# MOZAMBIQUE

*Africa Region Standard File Series*

## NATIONAL HOUSEHOLD SURVEY
## 1996

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## INTRODUCTION

After the war, the Government of Mozambique undertook programs to rebuild the infrastructure destroyed during the war to improve the living standards. The country held its first post-war multi-party elections in 1994 while the local government elections were held in 1998.

## Survey content

### *Questionaires*

Three instruments used were:

(a) Principal survey questionnaire which had 11 sections namely:-

- 1A Demographic characteristics
- 1B Migration
- 2A Health
- 2B Fertility (women aged 12-49 years)
- 2C Anthropometry (children less than 5 years)
- 3 Education (individuals 6+ years)
- 4 Employment ((individuals 7+ years)
- 5 Monthly exopenditure
- 6 Trimester expenditures
- 7A Agricultrue and livestock activities
- 7B Agricultrual production
- 7C Fruit and nut trees agriculture
- 7D Livestock production
- 8 Transfers paid out
- 9 Financial transactions
- 10 Income
- 11 Dwelling and assets

(b) DDA Daily household expenditures

Each household was visited three times within a seven day period. During the frist interview, recall data from pervious day was obtained. AT the second interview 3 days later aafter first inteview, consumption for the days was asked. On the third interview 3 after the second interview, consumption was again asked.

(c) DDP Daily personal expenditures (only for income-earning individuals)

The same principal as in daily household expenditure was applied but the diaries were left with the income-earner individual in urban areas. This data was not asked for the poverty analyses due to its insufficient compliance anddue to the high unresponse.

In addition to the above 2 instruments were done namely: -

(d) A community-level surbey collected only in the rural areas.

(e) Detialed market price information including weighing all items sold in non-standard containers. This was collected in the major market for each sampled rural and uban areas.

### *Data files*

The variable names are named according to the question number in Section (SECCAO). In places where you have s1a and s1b it refers to the question 1 part ‘a’ and ‘b’.

- rr01 refers to Forms (SECCAO) 1a, 1b, 2a, 2b, 2c, 3 and 4. This is all individual level information.
- rr02 refers to Form 5.
- rr03 refers to Form 6.
- rr04 refers to Form 7 (first part).

- rr05 refers to Form 7 (second part).
- rr06 refers to Form 7 (part B1).
- rr07 refers to Form 7 (part B2).
- rr08 refers to Form 7 (part C).
- rr09 refers to Form 7 (part D first section).
- rr010 refers to Form 7 (part D second section).
- rr011 refers to Form 8.
- rr012 refers to Form 9.
- rr013 refers to Form 10.
- rr014 refers to Form 11.
- rr15.sav refers to diary expenditure.
- rr15a.sav
- rr16.sav refers to personal expenditure. This will be excluded in the expenditure capture as it refers to beers, meals taken out etc which do not reflect household consumption patterns.

## Sampling design and sampling

The most recent sample frame was not available as the last census was done in 1980. Therefore, a sampling frame based on non-census data had to be devised. Rural areas frame was based on the Electoral Census conducted in preparation for the 1994 elections. However, in the urban areas, this proved futile and an alternative methodology was devised for provincial capitals and Maputo city.

Sample was done in three-stages and geographically strafied on the basis that :-

(a) the entire sample was nationally representative
(b) Rural-urban representativeness of households
(c) Each provincial sample is representative at the province level with Maputo city beinf treated as a province by itself.

Data collection was for one year within the rural sample to account for seasonality. ( households were interviewed in the rural areas while 12 were interviewed in the urban areas. A total of 8,289 households were selected. 8,276 weere interviewed and 8,274 data for households keyed in.

*Table 1: Survey Sample distribution by sampling units and province*

| | Urban | | | Rural | | | No. of households |
|---|---|---|---|---|---|---|---|
| | Provincial Capitals | | | Provincial Capitals | | | |
| | No. of Biarros | No. of Quarteiroes | No. of households | No. of Biarros | No. of Quarteiroes | No. of households | |
| Niassa | 2 | 6 | 72 | 21 | 63 | 585 | 657 |
| Cabo Delgado | 2 | 6 | 72 | 25 | 75 | 675 | 747 |
| Nampula | 3 | 12 | 144 | 22 | 88 | 816 | 960 |
| Zambezia | 2 | 8 | 96 | 22 | 88 | 792 | 888 |
| Tete | 2 | 6 | 72 | 20 | 60 | 546 | 618 |
| Manica | 4 | 12 | 144 | 19 | 57 | 522 | 666 |
| Sofala | 7 | 21 | 252 | 19 | 57 | 513 | 765 |
| Inhambane | 2 | 6 | 72 | 24 | 72 | 657 | 729 |
| Gaza | 2 | 6 | 72 | 21 | 63 | 567 | 639 |
| Maputo | 8 | 24 | 288 | 16 | 48 | 432 | 720 |
| Maputo Capital | 37 | 75 | 900 | | | | 900 |
| National | 71 | 182 | 2,184 | 209 | 671 | 6,105 | 8,289 |

In mid-1997, preliminary 1997 census results were published and compared to the 1994 sample frame. Significant differences do appear in some provinces.

*Table 2: Relative population distribution by source of information*

| | MIAF 1996-97 survey | | Census 1997 | | |
|---|---|---|---|---|---|
| | Population (in '000s) | Rank (1=most populous) | Rank (1=most populous) | Population (in '000s) | |
| Niassa | 500 | 11 | 11 | 485 | |
| Cabo Delgado | 763 | 4 | 4 | 816 | |
| Nampula | 1,866 | 2 | 2 | 1,947 | |
| Zambezia | 1,984 | 1 | 1 | 2,034 | |
| Tete | 686 | 7 | 5 | 730 | |
| Manica | 532 | 10 | 8 | 619 | |
| Sofala | 980 | 3 | 3 | 877 | |
| Inhambane | 758 | 5 | 6 | 706 | |
| Gaza | 625 | 8 | 7 | 657 | |
| Maputo | 601 | 9 | 10 | 514 | |
| Maputo Capital | 703 | 6 | 9 | 614 | |

Source: IFPRI: Poverty and Well-Being in Mozambique: 1996-96

## INDIVIDUAL LEVEL INFORMATION

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### *File extraction*

Original data files from databank used. However, these files have been checked for any inconsistencies and may be different from the original data. It is these files that are used to extract variables. Some variables included even if not used for file creation to help in consistency checks.

| | Source file | Sections | Output file | Variables in the output file |
|---|---|---|---|---|
| 1 | RR01.sav | Section 1-4 | MOZ_96_I.sav | |
| | | | Red tape information | rt prov dist padm area bair quar agre codag fact inqu resu supe |
| | | | Individual characteristics | s1a01 s1a02 s1a03 s1a04 s1a05d s1a05m s1a05a s1a06 s1a07 s1a08 s1a09 s1a10 s1a11 s1a12 |
| | | | Migration | s1b13 s1b14 s1b15 s1b16 s1b17 s1b18 s1b19 s1b20 s1b21 s1b22 |
| | | | Health | s2a01 s2a02a s2a02b s2a02c s2a02d s2a02e s2a02f s2a02g s2a02h s2a03 s2a04 s2a05 s2a06 s2a07 s2a08 s2a09 s2a10 s2a11 s2a12 s2a13 s2a14 s2a15 s2a16 |
| | | | Fertility | s2b17 s2b18 s2b19 s2b20 s2b21 s2b22 s2b23 s2b24a s2b24b s2b24c s2b25 s2b26 s2b27 s2b28 s2b29 s2b30 s2b31 s2b32 s2b331 s2b332 s2b333 s2b334 s2b335 s2b336 s2b337 s2b338 s2b339 s2b34 s2b351 s2b352 s2b353 s2b354 s2b355 s2b356 s2b357 s2b358 s2b359 s2b36 s2b37 |
| | | | Child survival and child anthropometry for under-fives | s2c38 s2c39 s2c40 s2c41 s2c42 s2c43 s2c44 s2c45 s2c46 s2c47 s2c48 s2c49 s2c50 s2c51 s2c52 s2c53 s2c54 s2c55 s2c56 s2c57 s2c58a s2c58b s2c58c s2c58d s2c59 |
| | | | Education | s301 s302 s303 s304a s304b s305 s306 s307a s307b s308 s309 s310 s311 |
| | | | Employment | s401 s402 s403 s404 s405 s406 s407 s408 s409 s410 s411 s414 s415 s416 s417 s418 s419 s420 s421 s422 s423 s424 s427 s428 s429 s430 s431 s432 s433 pess tot dtot |
| 2 | RR14.sav | | DATEINTE.sav | Prov; dist; padm; area; bair; quar; agre; codag; dateinte |

| | | | | |
|---|---|---|---|---|
| 3 | RR13.sav | Part 1 | LABOR INC.sav | Prov; dist; padm; area; bair; quar; agre; codag; sa101; sala; s1023 |

```
***date of interview.
*see consistency checks for date generation.

Get FILE='C:\Documents and Settings\wb102942\My'+
          ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\update data\rr14.sav'.

SAVE OUTFILE='C:\Documents and Settings\wb102942\My'+
          ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\dateinte.sav'
         /KEEP = Prov  dist  padm  area  bair  quar  agre  codag  dateinte .

***all individual file combined as one file.

Get FILE='C:\Documents and Settings\wb102942\My'+
          ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\update data\rr01.sav'.

SORT CASES BY codag (A).

MATCH FILES /FILE=*
          /TABLE='C:\Documents and Settings\wb102942\My'+
                    ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\dateinte.sav'
          /BY codag.
EXECUTE.

SAVE OUTFILE='C:\Documents and Settings\wb102942\My'+
          ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\finmoz_96_i.sav'.

***individual labor income.
*income from labor will include income from self employment (profit).

Get FILE='C:\Documents and Settings\wb102942\My'+
          ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\update data\rr13.sav'.

RENAME VAR (s10=s1a01).

AGGREGATE
/OUTFILE='C:\Documents and Settings\wb102942\My'+
                    ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\labor inc.sav'
                   /BREAK= oricodag codag s1a01
          /salary  'Monthly salary' = SUM(sala)
          /profit  'Monthly self-employment income' = SUM(s1023).

***join match.

Get FILE='C:\Documents and Settings\wb102942\My'+
          ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\finmoz_96_i.sav'.

MATCH FILES /FILE=*
          /FILE='C:\Documents and Settings\wb102942\My'+
                    ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\labor inc.sav'
          /RENAME (agre area bair dist padm prov quar = d0 d1 d2 d3 d4 d5 d6)
          /BY codag s1a01
```

```
        /DROP= d0 d1 d2 d3 d4 d5 d6.
EXECUTE.
SAVE OUTFILE='C:\Documents and Settings\wb102942\My'+
        ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\finmoz_96_i.sav'.

***extracting mother infor after computing individual level infor.

Get FILE='C:\Documents and Settings\wb102942\My'+
        ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\finmoz_96_i.sav'.

COMPUTE s2c38a = number(s2c38,f2.0) .

FILTER OFF.
USE ALL.
SELECT IF(s2c38a > 0).

RENAME VAR (indid=indidch) (s2c38a=indid).

SORT CASES BY oricodag codag indid.
SAVE OUTFILE='C:\Documents and Settings\wb102942\My'+
        ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\women.sav'
        /KEEP = oricodag codag indidch indid .

Get FILE='C:\Documents and Settings\wb102942\My'+
        ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\finmoz_96_i.sav'.

FILTER OFF.
USE ALL.
SELECT IF(sex=2).

SORT CASES BY oricodag codag indid.
SAVE OUTFILE='C:\Documents and Settings\wb102942\My'+
        ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\some var.sav'
        /KEEP = oricodag codag indid educlev agey .

Get FILE='C:\Documents and Settings\wb102942\My'+
        ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\women.sav'.

SORT CASES BY oricodag (A) codag (A) indid (A) .

MATCH FILES /FILE=*
        /TABLE='C:\Documents and Settings\wb102942\My'+
                ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\some var.sav'
        /BY oricodag codag indid.

RENAME VAR (indid=indidma)  (indidch=indid) (agey=ageyma) (educlev=educma).

SORT CASES BY oricodag codag indid.
SAVE OUTFILE='C:\Documents and Settings\wb102942\My'+
        ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\women and kids.sav'.

Get FILE='C:\Documents and Settings\wb102942\My'+
        ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\finmoz_96_i.sav'.

MATCH FILES /FILE=*
        /FILE='C:\Documents and Settings\wb102942\My'+
```

```
                ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\women and kids.sav'
        /BY oricodag codag indid.

SAVE OUTFILE='C:\Documents and Settings\wb102942\My'+
        ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\finmoz_96_i.sav'.

***extracting father infor after computing individual level infor.

Get FILE='C:\Documents and Settings\wb102942\My'+
        ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\finmoz_96_i.sav'.

FILTER OFF.
USE ALL.
SELECT IF(sex=1 and relat <=2).

RENAME VAR (indid=indidfa)  (sex=sexfa)  (agey=ageyfa)  (relat=relatfa)  (educlev=educfa) .

SORT CASES BY oricodag codag indidfa.
SAVE OUTFILE='C:\Documents and Settings\wb102942\My'+
        ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\men.sav'
        /KEEP = oricodag codag indidfa sexfa ageyfa relatfa educfa .

Get FILE='C:\Documents and Settings\wb102942\My'+
        ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\finmoz_96_i.sav'.

SORT CASES BY oricodag codag indid.

MATCH FILES /FILE=*
        /TABLE='C:\Documents and Settings\wb102942\My'+
                ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\men.sav'
        /BY oricodag codag.

SAVE OUTFILE='C:\Documents and Settings\wb102942\My'+
        ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\finmoz_96_i.sav'.

***extract for computing child anthropometry information.

Get  FILE='C:\Documents and Settings\wb102942\My'+
        ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\finmoz_96_i.sav'.

FILTER OFF.
USE ALL .
SELECT IF (agem >= 0 and weight > 0).

COMPUTE weight = weight/1000.

COMPUTE height = height/10.
SAVE OUTFILE='C:\Documents and Settings\wb102942\My'+
        ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\child.sav'
        /KEEP =  codag dateinte datebth hid indid sex agem weight height.

***inserting anthropometry data.
*convert child infor Z-scores into a SAV file.get file from access.
*Sort file and save as finchildmoz96.sav.

Get  FILE='C:\Documents and Settings\wb102942\My'+
```

```
        ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\finmoz_96_i.sav'.

SORT CASES BY  codag (A) indid (A) .

MATCH FILES /FILE=*
        /FILE='C:\Documents and Settings\wb102942\My'+
                ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\finchildmoz96.sav'
        /BY codag indid.

SAVE OUTFILE='C:\Documents and Settings\wb102942\My'+
        ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\finmoz_96_i.sav'.
```

==========

## *Standard file creation*

*This point onwards generates individual level indicators and how.
*All variables will be computed as not to interfere with original variables.

### *Missing variables for Individual-level file*

Variables that cannot be computed in individual–level file (not information present). These variables have been created but left as missing:

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```
Get FILE = 'C:\Documents and Settings\wb102942\My'+
        ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\finmoz_96_i.sav'.

****country.
*use the ISO codes which assigns each country with a 2- or 3-letter code.
*this is a string variable.

STRING country (A8).
COMPUTE country = "MOZ" .
Variable labels COUNTRY 'Country code' .
EXECUTE .

****geocode1.
*use the ISO codes.
*this is a string variable.

STRING geocode1 (A30).
IF (NUMERIC(prov,F2.0) = 01) geocode1 = "MZ-A" .
IF (NUMERIC(prov,F2.0) = 02) geocode1 = "MZ-P" .
IF (NUMERIC(prov,F2.0) = 03) geocode1 = "MZ-N" .
IF (NUMERIC(prov,F2.0) = 04) geocode1 = "MZ-Q" .
IF (NUMERIC(prov,F2.0) = 05) geocode1 = "MZ-T" .
IF (NUMERIC(prov,F2.0) = 06) geocode1 = "MZ-B" .
IF (NUMERIC(prov,F2.0) = 07) geocode1 = "MZ-S".
IF (NUMERIC(prov,F2.0) = 08) geocode1 = "MZ-I".
IF (NUMERIC(prov,F2.0) = 09) geocode1 = "MZ-G".
IF (NUMERIC(prov,F2.0) = 10) geocode1 = "MZ-L".
IF (NUMERIC(prov,F2.0) = 11) geocode1 = "MZ-MPM".
Variable label GEOCODE1 'Geographical code (ISO code)'.
EXECUTE .
```

```
****geocode2.
*same as GEOCODE1 classification.

STRING geocode2 (A30).
IF (NUMERIC(prov,F2.0) = 01) geocode2 = "Niassa" .
IF (NUMERIC(prov,F2.0) = 02) geocode2 = "Caba Delgado" .
IF (NUMERIC(prov,F2.0) = 03) geocode2 = "Nampula" .
IF (NUMERIC(prov,F2.0) = 04) geocode2 = "Zambezia" .
IF (NUMERIC(prov,F2.0) = 05) geocode2 = "Tete" .
IF (NUMERIC(prov,F2.0) = 06) geocode2 = "Manica" .
IF (NUMERIC(prov,F2.0) = 07) geocode2 = "Sofala".
IF (NUMERIC(prov,F2.0) = 08) geocode2 = "Inhambane".
IF (NUMERIC(prov,F2.0) = 09) geocode2 = "Gaza".
IF (NUMERIC(prov,F2.0) = 10) geocode2 = "Maputo".
IF (NUMERIC(prov,F2.0) = 11) geocode2 = "Maputo Capital".
Variable label GEOCODE2  'Geographical code'.
EXECUTE.

****household unique ID.
*this is a concatenation of several variables namely, prov, dist, padm, area, bair, quar and agre.
*in numeric terms codag = (NUMBER(prov,f2.0)*10000000000000)  + (NUMBER(dist,f2.0) *100000000000) +
*(NUMBER(padm,f2.0)*1000000000) + (NUMBER(area,f1.0) *100000000)  + (NUMBER(bair,f2.0)*1000000) +
*(NUMBER(quar,f3.0)*1000)  +  (NUMBER(agre,f3.0)) .
*in string terms oricodag = CONCAT(prov,dist,padm,area,bair,quar,agre) .
*codag is the correct computed household ID.
*see consistency checks for further information.

STRING hid (A20).
COMPUTE hid = codag .
Variable label HID  'Household unique identification'.
EXECUTE .

****compute year and should be 2000 compliant.

COMPUTE surveyr = 1996.
Variable label  SURVEYR 'Year of survey'.
EXECUTE .

****Area of residence.
*string var converted to numeric.

IF (NUMERIC(area,f1.0) = 2) rururb = 1 .
IF (NUMERIC(area,f1.0) = 1) rururb = 2 .
Variable label RURURB 'Area of residence'.
Value label rururb   1   'Rural'
                     2   'Urban'.
EXECUTE .

****weight used in survey.
*weight=factor4.
*this is for 8,250 households and this reduces sample to 42,666 respondents.

COMPUTE wta = factor4 .
Variable label WTA  'Weighting coefficient'.
EXECUTE .
```

```
****unique person identifier.
*string var converted to numeric.

COMPUTE indid = NUMERIC(s1a01,f2.0).
Variable label INDID  'Individual identification'.
EXECUTE .

****sex of member.
*string var converted to numeric.

COMPUTE sex=NUMERIC(s1a04,f1.0).
Variable label SEX  'Sex'.
Value label  sex  1  'Male'
                  2  'Female'.
EXECUTE.

****NUMERIC(s1a03,f2.0)ship to head.
*string var converted to numeric.

IF (NUMERIC(s1a03,f2.0) =01) RELAT=1.
IF (NUMERIC(s1a03,f2.0) =02) RELAT=2.
IF (NUMERIC(s1a03,f2.0) =03) RELAT=3.
IF (NUMERIC(s1a03,f2.0) =06) RELAT=4.
IF (NUMERIC(s1a03,f2.0) =05) RELAT=5.
IF (NUMERIC(s1a03,f2.0) =04) RELAT=6.
IF (NUMERIC(s1a03,f2.0) =07) RELAT=6.
IF (NUMERIC(s1a03,f2.0) =08) RELAT=6.
IF (NUMERIC(s1a03,f2.0) =10) RELAT=7.
IF (NUMERIC(s1a03,f2.0) =09) RELAT=8.
IF (NUMERIC(s1a03,f2.0) =11) RELAT=8.
Variable label RELAT  'Relationship to household Head'.
Value label relat     1   'Head'
                      2   'Spouse'
                      3   'Child'
                      4   'Father/Mother'
                      5   'Grandchild'
                      6   'Other relative'
                      7   'Domestic help'
                      8   'None relative'.
EXECUTE .

****age of household members.
*for ages greater than 99 recode into 98.
*none of such ages greater than 99 exist.
*as 99 is meant for missing ages.
*22 missing cases (non-response).
*450 cases have agey1 not equal to s1a02 cases.
*will use computed agey1 to correct for the difference.

COMPUTE agey1 = (CTIME.DAYS((dateinte - datebith) /(365 / 12))) / 12 .
Variable label AGEY1  'Age in completed years'.

