```
DATA LIST FILE='c:\hnp2a\cambodia05\ASSETS.DAT' RECORDS=1
/
 QHHID       1-6
 QHWEIGHT    7-14
 QHV012     15-16
 QHV013     17-18
 QH50       19-19
 QH50N      20-21
 QH59       22-22
 QH59N      23-24
 QH65       25-25
 QH65N      26-27
 QH82       28-29
 QH101A     30-31
 QH101B     32-32
 QH101C     33-35
 QH101D     36-36
 QH101E     37-37
 QH102A     38-39
 QH102B     40-40
 QH102C     41-43
 QH102D     44-44
 QH103A     45-46
 QH103B     47-47
 QH103C     48-50
 QH103D     51-51
 QH106      52-52
 QH107      53-60   (A)
 QH108      61-62
 QH109      63-63
 QH110      64-65
 QH111A     66-66
 QH111B     67-67
 QH111C     68-68
 QH111D     69-69
 QH111E     70-70
 QH111F     71-71
 QH111G     72-72
 QH112      73-74
 QH113      75-75
 QH114      76-76
 QH115      77-77
 QH116      78-79
 QH117      80-81
 QH118      82-83
 QH119A     84-84
 QH119B     85-85
 QH119C     86-86
 QH119D     87-87
 QH120      88-89
 QH121A     90-90
 QH121B     91-91
```

```
 QH121C     92-92
 QH121D     93-93
 QH121E     94-94
 QH121F     95-95
 QH122      96-96
 QH123U     97-97
 QH123N     98-103  (1)
 QH124     104-104
 QH125A    105-106
 QH125B    107-108
 QH125C    109-110
 QH125D    111-112
 QH125E    113-114
 QH125F    115-116
 QH126     117-117
 QH127     118-118
 QH137     119-119
 QH123     120-124
 QHREGION  125-126
 QHTYPE    127-127
 DOMESTIC  128-128
 OWNLAND   129-129
.
VARIABLE LABELS
 QHHID    "Cluster+household number"
/QHWEIGHT "Household weight (6 decimals)"
/QHV012   "Number of dejure members"
/QHV013   "Number of defacto members"
/QH50     "Person in household accidentally killed or injured in
last 1"
/QH50N    "Number of persons accidentally killed or injured in
last 12 "
/QH59     "Physically impaired person in household"
/QH59N    "Number of physically impaired persons"
/QH65     "Person in household sick or injured in last 30 days"
/QH65N    "Number of persons sick or injured in last 30 days"
/QH82     "Source of money for transport and treatment in last 30
days"
/QH101A   "Main dry season drinking water source"
/QH101B   "Location of dry season drinking water source"
/QH101C   "Time to dry season drinking water source"
/QH101D   "Person who fetches water during dry season"
/QH101E   "Main source of dry season water same as wet season"
/QH102A   "Main wet season drinking water source"
/QH102B   "Location of wet season drinking water source"
/QH102C   "Time to wet season drinking water source"
/QH102D   "Person who fetches water during wet season"
/QH103A   "Main general use (cooking/washing) water source"
/QH103B   "Location of general use (cooking/washing) water
source"
/QH103C   "Time to general use (cooking/washing) water source"
/QH103D   "Person who fetches general use (cooking/washing)
```

```
water"
/QH106    "Water treated to make it safe to drink"
/QH107    "Method used to treat water"
/QH108    "Type of toilet facility"
/QH109    "Share facilities with other households"
/QH110    "Number of households using toilet facility"
/QH111A   "Electricity"
/QH111B   "Radio"
/QH111C   "Television"
/QH111D   "Mobile telephone"
/QH111E   "Refrigerator"
/QH111F   "Wardrobe"
/QH111G   "Sewing machine/loom"
/QH112    "Type of cooking fuel"
/QH113    "Cooking structrual arrangement"
/QH114    "Cooking location"
/QH115    "Kitchen is a separate room"
/QH116    "Main material of floor"
/QH117    "Main material of roof"
/QH118    "Main material of walls"
/QH119A   "Any windows"
/QH119B   "Windows with glass"
/QH119C   "Windows with screens"
/QH119D   "Windows with curtains or shutters"
/QH120    "Number of bedrooms"
/QH121A   "Bicycle/cyclo"
/QH121B   "Motorcycle/scooter"
/QH121C   "Car/truck/van"
/QH121D   "Boat with motor"
/QH121E   "Boat without motor"
/QH121F   "Oxcart/horsecart"
/QH122    "Own agricultural land"
/QH123U   "Area of agricultural land owned: unit"
/QH123N   "Area of agricultural land owned: number"
/QH124    "Own livestock"
/QH125A   "Number of animals: water buffalo"
/QH125B   "Number of animals: cows/bulls"
/QH125C   "Number of animals: horses"
/QH125D   "Number of animals: goats"
/QH125E   "Number of animals: pigs"
/QH125F   "Number of animals: chickens/ducks"
/QH126    "Have bednet for sleeping"
/QH127    "Number of mosquito nets in household"
/QH137    "Test salt for Iodine"
/QH123    "Area of agricultural land owned in square meter
equivalents"
/QHREGION "Province of residence"
/QHTYPE   "Type of 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
```

```
 QH50     (9)
/QH59     (9)
/QH65     (9)
/QH82     (99)
/QH101A   (99)
/QH101B   (9)
/QH101C   (999)
/QH101D   (9)
/QH101E   (9)
/QH102A   (99)
/QH102B   (9)
/QH102C   (999)
/QH102D   (9)
/QH103A   (99)
/QH103B   (9)
/QH103C   (999)
/QH103D   (9)
/QH106    (9)
/QH108    (99)
/QH109    (9)
/QH110    (99)
/QH111A   (9)
/QH111B   (9)
/QH111C   (9)
/QH111D   (9)
/QH111E   (9)
/QH111F   (9)
/QH111G   (9)
/QH112    (99)
/QH113    (9)
/QH114    (9)
/QH115    (9)
/QH116    (99)
/QH117    (99)
/QH118    (99)
/QH119A   (9)
/QH119B   (9)
/QH119C   (9)
/QH119D   (9)
/QH120    (99)
/QH121A   (9)
/QH121B   (9)
/QH121C   (9)
/QH121D   (9)
/QH121E   (9)
/QH121F   (9)
/QH122    (9)
/QH123N   (10000)
/QH124    (9)
/QH125A   (99)
/QH125B   (99)
/QH125C   (99)
```

```
/QH125D   (99)
/QH125E   (99)
/QH125F   (99)
/QH126    (9)
/QH127    (9)
/QH137    (9)
/QH123    (99999)
.
