DATA LIST FILE='c:\hnp2\zim01\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
SHQLANG 64-64
SHILANG 65-65
SH18A 66-67
SH22A 68-68
SH22E 69-69
HV024 70-71
HV025 72-72
HV026 73-73
DOMESTIC 74-74
OWNLAND 75-75
.
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"
```plaintext
VALUE LABELS
HV201
  10 "PIPED WATER"
  11 "Piped into own dwelling"
  12 "Piped into yard/plot"
  13 "Public Tap"
  20 "WELL WATER"
  21 "Protected well"
  22 "Unprotected well"
  23 "Borehole"
  30 "SURFACE WATER"
  31 "Spring"
  32 "River/Stream"
  33 "Pond/Lake/Dam"
  41 "Rainwater"
  96 "Other"
HV204
  996 "On premises"
HV205
  10 "FLUSH TOILET"
  11 "Flush toilet"
  20 "PIT TOILET LATRINE"
  21 "Traditional Pit Toilet"
  22 "(VIP) Latrine/Blair Toilet"
  30 "NO FACILITY"
  31 "No facility/Bush/Field"
  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"
11 "Earth/Sand"
12 "Dung"
20 "RUDIMENTARY"
21 "Wood planks"
30 "FINISHED FLOOR"
31 "Parquet or Polished Wood"
32 "Vinyl or Asphalt Strips"
33 "Ceramic Tiles"
34 "Cement"
35 "Carpet"
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"
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"
/HV231
  0 "No"
  1 "Yes"
/HV232
  0 "No"
  1 "Yes"
/HV233
  0 "No"
  1 "Yes"
/SHQLANG
  1 "Shona"
  2 "Ndebele"
  3 "English"
/SHILANG
  1 "Shona"
  2 "Ndebele"
  3 "English"
  4 "Other"
/SH18A
  0 "Toilet/facility not shared"
/SH22A
  0 "No"
  1 "Yes"
/SH22E
  0 "No"
  1 "Yes"
/HV024
  1 "Manicaland"
  2 "Mashonaland Central"
  3 "Mashonaland East"
  4 "Mashonaland West"
  5 "Matabeleland North"
  6 "Matabeleland South"
  7 "Midlands"
  8 "Masvingo"
  9 "Harare"
  10 "Bulawayo"
/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"
.

* {Reset missing values to "does not have"}.
if (missing(hv206)) hv206=0.
if (missing(hv207)) hv207=0.
if (missing(hv208)) hv208=0.
if (missing(hv209)) hv209=0.
if (missing(hv210)) hv210=0.
if (missing(hv211)) hv211=0.
if (missing(hv212)) hv212=0.
if (missing(hv221)) hv221=0.
if (missing(hv225)) hv225=0.
if (missing(sh22a)) sh22a=0.

* {Construct Variables}.

* {Drinking water supply}.
compute h2oires=0.
if (hv201=11) h2oires=1.
compute h2oores=0.
if (hv201=12) h2oores=1.
compute h2oPUB=0.
if (hv201=13) h2oPUB=1.
compute h2oOwell=0.
if (hv201=22) h2oOwell=1.
compute h2oCwell=0.
if (hv201=21) h2oCwell=1.
compute h2obwell=0.
if (hv201=23) h2obwell=1.
compute h2osurf=0.
if (hv201>=32 or hv201=33) h2osurf=1.
compute h2ospng=0.
if (hv201=31) h2ospng=1.
compute h2orain=0.
if (hv201=41) h2orain=1.
compute h2ooth=0.
if (hv201=96) h2ooth=1.

VARIABLE LABELS
  H2OIRES  "if piped drinking water in residence"
  /H2OORES "if uses water that is piped into the building"
  /H2OPUB   "if uses a public faucet (piped)"
H2oWELL "if uses a unprotected well"
H2oCWELL "if uses covered well for drinking water"
H2oBWell "if uses a traditional public well"
H2oSURF  "if uses river, canal or surface water for drinking"
H2ORAIN  "if rain for drinking water"
H2Ospng "if gets drinking water from tanker truck"
H2oOTH  "Other source of drinking water"

VALUE LABELS
H2OIRES 1 "if piped drinking water in residence"
H2Oores 1 "if uses water that is piped into the building"
H2OPub  1 "if uses a public faucet (piped)"
H2oWELL 1 "if uses a unprotected well"
H2oCWELL 1 "if uses covered well for drinking water"
H2oBWell 1 "if uses a traditional public well"
H2oSURF  1 "if uses river, canal or surface water for drinking"
H2ORAIN  1 "if rain for drinking water"
H2Ospng 1 "if gets drinking water from tanker truck"
H2oOTH  1 "Other source of drinking water"

* {Toilet facility}.