COMPUTE agey=TRUNC(agey1).
IF (sysmis(agey)) agey = s1a02.
Variable label AGEY  'Age in completed years'.
EXECUTE .
```

```
****marital status of individual member.
*string var converted to numeric.
*question only asked to persons over 12 years.
*will assume anyone <= 12 is never married.
*398 missing.

IF (NUMERIC(s1a12,f2.0) =01) marstat=1.
IF (NUMERIC(s1a12,f2.0) =02) marstat=2.
IF (NUMERIC(s1a12,f2.0) =03) marstat=3.
IF (NUMERIC(s1a12,f2.0) =04) marstat=4.
IF (NUMERIC(s1a12,f2.0) =05) marstat=5.
IF (agey <= 12) marstat=1.
Variable label MARSTAT  'Marital status'.
Value labels marstat    1  'Never married'
                        2  'Married monogamous'
                        3  'Married polygamous'
                        4  'Divorced/Separated'
                        5  'Widowed'.
EXECUTE .

****adult equivalents - FAO recommendation.
*these will then be aggregated to the household level file.
*this will be done in case user needs to adjust consumption expenditure to reflect household composition.
*Kenya has its own individual equivalents but for comparison purposes FAO scales will be used.
*this implies that all files are standardised to the same adult equivalent scales.
*for ages less than 9, same adult scales exist and there are no differences between males and females.
*above age 9, scales account for age and sex of household member.

IF (agey < 1)   ADULTEQ= 0.27.
IF (agey >= 1 and agey <=3)   ADULTEQ= 0.45.
IF (agey >= 4 and agey <=6)   ADULTEQ= 0.61.
IF (agey >= 7 and agey <=9)   ADULTEQ= 0.73.

IF (agey >= 10 and agey <=12 and sex=1)   ADULTEQ= 0.86.
IF (agey >= 10 and agey <=12 and sex=2)   ADULTEQ= 0.78.

IF (agey >= 13 and agey <=15 and sex=1)   ADULTEQ= 0.96.
IF (agey >= 13 and agey <=15 and sex=2)   ADULTEQ= 0.83.

IF (agey >= 16 and agey <=19 and sex=1)   ADULTEQ= 1.02.
IF (agey >= 16 and agey <=19 and sex=2)   ADULTEQ= 0.77.

IF (agey >=20 and agey <99 and sex=1)   ADULTEQ= 1.00.
IF (agey >=20 and agey <99 and sex=2)   ADULTEQ= 0.73.

IF (agey =99 and sex=1 and relat ne 3)   ADULTEQ= 1.00.
IF (agey =99 and sex=2 and relat ne 3)   ADULTEQ= 0.73.
Variable label  ADULTEQ  'FAO Adult equivalent scales'.
EXECUTE .

****calories consumption by age.
*uses WHO scales.
*An additional 285 calories per day are required for women in the last trimester of pregnancy.
*An additional 500 calories per day are required for women who are in the first six months of lactation.
*age of preganancy not collected therefore this was not used.
*children who are breastfeeding are given the 500 calories for which women are in the first six months.
```

```
IF (agem < 12)   CAL1= 820.
IF (agey=0 and sysmis(cal1))  CAL1=820.

IF (agem >= 12 and agem <24)   CAL1= 1150.
IF (agey = 1 and sysmis(cal1))   CAL1= 1150.

IF (agem >= 24 and agem <36)   CAL1= 1350.
IF (agey = 2 and sysmis(cal1))   CAL1= 1350.

IF (agem >= 36 and agem <60)   CAL1= 1550.
IF (agey >= 3 and agey <5 and sysmis(cal1))   CAL1= 1550.

IF (agey >= 5 and agey <7 and sex=1)   CAL1= 1850.
IF (agey >= 5 and agey <7 and sex=2)   CAL1= 1750.

IF (agey >= 7 and agey <10 and sex=1)   CAL1= 2100.
IF (agey >= 7 and agey <10 and sex=2)   CAL1= 1800.

IF (agey >= 10 and agey <12 and sex=1)   CAL1= 2200.
IF (agey >= 10 and agey <12 and sex=2)   CAL1= 1950.

IF (agey >= 12 and agey <14 and sex=1)   CAL1= 2400.
IF (agey >= 12 and agey <14 and sex=2)   CAL1= 2100.

IF (agey >= 14 and agey <16 and sex=1)   CAL1= 2650.
IF (agey >= 14 and agey <16 and sex=2)   CAL1= 2150.
IF (agey >= 16 and agey <18 and sex=1)   CAL1= 2850.
IF (agey >= 16 and agey <18 and sex=2)   CAL1= 2150.

IF (agey >= 18 and agey <30 and sex=1)   CAL1= 3000.
IF (agey >= 18 and agey <30 and sex=2)   CAL1= 2100.

IF (agey >= 30 and agey <60 and sex=1)   CAL1= 2900.
IF (agey >= 30 and agey <60 and sex=2)   CAL1= 2150.

IF (agey >= 60 and sex=1)   CAL1= 2450.
IF (agey >= 60 and sex=2)   CAL1= 1950.

IF (s2c51=98) cal2=500.

COMPUTE cal3=SUM(cal1,cal2).
Variable label  CAL3  'WHO calories scales'.
EXECUTE .

****literacy level.
*literacy collected for only persons older than 7.
*string var converted to numeric.
*437 missing and 170 non-response from raw data file.
*will assume anyone 5-10 years is illiterate.
*leaving 521 missing.

DO IF (agey >= 5) .
IF (NUMERIC(s301,f1.0) =01) literacy=1.
IF (NUMERIC(s301,f1.0) =02) literacy=2.
IF (agey <= 10 and sysmis(literacy))  literacy=2.
```

```
END IF .
Variable label  LITERACY  'Literacy status'.
Value label literacy     1  'Can both read and write'
                         2  'Cannot read and write'.
EXECUTE .

****ever attended school.  Asked to all household members.
*string var converted to numeric.
*attendance for 7+ years and 435 missing.
*attendance for 5+ years and 3,057 missing.
*will assume anyone less than 7 years has never attended school.
*this reduces to 430 missing for 5+.

DO IF (agey >= 5).
IF (NUMERIC(s302,f1.0) =01) everattd=1.
IF (NUMERIC(s302,f1.0) =02) everattd=2.
IF (agey <= 7 and sysmis(everattd))  everattd=2.
END IF .
Variable label  EVERATTD  'Ever attended school'.
Value labels everattd   1  'Yes'
                         2  'No'.
EXECUTE .

****computation of education levels for persons aged 5 and above only.
*Code 99 will refer to 'informal' education levels such as literacy training.
*some individuals never stated level of education and these will be given code=9.
*technical education persons are all over 17 years.
*will assume any one technical to be in tertiary.
*all others will be classified as ‘undefined’.
*1,318 missing of which 888 have ever attended school and 882 currently at school.
*this reduces to only 430 missing aged 5+.

DO IF (agey >= 5 and atschool=1) .
IF (NUMERIC(s307a,f2.0) <= 5 and NUMERIC(s307b,f2.0) >=01 and NUMERIC(s307b,f2.0) <=04)   educlev=3 .
IF (NUMERIC(s307a,f2.0) <= 5 and NUMERIC(s307b,f2.0) =05)   educlev=4 .
IF (NUMERIC(s307a,f2.0) <= 5 and NUMERIC(s307b,f2.0) >=06 and NUMERIC(s307b,f2.0) <=11)   educlev=5 .
IF (NUMERIC(s307a,f2.0) <= 5 and NUMERIC(s307b,f2.0) =12)   educlev=6 .
IF (NUMERIC(s307a,f2.0) >= 5 and NUMERIC(s307b,f2.0) =12)   educlev=6 .
END IF .

DO IF (agey >= 5 and sysmis(educlev)) .
IF (NUMERIC(s304a,f2.0) =00)   educlev=1 .
IF (NUMERIC(s304a,f2.0) =01)   educlev=99 .
IF (NUMERIC(s304a,f2.0) =02)   educlev=3 .
IF (NUMERIC(s304a,f2.0) =03)   educlev=4 .
IF (NUMERIC(s304a,f2.0) =04)   educlev=5 .
IF (NUMERIC(s304a,f2.0) =05)   educlev=6 .
IF (NUMERIC(s304a,f2.0) =06)   educlev=7 .
IF (NUMERIC(s304a,f2.0) =07)   educlev=7 .
IF (NUMERIC(s304a,f2.0) =08)   educlev=7 .
IF (NUMERIC(s304a,f2.0) =09)   educlev=7 .
IF (NUMERIC(s304a,f2.0) =10)   educlev=7 .
IF (NUMERIC(s304a,f2.0) =11)   educlev=99 .
IF (NUMERIC(s304a,f2.0) =99)   educlev=9 .
IF (everattd = 2) EDUCLEV = 1 .
IF (everatdd >= 1 and sysmis(educlev))  educlev=9 .
```

```
IF (sysmis(educlev) and sysmis(everattd))  educlev=9 .
END IF .
Variable label EDUCLEV  'Level of education'.
Value    Label educlev  1    'No level'
                        2    'Koranic'
                        3    'Primary, not completed'
                        4    'Primary completed, no secondary'
                        5    'Secondary not completed'
                        6    'Secondary completed'
                        7    'Tertiary'
                        8    'Pre-school'
                        9    'Not stated'
                       99   'Undefined'.
EXECUTE .

****at school.
*asked for anyone 7+ years.

DO IF (agey >= 5).
IF (NUMERIC(s306,f1.0) =1)   atschool=1 .
IF (NUMERIC(s306,f1.0) =2)   atschool=2 .
IF (sysmis(atschool) and everattd=2) atschool = 2 .
END IF .
Variable label  ATSCHOOL 'School attendance at time of survey'.
Value label atschool  1  'Yes'
                      2  'No'.
EXECUTE .
****type of school attending.

COMPUTE schltyp = 1.
RECODE
          schltyp  (1=sysmis) .
Variable label schltyp 'Type of school attending'.
Value label schltyp       1  'Public'
                          2  'Private'
                          9  'Other'.
EXECUTE.

****time reference for sickness in weeks.
*sickness asked for last one month (4 weeks).

COMPUTE morb_tr = 4 .
Variable labels MORB_TR  'Time reference for variable MORBID' .
EXECUTE .

****sick last 4 weeks.

IF (NUMERIC(s2a03,f1.0) <=2)   morbid=1 .
IF (NUMERIC(s2a03,f1.0) =3)   morbid=2 .
Variable label  MORBID  'Morbidity last MORB_TR'.
Value label morbid    1  'Yes'
                      2  'No'.
EXECUTE .

****seek medical attention (consulted anyone).
```

```
*44 cases missing if action taken when sick.

IF (NUMERIC(s2a08,f1.0) =1)   rtreatm=1 .
IF (NUMERIC(s2a08,f1.0) =2)   rtreatm =2 .
Variable label RMTREAT  'Received medical attention'.
Value label  rtreatm  1   'Yes'
                      2   'No'.
EXECUTE .

****type of health provider.
*28 cases non-responses.

IF (NUMERIC(s2a09,f1.0) =1)   hprovide=1 .
IF (NUMERIC(s2a09,f1.0) >=2 and NUMERIC(s2a09,f1.0) <=3)   hprovide=2 .
IF (NUMERIC(s2a09,f1.0) >=4 and NUMERIC(s2a09,f1.0) <=5)   hprovide=9 .
IF (NUMERIC(s2a09,f1.0) =6)   hprovide=3 .
IF (NUMERIC(s2a09,f1.0) =7)   hprovide=4 .
IF (NUMERIC(s2a09,f1.0) =8)   hprovide=9 .
Variable label HPROVIDE  'Health provider visited'.
Value label  hprovide   1  'Hospital'
                        2  'Clinic/dispensary'
                        3  'Pharmacy'
                        4  'Traditional healer'
                        9  'Other'.
EXECUTE .

****ownership of health provider.
*will assume hospital and health center are public.
*28 cases non-responses.

IF (NUMERIC(s2a09,f1.0) =1)   owhprovd=1 .
IF (NUMERIC(s2a09,f1.0) =3)   owhprovd=1 .
IF (NUMERIC(s2a09,f1.0) =2)   owhprovd=2 .
IF (NUMERIC(s2a09,f1.0) >=4 and NUMERIC(s2a09,f1.0) <=5)   owhprovd=2 .
IF (NUMERIC(s2a09,f1.0) =6)   owhprovd=2 .
IF (NUMERIC(s2a09,f1.0) =7)   owhprovd=3 .
IF (NUMERIC(s2a09,f1.0) =8)   owhprovd=9 .
Variable label OWHPROVD  'Ownership of health provider visited'.
Value label  owhprovd     1  'Public'
                          2  'Private – modern medicine'
                          3  'Private – traditional healers'
                          4  'Missionary/NGO'
                          9  'Other'.
EXECUTE .

****family planning not collected by survey.

IF (NUMERIC(s2b34,f1.0) =1)   fplan=1 .
IF (NUMERIC(s2b34,f1.0) =2)   fplan =2 .
Variable label FPLAN  'Contraceptives use'.
Value label fplan  1  ‘Yes’
                   2  ‘No’.
EXECUTE .
```

```
****seach_tr.
*assigned 1 week as this is the reference period.

COMPUTE seach_tr = 1 .
Variable labels SEACH_TR  'Time reference for variable SEARCH' .
EXECUTE .

****search for work.
*this is a crude way but the best alternative.
*375 missing between 15-64 years.

DO IF (agey >= 5).
IF (NUMERIC(s401,f2.0) <=3)   search=2 .
IF (NUMERIC(s401,f2.0) >=4 and NUMERIC(s401,f2.0) <=5)   search=1 .
IF (NUMERIC(s401,f2.0) >=6)   search=2 .
IF (sysmis(search) and agey < 15) search=2.
IF (sysmis(search) and agey > 64) search=2.
END IF .
Variable label  SEARCH  'Search for work last SEACH_TR'.
Value label search    1  'Yes'
                      2  'No'.
EXECUTE .

****employment sector.
*all employment information asked to 7+ years.
*all data cannot be derived for now cos labels missing for variables.

COMPUTE empl= 1 .
RECODE
          empl  (ELSE=SYSMIS)  .
Variable label EMPL  'Employment sector'.
Value label  empl  1  'Agricultural'
                   2  'Other (non-agricultural)'.
EXECUTE .

****occupation.
*437 cases missing for 7+ years.
*of which 49 cases <= 14 years and 13 older than 65 years.
*assumed anyone 15-64 with missing infor unemployed.
*assumed anyone <15 years and older than 64 with missing infor dependent.
*if main occupation is ‘worked’ and status is ‘unpaid family labor’, then this is will taken as ‘homemaker’.

DO IF  (agey >= 5).
IF (NUMERIC(s401,f2.0) <= 2 and NUMERIC(s409,f2.0) = 6) occupat = 3 .
IF (NUMERIC(s401,f2.0) <= 2 and sysmis(occupat)) occupat = 1 .
IF (NUMERIC(s401,f2.0) = 7) occupat = 1 .
IF (NUMERIC(s401,f2.0)  >= 4 and NUMERIC(s401,f2.0) <= 6) occupat = 2 .
IF (NUMERIC(s401,f2.0)  = 3) occupat = 3 .
IF (NUMERIC(s401,f2.0)  = 10) occupat = 4 .
IF (NUMERIC(s401,f2.0)  = 8) occupat = 5 .
IF (NUMERIC(s401,f2.0)  = 11) occupat = 6 .
IF (NUMERIC(s401,f2.0)  = 12) occupat = 9 .
IF (agey >= 15 & agey <= 64 and sysmis(occupat)) occupat=2 .
IF (agey <= 14 and sysmis(occupat)) occupat=6 .
IF (agey >= 65 and sysmis(occupat)) occupat=6 .
END IF .
```

```
Variable label OCCUPAT 'Main occupation'.
Value labels occupat   1    'Employed'
                       2    'Unemployed'
                       3    'Homemaker'
                       4    'Retired'
                       5    'Student'
                       6    'Dependent'
                       9    'Other'.
EXECUTE .

****status of occupation.
*assumed co-operative sector to be informal.
*67 cases missing.

DO IF (occupat = 1) .
IF (NUMERIC(s409,f2.0) <= 2) statocc = 1 .
IF (NUMERIC(s409,f2.0) = 3) statocc = 2 .
IF (NUMERIC(s409,f2.0) = 4) statocc = 3 .
IF (NUMERIC(s409,f2.0) = 5) statocc = 4 .
IF (NUMERIC(s409,f2.0) = 7) statocc = 5 .
IF (NUMERIC(s409,f2.0) = 8) statocc = 9 .
IF (NUMERIC(s401,f2.0) = 7 and sysmis(statocc)) statocc = 1 .
END IF .
Variable label STATOCC  'Status of occupation'.
Value labels statocc   1    'Wage employee, by Government'
                       2    'Wage employee, by Formal Private sector'
                       3    'Employed by Informal sector'
                       4    'Self-employed'
                       5    'Employer'
                       6    'Volunteer'
                       9    'Other'.
EXECUTE .

****industry.
*all data cannot be derived for now cos labels missing for variables.

COMPUTE industry= 1 .
RECODE
          industry  (ELSE=SYSMIS)  .
Variable label  INDUSTRY  'Branch of activity'.
Value labels  industry   1    'Agriculture'
                         2    'Manufacturing'
                         3    'Mining and quarrying'
                         4    'Construction'
                         5    'Utilities'
                         6    'Commerce'
                         7    'Banking/financial services'
                         8    'Professional'
                         9    'Public Administration'
                        10    'Transport'
                        11    'Other'.
EXECUTE .
```

```
****labour income - wages from all sources.
*will include profit and wages only.

COMPUTE  labinc=SUM(salary,profit).
Variable label LABINC  'Annual labor earnings'.
EXECUTE .

****hours of work.
*unknown times (99) were left as sysmis.

DO IF (s406 ne 99 and s407 ne 9).
COMPUTE  hourwrk=s406*s407.
END IF .
Variable label HOURWRK  'Hours worked per week'.
EXECUTE .

****fetch water.
*cannot be derived.
*var computed and left sysmis.

COMPUTE  fetwater=1.
Variable label FETWATER  'Spends time fetching water'.
Value label  fetwater  1   'Yes'
                       2   'No'.
RECODE
          fetwater  (1=SYSMIS)  .
EXECUTE .

****fetch wood.
*cannot be derived.
*var computed and left sysmis.

COMPUTE  fetwood=1.
Variable label FETWOOD  'Spends time fetching firewood'.
Value label  fetwood   1   'Yes'
                       2   'No'.
RECODE
          fetwood  (1=SYSMIS)  .
EXECUTE .

****cooking.
*cannot be derived.
*var computed and left sysmis.

COMPUTE  cooking=1.
Variable label COOKING  'Spends time cooking'.
Value label  cooking   1   'Yes'
                       2   'No'.
RECODE
          cooking  (1=SYSMIS)  .
EXECUTE .
```

```
****child care.
*cannot be derived.
*var computed and left sysmis.

COMPUTE  childcar=1.
Variable label CHILDCAR  'Spends time on childcare'.
Value label  childcar  1   'Yes'
                       2   'No'.
RECODE
        childcar  (1=SYSMIS)  .
EXECUTE .

****house keeping.  All other not included earlier.
*cannot be derived.
*var computed and left sysmis.

COMPUTE hkeeping=1.
Variable label HKEEPING  'Spends time on other house keeping activities'.
Value label  hkeeping  1   'Yes'
                       2   'No'.
RECODE
        hkeeping  (1=SYSMIS)  .
EXECUTE .

****age in months.
*all ages > 60.00, recode into sysmis.
*27 cases who responded to vaccine greater than 60 months.
*these are removed from analysis.
*compare with age in months (var=months) in file for consistency (5,247 cases).
*date of birth (day and month missing but year available) missing for several hundred cases.
*therefore multiplied given age in years by 12 months (6,166 cases after assumption) so long as vaccine infor present.

DO IF (NUMBER(s2c38,f2.0) >= 0).
COMPUTE agem = CTIME.DAYS((dateinte - datebth) /(365 / 12)) .
Variable label AGEM 'Age of Child in months'.
RECODE
        agem  (60.01 thru Highest=SYSMIS)  .
IF (sysmis(agem) and agey <=5)  agem=agey*12 .
END IF .
EXECUTE .

****who helped assist in delivery.

DO IF (agem <=60.00) .
COMPUTE whdeliv=1 .
RECODE
        whdeliv  (1=SYSMIS)  .
Variable label WHDELIV  'Who helped assist in Childbirth'.
Value label  whdeliv   1  'Trained Birth Attendant'
                       2  'Traditional Birth Attendant'
                       9  'Other'.
END IF.
EXECUTE .
```

```
****weight at birth converted to grams.
*180 cases have missing values (9999.00).
*116 cases have missing values (9999.00).

DO IF (agem <= 60 and s2c41< 9999.00).
COMPUTE bweight = s2c41 .
END IF .
Variable label BWEIGHT 'Weight of Child at birth (grams)'.
EXECUTE .

