```
DATA LIST FILE='c:\hnp2\safrica98\ASSETS.DAT' RECORDS=1
/
 HHID          1-12   (A)
 HV005        13-20
 HV012        21-22
 HV013        23-24
 HV201        25-26
 HV202        27-28
 HV203        29-29
 HV204        30-32
 HV205        33-34
 HV206        35-35
 HV207        36-36
 HV208        37-37
 HV209        38-38
 HV210        39-39
 HV211        40-40
 HV212        41-41
 HV213        42-43
 HV214        44-45
 HV215        46-47
 HV216        48-49
 HV217        50-50
 HV218        51-52
 HV219        53-53
 HV220        54-55
 HV221        56-56
 HV222        57-58
 SHDIST       59-61
 SHHEALTH     62-62
 SHEANUM      63-66
 SHEATYPE     67-68
 SHELIGAH     69-69
 SHADULT      70-71
 SH21         72-72
 SH22         73-74
 SH23         75-76
 SH24         77-78
 SH27A        79-79
 SH27B        80-80
 SH27C        81-81
 SH27D        82-82
 SH27Z        83-83
 SH29F        84-84
 SH29G        85-85
 SH30A        86-86
 SH30B        87-87
 SH30C        88-88
 SH30D        89-89
 SH30E        90-90
 SH30F        91-91
 SH30X        92-92
```

```
 SH34        93-93
 SH35D       94-94
 SH35E       95-95
 HV024       96-97
 HV025       98-98
 HV026       99-99
 DOMESTIC  100-100
 OWNLAND   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"
/HV202      "Source of non-drinking wate-NA"
/HV203      "Same source of water        -NA"
/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"
/HV212      "Has car"
/HV213      "Main floor material"
/HV214      "Main wall material"
/HV215      "Main roof material           -NA"
/HV216      "Rooms for sleeping"
/HV217      "Relationship structure"
/HV218      "Line number of head of household"
/HV219      "Sex of head of household"
/HV220      "Age of head of household"
/HV221      "Has telephone"
/HV222      "Type of salt used for cooki-NA"
/SHDIST     "District"
/SHHEALTH "Eastern cape - health regions"
/SHEANUM  "EA number"
/SHEATYPE "EA type"
/SHELIGAH "Eligibility for adult health survey"
/SHADULT  "Total adults 15 years and above"
/SH21       "Death in household in the last 12 months"
/SH22       "Number of persons who died in the last 12 months"
/SH23       "Number of persons who died because of violence"
/SH24       "Number of persons who died from an unintentional
injury"
/SH27A      "Water fetched: female adult"
/SH27B      "Water fetched: male adult"
/SH27C      "Water fetched: female child"
/SH27D      "Water fetched: male child"
/SH27Z      "Water fetched: DK"
```

```
/SH29F     "Has personal computer"
/SH29G     "Has washing machine"
/SH30A     "Cooking fuel: electricity"
/SH30B     "Cooking fuel: gas"
/SH30C     "Cooking fuel: paraffin"
/SH30D     "Cooking fuel: wood"
/SH30E     "Cooking fuel: coal"
/SH30F     "Cooking fuel: animal dung"
/SH30X     "Cooking fuel: other"
/SH34      "Afford ability of Household"
/SH35D     "Has donkey/horse"
/SH35E     "Has sheep/cattle"
/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)
/HV202     (99)
/HV203     (9)
/HV204     (999)
/HV205     (99)
/HV206     (9)
/HV207     (9)
/HV208     (9)
/HV209     (9)
/HV210     (9)
/HV211     (9)
/HV212     (9)
/HV213     (99)
/HV214     (99)
/HV215     (99)
/HV216     (99)
/HV219     (9)
/HV220     (99)
/HV221     (9)
/HV222     (99)
/SH21      (9)
/SH22      (99)
/SH23      (99)
/SH24      (99)
/SH27A     (9)
/SH27B     (9)
/SH27C     (9)
/SH27D     (9)
/SH27Z     (9)
/SH29F     (9)
/SH29G     (9)
/SH30A     (9)
/SH30B     (9)
```

```
/SH30C    (9)
/SH30D    (9)
/SH30E    (9)
/SH30F    (9)
/SH30X    (9)
/SH34     (9)
/SH35D    (9)
/SH35E    (9)
/HV026    (9)
.
