

Data dictionary WMS II

WELFARE MONITORING SURVEY 1994

The data files are:

- a). WEL1a.sav
- b). WEL2a.sav
- c). WEL3a.sav
- d). WEL4a.sav
- e). WEL5a.sav
- f). WEL5b.sav
- g). WEL6a.sav (data annualised)
- h). WEL7a.sav (data annualised)
- i). WEL8a.sav
- j). WEL9a.sav
- k). WEL10a.sav
- l). WEL11a.sav
- m). HOLDATA.sav (household based data file)

These are clean data files and can be used for any analysis as this encompasses the data as collected in the survey and the created variables. However data file 'wel6a.sav' & 'wel7a.sav' are already annualised and not the data as collected in the survey. This was done to make data cleaning easier. The creation of these variables is shown in the syntax file, which generates an aggregated household based file. This aggregated file is further used to generate 'POVERTY.SAV'. The additional computations of some of the variables in 'poverty.sav' are generated in the syntax file.

The household file 'POVERTY.SAV' has households with zero expenditure in either food or non-food. The file used for poverty analysis to generate the Second Poverty Profile Report is 'POVERTY1.SAV', and has no households with zero expenditure in either food or non-food. The minimum food and non-food given to these households (zero food or non-food) is documented in the data-cleaning document Table 10 for rural and urban clusters.

POVERTY PROFILES ANALYSIS

This method does not assume that the numbers of households are static when computing the Food Poverty Line. Since 1982, the numbers of households have increased as well as the population size. However, the 1994 consumption basket used in deriving the Poverty line was assumed to be similar to that of 1982 as the consumption pattern does not change rapidly. After getting the Food Poverty Line, a mean of the non-food is computed from households falling between 20 per cent below and 10 per cent above the Food Poverty Line. This takes into account all the poor households in the band. This mean of the non-food is then added to the Food Poverty Line to get the Absolute Poverty Line. In this case the Food Poverty Line is Kshs. 702.99 and the mean of the non-food is Kshs. 275.2796. The total of the two gives an Absolute Poverty Line of Kshs. 978.2696. This gives the per cent of the poor using this Absolute Poverty Line as 46.75 in the rural areas. This method latter is adopted in presenting the results for the country.

1. Well1a.sav

Name (Position) Label

cluster (1) Cluster Number

(NOTE: Value labels for the clusters are in the database)

district (2) District Number

Value	Label		
10	Nairobi	61	Kisii
21	Kiambu	62	Kisumu
22	Kirinyaga	63	Siaya
23	Murang'a	64	Homa Bay
24	Nyandarua	65	Migori
25	Nyeri	66	Nyamira
31	Kilifi	71	Kajiado
32	Kwale	72	Kericho
33	Lamu	73	Laikipia
34	Mombasa	74	Nakuru
35	Taita-Taveta	75	Nandi
36	Tana River	76	Narok
41	Embu	77	Bomet
42	Isiolo	81	Baringo
43	Kitui	82	Elgeyo-Marakwet
44	Machakos	83	Samburu
45	Marsabit	84	Trans-Nzoia
46	Meru	85	Turkana
47	Makueni	86	Uasin-Gishu
48	Tharaka Nithi	87	West Pokot
51	Garissa	91	Bungoma
52	Mandera	92	Busia
53	Wajir	93	Kakamega
		94	Vihiga

hhnumber (3) Household number

rt (4) Record Type

sernumb (5) Serial number of Household member

fwta (6) Cluster weights

relation (7) Relationship to the Head of household

Value	Label
1	Head
2	Spouse
3	Child
4	Other
5	None Relative

absprenc (8) Absence or presence of Household Member

Value	Label
1	Usually present
2	Usually absent for less than 1 week
3	Usually absent for up to 1 month

4 Usually absent for over 1 month

sex (9) Sex of Member of household

Value Label

- 1 Male
- 2 Female

age (10) Age in completed years

mastatus (11) Marital status of Household member

Value Label

- 0 Child under 15 yrs
- 1 Single
- 2 Married Monogamous
- 3 Married Polygamous
- 4 Divorced/separated
- 5 Widowed

canrewte (12) Can Household member read and write

Value Label

- 1 Yes
- 2 No

everattd (13) Has Household member ever attended school?

Value Label

- 1 Yes
- 2 No

ifnowhyo (14) If the Household Member never attended school, why?

Value Label

- 1 Too young
- 2 Child helping at home/child labour
- 3 School expenses too high
- 4 No School in neighbourhood
- 5 No room in school
- 6 Sick or disabled
- 7 Not interested
- 8 Tradition/cultural values
- 9 others

mainoccu (15) Main occupation of the household member

Value Label

- 1 Unpaid family worker
- 2 Commercial farmer
- 3 Subsistence farmer
- 4 Pastoralist
- 5 Skilled public sector worker
- 6 Unskilled public sector worker
- 7 Skilled private sector worker
- 8 Unskilled private sector worker
- 9 Business person
- 10 Student
- 11 None
- 12 Not Applicable

empsecto (16) Employment sector

Value	Label
1	Public sector
2	Formal sector, own business
3	Formal sector, employee
4	Informal sector, own business
5	Informal sector, employee
6	Casual labour
7	Unpaid family labour
8	Agricultural sector
9	Other

yearjob (17) Years in Current job

typeindu (18) Type of Industry the household member works in

Value	Label
1	Agriculture
2	Forestry
3	Fishing
4	Mining quarrying
5	Manufacturing
6	Construction
7	Electricity/water
8	Transport/Storage
9	Wholesale/Retail trade & Restaurants
10	Finance, Insurance, Real estate & business services
11	Owning dwellings
12	Public administration
13	Education
14	Health
15	Security Personnel
16	Other Services

timeunit (19) Time unit a member spends working in main occupation

Value	Label
1	Day
2	Week
3	Month
4	Year

moneyern (20) Wages/salaries/profits earned from main occupation in Kshs.

numtimut (21) Number of time units in last 12 months

Value	Label
1	Day
2	Week
3	Month
4	Year

otherwag (22) Other wages/salaries/profits earned from Other occupation last 3 months in Kshs.

