```
DATA LIST FILE='H:\HNP_POVERTY\non-contract countries\kenya2003
\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
 HV270        64-64
 HV271        65-72
 SHDIST       73-75
 SHDOMVIO     76-77
 SH22A        78-78
 SH24A        79-79
 SH25B        80-80
 SH25A        81-82
 SH27B        83-83
 SH28A        84-84
 SH28B        85-85
 SH28C        86-87
 HML1         88-89
 HML1A        90-90
 HML2         91-92
 HV024        93-94
 HV025        95-95
 HV026        96-96
```

```
  DOMESTIC    97-97
  OWNLAND     98-98

.
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"
/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 - NA"
/HV232     "Items present: Soap/other - NAnsing agent"
/HV233     "Items present: Basin      - NA"
/HV234     "Test salt for Iodine      - NA"
/HV270     "Wealth index"
/HV271     "Wealth index factor score (5 decimals)"
/SHDIST    "District"
/SHDOMVIO  "Line number of woman selected for Domestic Violence
Module"
/SH22A     "How frequent water is available from the source"
/SH24A     "Other households that use toilet"
/SH25B     "Solar power"
/SH25A     "Rooms used for sleeping"
/SH27B     "State of repair of dwelling"
/SH28A     "Household own structure"
/SH28B     "Household own land which structure sits"
/SH28C     "How household dispose of kitchen waste and trash"
/HML1      "Number of mosquito nets"
/HML1A     "Number of mosquito nets with specific information"
/HML2      "Number of children under bednet previous night"
/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)
/HV215    (99)
/HV219    (9)
/HV220    (99)
/HV221    (9)
/HV225    (9)
/HV226    (99)
/HV227    (9)
/HV228    (9)
/SHDOMVIO (99)
/SH22A    (9)
/SH24A    (9)
/SH25B    (9)
/SH27B    (9)
/SH28A    (9)
/SH28B    (9)
/SH28C    (99)
/HML1     (99)
/HML2     (99)
/HV026    (9)
.
VALUE LABELS
 HV201
    10 "PIPED WATER"
    11 "Piped into dwelling"
    12 "Piped into compound/plot"
    13 "Public tap"
    20 "WATER FROM OPEN WELL"
    21 "Open well in compound/plot"
    22 "Open public well"
    30 "COVERED WELL/BOREHOLE"
    31 "Covered well in compound/plot"
    32 "Covered public well"
    40 "SURFACE WATER"
    41 "Spring"
    42 "River, stream"
```

```
    43 "Pond, lake"
    44 "Dam"
    51 "Rainwater"
    71 "Bottled water"
    96 "Other"
/HV204
   996 "On premises"
/HV205
    11 "Flush toilet"
    21 "Traditional pit toilet"
    22 "Ventilated improved 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
    10 "NATURAL"
    11 "Earth, mud, dung, sand"
    20 "RUDIMENTARY"
    21 "Wood planks"
    22 "Palm, bamboo"
    30 "FINISHED"
    31 "Parquet, polished wood"
    32 "Vinyl, asphalt strips"
    33 "Ceramic tiles"
    34 "Cement"
    35 "Carpet"
    96 "Other"
/HV215
    10 "NATURAL"
    11 "Grass, thatch, makuti"
    12 "Tin cans"
    20 "RUDIMENTARY"
```

```
      21 "Corrugated iron (mabati)"
      22 "Asbestos sheets"
      30 "FINISHED"
      31 "Concrete"
      32 "Tiles"
      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"
/HV270
       1 "Poorest"
       2 "Poorer"
       3 "Middle"
       4 "Richer"
       5 "Richest"
/SHDIST
     101 "Nairobi"
     201 "Kiambu"
```

```
202 "Kirinyaga"
203 "Muranga"
204 "Nyandarua"
205 "Nyeri"
206 "Thika"
207 "Maragua"
301 "Kilifi"
302 "Kwale"
303 "Lamu"
304 "Mombasa"