VALUE LABELS
 QH50
     1 "Yes"
     2 "No"
/QH59
     1 "Yes"
     2 "No"
/QH65
     1 "Yes"
     2 "No"
/QH82
     1 "Wages/pocket money"
     2 "Gift from relative/friend"
     3 "Savings"
     4 "No interest loan"
     5 "Interest loan"
     6 "Sale of assets"
    96 "other"
/QH101A
    11 "Piped into dwelling"
    12 "Piped into yard/plot"
    13 "Public tap/standpipe"
    21 "Tube well/borehole"
    31 "Protected well"
    32 "Unprotected well"
    41 "Protected spring"
    42 "Unprotected spring"
    51 "Rainwater"
    61 "Surface water"
    71 "Tanker truck/water vendor"
    81 "Bottled water"
    96 "other"
/QH101B
     1 "In own dwelling"
     2 "In own yard/plot"
     3 "Elsewhere"
/QH101C
     0 "Water delivered"
   996 "On premises"
   998 "DK"
/QH101D
     1 "Adult woman"
     2 "Adult man"
     3 "Female child under 15 years"
```

```
     4 "Male child under 15 years"
     6 "other"
/QH101E
     1 "Yes"
     2 "No"
/QH102A
    11 "Piped into dwelling"
    12 "Piped into yard/plot"
    13 "Public tap/standpipe"
    21 "Tube well/borehole"
    31 "Protected well"
    32 "Unprotected well"
    41 "Protected spring"
    42 "Unprotected spring"
    51 "Rainwater"
    61 "Surface water"
    71 "Tanker truck/water vendor"
    81 "Bottled water"
    96 "other"
/QH102B
     1 "In own dwelling"
     2 "In own yard/plot"
     3 "Elsewhere"
/QH102C
     0 "Water delivered"
   996 "On premises"
   998 "DK"
/QH102D
     1 "Adult woman"
     2 "Adult man"
     3 "Female child under 15 years"
     4 "Male child under 15 years"
     6 "other"
/QH103A
    11 "Piped into dwelling"
    12 "Piped into yard/plot"
    13 "Public tap/standpipe"
    21 "Tube well/borehole"
    31 "Protected well"
    32 "Unprotected well"
    41 "Protected spring"
    42 "Unprotected spring"
    51 "Rainwater"
    61 "Surface water"
    71 "Tanker truck/water vendor"
    81 "Bottled water"
    96 "other"
/QH103B
     1 "In own dwelling"
     2 "In own yard/plot"
     3 "Elsewhere"
/QH103C
```

```
     0 "Water delivered"
   996 "On premises"
   998 "DK"
/QH103D
     1 "Adult woman"
     2 "Adult man"
     3 "Female child under 15 years"
     4 "Male child under 15 years"
     6 "other"
/QH106
     1 "Yes"
     2 "No"
     8 "DK"
/QH108
    11 "Flush to piped sewer system"
    12 "Flush to septic tank"
    13 "Flush to pit latrine"
    14 "Flush to somewhere else"
    15 "Flush, don't know where"
    21 "Ventilated Improved Pit latrine (VIP)"
    22 "Pit latrine with slab"
    23 "Pit latrine without slab/open pit"
    31 "Composting toilet"
    41 "Bucket toilet"
    51 "Toilet over water"
    61 "No toilet/field/forest"
    96 "other"
/QH109
     1 "Yes"
     2 "No"
/QH110
    95 "10 or more households"
    98 "DK"
/QH111A
     1 "Yes"
     2 "No"
/QH111B
     1 "Yes"
     2 "No"
/QH111C
     1 "Yes"
     2 "No"
/QH111D
     1 "Yes"
     2 "No"
/QH111E
     1 "Yes"
     2 "No"
/QH111F
     1 "Yes"
     2 "No"
/QH111G
```

```
     1 "Yes"
     2 "No"
/QH112
     1 "Electricity"
     2 "LPG, natural gas"
     3 "Biogas"
     4 "Kerosene"
     5 "Coal"
     6 "Charcoal"
     7 "Firewood"
     8 "Straw/shubs/grass"
     9 "Agricultural crop"
    10 "Animal dung"
    96 "Other"
/QH113
     1 "Open fire ember piles/stove without chimney"
     2 "Open fire or stove with chimney"
     3 "Close stove with chimney"
     6 "other"
/QH114
