of other groups	
servic93	Number of Service Groups	
financ93	Number of Financial Groups	
prodtn93	Number of Production Groups	
sport93	Number of Sport/Culture Groups	
relig93	Number of Religious Groups	
polit93	Number of Political Groups	

Database Notes:

1. Cluster 76 missing from questionnaire, Cluster 217 did not answer for 1993 groups

2. No information in other93 variable so dropped

Variable	Question	Code Label
clustnum	Cluster ID	
group	Type of Group	
groupcod	Type of Group - Code	*group*
age	Age of Group	
whostart	Who Started the Group	*whostart*
elect	Office bearers are elected	*yes_no*
elect5	Election in past 5 yrs	*yes_no*
sexmix	Composition of the group	*sexmix*
homog	Same Standard of Living	*yes_no*
joinfee	Fee to join group (Rand)	
monthfee	Monthly Fee (Rand)	
perf	Rate the current overall functioning	*perf*
perf93	How well did the group function	*perf*

Database Notes:

1. Cluster 76 missing from questionnaire

Code Label	Codes
whostart:	01 local government
	02 national government
	03 NGO
	04 community led
	05 religious
	06 private sector
	07 other
group:	
	01 service
	02 finance
	03 production
	04 sport
	05 religious
	06 political
	07 other

sexmix:

    01 Male
    02 Female
    03 Both

perf:

    01 Very Weak
    02 Weak
    03 Average
    04 Strong
    05 Very Strong

Community Survey Section 7: Social Capital
Subsection 7.2: Civic Engagement (page 14-15)
File: SEC7_2

Variable	Question	Code Label
clustnum	Cluster ID	
apply	Applied for Dev Assistance	*yes_no*
applyno	Number Times Applied Dev Assist	
applydes	Describe application	
applysuc	Application Successful	*yes_no*
mtg	Community Meetings past 5 yrs	*yes_no*
mtgno	Number of Community Meetings	
mtgdes	What Community Meeting About	
mtgsuc	Community Meeting Successful	*yes_no*
action	Community Organized Past 5 yrs	*yes_no*
actionno	Number Times Community Organized	
actiond	Main Purpose of Organizing	
actionsu	Community Organizing Successful	*yes_no*
elect94	Proportion Voting 1994 Election	*proptn*
elect96	Proportion Voting 1996 Election	*proptn*
org	Community is easily mobilized	*easy1*
org5	Easier/Harder to Organize 5 yrs	*easy2*
settle	Year When Community Settled	
newcomer	Lot of Newcomers since 1993	*yes_no*

Database Notes:

1. Cluster 76 missing from questionnaire

Code Label	Codes

proptn: As above

easy1:
01 Very Easy
02 Easy
03 Hard

easy2:
01 Easier
02 Harder

Community Survey Section 7: Social Capital
Subsection 7.3: Trust (page 16)
File: SEC7_3

Variable	Question	Code Label
clustnum	Cluster ID	
nbr	Trust in Neighbors/Community - 98	*trust*
nbr93	Trust in Neighbors/Community - 93	*trust*
leader	Trust in Local Leadership - 98	*trust*
leader93	Trust in Local Leadership - 93	*trust*
locgvt	Trust in Local Government - 98	*trust*
locgvt93	Trust in Local Government - 93	*trust*
strang	Trust in Strangers - 98	*trust*
strang93	Trust in Strangers - 93	*trust*
news	Trust in Media - 98	*trust*
news93	Trust in Media - 93	*trust*
ngkp	Trust National Govt Keep Promise - 98	*trust*
ngkp93	Trust National Govt Keep Promise - 93	*trust*
ngpoor	Trust National Govt Serves Poor - 98	*trust*
ngpoor93	Trust National Govt Serves Poor - 93	*trust*

Database Notes:

1. Cluster 70 did not answer for 1993

Code Label	Codes

trust:

01 None
02 Low
03 Medium
04 High
05 Complete

Community Survey Section 7: Social Capital
Subsection 7.4: Violence (page 17)
File: SEC7_4

