

DATA LIST FILE='P:\DHR\PROJECTS\HNP_POVERTY\non-contract
countries\malawi2005\ASSETS.DAT' RECORDS=1

/

HHID	1-12	(A)
HV005	13-20	
HV012	21-22	
HV013	23-24	
HV201	25-26	
HV204	27-29	
HV205	30-31	
HV206	32-32	
HV207	33-33	
HV208	34-34	
HV209	35-35	
HV210	36-36	
HV211	37-37	
HV212	38-38	
HV213	39-40	
HV214	41-42	
HV215	43-44	
HV217	45-45	
HV218	46-47	
HV219	48-48	
HV220	49-50	
HV221	51-51	
HV225	52-52	
HV226	53-54	
HV227	55-55	
HV228	56-56	
HV230	57-57	
HV231	58-58	
HV232	59-59	
HV233	60-60	
HV234	61-63	
HV270	64-64	
HV271	65-72	
HML1	73-74	
HML1A	75-75	
HML2	76-77	
SH27B	78-78	
SH27E	79-79	
SH27F	80-80	
SH27G	81-81	
SH27H	82-82	
SH27I	83-83	
SH29EA	84-85	
SH29EB	86-87	
SH29EC	88-89	
SH29ED	90-91	
SH29EE	92-93	
HV024	94-95	
HV025	96-96	

HV026	97-97
DOMESTIC	98-98
OWNLAND	99-99

VARIABLE LABELS

HHID	"Case Identification"
/HV005	"Sample weight"
/HV012	"Number of de jure members"
/HV013	"Number of de facto members"
/HV201	"Source of drinking water"
/HV204	"Time to get to water source"
/HV205	"Type of toilet facility"
/HV206	"Has electricity"
/HV207	"Has radio"
/HV208	"Has television"
/HV209	"Has refrigerator"
/HV210	"Has bicycle"
/HV211	"Has motorcycle/scooter"
/HV212	"Has car/truck"
/HV213	"Main floor material"
/HV214	"Main wall material"
/HV215	"Main roof material"
/HV217	"Relationship structure"
/HV218	"Line number of head of househ."
/HV219	"Sex of head of household"
/HV220	"Age of head of household"
/HV221	"Has telephone"
/HV225	"Share toilet with other households"
/HV226	"Type of cooking fuel"
/HV227	"Have bednet for sleeping"
/HV228	"Children under 5 slept under bednet last night"
/HV230	"Place for hand washing"
/HV231	"Items present: Water, tap"
/HV232	"Items present: Soap/other cleansing agent"
/HV233	"Items present: Basin"
/HV234	"Test salt for Iodine"
/HV270	"Wealth index"
/HV271	"Wealth index factor score (5 decimals)"
/HML1	"Number of mosquito nets"
/HML1A	"Number of mosquito nets with specific information"
/HML2	"Number of children under bednet previous night"
/SH27B	"Own parafin lamp"
/SH27E	"Own cellular phone"
/SH27F	"Own standard (land line) telephone"
/SH27G	"Own a bed with a mattress"
/SH27H	"Own a sofa set"
/SH27I	"Own a table and chairs"
/SH29EA	"Number of goats owned"
/SH29EB	"Number of pigs owned"
/SH29EC	"Number of cattle owned"
/SH29ED	"Number of sheep owned"
/SH29EE	"Number of chickens owned"

/HV024 "Region"
/HV025 "Type of place of residence"
/HV026 "Place of residence"
/DOMESTIC "If HH has a domestic worker not related to head"
/OWNLAND "If household works own or family's agric. land"

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MISSING VALUE

HV201 (99)
/HV204 (999)
/HV205 (99)
/HV206 (9)
/HV207 (9)
/HV208 (9)
/HV209 (9)
/HV210 (9)
/HV211 (9)
/HV212 (9)
/HV213 (99)
/HV214 (99)
/HV215 (99)
/HV219 (9)
/HV220 (99)
/HV221 (9)
/HV225 (9)
/HV226 (99)
/HV227 (9)
/HV228 (9)
/HV230 (9)
/HV231 (9)
/HV232 (9)
/HV233 (9)
/HV234 (999)
/HML1 (99)
/HML2 (99)
/SH27B (9)
/SH27E (9)
/SH27F (9)
/SH27G (9)
/SH27H (9)
/SH27I (9)
/HV026 (9)

.
VALUE LABELS

HV201
10 "PIPED WATER"
20 "OPEN WELL WATER"
30 "COVERED WELL/BOREHOLE"
40 "SURFACE WATER"
51 "Rainwater"
61 "Tanker truck"
71 "Bottled water"
96 "Other"