     1 "In the house"
     2 "Under the house"
     3 "In a separate building"
     4 "Outdoors"
     6 "other"
/QH115
     1 "Yes"
     2 "No"
/QH116
    11 "Earth/clay"
    21 "Wood planks"
    22 "Palm/bamboo"
    31 "Parquet/polished wood"
    32 "Vinyl/asphalt strips"
    33 "Ceramic tiles"
    34 "Cement tiles"
    35 "Cement"
    41 "Floating house"
    96 "Other"
/QH117
    11 "No roof"
    12 "Palm/bamboo/thatch"
    21 "Plastic sheet"
    22 "Wood planks"
    31 "Metal"
    32 "Calamine/cement fiber"
    33 "Ceramic tiles"
    34 "Clay tiles"
    35 "Cement"
    96 "Other"
/QH118
    11 "No walls"
```

```
    12 "Palm/bamboo/thatch"
    13 "Dirt"
    21 "Bamboo with mud"
    22 "Straw with mud"
    23 "Stone with mud"
    24 "Uncovered adobe"
    25 "Plywood"
    26 "Carton"
    27 "Reused wood"
    28 "Metal"
    31 "Cement"
    32 "Stone with lime/cement"
    33 "Bricks"
    34 "Cement blocks"
    35 "Wood planks"
    96 "other"
/QH119A
     1 "Yes"
     2 "No"
/QH119B
     1 "Yes"
     2 "No"
/QH119C
     1 "Yes"
     2 "No"
/QH119D
     1 "Yes"
     2 "No"
/QH121A
     1 "Yes"
     2 "No"
/QH121B
     1 "Yes"
     2 "No"
/QH121C
     1 "Yes"
     2 "No"
/QH121D
     1 "Yes"
     2 "No"
/QH121E
     1 "Yes"
     2 "No"
/QH121F
     1 "Yes"
     2 "No"
/QH122
     1 "Yes"
     2 "No"
/QH123U
     1 "Square meters"
     2 "Are"
```

```
     3 "Hectare"
     4 "Rai"
     5 "Cong"
     9 "DK/missing"
/QH124
     1 "Yes"
     2 "No"
/QH125A
    97 "97 or more"
    98 "DK"
/QH125B
    97 "97 or more"
    98 "DK"
/QH125C
    97 "97 or more"
    98 "DK"
/QH125D
    97 "97 or more"
    98 "DK"
/QH125E
    97 "97 or more"
    98 "DK"
/QH125F
    97 "97 or more"
    98 "DK"
/QH126
     1 "Yes"
     2 "No"
/QH127
     7 "7 or more"
/QH137
     1 "Iodine present"
     2 "No iodine"
     3 "No salt in HH"
     6 "Salt not tested"
/QH123
 95000 "95,000 square meters or more"
 99998 "DK"
/QHREGION
     1 "Banteay Mean Chey"
     2 "Battambang"
     3 "Kampong Cham"
     4 "Kampong Chhnang"
     5 "Kampong Speu"
     6 "Kampong Thom"
     7 "Kampot"
     8 "Kandal"
     9 "Kaoh Kong"
    10 "Kratie"
    11 "Mondol Kiri"
    12 "Phnom Penh"
    13 "Preah Vihear"
```

```
    14 "Prey Veng"
    15 "Pursat"
    16 "Rattanak Kiri"
    17 "Siem Reap"
    18 "Krong Preah Sihanouk"
    19 "Steung Treng"
    20 "Svay Rieng"
    21 "Takeo"
    22 "Otdar Mean Chey"
    23 "Krong Kep"
    24 "Krong Pailin"
/QHTYPE
     1 "Urban"
     2 "Rural"
/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 (qhv012=0) qhv012=qhv013.
if (qh120>0) memsleep=trunc(qhv012/qh120).
if (qh120=0) memsleep=qhv012.
if (memsleep>=98) memsleep=98.

VARIABLE LABELS
MEMSLEEP "Number of members per sleeping room".
value labels memsleep 0 'Less than 1 per room'.

*{Dry season Drinking water supply}.
compute h2oires=0.
   if (qh101a=11) h2oires=1.
   var labels h2oires "Piped into dwelling".
compute h2oyrd=0.
   if (qh101a=12) h2oyrd=1.
   var labels h2oyrd "Piped into yard/plot".
compute h2opub=0.
   if (qh101a=13) h2opub=1.
   var labels h2opub "Public tap/standpipe".
compute h2iotube=0.
   if (qh101a=21) h2iotube=1.
   var labels h2iotube "Tube well/borehole".
compute h2opwell=0.
   if (qh101a=31) h2opwell=1.
   var labels h2opwell "Protected well".
compute h2ouwell=0.
   if (qh101a=32) h2ouwell=1.
   var labels h2ouwell "Unprotected well".