compute flush=0.
if (hv205=11 or hv225=0)  flush=1.
compute latpit=0.
if (hv205=21 or hv225=0) latpit=1.
compute latvip=0.
if (hv205=22 or hv225=0) latvip=1.
compute sflush=0.
if (hv205=11 or hv225=1)  sflush=1.
compute slatpit=0.
if (hv205=21 or hv225=1) slatpit=1.
compute slatvip=0.
if (hv205=22 or hv225=1) slatvip=1.
compute latbush=0.
if (hv205=31) latbush=1.
compute latoth=0.
if (hv205=96) latoth=1.

VARIABLE LABELS
Flush    "if uses a flush toilet"
/LATPIT   "if uses a pit latrine"
/LATVIP   "if uses a VIP latrine"
/sFlush   "if uses a shared flush toilet"
/sLatpit   "if uses a shared pit latrine"
/sLatvip  "if uses a shared VIP latrine"
/Latbush  "if uses bush,field as latrine"
/Latoth   "if other type of latrine"

VALUE LABELS
Flush  1 "if uses a flush toilet"
/LATPIT 1 "if uses a pit latrine"
LATVIP 1 "if uses a VIP latrine"
/sFlush 1 "if uses a shared flush toilet"
/sLATPIT 1 "if uses a shared pit latrine"
/sLATVIP 1 "if uses a shared VIP latrine"
/LATBUSH 1 "if uses bush, field as latrine"
/LATOTH 1 "if other type of latrine"
.

* {Flooring}.
compute dirtfloo=0.
if (hv213=11 or hv213=12) dirtfloo=1.
compute woodfloo=0.
if (hv213=21) woodfloo=1.
compute parqfloo=0.
if (hv213=31) parqfloo=1.
compute vinlfloo=0.
if (hv213=32) vinlfloo=1.
compute tilefloo=0.
if (hv213=33) tilefloo=1.
compute cemtfloo=0.
if (hv213=34) cemtfloo=1.
compute rugfloo=0.
if (hv213=35) rugfloo=1.
compute othfloo=0.
if (hv213=96) othfloo=1.

VARIABLE LABELS
DIRTFLOO "if has dirt, sand, dung as principal floor in dwelling"
/WOODFLOO "if has wood, plank principal floor in dwelling"
/CEMTFLOO "if has cement principal floor"
/PARQFLOO "if has parquet or polished wood floors"
/TILEFLOO "if has tiles for main flooring material"
/VINLFLOO "if has vinyl or asphalt strips as flooring material"
/rugFLOO "if has carpets for principal floor"
/OTHFLOO "if has other type of flooring"
.

VALUE LABELS
DIRTFLOO 1 "if has dirt, sand, dung as principal floor in dwelling"
/WOODFLOO 1 "if has wood, plank principal floor in dwelling"
/CEMTFLOO 1 "if has cement principal floor"
/PARQFLOO 1 "if has parquet or polished wood floors"
/TILEFLOO 1 "if has tiles for main flooring material"
/VINLFLOO 1 "if has vinyl or asphalt strips as flooring material"
/rugFLOO 1 "if has carpets for principal floor"
/OTHFLOO 1 "if has other type of flooring"
.

* {Cooking fuel}.
compute cookelec =0.
if (hv226=1) cookelec =1.
compute cookgas =0.
if (hv226=2) cookgas =1.
compute cookbio =0.
if (hv226=3) cookbio =1.
compute cookkero =0.
if (hv226=4) cookkero =1.
compute cookcoal =0.
if (hv226=5) cookcoal =1.
compute cookchar =0.
if (hv226=6) cookchar =1.
compute cookwood =0.
if (hv226=7) cookwood =1.
compute cookdung =0.
if (hv226=8) cookdung =1.
compute cookoth =0.
if (hv226=96) cookoth =1.

VARIABLE LABELS
COOKWOOD "if uses wood as cooking fuel"
/COOKDUNG "if uses dung, manure as cooking fuel"
/COOKCOAL "if uses coal as cooking fuel"
/COOKCHAR "if uses charcoal as cooking fuel"
/COOKKERO "if uses kerosene as cooking fuel"
/COOKGAS "if uses gas as cooking fuel"
/COOKBIO "if uses biogas as cooking fuel"
/COOKELEC "if uses electricity as cooking fuel"
/COOKOTH "if uses other cooking fuel"
.
