DATA LIST FILE='c:\hnp2a\india05\new data\IABASSET.DAT' RECORDS=1 /
QHSTATE 1-2
QHPSU 3-5
QHNUMBER 6-9
QHLOCAL 10-10
QHELIGM 11-11
QHHIV 12-12
QHINTD 13-14
QHINTM 15-16
QHINTY 17-20
QHINTNUM 21-23
QHRESULT 24-24
QHVISITS 25-25
QHMEMBER 26-27
QHWOMEN 28-29
QHMEN 30-31
QHDV 32-33
QHRESP 34-35
QHSUPERV 36-38
QHFEDIT 39-41
QHOEDIT 42-43
QHKEYER 44-45
QHINTC 46-49
QHWEIGHT 50-57
QMWEIGHT 58-65
QHUAUSEL 66-73
QHSTRATA 74-77
QHWLTHF 78-85
QHWLTHI 86-86
QHCITY 87-87
QHALT 88-91
QHANGAYN 92-92
QHANGAYR 93-96
QHSLUMC 97-97
QHSLUMS 98-98
QPHASE 99-99
IHWEIGHT 100-107
IMWEIGHT 108-115
QHHID 116-124
QHV012 125-126
QHV013 127-128
QH30 129-129
QH31A$1 130-131
QH31B$1 132-132
QH31A$2 133-134
QH31B$2 135-135
QH31A$3 136-137
QH31B$3 138-138
QH31A$4 139-140
QH31B$4 141-141
QH32 142-143
VARIABLE LABELS
  QHSTATE  "State of residence"
  /QHPSU    "PSU number"
  /QHNUMBER "Household number"
  /QHLOCAL  "City\Town\Countryside"
  /QHELIGM  "Eligibility for male interview"
  /QHHIV    "Eligibility for HIV testing"
  /QHINTD   "Day of household interview"
  /QHINTM   "Month of household interview"
  /QHINTY   "Year of household interview"
  /QHINTNUM "Interviewer number"
  /QHRESULT "Result of household interview"
  /QHVISITS "Number of household visits"
  /QHMEMBER "Total members in household"
  /QHWOMEN  "Eligible women in household"
  /QHMEN    "Eligible men in household"
  /QHDV     "Female selected for HH relations section [DV]"
  /QHRESP   "Line of household respondent"
  /QHSUPERV "Supervisor number"
  /QHFEDIT  "Field editor number"
  /QHOEDIT  "Office editor number"
  /QHKEYER  "Data entry clerk"
Horses/donkeys/mules
Goats
Sheep
Chickens
"HH member have bank acct or post office acct"
"HH member covered by a health scheme or health insurance"
"Type of health scheme or health insurance"
"Household has a BPL card"
"Have mosquito nets used for sleeping"
"Test salt for Iodine"
"If HH has a domestic worker not related to head"
"If household works own or family's agric. land"

MISSING VALUE
QHALT (9999)
QHANGAYN (9)
QHANGAYR (9999)
QH30 (9)
QH31A$1 (99)
QH31B$1 (9)
QH31A$2 (99)
QH31B$2 (9)
QH31A$3 (99)
QH31B$3 (9)
QH31A$4 (99)
QH31B$4 (9)
QH32 (99)
QH33 (99)
QH34 (9)
QH35 (999)
QH36 (9)
QH37 (9)
QH39 (99)
QH40 (9)
QH41 (99)
QH42 (99)
QH44 (99)
QH45 (9)
QH46 (9)
QH47A (9)
QH47B (9)
QH47C (9)
QH47D (9)
QH47E (9)
QH47F (9)
QH47G (9)
QH47H (9)
QH47I (9)
QH47J (9)
QH47K (9)
QH47L (9)
VALUE LABELS