```

```
compute h2opspg=0.
   if (qh101a=41) h2opspg=1.
   var labels h2opspg "Protected spring".
compute h2ouspg=0.
   if (qh101a=42) h2ouspg=1.
   var labels h2ouspg "Unprotected spring".
compute h2orain=0.
   if (qh101a=51) h2orain=1.
   var labels h2orain "Rainwater".
compute h2osurf=0.
   if (qh101a=61) h2osurf=1.
   var labels h2osurf "Surface water-river, lake, etc.".
compute h2otruck=0.
   if (qh101a=71) h2otruck=1.
   var labels h2otruck "Tanker truck/water vendor".
compute h2obottl=0.
   if (qh101a=81) h2obottl=1.
   var labels h2obottl "Bottled water".
compute h2ooth=0.
   if (qh101a=96) h2ooth=1.
   var labels h2ooth "Other water source".

*{Dry season Drinking water supply}.
if (qh101e=1) qh102a=qh101a.
compute h3oires=0.
   if (qh102a=11) h3oires=1.
   var labels h3oires "Piped into dwelling".
compute h3oyrd=0.
   if (qh102a=12) h3oyrd=1.
   var labels h3oyrd "Piped into yard/plot".
compute h3opub=0.
   if (qh102a=13) h3opub=1.
   var labels h3opub "Public tap/standpipe".
compute h3iotube=0.
   if (qh102a=21) h3iotube=1.
   var labels h3iotube "Tube well/borehole".
compute h3opwell=0.
   if (qh102a=31) h3opwell=1.
   var labels h3opwell "Protected well".
compute h3ouwell=0.
   if (qh102a=32) h3ouwell=1.
   var labels h3ouwell "Unprotected well".
compute h3opspg=0.
   if (qh102a=41) h3opspg=1.
   var labels h3opspg "Protected spring".
compute h3ouspg=0.
   if (qh102a=42) h3ouspg=1.
   var labels h3ouspg "Unprotected spring".
compute h3orain=0.
   if (qh102a=51) h3orain=1.
   var labels h3orain "Rainwater".
compute h3osurf=0.
```

```
   if (qh102a=61) h3osurf=1.
   var labels h3osurf "Surface water-river, lake, etc.".
compute h3otruck=0.
   if (qh102a=71) h3otruck=1.
   var labels h3otruck "Tanker truck/water vendor".
compute h3obottl=0.
   if (qh102a=81) h3obottl=1.
   var labels h3obottl "Bottled water".
compute h3ooth=0.
   if (qh102a=96) h3ooth=1.
   var labels h3ooth "Other water source".

*{General use (washing/cooking) water supply}.
compute h4oires=0.
   if (qh103a=11) h4oires=1.
   var labels h4oires "Piped into dwelling".
compute h4oyrd=0.
   if (qh103a=12) h4oyrd=1.
   var labels h4oyrd "Piped into yard/plot".
compute h4opub=0.
   if (qh103a=13) h4opub=1.
   var labels h4opub "Public tap/standpipe".
compute h4iotube=0.
   if (qh103a=21) h4iotube=1.
   var labels h4iotube "Tube well/borehole".
compute h4opwell=0.
   if (qh103a=31) h4opwell=1.
   var labels h4opwell "Protected well".
compute h4ouwell=0.
   if (qh103a=32) h4ouwell=1.
   var labels h4ouwell "Unprotected well".
compute h4opspg=0.
   if (qh103a=41) h4opspg=1.
   var labels h4opspg "Protected spring".
compute h4ouspg=0.
   if (qh103a=42) h4ouspg=1.
   var labels h4ouspg "Unprotected spring".
compute h4orain=0.
   if (qh103a=51) h4orain=1.
   var labels h4orain "Rainwater".
compute h4osurf=0.
   if (qh103a=61) h4osurf=1.
   var labels h4osurf "Surface water-river, lake, etc.".
compute h4otruck=0.
   if (qh103a=71) h4otruck=1.
   var labels h4otruck "Tanker truck/water vendor".
compute h4obottl=0.
   if (qh103a=81) h4obottl=1.
   var labels h4obottl "Bottled water".
compute h4ooth=0.
   if (qh103a=96) h4ooth=1.
   var labels h4ooth "Other water source".
```

```
*{Toilet facility}.
compute flush=0.
   if (qh108=11) flush=1.
   var labels flush "Flush toilet to piped sewer system".
compute septic=0.
   if (qh108=12) septic=1.
   var labels septic "Flush toilet to septic tank".
compute flpit=0.
   if (qh108=13) flpit=1.
   var labels flpit "Flush toilet to pit latrine".
compute floth=0.
   if (qh108=14) floth=1.
   var labels floth "Flush toilet to somewhere else".
compute fldk=0.
   if (qh108=15) fldk=1.
   var labels fldk "Flush toilet, pit latrine".
compute latvip=0.
   if (qh108=21) latvip=1.
   var labels latvip "Ventiliated Improved Pit latrine".
compute latpits=0.
   if (qh108=22) latpits=1.
   var labels latpits "'Pit latrine with slab".
compute latpit=0.
   if (qh108=23) latpit=1.
   var labels latpit "Traditional pit latrine without slab".
compute latcmp=0.
   if (qh108=31) latcmp=1.
   var labels latcmp "Composting toilet".
compute latbkt=0.
   if (qh108=41) latbkt=1.
   var labels latbkt "Bucket toilet".
compute latwat=0.
   if (qh108=51) latwat=1.
   var labels latwat "Toilet over water".
compute latbush=0.
   if (qh108=61) latbush=1.
   var labels latbush "No facility/bush/field".
compute latoth=0.
   if (qh108=96) latoth=1.
   var labels latoth "Other type of toilet/latrine".