****vaccine.
*if no vaccine given code=2.

DO IF (agem <= 60.00).
IF (NUMBER(s2c57,f1.0)=2)  vaccine=3.
IF (NUMBER(s2c57,f1.0)=1 and NUMBER(s2c58A,f1.0)=3 and NUMBER(s2c58B,f1.0)>=1 &
        NUMBER(s2c58B,f1.0)<9 and NUMBER(s2c58C,f1.0)=3 and NUMBER(s2c58D,f1.0)=1) vaccine=1.
IF (NUMBER(s2c57,f1.0)=1 and NUMBER(s2c58A,f1.0)<=9 and NUMBER(s2c58B,f1.0)<=9 and
        NUMBER(s2c58C,f1.0)<=9 and NUMBER(s2c58D,f1.0) <= 9) vaccine=2.
IF (NUMBER(s2c57,f1.0)=1 and sysmis(vaccine)) vaccine=2.
END IF .
Variable label VACCINE  'Immunization status of Child'.
Value labels  vaccine      1  'Fully immunised'
                           2  'Partially immunised'
                           3  'Not immunised'.
EXECUTE .

****measles vaccine.

DO IF (agem <= 60.00).
IF (NUMBER(s2c57,f1.0)=1 and NUMBER(s2c58D,f1.0) = 1) measles=1.
IF (NUMBER(s2c57,f1.0)=1 and NUMBER(s2c58D,f1.0) = 0) measles=2.
IF (NUMBER(s2c57,f1.0)=1 and NUMBER(s2c58D,f1.0) = 9) measles=2.
END IF .
Variable label  MEASLES  'Child immunized against measles'.
Value labels  measles  1  'Yes'
                       2  'No'.
EXECUTE .

****weight converted to grams.
*child weight in grams.
*some children weighed with clothes and others without.
*500 measured with clothes of which 75% have missing weight of clothes.
*will use weight given irrespective of whether measured with clothes or without.

DO IF (agem <= 60.00 and s2c42 < 99999 and s2c46 < 9999).
COMPUTE weight = s2c42.
END IF .
Variable label WEIGHT 'Weight of Child (grams)'.
EXECUTE .

****height  in mms.
*child height in mms.
*dividey by 10 mms to make child height in cms.

DO IF (agem <= 60.00 and s2c42 < 99999 and s2c46 < 9999).
```

```
COMPUTE height = s2c46/10.
END IF .
Variable label HEIGHT 'Height of Child (cms)'.
EXECUTE .

****stunting (Z-score).

IF (agem >=6 & agem < 60)  haz=fldwhoha.
Variable labels HAZ 'Height-for- age Z-score (stunting)'.
EXECUTE .

****stunting.

RECODE
          haz   (Lowest thru -2.00=1)  (-1.99 thru Highest=2)  INTO  stunted .
Variable labels STUNTED 'Height-for- age'.
Value labels stunted      1   'Stunted'
                          2   'Not stunted'.
EXECUTE .

****wasting (Z-score).

IF (agem >=6 & agem < 60)  whz=fldwhowh.
Variable labels WHZ 'Weight-for-height Z-score (wasting)'.
EXECUTE .

****wasting.

RECODE
          whz  (Lowest thru -2.00=1)  (-1.99 thru Highest=2)  INTO  wasted .
Variable labels WASTED 'Weight-for-height'.
Value labels wasted      1   'Wasted'
                         2   'Not wasted'.
EXECUTE .

****underweight (Z-score).

IF (agem >=6 & agem < 60)  waz=fldwhowa.
Variable labels WAZ 'Weight-for-age Z-score (underweight)'.
EXECUTE .

****underweight.

RECODE
          waz  (Lowest thru -2.00=1)  (-1.99 thru Highest=2)  INTO  underwgh .
Variable labels UNDERWGH 'Weight-for-age'.
Value labels underwgh      1   'Underweight'
                           2   'Not underweight'.
EXECUTE .

****mother's age.
*see file extraction for details.
*age of child is the determining factor in collecting these variables.
*if age in months missing, then meduc, mage and feduc should be missing.

DO IF (agem >= 0).
```

```
COMPUTE mage = ageyma.
END IF.
Variable label  MAGE  'Age of Mother'.
EXECUTE .

****mother's education.

DO IF (agem >=0).
COMPUTE meduc =educma .
END IF .
Variable label MEDUC  'Education level of Mother'.
Value  Label meduc     1    'No level'
                       2    'Koranic'
                       3    'Primary, not completed'
                       4    'Primary completed, no secondary'
                       5    'Secondary not completed'
                       6    'Secondary completed'
                       7    'Tertiary'
                       8    'Pre-school'
                       9    'Not stated'
                      99   'Undefined'.
EXECUTE .

****father's education.

DO IF (agem >=0).
IF (sexfa=1 and relat=3) feduc=educfa .
END IF .
Variable label FEDUC 'Education level of Father'.
Value  Label feduc     1    'No level'
                       2    'Koranic'
                       3    'Primary, not completed'
                       4    'Primary completed, no secondary'
                       5    'Secondary not completed'
                       6    'Secondary completed'
                       7    'Tertiary'
                       8    'Pre-school'
                       9    'Not stated'
                      99   'Undefined'.
EXECUTE .

****pcexp merged from HH-level file so as to generate quintile and deciles.
*see end of program (Final two data file created) for quintiles insertion.

SAVE OUTFILE='C:\Documents and Settings\wb102942\My'+
          ' Documents\Hhdbase\stdfiles\Moz\MOZ\finmoz_96_i.sav'.
```

## HOUSEHOLD LEVEL INFORMATION

==========

### *File extraction*

Original data files from databank used. However, these files have been checked for any inconsistencies and may be different from the original data. It is these files that are used to extract variables. Some variables included even if not used for file creation to help in consistency checks.

| | Source file | Sections | Output file | Variables in the output file |
|---|---|---|---|---|
| 1 | FINMOZ_96_I.sav | Select HH head | HEAD.sav | Extracted from Individual-level file. CODAG; ORICODAG; COUNTRY; GEOCODE1; GEOCODE2; HID; SURVEYR; RURURB; WTA; SEX; AGEY; MARSTAT; EDUCLEV; EMPL; OCCUPAT; STATOCC; INDUSTRY |
| 2 | FINMOZ_96_I.sav | | HH_FAO.sav | CODAG; ORICODAG; FAO adult equivalent scales (FAO_ADQ); household size (HHSIZE) |
| 3 | RR01.sav | SECCAO 3 | EDUCATION.sav | CODAG; ORICODAG; EDUC_1 (sum of total education for books and fees) |
| 4 | RR15.sav | DAIRY | HEALTH1.sav | CODAG; ORICODAG; HEALTH1 |
| 5 | RR02.sav | SECCAO 6 | HEALTH2.sav | CODAG; ORICODAG; HEALTH2 |
| 6 | RR03.sav | SECCAO 7 | HEALTH3.sav | CODAG; ORICODAG; HEALTH3 |
| 7 | RR10.sav | SECCAO 7 Part D | GTSHP.sav | CODAG; ORICODAG; gtshp |
| 8 | RR10.sav | SECCAO 7 Part D | PLTRY.sav | CODAG; ORICODAG; pltry |
| 9 | RR14.sav | SECCAO 11 | AMENITIES.sav | CODAG; ORICODAG; p1101 p1102 p1103 p1104 p1105 p1111 p1112 p1113 p1114 p1115 p1116 p1117 p1118 p1119 p1120 p1121 p1122 p1123 p112503a p112506a p112507a p112508a p112509a p112510a p112513a p112514a p112515a p112516a |
| 10 | RENT.sav | | RENT.sav | CODAG; ORICODAG; IRENDA |
| 11 | EXPENDITURE.sav | | EXPEND.sav | CODAG; ORICODAG; factor4; rafvadp rafvtdp pindx_ne |

This section extracts files to use in order to generate standard files.
States which file is used and what variable selected.
Comments are above each file creation.

```
***select head information from individual level file created earlier.

Get  FILE='C:\Documents and Settings\wb102942\My'+
           ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\finmoz_96_i.sav'.

FILTER OFF.
USE ALL.
SELECT IF (relat = 1).
SAVE OUTFILE='C:\Documents and Settings\wb102942\My'+
           ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\head.sav'
      /KEEP = oricodag codag  country  geocode1  geocode2  HID  surveyr  rururb  wta
                sex  agey  marstat  educlev  empl  occupat  statocc  industry.

***generate household size and fao scales.
*summation of adult equivalent scales and count of household members.

Get  FILE='C:\Documents and Settings\wb102942\My'+
           ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\finmoz_96_i.sav'.

AGGREGATE
            /OUTFILE='C:\Documents and Settings\wb102942\My'+
                     ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\hh_fao.sav'
           /BREAK=codag
           /hhsize  'Number of people in household' = N(indid)
           /fao_adq  'Sum total of adult equivalent scales (FAO scales)' = SUM(adulteq).

***education.

Get  FILE='C:\Documents and Settings\wb102942\My'+
           ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\update data\rr01.sav'.

COMPUTE s308a=s308.
COMPUTE s309a=s309.

RECODE
            s308a s309a  (9999=SYSMIS)  .
EXECUTE .

COMPUTE educ = SUM(s308a,s309a) .
EXECUTE .

AGGREGATE
            /OUTFILE='C:\Documents and Settings\wb102942\My'+
                     ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\education.sav'
            /BREAK=oricodag codag
            /educ_1 = SUM(educ).

***land size.

Get  FILE='C:\Documents and Settings\wb102942\My'+
           ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\update data\rr04.sav'.
SAVE OUTFILE='C:\Documents and Settings\wb102942\My'+
                     ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\land.sav'
           /KEEP = codag p701 p702 p703.
```

```
***animals ownership.
*excluded rabbits and 'other' category'.

*cows.

Get FILE='C:\Documents and Settings\wb102942\My'+
	' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\update data\rr10.sav'.

FILTER OFF.
USE ALL.
SELECT IF(NUMBER(p760,f2.0) = 91 and p761 < 9999).
EXECUTE .

AGGREGATE
	/OUTFILE='C:\Documents and Settings\wb102942\My'+
		' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\COWS.SAV'
	/BREAK=codag
	/cow = SUM(p761).

*goats, pigs, rabbits.

Get FILE='C:\Documents and Settings\wb102942\My'+
	' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\update data\rr10.sav'.

FILTER OFF.
USE ALL.
SELECT IF(NUMBER(p760,f2.0) >= 92 and NUMBER(p760,f2.0) <= 94 and p761 < 9999).
EXECUTE .

AGGREGATE
	/OUTFILE='C:\Documents and Settings\wb102942\My'+
		' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\GTSHP.SAV'
	/BREAK=codag
	/gtshp = SUM(p761).

*poultry

Get FILE='C:\Documents and Settings\wb102942\My'+
	' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\update data\rr10.sav'.

FILTER OFF.
USE ALL.
SELECT IF(NUMBER(p760,f2.0) >= 70 and NUMBER(p760,f2.0) <= 79 and p761 < 9999).
EXECUTE .

AGGREGATE
	/OUTFILE='C:\Documents and Settings\wb102942\My'+
		' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\PLTRY.SAV'
	/BREAK=codag
	/pltry = SUM(p761).

***housing amenities.

Get FILE='C:\Documents and Settings\wb102942\My'+
	' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\update data\rr14.sav'.
SAVE OUTFILE='C:\Documents and Settings\wb102942\My'+
```

```
          ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\amenities.sav'
         /KEEP = codag p1101 p1102 p1103 p1104 p1105 p1111 p1112 p1113 p1114 p1115 p1116 p1117
                   p1118 p1119 p1120 p1121 p1122 p1123 p112503a p112503b p112503c
                  p112506a p112506b p112506c p112507a p112507b p112507c p112508a p112508b p112508c
                  p112509a p112509b p112509c p112510a p112510b p112510c p112513a p112513b p112513c
                  p112514a p112514b p112514c p112515a p112515b p112515c p112516a p112516b p112516c.

***health.

*daily expenditure.

Get  FILE='C:\Documents and Settings\wb102942\My'+
          ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\update data\rr15.sav'.

FILTER OFF.
USE ALL.
SELECT IF(NUMBER(d01,f7.0) >= 5100000 and NUMBER(d01,f7.0) <= 5299999).
EXECUTE .

AGGREGATE
          /OUTFILE='C:\Documents and Settings\wb102942\My'+
                    ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\health1.sav'
          /BREAK=oricodag codag
          /health1 'week expenditure' = SUM(d04).

*monthly expenditure.

Get  FILE='C:\Documents and Settings\wb102942\My'+
          ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\update data\rr02.sav'.

FILTER OFF.
USE ALL.
SELECT IF(NUMBER(s501,f7.0) >= 5100000 and NUMBER(s501,f7.0) <= 5299999).
EXECUTE .

COMPUTE hlth = s504.

RECODE
          hlth (9999=SYSMIS)  (9999999=SYSMIS).
EXECUTE .

AGGREGATE
          /OUTFILE='C:\Documents and Settings\wb102942\My'+
                    ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\health2.sav'
          /BREAK=oricodag codag
          /health2 'monthly expenditure' = SUM(hlth).

*quarterly expenditure.

Get  FILE='C:\Documents and Settings\wb102942\My'+
          ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\update data\rr03.sav'.

FILTER OFF.
USE ALL.
SELECT IF(NUMBER(s601,f7.0) >= 5100000 and NUMBER(s601,f7.0) <= 5299999).
EXECUTE .
```

```
AGGREGATE
        /OUTFILE='C:\Documents and Settings\wb102942\My'+
                ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\health3.sav'
        /BREAK=oricodag codag
        /health3 'quarterly expenditure' = SUM(s604).

***expenditure.
*see consistency checks on comments of expenditure.sav file.
*file has 8,250 households.  24 households dropped.

Get FILE='C:\Documents and Settings\wb102942\My'+
        ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\update data\expenditure.sav'.
SAVE OUTFILE='C:\Documents and Settings\wb102942\My'+
        ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\expend.sav'
       /KEEP = oricodag factor4 aftam rafvadp rafvtdp linpoba linpob linupob pindx_ne pob upob cr

***rent.
*rent imputed from country.
*see ANNEX ? for details.

Get FILE='C:\Documents and Settings\wb102942\My'+
                ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\update data\rent.sav'.
SAVE OUTFILE='C:\Documents and Settings\wb102942\My'+
        ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\rent.sav'
       /KEEP = oricodag codag irenda.

***join match above files.
*select only households with expenditure data.

Get FILE='C:\Documents and Settings\wb102942\My'+
        ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\head.sav'.

MATCH FILES /FILE=*
        /FILE='C:\Documents and Settings\wb102942\My'+
                ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\hh_fao.sav'
        /FILE='C:\Documents and Settings\wb102942\My'+
                ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\amenities.sav'
        /FILE='C:\Documents and Settings\wb102942\My'+
                ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\education.sav'
        /FILE='C:\Documents and Settings\wb102942\My'+
                ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\land.sav'
        /FILE='C:\Documents and Settings\wb102942\My'+
                ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\cows.sav'
        /FILE='C:\Documents and Settings\wb102942\My'+
                ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\gtshp.sav'
        /FILE='C:\Documents and Settings\wb102942\My'+
                ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\pltry.sav'
        /FILE='C:\Documents and Settings\wb102942\My'+
                ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\rent.sav'
        /FILE='C:\Documents and Settings\wb102942\My'+
                ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\health1.sav'
        /FILE='C:\Documents and Settings\wb102942\My'+
                ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\health2.sav'
        /FILE='C:\Documents and Settings\wb102942\My'+
                ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\health3.sav'
```

```
        /FILE='C:\Documents and Settings\wb102942\My'+
                ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\rent.sav'
        /FILE='C:\Documents and Settings\wb102942\My'+
                ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\expend.sav'
        /BY codag.

SAVE OUTFILE='C:\Documents and Settings\wb102942\My'+
         ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\finmoz_96_h.sav'.
```

==========

## *Standard file creation*

*This point onward generate household level indicators.

### *Missing variables for Household-level file*

Variables that cannot be computed in household–level file (not information present). These variables have been created but left as missing:

| | | | |
|---|---|---|---|
| HHSEGRP | DISWAT | DISMARK | DISPSCHO |
| DISHEAL | BOAT | PCCAL | TOTINC |

```
Get FILE = 'C:\Documents and Settings\wb102942\My'+
        ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\finmoz_96_h.sav'.

****Following variables created in individual file.
*variables can be extracted from the individual file.
*Therefore no need to reconstruct them again.
*variables = COUNTRY, GEOCODE1, GEOCODE2, HID,  SURVEYR, WTA, RURURB.

****sex of head.

RENAME VAR  (sex=hhsex).
Variable label  HHSEX  'Sex of household Head'.
EXECUTE .

****age of head of household.

RENAME VAR (agey=HHAGEY).
Variable label  HHAGEY  'Age of household Head'.
EXECUTE .

****computation of HHSTRUC.

IF (hhsex = 1 & marstat = 1) hhstruc = 3 .
IF (hhsex = 1 & marstat = 2) hhstruc = 1 .
IF (hhsex = 1 & marstat = 3) hhstruc = 2 .
IF (hhsex = 1 & marstat  >= 4) hhstruc = 3 .
IF (hhsex = 2 & marstat  = 1) hhstruc = 5 .
IF (hhsex = 2 & marstat  >= 4) hhstruc = 5 .
IF (hhsex = 2 & marstat  >= 2 and marstat <= 3) hhstruc = 4 .
Variable label HHSTRUC 'Household structure'.
Value labels hhstruc  1  'Monogamous male'
                      2  'Polygamous male'
                      3  'Single male'
                      4  'De facto female'
                      5  'De jure female'.
```

```
EXECUTE .

****education of head of household.

RENAME VAR (educlev=hheduc).
Variable label  HHEDUC  'Education level of household Head'.
EXECUTE .

****employment of head.

RENAME VAR (empl=hhempl).
Variable label  HHEMPL  'Employment sector of household Head'.
EXECUTE .

****occupation of head.

RENAME VAR (occupat=hhoccu).
Variable label  HHOCCU  'Main occupation of household Head'.
EXECUTE .

****status of head.

RENAME VAR (statocc=hhstatoc).
Variable label  HHSTATOC  'Status of occupation of household Head'.
EXECUTE .

****industry of activity of head.

RENAME VAR (industry=hhindu).
Variable label  HHINDU  'Branch of activity of household Head'.
EXECUTE .

****socioeconomic group of head.
*cannot be derived.
*var computed and left sysmis.

COMPUTE hhsegrp=1.
RECODE
          hhsegrp (1=sysmis).
Variable label  HHSEGRP  'Socio-economic group of household Head'.
Value Label  hhsegrp     1    Export crop farmer
                         2    Food crop farmer
                         3    Pastoralist
                         4    Formal - Government
                         5    Formal - Private
                         6    Informal
                         9    Other.
EXECUTE.

****household size and adulteq (aggregate FAO scales).
*generated earlier (hh_fao.sav)
*var name = hhsize and fao_adq.
*see household level file extraction.

****ownership of dwelling unit.
*de facto occupation will be implied as no ownership.
```

```
*non-response (34 cases) will be assumed as sysmis.
*43 sysmis.

COMPUTE ownhouse=NUMBER(p1111,f1.0).
RECODE
        ownhouse  (1 thru 2,5 thru 6=2)  (3 thru 4=1) (9=sysmis).
Variable label OWNHOUSE  'Ownership of dwelling unit'.
Value label  ownhouse     1  'Yes'
                          2  'No'.
EXECUTE .

****roof (keep codes as in survey).
*non-response (29 cases).

COMPUTE roof_1 = NUMBER(p1103,f1.0).
Variable label ROOF_1  'Main material used for roof (survey)'.
Value label  roof_1  1   'Slab covering'
                     2   'Tile'
                     3   'Lusalite/plastic'
                     4   'Zinc'
                     5   'Grass'
                     6   'Other'.
RECODE
         roof_1 (9=sysmis).
EXECUTE .

****roof.
*zinc will be classified as iron sheets.
*non-response will be assumed as sysmis.
*38 missing.

RECODE
        roof_1   (1=5)  (2=6)  (3=3)  (4=4)  (5=2)  (6=9)  (9=sysmis)  INTO roof.
Variable label ROOF  'Main material used for roof'.
Value label  roof  1   'Earth'
                   2   'Thatch'
                   3   'Wood'
                   4   'Iron sheets'
                   5   'Cement'
                   6   'Tiles/bricks'
                   9   'Other'.
EXECUTE .

****walls (keep codes as in survey).
*non-response (15).

COMPUTE walls_1 = NUMBER(p1102,f1.0).
Variable label WALLS_1  'Main material used for external walls (survey)'.
Value labels walls_1     1   'Cement or brick'
                         2   'Wood and zinc'
                         3   'Adobe (clay)'
                         4   'Poles or bamboo'
                         5   ' Poles/bamboo maticado'
                         6   'Other'.
RECODE
         walls_1 (9=sysmis).
```

```
EXECUTE .

****walls.
*poles or bamboo will be classified as 'other'.
*non-response will be assumed as sysmis.
*28 missing.

RECODE
        walls_1  (1=5)  (2=3)  (3=1)  (4 thru 5=9)  (6=9)  (9=sysmis)  INTO  walls.
Variable label WALLS  'Main material used for external walls'.
Value label walls  1    'Earth'
                   2    'Bricks'
                   3    'Wood'
                   4    'Iron sheets'
                   5    'Stone'
                   9    'Other'.
EXECUTE .