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/HV204
  996 "On premises"
/HV205
  10 "FLUSH TOILET"
  20 "PIT TOILET LATRINE"
  30 "NO FACILITY"
  96 "OTHER"
/HV206
  0 "No"
  1 "Yes"
/HV207
  0 "No"
  1 "Yes"
/HV208
  0 "No"
  1 "Yes"
/HV209
  0 "No"
  1 "Yes"
/HV210
  0 "No"
  1 "Yes"
/HV211
  0 "No"
  1 "Yes"
/HV212
  0 "No"
  1 "Yes"
/HV213
  10 "NATURAL"
  20 "RUDIMENTARY"
  30 "FINISHED"
  96 "OTHER"
/HV214
  10 "NATURAL"
  20 "RUDIMENTARY"
  30 "FINISHED"
  96 "OTHER"
/HV215
  10 "NATURAL"
  20 "RUDIMENTARY"
  30 "FINISHED"
  96 "OTHER"
/HV217
  0 "No adults"
  1 "One adult"
  2 "Two adults, opp. sex"
  3 "Two adults, same sex"
  4 "Three+ related adult"
  5 "Unrelated adults"
/HV219
  1 "Male"

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2 "Female"
 /HV220
 97 "97+ "
 98 "DK"
 /HV221
 0 "No"
 1 "Yes"
 /HV225
 0 "No"
 1 "Yes"
 /HV226
 1 "Electricity"
 2 "LPG, natural gas"
 3 "Biogas"
 4 "Kerosene"
 5 "Coal, lignite"
 6 "Charcoal"
 7 "Firewood, straw"
 8 "Dung"
 96 "Other"
 /HV227
 0 "No"
 1 "Yes"
 /HV228
 0 "No"
 1 "All children"
 2 "Some children"
 3 "No bednet in HH"
 /HV230
 0 "Nowhere"
 1 "In dwelling/yard/plot"
 2 "Somewhere else"
 /HV231
 0 "No"
 1 "Yes"
 /HV232
 0 "No"
 1 "Yes"
 /HV233
 0 "No"
 1 "Yes"
 /HV234
 0 "0 PPM (No Iodine)"
 7 "7 PPM"
 15 "15 PPM"
 30 "30 PPM"
 994 "Salt not tested"
 995 "No salt in household"
 /HV270
 1 "Poorest "
 2 "Poorer "
 3 "Middle"

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    4 "Richer"
    5 "Richest"
/HML1
    98 "Don't know"
/SH27B
    0 "No"
    1 "Yes"
/SH27E
    0 "No"
    1 "Yes"
/SH27F
    0 "No"
    1 "Yes"
/SH27G
    0 "No"
    1 "Yes"
/SH27H
    0 "No"
    1 "Yes"
/SH27I
    0 "No"
    1 "Yes"
/HV024
    1 "Northern"
    2 "Central"
    3 "Southern"
/HV025
    1 "Urban"
    2 "Rural"
/HV026
    0 "Capital, large city"
    1 "Small city"
    2 "Town"
    3 "Countryside"
/DOMESTIC
    0 "No domestic worker"
    1 "At least one domestic worker (female)"
/OWNLAND
    0 "Does not work own or family's agricultural land"
    1 "Works own or family's land"

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COMPUTE h2oires = 0.
IF (hv201 = 11) h2oires = 1.
VAR LABELS h2oires "if water is piped into residence".
VALUE LABELS h2oires      0 "no water piped into residence"
                        1 "uses water that is piped into
residence".

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COMPUTE h2oores = 0.
IF (hv201 = 12) h2oores = 1.

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VAR LABELS h2oores "if water is piped into yard".
VALUE LABELS h2oores 0 "no water piped into yard"
                  1 "uses water that is piped into yard".

COMPUTE h2opub = 0.
IF (hv201 = 13) h2opub = 1.
VAR LABELS h2opub "if water is from a public standpipe".
VALUE LABELS h2opub 0 "no water from a public standpipe"
                  1 "uses water from a public standpipe".

COMPUTE h2oowel = 0.
IF (hv201 = 22) h2oowel = 1.
VAR LABELS h2oowel "if water is from own open well".
VALUE LABELS h2oowel 0 "no water from own open well"
                  1 "uses water from own open well".

COMPUTE h2opwel = 0.
IF (hv201 = 23) h2opwel = 1.
VAR LABELS h2opwel "if water is from public open well".
VALUE LABELS h2opwel 0 "no water from public open well"
                  1 "uses water from public open well".