QHSTATE
1 "[JM] Jammu and Kashmir"
2 "[HP] Himachal Pradesh"
3 "[PJ] Punjab"
5 "[UC] Uttaranchal"
6 "[HR] Haryana"
7 "[DL] Delhi"
8 "[RJ] Rajasthan"
9 "[UP] Uttar Pradesh"
10 "[BH] Bihar"
11 "[SK] Sikkim"
12 "[AR] Arunachal Pradesh"
13 "[NA] Nagaland"
14 "[MN] Manipur"
15 "[MZ] Mizoram"
16 "[TR] Tripura"
17 "[MG] Meghalaya"
18 "[AS] Assam"
19 "[WB] West Bengal"
20 "[JH] Jharkhand"
21 "[OR] Orissa"
22 "[CH] Chhattisgarh"
23 "[MP] Madhya Pradesh"
24 "[GJ] Gujarat"
27 "[MH] Maharashtra"
28 "[AP] Andhra Pradesh"
29 "[KA] Karnataka"
30 "[GO] Goa"
32 "[KE] Kerala"
33 "[TN] Tamil Nadu"

/QHLOCAL
1 "Mega city"
2 "Large city"
3 "Small city"
4 "Large town"
5 "Small town"
6 "Rural"

/QHELIGM
1 "Yes"
2 "No"

/QHHIV
1 "Yes"
2 "No"

/QHRESULT
1 "Completed"
2 "HH present, no resp"
3 "HH absent"
4 "Postponed"
5 "Refused"
6 "Dwelling vacant"
7 "Dwelling destroyed"
8 "Dwelling not found"
9 "Other"
/QHWLTHI
1 "Poorest"
2 "Poorer"
3 "Middle"
4 "Richer"
5 "Richest"
/QHCITY
1 "Delhi City"
2 "Meerut"
3 "Kolkata"
4 "Indore"
5 "Mumbai"
6 "Nagpur"
7 "Hyderabad"
8 "Chennai"
/QHALT
9995 "Less than 1,000 meters"
/QHANGAYN
1 "Yes, covered"
2 "No, not covered"
/QHANGAYR
9998 "DK"
/QHSLUMC
1 "Slum"
2 "Non-slum"
/QHSLUMS
1 "Slum"
2 "Non-slum"
9 "Missing"
/QHPHASE
1 "First phase (Dec/2005 - April/2006)"
2 "Second phase (April/2006 - Aug/2006)"
/QH30
1 "Yes"
2 "No"
/QH31A$1
95 "Not applicable"
/QH31B$1
1 "Yes"
2 "No"
/QH31A$2
95 "Not applicable"
/QH31B$2
1 "Yes"
2 "No"
/QH31A$3
95 "Not applicable"
/QH31B$3
1 "Yes"
2 "No"
8 "Don't know"

/QH39
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 "Pit latrine - ventilated improved pit (VIP)"
22 "Pit latrine - with slab"
23 "Pit latrine - without slab/open pit"
31 "Twin pit/composting toilet"
41 "Dry toilet"
51 "No facility/uses bush/field"
96 "Other"

/QH40
1 "Yes"
2 "No"

/QH41
95 "10 or more households"
98 "Don't know"

/QH42
11 "Govt./Municipal hospital"
12 "Govt. dispensary"
13 "UHC/UHP/UFWC"
14 "CHC/Rural Hospital/PHC"
15 "Sub-centre"
16 "Anganwadi/ICDS Centre"
17 "Govt. mobile clinic"
18 "Other public health facility"
21 "NGO or trust hospital/clinic"
31 "Private hospital"
32 "Private doctor/clinic"
33 "Private paramedic"
34 "Vaidya/Hakim/Homeopath"
35 "traditional healer"
36 "Pharmacy/drugstore"
37 "DAI (TBA)"
38 "Other private health facility"
41 "Other [shop]"
42 "Other [home treatment]"
96 "Other"