COMPUTED VARIABLES

money12 (23) Annual wages/salaries/profits earned from main occupation in Kshs.

Calculated money12=(moneyern * numtimut)

other12 (24) Annual other wages/salaries/profits earned from other occupation in Kshs.
Calculated (other12=otherwag*4.)

adulteq (25) Adult equivalent

Value	Label
.24	Age less than or equal to 4 years
.65	Age equal or greater than 5 but less than 15 years
1.0	Age equal to and greater than 15 years

male (26) Male household member

female (27) Female household member

hhhead (28) Sex of Household head

Value	Label
1	Male head
2	Female head

malehead (29) Male household head

femahead (30) Female household head

hghlevel (31) Highest education level reached by Household member from WMS2/94

Value	Label
0	Not Applicable
1	Pre-school
2	Standard 1-8
3	KCPE/CPE
4	Form 1-4
5	KCE/KCSE/KACE
6	Trade test certificate I-III
7	Other post secondary certificate
8	University degree or above
9	None
99	Not stated

urbrur (32) Area of residence

Value	Label
1	Rural cluster
2	Urban cluster

absolute (33) Absolute Poverty: Rural=Kshs. 987.27 Urban=Kshs. 1,489.63 per month per adult equivalent

Value	Label
0	Non-poor
1	Poor

2. Wms2a.sav - EDUCATION

List of variables on the working file

Name (Position) Label

cluster (1) Cluster Number

district (2) District Number

hhnumber (3) Household number

rt (4) Record Type

sernumb (5) Serial number of Household member from WMS1/94

fwta (6) Cluster weights

sex (7) Sex of Member of household from WMS1/94

Value Label

1 Male

2 Female

age (8) Age in completed years from WMS1/94

male (9) Male household member from WMS1/94

female (10) Female household member from WMS1/94

curatsch (11) Currently at school

Value Label

1 Yes

2 No

typescho (12) Type of School attending

Value Label

1 Pre-primary

2 Primary

3 Secondary

4 Post-school, vocation

5 University

6 Informal education

privpubl (13) Private or Public?

Value Label

1 Public

2 Private

hghlevel (14) Highest education level reached by household member

Value Label

1 Pre-school

2 Standard 1 ~ 8

3 KCPE

4 Form 1 ~ 4

5 KCE/KCSE/KACE

6 Trade test certificate I - III

7 Other post secondary certificate

8 University degree or above

9 None

99 Not stated

resofnot (15) Reason for not completing cycle?

Value	Label
1	Pregnancy
2	Illness
3	Fees
4	Marriage
5	Failed exam
6	Not interested
7	Other
8	N/A
99	Not stated

atschlyr (16) Attended school last year?

Value	Label
1	No
2	Yes

schlfees (17) School fees in last 12 months

schlunif (18) School uniform expenses last 12 months

schbooks (19) School books expenses last 12 months

trspexps (20) Transport/Travel expenses last 12 months

boardexp (21) Feeding (boarding students) last 12 months

indvtuto (22) Individual tutoring, exams, co- curricula activities last 12 months

harambee (23) School harambee (development of educational activities) last 12 months

COMPUTED VARIABLES

educost (24) Total cost of education of member last 12 months

urbrur (25) Area of residence

Value	Label
1	Rural cluster
2	Urban cluster

absolute (26) Absolute Poverty: Rural=Kshs. 978.27 Urban=1,489.63 per month per adult equivalent

Value	Label
0	Non-poor
1	Poor

3. Wms3a.sav - HEALTH

List of variables on the working file

Name (Position) Label

cluster (1) Cluster Number

district (2) District Number

hhnumber (3) Household number

rt (4) Record Type

sernumb (5) Serial number of Household member from WMS1/94

fwta (6) Cluster weights

sex (7) Sex of Member of household from WMS1/94

Value	Label
-------	-------

1	Male
---	------

2	Female
---	--------

age (8) Age in completed years from WMS1/94

mainoccu (9) Main occupation of the household member from WMS1/94

Value	Label
-------	-------

1	Unpaid family worker
---	----------------------

2	Commercial farmer
---	-------------------

3	Subsistence farmer
---	--------------------

4	Pastoralist
---	-------------

5	Skilled public sector worker
---	------------------------------

6	Unskilled public sector worker
---	--------------------------------

7	Skilled private sector worker
---	-------------------------------

8	Unskilled private sector worker
---	---------------------------------

9	Business person
---	-----------------

10	Student
----	---------

11	None
----	------

12	Not Applicable
----	----------------

male (10) Male household member from WMS1/94

female (11) Female household member from WMS1/94

sickl2we (12) Sick last 2 weeks

Value	Label
-------	-------

1	Yes
---	-----

2	No
---	----

typsickn (13) Type of sickness

Value	Label
-------	-------

1	Vomit/diarrhoea
---	-----------------

2	Fever/malaria
---	---------------

3	Cough/cold/runny nose
---	-----------------------

4	Wound/injury
---	--------------

5	Measles
---	---------

6	Skin rash
---	-----------

7	Eye infection
---	---------------

8	Other
---	-------

moratken (14) Most recent action taken when sick

Value	Label
-------	-------

- 0 No action taken
- 1 No treatment
- 2 Bought drug from pharmacy
- 3 Consulted traditional healer
- 4 Visited private dispensary
- 5 Visited public dispensary
- 6 Health centre
- 7 District hospital in-patient
- 8 District hospital out-patient
- 9 Provincial hospital (KNH in-patient)
- 10 Provincial hospital (KNH out-patient)
- 11 Herbalist
- 12 Faith healer
- 13 Missionary Hospital
- 14 Missionary dispensary