305 "Taita Taveta"
306 "Tana River"
307 "Malindi"
401 "Embu"
402 "Isiolo"
403 "Kitui"
404 "Makueni"
405 "Machakos"
406 "Marsabit"
407 "Mbeere"
408 "Meru Central"
409 "Moyale"
410 "Mwingi"
411 "Meru North"
412 "Tharaka"
413 "Meru South"
501 "Garissa"
502 "Mandera"
503 "Wajir"
601 "Gucha"
602 "Homa Bay"
603 "Central Kisii"
604 "Kisumu"
605 "Kuria"
606 "Migori"
607 "Kisii North"
608 "Rachuonyo"
609 "Siaya"
610 "Suba"
611 "Bondo"
612 "Nyando"
701 "Baringo"
702 "Bomet"
703 "Keiyo"
704 "Kajiado"
705 "Kericho"
706 "Koibatek"
707 "Laikipia"
708 "Marakwet"
709 "Nakuru"
710 "Nandi"
711 "Narok"
```

```
    712 "Samburu"
    713 "Trans Mara"
    714 "Trans Nzoia"
    715 "Turkana"
    716 "Uasin Gishu"
    717 "West Pokot"
    718 "Buret"
    801 "Bungoma"
    802 "Busia"
    803 "Mt. Elgon"
    804 "Kakamega"
    805 "Lugari"
    806 "Teso"
    807 "Vihiga"
    808 "Butere Mumias"
/SH22A
      1 "Usually always available"
      2 "Several hours per day"
      3 "Once or twice a week"
      4 "Infrequent"
/SH24A
      1 "Fewer than 5"
      2 "5-9"
      3 "10 or more"
/SH25B
      0 "No"
      1 "Yes"
/SH25A
     99 "Missing"
/SH27B
      1 "Completely dilapidated, shack"
      2 "Need major repairs"
      3 "Needs no or minor repairs"
      4 "Being repaired"
      5 "Under construction"
/SH28A
      1 "Owns"
      2 "Pays rent, lease"
      3 "No rent, with consent of owner"
      4 "No rent, squating"
/SH28B
      1 "Owns"
      2 "Pays rent, lease"
      3 "No rent with consent of owner"
      4 "No rent, squatting"
/SH28C
      1 "Regular collection by Govt."
      2 "Infrequent collection by govt"
      3 "Pays for private collection"
      4 "Composted"
      5 "Dump, bury, burn in compound"
      6 "Dump in street, empty plot"
```

```
     96 "Other"
/HML1
     98 "Don't know"
/HV024
      1 "Nairobi"
      2 "Central"
      3 "Coast"
      4 "Eastern"
      5 "Nyanza"
      6 "Rift Valley"
      7 "Western"
      8 "North Eastern"
/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"
.

*begin recoding into dichotomized variables.

*WATER SOURCE.

COMPUTE h2oires = 0.
IF (hv201 = 11) h2oires = 1.
VARIABLE LABELS h2oires "if water is piped into residence".
VALUE LABELS h2oires 0 "water not piped into residence"
                1 "water is piped into residence".

COMPUTE h2oyard = 0.
IF (hv201 = 12) h2oyard = 1.
VARIABLE LABELS h2oyard "if water is piped into compound/plot".
VALUE LABELS h2oyard 0 "water is not piped into compound/plot"
                  1 "water is piped into compound/plot".

COMPUTE h2opub = 0.
IF (hv201 = 13) h2opub = 1.
VARIABLE LABELS h2opub "if gets water from a public tap".
VALUE LABELS h2opub 0 "does not get water from a public tap"
                1 "gets water from a public tap".

COMPUTE h2oopvtw = 0.
IF (hv201 = 21) h2oopvtw = 1.
```

```
VARIABLE LABELS h2oopvtw "if gets water from an open well in yard
or in residence".
VALUE LABELS h2oopvtw 0 "does not get water from an open private
well"
                   1 "gets water from an open private well".

COMPUTE h2oopubw = 0.
IF (hv201 = 22) h2oopubw = 1.
VARIABLE LABELS h2oopubw "if gets water from a public open well".
VALUE LABELS h2oopubw 0 "does not get water from a public open
well"
                   1 "gets water from a public open well".

COMPUTE h2oppvtw = 0.