****floor  (keep codes as in survey).

COMPUTE floor_1 = NUMBER(p1104,f1.0).
Variable label FLOOR_1 'Main material used for floor (survey)'.
Value labels floor_1      1    ' Wood'
                          2    'Marble'
                          3    'Granite'
                          4    'Cement'
                          5    'Bricks'
                          6    'Adobe (clay)'
                          7    'Nothing'
                          8    'Other'.
RECODE
        roof_1 (9=sysmis).
EXECUTE .

****floor.
*non-response (52) will be assumed as sysmis.
*if roof = nothing, this means no roof and therefore will left as symis.
*if floor = nothing, will assume made of earth.

RECODE
        floor_1  (1=3)  (2 thru 3=9)  (4=5)  (5=2)  (7,6=1)  (8=9)  (9=sysmis)  INTO  floor.
Variable label floor 'Main material used for floor'.
Value label floor  1    'Earth'
                   2    'Bricks'
                   3    'Wood planks'
                   4    'Polished wood/tiles'
                   5    'Cement'
                   9    'Other'.
EXECUTE .
****rooms.
*45 cases non-response and 2 cases have zero rooms.
*left as sysmis (56 cases).

COMPUTE rooms = p1105.
RECODE
        rooms (99=sysmis).
```

```
Variable label ROOMS  'Number of habitable rooms'.
EXECUTE .

****Source of water (as collected by survey).
*keep codes as in survey.
*51 non-response and 9 missing.

COMPUTE water_1 = NUMBER(p1114,f2.0) .
Variable label  WATER_1  'Main source of water (survey)'.
Value label  water_1      1   'Piped water, inside house'
                          2   'Piped water, outside house'
                          3   'Fountain'
                          4   'Private well'
                          5   'Public well'
                          6   'Rivers, lakes'
                          7    'Other'.
RECODE
          water_1 (9=sysmis).
EXECUTE .

****Source of water.
*private and public well will be placed under ‘other’.

IF (water_1 = 1) WATER = 1.
IF (water_1 >= 2 and water_1 <= 3) WATER = 2 .
IF (water_1 >= 4 and water_1 <= 5) WATER = 9 .
IF (water_1 = 6) WATER = 4 .
IF (water_1 = 7) WATER = 9 .
VARIABLE LABELS water 'Main source of water'.
Value label WATER       1  'Pipe (own tap)'
                        2  'Pipe borne'
                        3   'Well (protected)'
                        4   'Surface water'
                        5   'Rain water'
                        9   'Other'.
EXECUTE .

****distance to water point.
*Unknown response=9999 (183 cases).
*395 cases missing distance of which 191 said water source outside house.
*will assume water source outside house less than 1 km.
*therefore 204 missing.

COMPUTE dis=p1115/1000.
IF (water_1=1)  diswat=1.
IF (dis=9.999 and water_1=2 and sysmis(diswat))  diswat=2.
IF (dis <=1 and sysmis(diswat))  diswat=2.
IF (dis >1 and dis <= 2 and sysmis(diswat))  diswat=3.
IF (dis >2 and dis <= 5 and sysmis(diswat))  diswat=4.
IF (dis >5 and dis <= 9 and sysmis(diswat))  diswat=5.
IF (water_1=2 and sysmis(diswat))  diswat=2.
Variable label DISWAT 'Distance to water point'.
Value  Label diswat       1  'Within dwelling'
                          2  '0-1 km'
                          3  '>1-2 km'
                          4  '>2-5 km'
```

```
                              5  '>5-10 km'
                              6  'Over 10 km'
                              9  'Undefined'.
EXECUTE.

****time to water point.
*cannot be derived.
*var computed and left sysmis.

COMPUTE timwat=1.
RECODE
          timwat (1=sysmis).
Variable label  TIMWAT  'Time spent to water point'.
Value  Label timwat         1  'Available near home'
                            2  'Within ½ hour'
                            3  '½ hour to 1 hour away'
                            4  '1 – 6 hours'
                            5  '½ day to one full day'
                            6  'More than one day'
                            9  'Undefined'.
EXECUTE .

****cooking fuel.
*10 households do not cook and therefore sysmis.
*20 non-response left as symis.
*9 missing.

IF (NUMBER(p1122,f1.0)=1)  fuel=4.
IF (NUMBER(p1122,f1.0)=2)  fuel=5.
IF (NUMBER(p1122,f1.0)=3)  fuel=9.
IF (NUMBER(p1122,f1.0)=4)  fuel=1.
IF (NUMBER(p1122,f1.0)=5)  fuel=9.
Variable label FUEL 'Main cooking fuel'.
Value labels fuel  1   'Firewood'
                   2   'Kerosene'
                   3   'Charcoal'
                   4   'Electricity'
                   5   'Gas'
                   9   'Other'.
EXECUTE .

****toilet (keep codes as in survey).

IF (NUMBER(p1118,f1.0)=1)  toilet_1=1.
IF (NUMBER(p1119,f1.0)=1)  toilet_1=2.
IF (NUMBER(p1118,f1.0)=2 and NUMBER(p1119,f1.0)=2)  toilet_1=3.
IF (sysmis(NUMBER(p1118,f1.0)) and NUMBER(p1119,f1.0)=2)  toilet_1=3.
Variable label TOILET_1  'Main toilet facility (survey)'.
Value label  toilet_1      1    'Toilet'
                           2    'Latrine'
                           3    'None'.
EXECUTE .

****toilet.

RECODE
```

```
        toilet_1   (1=1)  (2=2) (3=3) INTO toilet.
Variable label TOILET  'Main toilet facility'.
Value labels TOILET       1  'Flush toilet'
                          2  'Pit latrine'
                          3  'No facility'
                          9  'Other'.
EXECUTE .

****distance to market.
*cannot be derived.
*var computed and left sysmis.

COMPUTE dismark=1.
RECODE
        dismark (1=sysmis).
Value  Label dismark      1  'Within dwelling'
                          2  '0-1 km'
                          3  '>1-2 km'
                          4  '>2-5 km'
                          5  '>5-10 km'
                          6  'Over 10 km'
                          9  'Undefined'.
Variable label DISMARK 'Distance to market'.
EXECUTE.

****time to market.
*cannot be derived.
*var computed and left sysmis.

COMPUTE timmark=1.
RECODE
        timmark (1=sysmis).
Variable label  TIMMARK  'Time spent to market'.
Value  Label timmark      1  'Available near home'
                          2  'Within ½ hour'
                          3  '½ hour to 1 hour away'
                          4  '1 – 6 hours'
                          5  '½ day to one full day'
                          6  'More than one day'
                          9  'Undefined'.
EXECUTE .

****distance to reach primary school.
*cannot be derived.
*var computed and left sysmis.

COMPUTE dispscho=1.
RECODE
        dispscho (1=sysmis).
Value  Label dispscho     1  'Within dwelling'
                          2  '0-1 km'
                          3  '>1-2 km'
                          4  '>2-5 km'
                          5  '>5-10 km'
                          6  'Over 10 km'
                          9  'Undefined'.
```

```
Variable label DISPSCHO 'Distance to elementary/primary school'.
EXECUTE.

****time to primary school.
*cannot be derived.
*var computed and left sysmis.

COMPUTE timpscho=1.
RECODE
        timpscho (1=sysmis).
Variable label  TIMPSCHO  'Time spent to elementary/primary school'.
Value  Label timpscho    1  'Available near home'
                         2  'Within ½ hour'
                         3  '½ hour to 1 hour away'
                         4  '1 – 6 hours'
                         5  '½ day to one full day'
                         6  'More than one day'
                         9  'Undefined'.
EXECUTE .

****distance to reach secondary school.
*cannot be derived.
*var computed and left sysmis.

COMPUTE dissscho=1.
RECODE
        dissscho (1=sysmis).
Variable label DISSSCHO  'Distance to secondary school'.
Value  Label dissscho    1  'Within dwelling'
                         2  '0-1 km'
                         3  '>1-2 km'
                         4  '>2-5 km'
                         5  '>5-10 km'
                         6  'Over 10 km'
                         9  'Undefined'.
EXECUTE.

****time to secondary school.
*cannot be derived.
*var computed and left sysmis.

COMPUTE timsscho=1.
RECODE
        timsscho (1=sysmis).
Variable label  TIMSSCHO  'Time spent to secondary school'.
Value  Label timsscho    1  'Available near home'
                         2  'Within ½ hour'
                         3  '½ hour to 1 hour away'
                         4  '1 – 6 hours'
                         5  '½ day to one full day'
                         6  'More than one day'
                         9  'Other'.
EXECUTE .
```

```
****distance to hospital.
*cannot be derived.
*var computed and left sysmis.

COMPUTE disheal=1.
RECODE
        disheal (1=sysmis).
Variable label DISHEAL 'Distance to health center/clinic'.
Value  Label disheal      1  'Within dwelling'
                          2  '0-1 km'
                          3  '>1-2 km'
                          4  '>2-5 km'
                          5  '>5-10 km'
                          6  'Over 10 km'
                          9  'Undefined'.
EXECUTE.

****time to health center.
*cannot be derived.
*var computed and left sysmis.

COMPUTE timheal=1.
RECODE
        timheal (1=sysmis).
Variable label  TIMHEAL  'Time spent to health center/clinic'.
Value  Label timheal      1  'Available near home'
                          2  'Within ½ hour'
                          3  '½ hour to 1 hour away'
                          4  '1 – 6 hours'
                          5  '½ day to one full day'
                          6  'More than one day'
                          9  'Undefined'.
EXECUTE .

****ownership of land.
*294 missing and account for 3.6% of households.

IF (NUMBER(p701,f2.0)=1)  ownland = 1 .
IF (NUMBER(p701,f2.0)=2)  ownland = 2 .
Variable label  OWNLAND  'Ownership of land'.
Value labels ownland   1  'Yes'
                       2  'No'.
EXECUTE .

****land sizes.

COMPUTE land = p703 .
Variable label  LANDSIZE  'Land size owned by household (ha)'.
EXECUTE .

****radio ownership.

IF (NUMBER(p112508a,f1.0)=1 and p112508c > 0)  radio=1 .
IF (NUMBER(p112508a,f1.0)=1 and p112508c = 0)  radio=2 .
IF (NUMBER(p112508a,f1.0)=2)  radio=2 .
Variable labels RADIO 'Ownership of radio'.
```

```
Value labels radio   1  'Yes'
                     2  'No'.
EXECUTE .

****television ownership.

IF (NUMBER(p112509a,f1.0)=1 and p112509c > 0 or NUMBER(p112510a,f1.0)=1 and p112510c > 0)  tv=1 .
IF (NUMBER(p112509a,f1.0)=1 and p112509c = 0 or NUMBER(p112510a,f1.0)=1 and p112510c = 0)  tv=2 .
IF (NUMBER(p112509a,f1.0)=2 and NUMBER(p112510a,f1.0)=2)  tv=2 .
Variable labels TV 'Ownership of television'.
Value labels tv     1  'Yes'
                    2  'No'.
EXECUTE .

****phone ownership.

IF (NUMBER(p112513a,f1.0)=1 and p112513c > 0)  phone=1 .
IF (NUMBER(p112513a,f1.0)=1 and p112513c = 0)  phone=2 .
IF (NUMBER(p112513a,f1.0)=2)  phone=2 .
Variable label PHONE 'Ownership of telephone'.
Value labels phone   1  'Yes'
                     2  'No'.
EXECUTE.

****refrigerator ownership.

IF (NUMBER(p112503a,f1.0)=1 and p112503c > 0)  rfridge=1 .
IF (NUMBER(p112503a,f1.0)=1 and p112503c = 0)  rfridge=2 .
IF (NUMBER(p112503a,f1.0)=2)  rfridge=2 .
Variable labels RFRIDGE 'Ownership of refrigerator'.
Value labels rfridge   1  'Yes'
                       2  'No'.
EXECUTE .

****stove ownership.
*cannot be derived.
*var computed and left sysmis.

COMPUTE stove=1.
RECODE
        stove (1=sysmis) .
Variable labels STOVE 'Ownership of stove'.
Value labels stove   1  'Yes'
                     2  'No'.
EXECUTE .

****oxcart ownership.
*cannot be derived.
*var computed and left sysmis.

COMPUTE oxcart=1.
RECODE
        oxcart (1=sysmis) .
Variable labels OXCART 'Ownership of animal cart'.
Value labels oxcart   1  'Yes'
```

```
                        2  'No'.
EXECUTE .

****bicycle ownership.

IF (NUMBER(p112516a,f1.0)=1 and p112516c > 0)  bcycle=1 .
IF (NUMBER(p112516a,f1.0)=1 and p112516c = 0)  bcycle=2 .
IF (NUMBER(p112516a,f1.0)=2)  bcycle=2 .
Variable labels BCYCLE 'Ownership of bicycle'.
Value labels bcycle   1  'Yes'
                      2  'No'.
EXECUTE .

****boat ownership.
*cannot be derived.
*var computed and left sysmis.

COMPUTE boat=1.
RECODE
        boat (1=sysmis) .
Variable labels BOAT 'Ownership of boat'.
Value labels boat   1  'Yes'
                    2  'No'.
EXECUTE .

****motorcycle ownership.

IF (NUMBER(p112515a,f1.0)=1 and p112515c > 0)  mcycle=1 .
IF (NUMBER(p112515a,f1.0)=1 and p112515c = 0)  mcycle=2 .
IF (NUMBER(p112515a,f1.0)=2)  mcycle=2 .
Variable labels MCYCLE 'Ownership of motorcycle'.
Value labels mcycle   1  'Yes'
                      2  'No'.
EXECUTE .

****private car ownership.

IF (NUMBER(p112514a,f1.0)=1 and p112514c > 0)  car=1 .
IF (NUMBER(p112514a,f1.0)=1 and p112514c = 0)  car=2 .
IF (NUMBER(p112514a,f1.0)=2)  car=2 .
Variable labels CAR 'Ownership of private car'.
Value labels car   1  'Yes'
                   2  'No'.
EXECUTE .

****large livestock owned.
*cattle.

COMPUTE llivesk = cow .
Variable label LLIVESK  'Number of large-sized livestock owned'.
EXECUTE .

****meduim sized animals owned.
*goats, pigs and rabbits.
*excludes other.
```

```
COMPUTE mlivesk = gtshp .
Variable label MLIVESK  'Number of medium-sized livestock owned'.
EXECUTE .

****poultry owned.
*chicken, duck.
*excludes other.

COMPUTE poultry = numponow .
Variable label POULTRY  'Number of poultry owned'.
EXECUTE .

****rent.

COMPUTE rent = irenda .
Variable label  RENT  'Monthly house rent'.
EXECUTE .

****education costs.

COMPUTE educost = (((educ_1/91.25)*365)/12) .
Variable label EDUCOST  'Monthly expenditure on education'.
EXECUTE .

****medical costs.

COMPUTE medicost = (SUM(health1/7*365,health2/30.417*365,health3/91.25*365)) / 12 .
Variable label MEDICOST  'Monthly expenditure on health'.
EXECUTE .

****per capita daily calories intake.
*uses total caloric requirements in hosuheold and divides by household size.

COMPUTE pccal = cal3_1 / hhsize .
Variable label  PCCAL  'Per capita daily calories intake'.
EXECUTE .

****per capita food.
*total food expenditure computed by IFPRI.

COMPUTE pcfood = (rafvadp*365/hhsize) .
Variable label PCFOOD  'Per capita food expenditure (annual)'.
Execute.

****per capita expenditure.
*total household expenditure computed by IFPRI.
*includes use value for assets.

COMPUTE pcexp = (rafvtdp*365/hhsize) .
Variable label PCEXP   'Per capita total expenditure (annual)'.
EXECUTE .

****total income.

COMPUTE totinc=1 .
RECODE
```

```
            totinc (1= sysmis) .
Variable label  TOTINC 'Annual household income'.
EXECUTE .

****Price deflators

COMPUTE pdf = pindx_ne.
Variable label PDF  'Regional price deflator'.
EXECUTE .

****compute deflated expenditure using regional price deflators.

COMPUTE dfpcexp=(pcexp/pdf).
Variable label  DFPCEXP  'Regional deflated per capita total expenditure (annual)'.
EXECUTE .

SAVE OUTFILE='C:\Documents and Settings\wb102942\My'+
             ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\finmoz_96_h.sav'.
```

## FINAL TWO DATA FILE CREATED

```
****insert PCEXP and DFPCEXP from finken_94_h.sav to generate quintile and deciles.
*more accurate unlike using HH-level file.
*key as table cos assigns each individual the rankings.

Get FILE='C:\Documents and Settings\wb102942\My'+
          ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\finmoz_96_h.sav'.
SAVE OUTFILE = 'C:\Documents and Settings\wb102942\My'+
                    ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\per capita.sav'
         /KEEP = oricodag newcodag factor4 pcexp dfpcexp .

Get FILE='C:\Documents and Settings\wb102942\My'+
          ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\finmoz_96_i.sav'.

RENAME VAR (codag=oricodag).

MATCH FILES /FILE=*
          /TABLE='C:\Documents and Settings\wb102942\My'+
                    ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\per capita.sav'
         /BY  oricodag.
SAVE OUTFILE='C:\Documents and Settings\wb102942\My'+
          ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\finmoz_96_i.sav'.

****quintile groupings by area of residence and population distribution and annual per capita expenditure.
*takes into account area of residence (rural or urban).

Get FILE='C:\Documents and Settings\wb102942\My'+
          ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\finmoz_96_i.sav'.

WEIGHT  BY wta .

RANK
   VARIABLES=pcexp  (A) BY rururb
          /RANK
          /NTILES (5) into  quintile
          /PRINT=YES
          /TIES=MEAN .
VARIABLE LABELS quintile  'Undeflated quintile by RURURB and PCEXP' .

WEIGHT OFF .
EXECUTE .

****national quintile groupings by population distribution and annual per capita expenditure.
*does not take into account area of residence (rural or urban).

WEIGHT  BY wta .

RANK
   VARIABLES=pcexp  (A)
          /RANK
          /NTILES (5) into  nquintil
          /PRINT=YES
          /TIES=MEAN .
VARIABLE LABELS nquintil  'National undeflated quintile by PCEXP' .
```

```
WEIGHT OFF .
EXECUTE .

****national decile groupings by population distribution and annual per capita expenditure.
*does not take into account area of residence (rural or urban).

WEIGHT  BY wta .

RANK
    VARIABLES=pcexp  (A)
          /RANK
          /NTILES (10) into  ndecil
          /PRINT=YES
          /TIES=MEAN .
VARIABLE LABELS ndecil  'National undeflated decile by PCEXP' .

WEIGHT OFF .
EXECUTE .

****deflated quintile groupings by area of residence and population distribution and deflated per capita expenditure.
*takes into account area of residence (rural or urban).

WEIGHT  BY wta .

RANK
    VARIABLES=dfpcexp  (A) BY rururb
          /RANK
          /NTILES (5) into  dfquin
          /PRINT=YES
          /TIES=MEAN .
VARIABLE LABELS dfquin  'Regional deflated quintile by RURURB and DFPCEXP' .

WEIGHT OFF .
EXECUTE .

****deflated quintile groupings by annual per capita expenditure (adjusted for price)
*does not take into account area of residence (rural or urban).

WEIGHT  BY wta .

RANK
   VARIABLES=dfpcexp  (A)
          /RANK
          /NTILES (5) into  ndfquin
          /PRINT=YES
          /TIES=MEAN .
VARIABLE LABELS ndfquin  'National regional deflated quintile by DFPCEXP' .

WEIGHT OFF .
EXECUTE .

****deflated decile groupings by annual per capita expenditure (adjusted for price)
*does not take into account area of residence (rural or urban).

WEIGHT  BY wta .
```

```
RANK
   VARIABLES=dfpcexp  (A)
          /RANK
          /NTILES (10) into  ndfdecil
          /PRINT=YES
          /TIES=MEAN .
VARIABLE LABELS ndfdecil  'National regional deflated decile by DFPCEXP' .

WEIGHT OFF .
EXECUTE .