numbvits (15) Number of visits to private health facility

ifnwhy (16) If none, why not visited private health facility?

- | Value | Label |
|-------|---------------------------|
| 1 | Not sick |
| 2 | Too costly |
| 3 | Too far |
| 4 | Poor service/staff |
| 5 | Non availability of drugs |
| 6 | Other reasons |

ifusempv (17) If used, main purpose of visits to private health facility

- | Value | Label |
|-------|-----------------------------|
| 0 | Not sick |
| 1 | Sickness-out-patient |
| 2 | Sickness-in-patient |
| 3 | Accident/injury-out-patient |
| 4 | Accident/injury-out-patient |
| 5 | Pre-natal care |
| 6 | Post-natal care |
| 7 | Nutrition programme |
| 8 | MCH/FP |

hmsnpl3m (18) How much was spent in private health facility last 3 months

nombvits (19) Number of visits to mission health facility

ifnonwhy (20) If none, why not visited a mission health facility?

- | Value | Label |
|-------|---------------------------|
| 1 | Not sick |
| 2 | Too costly |
| 3 | Too far |
| 4 | Poor service/staff |
| 5 | Non availability of drugs |
| 6 | Other reasons |

ifusedmp (21) If used, main purpose of visits to mission health facility

- | Value | Label |
|-------|----------|
| 0 | Not sick |

- 1 Sickness-out-patient
- 2 Sickness-in-patient
- 3 Accident/injury - out-patient
- 4 Accident/injury - in-patient
- 5 Pre-natal care
- 6 Post-natal care
- 7 Nutrition programme
- 8 MCH/FP

howmsnf3 (22) How much was spent in mission health facility

numvisit (23) Number of visits to government health facility

novisits (24) If none, why not visited government health facility

Value Label

- 1 Not sick
- 2 Too costly
- 3 Too far
- 4 Poor service/staff
- 5 Non availability of drugs
- 6 Other reasons

ifumainp (25) If used government health facility, main purpose of visit

Value Label

- 0 Not sick
- 1 Sickness-out-patient
- 2 Sickness-in-patient
- 3 Accident/injury - out-patient
- 4 Accident/injury -in-patient
- 5 Pre-natal care
- 6 Post-natal care
- 7 Nutrition programme
- 8 MCH/FP

homuchsf (26) How much was spent in government health facility last 3 month

othealexp (27) Other health expenditures last 3 months

COMPUTED VARIABLES FROM WMS1/94

urbrur (28) Area of residence

Value Label

- 1 Rural cluster
- 2 Urban cluster

absolute (29) Absolute Poverty: Rural=Kshs. 978.27 Urban=Kshs. 1,489.63 per month per adult equivalent-

Value Label

- 0 Non-poor
- 1 Poor

4. WMS4A.SAV- FERTILITY

Name (Position) Label

cluster (1) Cluster Number

district (2) District Number

hhnumber (3) Household number

rt (4) Record Type

sernumb (5) Serial number of Female form WMS1/94

fwta (6) Cluster weights

age (7) Age in completed years of Female from WMS1/94

mastatus (8) Marital status of Female household member from WMS1/94

Value Label

- 0 Child under 15 yrs
- 1 Single
- 2 Married Monogamous
- 3 Married Polygamous
- 4 Divorced/separated
- 5 Widowed

canrewte (9) Can Female household member read and write from WMS1/94?

Value Label

- 1 Yes
- 2 No

everattd (10) Has Female household member ever attended school from WMS1/94?

Value Label

- 1 Yes
- 2 No

mainoccu (11) Main occupation of female household member from WMS1/94

Value Label

- 1 Unpaid family worker
- 2 Commercial farmer
- 3 Subsistence farmer
- 4 Pastoralist
- 5 Skilled public sector worker
- 6 Unskilled public sector worker
- 7 Skilled private sector worker
- 8 Unskilled private sector worker
- 9 Business person
- 10 Student
- 11 None
- 12 Not Applicable

hghlevel (12) Highest education level reached by female household member from WMS1/94

Value Label

- 0 Not Applicable
- 1 Pre-school
- 2 Standard 1-8
- 3 KCPE/CPE
- 4 Form 1-4
- 5 KCE/KCSE/KACE
- 6 Trade test certificate I-III
- 7 Other post secondary certificate
- 8 University degree or above
- 9 None
- 99 Not stated

hnegiveb (13) Has female member ever given birth?

Value Label

- 1 Yes
- 2 No

ageofmot (14) Age of mother in completed years at first birth?

motherim (15) Is mother immunized against Tetanus (TT)last pregnancy?

Value Label

- 1 Yes
- 2 No

hmchaliv (16) How many children has the mother given birth who are alive?

Value Label

- 99 Not stated

hngbgdie (17) Has the mother given birth to boys/girls who later died?

