

DATA LIST FILE='c:\hnp2\zambia01\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	
SHEA	64-64	
SHNUMBER	65-67	
SHSERIAL	68-74	
SHLINE7	75-76	
SHSUGAR	77-77	
SHLANG	78-79	
SH23	80-80	
SH24	81-81	
SH25	82-82	
SH26A	83-83	
SH26B	84-84	
SH26C	85-85	
SH26D	86-86	
SH26E	87-87	
SH26F	88-88	
SH26X	89-89	
SH27	90-90	
SH31B	91-91	
SH36	92-92	

SH37\$1	93-94
SH38\$1	95-95
SH39\$1	96-96
SH40A\$1	97-98
SH40B\$1	99-100
SH40C\$1	101-102
SH40D\$1	103-104
SH40E\$1	105-106
SH37\$2	107-108
SH38\$2	109-109
SH39\$2	110-110
SH40A\$2	111-112
SH40B\$2	113-114
SH40C\$2	115-116
SH40D\$2	117-118
SH40E\$2	119-120
SH37\$3	121-122
SH38\$3	123-123
SH39\$3	124-124
SH40A\$3	125-126
SH40B\$3	127-128
SH40C\$3	129-130
SH40D\$3	131-132
SH40E\$3	133-134
SH42	135-135
SH43	136-136
SH44	137-137
SH46	138-138
SH47	139-139
SH48	140-140
SHDVSEL	141-141
HV024	142-143
HV025	144-144
HV026	145-145
DOMESTIC	146-146
OWNLAND	147-147

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"  
 /SHEA "Enumeration Area"  
 /SHNUMBER "Household number"  
 /SHSERIAL "Questionnaire serial number"  
 /SHLINE7 "Line number of woman selected for Q720A-L"  
 /SHSUGAR "Household selected for sugar sample"  
 /SHLANG "Language of questionnaire"  
 /SH23 "Store drinking water"  
 /SH24 "Usually boil drinking water"  
 /SH25 "Ever seen or heard Clorin"  
 /SH26A "Source of messages about Clorin: Radio"  
 /SH26B "Source of messages about Clorin: Television"  
 /SH26C "Source of messages about Clorin: Shop"  
 /SH26D "Source of messages about Clorin: Leaflets, booklets"  
 /SH26E "Source of messages about Clorin: Poster"  
 /SH26F "Source of messages about Clorin: Community-based  
 agent"  
 /SH26X "Source of messages about Clorin: Other"  
 /SH27 "Water currently treated with Clorin"  
 /SH31B "Solar power"  
 /SH36 "Number of mosquito nets"  
 /SH37\$1 "Months ago obtained mosquito net"  
 /SH38\$1 "Mosquito net treated with insecticide"  
 /SH39\$1 "Ever soaked or dipped net in a liquid"  
 /SH40A\$1 "Person who slept in mosquito net"  
 /SH40B\$1 "Person who slept in mosquito net"  
 /SH40C\$1 "Person who slept in mosquito net"  
 /SH40D\$1 "Person who slept in mosquito net"  
 /SH40E\$1 "Person who slept in mosquito net"  
 /SH37\$2 "Months ago obtained mosquito net"  
 /SH38\$2 "Mosquito net treated with insecticide"  
 /SH39\$2 "Ever soaked or dipped net in a liquid"  
 /SH40A\$2 "Person who slept in mosquito net"  
 /SH40B\$2 "Person who slept in mosquito net"  
 /SH40C\$2 "Person who slept in mosquito net"  
 /SH40D\$2 "Person who slept in mosquito net"

/SH40E\$2 "Person who slept in mosquito net"  
 /SH37\$3 "Months ago obtained mosquito net"  
 /SH38\$3 "Mosquito net treated with insecticide"  
 /SH39\$3 "Ever soaked or dipped net in a liquid"  
 /SH40A\$3 "Person who slept in mosquito net"  
 /SH40B\$3 "Person who slept in mosquito net"  
 /SH40C\$3 "Person who slept in mosquito net"  
 /SH40D\$3 "Person who slept in mosquito net"  
 /SH40E\$3 "Person who slept in mosquito net"  
 /SH42 "Sugar availability in house now"  
 /SH43 "Type of sugar package"  
 /SH44 "Quantity of sugar usually consume"  
 /SH46 "Enough food to eat"  
 /SH47 "Denied care from a health facility"  
 /SH48 "Prescribed medicine didn't obtain"  
 /SHDVSEL "Selection for domestic violence"  
 /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)  
 /SH23 (9)  
 /SH24 (9)  
 /SH25 (9)  
 /SH26A (9)