SAVE OUTFILE='C:\Documents and Settings\wb102942\My'+
          ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\finmoz_96_i.sav'
         /KEEP = rt prov dist padm ori_area new_area bair quar agre oricodag newcodag fact
                  factor4 inqu supe resu dateinte s1a01 s1a02 s1a02old s1a03 s1a04 s1a05d
                  s1a05m s1a05a datebith datebth s1a06 s1a07 s1a08 s1a09 s1a10 s1a11 s1a12
                  s1b13 s1b14 s1b15 s1b16 s1b17 s1b18 s1b19 s1b20 s1b21 s1b22 s2a01 s2a02a
                  s2a02b s2a02c s2a02d s2a02e s2a02f s2a02g s2a02h s2a03 s2a04 s2a05 s2a06
                  s2a07 s2a08 s2a09 s2a10 s2a11 s2a12 s2a13 s2a14 s2a15 s2a16 s2b17 s2b18
                  s2b19 s2b20 s2b21 s2b22 s2b23 s2b24a s2b24b s2b24c s2b25 s2b26 s2b27 s2b28
                  s2b29 s2b30 s2b31 s2b32 s2b331 s2b332 s2b333 s2b334 s2b335 s2b336 s2b337
                  s2b338 s2b339 s2b34 s2b351 s2b352 s2b353 s2b36 s2b37 s2c38 s2c39 s2c40 s2c41
                  s2c42 s2c43 s2c44 s2c45 s2c46 s2c47 s2c48 s2c49 s2c50 s2c51 s2c52 s2c53
                  s2c54 s2c55 s2c56 s2c57d s2c57 s2c58a s2c58b s2c58c s2c58d s2c59 s301 s302
                  s303 s304a s304b s305 s306 s307a s307b s308 s309 s310 s311 s401 s402 s403
                  s404 s405 s406 s407 s408 s409 s410 s411 s414 s415 s416 s417 s418 s419 s420
                  s421 s422 s423 s424 s427 s428 s429 s430 s431 s432 s433 pess tot dtot salary
                  profit s1a05da s1a05ma s1a05aa months agey1 s2c38a fldwhoha fldwhowa
                  fldwhowh fldbmi sexfe ageyfe educfe indidma sexma ageyma relatma educma
                  country geocode1 geocode2 hid surveyr rururb wta indid sex relat agey
                  marstat adulteq cal1 cal2 cal3 literacy everattd educlev atschool schltyp
                  morb_tr morbid rtreatm hprovide owhprovd fplan seach_tr search empl occupat
                  statocc industry labinc hourwrk agem whdeliv bweight vaccine measles weight
                  height haz stunted whz wasted waz underwgh mage meduc feduc pcexp dfpcexp
                  quintile nquintil ndecil dfquin ndfquin ndfdecil .

****final file for individual-level standard file.
*file had 42,777 members.
*file will now have 42,668 members.
*these selected had valid expenditure.
*24 households dropped.
* NOTE: this assumes that individual ids are only within the household, not unique in sample.

Get FILE='C:\Documents and Settings\wb102942\My'+
          ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\finmoz_96_i.sav'
         /KEEP =  country geocode1 geocode2 hid surveyr rururb wta indid sex relat agey marstat
                  literacy everattd educlev atschool schltyp morb_tr morbid rtreatm hprovide
                  owhprovd fplan seach_tr search empl occupat statocc industry hourwrk labinc
                  fetwater fetwood cooking childcar hkeeping agem whdeliv bweight vaccine
                  measles weight height haz stunted whz wasted waz underwgh mage meduc feduc
                  quintile nquintil ndecil dfquin ndfquin ndfdecil.

FILTER OFF.
USE ALL.
SELECT IF(wta > 0).
EXECUTE .
```

```
FORMATS country(A3).
FORMATS geocode1(A20).
FORMATS geocode2(A20).
FORMATS hid(A20).
FORMATS surveyr(f4.0).
FORMATS rururb(f1.0).
FORMATS wta(f4.2).
FORMATS indid(f3.0).
FORMATS sex(f1.0).
FORMATS relat(f1.0).
FORMATS agey(f2.0).
FORMATS marstat(f1.0).
FORMATS literacy(f1.0).
FORMATS everattd(f1.0).
FORMATS educlev(f2.0).
FORMATS atschool(f1.0).
FORMATS schltyp(f1.0).
FORMATS morb_tr(f3.0).
FORMATS morbid(f1.0).
FORMATS rtreatm(f1.0).
FORMATS hprovide(f1.0).
FORMATS owhprovd(f1.0).
FORMATS fplan(f1.0).
FORMATS seach_tr(f3.0).
FORMATS search(f1.0).
FORMATS empl(f1.0).
FORMATS occupat(f1.0).
FORMATS statocc(f1.0).
FORMATS industry(f2.0).
FORMATS hourwrk(f3.0).
FORMATS labinc(f11.2).
FORMATS fetwater(f1.0).
FORMATS fetwood(f1.0).
FORMATS cooking(f1.0).
FORMATS childcar(f1.0).
FORMATS hkeeping(f1.0).
FORMATS agem(f2.0).
FORMATS whdeliv(f1.0).
FORMATS bweight(f6.0).
FORMATS vaccine(f1.0).
FORMATS measles(f1.0).
FORMATS weight(f6.0).
FORMATS height(f4.0).
FORMATS haz(f5.2).
FORMATS stunted(f1.0).
FORMATS whz(f5.2).
FORMATS wasted(f1.0).
FORMATS waz(f5.2).
FORMATS underwgh(f1.0).
FORMATS mage(f2.0).
FORMATS meduc(f2.0).
FORMATS feduc(f2.0).
FORMATS quintile(f1.0).
FORMATS nquintil(f1.0).
FORMATS ndecil(f2.0).
FORMATS dfquin(f1.0).
```

```
FORMATS ndfquin(f1.0).
FORMATS ndfdecil(f2.0).
SORT CASES BY  country  hid  rururb.
SAVE OUTFILE='C:\Documents and Settings\wb102942\My'+
          ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\MOZ_96_I.sav'.

****final household-level standard file.
*insert quintile and deflated quintile from finmoz_96_i.sav.
*file has 8,250 households.

Get FILE='C:\Documents and Settings\wb102942\My'+
          ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\finmoz_96_i.sav'.

FILTER OFF.
USE ALL.
SELECT IF (relat=1).

SORT CASES BY country  hid  rururb.
SAVE OUTFILE='C:\Documents and Settings\wb102942\My'+
          ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\quintiles.sav'
         /KEEP =  country  hid  quintile nquintil ndecil dfquin ndfquin ndfdecil.

Get FILE='C:\Documents and Settings\wb102942\My'+
          ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\finmoz_96_h.sav'.

SORT CASES BY country  hid  rururb.

MATCH FILES /FILE=*
          /FILE='C:\Documents and Settings\wb102942\My'+
                    ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\quintiles.sav'
         /BY  country  hid .
SAVE OUTFILE='C:\Documents and Settings\wb102942\My'+
                    ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\finmoz_96_h.sav'.

Get FILE='C:\Documents and Settings\wb102942\My'+
          ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\finmoz_96_h.sav'
            /KEEP =  country hid geocode1 geocode2 surveyr rururb wta hhsex hhagey hhstruc hheduc
                    hhempl hhoccu hhstatoc hhindu hhsegrp hhsize fao_adq ownhouse roof_1 roof
                    walls_1 walls floor_1 floor rooms water_1 water diswat timwat fuel toilet_1
                    toilet dismark timmark dispscho timpscho dissscho timsscho disheal timheal
                    ownland landsize radio tv phone rfridge stove oxcart bcycle boat mcycle car
                    llivesk mlivesk poultry rent educost medicost pccal totinc pcfood pcexp
                    quintile nquintil ndecil pdf dfpcexp dfquin ndfquin ndfdecil.

FILTER OFF.
USE ALL.
SELECT IF(wta > 0).
EXECUTE .

FORMATS country(A3).
FORMATS geocode1(A20).
FORMATS geocode2(A20).
FORMATS hid(A20).
FORMATS surveyr(f4.0).
FORMATS rururb(f1.0).
FORMATS wta(f4.0).
```

```
FORMATS hhsex(f1.0).
FORMATS hhagey(f2.0).
FORMATS hhstruc(f2.0).
FORMATS hheduc(f2.0).
FORMATS hhempl(f1.0).
FORMATS hhoccu(f1.0).
FORMATS hhstatoc(f1.0).
FORMATS hhindu(f2.0).
FORMATS hhsegrp(f1.0).
FORMATS hhsize(f2.0).
FORMATS fao_adq(f3.2).
FORMATS ownhouse(f1.0).
FORMATS roof_1(f2.0).
FORMATS roof(f1.0).
FORMATS walls_1(f2.0).
FORMATS walls(f1.0).
FORMATS floor_1(f2.0).
FORMATS floor(f1.0).
FORMATS rooms(f2.0).
FORMATS water_1(f2.0).
FORMATS water(f1.0).
FORMATS diswat(f1.0).
FORMATS timwat(f1.0).
FORMATS fuel(f1.0).
FORMATS toilet_1(f1.0).
FORMATS toilet(f1.0).
FORMATS dismark(f1.0).
FORMATS timmark(f1.0).
FORMATS timpscho(f1.0).
FORMATS dispscho(f1.0).
FORMATS timsscho(f1.0).
FORMATS dissscho(f1.0).
FORMATS disheal(f1.0).
FORMATS timheal(f1.0).
FORMATS ownland(f1.0).
FORMATS landsize(f5.0).
FORMATS radio(f1.0).
FORMATS tv(f1.0).
FORMATS phone(f1.0).
FORMATS rfridge(f1.0).
FORMATS stove(f1.0).
FORMATS oxcart(f1.0).
FORMATS bcycle(f1.0).
FORMATS boat(f1.0).
FORMATS mcycle(f1.0).
FORMATS car(f1.0).
FORMATS llivesk(f5.0).
FORMATS mlivesk(f5.0).
FORMATS poultry(f5.0).
FORMATS rent(f9.0).
FORMATS educost(f9.0).
FORMATS medicost(f9.0).
FORMATS pccal(f4.0).
FORMATS pcfood(f9.0).
FORMATS pcexp(f9.0).
FORMATS totinc(f9.0).
```

```
FORMATS quintile(f1.0).
FORMATS nquintil(f1.0).
FORMATS ndecil(f2.0).
FORMATS pdf(f4.2).
FORMATS dfpcexp(f9.0).
FORMATS dfquin(f1.0).
FORMATS ndfquin(f1.0).
FORMATS ndfdecil(f2.0).
SAVE OUTFILE='C:\Documents and Settings\wb102942\My'+
        ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\MOZ_96_H.sav'.
```

## CONSISTENCY CHECKS

This section contains major checks done.
Some checks are part of the standardized file extraction or creation.

**********
*var=codag is wrong in some files.
*this is because some clusters were coded rural-urban and vice versa.
*12 households in the urban areas and 9 in rural was the sample survey.
*yet in survey this has been inter-changed.
*separate HOUSEHOLD ID file created and this will be merged with all files (HH unique identifier.sav).
*file created by Jim Otto.
*correct area for area of residence.
*this file only has 8,274 households.
*as a result, all files have oricodag and codag.
*ori_area and area to rectify for the errors.
*fact and factor4 for cluster weights for 8,274 households and 8,250 households respectively.
*in the poverty analyses, 8,250 households used.

| *File name* | *Description* | *Section - Part* | *No. of cases* | *No. of cases that can be used for standardization based on households with expenditure* |
|---|---|---|---|---|
| RR01.sav | Individual level information | 1-4 | 42,777 | 42,668 |
| RR02.sav | Monthly expenditure | 5 | 14,594 | 14,554 |
| RR03.sav | Trimester expenditure | 6 | 16,507 | 16,476 |
| RR04.sav | Livestock and agricultural activities | 7 (part A) | 7,989 | 7,969 |
| RR05.sav | Livestock and agricultural activities | 7 (part A) | 14,646 | 14,479 |
| RR06.sav | Crop production and sale last 3 months – horticulture | 7 (part B1) | 7,668 | 7,658 |
| RR07.sav | Crop production and sale last 3 months - other crops | 7 (part B2) | 21,141 | 21,116 |
| RR08.sav | Crop production and sale last 3 months – fruits | 7 (part C) | 11,017 | 11,002 |
| RR09.sav | Animal production - costs last 12 months | 7 (part D) | 7,166 | 7,149 |
| RR10.sav | Animal production - animals owned last 12 months | 7 (part D) | 6,262 | 6,258 |
| RR11.sav | Transfer out | 8 | 4,275 | 4,264 |
| RR12.sav | Financial transaction | 9 | 4,589 | 4,579 |

| | | | | |
|---|---|---|---|---|
| RR13.sav | Income last 1 month | 10 | 10,034 | 10,009 |
| RR14.sav | Household assets and amenities | 11 | 8,274 | 8,250 |
| RR15.sav | Last one week | Diary | 228,289 | 228,179 |
| RR15a.sav | | Diary | 30,651 | 30,551 |
| RR16.sav | | Personal expenditure | 6,985 | 6,981 |
| RENT.sav | Annual rent | Annual | | 8,274 |
| EXPENDITURE.sav | Daily total expenditure | | | 8,250 |

RR15a.sav and RR16.sav were not used for expenditure computations due to large differences which implied that statndard errors were too large.

(a)
```
Get FILE='C:\Documents and Settings\wb102942\My'+
        ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\update data\rr01.sav'.

SORT CASES BY codag s1a01.

RENAME VAR (area=ori_area)  (codag=oricodag).

MATCH FILES /FILE=*
        /TABLE='C:\Documents and Settings\wb102942\My'+
                ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\update data\HH unique identifier.sav'
        /RENAME (dateinte fact factor4 prov dis padm area bair quar agre = d0 d1 d2 d3 d4 d5 d6 d7 d8 d9 d10)
        /BY oricodag
        /DROP= d0 d1 d2 d3 d4 d5 d6 d7 d8 d9 d10.

RENAME VAR (prov1=prov) (dist1=dist) (padm1=padm) (area1=area) (bair1=bair) (quar1=quar) (agre1=agre).
SAVE OUTFILE='C:\Documents and Settings\wb102942\My'+
        ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\update data\rr01.sav'.
```

(b)
```
Get FILE='C:\Documents and Settings\wb102942\My'+
        ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\update data\rr02.sav'.

SORT CASES BY codag.

RENAME VAR (area=ori_area)  (codag=oricodag).

MATCH FILES /FILE=*
        /TABLE='C:\Documents and Settings\wb102942\My'+
                ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\update data\HH unique identifier.sav'
        /BY oricodag.

RENAME VAR (prov1=prov) (dist1=dist) (padm1=padm) (area1=area) (bair1=bair) (quar1=quar) (agre1=agre).
SAVE OUTFILE='C:\Documents and Settings\wb102942\My'+
        ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\update data\rr02.sav'.
```

(c)
```
Get FILE='C:\Documents and Settings\wb102942\My'+
        ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\update data\rr03.sav'.

SORT CASES BY codag.

RENAME VAR (area=ori_area)  (codag=oricodag).

MATCH FILES /FILE=*
        /TABLE='C:\Documents and Settings\wb102942\My'+
                ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\update data\HH unique identifier.sav'
        /BY oricodag.

RENAME VAR (prov1=prov) (dist1=dist) (padm1=padm) (area1=area) (bair1=bair) (quar1=quar) (agre1=agre).
SAVE OUTFILE='C:\Documents and Settings\wb102942\My'+
        ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\update data\rr03.sav'.
```

(d)
```
Get FILE='C:\Documents and Settings\wb102942\My'+
        ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\update data\rr04.sav'.

STRING codag (A15).
COMPUTE codag = CONCAT(prov,dist,padm,area,bair,quar,agre) .

SORT CASES BY codag.

RENAME VAR (area=ori_area)  (codag=oricodag).

MATCH FILES /FILE=*
        /TABLE='C:\Documents and Settings\wb102942\My'+
                ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\update data\HH unique identifier.sav'
        /BY oricodag.

RENAME VAR (prov1=prov) (dist1=dist) (padm1=padm) (area1=area) (bair1=bair) (quar1=quar) (agre1=agre).
SAVE OUTFILE='C:\Documents and Settings\wb102942\My'+
        ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\update data\rr04.sav'.
```

(e)
```
*041301401004001; 041301401004002; 041301401004003; 041301401004004; 041301401004005.
*041301401004006; 041301401004007; 041301401004007; 041301401004008; 041301401004009.
*the above hhs have a wrong ID for area of residence of 4 and this is out of range
*codes are 1 or 2 for urban and rural.
*area changed from 4 to 2 (16 cases).

Get FILE='C:\Documents and Settings\wb102942\My'+
        ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\update data\rr05.sav'.

DO IF (number(area,f1.0)=4) .
RECODE
        area  ('4'='2')  .
END IF .
EXECUTE .

STRING codag (A15).
COMPUTE codag = CONCAT(prov,dist,padm,area,bair,quar,agre) .

SORT CASES BY codag.

RENAME VAR (area=ori_area)  (codag=oricodag).
```

```
MATCH FILES /FILE=*
        /TABLE='C:\Documents and Settings\wb102942\My'+
                ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\update data\HH unique identifier.sav'
        /BY oricodag.

SAVE OUTFILE='C:\Documents and Settings\wb102942\My'+
        ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\update data\rr05.sav'.
```

(f)

```
*041301401004001; 041301401004002; 041301401004003; 041301401004004; 041301401004005.
*041301401004006; 041301401004007; 041301401004008; 041301401004009.
*the above hhs have a wrong ID for area of residence of 4 and this is out of range.
*codes are 1 or 2 for urban and rural.
*area changed from 4 to 2 (8 cases).

Get FILE='C:\Documents and Settings\wb102942\My'+
        ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\update data\rr06.sav'.

DO IF (number(area,f1.0)=4) .
RECODE
        area  ('4'='2')  .
END IF .
EXECUTE .

STRING codag (A15).
COMPUTE codag = CONCAT(prov,dist,padm,area,bair,quar,agre) .

SORT CASES BY codag.

RENAME VAR (area=ori_area)  (codag=oricodag).

MATCH FILES /FILE=*
        /TABLE='C:\Documents and Settings\wb102942\My'+
                ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\update data\HH unique identifier.sav'
        /BY oricodag.

RENAME VAR (prov1=prov) (dist1=dist) (padm1=padm) (area1=area) (bair1=bair) (quar1=quar) (agre1=agre).
SAVE OUTFILE='C:\Documents and Settings\wb102942\My'+
        ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\update data\rr06.sav'.
```

(g)

```
*041301401004001; 041301401004002; 041301401004003; 041301401004004; 041301401004005.
*041301401004006; 041301401004007; 041301401004008; 041301401004009.
*the above hhs have a wrong ID for area of residence of 4 and this is out of range.
*codes are 1 or 2 for urban and rural.
*area changed from 4 to 2 (14 cases).

Get FILE='C:\Documents and Settings\wb102942\My'+
        ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\update data\rr07.sav'.

DO IF (number(area,f1.0)=4) .
RECODE
        area  ('4'='2')  .
END IF .
EXECUTE .

STRING codag (A15).
```

```
COMPUTE codag = CONCAT(prov,dist,padm,area,bair,quar,agre) .

SORT CASES BY codag.

RENAME VAR (area=ori_area)  (codag=oricodag).

MATCH FILES /FILE=*
        /TABLE='C:\Documents and Settings\wb102942\My'+
                ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\update data\HH unique identifier.sav'
        /BY oricodag.

RENAME VAR (prov1=prov) (dist1=dist) (padm1=padm) (area1=area) (bair1=bair) (quar1=quar) (agre1=agre).
SAVE OUTFILE='C:\Documents and Settings\wb102942\My'+
        ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\update data\rr07.sav'.
```

(h)
```
*041301401004001; 041301401004002; 041301401004003; 041301401004004; 041301401004005.
*041301401004006; 041301401004007; 041301401004008; 041301401004009.
*the above hhs have a wrong ID for area of residence of 4 and this is out of range.
*codes are 1 or 2 for urban and rural.
*area changed from 4 to 2 (9 cases).

Get FILE='C:\Documents and Settings\wb102942\My'+
        ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\update data\rr08.sav'.

DO IF (number(area,f1.0)=4) .
RECODE
        area  ('4'='2')  .
END IF .
EXECUTE .

STRING codag (A15).
COMPUTE codag = CONCAT(prov,dist,padm,area,bair,quar,agre) .

SORT CASES BY codag.

RENAME VAR (area=ori_area)  (codag=oricodag).

MATCH FILES /FILE=*
        /TABLE='C:\Documents and Settings\wb102942\My'+
                ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\update data\HH unique identifier.sav'
        /BY oricodag.

RENAME VAR (prov1=prov) (dist1=dist) (padm1=padm) (area1=area) (bair1=bair) (quar1=quar) (agre1=agre).
SAVE OUTFILE='C:\Documents and Settings\wb102942\My'+
        ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\update data\rr08.sav'.
```

(i)
```
*041301401004001; 041301401004002; 041301401004003; 041301401004004; 041301401004005.
*041301401004006; 041301401004007; 041301401004008; 041301401004009.
*the above hhs have a wrong ID for area of residence of 4 and this is out of range.
*codes are 1 or 2 for urban and rural.
*area changed from 4 to 2 (4 cases).

Get FILE='C:\Documents and Settings\wb102942\My'+
        ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\update data\rr09.sav'.
```

```
DO IF (number(area,f1.0)=4) .
RECODE
          area  ('4'='2')  .
END IF .
EXECUTE .

STRING codag (A15).
COMPUTE codag = CONCAT(prov,dist,padm,area,bair,quar,agre) .

SORT CASES BY codag.

RENAME VAR (area=ori_area)  (codag=oricodag).

MATCH FILES /FILE=*
        /TABLE='C:\Documents and Settings\wb102942\My'+
                ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\update data\HH unique identifier.sav'
        /BY oricodag.

