DATA LIST FILE='c:\mad\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
HV024      64-65
HV025      66-66
HV026      67-67
DOMESTIC   68-68
OWNLAND    69-69
H2OIRE    70-70
H2OPENW   71-71
H2PROTW   72-72
OWNFLUSH  73-73
COOKELEC  74-74
OWNDRPIT  75-75
H2OSURF   76-76
LATBUSH   77-77
SHDRPIT   78-78
DIRTFLOO  79-79
H2OPENPW  80-80
H2PROTPW  81-81
OWNPIT    82-82
SHFISH    83-83

1
TILEFLOO  84-84
PALMFLOO  85-85
OWNVIP    86-86
VINFLLOO  87-87
H2OYARD   88-88
PARQFLOO  89-89
CARPFLOO  90-90
WOODFLOO  91-91
COOKGAS   92-92
SHVIP     93-93
COOKCOAL  94-94
COOKCHAR  95-95
COOKWOOD  96-96
H2OPUB    97-97
DUNGFLOO  98-98
H2SPRING  99-99
SHFLUSH   100-100
CEMTFLOO  101-101
.

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"
  /HV024   "Region"
<table>
<thead>
<tr>
<th>Variable</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>HV025</td>
<td>&quot;Type of place of residence&quot;</td>
</tr>
<tr>
<td>HV026</td>
<td>&quot;Place of residence&quot;</td>
</tr>
<tr>
<td>DOMESTIC</td>
<td>&quot;If HH has a domestic worker not related to head&quot;</td>
</tr>
<tr>
<td>OWNLAND</td>
<td>&quot;If household works own or family's agric. land&quot;</td>
</tr>
<tr>
<td>H2O1RES</td>
<td>&quot;If piped drinking water in residence&quot;</td>
</tr>
<tr>
<td>H2OPENW</td>
<td>&quot;If gets water from an open well&quot;</td>
</tr>
<tr>
<td>H2PROTW</td>
<td>&quot;If gets water from a protected well&quot;</td>
</tr>
<tr>
<td>OWNFLUSH</td>
<td>&quot;If uses own flush toilet&quot;</td>
</tr>
<tr>
<td>COOKELEC</td>
<td>&quot;If uses electric for cooking fuel&quot;</td>
</tr>
<tr>
<td>OWNDRPIT</td>
<td>&quot;If uses own drained pit latrine&quot;</td>
</tr>
<tr>
<td>H2OSURF</td>
<td>&quot;If uses surface water for drinking&quot;</td>
</tr>
<tr>
<td>LATBUSH</td>
<td>&quot;If uses bush, field as latrine&quot;</td>
</tr>
<tr>
<td>SHDRPIT</td>
<td>&quot;If uses shared drained pit latrine&quot;</td>
</tr>
<tr>
<td>DIRTFLOO</td>
<td>&quot;If has a dirt or sand floor&quot;</td>
</tr>
<tr>
<td>H2OPENPW</td>
<td>&quot;If gets water from an open public well&quot;</td>
</tr>
<tr>
<td>H2PROTPW</td>
<td>&quot;If gets water from a public protected well&quot;</td>
</tr>
<tr>
<td>OWNPIT</td>
<td>&quot;If uses own pit latrine&quot;</td>
</tr>
<tr>
<td>SHPIT</td>
<td>&quot;If uses a shared pit latrine&quot;</td>
</tr>
<tr>
<td>TILEFLOO</td>
<td>&quot;If has floor of ceramic tile (includes parquet floor)&quot;</td>
</tr>
<tr>
<td>PALMFLOO</td>
<td>&quot;If flooring is of palm or bamboo&quot;</td>
</tr>
<tr>
<td>OWNVIP</td>
<td>&quot;If uses own vip latrine&quot;</td>
</tr>
<tr>
<td>VINFLOO</td>
<td>&quot;If has vinyl flooring&quot;</td>
</tr>
<tr>
<td>H2OYARD</td>
<td>&quot;If gets water from a tap in the yard&quot;</td>
</tr>
<tr>
<td>PARQFLOO</td>
<td>&quot;If has parquet flooring&quot;</td>
</tr>
<tr>
<td>CARPFLOO</td>
<td>&quot;If has carpet flooring&quot;</td>
</tr>
<tr>
<td>WOODFLOO</td>
<td>&quot;If has wood flooring&quot;</td>
</tr>
<tr>
<td>COOKGAS</td>
<td>&quot;If uses gas, biogas for cooking (15 cases kero)&quot;</td>
</tr>
<tr>
<td>SHVIP</td>
<td>&quot;If uses a shared vip latrine&quot;</td>
</tr>
<tr>
<td>COOKCOAL</td>
<td>&quot;If uses coal for cooking&quot;</td>
</tr>
<tr>
<td>COOKCHAR</td>
<td>&quot;If walls are of galvanized iron/aluminum&quot;</td>
</tr>
<tr>
<td>COOKWOOD</td>
<td>&quot;If uses wood for cooking (17 cases of dung)&quot;</td>
</tr>
<tr>
<td>H2OPUB</td>
<td>&quot;If uses public tap water&quot;</td>
</tr>
<tr>
<td>DUNGFLOO</td>
<td>&quot;If has dung flooring&quot;</td>
</tr>
<tr>
<td>H2SPRING</td>
<td>&quot;If gets water from a spring&quot;</td>
</tr>
<tr>
<td>SHFLUSH</td>
<td>&quot;If uses a shared flush toilet&quot;</td>
</tr>
<tr>
<td>CEMTFLOO</td>
<td>&quot;If has cement flooring&quot;</td>
</tr>
</tbody>
</table>