/QH44
1 "Hindu"
2 "Muslim"
3 "Christian"
4 "Sikh"
5 "Buddhist/neo-buddhist"
6 "Jain"
7 "Jewish"
8 "Parsi/Zoroastrian"
9 "No religion"
96  "Other"
/QH45
  1 "Caste"
  2 "Tribe"
  3 "No caste/tribe"
  8 "DK"
/QH46
  1 "Scheduled caste"
  2 "Scheduled tribe"
  3 "Other backward class"
  4 "None of above"
  8 "DK"
/QH47A
  1 "Yes"
  2 "No"
/QH47B
  1 "Yes"
  2 "No"
/QH47C
  1 "Yes"
  2 "No"
/QH47D
  1 "Yes"
  2 "No"
/QH47E
  1 "Yes"
  2 "No"
/QH47F
  1 "Yes"
  2 "No"
/QH47G
  1 "Yes"
  2 "No"
/QH47H
  1 "Yes"
  2 "No"
/QH47I
  1 "Yes"
  2 "No"
/QH47J
  1 "Yes"
  2 "No"
/QH47K
  1 "Yes"
  2 "No"
/QH47L
  1 "Yes"
  2 "No"
/QH47M
  1 "Yes"
  2 "No"
/QH47N
1  "Yes"
2  "No"

/QH47O
1  "Yes"
2  "No"

/QH47P
1  "Yes"
2  "No"

/QH47Q
1  "Yes"
2  "No"

/QH47R
1  "Yes"
2  "No"

/QH47S
1  "Yes"
2  "No"

/QH47T
1  "Yes"
2  "No"

/QH47U
1  "Yes"
2  "No"

/QH47V
1  "Yes"
2  "No"

/QH47W
1  "Yes"
2  "No"

/QH48
1  "Electricity"
2  "LPG/natural gas"
3  "Biogas"
4  "Kerosene"
5  "Coal, lignite"
6  "Charcoal"
7  "Wood"
8  "Straw/shrubs/grass"
9  "Agricultural crop waste"
10 "Dung cakes"
96 "Other"

/QH49
1  "Stove"
2  "Chullah"
3  "Open fire"
6  "Other"

/QH50
1  "Yes"
2  "No"

/QH51
1  "In the house"
2  "In a separate building"
3 "Outdoors"
6 "Other"

/QH52
1 "Yes"
2 "No"

/QH53
11 "Mud/clay/earth"
12 "Sand"
13 "Dung"
21 "Raw wood planks"
22 "Palm, bamboo"
23 "Brick"
24 "Stone"
31 "Parquet, polished wood"
32 "Vinyl, asphalt strips"
33 "Ceramic tiles"
34 "Cement"
35 "Carpet"
36 "Polished stone/marble/granite"
96 "Other"

/QH54
11 "No roof"
12 "Thatch/palm leaf"
13 "Mud"
14 "Sod/mud and grass mixture"
15 "Plastic/polythene sheeting"
21 "Rustic mat"
22 "Palm/bamboo"
23 "Raw wood planks/timber"
24 "Unburnt bricks"
25 "Loosely packed stone"
31 "Metal/GI"
32 "Wood"
33 "Calamine/cement fiber"
34 "Asbestos sheets"
35 "RCC/RBC/cement/concrete"
36 "Roofing shingles"
37 "Tiles"
38 "Slate"
39 "Burnt brick"
96 "Other"

/QH55
11 "No walls"
12 "Cane/palm/trunks"
13 "Mud"
14 "Grass/reeds/thatch"
21 "Bamboo with mud"
22 "Stone with mud"
23 "Plywood"
24 "Cardboard"
25 "Unburnt brick"
26 "Raw/reused wood"
30 "Cement/concrete"
31 "Stone with lime/cement"
32 "Burnt bricks"
33 "Cement blocks"
34 "Wood planks/shingles"
35 "GI/metal/asbestos sheets"
36 "Other"

/QH56A
1 "Yes"
2 "No"

/QH56B
1 "Yes"
2 "No"