VALUE LABELS
 HV201
     11 "Piped into residence"
     12 "Piped water in site/yard"
     13 "Public tap"
     21 "Borehole/well"
     31 "Dam/river/stream/spring"
     41 "Rain-water tank"
     51 "Water carrier/tanker"
     61 "Bottled water"
     96 "Other"
/HV202
     10 "PIPED WATER"
     20 "WELL WATER"
     30 "SURFACE WATER"
     41 "Rainwater"
     51 "Tanker truck"
     61 "Bottled water"
     96 "Other"
/HV203
      0 "No"
      1 "Yes"
/HV204
    996 "On premises"
/HV205
     11 "Own flush toilet"
     12 "Shared flush toilet"
     21 "Bucket latrine"
     22 "Pit latrine"
     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
      11 "Earth, sand, dung"
      21 "Bare wood planks"
      31 "Cement"
      32 "Vinyl"
      33 "Carpet"
      34 "Ceramic tiles"
      35 "Parquet/polish wood"
      96 "Other"
/HV214
      21 "Plastic/Cardboard"
      22 "Mud"
      23 "Mud and Cement"
      31 "Corrugated Iron/Zinc"
      32 "Prefab"
      33 "Bare Brick/Cement Block"
      34 "Plaster/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"
/HV222
       0 "No salt available"
       1 "Local salt"
```

```
        2 "Pkgd salt-iodized"
        3 "Pkgd salt-noniodized"
        4 "Salt for animals"
        5 "Loose salt"
       96 "Other"
/SHHEALTH
        1 "Health region A"
        2 "Health region B"
        3 "Health region C"
        4 "Health region D"
        5 "Health region E"
/SHELIGAH
        1 "Eligible"
        2 "Not eligible"
/SH21
        1 "Yes"
        2 "No"
/SH27A
        0 "No"
        1 "Yes"
/SH27B
        0 "No"
        1 "Yes"
/SH27C
        0 "No"
        1 "Yes"
/SH27D
        0 "No"
        1 "Yes"
/SH27Z
        0 "No"
        1 "Yes"
/SH29F
        0 "No"
        1 "Yes"
/SH29G
        0 "No"
        1 "Yes"
/SH30A
        0 "No"
        1 "Yes"
/SH30B
        0 "No"
        1 "Yes"
/SH30C
        0 "No"
        1 "Yes"
/SH30D
        0 "No"
        1 "Yes"
/SH30E
        0 "No"
```

```
     1 "Yes"
/SH30F
     0 "No"
     1 "Yes"
/SH30X
     0 "No"
     1 "Yes"
/SH34
     1 "Often"
     2 "Sometimes"
     3 "Seldom"
     4 "Never"
/SH35D
     0 "No"
     1 "Yes"
/SH35E
     0 "No"
     1 "Yes"
/HV024
     1 "Western  Cape"
     2 "Eastern Cape"
     3 "Northern Cape"
     4 "Free State"
     5 "KwaZulu Natal"
     6 "North West"
     7 "Gauteng"
     8 "Mpumalanga"
     9 "Northern Province"
/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(sh29f)) sh29f=0.
if (missing(sh29g)) sh29g=0.
if (missing(sh35d)) sh35d=0.
if (missing(sh35e)) sh35e=0.

*  {Construct Variables} .

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

VARIABLE LABELS
 MEMSLEEP "Number of members per sleeping room"
.

*  {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 h2owell=0.
if (hv201=21) h2owell=1.
compute h2osurf=0.
if (hv201=31) h2osurf=1.
compute h2orain=0.
if (hv201=41) h2orain=1.
compute h2otruck=0.
if (hv201=51) h2otruck=1.
compute h2obottl=0.
if (hv201=61) h2obottl=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 well"
/H2OSURF  "if uses river, canal or surface water for drinking"
/H2ORAIN  "if rain for drinking water"
/H2OTRUCK "if gets drinking water from tanker truck"
/H2OBOTTL "if uses bottled water"
/H2OOTH   "Other source of drinking water"
.
VALUE LABELS
 H2OIRES
     0 "No piped water in residence"
     1 "Has piped water in residence"
```

```
/H2OOres
     0 "No water piped into yard"
     1 "Uses water that is piped into yard"
/H2OPUB
     0 "Does not use a public faucet"
     1 "Uses a public faucet"
/H2OWELL
     0 "Does not use well"
     1 "Uses a well"
/H2OSURF
     0 "No surface water"
     1 "Surface water for drinking"
/H2ORAIN
     0 "No rain water"
     1 "Uses rain water"
/H2OTRUCK
     0 "No tanker truck"
     1 "Tanker truck for drinking water"
/H2OBOTTL
     0 "No bottled water"
     1 "Has bottled water"
/H2OOTH
     0 "No other type of source"
     1 "Other type of source of drinking water"
.

*  {Toilet facility} .
compute flush =0.
if (hv205=11)  flush=1.
compute sflush =0.
if (hv205=12)   sflush =1.
compute latpit=0.
if (hv205=22) latpit=1.
compute latpail=0.
if (hv205=21)   latpail=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"
/sflush    "if uses a shared flush toilet"
/LATPIT    "if uses a pit latrine"
/LATpail   "if uses a bucket for latrine"
/LATBUSH   "if uses bush,field as latrine"
/LATOTH "if other type of latrine"
.
VALUE LABELS
 Flush  1  "if uses a flush toilet"
/sflush 1  "if uses a shared flush toilet"
/LATPIT 1  "if uses a pit latrine"
```

```
/LATpail 1 "if uses a bucket for latrine"
/LATBUSH 1 "if uses bush,field as latrine"
/LATOTH 1 "if other type of latrine"
.