Value Label

- 1 Yes
- 2 No

ifyesboy (18) If yes, how many boys?

Value Label

- 99 Not stated

ifyesgir (19) If yes, how many girls?

Value Label

- 99 Not stated

hmboys (20) How many boys would female like to have?

Value Label

- 99 Not stated

hmgirls (21) How many girls would female like to have?

Value Label

- 99 Not stated

livebl12 (22) Live births last 12 months

Value Label

- 1 Yes

2 No

dyoucufm (23) Do female currently use family planning methods?

Value Label

1 Yes

2 No

ifyeswmd (24) If yes, which methods?

Value Label

1 Pill

2 IUD

3 Injection

4 Foam tablets, Jelly, Diaphragm

5 Condom

6 Rhythm, counting days (Natural Family Planning)

7 Norplant

8 Other

ifnowhy (25) If no, why not?

Value Label

1 Want children

2 Against culture

3 Don't like any method

4 Against religion

5 Want a daughter

6 Want a son

7 Too young/students

8 Other

matdeath (26) How many maternal deaths last 12 months?

ADDED VARIABLES FROM WMS1/94

urbrur (27) Area of residence

Value Label

1 Rural cluster

2 Urban cluster

absolute (28) Absolute Poverty: Rural=Kshs. 978.27 Urban=Kshs. 1,489.63 per month per adult equivalent

Value Label

0 Non-poor

1 Poor

5a. Wms5a.sav – NON WAGE HOUSEHOLD INCOME

Name (Position) Label

District (1) District Number

Cluster (2) Cluster Number

hhnumber (3) Household Number

rt (4) Record Type

date (5) Date of enumeration

fwta (6) Cluster weights

hhcontri (7) Household Contributor from WMS1/94 (senumb)

noneagin (8) Income from non-agricultural business or enterprises last one month

nonagase (9) Income from rent, non-agricultural assents last one month

incfpns (10) Income from pensions last one month

trrcvedk (11) Transfers received in kind last one month

trrcvedc (12) Transfer received in cash last one month

salesona (13) Sales of assets and other non-agricultural assets last 12 months

incomefr (14) Income from rent of land and/or other agricultural assets last 12 months

loansl2 (15) Loans received last 12 months

omisce12 (16) Other miscellaneous income excluding wages & salaries last 12 months

livestm (17) Livestock sold last one month

livstcom (18) Livestock consumed last one month

livestsd (19) Livestock products sold last one month

livstpcm (20) Livestock products consumed last one month

salela12 (21) Sales of land and/or other agricultural assets last 12 months

ADDITIONAL VARIABLE FROM WMS1/94

urbrur (22) Area of residence

Value	Label
1	Rural cluster
2	Urban cluster

5b. Wms5b.sav - NON WAGE HOUSEHOLD INCOME

List of variables on the working file

Name (Position) Label

district (1) District Number

cluster (2) cluster number

hhnumber (3) Household Number

rt (4) Record Type

fwta (5) Cluster weights

cropcode (6) Crop code

Value	Label
1	White maize
2	Hybrid maize
3	Yellow maize
4	Synthetic maize
5	Wheat
6	Rice
7	Finger millet
8	Bulrush millet
9	Golden millet
10	Other millet
11	Sorghum
12	Oats
13	Sugarcane
14	Pyrethrum
15	Cotton
16	Groundnuts
17	Bambara groundnuts
18	Simsim
19	Castor
20	Tobacco
21	Chillies
23	Beans
24	Grams(green/black)
25	Yellow grams
26	Cowpeas
27	Pigeon peas
28	Field peas
29	Dolicos(njahi)
30	English potatoes
31	Sweet potatoes
32	Cassava
33	Onions
34	Yams
35	Carrots
36	Arrowroots
37	Cabbages
38	Other vegetables
39	Tomatoes
40	Pumpkins
41	Mulch grass
42	Fodder
43	Paddock grass
44	Coffee
45	Tea
46	Wattle
47	Pineapples
48	Bananas (green)
49	Oranges
50	Mangoes

- 51 Lemons
- 52 Pawpaws
- 53 Coconuts
- 54 Pears
- 55 Macadamia nuts
- 56 Cashewnuts
- 57 Sisal
- 58 Plums
- 59 Passion fruits
- 60 Soyabeans
- 61 Miraa
- 64 Fallow
- 92 Kales/Sukuma wiki

unitocrp (7) Unit code

pricepun (8) Price per unit in the long rains

unitprod (9) Units produced in the long rains

unitsold (10) Units sold in the long rains

unitcons (11) Units consumed in the long rains

pricpunt (12) Price per unit in the short rains

untprodu (13) Units produced in the short rains

untsold (14) Units sold in the short rains

untconsu (15) Units consumed in the short rains

ADDITIONAL VARIABLES

prod (16) Total value of production in Kshs. for both seasons

sale (17) Total value of sales in Kshs. for both seasons

cons (18) Total value of own consumption in Kshs. for both seasons

stocks (19) Total value of stocks in Kshs. (wastage, loss of crop, in store e.t.c.) for both seasons