IF (hv201 = 31) h2oppvtw = 1.
VARIABLE LABELS h2oppvtw "if gets water from a protected well in
yard or in residence".
VALUE LABELS h2oppvtw 0 "does not get water from a protected
private well"
                   1 "gets water from a protected private well".

COMPUTE h2oppubw = 0.
IF (hv201 = 32) h2oppubw = 1.
VARIABLE LABELS h2oppubw "if gets water from a protected public
well".
VALUE LABELS h2oppubw 0 "does not get water from a protected
public well"
                   1 "gets water from a protected pub well".

COMPUTE h2spring = 0.
IF (hv201 = 41) h2spring = 1.
VARIABLE LABELS h2spring "if gets water from a spring".
VALUE LABELS h2spring 0 "does not get water from a spring"
                   1 "gets water from a spring".

COMPUTE h2osurf = 0.
IF (hv201 = 42 | hv201 = 43 | hv201 = 44) h2osurf = 1.
VARIABLE LABELS h2osurf "if gets water from river, stream, pond,
lake or dam".
VALUE LABELS h2osurf 0 "does not get water from surface sources"
                 1 "gets water from surface sources".

COMPUTE h2orain = 0.
IF (hv201 = 51) h2orain = 1.
VARIABLE LABELS h2orain "if collects rainwater for drinking".
VALUE LABELS h2orain 0 "does not collect rainwater for drinking"
                 1 "collects rainwater for drinking".

COMPUTE h2obottl = 0.
IF (hv201 = 71) h2obottl = 1.
VARIABLE LABELS h2obottl "if uses bottled drinking water".
VALUE LABELS h2obottl 0 "does not use bottled drinking water"
```

```
                          1 "uses bottled drinking water".


COMPUTE h2oother = 0.
IF (hv201 = 96) h2oother = 1.
VARIABLE LABELS h2oother "if gets water from other source".
VALUE LABELS h2oother 0 "does not get water from other source"
                      1 "gets water from other source".



*TOILET TYPES.

COMPUTE flush = 0.
IF (hv205 = 11 & hv225 = 0) flush = 1.
VARIABLE LABELS flush "if has own flush toilet".
VALUE LABELS flush 0 "does not have own flush toilet"
                    1 "has own flush toilet".


COMPUTE shflush = 0.
IF (hv205 = 11 & hv225 = 1) shflush = 1.
VARIABLE LABELS shflush "if uses shared flush toilet".
VALUE LABELS shflush 0 "does not use shared flush toilet"
                   1 "uses shared flush toilet".


COMPUTE latpit = 0.
IF (hv205 = 21 & hv225 = 0) latpit = 1.
VARIABLE LABELS latpit "if uses own pit latrine".
VALUE LABELS latpit 0 "does not use own pit latrine"
                    1 "uses own pit latrine".


COMPUTE shlatpit = 0.
IF (hv205 = 21 & hv225 = 1) shlatpit = 1.
VARIABLE LABELS shlatpit "if uses a shared pit latrine".
VALUE LABELS shlatpit 0 "does not use a shared pit latrine"
                  1 "uses a shared pit latrine".


COMPUTE latvip = 0.
IF (hv205 = 22 & hv225 = 0) latvip = 1.
VARIABLE LABELS latvip "if uses own vip latrine".
VALUE LABELS latvip 0 "does not use own vip latrine"
                    1 "uses own vip latrine".


COMPUTE shlatvip = 0.
IF (hv205 = 22 & hv225 = 1) shlatvip = 1.
VARIABLE LABELS shlatvip "if uses a shared vip latrine".
VALUE LABELS shlatvip 0 "does not use a shared vip latrine"
                  1 "uses a shared vip latrine".


COMPUTE latbush = 0.
IF (hv205 = 31) latbush = 1.
VARIABLE LABELS latbush "if uses the bush".
VALUE LABELS latbush 0 "does not use the bush"
                   1 "uses the bush".
```

```
COMPUTE latother = 0.
IF (hv205 = 96) latother = 1.
VARIABLE LABELS latother "if uses some other type of facility".