VALUE LABELS
COOKWOOD
  0 "Does not use wood as cooking fuel"
  1 "Uses wood as cooking fuel"
/COOKDUNG
  0 "Does not use dung, manure as cooking fuel"
  1 "Uses dung, manure as cooking fuel"
/COOKCOAL
  0 "Does not use coal as cooking fuel"
  1 "Uses coal as cooking fuel"
/COOKCHAR
  0 "No charcoal as cooking fuel"
  1 "Cooks with charcoal"
/COOKKERO
  0 "Does not use kerosene as cooking fuel"
  1 "Uses kerosene as cooking fuel"
/COOKGAS
  0 "Does not use gas as cooking fuel"
  1 "Uses gas as cooking fuel"
/COOKBIO
  0 "No biogas as cooking fuel"
  1 "Uses biogas as cooking fuel"
/COOKELEC
0 "Does not use electricity as cooking fuel"
1 "Uses wood as electricity fuel"

/COOKOTH
0 "Does not use other cooking fuel"
1 "Uses other cooking fuel"

execute.

FACTOR
/VARIABLES hv206 hv207 hv208 hv209 hv210 hv211 hv212 hv221
sh22a ownland
h2oires h2oores h2opub h2owell h2ocwell h2obwell h2osurf
h2ospng h2orain
h2ooth flush latpit latvip sflush slatpit slatvip latbush
latoth dirtflool
woodflooo parqflooo vinlfloo tileflooo cemtfloo rugflooo othflooo
cookelec
cookgas cookbio cookkero cookwood cookdung cookoth
sh18a /MISSING
MEANSUB /ANALYSIS hv206 hv207 hv208 hv209 hv210 hv211 hv212
hv221 sh22a
ownland h2oires h2oores h2opub h2owell h2ocwell h2obwell
h2osurf h2ospng
h2orain h2ooth flush latpit latvip sflush slatpit slatvip
latbush latoth
dirtflool woodflooo parqflooo vinlfloo tileflooo cemtfloo rugflooo
othflooo
cookelec cookgas cookbio cookkero cookchar cookwood cookdung
cookoth sh18a
/PRINT UNIVARIATE INITIAL EXTRACTION FSORE
/CRITERIA FACTORS(1) ITERATE(25)
/EXTRACTION PC
/ROTATION NORotate
/SAVE REG(ALL)
/METHOD=CORRELATION .

save outfile="c:\hnp2\zim01\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 .

RANK
VARIABLES = fac1_1 
/NTILES(5) INTO wlthind5 
/PRINT = NO 
/TIES = MEAN . 
VARIABLE LABELS wlthind5 'Wealth Index Quintiles'. 
VALUE LABELS 
   wlthind5 1 "Lowest" 2 "Second" 3 "Middle" 4 "Fourth" 5 "Highest". 
write outfile='c:\hnp2\zim01\scores.dat' records=1 table 
/hhid fac1_1 wlthind5. 
execute. 
MEANS 
   TABLES=hv206 hv207 hv208 hv209 hv210 hv211 hv221 sh22a ownland 
   h2oires h2oores h2opub h2oowell h2ocwell h2obwell h2osurf h2ospng h2orain 
   h2ooth flush latpit latvip sflush slatpit slatvip latbush latoth dirtfloo 
   woodfloo parqfloo vinfloo tilefloo cementfloo rugfloo othfloo cookelec 
   cookgas cookbio cookkero cookchar cookwood cookdung cookoth sh18a 
   BY 
   hv025 by wlthind5 
   /CELLS MEAN . 
WEIGHT 
   OFF. 
DESCRIPTIVES 
   VARIABLES=hv206 hv207 hv208 hv209 hv210 hv211 hv221 sh22a ownland 
   h2oires h2oores h2opub h2oowell h2ocwell h2obwell h2osurf h2ospng h2orain 
   h2ooth flush latpit latvip sflush slatpit slatvip latbush latoth dirtfloo 
   woodfloo parqfloo vinfloo tilefloo cementfloo rugfloo othfloo cookelec 
   cookgas cookbio cookkero cookchar cookwood cookdung cookoth sh18a 
   /STATISTICS=MEAN STDDEV MIN MAX . 
save outfile="c:\hnp2\zim01\assets.sav".