urbrur (20) Area of residence

Value Label

1 Rural cluster

2 Urban cluster

6. Wms6a.sav – HOLDING CONSUMPTION EXPENDITURE

Name (Position) Label

district (1) District Number from wms1

cluster (2) Cluster number

hhnumber (3) Household Number

fwta (4) Cluster weights

bread (5) Value of bread purchased

maizgrin (6) Value of maize grain purchased

maizflor (7) Value of maize flour purchased

rice (8) Value of rice purchased

wheatgri (9) Value of wheat grain purchased

wheatflo (10) Value of wheat flour purchased

miletgrn (11) Value of millet grain purchased

miletflo (12) Value of millet flour purchased

sorghain (13) Value of sorghum grain purchased

sorgflo (14) Value of sorghum flour purchased

beans (15) Value of beans purchased

beef (16) Value of beef purchased

camelmit (17) Value of camel meat purchased

goatmit (18) Value of goat meat purchased

sheepmit (19) Value of sheep meat purchased

pork (20) Value of pork purchased

chickmit (21) Value of chicken meat purchased

fish (22) Value of fish purchased

milk (23) Value of milk purchased

eggs (24) Value of eggs purchased

cookfat (25) Value of cooking fat purchased

butter (26) Value of butter purchased

oilfats (27) Value of other oils and fats purchased

cookoils (28) Value of cooking oils purchased

fruits (29) Value of fruits purchased

cabbages (30) Value of cabbages purchased

sukuma (31) Value of sukuma-wiki purchased
 onion (32) Value of onions purchased
 tomatoes (33) Value of tomatoes purchased
 frebeans (34) Value of french beans purchased
 carrots (35) Value of carrots purchased
 otherveg (36) Value of other vegetables purchased
 otherfod (37) Value of other foods purchased
 potatoe (38) Value of potatoes purchased
 sweetpot (39) Value of sweet potatoes purchased
 arrowrot (40) Value of arrowroots purchased
 cassava (41) Value of cassava purchased
 yams (42) Value of yams purchased
 otheroot (43) Value of other root crops purchased
 sugarwit (44) Value of white sugar purchased
 sugarbro (45) Value of sugar brown purchased
 jaggery (46) Value of jaggery purchased
 cofeeins (47) Value of instant coffee purchased
 cofeegrn (48) Value of grounded coffee purchased
 tealeave (49) Value of tea leaves purchased
 teabags (50) Value of purchased tea bags
 cocoa (51) Value of cocoa purchased

COMPUTED VARIABLES

purcfood (52) Total value of purchased food
 urbrur (53) Area of residence from wms1/94
 Value Label
 1 Rural cluster
 2 Urban cluster

7a. Wms7a.sav – HOLDING EXPENDITURE LAST MONTH

Name (Position) Label

cluster (1) Cluster Number

district (2) District Number

hhnumber (3) Household number

fwta (4) Cluster weights

fire (5) Value of firewood purchased

charcoal (6) Value of charcoal purchased

paraffin (7) Value of paraffin purchased

gas (8) Value of gas purchased

electri (9) Cost on electricity

water (10) Cost of water

soap (11) Value of soaps & detergents purchased

dishsoap (12) Value of dish washing paste/liquid purchased

insectid (13) Value of insecticides purchased

lavaclea (14) Value of lavatory/floor cleaning items purchased

shoepoli (15) Value of shoe polish/candles purchased & laundry

cooks (16) Cost of hiring cooks

servants (17) Costs of hiring servants

gardener (18) Costs of hiring gardeners

watchman (19) Cost of hiring watchmen

carbycle (20) Expenditure on cars/motorcycles services

bicycle (21) Value of bicycle repair

petrol (22) Value of petrol/diesel & engine oils purchased

othtrans (23) Value of other transport & communication costs

mencloth (24) Mens' clothing purchased

boycloth (25) Boys' clothing purchased

womecloh (26) Womens' clothing purchased

girlcloh (27) Girls' clothing purchased

othcloth (28) Other clothing purchased
 menfoot (29) Men shoes purchased
 boyfoot (30) Boys footwear purchased
 womefoot (31) Women footwear purchased
 girlfoot (32) Girls footwear purchased
 othfoot (33) Other footwear purchased
 rent (34) Cost of rent
 furniture (35) Value of furniture/furnishings purchased
 menhair (36) Mens' hair-cut
 massage (37) Mens' massage
 womehair (38) Womens' hair expenses
 beauty (39) Womens' beautician expenses
 othcare (40) Other personal care expenses
 medicost (41) Medical expenses over the counter
 video (42) Video cassette hire
 cinema (43) Cinema/theatre fees
 stadium (44) Value of stadium entry fees
 othrecre (45) Other recreational activities costs
 hhcash (46) Value of household cash transfers
 hhkind (47) Value of household transfers in-kind
 beverage (48) Value of beverages/tobacco & cigarettes purchased

COMPUTED VARIABLES

nonfexp (49) Total Infrequent non-food expenditure
 urbrur (50) Area of residence
 Value Label
 1 Rural cluster
 2 Urban cluster