*{Flooring}.
compute dirtfloo=0.
   if (qh116=11) dirtfloo=1.
   var labels dirtfloo "Clay floor".
compute woodfloo=0.
    if (qh116=21) woodfloo=1.
   var labels woodfloo "Rudimentary wood plank floor".
compute palmfloo=0.
    if (qh116=22) palmfloo=1.
   var labels palmfloo "Palm/bamboo floor".
```

```
compute prqfloo=0.
   if (qh116=31) prqfloo=1.
   var labels prqfloo "Parquet, wood tile floor".
compute vinlfloo=0.
   if (qh116=32) vinlfloo=1.
   var labels vinlfloo "Vinyl/asphalt strips floor".
compute tilefloo=0.
   if (qh116=33) tilefloo=1.
   var labels tilefloo "Ceramic tile floor".
compute ctfloo=0.
   if (qh116=34) ctfloo=1.
   var labels ctfloo "Cement tile floor".
compute cemtfloo=0.
   if (qh116=35) cemtfloo=1.
   var labels cemtfloo "Cement floor".
compute fltfloo=0.
   if (qh116=41) fltfloo=1.
   var labels fltfloo "Floating house".
compute othfloo=0.
   if (qh116=96) othfloo=1.
   var labels othfloo "Other type of flooring".

*{Walls}.
compute wallless=0.
  if (qh118=11) wallless=1.
  var labels wallless "No wall".
compute natwall=0.
  if (qh118=12) natwall=1.
  var labels natwall "Palm/bamboo/thatch wall".
compute dirtwall=0.
  if (qh118=13) dirtwall=1.
  var labels dirtwall "Dirt wall".
compute bbwall=0.
  if (qh118=21) bbwall=1.
  var labels bbwall "Bamboo with mud wall".
compute strwwall=0.
  if (qh118=22) strwwall=1.
  var labels strwwall "Straw with mud wall".
compute stonwall=0.
  if (qh118=23) stonwall=1.
  var labels stonwall "Stone with mud wall".
compute adobwall=0.
  if (qh118=24) adobwall=1.
  var labels adobwall "Uncovered adobe wall".
compute plywall=0.
  if (qh118=25) plywall=1.
  var labels plywall "Plywood wall".
compute cartwall=0.
  if (qh118=26) cartwall=1.
  var labels cartwall "Carton wall".
compute rwwall=0.
  if (qh118=27) rwwall=1.
```

```
  var labels rwwall "Reused wood wall".
compute mtlwall=0.
  if (qh118=28) mtlwall=1.
  var labels mtlwall "Metal wall".
compute cmntwall=0.
  if (qh118=31) cmntwall=1.
  var labels cmntwall "Cement wall".
compute stlmwall=0.
  if (qh118=32) stlmwall=1.
  var labels stlmwall "Stone with lime wall".
compute brkwall=0.
  if (qh118=33) brkwall=1.
  var labels brkwall "Brick wall".
compute cbwall=0.
  if (qh118=34) cbwall=1.
  var labels cbwall "Cement block wall".
compute wpwall=0.
  if (qh118=35) wpwall=1.
  var labels wpwall "Wood plank wall".
compute othwall=0.
  if (qh118=96) othwall=1.
  var labels othwall "Other wall".


*{Roofing}.
compute roofless=0.
  if (qh117=11) roofless=1.
  var labels roofless "No roof".
compute natroof=0.
  if (qh117=12) natroof=1.
  var labels natroof "Palm/bamboo/thatch roof".
compute plasroof=0.
  if (qh117=21) plasroof=1.
  var labels plasroof "Plastic sheet roof".
compute woodroof=0.
  if (qh117=22) woodroof=1.
  var labels woodroof "Wood plank roof".
compute mtlroof=0.
  if (qh117=31) mtlroof=1.
  var labels mtlroof "Metal roof".
compute calroof=0.
  if (qh117=32) calroof=1.
  var labels calroof "Calamine/cement fiber roof".
compute cerroof=0.
  if (qh117=33) cerroof=1.
  var labels cerroof "Ceramic tile roof".
compute tileroof=0.
  if (qh117=34) tileroof=1.
  var labels tileroof "Clay tile roof".
compute cmntroof=0.
  if (qh117=35) cmntroof=1.
  var labels cmntroof "Cement roof".
```

```
compute othroof=0.
  if (qh117=96) othroof=1.
  var labels othroof "Other roof".


*{Cooking Fuel}.
compute cookelec=0.
   if (qh112=1) cookelec=1.
   var labels cookelec "Electricity for cooking".
compute cookgas=0.
   if (qh112=2) cookgas=1.
   var labels cookgas "LPG, natural gas for cooking".
compute cookbio=0.
   if (qh112=3) cookbio=1.
   var labels cookbio "Biogas for cooking".
compute cookkero=0.
   if (qh112=4) cookkero=1.
   var labels cookkero "Kerosene for cooking".
compute cookcoal=0.
   if (qh112=5) cookcoal=1.
   var labels cookcoal "Coal, lignite for cooking".
compute cookchar=0.
   if (qh112=6) cookchar=1.
   var labels cookchar "Charcoal for cooking".
compute cookwood=0.
   if (qh112=7) cookwood=1.
   var labels cookwood "Wood for cooking".
compute cookstrw=0.
   if (qh112=8) cookstrw=1.
   var labels cookstrw "Straw/shrubs/grass for cooking".
compute cookcrop=0.
   if (qh112=9) cookcrop=1.
   var labels cookcrop "Agricultural crop for cooking".
compute cookdung=0.
   if (qh112=10) cookdung=1.
   var labels cookdung "Dung for cooking".
compute cookoth=0.
   if (qh112=96) cookoth=1.
   var labels cookoth "Other fuel for cooking".