Variable	Question	Code Label
clustnum	Cluster ID number	
violin	Safer Inside Home than 1993	*safer*
violout	Safer Outside Home than 1993	*safer*
asslt	Frequency of Assault	*freq*
asslt93	Frequency of Assault	*freq*
robbry	Frequency of Robbery	*freq*
robbry93	Frequency of Robbery	*freq*
rape	Frequency of Rape	*freq*
rape93	Frequency of Rape	*freq*
murder	Frequency of Murder	*freq*
murder93	Frequency of Murder	*freq*
kidnap	Frequency of Kidnapping	*freq*
kidnap93	Frequency of Kidnapping	*freq*
other	Frequency of Other Crime	*freq*
other93	Frequency of Other Crime	*freq*

Database Notes:
1. Cluster 80 missing from questionnaire
2. Cluster 70 did not answer for 1993

Code Label	Codes

safer:

    01 More
    02 Same
    03 Less

freq:

    01 None
    02 Little
    03 Some
    04 A Lot
    05 Very High

Variable	Question	Code Label
clustnum	Cluster ID	
name	NGO servicing the Community	
yearb	Year NGO Began	
yeare	Year NGO Ended - 0=ongoing	*year2*
duration	Number of years active	
type	Type of Service Provided	

Code Label	Codes

year2:

00 Ongoing

Community Survey Section 8: Programs and NGO Activities
Subsection 8.2: Area Projects (page 19)
File: SEC8_2

Variable	Question	Code Label
clustnum	Cluster ID	
project	Type of Project	
projcode	Type of Project - Code (Postcoded)	*projcode*
yearb	Year Project Began	
yeare	Year Project Finished	*year2*
whostart	Who Initiated Project	*whostar2*
proptn	Proportion of Community Served	*proptn*
whoserve	Serves Different People	*yes_no*

Database Notes:

1. Use year ended (yeare) with care for construction projects, several indicate 1999 planned end date

Code Label	Codes

whostar2:

01 local government
02 national government
03 NGO
04 community led
05 religious
06 pub comp
07 private
08 other

year2:

00 ongoing

proptn:

01 1/4
02 1/2
03 3/4
04 All

projcode:

01 Phone
02 Electric
03 Roads

04 Transport
05 Water
06 Sanitation
07 Garden
08 Centre
09 Recreate
10 Medical
11 School
12 Library
13 Agricultural Extension
14 Irrigation
15 Creche
16 Religious
17 Shopping
18 Other

Constructed Data: Food Expenditure
File: FOODEXP

Variable	Question	Code Label
hhid	Household ID	
mxpurch	Total month food purchased	
mxgift	Total month food gifts	
mxpay	Total month food payment	
mxownprd	Total month food production	
mxgrain	Total month exp: grains	
mxfruve	Total month exp: fruit/veggies	
mxoils	Total month exp: butter/oil	
mxdairy	Total month exp: dairy	
mxsugar	Total month exp: sugar	
mxmeafi	Total month exp: meat	
mxother	Total month exp: other including meals gave/got	
flagfood	(1) if food item imputed	
mxtfood	Total month food exp	
mealgave	Total month exp: meals given	
mealgot	Total month exp: meals received	
sxgrain	% Food share : grains	
sxfruve	% Food share : fruit/veggies	
sxoils	% Food share : butter/oil	
sxdairy	% Food share : dairy	
sxsugar	% Food share : sugar	
sxmeafi	% Food share : meat	
sxother	% Food share : other	

Database Notes:

1. HH 730190 eats with sister's HH and contributes 600 per month

Constructed Data: 1998 Expenditure on Remittances
File: HHXREM

Variable	Question	Code Label
hhid	Household ID	
s_cash_y	Total Year Remits exp:Cash	
s_inkin1	Total Year Remits exp:Kind	
s_cash_m	Past Month Remits exp:Cash	
s_inkin2	Past Month Remits exp:Kind	
count	Number of recipients	
mxremcas	Avg Month Remits exp:Cash	
mxremkin	Avg Month Remits exp:Kind	
mxtrem	Avg Month Remits exp:All	
flagrem	(1) if missing annual remit	

Database Notes:

1. HHID 62014 lent apartment rent free to pcode 61

Constructed Data: 1998 Regular Non-Food
File: NF1X01

Variable	Question	Code Label
hhid	Household ID	
mxewr	Month exp: H2O,elec & rates	
mxcig	Month exp: Cigs & Tobacco	
mxalc	Month exp: Alcohol	
mxent	Month exp: Entertainment	
mxpcare	Month exp: Personal Care	
mxnews	Month exp: Newspapers	
mxtel	Month exp: Telephone	
mxcar	Month exp: Vehicle	
mxtran1	Month exp: Transportation	
mxwash	Month exp: Washing Supplies	
mxchil	Month exp: Day Care	
mxdues	Month exp: Dues	
mxdon	Month exp: Donations	
mxhelp	Month exp: Household Help	
mxener	Month exp: Other Energy	
mxtot	Month exp: Total non-food	
flagreg	(1) if any exp item imputed	

Constructed Data: 1998 Occasional Non-Food
File: NF2X02

Variable	Question	Code Label
hhid	Household ID	
yxkit	Year exp: Kitchen equip	
yxhom	Year exp: Home repair	
yxbed	Year exp: Bedding/Towels	
yxfurn	Year exp: Furniture/Appliances	
yxadcl	Year exp: ADULT clothes	
yxkdcl	Year exp: CHILD clothes	
yxcmat	Year exp: Material/fabric	
yxdoc	Year exp: Dentist/Doc/Nurse	
yxhfee	Year exp: Hospital Fees	
yxmedsp	Year exp: Medical Supplies	
yxtrad	Year exp: Traditional Healer	
yxholi	Year exp: Holidays	
yxlux	Year exp: Luxury Goods	
yxcerem	Year exp: Ceremonies	
yxedfee	Year exp: School fees	
yxedbk	Year exp: School book/uniform	
yxedothr	Year exp: Other school	
yxins_l	Year exp: Insurance -life	
yxins_m	Year exp: Insurance -medical	
yxins_s	Year exp: Insurance -term	
yxtot	Year exp: Total Occasional Non Food	
flagocc	(1) if any exp item imputed	

Constructed Data: 1998 Expenditure on Housing
File: HHXHOUS

Variable	Question	Code Label
hhid	Household ID	
rent_act	Monthly rent paid	
rent_mkt	Estimated monthly rent	
rentval	Month exp Impute not-own rent	
rentimpx	Month exp Impute own-occupied rent	
mxrent	Month exp Impute housing	
source	Housing/Rent exp source	*source*
flagrent	(1) if rent/house value imputed	

Database Notes:

1. Calculations assume housing subsidy paid in kind

Code Label	Codes

source:

01 Actual
02 Market
03 Owner

Constructed Data: 1998 Total Month Expenditure
File: EXPEND98

Variable	Question	Code Label
hhid	Household ID	
monthtvl	Avg month transport subsidy	
montheat	Avg month food subsidy	
monthhse	Avg month housing subsidy	
flaghse	(1) if House subsidy imputed	
mxtrem	Avg Month Remits exp: All	
flagrem	(1) if missing annual remit	
mxhous	Avg Month exp: Household items	
mxcloth	Avg Month exp: Clothing	
mxhea	Avg Month exp: Health Care	
mxoth2	Avg Month exp: Other (Occasional) Non-Food	
mxed	Avg Month exp: Educational	
mxinsure	Avg Month exp: Insurance	
flagocc	(1) if any exp item imputed	
mxper	Month exp: Personal Items	
mxtransp	Month exp: Transportation & Vehicle (including subsidies)	
mxchil	Month exp: Day Care	
mxoth1	Month exp: Other (regular) Non-Food	
mxener	Month exp: Other Energy	
mxewr	Month exp: H2O,elec & rates	
flagreg	(1) if any exp item imputed	
mxtfood	Total month food exp	
flagfood	(1) if food item imputed	
mxrent	Month exp Impute housing	
flagrent	(1) if rent/house value imputed	
totmexp	Total Monthly Exp	
totmexpr	Total Monthly Exp w/ remit	

Constructed Data: 1998 Household Aggregate Regular Wage Income
File: HHYREG

Variable	Question	Code Label
hhid	Household ID	
hhnwage	HH Month Net Wage + Bonus	
hhgwage	HH Month Gross Wage + Bonus	
flagyreg	(1) Net pay imputed- regression	
monthtvl	Avg month transport subsidy	
montheat	Avg month food subsidy	
monthhse	Avg month housing subsidy	
flaghse	(1) if House subsidy imputed	