8. Wms8a.sav – HOLDING EXPENDITURE

Name (Position) Label

Cluster (1) Cluster number

district (2) district Number

hhnumber (3) Household Number

rt (4) Record Type

fwta (5) Cluster weights

lifeiqty (6) Quantity of life insurance last 12 months

lifeivle (7) Value of life insurance last 12 months

lifeiunt (8) Unit code of life insurance

vehicqty (9) Quantity of vehicle insurance last 12 months

vehicvle (10) Value of vehicle insurance last 12 months

vehicunt (11) Unit code of vehicle insurance

houseqty (12) Quantity of house insurance last 12 months

housevle (13) Value of house and equipment insurance last 12 months

houseunt (14) Unit code of house and equipment insurance

othinqty (15) Quantity of other insurances last 12 months

othinvle (16) Value of other insurances last 12 months

othinunt (17) Unit code of other insurances

haramqty (18) Quantity of harambee contributions (non-education) last 12 months

haramvle (19) Value of harambee (non-education) last 12 months

haramunt (20) Unit code of harambee

carqty (21) Number of cars/cycles bought last 12 months

carvle (22) Value of cars/cycles bought last 12 months

carunt (23) Unit code of car/cycle

ratvqty (24) Number of radios/TVs bought last 12 months

ratvle (25) Value of radio/TVs bought last 12 months

ratvunt (26) Unit code of radio/TVs

othasqty (27) Quantity of other household assets bought last 12 months

othasvle (28) Value of other household assets bought last 12 months

othasunt (29) Unit code of other assets

maizeqty (30) Quantity of maize seeds bought last 12 months

maizevle (31) Value of maize seeds bought last 12 months

maizeunt (32) Unit code of maize seeds

beansqty (33) Quantity of beans seeds bought last 12 months

beansvle (34) Value of beans seeds bought last 12 months

beansunt (35) Unit code of beans seeds

othseqty (36) Quantity of other seeds bought last 12 months

othsevle (37) Value of other seeds bought last 12 months

othseunt (38) Unit code of other seeds

fertilqty (39) Quantity of fertilizer bought last 12 months

fertilvle (40) Value of fertilizer bought last 12 months

fertilunt (41) Unit code of fertilizer

farmlqty (42) Quantity of farm labour last 12 months

farmlvle (43) Value of farm labour last 12 months

farmlunt (44) Unit code of farm labour

livestpy (45) Number of livestock bought last 12 months

livestpe (46) Value of livestock bought last 12 months

livestpt (47) Unit code of livestock

livestty (48) Quantity of livestock labour last 12 months

livestle (49) Value of livestock labour last 12 months

livestnt (50) Unit code of livestock labour

landrqty (51) Quantity of land lease/rent last 12 months

landrvle (52) Value of land lease/rent last 12 months

landrunt (53) Unit code of land lease/rent

landpqty (54) Quantity of land purchased last 12 months

landpvle (55) Value of land purchased last 12 months

landpunt (56) Unit code of land purchased

rawmiqty (57) Quantity of raw materials purchased last 12 months

rawmivle (58) Value of raw materials bought last 12 months

rawmiunt (59) Unit code of raw materials

labourty (60) Quantity of labour to other enterprises last 12 months

labourle (61) Value of labour to other enterprises last 12 months

labournt (62) Unit code of labour to other enterprises

leesrqty (63) Quantity of lease/rent of land/equipment last 12 months

leesrvle (64) Value of land lease/rent last 12 months

leesrunt (65) Unit code of land lease/rent last 12 months

purchqty (66) Quantity of land and equipment purchased last 12 months

purchvle (67) Value of land and equipment purchased last 12 months

COMPUTED VARIABLES

purchunt (68) Unit code of land and equip.

urbrur (69) Area of residence

Value	Label
1	Rural cluster
2	Urban cluster

9. Wms9a.sav – HOLDING, AMENITIES AND HOLDING CHARACTERISTICS

Name (Position) Label

cluster (1)

District (2) District Number

hhnumber (3) Household Number

rt (4) Record Type

fwta (5) Cluster weights

toholnow (6) Total holding area now in Acres

tohol12m (7) Total holding 12 months ago in Acres

numbcnow (8) Number of cattle owned at present

numbc12m (9) Number of cattle owned 12 months ago

numshgno (10) Number of sheep and goats owned at present

numshg12 (11) Number of sheep and goats owned 12 months ago

land12m (12) Total land area 12 months ago in Acres

Value Label

9999 With animals (cows/sheep/goats) and no land

anima12m (13) Total number of cattle and sheep/goats owned 12 months ago

landnow (14) Total land area in Acres at present

Value Label

9999 With animals (cows/sheep/goats) and no land

animanow (15) Total number of cattle and sheep/goats owned at present

numponow (16) Number of poultry owned at present

camel (17) Number of camels owned by household 12 months ago

houswall (18) Type of main house wall

Value Label

1 Mud

2 Cement

3 Wood

4 Other

houfloor (19) Type of main house floor

Value Label

1 Mud

2 Cement

3 Wood

4 Other

housroof (20) Type of main house roof

Value Label

1 Iron sheets

2 Cement Blocks

3 Grass/makuti

4 Tiles

5 Mud

6 Tin

7 Other

nuroommh (21) Number of rooms in main house

nusleep (22) Number of people sleeping in main house

homeowne (23) Home ownership

Value Label

1 Owner

2 Rents

- 3 Free
- 4 Other

waternow (24) Main source of water at present

- | Value | Label |
|-------|--------------------|
| 0 | Other |
| 1 | River |
| 2 | Lake/pond/dam |
| 3 | Roof catchments |
| 4 | Protected spring |
| 5 | Unprotected spring |
| 6 | Protected well |
| 7 | Unprotected well |
| 8 | Borehole |
| 9 | Piped water |

waterbnow (25) Main source of water reliability at present

- | Value | Label |
|-------|----------------------------|
| 1 | Daily |
| 2 | Few hours a day/inadequate |
| 3 | Once a week |
| 4 | Twice a week |
| 5 | Unreliable/unpredictable |

water12m (26) Main source of water 12 months ago

- | Value | Label |
|-------|--------------------|
| 0 | Other |
| 1 | River |
| 2 | Lake/pond/dam |
| 3 | Roof catchment |
| 4 | Protected spring |
| 5 | Unprotected spring |
| 6 | Protected well |
| 7 | Unprotected well |
| 8 | Borehole |
| 9 | Piped water |

waterbnow (27) Main source of water reliability 12 months ago

- | Value | Label |
|-------|----------------------------|
| 1 | Daily |
| 2 | Few hours a day/inadequate |
| 3 | Once a week |
| 4 | Twice a week |
| 5 | Unreliable/unpredictable |

timcwwet (28) Time taken to collect water walking - wet season

timcwdry (29) Time taken to collect water - walking dry season

timcfire (30) Time taken to collect firewood (walking)

msoufnnow (31) Main source of cooking fuel at present

- | Value | Label |
|-------|----------------------|
| 1 | Firewood (collected) |
| 2 | Firewood (purchased) |