/SH26B (9)  
 /SH26C (9)  
 /SH26D (9)  
 /SH26E (9)  
 /SH26F (9)  
 /SH26X (9)  
 /SH27 (9)  
 /SH31B (9)  
 /SH36 (9)  
 /SH37\$1 (99)  
 /SH38\$1 (9)  
 /SH39\$1 (9)  
 /SH40A\$1 (99)  
 /SH40B\$1 (99)  
 /SH40C\$1 (99)  
 /SH40D\$1 (99)  
 /SH40E\$1 (99)  
 /SH37\$2 (99)  
 /SH38\$2 (9)  
 /SH39\$2 (9)  
 /SH40A\$2 (99)  
 /SH40B\$2 (99)  
 /SH40C\$2 (99)  
 /SH40D\$2 (99)  
 /SH40E\$2 (99)  
 /SH37\$3 (99)  
 /SH38\$3 (9)  
 /SH39\$3 (9)  
 /SH40A\$3 (99)  
 /SH40B\$3 (99)  
 /SH40C\$3 (99)  
 /SH40D\$3 (99)  
 /SH40E\$3 (99)  
 /SH42 (9)  
 /SH43 (9)  
 /SH44 (9)  
 /SH46 (9)  
 /SH47 (9)  
 /SH48 (9)  
 /HV026 (9)

VALUE LABELS

HV201

- 10 "PIPED WATER"
- 11 "Piped into dwelling"
- 12 "Piped into yard/plot"
- 13 "Communal tap"
- 14 "Piped to neighbour"
- 20 "OPEN WELL WATER"
- 21 "Open well in yard/plot"
- 22 "Open public well"
- 23 "Open public at neighbour"

30 "COVERED WELL/BOREHOLE"  
 31 "Protected well in yard/plot"  
 32 "Protected public well"  
 40 "SURFACE WATER"  
 41 "Spring"  
 42 "River/stream"  
 43 "Pond/lake/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 latrine"  
 22 "VIP"  
 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/Mud/Dung"  
 20 "RUDIMENTARY"  
 21 "Wood Planks"  
 30 "FINISHED"  
 31 "Parquet/Wood tiles"  
 32 "Brick"  
 33 "Terrazo/Ceramic tiles"

34 "Concrete/cement "  
 35 "Carpet "  
 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 "  
 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"  
 /SHLINE7  
 0 "No woman eligible"  
 /SHSUGAR  
 0 "No"  
 1 "Yes"  
 /SHLANG  
 1 "English"  
 2 "Bemba"  
 3 "Kaonde"  
 4 "Lozi"  
 5 "Lunda"  
 6 "Luvale"  
 7 "Nyanja"  
 8 "Tonga"  
 9 "Other"  
 /SH23  
 1 "Closed container/jerry can"  
 2 "Open container/bucket"  
 6 "Other"  
 /SH24  
 0 "No"  
 1 "Yes, most of the time"  
 2 "Yes, some of the time"  
 /SH25  
 0 "No"  
 1 "Yes"  
 /SH26A  
 0 "No"  
 1 "Yes"  
 /SH26B  
 0 "No"  
 1 "Yes"  
 /SH26C  
 0 "No"



1 "Yes"  
 /SH26D  
 0 "No"  
 1 "Yes"  
 /SH26E  
 0 "No"  
 1 "Yes"  
 /SH26F  
 0 "No"  
 1 "Yes"  
 /SH26X  
 0 "No"  
 1 "Yes"  
 /SH27  
 0 "No"  
 1 "Yes"  
 /SH31B  
 0 "No"  
 1 "Yes"  
 /SH37\$1  
 96 "More than 3 years ago"  
 /SH38\$1  
 0 "No"  
 1 "Yes"  
 8 "Not sure"  
 /SH39\$1  
 0 "No"  
 1 "Yes"  
 8 "Not sure"  
 /SH40A\$1  
 0 "No one"  
 /SH37\$2  
 96 "More than 3 years ago"  
 /SH38\$2  
 0 "No"  
 1 "Yes"  
 8 "Not sure"  
 /SH39\$2  
 0 "No"  
 1 "Yes"  
 8 "Not sure"  
 /SH40A\$2  
 0 "No one"  
 /SH37\$3  
 96 "More than 3 years ago"  
 /SH38\$3  
 0 "No"  
 1 "Yes"  
 8 "Not sure"  
 /SH39\$3  
 0 "No"  
 1 "Yes"

8 "Not sure"  
 /SH40A\$3  
 0 "No one"  
 /SH42  
 0 "No"  
 1 "Yes"  
 8 "Not sure"  
 /SH43  
 1 "Opaque package labeled zambia sugar"  
 2 "Transparent plastic labeled zambia sugar"  
 3 "Labeled, not from zambia"  
 4 "Transparent plastic, no label"  
 8 "Other, not seen"  
 /SH44  
 1 "None"  
 2 "Less than 250 grams"  
 3 "About half a kilo"  
 4 "About one KG"  
 5 "More than one KG"  
 8 "Does not know/ Not sure"  
 /SH46  
 1 "Usually/Always"  
 2 "Sometimes"  
 3 "Seldom"  
 4 "Never"  
 /SH47  
 0 "No"  
 1 "Yes"  
 8 "Do not know/not sure"  
 /SH48  
 0 "No"  
 1 "Yes"  
 8 "Do not know/not sure"  
 /HV024  
 1 "Central"  
 2 "Copperbelt"  
 3 "Eastern"  
 4 "Luapula"  
 5 "Lusaka"  
 6 "Northern"  
 7 "North-Western"  
 8 "Southern"  
 9 "Western"  
 /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"
.
*{Construct Variables}.