RENAME VAR (prov1=prov) (dist1=dist) (padm1=padm) (area1=area) (bair1=bair) (quar1=quar) (agre1=agre).
SAVE OUTFILE='C:\Documents and Settings\wb102942\My'+
          ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\update data\rr09.sav'.
```

(j)
```
*041301401004001; 041301401004002; 041301401004003; 041301401004004; 041301401004005.
*041301401004006; 041301401004007; 041301401004008; 041301401004009.
*the above hhs have a wrong ID for area of residence of 4 and this is out of range.
*codes are 1 or 2 for urban and rural.
*area changed from 4 to 2 (? cases).

Get FILE='C:\Documents and Settings\wb102942\My'+
          ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\update data\rr10.sav'.

DO IF (number(area,f1.0)=4) .
RECODE
          area  ('4'='2')  .
END IF .
EXECUTE .

STRING codag (A15).
COMPUTE codag = CONCAT(prov,dist,padm,area,bair,quar,agre) .

SORT CASES BY codag.

RENAME VAR (area=ori_area)  (codag=oricodag).

MATCH FILES /FILE=*
        /TABLE='C:\Documents and Settings\wb102942\My'+
                ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\update data\HH unique identifier.sav'
        /BY oricodag.

RENAME VAR (prov1=prov) (dist1=dist) (padm1=padm) (area1=area) (bair1=bair) (quar1=quar) (agre1=agre).
SAVE OUTFILE='C:\Documents and Settings\wb102942\My'+
          ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\update data\rr10.sav'.
```

(k)
```
Get FILE='C:\Documents and Settings\wb102942\My'+
          ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\update data\rr11.sav'.
```

```
STRING codag (A15).
COMPUTE codag = CONCAT(prov,dist,padm,area,bair,quar,agre) .

SORT CASES BY codag.

RENAME VAR (area=ori_area)  (codag=oricodag).

MATCH FILES /FILE=*
        /TABLE='C:\Documents and Settings\wb102942\My'+
                ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\update data\HH unique identifier.sav'
        /BY oricodag.

RENAME VAR (prov1=prov) (dist1=dist) (padm1=padm) (area1=area) (bair1=bair) (quar1=quar) (agre1=agre).
SAVE OUTFILE='C:\Documents and Settings\wb102942\My'+
        ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\update data\rr11.sav'.

(l)     Get FILE='C:\Documents and Settings\wb102942\My'+
        ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\update data\rr12.sav'.

STRING codag (A15).
COMPUTE codag = CONCAT(prov,dist,padm,area,bair,quar,agre) .

SORT CASES BY codag.

RENAME VAR (area=ori_area)  (codag=oricodag).

MATCH FILES /FILE=*
        /TABLE='C:\Documents and Settings\wb102942\My'+
                ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\update data\HH unique identifier.sav'
        /BY oricodag.

RENAME VAR (prov1=prov) (dist1=dist) (padm1=padm) (area1=area) (bair1=bair) (quar1=quar) (agre1=agre).
SAVE OUTFILE='C:\Documents and Settings\wb102942\My'+
        ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\update data\rr12.sav'.

(m)     Get FILE='C:\Documents and Settings\wb102942\My'+
        ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\update data\rr13.sav'.

STRING codag (A15).
COMPUTE codag = CONCAT(prov,dist,padm,area,bair,quar,agre) .

SORT CASES BY codag.

RENAME VAR (area=ori_area)  (codag=oricodag).

MATCH FILES /FILE=*
        /TABLE='C:\Documents and Settings\wb102942\My'+
                ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\update data\HH unique identifier.sav'
        /BY oricodag.

RENAME VAR (prov1=prov) (dist1=dist) (padm1=padm) (area1=area) (bair1=bair) (quar1=quar) (agre1=agre).
SAVE OUTFILE='C:\Documents and Settings\wb102942\My'+
        ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\update data\rr13.sav'.

(n)     Get FILE='C:\Documents and Settings\wb102942\My'+
        ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\update data\rr14.sav'.
```

```
STRING codag (A15).
COMPUTE codag = CONCAT(prov,dist,padm,area,bair,quar,agre) .

SORT CASES BY codag.

RENAME VAR (area=ori_area)  (codag=oricodag).

MATCH FILES /FILE=*
        /TABLE='C:\Documents and Settings\wb102942\My'+
                ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\update data\HH unique identifier.sav'
        /BY oricodag.

RENAME VAR (prov1=prov) (dist1=dist) (padm1=padm) (area1=area) (bair1=bair) (quar1=quar) (agre1=agre).
SAVE OUTFILE='C:\Documents and Settings\wb102942\My'+
         ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\update data\rr14.sav'.
```

(o)

```
Get FILE='C:\Documents and Settings\wb102942\My'+
         ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\update data\rr15.sav'.

STRING codag (A15).
COMPUTE codag = CONCAT(prov,dist,padm,area,bair,quar,agre) .

SORT CASES BY codag.

RENAME VAR (area=ori_area)  (codag=oricodag).

MATCH FILES /FILE=*
        /TABLE='C:\Documents and Settings\wb102942\My'+
                ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\update data\HH unique identifier.sav'
        /BY oricodag.

RENAME VAR (prov1=prov) (dist1=dist) (padm1=padm) (area1=area) (bair1=bair) (quar1=quar) (agre1=agre).
SAVE OUTFILE='C:\Documents and Settings\wb102942\My'+
         ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\update data\rr15.sav'.
```

(p)

```
Get FILE='C:\Documents and Settings\wb102942\My'+
         ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\update data\rr15a.sav'.

STRING codag (A15).
COMPUTE codag = CONCAT(prov,dist,padm,area,bair,quar,agre) .

SORT CASES BY codag.

RENAME VAR (area=ori_area)  (codag=oricodag).

MATCH FILES /FILE=*
        /TABLE='C:\Documents and Settings\wb102942\My'+
                ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\update data\HH unique identifier.sav'
        /BY oricodag.

RENAME VAR (prov1=prov) (dist1=dist) (padm1=padm) (area1=area) (bair1=bair) (quar1=quar) (agre1=agre).
SAVE OUTFILE='C:\Documents and Settings\wb102942\My'+
         ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\update data\rr15a.sav'.
```

```
(q)     Get FILE='C:\Documents and Settings\wb102942\My'+
              ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\update data\rr16.sav'.

        STRING codag (A15).
        COMPUTE codag = CONCAT(prov,dist,padm,area,bair,quar,agre) .

        SORT CASES BY codag.

        RENAME VAR (area=ori_area)  (codag=oricodag).

        MATCH FILES /FILE=*
              /TABLE='C:\Documents and Settings\wb102942\My'+
                    ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\update data\HH unique identifier.sav'
              /BY oricodag.

        RENAME VAR (prov1=prov) (dist1=dist) (padm1=padm) (area1=area) (bair1=bair) (quar1=quar) (agre1=agre).
        SAVE OUTFILE='C:\Documents and Settings\wb102942\My'+
              ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\update data\rr16.sav'.

(r)     *expenditure file.
        *generated by IFPRI.

        Get  FILE='C:\Documents and Settings\wb102942\My'+
              ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\update data\perfpob3.sav'.

        RENAME VAR (idaf=idaf1).
        STRING idaf (A11).
        COMPUTE idaf = STRING(idaf1,f11.0) .
        EXECUTE .

        RENAME VAR (idupa=idupa1).
        STRING idupa (A11).
        COMPUTE idupa = STRING(idupa1,f11.0) .
        EXECUTE .

        SAVE OUTFILE='C:\Documents and Settings\wb102942\My'+
                    ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\update data\expenditure.sav'.

        Get FILE='C:\Documents and Settings\wb102942\My'+
                    ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\update data\expenditure.sav'.

        MATCH FILES /FILE=*
              /FILE='C:\Documents and Settings\wb102942\My'+
                    ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\update data\HH unique'+
                    ' identifier.sav'
              /BY codag.
        SAVE OUTFILE='C:\Documents and Settings\wb102942\My'+
                    ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\update data\expenditure.sav'.

(s)     *get rent file.
        *generated by IFPRI.
        *see ANNEX for hedonic rent co-efficents.
        *idaf = (ext, prov, dist, padm, area, quar, agre).
        *idupa = (ext, prov, dist, padm, area, quar).
        *convert variables into STRING so to link with other files.
```

```
Get FILE='C:\Documents and Settings\wb102942\My'+
                    ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\update'+
                    ' data\iaf96\trab\cons\criav04.sys'.

STRING prov (A2).
COMPUTE prov = STRING(provin,f2.0) .
Variable label PROV ‘Province’.
EXECUTE .

RENAME VAR (area=area1).
STRING area (A1).
COMPUTE area = STRING(area1,f1.0) .
Variable label AREA ‘Arae of residence’.
EXECUTE .

STRING dia (A2).
COMPUTE dia = STRING(dia_vis,f2.0) .
Variable label DIA ‘Day of interview’.
EXECUTE .

STRING mes (A2).
COMPUTE mes = STRING(mes_vis,f2.0) .
Variable label MES ‘Month of interview’.
EXECUTE .

STRING ano (A2).
COMPUTE ano = STRING(ano_vis,f2.0) .
Variable label ANO ‘Year of interview’.
EXECUTE .

COMPUTE dia1 = NUMBER(dia,f2.0) .
COMPUTE mes1 = NUMBER(mes,f2.0) .
COMPUTE ano1 = NUMBER(ano,f2.0) .

COMPUTE dateinte = DATE.DMY(dia1,mes1,ano1) .
Variable label DATEINTE 'Date of interview'.
EXECUTE .

RENAME VAR (idaf=idaf1).
STRING idaf (A11).
COMPUTE idaf = STRING(idaf1,f11.0) .
EXECUTE .

RENAME VAR (idupa=idupa1).
STRING idupa (A11).
COMPUTE idupa = STRING(idupa1,f11.0) .
EXECUTE .
SAVE OUTFILE='C:\Documents and Settings\wb102942\My'+
                    ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\update data\rent.sav'
          /KEEP = idaf idupa idbl valor renda irenda tipohab prlrenda dia mes ano dateinte .

Get FILE='C:\Documents and Settings\wb102942\My'+
                    ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\update data\rent.sav'.

MATCH FILES /FILE=*
           /FILE='C:\Documents and Settings\wb102942\My'+
```

```
                    ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\update data\expenditure.sav'
          /RENAME (aftam area cr idupa linpob linpoba linupob pindx_ne pob rafvadp
                    rafvtdp upob = d0 d1 d2 d3 d4 d5 d6 d7 d8 d9 d10 d11)
          /BY idaf
          /DROP= d0 d1 d2 d3 d4 d5 d6 d7 d8 d9 d10 d11.
SAVE OUTFILE='C:\Documents and Settings\wb102942\My'+
                    ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\update data\rent.sav'
         /KEEP = oricodag codag idaf idupa idbl prov dis padm area bair quar agre ext fact
                    factor4 tipohab rendamen valor renda irenda prlrenda dia mes ano .

(t)  *use value for different assets.
     *generated by IFPRI.
     *see Annex for details.

     Get  FILE='C:\Documents and Settings\wb102942\My'+
          ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\update'+
          ' data\iaf96\trab\cons\cdrav02.sys'.

     RENAME VAR (idaf=idaf1).
     STRING idaf (A11).
     COMPUTE idaf = STRING(idaf1,f11.0) .
     EXECUTE .

     RENAME VAR (idupa=idupa1).
     STRING idupa (A11).
     COMPUTE idupa = STRING(idupa1,f11.0) .
     EXECUTE .

*************************************************************************************************
*convert day, month and year into NUMBER so as to compute date of birth.
*6 dates before start of survey period.  Changed these to Feb
*7 dates after end of survey period.  Changed these to April.

Get FILE='C:\Documents and Settings\wb102942\My'+
          ' Documents\Hhdbase\stdfiles\Moz\MOZ\update data\rr14.sav'.

COMPUTE dia1 = NUMBER(dia,f2.0) .

COMPUTE mes1 = NUMBER(mes,f2.0) .

COMPUTE ano1 = NUMBER(ano,f2.0) .

COMPUTE dateinte = DATE.DMY(dia1,mes1,ano1) .
Variable label DATEINTE 'Date of interview'.
EXECUTE .

SAVE OUTFILE='C:\Documents and Settings\wb102942\My'+
          ' Documents\Hhdbase\stdfiles\Moz\MOZ\update data\rr14.sav'
          /KEEP = rt codag dtot resti prov dist padm area bair quar fact agre inqu resu supe
                    p1101 p1102 p1103 p1104 p1105 p1106 p1107 p1108 p1109 p1110 p1111 p1112
                    p1113 p1114 p1115 p1116 p1117 p1118 p1119 p1120 p1121 p1122 p1123 p1124
                    p112501a p112501b p112501c p112502a p112502b p112502c p112503a p112503b
                    p112503c p112504a p112504b p112504c p112505a p112505b p112505c p112506a
                    p112506b p112506c p112507a p112507b p112507c p112508a p112508b p112508c
                    p112509a p112509b p112509c p112510a p112510b p112510c p112511a p112511b
                    p112511c p112512a p112512b p112512c p112513a p112513b p112513c p112514a
```

```
                p112514b p112514c p112515a p112515b p112515c p112516a p112516b p112516c
                p1126 p1127a p1127b p1127c p1127d p1127e p1127f p1127g p1128aa p1128ab
                p1128ac p1128ad p1128ae p1128af p1128ag p1128ba p1128bb p1128bc p1128bd
                p1128be p1128bf p1128bg p1129 p11301a p11301b p11302a p11302b p11303a
                p11303b p11304a p11304b dia mes ano dateinte

*************************************************************************************************************
*year of birth not properly coded.
*maybe changed during conversion from DBF to SPSS.

Get FILE='C:\Documents and Settings\wb102942\My'+
        ' Documents\Hhdbase\stdfiles\Moz\MOZ\update data\rr01.sav'.

COMPUTE year = NUMBER(s1a05a,f4.0) .

COMPUTE year1 = year + 1000 .

COMPUTE s1a05a = STRING(year1,f4.0) .
EXECUTE .

*convert day, month and year into NUMBER so as to compute date of birth.

COMPUTE s1a05da = NUMBER(s1a05d,f2.0) .

COMPUTE s1a05ma = NUMBER(s1a05m,f2.0) .

COMPUTE s1a05aa = NUMBER(s1a05a,f2.0) .

COMPUTE datebith = DATE.DMY(s1a05da,s1a05ma,s1a05aa) .
Variable label DATEBITH  'Date of birth'.
EXECUTE .

SAVE OUTFILE='C:\Documents and Settings\wb102942\My'+
        ' Documents\Hhdbase\stdfiles\Moz\MOZ\update data\rr01.sav'
       /KEEP = rt prov dist padm area bair quar agre codag fact inqu resu supe s1a01 s1a02
                s1a03 s1a04 s1a05da s1a05ma s1a05aa datebith s1a06 s1a07
                s1a08 s1a09 s1a10 s1a11 s1a12 s1b13 s1b14 s1b15 s1b16 s1b17 s1b18 s1b19
                s1b20 s1b21 s1b22 s2a01 s2a02a s2a02b s2a02c s2a02d s2a02e s2a02f s2a02g
                s2a02h s2a03 s2a04 s2a05 s2a06 s2a07 s2a08 s2a09 s2a10 s2a11 s2a12 s2a13
                s2a14 s2a15 s2a16 s2b17 s2b18 s2b19 s2b20 s2b21 s2b22 s2b23 s2b24a s2b24b
                s2b24c s2b25 s2b26 s2b27 s2b28 s2b29 s2b30 s2b31 s2b32 s2b331 s2b332 s2b333
                s2b334 s2b335 s2b336 s2b337 s2b338 s2b339 s2b34 s2b351 s2b352 s2b353 s2b354
                s2b355 s2b356 s2b357 s2b358 s2b359 s2b36 s2b37 s2c38 s2c39 s2c40 s2c41 s2c42
                s2c43 s2c44 s2c45 s2c46 s2c47 s2c48 s2c49 s2c50 s2c51 s2c52 s2c53 s2c54
                s2c55 s2c56 s2c57 s2c58a s2c58b s2c58c s2c58d s2c59 s301 s302 s303 s304a
                s304b s305 s306 s307a s307b s308 s309 s310 s311 s401 s402 s403 s404 s405
                s406 s407 s408 s409 s410 s411 s414 s415 s416 s417 s418 s419 s420 s421 s422
                s423 s424 s427 s428 s429 s430 s431 s432 s433 pess tot dtot.

Get FILE='C:\Documents and Settings\wb102942\My'+
        ' Documents\Hhdbase\stdfiles\Moz\MOZ\update data\rr01.sav'.

RENAME VAR (s1a05da=s1a05d)  (s1a05ma=s1a05m)  (s1a05aa=s1a05a).
SAVE OUTFILE='C:\Documents and Settings\wb102942\My'+
        ' Documents\Hhdbase\stdfiles\Moz\MOZ\update data\rr01.sav'.
```

```
**************************************************************************************************
*8 cases missing information across.
*these deleted from file.
*reduces file to 42,777 cases from 42,785.

Get FILE='C:\Documents and Settings\wb102942\My'+
	' Documents\Hhdbase\stdfiles\Moz\MOZ\update data\rr01.sav'.

FILTER OFF.
USE ALL.
SELECT IF (sysmis(sex)).

SAVE OUTFILE='C:\Documents and Settings\wb102942\My'+
	' Documents\Hhdbase\stdfiles\Moz\MOZ\update data\rr01.sav'.

**************************************************************************************************
*consistency check for head and spouse marital status.
*consistency check for head and spouse sex.

*select spouse.

Get FILE='C:\Documents and Settings\wb102942\My'+
	' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\update data\rr01.sav'.

FILTER OFF.
USE ALL.
SELECT IF((number(s1a03,f2.0))=2).
EXECUTE .

RENAME VAR (s1a01=memsp)  (s1a04=sexsp)  (s1a03=relatsp)  (s1a02=agesp)  (s1a12=marstsp).
SAVE OUTFILE='C:\Documents and Settings\wb102942\My'+
		' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\spouse.sav'
	/KEEP = prov dist padm area bair quar agre codag memsp  sexsp  relatsp  agesp  marstsp .

*select head.

Get FILE='C:\Documents and Settings\wb102942\My'+
	' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\update data\rr01.sav'.

FILTER OFF.
USE ALL.
SELECT IF((number(s1a03,f2.0))=1).
EXECUTE .

RENAME VAR (s1a01=memhh)  (s1a04=sexhh)  (s1a03=relathh)  (s1a02=agehh)  (s1a12=marsthh).
SAVE OUTFILE='C:\Documents and Settings\wb102942\My'+
		' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\heads.sav'
	/KEEP = prov dist padm area bair quar agre codag memhh  sexhh  relathh  agehh  marsthh .

*join match spouse and head file.
*check for inconsistencies and change manually in raw data file.
*see if fertility information exists and change sex accordingly.
*if not will assume older spouse male and vice versa if both spouse and head have same sex.
*use also age and relationship to check consistency of head-spouse relationship.

Get FILE='C:\Documents and Settings\wb102942\My'+
```

```
          ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\spouse.sav'.

MATCH FILES /FILE=*
          /TABLE='C:\Documents and Settings\wb102942\My'+
                    ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\heads.sav'
          /BY prov dist padm area bair quar agre codag.
SAVE OUTFILE = 'C:\Documents and Settings\wb102942\My'+
                    ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\headsp.sav'.

          *check for the following:-
                    *both head and spouse have same sex: 9 cases.
                              USE ALL.
                              COMPUTE filter_$=(number(sexsp,f1.0) = number(sexhh,f1.0)).
                              VARIABLE LABEL filter_$ 'number(sexsp,f1.0) = number(sexhh,f1.0) (FILTER)'.
                              VALUE LABELS filter_$  0 'Not Selected' 1 'Selected'.
                              FORMAT filter_$ (f1.0).
                              FILTER BY filter_$.
                              EXECUTE .
                              FREQ filter_$.

                    *both head and spouse have different marital status: 236 cases.
                              USE ALL.
                              COMPUTE filter_$=(number(marstsp,f2.0) ne number(marsthh,f2.0)).
                              VARIABLE LABEL filter_$ 'number(marstsp,f2.0) ne number(marsthh,f2.0) (FILTER)'.
                              VALUE LABELS filter_$  0 'Not Selected' 1 'Selected'.
                              FORMAT filter_$ (f1.0).
                              FILTER BY filter_$.
                              EXECUTE .
                              FREQ filter_$.

*****************************************************************************************************************
*type of handicap (s2a02a-h).
*s2a02a problematic as freq runs from 1-9.
*10 cases corrected errors as per value code.
*all other types of handicaps have correct value labels/codes.

Get FILE='C:\Documents and Settings\wb102942\My'+
          ' Documents\Hhdbase\stdfiles\Moz\MOZ\update data\rr01.sav'.

FREQUENCIES
          VARIABLES=s2a02a s2a02b s2a02c s2a02d s2a02e s2a02f s2a02g s2a02h
          /ORDER=  ANALYSIS .