Constructed Data: 1998 Casual Wage Income
File: HHYCAS

Variable	Question	Code Label
hhid	Household ID	
hhcash	HH casual wage income : cash	
hhinkd	HH casual wage income : in kind	
hhothr	HH casual wage income : other	
hhycas	HH casual wage income : total	
flagycas	(1) if HH casual income missing	

Constructed Data: 1998 Income from Agriculture
File: HHYAGR

Variable	Question	Code Label
hhid	Household ID	
agrent	Income from letting of farmland	
othrprod	Income from other agric products	
ownpro_o	Consumption own other agric	
valsub	Value of subsidy	
yanim	Income from own livestock	
ownpro_l	Consumption from own livestock	
grazefee	Rent/Grazing fees paid	
value	Value of crop inputs	
lcost_t	Temporary Farm worker total wage	
lcost_p	Permanent farm worker total wage	
ownpro_c	Consumption own crop production	
agprody	Income from own crop production	
totagric	Net agriculture annual income	
hhyagr	Net agriculture monthly income	
flagagr	(1) Agric missing data dropped	

Constructed Data: 1998 Self-Employment Income
File: HHYSEMP

Variable	Question	Code Label
hhid	Household ID	
hhysemp	HH self-employment income/profit	
flagsemp	(1) if HH self-employ Y missing	

Database Notes:

1. Caution: Some reported figures appear to be outliers, possibly due to one-month recall period

Constructed Data: 1998 Income from Remittances
File: HHYREM

Variable	Question	Code Label
hhid	Household ID	
r_cash_y	Annual Remit Income: Cash	
r_inkin1	Annual Remit Income: Kind	
r_cash_m	Past Month Remit Income: Cash	
r_inkin2	Past Month Remit Income: Kind	
count_r	Number of donors	
totm_cas	Avg Month Remit income: cash	
totm_kin	Avg Month Remit income: kind	
hhyrem	Avg Month Remit income: all	
flagremr	(1) if missing annual remit received	

Constructed Data: 1998 HH Other (Non-labour) Income
File: HHYNLAB

Variable	Question	Code Label
hhid	Household ID	
state	HH other income : state	
private	HH other income: private	
nonlaby	HH other income : total	
flagnlab	(1) if missing other income	

Constructed Data: 1998 Expenditure on Housing
File: HHYHOUS

Variable	Question	Code Label
- -		
hhid	Household ID	
rentimp	Month income Impute owner occupied rent	
flagval	(1) if house value imputed	

- -

Database Notes:

1. Calculations assume housing subsidy paid in kind

Constructed Data: 1998 Total Income
FILE: INCOME 98

Variable	Question	Code Label
hhid	Household ID	
nonlaby	HH other income : total	
flagnlab	(1) if missing other income	
hhycas	HH casual wage income : total	
flagycas	(1) if HH casual income missing	
hhnwage	HH Month Net Wage + Bonus	
flagyreg	(1) Net pay imputed- regression	
monthtvl	Avg month transport subsidy	
montheat	Avg month food subsidy	
monthhse	Avg month housing subsidy	
flaghse	(1) if House subsidy imputed	
hhyrem	Avg Month Remit income: all	
flagremr	(1) if missing annual remit received	
hhyagr	Net income from agriculture	
flagagr	(1) Agric missing data dropped	
rentimp	Month income Impute owner-occupied rent	
flagval	(1) if house value imputed	
hhysemp	HH self-employment income/profit	
flagsemp	(1) if HH self-employ Y missing	
totminc	Total monthly income	

Database Notes:

1. Calculations assume housing subsidy paid in kind

Constructed Data: 1998 Total Income
FILE: HHSIZE98

Variable	Question	Code Label
hhid	Household ID	
hhsizep	HH Size: Resident and Non-resident	
hhsizem	HH Size: Resident only	
race	Population group	*race*
clustnum	Cluster ID	

Code Label	Codes
race:	
	01 African
	02 Coloured
	03 Indian
	04 White
	05 Other