/QH56C
1 "Yes"
2 "No"

/QH56D
1 "Yes"
2 "No"

/QH58
1 "This house only"
2 "Other house(s) only"
3 "Both this and other house(s)"
4 "Neither"

/QH58A
1 "Yes"
2 "No"
8 "DK"

/QH58B
1 "Rent"
2 "Part of employment agreement"
3 "Other arrangement"

/QH58C
1 "Yes"
2 "No"
8 "DK"

/QH58D
1 "Yes"
2 "No"
8 "DK"

/QH58EA
1 "Yes"
2 "No"

/QH58EB
1 "Yes"
2 "No"

/QH58EC
1 "Yes"
2 "No"

/QH58ED
1 "Yes"
2 "No"
<table>
<thead>
<tr>
<th>PM</th>
<th>Value</th>
</tr>
</thead>
</table>
| QH58EE | 1 "Yes"
| QH58EE | 2 "No"
| QH58EF | 1 "Yes"
| QH58EF | 2 "No"
| QH58EG | 1 "Yes"
| QH58EG | 2 "No"
| QH58EH | 1 "Yes"
| QH58EH | 2 "No"
| QH58EI | 1 "Yes"
| QH58EI | 2 "No"
| QH59  | 1 "Yes"
| QH59  | 2 "No"
| QH60  | 999.8 "Unknown"
| QH61  | 999.5 "None"
| QH61  | 999.8 "Unknown"
| QH62A | 1 "Yes"
| QH62A | 2 "No"
| QH62B | 1 "Yes"
| QH62B | 2 "No"
| QH62C | 1 "Yes"
| QH62C | 2 "No"
| QH62D | 1 "Yes"
| QH62D | 2 "No"
| QH62E | 1 "Yes"
| QH62E | 2 "No"
| QH62F | 1 "Yes"
| QH62F | 2 "No"
| QH63  | 1 "Yes"
| QH63  | 2 "No"
| QH63  | 8 "DK"
| QH64  | 1 "Yes"
| QH64  | 2 "No"
| QH64  | 8 "DK"
| QH66  | 1 "Yes"
| QH66  | 2 "No"
8 "Don't know"
/QH67
  1 "Yes"
  2 "No"
/QH68
  1 "0 PPM (no iodine)"
  2 "Less than 15 ppm"
  3 "More than 15 ppm"
  4 "No salt in household"
  6 "Salt not tested"
/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 (qh012=0) qh012=qh013.
if (qh57>0) memsleep=trunc(qh012/qh57).
if (qh57=0) memsleep=qh012.
if (memsleep>=98) memsleep=98.

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

*{Drinking water supply}.*
compute h2oires=0.
  if (qh32=11) h2oires=1.
  var labels h2oires "Piped into dwelling".
compute h2oyrd=0.
  if (qh32=12) h2oyrd=1.
  var labels h2oyrd "Piped into yard/plot".
compute h2opub=0.
  if (qh32=13) h2opub=1.
  var labels h2opub "Public tap/standpipe".
compute h2iotube=0.
  if (qh32=21) h2iotube=1.
  var labels h2iotube "Tube well/borehole".
compute h2opwell=0.
  if (qh32=31) h2opwell=1.
  var labels h2opwell "Protected well".
compute h2ouwell=0.
  if (qh32=32) h2ouwell=1.
  var labels h2ouwell "Unprotected well".
compute h2opspg=0.
  if (qh32=41) h2opspg=1.
  var labels h2opspg "Protected spring".
compute h2ouspg=0.
  if (qh32=42) h2ouspg=1.
var labels h2ouspg "Unprotected spring".
compute h2orain=0.
  if (qh32=51) h2orain=1.
  var labels h2orain "Rainwater".
compute h2otruck=0.
  if (qh32=61) h2otruck=1.
  var labels h2otruck "Tanker truck".
compute h2ocart=0.
  if (qh32=71) h2ocart=1.
  var labels h2ocart "Cart with small tank".
compute h2osurf=0.
  if (qh32=81) h2osurf=1.
  var labels h2osurf "Surface water-river, lake, etc.".
compute h2obottl=0.
  if (qh32=91) h2obottl=1.
  var labels h2obottl "Bottled water".
compute h2ooth=0.
  if (qh32=96) h2ooth=1.
  var labels h2ooth "Other water source".