* {Type of cooking structure}.
compute openfire=0.
  if (qh113=1) openfire=1.
  var labels openfire "Open fire ember piles/stove wo chimney".
compute openchim=0.
  if (qh113=2) openchim=1.
  var labels openchim "Open fire/stove with chimney".
compute closchim=0.
  if (qh113=3) closchim=1.
  var labels closchim "Closed stove with chimney".
compute othfire=0.
  if (qh113=6) othfire=1.
```

```
  var labels othfire "Other type of cooking appliance".

*{Reset missing values to "does not have"}.
if (missing(qh111a)) qh111a=2.
if (missing(qh111b)) qh111b=2.
if (missing(qh111c)) qh111c=2.
if (missing(qh111d)) qh111d=2.
if (missing(qh111e)) qh111e=2.
if (missing(qh111f)) qh111f=2.
if (missing(qh111g)) qh111g=2.
if (missing(qh119a)) qh119a=2.
if (missing(qh119b)) qh119b=2.
if (missing(qh119c)) qh119c=2.
if (missing(qh119d)) qh119d=2.
if (missing(qh121a)) qh121a=2.
if (missing(qh121b)) qh121b=2.
if (missing(qh121c)) qh121c=2.
if (missing(qh121d)) qh121d=2.
if (missing(qh121e)) qh121e=2.
if (missing(qh121f)) qh121f=2.
if (qh111a=0) qh111a=2.
if (qh111b=0) qh111b=2.
if (qh111c=0) qh111c=2.
if (qh111d=0) qh111d=2.
if (qh111e=0) qh111e=2.
if (qh111f=0) qh111f=2.
if (qh111g=0) qh111g=2.
if (qh119a=0) qh119a=2.
if (qh119b=0) qh119b=2.
if (qh119c=0) qh119c=2.
if (qh119d=0) qh119d=2.
if (qh121a=0) qh121a=2.
if (qh121b=0) qh121b=2.
if (qh121c=0) qh121c=2.
if (qh121d=0) qh121d=2.
if (qh121e=0) qh121e=2.
if (qh121f=0) qh121f=2.

if (qh111a=2) qh111a=0.
if (qh111b=2) qh111b=0.
if (qh111c=2) qh111c=0.
if (qh111d=2) qh111d=0.
if (qh111e=2) qh111e=0.
if (qh111f=2) qh111f=0.
if (qh111g=2) qh111g=0.
if (qh119a=2) qh119a=0.
if (qh119b=2) qh119b=0.
if (qh119c=2) qh119c=0.
if (qh119d=2) qh119d=0.
if (qh121a=2) qh121a=0.
if (qh121b=2) qh121b=0.
if (qh121c=2) qh121c=0.
```

```
if (qh121d=2) qh121d=0.
if (qh121e=2) qh121e=0.
if (qh121f=2) qh121f=0.

if (qh109=2) qh109=0.
if (qh122=2) qh122=0.
if (qh124=2) qh124=0.



if (missing(qh122)) qh122=0.
if (missing(qh124)) qh124=0.
if (missing(qh125a)) qh125a=0.
if (missing(qh125b)) qh125b=0.
if (missing(qh125c)) qh125c=0.
if (missing(qh125d)) qh125d=0.
if (missing(qh125e)) qh125e=0.
if (missing(qh125f)) qh125f=0.
if (qh125a=98) qh125a=99.
if (qh125b=98) qh125b=99.
if (qh125c=98) qh125c=99.
if (qh125d=98) qh125d=99.
if (qh125e=98) qh125e=99.
if (qh125f=98) qh125f=99.

compute agland=0.
if (qh123u=1) agland=qh123n.
if (qh123u=2) agland=100*qh123n.
if (qh123u=3) agland=10000*qh123n.
if (qh123=9) agland=10000.
missing values agland (10000).
if (qh123u=4) agland=1600*qh123n.
if (qh123u=5) agland=1000*qh123n.

*{Solid waste/garbage collection}.

execute.

FREQUENCIES
  VARIABLES=qh101a qh101e qh102a qh103a qh108 qh109 qh110 qh111a
qh111b
  qh111c qh111d qh111e qh111f qh111g qh112 qh113 qh114 qh115
qh116 qh117 qh118
  qh119a qh119b qh119c qh119d qh120 qh121a qh121b qh121c qh121d
qh121e qh121f
  qh122 qh123u qh123n qh124 qh125a qh125b qh125c qh125d qh125e
qh125f domestic
  ownland
  /ORDER=  ANALYSIS .