*   {Flooring} .
compute dirtfloo=0.
if (hv213=11) dirtfloo=1.
compute woodfloo=0.
if (hv213=21) woodfloo=1.
compute tilefloo=0.
if (hv213=34) tilefloo=1.
compute cemtfloo=0.
if (hv213=31) cemtfloo=1.
compute parqfloo=0.
if (hv213=35) parqfloo=1.
compute vinlfloo=0.
if (hv213=32) vinlfloo=1.
compute rugfloo=0.
if (hv213=33) 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 carpeted 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 carpeted principal floor"
/OTHFLOO  1 "if has other type of flooring"
.

*   {Walls} .
compute wastwall =0.
if (hv214=21) wastwall=1.
compute natwall  =0.
if (hv214=22) natwall  =1.
compute mudbwall =0.
```

```
if (hv214=23) mudbwall =1.
compute metlwall =0.
if (hv214=31) metlwall =1.
compute prefwall  =0.
if (hv214=32) prefwall  =1.
compute brckwall =0.
if (hv214=33) brckwall =1.
compute finwall =0.
if (hv214=34) finwall =1.
compute othwall  =0.
if (hv214=96) othwall  =1.

VARIABLE LABELS
 NATWALL  "if has cane, palm, trunks for walls"
/OTHWALL  "if has other material for walls"
/mudBWALL "Walls from mud and cement"
/finWALL "Walls from plaster/finished"
/prefWALL "Walls prefabricated"
/metlWALL "Walls from corrugated iron/zinc"
/wasTWALL  "Walls from plastic/cardboard"
/BRCKWALL "if walls from bare brick, cement blocks"
.
VALUE LABELS
 NATWALL 1 "if has cane, palm, trunks for walls"
/OTHWALL 1 "if has other material for walls"
/mudBWALL 1 "Walls from mud and cement"
/finWALL 1 "Walls from plaster/finished"
/prefWALL 1 "Walls prefabricated"
/metlWALL 1 "Walls from corrugated iron/zinc"
/wasTWALL 1 "Walls from plastic/cardboard"
/BRCKWALL 1 "if walls from bare brick, cement blocks"
.


execute.

FACTOR
  /VARIABLES hv206 hv207 hv208 hv209 hv210 hv211 hv212 hv221
sh29f sh29g
  sh30a sh30b sh30c sh30d sh30e sh30f sh30x sh35d sh35e memsleep
h2oires
  h2oores h2opub h2owell h2osurf h2orain h2otruck h2obottl h2ooth
flush sflush
  latpit latpail latbush latoth dirtfloo woodfloo tilefloo
cemtfloo parqfloo
  vinlfloo rugfloo othfloo wastwall natwall mudbwall metlwall
prefwall
  brckwall finwall othwall  /MISSING MEANSUB /ANALYSIS hv206
hv207 hv208 hv209
  hv210 hv211 hv212 hv221 sh29f sh29g sh30a sh30b sh30c sh30d
sh30e sh30f
  sh30x sh35d sh35e memsleep h2oires h2oores h2opub h2owell
```

```
h2osurf h2orain
  h2otruck h2obottl h2ooth flush sflush latpit latpail latbush
latoth dirtfloo
  woodfloo tilefloo cemtfloo parqfloo vinlfloo rugfloo othfloo
wastwall
  natwall mudbwall metlwall prefwall brckwall finwall othwall
  /PRINT UNIVARIATE INITIAL EXTRACTION FSCORE
  /CRITERIA FACTORS(1) ITERATE(25)
  /EXTRACTION PC
  /ROTATION NOROTATE
  /SAVE REG(ALL)
  /METHOD=CORRELATION .

save outfile="c:\hnp2\safrica98\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\safrica98\scores.dat' records=1 table
/hhid fac1_1 wlthind5.
execute.

MEANS
  TABLES=hv206 hv207 hv208 hv209 hv210 hv211 hv212 hv221 sh29f
sh29g
  sh30a sh30b sh30c sh30d sh30e sh30f sh30x sh35d sh35e memsleep
h2oires
  h2oores h2opub h2owell h2osurf h2orain h2otruck h2obottl h2ooth
flush sflush
  latpit latpail latbush latoth dirtfloo woodfloo tilefloo
cemtfloo parqfloo
  vinlfloo rugfloo othfloo wastwall natwall mudbwall metlwall
prefwall
```

```
   brckwall finwall othwall
BY
 hv025 by wlthind5
  /CELLS MEAN  .

WEIGHT
  OFF.

DESCRIPTIVES
  VARIABLES=hv206 hv207 hv208 hv209 hv210 hv211 hv212 hv221 sh29f
sh29g
  sh30a sh30b sh30c sh30d sh30e sh30f sh30x sh35d sh35e memsleep
h2oires
  h2oores h2opub h2owell h2osurf h2orain h2otruck h2obottl h2ooth
flush sflush
  latpit latpail latbush latoth dirtfloo woodfloo tilefloo
cemtfloo parqfloo
  vinlfloo rugfloo othfloo wastwall natwall mudbwall metlwall
prefwall
  brckwall finwall othwall
/STATISTICS=MEAN STDDEV MIN MAX .

save outfile="c:\hnp2\safrica98\assets.sav".
→
```