- 3 Charcoal
- 4 Paraffin
- 5 Gas
- 6 Electricity (mains)
- 7 Electricity (generator, solar)
- 8 Other

msouf12m (32) Main source of cooking fuel 12 months ago

- | Value | Label |
|-------|--------------------------------|
| 1 | Firewood (collected) |
| 2 | Firewood (purchased) |
| 3 | Charcoal |
| 4 | Paraffin |
| 5 | Gas |
| 6 | Electricity (mains) |
| 7 | Electricity (generator, solar) |
| 8 | Other |

msoulnow (33) Main source of lighting at present

- | Value | Label |
|-------|--------------------------------|
| 1 | Firewood (collected) |
| 2 | Firewood (purchased) |
| 3 | Charcoal |
| 4 | Paraffin |
| 5 | Gas |
| 6 | Electricity (mains) |
| 7 | Electricity (generator, solar) |
| 8 | Other |

msoul12m (34) Main source of lighting 12 months ago

- | Value | Label |
|-------|--------------------------------|
| 1 | Firewood (collected) |
| 2 | Firewood (purchased) |
| 3 | Charcoal |
| 4 | Paraffin |
| 5 | Gas |
| 6 | Electricity (mains) |
| 7 | Electricity (generator, solar) |
| 8 | Other |

tyotoile (35) Main type of toilet

- | Value | Label |
|-------|----------------|
| 1 | Pit |
| 2 | V.I.P. latrine |
| 3 | Bucket |
| 4 | W.C. |
| 5 | Pour Flush |
| 6 | None |

ADDITIONAL VARIABLES

absolute (36) Absolute Poverty: Rural=Kshs. 978.27 Urban=Kshs. 1,489.63 per month per adult equivalent

- | Value | Label |
|-------|----------|
| 0 | Non-poor |

1 Poor

headoccu (37) Main occupation of the household head

Value Label

- 1 Unpaid family worker
- 2 Commercial farmer
- 3 Subsistence farmer
- 4 Pastoralist
- 5 Skilled public sector worker
- 6 Unskilled public sector worker
- 7 Skilled private sector worker
- 8 Unskilled private sector worker
- 9 Business person
- 10 Student
- 11 None
- 12 Not Applicable

headeduc (38) Highest education level reached by Household head

Value Label

- 0 Not Applicable
- 1 Pre-school
- 2 Standard 1-8
- 3 KCPE/CPE
- 4 Form 1-4
- 5 KCE/KCSE/KACE
- 6 Trade test certificate I-III
- 7 Other post secondary certificate
- 8 University degree or above
- 9 None
- 99 Not stated

urbrur (39) Area of residence

Value Label

- 1 Rural cluster
- 2 Urban cluster

10. Wms10a.sav – 5 NS 1 SURVIVAL

Name (Position) Label

cluster (1) Cluster number from wms1/94

district (2) district

hhnumber (3) Household Number

sernumb (4) Serial Number of Child from WMS1/94

rt (5) Record Type

time (6) Time of enumeration

motherno (7) Mother number from WMSI/94

sex10 (8) Sex of the Child

Value Label

1 Male

2 Female

age10 (9) Age of child in completed months

eveattgm (10) Ever attended growth monitoring clinic?

Value Label

1 Yes

2 No

card (11) Does the child have a clinic card?

Value Label

1 Yes

2 No

weightb (12) Weight of the child at birth in KGS.

immmbcg (13) Is the child immunized against BCG?

Value Label

1 Yes

2 No

immpolb (14) Is the child immunized against polio B?

Value Label

1 Yes

2 No

immpol1 (15) Is the child immunized against polio 1?

Value Label

1 Yes

2 No

immpol2 (16) Is the child immunized against polio 2?

Value Label

1 Yes

2 No

immpol3 (17) Is the child immunized against polio 3?

Value Label

1 Yes

2 No

immdpt1 (18) Is the child immunized against DPT 1?

Value Label

1 Yes

2 No

immdpt2 (19) Is the child immunized against DPT 2?

Value Label

1 Yes

2 No

immdpt3 (20) Is the child immunized against DPT 3?

Value	Label
1	Yes
2	No

immeasle (21) Is the child immunized against measles?