IF (NUMERIC(s2a02a,f1.0)=2) s2a02b = STRING(2,f1.0) .
IF (NUMERIC(s2a02a,f1.0)=3) s2a02c = STRING(3,f1.0) .
IF (NUMERIC(s2a02a,f1.0)=4) s2a02d = STRING(4,f1.0) .
IF (NUMERIC(s2a02a,f1.0)=5) s2a02e = STRING(5,f1.0) .
IF (NUMERIC(s2a02a,f1.0)=7) s2a02g = STRING(7,f1.0) .
IF (NUMERIC(s2a02a,f1.0)=8) s2a02h = STRING(8,f1.0) .

COMPUTE s2a02aa=NUMERIC(s2a02a,f1.0).

RECODE
          s2a02aa (2 thru hi=sysmis).

*delete var = s2a02a and recompute.
```

```
COMPUTE s2a02a = STRING(s2a02aa,f1.0) .

*delete var = s2a02aa and save file.

SAVE OUTFILE='C:\Documents and Settings\wb102942\My'+
        ' Documents\Hhdbase\stdfiles\Moz\MOZ\update data\rr01.sav'.
```

**S2A02A**

| | Frequency | Percent | Valid Percent | Cumulative Percent |
|---|---|---|---|---|
| Valid | 42714 | 99.8 | 99.8 | 99.8 |
| 1 | 61 | .1 | .1 | 100.0 |
| 2 | 1 | .0 | .0 | 100.0 |
| 3 | 1 | .0 | .0 | 100.0 |
| 4 | 1 | .0 | .0 | 100.0 |
| 5 | 1 | .0 | .0 | 100.0 |
| 7 | 2 | .0 | .0 | 100.0 |
| 8 | 4 | .0 | .0 | 100.0 |
| Total | 42785 | 100.0 | 100.0 | |

```
**********************************************************************************************************
*knowledge of contraceptives.
*331-339 was implied for each method but this was not the case as code labels 1-9 are across these variables.

Get FILE='C:\Documents and Settings\wb102942\My'+
        ' Documents\Hhdbase\stdfiles\Moz\MOZ\update data\rr01.sav'.

FREQUENCIES
        VARIABLES=s2b331 s2b332 s2b333 s2b334 s2b335 s2b336 s2b337 s2b338 s2b339
        /ORDER=  ANALYSIS .

IF ((NUMERIC(s2b331,f1.0)=1) or (NUMERIC(s2b332,f1.0)=1) or (NUMERIC(s2b333,f1.0)=1)
        or (NUMERIC(s2b334,f1.0)=1) or (NUMERIC(s2b335,f1.0)=1)
        or (NUMERIC(s2b336,f1.0)=1) or (NUMERIC(s2b337,f1.0)=1)
        or (NUMERIC(s2b338,f1.0)=1) or (NUMERIC(s2b339,f1.0)=1)) asd1 = 1 .
IF ((NUMERIC(s2b331,f1.0)=2) or (NUMERIC(s2b332,f1.0)=2) or (NUMERIC(s2b333,f1.0)=2)
        or (NUMERIC(s2b334,f1.0)=2) or (NUMERIC(s2b335,f1.0)=2)
        or (NUMERIC(s2b336,f1.0)=2) or (NUMERIC(s2b337,f1.0)=2)
        or (NUMERIC(s2b338,f1.0)=2) or (NUMERIC(s2b339,f1.0)=2)) asd2 = 2 .
IF ((NUMERIC(s2b331,f1.0)=3) or (NUMERIC(s2b332,f1.0)=3) or (NUMERIC(s2b333,f1.0)=3)
        or (NUMERIC(s2b334,f1.0)=3) or (NUMERIC(s2b335,f1.0)=3)
        or (NUMERIC(s2b336,f1.0)=3) or (NUMERIC(s2b337,f1.0)=3)
        or (NUMERIC(s2b338,f1.0)=3) or (NUMERIC(s2b339,f1.0)=3)) asd3 = 3 .
IF ((NUMERIC(s2b331,f1.0)=4) or (NUMERIC(s2b332,f1.0)=4) or (NUMERIC(s2b333,f1.0)=4)
        or (NUMERIC(s2b334,f1.0)=4) or (NUMERIC(s2b335,f1.0)=4)
        or (NUMERIC(s2b336,f1.0)=4) or (NUMERIC(s2b337,f1.0)=4)
        or (NUMERIC(s2b338,f1.0)=4) or (NUMERIC(s2b339,f1.0)=4))asd4 = 4 .
IF ((NUMERIC(s2b331,f1.0)=5) or (NUMERIC(s2b332,f1.0)=5) or (NUMERIC(s2b333,f1.0)=5)
        or (NUMERIC(s2b334,f1.0)=5) or (NUMERIC(s2b335,f1.0)=5)
        or (NUMERIC(s2b336,f1.0)=5) or (NUMERIC(s2b337,f1.0)=5)
        or (NUMERIC(s2b338,f1.0)=5) or (NUMERIC(s2b339,f1.0)=5)) asd5 = 5 .
```

```
IF ((NUMERIC(s2b331,f1.0)=6) or (NUMERIC(s2b332,f1.0)=6) or (NUMERIC(s2b333,f1.0)=6)
        or (NUMERIC(s2b334,f1.0)=6) or (NUMERIC(s2b335,f1.0)=6)
        or (NUMERIC(s2b336,f1.0)=6) or (NUMERIC(s2b337,f1.0)=6)
        or (NUMERIC(s2b338,f1.0)=6) or (NUMERIC(s2b339,f1.0)=6)) asd6 = 6 .
IF ((NUMERIC(s2b331,f1.0)=7) or (NUMERIC(s2b332,f1.0)=7) or (NUMERIC(s2b333,f1.0)=7)
        or (NUMERIC(s2b334,f1.0)=7) or (NUMERIC(s2b335,f1.0)=7)
        or (NUMERIC(s2b336,f1.0)=7) or (NUMERIC(s2b337,f1.0)=7)
        or (NUMERIC(s2b338,f1.0)=7) or (NUMERIC(s2b339,f1.0)=7)) asd7 = 7 .
IF ((NUMERIC(s2b331,f1.0)=8) or (NUMERIC(s2b332,f1.0)=8) or (NUMERIC(s2b333,f1.0)=8)
        or (NUMERIC(s2b334,f1.0)=8) or (NUMERIC(s2b335,f1.0)=8)
        or (NUMERIC(s2b336,f1.0)=8) or (NUMERIC(s2b337,f1.0)=8)
        or (NUMERIC(s2b338,f1.0)=8) or (NUMERIC(s2b339,f1.0)=8)) asd8 = 8 .
IF ((NUMERIC(s2b331,f1.0)=9) or (NUMERIC(s2b332,f1.0)=9) or (NUMERIC(s2b333,f1.0)=9)
        or (NUMERIC(s2b334,f1.0)=9) or (NUMERIC(s2b335,f1.0)=9)
        or (NUMERIC(s2b336,f1.0)=9) or (NUMERIC(s2b337,f1.0)=9)
        or (NUMERIC(s2b338,f1.0)=9) or (NUMERIC(s2b339,f1.0)=9)) asd9 = 9 .
EXECUTE .

*deleted s2b331-9 and recomputed them again as string variables.

RENAME VAR (asd1=s2b331)  (asd2=s2b332) (asd3=s2b333) (asd4=s2b334)
        (asd5=s2b335) (asd6=s2b336) (asd7=s2b337) (asd8=s2b338) (asd9=s2b339).
EXECUTE .

*convert into string.

STRING s2b331 s2b332 s2b333 s2b334 s2b335 s2b336 s2b337 s2b338 s2b339 (A1).
COMPUTE s2b331 = STRING(s2b331,f1.0) .
COMPUTE s2b332 = STRING(s2b332,f1.0) .
COMPUTE s2b333 = STRING(s2b333,f1.0) .
COMPUTE s2b334 = STRING(s2b334,f1.0) .
COMPUTE s2b335 = STRING(s2b335,f1.0) .
COMPUTE s2b336 = STRING(s2b336,f1.0) .
COMPUTE s2b337 = STRING(s2b337,f1.0) .
COMPUTE s2b338 = STRING(s2b338,f1.0) .
COMPUTE s2b339 = STRING(s2b339,f1.0) .
EXECUTE .
```

***check for the following:-**

```
RECODE
        asd1 asd2 asd3 asd4 asd5 asd6
        asd7 asd8 asd9 (1 thru hi=1).
COMPUTE fpaware = SUM(asd1,asd2,asd3,asd4,asd5,asd6,
        asd7,asd8,asd9).
Variable label fpaware 'Frequency of the various methods'.
EXECUTE.

FREQUENCIES
        VARIABLES=fpaware
        /ORDER=  ANALYSIS .
```

**Mulitple response total frequency by knowledge of number family planning methods**

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---|---|---|---|---|---|
| Valid | 1.00 | 898 | 2.1 | 25.1 | 25.1 |
| | 2.00 | 588 | 1.4 | 16.4 | 41.5 |
| | 3.00 | 1066 | 2.5 | 29.8 | 71.2 |
| | 4.00 | 519 | 1.2 | 14.5 | 85.7 |
| | 5.00 | 363 | .8 | 10.1 | 95.8 |
| | 6.00 | 115 | .3 | 3.2 | 99.1 |
| | 7.00 | 26 | .1 | .7 | 99.8 |
| | 8.00 | 7 | .0 | .2 | 100.0 |
| | 9.00 | 1 | .0 | .0 | 100.0 |
| | Total | 3583 | 8.4 | 100.0 | |
| Missing | System | 39194 | 91.6 | | |
| Total | | 42777 | 100.0 | | |

Only 1 person knew about more than 8 types of family planning methods.

```
**********************************************************************************************************
*sickness.
*7 cases have type of sickness yet sick last 4 weeks = non-response.
*delete var=s2a03a.

Get FILE='C:\Documents and Settings\wb102942\My'+
        ' Documents\Hhdbase\stdfiles\Moz\MOZ\update data\rr01.sav'.

COMPUTE s2a03a = NUMBER(s2a03,f1.0) .

DO IF (NUMERIC(s2a04,f1.0)<=9).
IF (s2a03a =9)   s2a03a = 1 .
END IF .

STRING s2a03(A1).
COMPUTE s2a03 = STRING(s2a03a,f1.0) .
EXECUTE .

SAVE OUTFILE='C:\Documents and Settings\wb102942\My'+
        ' Documents\Hhdbase\stdfiles\Moz\MOZ\update data\rr01.sav'.

        *check for the following:-
                USE ALL.
                COMPUTE filter_$=(NUMERIC(s2a03,f1.0) = 9 & NUMERIC(s2a04,f1.0) >= 1).
                VARIABLE LABEL filter_$ 'NUMERIC(s2a03,f1.0) = 9 & NUMERIC(s2a04,f1.0) >= 1'+
                ' (FILTER)'.
                VALUE LABELS filter_$  0 'Not Selected' 1 'Selected'.
                FORMAT filter_$ (f1.0).
                FILTER BY filter_$.
                EXECUTE .

**********************************************************************************************************
*consulted anyone when sick.
```

```
*1 case code out of range for if took action when sick (051202201003006-6).
*delete var= s2a08a.

Get FILE='C:\Documents and Settings\wb102942\My'+
          ' Documents\Hhdbase\stdfiles\Moz\MOZ\update data\rr01.sav'.

COMPUTE s2a08a = NUMBER(s2a08,f1.0) .

DO IF (NUMERIC(s2a08,f1.0)=8).
IF (s2a08a =8)   s2a08a = 9 .
END IF .

STRING s2a08(A1).
COMPUTE s2a08 = STRING(s2a08a,f1.0) .
EXECUTE .

SAVE OUTFILE='C:\Documents and Settings\wb102942\My'+
          ' Documents\Hhdbase\stdfiles\Moz\MOZ\update data\rr01.sav'.

*****************************************************************************************************
*use of contraceptives.
*one case 050109102003011-6 have method and no question of whether use contraceptives.
*manual change for var = s2b34 (sysmis changed to 9).

Get FILE='C:\Documents and Settings\wb102942\My'+
          ' Documents\Hhdbase\stdfiles\Moz\MOZ\update data\rr01.sav'.
SAVE OUTFILE='C:\Documents and Settings\wb102942\My'+
          ' Documents\Hhdbase\stdfiles\Moz\MOZ\update data\rr01.sav'.

          *check for the following:-
                    USE ALL.
                    COMPUTE filter_$=(number(s2b351,f1.0)=9 and sysmis(number(s2b34,f1.0))).
                    VARIABLE LABEL filter_$ 'number(s2b351,f1.0)=9 and sysmis(number(s2b34,f1.0))'+
                     ' (FILTER)'.
                    VALUE LABELS filter_$  0 'Not Selected' 1 'Selected'.
                    FORMAT filter_$ (f1.0).
                    FILTER BY filter_$.
                    EXECUTE .

*****************************************************************************************************
*each method should have its code.
*unfortunately, s2b351 has values of 1-9 and should only have code 1.
*this should be looked at cos errors exist.
*left as is.

Get FILE='C:\Documents and Settings\wb102942\My'+
          ' Documents\Hhdbase\stdfiles\Moz\MOZ\update data\rr01.sav'.
SAVE OUTFILE='C:\Documents and Settings\wb102942\My'+
          ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\contra.sav'
         /KEEP =  codag s1a01 s2b351 s2b352 s2b353 s2b354 s2b355 s2b356 s2b357
                   s2b358 s2b359.

Get FILE='C:\Documents and Settings\wb102942\My'+
          ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\contra.sav'.

COMPUTE s2b351a = Numeric(s2b351,f1.0) .
```

```
COMPUTE s2b352a = Numeric(s2b352,f1.0) .
COMPUTE s2b353a = Numeric(s2b353,f1.0) .
COMPUTE s2b354a = Numeric(s2b354,f1.0) .
COMPUTE s2b355a = Numeric(s2b355,f1.0) .
COMPUTE s2b356a = Numeric(s2b356,f1.0) .
COMPUTE s2b357a = Numeric(s2b357,f1.0) .
COMPUTE s2b358a = Numeric(s2b358,f1.0) .
COMPUTE s2b359a = Numeric(s2b359,f1.0) .
EXECUTE .

*checked number of responses for methods (1,371 responses).

        RECODE
                s2b351a  s2b352a s2b353a s2b354a s2b355a s2b356a
                s2b357a s2b358a s2b359a  (1 thru 9=1).

        COMPUTE numfplan= SUM(s2b351a,s2b352a,s2b353a,s2b354a,s2b355a,s2b356a,
                              s2b357a,s2b358a,s2b359a).
        FREQ numfplan.
```

**Number of different methods used for family planning concurrently**

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---|---|---|---|---|---|
| Valid | 1.00 | 1267 | 3.0 | 92.5 | 92.5 |
| | 2.00 | 25 | .1 | 1.8 | 94.3 |
| | 3.00 | 3 | .0 | .2 | 94.5 |
| | 9.00 | 75 | .2 | 5.5 | 100.0 |
| | Total | 1370 | 3.2 | 100.0 | |
| Missing | System | 41415 | 96.8 | | |
| Total | | 42785 | 100.0 | | |

Frequency of the different methods used.

**Number of family planning methods**

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---|---|---|---|---|---|
| Valid | 1.00 | 1190 | 2.8 | 97.9 | 97.9 |
| | 2.00 | 23 | .1 | 1.9 | 99.8 |
| | 3.00 | 3 | .0 | .2 | 100.0 |
| | Total | 1216 | 2.8 | 100.0 | |
| Missing | System | 41561 | 97.2 | | |
| Total | | 42777 | 100.0 | | |

```
**************************************************************************************************************
*once case of weight of child=99 changed to 99999.
*(110109101001001-8) child 4 years and weighed 3.6 kg at birth.
*current weight (1900 grams) changed to 9100 grams (data entry error).

Get FILE='C:\Documents and Settings\wb102942\My'+
```

```
        ' Documents\Hhdbase\stdfiles\Moz\MOZ\update data\rr01.sav'.

SAVE OUTFILE='C:\Documents and Settings\wb102942\My'+
        ' Documents\Hhdbase\stdfiles\Moz\MOZ\update data\rr01.sav'.

        *check for the following:-
                *check for outliers.

                FREQUENCIES
                        VARIABLES=s2c41 s2c42 s2c46
                        /ORDER=  ANALYSIS

*************************************************************************************************************
*inconsistencies of secondary education by class completed.

Get FILE='C:\Documents and Settings\wb102942\My'+
        ' Documents\Hhdbase\stdfiles\Moz\MOZ\update data\rr01.sav'.

        *check for the following:-

                USE ALL.
                COMPUTE filter_$=(NUMBER(s304a,f2.0) = 05).
                VARIABLE LABEL filter_$ 'NUMBER(s304a,f2.0) = 05 (FILTER)'.
                VALUE LABELS filter_$  0 'Not Selected' 1 'Selected'.
                FORMAT filter_$ (f1.0).
                FILTER BY filter_$.
                EXECUTE .
                FREQUENCIES
                        VARIABLES=s304b
                        /ORDER=  ANALYSIS .
```

**Class completed for highest education level (Secondary 2nd cycle)**

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---|---|---|---|---|---|
| Valid | 01 | 7 | 3.3 | 3.3 | 3.3 |
| | 02 | 7 | 3.3 | 3.3 | 6.7 |
| | 03 | 10 | 4.8 | 4.8 | 11.5 |
| | 04 | 2 | 1.0 | 1.0 | 12.4 |
| | 05 | 1 | .5 | .5 | 12.9 |
| | 07 | 1 | .5 | .5 | 13.4 |
| | 08 | 2 | 1.0 | 1.0 | 14.4 |
| | 09 | 2 | 1.0 | 1.0 | 15.3 |
| | 10 | 11 | 5.3 | 5.3 | 20.6 |
| | 11 | 96 | 45.9 | 45.9 | 66.5 |
| | 12 | 69 | 33.0 | 33.0 | 99.5 |
| | 96 | 1 | .5 | .5 | 100.0 |
| | Total | 209 | 100.0 | 100.0 | |

```
                USE ALL.
                COMPUTE filter_$=(NUMBER(s304a,f2.0)  >=  06 & NUMBER(s304a,f2.0) <= 8).
                VARIABLE LABEL filter_$ 'NUMBER(s304a,f2.0)  >=  06 & NUMBER(s304a,f2.0) <= 8'+
                 ' (FILTER)'.
```

```
VALUE LABELS filter_$  0 'Not Selected' 1 'Selected'.
FORMAT filter_$ (f1.0).
FILTER BY filter_$.
EXECUTE .
FREQUENCIES
        VARIABLES=s304b
        /ORDER=  ANALYSIS .
```

**Class completed for highest level completed (Technical)**

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---|---|---|---|---|---|
| Valid | 01 | 29 | 15.2 | 15.2 | 15.2 |
| | 02 | 32 | 16.8 | 16.8 | 31.9 |
| | 03 | 94 | 49.2 | 49.2 | 81.2 |
| | 04 | 12 | 6.3 | 6.3 | 87.4 |
| | 05 | 2 | 1.0 | 1.0 | 88.5 |
| | 07 | 2 | 1.0 | 1.0 | 89.5 |
| | 08 | 3 | 1.6 | 1.6 | 91.1 |
| | 09 | 6 | 3.1 | 3.1 | 94.2 |
| | 10 | 2 | 1.0 | 1.0 | 95.3 |
| | 11 | 2 | 1.0 | 1.0 | 96.3 |
| | 12 | 3 | 1.6 | 1.6 | 97.9 |
| | Non-response | 4 | 2.1 | 2.1 | 100.0 |
| | Total | 191 | 100.0 | 100.0 | |

```
**********************************************************************************************************
*age of under fives, some punched in incorrectly.
*children must have been born between 1990 and 1996.
*used anthropometry infor and age to correct these.

Get FILE='C:\Documents and Settings\wb102942\My'+
        ' Documents\Hhdbase\stdfiles\Moz\MOZ\update data\rr01.sav'.

SAVE OUTFILE='C:\Documents and Settings\wb102942\My'+
        ' Documents\Hhdbase\stdfiles\Moz\MOZ\update data\rr01.sav'.

FREQ sla05m.
```

**Year of birth**

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---|---|---|---|---|---|
| Valid | 1951 | 2 | .1 | .1 | .1 |
| | 1976 | 1 | .0 | .0 | .1 |
| | 1979 | 1 | .0 | .0 | .2 |
| | 1981 | 1 | .0 | .0 | .2 |
| | 1986 | 1 | .0 | .0 | .2 |
| | 1988 | 2 | .1 | .1 | .3 |
| | 1989 | 3 | .1 | .1 | .4 |
| | 1990 | 272 | 10.7 | 10.7 | 11.2 |
| | 1991 | 852 | 33.6 | 33.6 | 44.8 |
| | 1992 | 414 | 16.4 | 16.4 | 61.2 |
| | 1993 | 355 | 14.0 | 14.0 | 75.2 |
| | 1994 | 295 | 11.7 | 11.7 | 86.8 |
| | 1995 | 198 | 7.8 | 7.8 | 94.7 |
| | 1996 | 132 | 5.2 | 5.2 | 99.9 |
| | 1997 | 1 | .0 | .0 | 99.9 |
| | 1999 | 2 | .1 | .1 | 100.0 |
| | Total | 2532 | 100.0 | 100.0 | |

```
**************************************************************************************************************
*correcting date of birth for where day and month missing.
*needed for anthropometry.
*assigned children with no day or month of birth.