VALUE LABELS latother 0 "does not use some other type of
facility"
                1 "uses some other type of facility (shared, +19
non-shared)".


*AMENITIES.

COMPUTE electric = 0.
IF (hv206 = 1) electric = 1.
VARIABLE LABELS electric "if household has electric".
VALUE LABELS electric 0 "no electric"
                1 "has electric".

COMPUTE radio = 0.
IF (hv207 = 1) radio = 1.
VARIABLE LABELS radio "if household has radio".
VALUE LABELS radio 0 "no radio"
                1 "has radio".

COMPUTE tv = 0.
IF (hv208 = 1) tv = 1.
VARIABLE LABELS tv "if household has tv".
VALUE LABELS tv 0 "no tv"
                1 "has tv".

COMPUTE fridge = 0.
IF (hv209 = 1) fridge = 1.
VARIABLE LABELS fridge "if household has fridge".
VALUE LABELS fridge 0 "no fridge"
                    1 "has fridge".

COMPUTE bicycle = 0.
IF (hv210 = 1) bicycle = 1.
VARIABLE LABELS bicycle "if household has bicycle".
VALUE LABELS bicycle 0 "no bicycle"
                     1 "has bicycle".

COMPUTE motobk = 0.
IF (hv211 = 1) motobk = 1.
VARIABLE LABELS motobk "if household has motorcycle or scooter".
VALUE LABELS motobk 0 "no motorbike/scooter"
                    1 "has motorbike/scooter".

COMPUTE car = 0.
IF (hv212 = 1) car = 1.
VARIABLE LABELS car "if household has car or truck".
VALUE LABELS car 0 "no car/truck"
```

```
                   1 "has car/truck".

COMPUTE phone = 0.
IF (hv221 = 1) phone = 1.
VARIABLE LABELS phone "if household has phone".
VALUE LABELS phone 0 "no phone"
                        1 "has phone".


COMPUTE solar = 0.
IF (sh25b = 1) solar = 1.
VARIABLE LABELS solar "if household uses solar power".
VALUE LABELS solar 0 "no solar power"
                     1 "house gets solar power".


IF (MISSING(sh25a)) sh25a = 0.
EXECUTE.


COMPUTE memsleep = (hv012/sh25a).
VARIABLE LABELS memsleep "number of members per sleeping room".



*HOUSEHOLD, LAND OWNERSHIP.

COMPUTE hhown = 0.
IF (sh28a = 1) hhown = 1.
VARIABLE LABELS hhown "if family owns household structure".
VALUE LABELS hhown 0 "family does not own household structure"
                 1 "family owns household structure".


COMPUTE hhrent = 0.
IF (sh28a = 2) hhrent = 1.
VARIABLE LABELS hhrent "if family rents home formally".
VALUE LABELS hhrent 0 "family does not formally rent home"
                 1 "family formally rents home".


COMPUTE hhconsnt = 0.
IF (sh28a = 3) hhconsnt = 1.
VARIABLE LABELS hhconsnt "if home is rent-free, with owners
consent".
VALUE LABELS hhconsnt 0 "home is not rent-free with owners
consent"
                       1 "home is rent-free with owners consent".


COMPUTE hhsquat = 0.
IF (sh28a = 4) hhsquat = 1.
VARIABLE LABELS hhsquat "if squatting in home".
VALUE LABELS hhsquat 0 "not squatting in home"
                 1 "squatting in home".


COMPUTE lown = 0.
IF (sh28b = 1) lown = 1.
VARIABLE LABELS lown "if family owns household land".
```

```
VALUE LABELS lown 0 "family does not own household land"
                1 "family owns household land".


COMPUTE lrent = 0.
IF (sh28b = 2) lrent = 1.
VARIABLE LABELS lrent "if family rents land formally".
VALUE LABELS lrent 0 "family does not formally rent land"
                1 "family formally rents land".


COMPUTE lconsnt = 0.
IF (sh28b = 3) lconsnt = 1.
VARIABLE LABELS lconsnt "if land is rent-free, with owners
consent".