*{Members per sleeping room}.
if (hv012=0) hv012=hv013.
do if (hv216=0).
compute memsleep=hv012.
else.
compute memsleep=trunc(hv012/hv216).
end if.
if (memsleep>=98) memsleep=98.

*{Drinking water supply}.
compute h2oires=0.
  if (hv201=11) h2oires=1.
  var labels h2oires "Piped into dwelling".
compute h2oyard=0.
  if (hv201=12) h2oyard=1.
  var labels h2oyard "Piped into yard/plot".
compute h2opub=0.
  if (hv201=13) h2opub=1.
  var labels h2opub "Communal tap".
compute h2ongh=0.
  if (hv201=14) h2ongh=1.
  var labels h2ongh "Piped to neighbor".
compute h2well=0.
  if (hv201=21) h2well=1.
  var labels h2well "Open well in yard/plot".
compute h2pbwell=0.
  if (hv201=22) h2pbwell=1.
  var labels h2pbwell "Open public well".
compute h2nbwell=0.
  if (hv201=23) h2nbwell=1.
  var labels h2nbwell "Open public well at neighbor".
compute h2pwell=0.
  if (hv201=31) h2pwell=1.
  var labels h2pwell "Protected well in yard/plot".
compute h2ppwell=0.
  if (hv201=32) h2ppwell=1.
  var labels h2ppwell "Protected public well".
compute h2osprng=0.
  if (hv201=41) h2osprng=1.
  var labels h2osprng "Spring water".
compute h2osurf=0.
  if (hv201>=42 and hv201<=43) h2osurf=1.
  var labels h2osurf "Surface water-river, lake, etc.".
compute h2orain=0.

```

```

    if (hv201=51) h2orain=1.
    var labels h2orain "Rain water".
compute h2otruck=0.
    if (hv201=61) h2otruck=1.
    var labels h2otruck "Tanker truck".
compute h2obotl=0.
    if (hv201=71) h2obotl=1.
    var labels h2obotl "Bottled water".
compute h2ooth=0.
    if (hv201=96) h2ooth=1.
    var labels h2ooth "Other water source".

*{Toilet facility}.
compute flush=0.
    if (hv205=11) flush=1.
    var labels flush "Flush toilet".
compute latpit=0.
    if (hv205=21) latpit=1.
    var labels latpit "Traditional pit latrine".
compute vip=0.
    if (hv205=22) vip=1.
    var labels vip "Ventilated improved pit latrine".
compute latbush=0.
    if (hv205=31) latbush=1.
    var labels latbush "No facility/bush/field".
compute latoth=0.
    if (hv205=96) latoth=1.
    var labels latoth "Other toilet facility".

*{Flooring}.
compute dirtfloo=0.
    if (hv213=11) dirtfloo=1.
    var labels dirtfloo "Earth, mud, dung floor".
compute woodfloo=0.
    if (hv213=21) woodfloo=1.
    var labels woodfloo "Rudimentary wood plank floor".
compute cemtfloo=0.
    if (hv213=34) cemtfloo=1.
    var labels cemtfloo "Concrete, cement floor".
compute tilefloo=0.
    if (hv213=33) tilefloo=1.
    var labels tilefloo "Terrazo, ceramic tile floor".
compute prqfloo=0.
    if (hv213=31) prqfloo=1.
    var labels prqfloo "Parquet, wood tile floor".
compute brkfloo=0.
    if (hv213=32) brkfloo=1.
    var labels brkfloo "Brick floor".
compute othfloo=0.
    if (hv213=96) othfloo=1.
    var labels othfloo "Other type of flooring".

```

```

*{Walls}.
compute natwall=0.
  if (hv214=10) natwall =1.
  var labels natwall "Natural material walls".
compute rudwall=0.
  if (hv214=20) rudwall=1.
  var labels rudwall "Rudimentary walls".
compute finwall =0.
  if (hv214=30) finwall =1.
  var labels finwall "Finished walls".
compute othwall=0.
  if (hv214=96) othwall=1.
  var labels othwall "Other wall materials".