Get FILE='C:\Documents and Settings\wb102942\My'+
          ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\update data\rr13.sav'.

COMPUTE s1a05da = s1a05d .

COMPUTE s1a05ma = s1a05m .

COMPUTE s1a05aa = s1a05a .

DO IF (agey <=5).
RECODE
        s1a05da  s1a05ma  s1a05aa (99=sysmis).
IF (sysmis(s1a05ma))  s1a05ma=1.
IF (sysmis(s1a05da))  s1a05da=1.
END IF .

COMPUTE datebth = DATE.DMY(s1a05da,s1a05ma,s1a05aa) .
Variable label DATEBTH  'Date of birth'.
EXECUTE .

COMPUTE months = CTIME.DAYS((dateinte - datebth) /(365 / 12)) .
Variable label MONTHS 'Age in months'.

COMPUTE agey1=TRUNC(months/12).
IF (sysmis(agey1))  agey1=s1a02 .
```

```
SAVE OUTFILE='C:\Documents and Settings\wb102942\My'+
        ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\update data\rr13.sav'.

*****************************************************************************************************
*14 cases have s2c57=non-response code yet vaccine administered.

Get FILE='C:\Documents and Settings\wb102942\My'+
        ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\update data\rr01.sav'.

        *check for the following:-
                USE ALL.
                COMPUTE filter_$=(number(s2c57,f2.0)  = 9).
                VARIABLE LABEL filter_$ 'number(s2c57,f2.0)  = 9 (FILTER)'.
                VALUE LABELS filter_$  0 'Not Selected' 1 'Selected'.
                FORMAT filter_$ (f1.0).
                FILTER BY filter_$.
                EXECUTE .

COMPUTE s2c57a = numeric(s2c57,f1.0) .

DO IF (s2c57a=9 and number(s2c58a,f1.0) <9 or  number(s2c58b,f1.0) <9 or
        number(s2c58c,f1.0) <9 or number(s2c58d,f1.0)<9) .

RECODE
         s2c57a  (9=1)  .
END IF .
EXECUTE .

STRING s2c57 (A1).
COMPUTE s2c57=s2c57a.
IF (s2c57=".")  s2c57="".
EXECUTE .

SAVE OUTFILE='C:\Documents and Settings\wb102942\My'+
        ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\update data\rr01.sav'.

*****************************************************************************************************
*9 cases have area of residence wrongly coded (urban=1 and rural=2 and code=4).
*Code 4 non-existent.  Changed this to 2 and changed codag appropriately.
*9 cases have wrong Ids and therefore no matching Section 1: codag:  041301401004001; 041301401004002;
*041301401004003;041301401004004; 041301401004005; 041301401004006; 041301401004008;
*041301401004008; 041301401004009.
*casenum 3012-3020: prov-dist-padm-area-bair-quar (04-13-01-4-04-004 for HHs 001-009)
*bold ID number changed to 2 and so ID becomes (04-13-01-2-04-004 for HHs 001-009)

Get FILE='C:\Documents and Settings\wb102942\My'+
        ' Documents\Hhdbase\stdfiles\Moz\MOZ\update data\rr04.sav'.

SAVE OUTFILE='C:\Documents and Settings\wb102942\My'+
        ' Documents\Hhdbase\stdfiles\Moz\MOZ\update data\rr04.sav'.

*****************************************************************************************************
*convert itemcode to NUMERIC.
*Form 5.
```

```
Get FILE='C:\Documents and Settings\wb102942\My'+
	' Documents\Hhdbase\stdfiles\Moz\MOZ\update data\rr02.sav'.

COMPUTE s501a = number(s501,f12.0) .
EXECUTE .

SAVE OUTFILE='C:\Documents and Settings\wb102942\My'+
	' Documents\Hhdbase\stdfiles\Moz\MOZ\update data\rr02.sav'.

*****************************************************************************************************************
*convert itemcode to NUMERIC.
*Form 6.

Get FILE='C:\Documents and Settings\wb102942\My'+
	' Documents\Hhdbase\stdfiles\Moz\MOZ\update data\rr03.sav'.

COMPUTE s601a = number(s601,f12.0) .
EXECUTE .

SAVE OUTFILE='C:\Documents and Settings\wb102942\My'+
	' Documents\Hhdbase\stdfiles\Moz\MOZ\update data\rr03.sav'.

*****************************************************************************************************************
*correcting ages.
*assigned children with no day or month of birth.
*changed manually for some cases when year of birth entered wrong.

Get FILE='C:\Documents and Settings\wb102942\My'+
	' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\update data\rr13.sav'.

COMPUTE s1a05da = s1a05d .

COMPUTE s1a05ma = s1a05m .

COMPUTE s1a05aa = s1a05a .

DO IF (agey <=5).
RECODE
	s1a05da  s1a05ma  s1a05aa (99=sysmis).
IF (sysmis(s1a05ma))  s1a05ma=1.
IF (sysmis(s1a05da))  s1a05da=1.
END IF .

COMPUTE datebth = DATE.DMY(s1a05da,s1a05ma,s1a05aa) .
Variable label DATEBTH  'Date of birth'.
EXECUTE .

COMPUTE months = CTIME.DAYS((dateinte - datebth) /(365 / 12)) .
Variable label MONTHS 'Age in months'.

COMPUTE agey1=TRUNC(months/12).
IF (sysmis(agey1))  agey1=s1a02 .

SAVE OUTFILE='C:\Documents and Settings\wb102942\My'+
	' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\update data\rr13.sav'.
```

```
*************************************************************************************************************
*checking income.
*some cases have no peson ID.
*54 have no Ids.
*however, some of these have zero income and so removed from file.
*one duplicate (110509106001011).
*used employment status to assign ID.
*however, 183 cases had zero income and removed from file.

Get FILE='C:\Documents and Settings\wb102942\My'+
        ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\update data\rr13.sav'.

SAVE OUTFILE='C:\Documents and Settings\wb102942\My'+
        ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\update data\rr13.sav'.

*************************************************************************************************************
*house ownership status.
*2 households paid rent and occupation status is 'non-response'.
*codag: 110309107001009; 110109101002010.
*changed to rent depending on responses of households around that EA.

Get FILE='C:\Documents and Settings\wb102942\My'+
        ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\update data\rr10.sav'.
SAVE OUTFILE='C:\Documents and Settings\wb102942\My'+
        ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\update data\rr10.sav'.

        *check for the following:-
                USE ALL.
                COMPUTE filter_$=(p1112 > 0 and number(p1111,f8.0) = 9).
                VARIABLE LABEL filter_$ 'p1112 > 0 and number(p1111,f8.0) = 9 (FILTER)'.
                VALUE LABELS filter_$  0 'Not Selected' 1 'Selected'.
                FORMAT filter_$ (f1.0).
                FILTER BY filter_$.
                EXECUTE .

*************************************************************************************************************
*toilet facility.
*1 case (110509105001012) has both toilet types responses.

Get FILE='C:\Documents and Settings\wb102942\My'+
        ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\update data\rr14.sav'.
SAVE OUTFILE='C:\Documents and Settings\wb102942\My'+
        ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\update data\rr14.sav'.

        *check for the following:-
                USE ALL.
                COMPUTE filter_$=(number(p1118,f1.0)=1 and number(p1119,f1.0) >=1).
                VARIABLE LABEL filter_$ 'number(p1118,f1.0)=1 and number(p1119,f1.0) >=1'+
                 ' (FILTER)'.
                VALUE LABELS filter_$  0 'Not Selected' 1 'Selected'.
                FORMAT filter_$ (f1.0).
                FILTER BY filter_$.
                EXECUTE .

*************************************************************************************************************
*this section was meant for agricultural activities.
```

```
*land size present yet livestock and agricultural activities = 9 (non-response).
*will assume any response implied that agricultural activities.

Get FILE='C:\Documents and Settings\wb102942\My'+
        ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\update data\rr04.sav'.

COMPUTE p701a= NUMBER(p701s,f1.0).

IF (p701a = 9 and p702 < 99) p701a=1.
IF (p701a = 9 and p703 > 0) p701a=1.
IF (p701a = 9 and p703 = 0) p701a=2.

STRING p701 (A2).
COMPUTE p701 = STRING(p701a,f2.0) .

SAVE OUTFILE='C:\Documents and Settings\wb102942\My'+
        ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\update data\rr04.sav'
       /KEEP = .

       *check for the following:-
              USE ALL.
              COMPUTE filter_$=(p702 < 99 & number(p701,f1.0) = 9).
              VARIABLE LABEL filter_$ 'p702 < 99 & number(p701,f1.0) = 9 (FILTER)'.
              VALUE LABELS filter_$  0 'Not Selected' 1 'Selected'.
              FORMAT filter_$ (f1.0).
              FILTER BY filter_$.
              EXECUTE .

*****************************************************************************************************
*asset ownership.

Get FILE='C:\Documents and Settings\wb102942\My'+
        ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\update data\rr14.sav'.
SAVE OUTFILE='C:\Documents and Settings\wb102942\My'+
        ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\update data\rr14.sav'

       *check for the following:-
              USE ALL.
              COMPUTE filter_$=(number(p112501a,f1.0) = 9 & p112501b > 0).
              VARIABLE LABEL filter_$ 'number(p112501a,f1.0) = 9 & p112501c > 0 (FILTER)'.
              VALUE LABELS filter_$  0 'Not Selected' 1 'Selected'.
              FORMAT filter_$ (f1.0).
              FILTER BY filter_$.
              EXECUTE .

              USE ALL.
              COMPUTE filter_$=(number(p112502a,f1.0) = 9 & p112502b > 0).
              VARIABLE LABEL filter_$ 'number(p112502a,f1.0) = 9 & p112502c > 0 (FILTER)'.
              VALUE LABELS filter_$  0 'Not Selected' 1 'Selected'.
              FORMAT filter_$ (f1.0).
              FILTER BY filter_$.
              EXECUTE .
```

```
*************************************************************************************************
*some households asset ownership = NO yet filled 0 for number of assets owned.
*recoded all these to sysmis.

Get FILE='C:\Documents and Settings\wb102942\My'+
        ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\update data\rr14.sav'.

DO IF ((number(p112501a,f1.0)=0 or number(p112502a,f1.0)=0 or number(p112503a ,f1.0)=0 or
        number(p112504a,f1.0)=0 or number(p112505b,f1.0)=0 or number(p112505c,f1.0)=0 or
        number(p112506b,f1.0)=0 or number(p112506c,f1.0)=0 or number(p112507b,f1.0)=0 or
        number(p112507c,f1.0)=0 or number(p112508b,f1.0)=0 or number(p112508c,f1.0)=0 or
        number(p112509b,f1.0)=0 or number(p112509c,f1.0)=0 or number(p112510b,f1.0)=0 or
        number(p112510c,f1.0)=0 or number(p112511b,f1.0)=0 or number(p112511c,f1.0)=0 or
        number(p112512b,f1.0)=0 or number(p112512c,f1.0)=0 or number(p112513b,f1.0)=0 or
        number(p112513c,f1.0)=0 or number(p112514b,f1.0)=0 or number(p112514c,f1.0)=0 or
        number(p112515b,f1.0)=0 or number(p112515c,f1.0)=0 or number(p112516b,f1.0)=0 or
        number(p112516c,f1.0)=0).
RECODE
         p112501b p112501c p112502b p112502c p112503b p112503c p112504b p112504c
         p112505b p112505c p112506b p112506c p112507b p112507c p112508b p112508c
         p112509b p112509c p112510b p112510c p112511b p112511c p112512b p112512c
         p112513b p112513c p112514b p112514c p112515b p112515c p112516b p112516c  (0=SYSMIS)  .
END IF .
EXECUTE .
SAVE OUTFILE='C:\Documents and Settings\wb102942\My'+
        ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\update data\rr14.sav'.

        *check for the following:-
        This is done for all asset variables p112501a(b,c)  to  p112516a(b,c).
                This checks where NO ownership yet quantity of zero (0) keyed in.
                        USE ALL.
                        COMPUTE filter_$=(number(p112501a,f1.0) =0 and p112501b =  0).
                        VARIABLE LABEL filter_$ 'number(p112501a,f1.0) =0 and p112501b =  0'+
                         ' (FILTER)'.
                        VALUE LABELS filter_$  0 'Not Selected' 1 'Selected'.
                        FORMAT filter_$ (f1.0).
                        FILTER BY filter_$.
                        EXECUTE .

                This checks where asset exists yet no response YES/NO for ownership.
                        USE ALL.
                        COMPUTE filter_$=(p112501b > 0 &  p112501a="").
                        VARIABLE LABEL filter_$ 'p112501b > 0 &  p112501a="" (FILTER)'.
                        VALUE LABELS filter_$  0 'Not Selected' 1 'Selected'.
                        FORMAT filter_$ (f1.0).
                        FILTER BY filter_$.
                        EXECUTE .

*************************************************************************************************
*number of working equipment more than number owned.

Get FILE='C:\Documents and Settings\wb102942\My'+
        ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\update data\rr14.sav'.

IF (p112501b < p112501c)  p112501c = p112501b .
IF (p112502b < p112502c)  p112502c = p112502b .
```

```
IF (p112503b < p112503c)  p112503c = p112503b .
IF (p112504b < p112504c)  p112504c = p112504b .
IF (p112505b < p112505c)  p112505c = p112505b .
IF (p112506b < p112506c)  p112506c = p112506b .
IF (p112507b < p112507c)  p112507c = p112507b .
IF (p112508b < p112508c)  p112508c = p112508b .
IF (p112509b < p112509c)  p112509c = p112509b .
IF (p112510b < p112510c)  p112510c = p112510b .
IF (p112511b < p112511c)  p112511c = p112511b .
IF (p112512b < p112512c)  p112512c = p112512b .
IF (p112513b < p112513c)  p112513c = p112513b .
IF (p112514b < p112514c)  p112514c = p112514b .
IF (p112515b < p112515c)  p112515c = p112515b .
IF (p112516b < p112516c)  p112516c = p112516b .
EXECUTE .

SAVE OUTFILE='C:\Documents and Settings\wb102942\My'+
        ' Documents\Hhdbase\stdfiles\Moz\MOZ\stdfiles\update data\rr14.sav'.

        *check for the following:-
                Number of assets in working condition cannot be more than number owned.
                        USE ALL.
                        COMPUTE filter_$=(p112501b < p112501c).
                        VARIABLE LABEL filter_$ 'p112501b < p112501c (FILTER)'.
                        VALUE LABELS filter_$  0 'Not Selected' 1 'Selected'.
                        FORMAT filter_$ (f1.0).
                        FILTER BY filter_$.
                        EXECUTE .

**************************************************************************************************

**************************************************************************************************
```

# Annex I – Sample design

*Annex Ia: Sample Size for Mozambique National Household Survey on Living Conditions, 1996 by Area of residence (unweighted)*

| | Number of Households | | | Number of respondents | | | Mean Household size | | |
|---|---|---|---|---|---|---|---|---|---|
| | Rural | Urban | N | Rural | Urban | N | Rural | Urban | Total |
| Caba Delgado | 673 | 70 | 743 | 2,667 | 332 | 2,999 | 4.0 | 4.7 | 4.0 |
| Gaza | 566 | 71 | 637 | 3,300 | 420 | 3,720 | 5.8 | 5.9 | 5.8 |
| Inhambane | 621 | 108 | 729 | 3,431 | 670 | 4,101 | 5.5 | 6.2 | 5.6 |
| Manica | 484 | 177 | 661 | 2,530 | 954 | 3,484 | 5.2 | 5.4 | 5.3 |
| Maputo | 431 | 287 | 718 | 2,304 | 1,878 | 4,182 | 5.4 | 6.5 | 5.8 |
| Maputo Capital | | 893 | 893 | .. | 5,453 | 5,453 | .. | 6.1 | 6.1 |
| Nampula | 719 | 236 | 955 | 3,168 | 1,214 | 4,382 | 4.4 | 5.1 | 4.6 |
| Niassa | 513 | 144 | 657 | 2,312 | 679 | 2,991 | 4.5 | 4.7 | 4.6 |
| Sofala | 512 | 250 | 762 | 2,964 | 1,340 | 4,304 | 5.8 | 5.4 | 5.7 |
| Tete | 503 | 108 | 611 | 2,537 | 560 | 3,097 | 5.0 | 5.2 | 5.1 |
| Zambezia | 789 | 95 | 884 | 3,447 | 508 | 3,955 | 4.4 | 5.4 | 4.5 |
| Total | 5,811 | 2,439 | 8,250 | 28,660 | 14,008 | 42,668 | 4.9 | 5.7 | 5.2 |

The sample size was slightly larger. 24 households were deleted from the expenditure file.
This is the sample size used to generate the Standard file.

## Annex II – Other tables

*Annex IIa: Hedonic model for dwelling rentals*

| **Dependent variable : log monthly rental** | | | | | |
|---|---|---|---|---|---|
| Variable | Parameter estimate | T-ratio | Variable | Parameter estimate | T-ratio |
| Constant | 9.3043 | 10.8330 | | | |
| *Dummy variables* | | | | | |
| Wall | | | If dwelling has a toilet | | |
| Brick | 0.5395 | 1.1180 | No | 0.0614 | 0.0860 |
| Adobe | -0.2763 | -1.1380 | Missing data | -0.0532 | 0.0690 |
| None (earthen) | -0.0740 | -0.3230 | | | |
| Other | 0.7626 | 2.3240 | | | |
| If any room used exclusively for work | | | If dwelling has a latrine | | |
| No | 0.0906 | 0.6050 | No | 0.1435 | 1.3330 |
| Missing data | -0.0717 | -0.1980 | Missing data | 0.3132 | 0.4420 |
| Age of dwelling | | | | | |
| 1 - 3 years | 0.2541 | 0.8880 | | | |
| 4 - 5 years | 0.0929 | 0.3240 | | | |
| 5 - 10 years | 0.2908 | 1.0520 | | | |
| More than 10 years | 0.2660 | 1.0050 | | | |
| Missing data | 0.3093 | 0.4830 | | | |
| Length of stay in dwelling | | | Type of lighting | | |
| 1 - 3 years | -0.3417 | -1.5280 | Oil lamp | -0.3010 | -3.0830 |
| 4 - 5 years | -0.1328 | -0.5780 | Candle | -0.3320 | -1.4670 |
| 5 - 10 years | -0.4622 | -2.1160 | Wood | -0.6080 | -2.9430 |
| More than 10 years | -0.2913 | -1.4360 | Other | -0.5968 | -2.2000 |
| Missing data | -0.8119 | -0.7140 | No lighting | -0.0705 | -0.1310 |
| Mode of acquisition of dwelling | | | Type of cookinf fuel | | |
| Rented (not from APIE/Co-op) | 2.1516 | 12.3520 | Gas | -0.1769 | -1.1280 |
| Own home, fully paid | 3.0307 | 25.3260 | Charcoal | -0.1510 | -1.2110 |
| Own home, still paying for it | 2.4742 | 12.5090 | Wood | -0.3248 | -2.1780 |
| Squatting | 2.6088 | 10.7060 | Other | -0.0972 | -0.2930 |
| Ceded by the state or others | 1.2370 | 4.6090 | Do not cook | -0.5376 | -0.4780 |
| Other | 0.6142 | 0.8630 | | | |
| Source of water | | | | | |
| Piped water in yard | -0.1991 | -1.6450 | R squared | 0.5947 | |
| Public tap | -0.3903 | -2.5950 | Adjusted R squared | 0.5673 | |
| Private well | -0.3534 | -1.9640 | Standard error of regresiion | 1.1006 | |
| Public well | -0.3623 | -2.1940 | F(80,1183) | 21.6987 | Signif. F = .0000 |
| River or lake | -0.3010 | -1.2320 | | | |
| Other | -0.3587 | -2.2850 | | | |

Source: IFPRI, Poverty and Well-being in Mozambique: 1996-97

Note: The regression uses observations on actual or owner-estimated rent reported by 1,264 households.

*Annex IIb: Estimated market values and lifespans of durable goods*

| Durable good | Estimated market value of a used durable good at the time of MIAF survey ('000MT) | Assumed remaining lifespan (in years) |
|---|---|---|
| Table with four chairs | 2,352 | 15 |
| Medium bed | 358 | 15 |
| Refrigerator | 6,638 | 10 |
| Fan | 149 | 5 |
| Sewing machine | 3,876 | 25 |
| Electrical iron | 224 | 5 |
| Charcoal iron | 30 | 5 |
| Radio | 251 | 5 |
| Black and White television | 1,700 | 5 |
| Color television | 3,506 | 5 |
| Air conditioner | 5,665 | 10 |
| Clock | 72 | 5 |
| Telephone | 519 | 10 |
| Vehicle (car or truck) | 125,069 | 15 |
| Motor cycle | 13,892 | 10 |
| Bicycle | 795 | 10 |

Note: The expected market values are for a used durable good in "good" condition.
See document for durther explanation.

Source: IFPRI, Poverty and Well-being in Mozambique: 1996-97

## REFERENCES