VALUE LABELS lconsnt 0 "land is not rent-free with owners
consent"
                    1 "land is rent-free with owners consent".


COMPUTE lsquat = 0.
IF (sh28b = 4) lsquat = 1.
VARIABLE LABELS lsquat "if squatting on land".
VALUE LABELS lsquat 0 "not squatting on land"
                1 "squatting on land".



*FLOOR TYPE.

COMPUTE dirtfloo = 0.
IF (hv213 = 11) dirtfloo = 1.
VARIABLE LABELS dirtfloo "if floor is earth/mud/dung/sand".
VALUE LABELS dirtfloo 0 "floor is not earthen"
                1 "floor is earthen".


COMPUTE woodfloo = 0.
IF (hv213 = 21 | hv213 = 22) woodfloo = 1.
VARIABLE LABELS woodfloo "if floor is of wood planks".
VALUE LABELS woodfloo 0 "floor is not of wood planks"
                    1 "floor is of wood planks (+4 palm/bamboo)".


COMPUTE parqfloo = 0.
IF (hv213 = 31) parqfloo = 1.
VARIABLE LABELS parqfloo "if has parquet/polished wood flooring".
VALUE LABELS parqfloo 0 "does not have parquet/polished wood
flooring"
                1 "has parquet/polished wood flooring".


COMPUTE vinfloo = 0.
IF (hv213 = 32) vinfloo = 1.
VARIABLE LABELS vinfloo "if has linoleum flooring".
VALUE LABELS vinfloo 0 "does not have vinyl/asphalt strip
flooring"
                1 "has vinyl/asphalt strip flooring".
```

```
COMPUTE cerafloo = 0.
IF (hv213 = 33) cerafloo = 1.
VARIABLE LABELS cerafloo "if flooring is of ceramic tiles".
VALUE LABELS cerafloo 0 "floor is not of ceramic tiles"
                      1 "floor is of ceramic tiles".


COMPUTE cemtfloo = 0.
IF (hv213 = 34) cemtfloo = 1.
VARIABLE LABELS cemtfloo "if floor is of cement".
VALUE LABELS cemtfloo 0 "floor is not cement"
                      1 "floor is cement".


COMPUTE carpfloo = 0.
IF ( hv213 = 35) carpfloo = 1.
VARIABLE LABELS carpfloo "if has carpeted flooring".
VALUE LABELS carpfloo 0 "does not have carpeted flooring"
                      1 "has carpeted flooring".


COMPUTE othfloo = 0.
IF (hv213 = 96) othfloo = 1.
VARIABLE LABELS othfloo "if floor is of other materials".
VALUE LABELS othfloo 0 "floor is not of other materials"
                     1 "floor is of other materials".




*TYPE OF ROOFING MATERIALS

COMPUTE natroof = 0.
IF (hv215 = 11) natroof = 1.
VARIABLE LABELS natroof "if has grass/thatch/makuti roofing".
VALUE LABELS natroof 0 "no grass/thatch/makuti roofing"
                     1 "has grass/thatch/makuti roofing".


COMPUTE tinroof = 0.
IF (hv215 = 12) tinroof = 1.
VARIABLE LABELS tinroof "if has roof made of tin cans".
VALUE LABELS tinroof 0 "does not have roof made of tin cans"
                     1 "has roof made of tin cans".


COMPUTE ironroof = 0.
IF (hv215 = 21) ironroof = 1.
VARIABLE LABELS ironroof "if roof made of corrugated iron".
VALUE LABELS ironroof 0 "roof not made of corrugated iron"
                      1 "roof made of corrugated iron".


COMPUTE asbsroof = 0.
IF (hv215 = 22) asbsroof = 1.
VARIABLE LABELS asbsroof "if roof made of asbestos sheets".
VALUE LABELS asbsroof 0 "roof not made of asbestos sheets"
                      1 "roof made of asbestos sheets".
```

```
COMPUTE concroof = 0.
IF (hv215 = 31) concroof = 1.
VARIABLE LABELS concroof "if roof is made of concrete".