Value	Label
1	Yes
2	No

stbreathf (22) Still breast feeding

Value	Label
1	Yes
2	No

nomexcbr (23) Number of months exclusively breastfed

lengbret (24) Length of breast feeding

agemofsa (25) Age in months first supplement was added

typfsup (26) Type of first supplement added

Value	Label
1	Milk other than breast
2	Commercial Infant food/formula
3	Porridge-maize/millet/other
4	Porridge fortified
5	Semi-solids
6	Water and sugar
7	Other

placedel (27) Place where the child was delivered

Value	Label
1	Hospital/health facility
2	At home
3	Other

whdeliv (28) Who delivered the child during delivery

Value	Label
0	Self
1	Doctor
2	Midwife
3	T. B. A.
4	Other

COMPUTED VARIABLES

vacinne (29) Immunization Status

Value	Label
1	Fully immunised
2	Partially/not immunised

hhfood (30) Food Poverty: Rural=Kshs. 702.99 Urban=Kshs. 874.72

Value	Label
-------	-------

- 0 Non-poor
- 1 Poor

absolute (31) Absolute Poverty: Rural=Kshs. 978.27 Urban=Kshs. 1,489.63
Value Label

- 0 Non-poor
- 1 Poor

urbrur (32) Area of residence
Value Label

- 1 Rural Cluster
- 2 Urban cluster

11. Wms11a.sav ~ 5 NS2 ANTHROPOMETRY

Name (Position) Label

cluster (1) Cluster Number

district (2) District number

hhnumber (3) Household number

rt (4) Record Type

sernumb (5) Serial number of Child from WMS1/94

ageyear (6) Age of Child in completed years

mno (7) Mother Number form WMS1/94

haile (8) Height for Age Centile

waile (9) Weight for Age Centile

while (10) Weight for Height Centile

hamed (11) Height for Age Median

wamed (12) Weight for Age Median

whmed (13) Weight for Height Median

haz (14) Height for Age Z-score

waz (15) Weight for Age Z-score

whz (16) Weight for Height Z-score

age11 (17) Calculated aged from CDC

sex11 (18) Sex of Child

	Value	Label
	1	Male
	2	Female

seqnum (19) Sequence Number of Child from CDC

ht (20) Height of child in cms

wt (21) Weight of Child in Kgs

source (22) Source of information for date of birth

	Value	Label
	1	Birth certificate
	2	Health card
	3	Memory of Mother
	4	Calendar of events
	5	Baptismal card
	6	Not known
	7	Other

hhfood (23) Food Poverty: Rural=Kshs. 702.99 Urban=Kshs. 874.72

	Value	Label
	0	Non-poor
	1	Poor

absolute (24) Absolute Poverty: Rural=Kshs. 978.27 Urban=Kshs. 1,489.63

	Value	Label
	0	Non-poor
	1	Poor

mnoage (25) Age in completed years of mother form WMS1/94

mnomasta (26) Marital status of mother form WMS1/94

	Value	Label
	0	Child under 15 yrs
	1	Single
	2	Married Mono
	3	Married Polyg.
	4	Divorced/separated
	5	Widowed

mnorewrt (27) Can Mother read and write from WMS1/94

	Value	Label
	1	Yes
	2	No

mnooccu (28) Main occupation of the mother from WMS1/94

	Value	Label
	1	Unpaid family worker
	2	Commercial farmer
	3	Subsistence farmer
	4	Pastoralist
	5	Skilled public sector worker
	6	Unskilled public sector worker
	7	Skilled private sector worker

- 8 Unskilled private sector worker
- 9 Business person
- 10 Student
- 11 None
- 12 Not Applicable

mnolevel (29) Highest education level reached by mother from WMS1/94

Value Label

- 0 Not Applicable
- 1 Pre-school
- 2 Standard 1-8
- 3 KCP/CPE
- 4 Form 1-4
- 5 KCE/KCSE/KACE
- 6 Trade test cert. I-III
- 7 Other post secondary cert.
- 8 University degree or above
- 9 None
- 99 Not stated

hhhead (30) Sex of household head from WMS1/94

Value Label

- 1 Male
- 2 Female

headrewr (31) Can Household head read and write from WMS1/94

Value Label

- 1 Yes
- 2 No

headoccu (32) Main occupation of the household head from WMS1/94

Value Label

- 1 Unpaid family worker
- 2 Commercial farmer
- 3 Subsistence farmer
- 4 Pastoralist
- 5 Skilled public sector worker
- 6 Unskilled public sector worker
- 7 Skilled private sector worker
- 8 Unskilled private sector worker
- 9 Business person
- 10 Student
- 11 None
- 12 Not Applicable

headleve (33) Highest education level reached by Household head from WMS1/94

Value Label

- 0 Not Applicable
- 1 Pre-school
- 2 Standard 1-8

- 3 KCP/CPE
- 4 Form 1-4
- 5 KCE/KCSE/KACE
- 6 Trade test cert. I-III
- 7 Other post secondary cert.
- 8 University degree or above
- 9 None
- 99 Not stated

sickl2we (34) Child sick last 2 weeks from WMS3/94

Value Label

- 1 Yes
- 2 No

typsickn (35) Type of sickness of child from WMS3/94

Value Label

- 0 Not sick
- 1 Vomit/diarrhoea
- 2 Fever/malaria
- 3 Cough/cold/runny nose
- 4 Wound/injury
- 5 Measles
- 6 Skin rash
- 7 Eye infection
- 8 Other

members (36) Total number of members in household

watrnw (37) Main source of water at present of household from WMS9/94

Value Label

- 0 Other
- 1 River
- 2 Lake/pond/dam
- 3 Roof catchment
- 4 Protected spring
- 5 Unprotected spring
- 6 Protected well
- 7 Unprotected well
- 8 Borehole
- 9 Piped water

tyotoile (38) Main Type of toilet of household from WMS9/94

Value Label

- 1 Pit
- 2 V.I.P. latrine
- 3 Bucket
- 4 W.C.
- 5 Pour Flush
- 6 None

urbrur (39) Area of residence

Value	Label
1	Rural cluster
2	Urban cluster