FREQUENCIES
  VARIABLES=h2oires h2oyrd h2opub h2iotube h2opwell h2ouwell
```

```
h2opspg
  h2ouspg h2orain h2osurf h2otruck h2obottl h2ooth h3oires h3oyrd
h3opub
  h3iotube h3opwell h3ouwell h3opspg h3ouspg h3orain h3osurf
h3otruck
  h3obottl h3ooth h4oires h4oyrd h4opub h4iotube h4opwell
h4ouwell
  h4opspg h4ouspg h4orain h4osurf h4otruck h4obottl h4ooth flush
septic flpit
  floth fldk latvip latpits latpit latcmp latbkt latwat latbush
latoth
  dirtfloo woodfloo palmfloo prqfloo vinlfloo tilefloo ctfloo
cemtfloo fltfloo
  othfloo wallless natwall dirtwall bbwall strwwall stonwall
adobwall plywall
  cartwall rwwall mtlwall cmntwall stlmwall brkwall cbwall wpwall
othwall
  roofless natroof plasroof woodroof mtlroof calroof cerroof
tileroof cmntroof
  othroof cookelec cookgas cookbio cookkero cookcoal cookchar
cookwood
  cookstrw cookcrop cookdung cookoth openfire openchim closchim
othfire
  /ORDER=  ANALYSIS .

* Change time to water supply to 0 if on premises.
*if (hv204=996) hv204=0.


* FACTOR
  /VARIABLES qh109 qh111a qh111b qh111c qh111d qh111e qh111f
qh111g qh119a
  qh119b qh119c qh119d qh121a qh121b qh121c qh121d qh121e qh121f
qh122 qh124
  qh125a qh125b qh125c qh125d qh125e qh125f domestic ownland
memsleep h2oires
  h2oyrd h2opub h2iotube h2opwell h2ouwell h2opspg h2ouspg
h2orain h2osurf
  h2otruck h2obottl h2ooth h3oires h3oyrd h3opub h3iotube
h3opwell h3ouwell
  h3opspg h3ouspg h3orain h3osurf h3otruck h3obottl h3ooth
h4oires h4oyrd
  h4opub h4iotube h4opwell h4ouwell h4opspg h4ouspg h4orain
h4osurf h4otruck
  h4obottl h4ooth flush septic flpit floth fldk latvip latpits
latpit latcmp
  latbkt latwat latbush latoth dirtfloo woodfloo palmfloo prqfloo
vinlfloo
  tilefloo ctfloo cemtfloo fltfloo othfloo wallless natwall
dirtwall bbwall
  strwwall adobwall plywall cartwall rwwall mtlwall cmntwall
stlmwall
```

```
  brkwall cbwall wpwall othwall roofless natroof plasroof
woodroof mtlroof
  calroof cerroof tileroof cmntroof othroof cookelec cookgas
cookbio cookkero
  cookcoal cookchar cookwood cookstrw cookcrop cookdung cookoth
agland
 /MISSING MEANSUB /ANALYSIS qh109 qh111a qh111b qh111c qh111d
qh111e qh111f
  qh111g qh119a qh119b qh119c qh119d qh121a qh121b qh121c qh121d
qh121e qh121f
  qh122 qh124 qh125a qh125b qh125c qh125d qh125e qh125f domestic
ownland
  memsleep h2oires h2oyrd h2opub h2iotube h2opwell h2ouwell
h2opspg h2ouspg
  h2orain h2osurf h2otruck h2obottl h2ooth h3oires h3oyrd h3opub
h3iotube
  h3opwell h3ouwell h3opspg h3ouspg h3orain h3osurf h3otruck
h3obottl h3ooth
  h4oires h4oyrd h4opub h4iotube h4opwell h4ouwell h4opspg
h4ouspg h4orain
  h4osurf h4otruck h4obottl h4ooth flush septic flpit floth fldk
latvip
  latpits latpit latcmp latbkt latwat latbush latoth dirtfloo
woodfloo
  palmfloo prqfloo vinlfloo tilefloo ctfloo cemtfloo fltfloo
othfloo wallless
  natwall dirtwall bbwall strwwall adobwall plywall cartwall
rwwall
  mtlwall cmntwall stlmwall brkwall cbwall wpwall othwall
roofless natroof
  plasroof woodroof mtlroof calroof cerroof tileroof cmntroof
othroof cookelec
  cookgas cookbio cookkero cookcoal cookchar cookwood cookstrw
cookcrop
  cookdung cookoth agland
  /PRINT UNIVARIATE INITIAL EXTRACTION FSCORE
  /CRITERIA FACTORS(1) ITERATE(25)
  /EXTRACTION PC
  /ROTATION NOROTATE
  /SAVE REG(ALL)
  /METHOD=CORRELATION .