VALUE LABELS concroof 0 "roof is not made of concrete"
                     1 "roof is made of concrete".


COMPUTE tileroof = 0.
IF (hv215 = 32) tileroof = 1.
VARIABLE LABELS tileroof "if roof is made of tile".
VALUE LABELS tileroof 0 "roof is not made of tile"
                    1 "roof is made of tile".


COMPUTE othroof = 0.
IF (hv215 = 96) othroof = 1.
VARIABLE LABELS othroof "if roof is made of other roofing
materials".
VALUE LABELS othroof 0 "roof is not made of other materials"
                    1 "roof is made of other materials".




*TYPE OF COOKING FUEL.

COMPUTE cookelec = 0.
IF (hv226 = 1) cookelec = 1.
VARIABLE LABELS cookelec "if uses electricity for cooking".
VALUE LABELS cookelec 0 "does not use electricity for cooking"
                     1 "uses electricity for cooking".


COMPUTE cookgas = 0.
IF (hv226 = 2 | hv226 = 3) cookgas = 1.
VARIABLE LABELS cookgas "if uses LPG, natural gas or biogas for
cooking".
VALUE LABELS cookgas 0 "does not use gas for cooking"
                    1 "uses gas for cooking".


COMPUTE cookkero = 0.
IF (hv226 = 4) cookkero = 1.
VARIABLE LABELS cookkero "if uses kerosene for cooking".
VALUE LABELS cookkero 0 "does not use kerosene for cooking"
                    1 "uses kerosene for cooking".


COMPUTE cookcoal = 0.
IF (hv226 = 5 | hv226 = 6) cookcoal = 1.
VARIABLE LABELS cookcoal "if uses charcoal or lignite/coal for
cooking".
VALUE LABELS cookcoal 0 "does not use charcoal or coal for
cooking"
                    1 "uses charcoal or lignite/coal (+6) for
cooking".


COMPUTE cookwood = 0.
```

```
IF (hv226 = 7 | hv226 = 8) cookwood = 1.
VARIABLE LABELS cookwood "if uses wood, straw or dung (+11) for
cooking fuel".
VALUE LABELS cookwood 0 "does not use firewood for cooking"
                      1 "uses firewood for cooking".


COMPUTE cookoth = 0.
IF (hv226 = 96) cookoth = 1.
VARIABLE LABELS cookoth "if uses some other fuel for cooking".
VALUE LABELS cookoth 0 "does not use some other fuel for cooking"
                   1 "uses some other kind of fuel for cooking".



*WASTE MANAGEMENT.

COMPUTE wstgovt = 0.
IF (sh28c = 1) wstgovt = 1.
VARIABLE LABELS wstgovt "if waste is collected regularly by the
government".
VALUE LABELS wstgovt 0 "waste is not collected regularly by the
government"
               1 "waste is collected regularly by the
government".

COMPUTE wstirgvt = 0.
IF (sh28c = 2) wstirgvt = 1.
VARIABLE LABELS wstirgvt "if waste is collected irregularly by
the government".
VALUE LABELS wstirgvt 0 "waste is not collected irregularly by
the government"
                  1 "waste is collected irregularly by the
government".

COMPUTE wstpvtco = 0.
IF (sh28c = 3) wstpvtco = 1.
VARIABLE LABELS wstpvtco "if waste is collected by a private
company".
VALUE LABELS wstpvtco 0 "waste is not collected by a private
company"
                 1 "waste is collected by a private company".

COMPUTE wstcycle = 0.
IF (sh28c = 4) wstcycle = 1.
VARIABLE LABELS wstcycle "if waste is composted".
VALUE LABELS wstcycle 0 "waste is not composted"
                 1 "waste is composted".

COMPUTE wstyard = 0.
IF (sh28c = 5) wstyard = 1.
VARIABLE LABELS wstyard "if waste is dumped/buried/burned in the
compound/yard".
VALUE LABELS wstyard 0 "waste is not dumped/buried/burned in
```

```
compound/yard"
                  1 "waste is dumped/buried/burned in
compound/yard".