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)
VALUE LABELS

HV201
10 "PIPED WATER"
11 "Piped into dwelling"
12 "Piped into yard/plot"
13 "Public tap"
20 "OPEN WELL WATER"
21 "Open well in dwelling"
22 "Open well in yard/plot"
23 "Open public well"
30 "COVERED WELL/BOREHOLE"
31 "Protected well in dwelling"
32 "Protected well in yard/plot"
33 "Protected public well"
40 "SURFACE WATER"
41 "Spring"
42 "River, stream"
43 "Pond, lake"
44 "Dam"
51 "Rainwater"
61 "Tanker truck"
71 "Bottled water"
96 "Other"

HV204
996 "On premises"

HV205
10 "FLUSH TOILET"
11 "Flush toilet"
20 "PIT TOILET LATRINE"
21 "Traditional pit toilet"
22 "Ventilated improved pit latrine"
23 "Pit latrine with drainage"
30 "NO FACILITY"
31 "No facility, bush, field"
96 "OTHER"

HV206
0 "No"
1 "Yes"

HV207
7 "Antsiranana"
/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"
/H2O1RES
0 "No piped water in residence"
1 "Has piped water in residence"
/H2OPENW
0 "No water from open well"
1 "Gets water from an open well"
/H2PROTW
0 "No water from a protected well"
1 "Gets water from a protected well"
/OWNFLUSH
0 "No own flush toilet"
1 "Uses own flush toilet"
/COOKELEC
0 "No electric for cooking fuel"
1 "Uses electric for cooking fuel"
/OWNDRPIT
0 "No own drained pit latrine"
1 "Uses own drained pit latrine"
/H2OSURF
0 "No surface drinking water"
1 "Uses surface water for drinking"
/LATBUSH
0 "Does not use bush, field as latrine"
1 "Uses bush, field as latrine"
/SHDRPIT
0 "No shared drained pit latrine"
1 "Uses shared drained pit latrine"
/DIRTFLOO
0 "No dirt or sand floor"
1 "Has dirt or sand floor"
/H2OPENPW
0 "No water from an open public well"
1 "Gets water from an open public well"
/H2PROTPW
0 "No water from a public protected well"
1 "Gets water from a public protected well"
/OWNPIT
0 "Does not use own pit latrine"
1 "Uses own pit latrine"

/SHPIT
0 "No shared pit latrine"
1 "Uses a shared pit latrine"