COMPUTE h2powel = 0.
IF (hv201 = 32) h2powel = 1.
VAR LABELS h2powel "if water is from own protected well".
VALUE LABELS h2powel 0 "no water from own protected well"
                  1 "uses water from own protected well".

COMPUTE h2ppwel = 0.
IF (hv201 = 33) h2ppwel = 1.
VAR LABELS h2ppwel "if water is from a public protected well".
VALUE LABELS h2ppwel 0 "no water from a public protected well"
                  1 "uses water from a public protected
well".

COMPUTE h2osprng = 0.
IF (hv201 = 41) h2osprng = 1.
VAR LABELS h2osprng "if water is from a spring".
VALUE LABELS h2osprng 0 "no water from spring"
                  1 "uses water from spring".

COMPUTE h2osurf = 0.
IF (hv201 > 41 & hv201 < 62) h2osurf = 1.
VAR LABELS h2osurf "if uses surface water for drinking".
VALUE LABELS h2osurf 0 "no surface water for drinking"
                  1 "uses surface water for drinking".

COMPUTE pflush = 0.
IF (hv205 = 11 & hv225 = 0) pflush = 1.
VAR LABELS pflush "if uses private flush toilet".
VALUE LABELS pflush 0 "no private flush toilet"
                  1 "uses private flush toilet".

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COMPUTE sflush = 0.
IF (hv205 = 11 & hv225 = 1) sflush = 1.
VAR LABELS sflush "if uses shared flush toilet".
VALUE LABELS sflush      0 "no shared flush toilet"
                        1 "uses shared flush toilet".

COMPUTE ppitlat = 0.
IF ((hv205 = 21 | hv205 = 96) & hv225 = 0) ppitlat = 1.
VAR LABELS ppitlat "if uses private pit latrine".
VALUE LABELS ppitlat      0 "no private pit latrine"
                        1 "uses private pit latrine".

COMPUTE spitlat = 0.
IF ((hv205 = 21 | hv205 = 96) & hv225 = 1) spitlat = 1.
VAR LABELS spitlat "if uses shared pit latrine".
VALUE LABELS spitlat      0 "no shared pit latrine"
                        1 "uses shared pit latrine".

COMPUTE pviplat = 0.
IF (hv205 = 22 & hv225 = 0) pviplat = 1.
VAR LABELS pviplat "if uses private vip latrine".
VALUE LABELS pviplat      0 "no private vip latrine"
                        1 "uses private vip latrine".

COMPUTE sviplat = 0.
IF (hv205 = 22 & hv225 = 1) sviplat = 1.
VAR LABELS sviplat "if uses shared vip latrine".
VALUE LABELS sviplat      0 "no shared vip latrine"
                        1 "uses shared vip latrine".

COMPUTE latbush = 0.
IF (hv205 = 31) latbush = 1.
VAR LABELS latbush "if uses the bush for latrine".
VALUE LABELS latbush      0 "no bush for latrine"
                        1 "uses bush for latrine".

COMPUTE natfloo = 0.
IF (hv213 > 10 & hv213 < 23) natfloo = 1.
VAR LABELS natfloo "if has a floor made of natural materials".
VALUE LABELS natfloo      0 "no natural floor"
                        1 "has natural floor".

COMPUTE finfloo = 0.
IF (hv213 = 32 | hv213 = 34 | hv213 = 96) finfloo = 1.
VAR LABELS finfloo "if has a finished floor - cemt, vinyl/asphalt
strips".
VALUE LABELS finfloo      0 "no finished floor"
                        1 "has finished floor".

COMPUTE nicefloo = 0.
IF (hv213 = 31 | hv213 = 33 | hv213 = 35) nicefloo = 1.

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VAR LABELS nicefloo "if has a nicely finished floor - parquet,  
ceramic tile, carpet".  
VALUE LABELS nicefloo 0 "no nicely finished floor"  
1 "has nicely finished floor".
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```
COMPUTE cookelec = 0.  
IF (hv226 > 0 & hv226 < 5) cookelec = 1.  
VAR LABELS cookelec "if cooking fuel is electric or gas".  
VALUE LABELS cookelec 0 "cooking fuel is not electric or gas"  
1 "cooking fuel is electric or gas".
```