COMPUTE wststrt = 0.
IF (sh28c = 6) wststrt = 1.
VARIABLE LABELS wststrt "if waste is dumped in the street or in
an empty plot".
VALUE LABELS wststrt 0 "waste is not dumped in street/empty plot"
                  1 "waste is dumped in street/empty plot".

COMPUTE wstother = 0.
IF (sh28c = 96) wstother = 1.
VARIABLE LABELS wstother "if waste is disposed of in some other
fashion".
VALUE LABELS wstother 0 "waste is not disposed of some other way"
                       1 "waste is disposed of some other way".

EXECUTE.


FACTOR
  /VARIABLES domestic ownland h2oires h2oyard h2opub h2oopvtw
h2oopubw
  h2oppvtw h2oppubw h2spring h2osurf h2orain h2obottl h2oother
flush
  shflush latpit shlatpit latvip shlatvip latbush latother
  electric radio tv fridge bicycle motobk car phone solar hhown
hhrent
  hhconsnt hhsquat lown lrent lconsnt lsquat dirtfloo woodfloo
parqfloo
  vinfloo cerafloo cemtfloo carpfloo othfloo natroof tinroof
ironroof
  asbsroof concroof tileroof othroof cookelec cookgas cookkero
cookcoal
  cookwood cookoth wstgovt wstirgvt wstpvtco wstcycle wstyard
wststrt wstother
  memsleep  /MISSING MEANSUB /ANALYSIS domestic ownland h2oires
h2oyard h2opub
  h2oopvtw h2oopubw h2oppvtw h2oppubw h2spring h2osurf h2orain
h2obottl
  h2oother flush shflush latpit shlatpit latvip shlatvip
  latbush latother electric radio tv fridge bicycle motobk car
phone solar
  hhown hhrent hhconsnt hhsquat lown lrent lconsnt lsquat
dirtfloo woodfloo
  parqfloo vinfloo cerafloo cemtfloo carpfloo othfloo natroof
tinroof ironroof
  asbsroof concroof tileroof othroof cookelec cookgas cookkero
  cookcoal cookwood cookoth wstgovt wstirgvt wstpvtco wstcycle
wstyard wststrt
  wstother memsleep
```

```
  /PRINT UNIVARIATE INITIAL EXTRACTION FSCORE
  /CRITERIA FACTORS(1) ITERATE(25)
  /EXTRACTION PC
  /ROTATION NOROTATE
  /SAVE REG(ALL)
  /METHOD=CORRELATION .

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 .

RECODE
fac1_1
(Lowest thru -0.8651004049572=1)  (-0.8651004049572 thru
-0.7328816670142=2)  (-0.7328816670142 thru
-0.4490363811186=3)  (-0.4490363811186 thru 0.3225038387095 =4)
(0.3225038387095 thru Highest=5)  INTO wlthind5 .
VARIABLE LABELS wlthind5 'Wealth Index Quintiles'.
EXECUTE .

write outfile='H:\HNP_POVERTY\non-contract countries\kenya2003
\scores.dat' records=1 table
/hhid fac1_1 wlthind5.
execute.


MEANS
  TABLES=domestic ownland h2oires h2oyard h2opub h2oopvtw
h2oopubw
  h2oppvtw h2oppubw h2spring h2osurf h2orain h2obottl h2oother
  flush shflush latpit shlatpit latvip shlatvip latbush latother
  electric radio tv fridge bicycle motobk car phone solar hhown
hhrent
  hhconsnt hhsquat lown lrent lconsnt lsquat dirtfloo woodfloo
parqfloo
  vinfloo cerafloo cemtfloo carpfloo othfloo natroof tinroof
ironroof
  asbsroof concroof tileroof othroof cookelec cookgas cookkero
cookcoal
  cookwood cookoth wstgovt wstirgvt wstpvtco wstcycle wstyard
wststrt wstother
  memsleep  BY wlthind5
  /CELLS MEAN  .

freq wlthind5.
```

```
weight off.
freq wlthind5.

COMPUTE wt = v005/1000000.
WEIGHT by wt.
EXECUTE.
freq wlthind5.
```