/TILEFLOO
0 "No ceramic tile floor"
1 "Has ceramic tile floor"

/PALMFLOO
0 "No palm/bamboo flooring"
1 "Has palm/bamboo flooring"

/OWNVIP
0 "No use of own vip latrine"
1 "Uses own vip latrine"

/VINFLOO
0 "No vinyl flooring"
1 "Has vinyl flooring"

/H2OYARD
0 "No water from tap in yard"
1 "Gets water from a tap in the yard"

/PARQFLOO
0 "No parquet flooring"
1 "Has parquet flooring"

/CARPFLOO
0 "Does not have carpet flooring"
1 "Has carpet flooring"

/WOODFLOO
0 "No wood flooring"
1 "Has wood flooring"

/COOKGAS
0 "Does not use gas for cooking"
1 "Uses gas for cooking"

/SHVIP
0 "No shared vip latrine"
1 "Uses a shared vip latrine"

/COOKCOAL
0 "Does not use coal for cooking"
1 "Uses coal for cooking"

/COOKCHAR
0 "Does not use charcoal for cooking"
1 "Uses charcoal for cooking"

/COOKWOOD
0 "Does not use wood, straw for cooking"
1 "Uses wood, straw for cooking"

/H2OPUB
0 "No public tap water"
1 "Uses public tap water"

/DUNGFLOO
0 "Flooring is not of dung"
1 "Flooring is of dung"

/H2SPRING
0 "Does not get water from spring"
1 "Gets water from spring"

/ SHFLUSH
0 "Does not use a shared flush toilet"
1 "Uses a shared flush toilet"

/ CEMTFLOO
0 "Does not have cement flooring"
1 "Has cement flooring"
.

FACTOR
/VARIABLES ownland h2oires h2openw h2protw ownflush cookelec
owndrpit
h2osurf latbush shdrpit dirtflooo h2openpw h2protpw ownpit shpit
tileflooo
palmfloooownvип vinflooo h2oyard parqflooo carpflooo woodflooo
cookgas shvip
cookcoal cookchar cookwood h2opub dungflooo h2spring shflush
cemtfloo
/MISSING MEANSUB /ANALYSIS ownland h2oires h2openw h2protw
ownflush cookelec
owndrpit h2osurf latbush shdrpit dirtflooo h2openpw h2protpw
ownpit shpit
tileflooo palmflooo ownvip vinflooo h2oyard parqflooo carpflooo
woodflooo cookgas
shvip cookcoal cookchar cookwood h2opub dungflooo h2spring
shflush cemtfloo
/PRINT UNIVARIATE INITIAL EXTRACTION FSCORE
/Criteria Factors(1) Iterate(25)
/EXTRACTION PC
/ROTATION NORotate
/Save Reg(ALL)
/METHOD=CORRELATION .

save outfile="c:\mad\assets.sav".
COMPUTE hhmemwt = hv005/1000000 * hv012 .
VARIABLE LABELS hhmemwt 'HH members weighting for Index' .

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

RECODE
fac1_1
(Lowest thru -1.318045519308=1) (-1.318045519308 thru 
-1.000211215228=2) (-1.000211215228 thru 
-0.6104506826164=3) (-0.6104506826164 thru 0.58349544193=4)
(0.58349544193 thru Highest=5) INTO
VARIABLE LABELS wthind5 'Wealth Index Quintiles'.
EXECUTE.

write outfile="c:\mad\scores.dat" records=1 table
/hhid fac1_1 wthind5.
execute.

write outfile="c:\mad\scores.sav" records=1 table
/hhid fac1_1 wthind5.
execute.

MEANS
  TABLES=ownland h2oires h2openw h2protw ownflush cookelec
  owndrpit
  h2osurf latbush shdrpit dirtfloo h2openpw h2protpw ownpit shpit
tilefloo
  palmfloo ownvip vinfloo h2oyard parqfloo carpfloo woodfloo
cookgas shvip
  cookcoal cookchar cookwood h2opub dungfloo h2spring shflush
cemtfloo
BY
  wthind5
  /CELLS MEAN .

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