*{Non-Drinking water supply}.
if (qh33=1) qh33=qh32.
compute h3oires=0.
  if (qh33=11) h3oires=1.
  var labels h3oires "Piped into dwelling".
compute h3oyrd=0.
  if (qh33=12) h3oyrd=1.
  var labels h3oyrd "Piped into yard/plot".
compute h3opub=0.
  if (qh33=13) h3opub=1.
  var labels h3opub "Public tap/standpipe".
compute h3iotube=0.
  if (qh33=21) h3iotube=1.
  var labels h3iotube "Tube well/borehole".
compute h3opwell=0.
  if (qh33=31) h3opwell=1.
  var labels h3opwell "Protected well".
compute h3ouwell=0.
  if (qh33=32) h3ouwell=1.
  var labels h3ouwell "Unprotected well".
compute h3opspg=0.
  if (qh33=41) h3opspg=1.
  var labels h3opspg "Protected spring".
compute h3ouspg=0.
  if (qh33=42) h3ouspg=1.
  var labels h3ouspg "Unprotected spring".
compute h3orain=0.
  if (qh33=51) h3orain=1.
  var labels h3orain "Rainwater".
compute h3otruck=0.
  if (qh33=61) h3otruck=1.
  var labels h3otruck "Tanker truck".
compute h3ocart=0.
   if (qh33=71) h3ocart=1.
   var labels h3ocart "Cart with small tank".
compute h3osurf=0.
   if (qh33=81) h3osurf=1.
   var labels h3osurf "Surface water-river, lake, etc.".
compute h3ooth=0.
   if (qh33=96) h3ooth=1.
   var labels h3ooth "Other water source".

*{Toilet facility}.
compute flush=0.
   if (qh39=11) flush=1.
   var labels flush "Flush toilet to piped sewer system".
compute septic=0.
   if (qh39=12) septic=1.
   var labels septic "Flush toilet to septic tank".
compute flpit=0.
   if (qh39=13) flpit=1.
   var labels flpit "Flush toilet to pit latrine".
compute floth=0.
   if (qh39=14) floth=1.
   var labels floth "Flush toilet to somewhere else".
compute fldk=0.
   if (qh39=15) fldk=1.
   var labels fldk "Flush toilet, pit latrine".
compute latvip=0.
   if (qh39=21) latvip=1.
   var labels latvip "Ventilated Improved Pit latrine".
compute latpits=0.
   if (qh39=22) latpits=1.
   var labels latpits "'Pit latrine with slab".
compute latpit=0.
   if (qh39=23) latpit=1.
   var labels latpit "Traditional pit latrine without slab".
compute latcmp=0.
   if (qh39=31) latcmp=1.
   var labels latcmp "Twin pit/Composting toilet".
compute latdry=0.
   if (qh39=41) latdry=1.
   var labels latdry "Dry toilet".
compute latbush=0.
   if (qh39=51) latbush=1.
   var labels latbush "No facility/bush/field".
compute latoth=0.
   if (qh39=96) latoth=1.
   var labels latoth "Other type of toilet/latrine".