FACTOR
  /VARIABLES qh109 qh111a qh111b qh111c qh111d qh111e qh111f
qh111g qh119a
  qh119b qh119c qh119d qh121a qh121b qh121c qh121d qh121e qh121f
domestic ownland memsleep h2oires
  h2oyrd h2opub h2iotube h2opwell h2ouwell h2opspg h2ouspg
h2orain h2osurf
  h2otruck h2obottl h2ooth h3oires h3oyrd h3opub h3iotube
h3opwell h3ouwell
  h3opspg h3ouspg h3orain h3osurf h3otruck h3obottl h3ooth
```

```
h4oires h4oyrd
  h4opub h4iotube h4opwell h4ouwell h4opspg h4ouspg h4orain
h4osurf h4otruck
  h4obottl h4ooth flush septic flpit floth fldk latvip latpits
latpit latcmp
  latbkt latwat latbush latoth dirtfloo woodfloo palmfloo prqfloo
vinlfloo
  tilefloo ctfloo cemtfloo fltfloo othfloo wallless natwall
dirtwall bbwall
  strwwall adobwall plywall cartwall rwwall mtlwall cmntwall
stlmwall
  brkwall cbwall wpwall othwall roofless natroof plasroof
woodroof mtlroof
  calroof cerroof tileroof cmntroof othroof cookelec cookgas
cookbio cookkero
  cookcoal cookchar cookwood cookstrw cookcrop cookdung cookoth
agland
 /MISSING MEANSUB /ANALYSIS qh109 qh111a qh111b qh111c qh111d
qh111e qh111f
  qh111g qh119a qh119b qh119c qh119d qh121a qh121b qh121c qh121d
qh121e qh121f
  domestic ownland
  memsleep h2oires h2oyrd h2opub h2iotube h2opwell h2ouwell
h2opspg h2ouspg
  h2orain h2osurf h2otruck h2obottl h2ooth h3oires h3oyrd h3opub
h3iotube
  h3opwell h3ouwell h3opspg h3ouspg h3orain h3osurf h3otruck
h3obottl h3ooth
  h4oires h4oyrd h4opub h4iotube h4opwell h4ouwell h4opspg
h4ouspg h4orain
  h4osurf h4otruck h4obottl h4ooth flush septic flpit floth fldk
latvip
  latpits latpit latcmp latbkt latwat latbush latoth dirtfloo
woodfloo
  palmfloo prqfloo vinlfloo tilefloo ctfloo cemtfloo fltfloo
othfloo wallless
  natwall dirtwall bbwall strwwall adobwall plywall cartwall
rwwall
  mtlwall cmntwall stlmwall brkwall cbwall wpwall othwall
roofless natroof
  plasroof woodroof mtlroof calroof cerroof tileroof cmntroof
othroof cookelec
  cookgas cookbio cookkero cookcoal cookchar cookwood cookstrw
cookcrop
  cookdung cookoth agland
  /PRINT UNIVARIATE INITIAL EXTRACTION FSCORE
  /CRITERIA FACTORS(1) ITERATE(25)
  /EXTRACTION PC
  /ROTATION NOROTATE
  /SAVE REG(ALL)
  /METHOD=CORRELATION .
```

```
compute hhmemwt=qhv012*qhweight/1000000.
weight by hhmemwt.
VARIABLE LABELS hhmemwt 'HH members weighting for Index' .

RANK
  VARIABLES=fac1_1  (A) /RANK /NTILES (5) /PRINT=YES
  /TIES=MEAN .

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

frequencies variables=nfac1_1.

compute hhwt=qhweight/1000000.
weight by hhwt.
VARIABLE LABELS hhwt 'HH weights' .
MEANS
  TABLES=qh109 qh111a qh111b qh111c qh111d qh111e qh111f
  qh111g qh119a qh119b qh119c qh119d qh121a qh121b qh121c qh121d
qh121e qh121f
  qh122 qh124 qh125a qh125b qh125c qh125d qh125e qh125f domestic
ownland
  memsleep h2oires h2oyrd h2opub h2iotube h2opwell h2ouwell
h2opspg h2ouspg
  h2orain h2osurf h2otruck h2obottl h2ooth h3oires h3oyrd h3opub
h3iotube
  h3opwell h3ouwell h3opspg h3ouspg h3orain h3osurf h3otruck
h3obottl h3ooth
  h4oires h4oyrd h4opub h4iotube h4opwell h4ouwell h4opspg
h4ouspg h4orain
  h4osurf h4otruck h4obottl h4ooth flush septic flpit floth fldk
latvip
  latpits latpit latcmp latbkt latwat latbush latoth dirtfloo
woodfloo
  palmfloo prqfloo vinlfloo tilefloo ctfloo cemtfloo fltfloo
othfloo wallless
  natwall dirtwall bbwall strwwall adobwall plywall cartwall
rwwall
  mtlwall cmntwall stlmwall brkwall cbwall wpwall othwall
roofless natroof
  plasroof woodroof mtlroof calroof cerroof tileroof cmntroof
othroof cookelec
  cookgas cookbio cookkero cookcoal cookchar cookwood cookstrw
cookcrop
  cookdung cookoth agland
BY nfac1_1
```

```
  /CELLS MEAN COUNT STDDEV  .

compute hv271=fac1_1.
compute hv270=nfac1_1.

save outfile="c:\hnp2a\cambodia05\assets.sav".

WEIGHT
  OFF.
FREQUENCIES
  VARIABLES=hv271
  /ORDER=  ANALYSIS .

GRAPH
  /HISTOGRAM(NORMAL)=fac1_1
  /TITLE= 'Distribution of Households by Wealth Scores' 'Cambodia
2005'.
FREQUENCIES
  VARIABLES=fac1_1  /FORMAT=NOTABLE
  /NTILES= 5
  /STATISTICS=STDDEV MINIMUM MAXIMUM SEMEAN MEAN MEDIAN MODE
SKEWNESS SESKEW
  KURTOSIS SEKURT
  /ORDER=  ANALYSIS .


WRITE OUTFILE='c:\hnp2a\cambodia05\scores.dat'
  TABLE
  /qhhid hv270 fac1_1 .
EXECUTE.
```