```
COMPUTE cookcoal = 0.  
IF (hv226 = 5 | hv226 = 6) cookcoal = 1.  
VAR LABELS cookcoal "if cooking fuel is coal/charcoal".  
VALUE LABELS cookcoal 0 "cooking fuel is not coal/charcoal"  
1 "cooking fuel is coal/charcoal".
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```
COMPUTE cookraw = 0.  
IF (hv226 > 6 & hv226 < 97) cookraw = 1.  
VAR LABELS cookraw "if cooking fuel is wood/straw/dung".  
VALUE LABELS cookraw 0 "cooking fuel is wood/straw/dung"  
1 "cooking fuel is wood/straw/dung".
```

```
RECODE hv206 (MISSING = 0).  
RECODE hv207 (MISSING = 0).  
RECODE hv208 (MISSING = 0).  
RECODE hv209 (MISSING = 0).  
RECODE hv210 (MISSING = 0).  
RECODE hv211 (MISSING = 0).  
RECODE hv212 (MISSING = 0).  
RECODE sh27b (MISSING = 0).  
RECODE sh27e (MISSING = 0).  
RECODE sh27f (MISSING = 0).  
RECODE sh27g (MISSING = 0).  
RECODE sh27h (MISSING = 0).  
RECODE sh27i (MISSING = 0).  
RECODE sh29ea (MISSING = 0).  
RECODE sh29eb (MISSING = 0).  
RECODE sh29ec (MISSING = 0).  
RECODE sh29ed (MISSING = 0).  
RECODE sh29ee (MISSING = 0).
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EXECUTE.
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```
FREQ hv206 hv207 hv208 hv209 hv210 hv211 hv212 sh27b sh27e sh27f  
sh27g sh27h sh27i sh29ea sh29eb sh29ec sh29ed sh29ee.
```

```
FACTOR  
/VARIABLES ownland h2oires h2oores h2opub h2oowel h2opwel
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h2powel h2ppwel
  h2osprng h2osurf pflush sflush ppitlat spitlat pviplat sviplat
latbush
  natfloo finfloo nicefloo cookelec cookcoal cookraw sh27b sh27e
sh27f sh27g
  sh27h sh27i sh29ea sh29eb sh29ec sh29ed sh29ee hv206 hv207
hv208 hv209 hv210
  hv211 hv212 /MISSING MEANSUB /ANALYSIS ownland h2oires h2oores
h2opub
  h2oowel h2opwel h2powel h2ppwel h2osprng h2osurf pflush sflush
ppitlat
  spitlat pviplat sviplat latbush natfloo finfloo nicefloo
cookelec cookcoal
  cookraw sh27b sh27e sh27f sh27g sh27h sh27i sh29ea sh29eb
sh29ec sh29ed
  sh29ee hv206 hv207 hv208 hv209 hv210 hv211 hv212
/PRINT UNIVARIATE INITIAL EXTRACTION FSCORE
/CRITERIA FACTORS(1) ITERATE(25)
/EXTRACTION PC
/ROTATION NOROTATE
/SAVE REG(ALL)
/METHOD=CORRELATION .

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```

COMPUTE hmemwt = hv005/1000000 * hv012 .
VARIABLE LABELS hmemwt 'HH members weighting for Index' .

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WEIGHT
BY hmemwt .
FREQUENCIES
VARIABLES=fac1_1 /FORMAT=NOTABLE
/NTILES= 5
/STATISTICS=STDDEV MINIMUM MAXIMUM MEAN MEDIAN /ORDER ANALYSIS .

```

```

RECODE
fac1_1
(Lowest thru -0.48227155931=1) (-0.48227155931 thru
-0.3924837342713=2) (-0.3924837342713 thru
-0.2423509440653=3) (-0.2423509440653 thru 0.3833258990892=4)
(0.3833258990892 thru Highest=5) INTO wlthind5 .
VARIABLE LABELS wlthind5 'Wealth Index Quintiles'.
EXECUTE .

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```

write outfile='c:\malawi\scores.dat' records=1 table
/hhid fac1_1 wlthind5.
execute.

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MEANS
TABLES=ownland h2oires h2oores h2opub h2oowel h2opwel h2powel
h2ppwel
  h2osprng h2osurf pflush sflush ppitlat spitlat pviplat sviplat

```

```
latbush
  natfloo finfloo nicefloo cookelec cookcoal cookraw sh27b sh27e
sh27f sh27g
  sh27h sh27i sh29ea sh29eb sh29ec sh29ed sh29ee hv206 hv207
hv208 hv209 hv210
  hv211 hv212
BY
  wlthind5
  /CELLS MEAN .

FREQ wlthind5.
WEIGHT OFF.
FREQ wlthind5.
```