*{Flooring}.
compute dirtfloo=0.
   if (qh53=11) dirtfloo=1.
   var labels dirtfloo "Mud/Clay/Earth floor".
compute sandfloo=0.
  if (qh53=12) sandfloo=1.
  var labels sandfloo "Sand floor".
compute dungfloo=0.
  if (qh53=13) dungfloo=1.
  var labels dungfloo "Dung floor".

compute woodfloo=0.
  if (qh53=21) woodfloo=1.
  var labels woodfloo "Rudimentary wood plank floor".
compute palmfloo=0.
  if (qh53=22) palmfloo=1.
  var labels palmfloo "Palm/bamboo floor".
compute brckfloo=0.
  if (qh53=23) brckfloo=1.
  var labels brckfloo "Brick floor".
compute stonfloo=0.
  if (qh53=24) stonfloo=1.
  var labels stonfloo "Stone floor".

compute prqfloo=0.
  if (qh53=31) prqfloo=1.
  var labels prqfloo "Parquet, wood tile floor".
compute vinlfloo=0.
  if (qh53=32) vinlfloo=1.
  var labels vinlfloo "Vinyl/asphalt strips floor".
compute tilefloo=0.
  if (qh53=33) tilefloo=1.
  var labels tilefloo "Ceramic tile floor".
compute cemtfloo=0.
  if (qh53=34) cemtfloo=1.
  var labels cemtfloo "Cement floor".
compute cptfloo=0.
  if (qh53=35) cptfloo=1.
  var labels cptfloo "Carpeted floor".
compute psfloo=0.
  if (qh53=36) psfloo=1.
  var labels psfloo "Polished stone/marble/granite floor".
compute othfloo=0.
  if (qh53=96) othfloo=1.
  var labels othfloo "Other type of flooring".

*(Walls).*
compute wallless=0.
  if (qh55=11) wallless=1.
  var labels wallless "No wall".
compute natwall=0.
  if (qh55=12) natwall=1.
  var labels natwall "Palm/bamboo/trunks wall".
compute dirtwall=0.
  if (qh55=13) dirtwall=1.
var labels dirtwall "Mud wall".
compute thatwall=0.
   if (qh55=14) thatwall=1.
   var labels thatwall "Grass/reeds/thatch wall".
compute bbwall=0.
   if (qh55=21) bbwall=1.
   var labels bbwall "Bamboo with mud wall".
compute stonwall=0.
   if (qh55=22) stonwall=1.
   var labels stonwall "Stone with mud wall".
compute adobwall=0.
   if (qh55=25) adobwall=1.
   var labels adobwall "Uncovered adobe wall".
compute plywall=0.
   if (qh55=23) plywall=1.
   var labels plywall "Plywood wall".
compute cartwall=0.
   if (qh55=24) cartwall=1.
   var labels cartwall "Carton wall".
compute rwwall=0.
   if (qh55=26) rwwall=1.
   var labels rwwall "Reused wood wall".
compute cmntwall=0.
   if (qh55=31) cmntwall=1.
   var labels cmntwall "Cement wall".
compute stlmwall=0.
   if (qh55=32) stlmwall=1.
   var labels stlmwall "Stone with lime wall".
compute brkwall=0.
   if (qh55=33) brkwall=1.
   var labels brkwall "Brick wall".
compute cbwall=0.
   if (qh55=34) cbwall=1.
   var labels cbwall "Cement block wall".
compute wpwall=0.
   if (qh55=35) wpwall=1.
   var labels wpwall "Wood plank / shingles wall".
compute mtlwall=0.
   if (qh55=36) mtlwall=1.
   var labels mtlwall "GI/Metal/Asbestos sheets wall".
compute othwall=0.
   if (qh55=96) othwall=1.
   var labels othwall "Other wall".

*{Roofing}.
compute roofless=0.
   if (qh54=11) roofless=1.
   var labels roofless "No roof".
compute natroof=0.

