

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"

/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 -NA"
 /HV215 "Main roof material -NA"
 /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 -NA"
 /HV231 "Items present: Water, tap"
 /HV232 "Items present: soap/other cleansing agent"
 /HV233 "Items present: Basin"
 /HV234 "Test salt for Iodine -NA"
 /SHQLANG "Language of questionnaire"
 /SHILANG "Language of interview"
 /SH18A "Number of households toilet/sanitation facility is
 shared"
 /SH22A "Modern oxcart"
 /SH22E "Place for handwashing in HH"
 /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"

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)
 /SH18A (99)
 /SH22A (9)
 /SH22E (9)
 /HV026 (9)

.
 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 FACILIITY"
 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)"

```

```

/H2OoWELL "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)"
/H2OoWELL 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 for cooking"
/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 for cooking"
    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 for cooking"
    1 "Uses biogas for cooking"
/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 h2oowell h2ocwell h2obwell h2osurf
h2ospng h2orain
  h2ooth flush latpit latvip sflush slatpit slatvip latbush
latoth dirtfloo
  woodfloo parqfloo vinlfloo tilefloo cemtfloo rugfloo othfloo
cookelec
  cookgas cookbio cookkero cookchar cookwood cookdung cookoth
sh18a /MISSING
  MEANSUB /ANALYSIS hv206 hv207 hv208 hv209 hv210 hv211 hv212
hv221 sh22a
  ownland h2oires h2oores h2opub h2oowell h2ocwell h2obwell
h2osurf h2ospng
  h2orain h2ooth flush latpit latvip sflush slatpit slatvip
latbush latoth
  dirtfloo woodfloo parqfloo vinlfloo tilefloo cemtfloo rugfloo
othfloo
  cookelec cookgas cookbio cookkero cookchar cookwood cookdung
cookoth sh18a
  /PRINT UNIVARIATE INITIAL EXTRACTION FSCORE
  /CRITERIA FACTORS(1) ITERATE(25)
  /EXTRACTION PC
  /ROTATION NOROTATE
  /SAVE REG(ALL)
  /METHOD=CORRELATION .

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

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

WEIGHT
BY hmemwt .
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 hv212 hv221 sh22a
  ownland
  h2oires h2oores h2opub h2oowell h2ocwell h2obwell h2osurf
  h2ospng h2orain
  h2ooth flush latpit latvip sflush slatpit slatvip latbush
  latoth dirtfloo
  woodfloo parqfloo vinlfloo tilefloo cemtfloo 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 hv212 hv221 sh22a
  ownland
  h2oires h2oores h2opub h2oowell h2ocwell h2obwell h2osurf
  h2ospng h2orain
  h2ooth flush latpit latvip sflush slatpit slatvip latbush
  latoth dirtfloo
  woodfloo parqfloo vinlfloo tilefloo cemtfloo rugfloo othfloo
  cookelec
  cookgas cookbio cookkero cookchar cookwood cookdung cookoth
  sh18a
/STATISTICS=MEAN STDDEV MIN MAX .

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

```