*{Roofing}.
compute natroof=0.
  if (hv215=10) natroof =1.
  var labels natroof "Natural material roof".
compute rudroof=0.
  if (hv215=20) rudroof=1.
  var labels rudroof "Rudimentary roof".
compute finroof=0.
  if (hv215=30) finroof =1.
  var labels finroof "Finished roof".
compute othroof=0.
  if (hv21596) othroof=1.
  var labels othroof "Other roof materials".

*{Cooking Fuel}.
compute cookelec=0.
  if (hv226=1) cookelec=1.
  var labels cookelec "Electricity for cooking".
compute cookgas=0.
  if (hv226=2) cookgas=1.
  var labels cookgas "LPG, natural gas for cooking".
compute cookbio=0.
  if (hv226=3) cookbio=1.
  var labels cookbio "Biogas for cooking".
compute cookkero=0.
  if (hv226=4) cookkero=1.
  var labels cookkero "Kerosene for cooking".
compute cookcoal=0.
  if (hv226=5) cookcoal=1.
  var labels cookcoal "Coal, lignite for cooking".
compute cookchar=0.
  if (hv226=6) cookchar=1.
  var labels cookchar "Charcoal for cooking".
compute cookwood=0.
  if (hv226=7) cookwood=1.
  var labels cookwood "Wood, straw for cooking".
compute cookdung=0.
  if (hv226=8) cookdung=1.

```

```

var labels cookdung "Dung for cooking".
compute cookoth=0.
  if (hv226=96) cookoth=1.
  var labels cookoth "Other fuel for cooking".

*{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(sh31b)) sh31b=0.
if (sh31b=2) sh31b=0.

FACTOR
/VARIABLES hv206 hv207 hv208 hv209 hv210 hv211 hv212 hv221
hv225 sh31b
  domestic ownland h2oires h2oyard h2opub h2ongh h2well h2pbwell
h2nbwell
  h2pwell h2ppwell h2osprng h2osurf h2orain h2otruck h2obotl
h2ooth flush
  latpit vip latbush latoth dirtfloo woodfloo cemtfloo tilefloo
prqfloo
  brkfloo othfloo cookelec cookgas cookcoal cookchar cookwood
cookdung cookoth
/MISSING MEANSUB
/ANALYSIS hv206 hv207 hv208 hv209 hv210 hv211 hv212 hv221 hv225
sh31b
  domestic ownland h2oires h2oyard h2opub h2ongh h2well h2pbwell
h2nbwell
  h2pwell h2ppwell h2osprng h2osurf h2orain h2otruck h2obotl
h2ooth flush
  latpit vip latbush latoth dirtfloo woodfloo cemtfloo tilefloo
prqfloo
  brkfloo othfloo cookelec cookgas cookcoal cookchar cookwood
cookdung cookoth
/PRINT UNIVARIATE INITIAL EXTRACTION FSCORE
/CRITERIA FACTORS(1) ITERATE(25)
/EXTRACTION PC
/ROTATION NOROTATE
/SAVE REG(ALL)
/METHOD=CORRELATION .

compute hhmemwt=hv012*hv005/1000000.
weight by hhmemwt.
VARIABLE LABELS hhmemwt 'HH members weighting for Index' .

FREQUENCIES

```

```

VARIABLES=fac1_1 /FORMAT=NOTABLE
/NTILES= 5
/STATISTICS=STDDEV MINIMUM MAXIMUM MEAN MEDIAN MODE SKEWNESS
SESKEW
KURTOSIS SEKURT
/ORDER= ANALYSIS .

Recode fac1_1 (lo thru -0.6278531317868=1)
                (-0.6278531317868 thru -0.4902144151282=2)
                (-0.4902144151282 thru -0.05941216645961=
3)
                (-0.05941216645961 thru 1.231474636815=4)
                (1.231474636815 thru hi=5) into wlthind5.
var labels wlthind5 "Wealth Index Quintiles".
value labels wlthind5 1 "Lowest" 2 "Second" 3 "Middle" 4 "Fourth"
5 "Highest".
EXECUTE .

write outfile='c:\hnp2\zambia01\scores.dat' records=1
table /hhid fac1_1 wlthind5.
execute.

MEANS
  TABLES=hv206 hv207 hv208 hv209 hv210 hv211 hv212 hv221 hv225
sh31b
  domestic ownland h2oires h2oyard h2opub h2ongh h2well h2pwell
h2nbwell
  h2pwell h2ppwell h2osprng h2osurf h2orain h2otruck h2obotl
h2ooth flush
  latpit vip latbush latoth dirtfloo woodfloo centfloo tilefloo
prqfloo
  brkfloo othfloo cookelec cookgas cookcoal cookchar cookwood
cookdung cookoth
  by wlthind5
  /CELLS MEAN COUNT STDDEV .

save outfile="c:\hnp2\zambia01\assets.sav".

```