21
if (qh54=12) natroof=1.
var labels natroof "Palm leaves/thatch roof".
compute mudroof=0.
if (qh54=13) mudroof=1.
var labels mudroof "Mud roof".
compute sodroof=0.
if (qh54=14) sodroof=1.
var labels sodroof "Sod/mud with grass mixture roof".
compute plasroof=0.
if (qh54=15) plasroof=1.
var labels plasroof "Plastic sheet roof".
compute matroof=0.
if (qh54=21) matroof=1.
var labels matroof "Rustic mat roof".
compute bbroof=0.
if (qh54=22) bbroof=1.
var labels bbroof "Palm/bamboo roof".
compute adobroof=0.
if (qh54=24) adobroof=1.
var labels adobroof "Unburnt bricks roof".
compute woodroof=0.
if (qh54=23) woodroof=1.
var labels woodroof "Wood plank roof".
compute stonroof=0.
if (qh54=25) stonroof=1.
var labels stonroof "Loosely packed stones roof".
compute mtlroof=0.
if (qh54=31) mtlroof=1.
var labels mtlroof "Metal/GI roof".
compute wd2roof=0.
if (qh54=32) wd2roof=1.
var labels wd2roof "Non-rustic wood roof".
compute calroof=0.
if (qh54=33) calroof=1.
var labels calroof "Calamine/cement fiber roof".
compute asbroof=0.
if (qh54=34) asbroof=1.
var labels asbroof "Asbestos sheets roof".
compute cmntroof=0.
if (qh54=35) cmntroof=1.
var labels cmntroof "RCC/RBC/Cement roof".
compute shngroof=0.
if (qh54=36) shngroof=1.
var labels shngroof "Roofing shingles roof".
compute tileroof=0.
if (qh54=37) tileroof=1.
var labels tileroof "Tile roof".
compute sltroof=0.
if (qh54=38) sltroof=1.
var labels sltroof "Slate roof".
compute brkroof=0.
if (qh54=39) brkroof=1.
var labels brkroof "Brick roof".
compute othroof=0.
if (qh54=96) othroof=1.
var labels othroof "Other roof".

*
(Cooking Fuel).
compute cookelec=0.
  if (qh48=1) cookelec=1.
  var labels cookelec "Electricity for cooking".
compute cookgas=0.
  if (qh48=2) cookgas=1.
  var labels cookgas "LPG, natural gas for cooking".
compute cookbio=0.
  if (qh48=3) cookbio=1.
  var labels cookbio "Biogas for cooking".
compute cookkero=0.
  if (qh48=4) cookkero=1.
  var labels cookkero "Kerosene for cooking".
compute cookcoal=0.
  if (qh48=5) cookcoal=1.
  var labels cookcoal "Coal, lignite for cooking".
compute cookchar=0.
  if (qh48=6) cookchar=1.
  var labels cookchar "Charcoal for cooking".
compute cookwood=0.
  if (qh48=7) cookwood=1.
  var labels cookwood "Wood for cooking".
compute cookstrw=0.
  if (qh48=8) cookstrw=1.
  var labels cookstrw "Straw/shrubs/grass for cooking".
compute cookcrop=0.
  if (qh48=9) cookcrop=1.
  var labels cookcrop "Agricultural crop for cooking".
compute cookdung=0.
  if (qh48=10) cookdung=1.
  var labels cookdung "Dung for cooking".
compute cookoth=0.
  if (qh48=96) cookoth=1.
  var labels cookoth "Other fuel for cooking".

*(Reset missing values to "does not have").
if (missing(qh47a) or qh47a=2) qh47a=0.
if (missing(qh47b) or qh47b=2) qh47b=0.
if (missing(qh47c) or qh47c=2) qh47c=0.
if (missing(qh47d) or qh47d=2) qh47d=0.
if (missing(qh47e) or qh47e=2) qh47e=0.
if (missing(qh47f) or qh47f=2) qh47f=0.
if (missing(qh47g) or qh47g=2) qh47g=0.
if (missing(qh47h) or qh47h=2) qh47h=0.
if (missing(qh47i) or qh47i=2) qh47i=0.
if (missing(qh47j) or qh47j=2) qh47j=0.
if (missing(qh47k) or qh47k=2) qh47k=0.
if (missing(qh47l) or qh47l=2) qh47l=0.
if (missing(qh47m) or qh47m=2) qh47m=0.
if (missing(qh47n) or qh47n=2) qh47n=0.
if (missing(qh47o) or qh47o=2) qh47o=0.
if (missing(qh47p) or qh47p=2) qh47p=0.
if (missing(qh47q) or qh47q=2) qh47q=0.
if (missing(qh47r) or qh47r=2) qh47r=0.
if (missing(qh47s) or qh47s=2) qh47s=0.
if (missing(qh47t) or qh47t=2) qh47t=0.
if (missing(qh47u) or qh47u=2) qh47u=0.
if (missing(qh47v) or qh47v=2) qh47v=0.
if (missing(qh47w) or qh47w=2) qh47w=0.

if (missing(qh56a) or qh56a=2) qh56a=0.
if (missing(qh56b) or qh56b=2) qh56b=0.
if (missing(qh56c) or qh56c=2) qh56c=0.
if (missing(qh56d) or qh56d=2) qh56d=0.

*{Own house}.
compute ownthis=0.
  if (qh58=1) ownthis=1.
  var labels ownthis 'Owns this house only'.
compute ownoth=0.
  if (qh58=2) ownoth=1.
  var labels ownoth 'Owns other houses only'.
compute ownboth=0.
  if (qh58=3) ownboth=1.
  var labels ownboth 'Owns both this house and other'.
compute ownnone=0.
  if (qh58=4) ownnone=1.
  var labels ownnone 'Does not own a house'.

if (missing(qh58a) or qh58a<>1) qh58a=0.

compute rent=0.
  if (qh58b=1) rent=1.
  var labels rent 'Rents house'.
compute rentemp=0.
  if (qh58b=2) rentemp=1.
  var labels rentemp 'Rent part of employment agreement'.
compute rentoth=0.
  if (qh58b=3) rentoth=1.
  var labels rentoth 'Rent other arrangement'.
if (missing(qh58c) or qh58c=2) qh58c=0.

if (missing(qh59) or qh59<>1) qh59=0.
if (missing(qh63) or qh63<>1) qh63=0.
var labels domestic 'At least one domestic worker'.
execute.
FREQUENCIES
   VARIABLES=QH32 QH33 QH39 QH40 QH41 QH48 QH49 QH50 QH53 QH54 QH55 QH58 QH58B domestic ownland
   /ORDER= ANALYSIS.

FREQUENCIES
   VARIABLES=QH47A QH47B QH47C QH47D QH47E QH47F QH47G QH47H QH47I QH47J QH47K QH47L QH47M QH47N QH47Q QH47Q QH47R QH47S QH47T QH47U QH47V QH47W QH63 QH59 QH58C QH58A memsleep h2oires h2oypad h2ooutube h2opwll h2oupwll h2opspg h2ouspg h2orain h2otruck h2ocart h2osurf h2obottl h2ooth qh33 h3oires h3oypad h3opwll h3oupwll h3opspg h3ouspg h3orain h3otruck h3ocart h3osurf h3ooth flush septic flpit floth f01d f02k f03t f04h f05z f06w f07v f08a f09b f10c.
   latf08o latw09ll latf09w la08n f01t f02n f03m f04l f05h f06w f07v f08a f09b f10c.
   ownland memsleep h2oires h2oypad h2ooutube h2opwll h2oupwll h2opspg h2ouspg h2orain h2otruck h2ocart h2osurf h2obottl h2ooth qh33 h3oires h3oypad h3opwll h3oupwll h3opspg h3ouspg h3orain h3otruck h3ocart h3osurf h3ooth flush septic flpit floth f01d f02k f03t f04h f05z f06w f07v f08a f09b f10c.
   plasroof matroof bbroof adobroof woodroof stonroof mtlroof w02roof
calroof asbroof cmtroof shngroof tilerof stroof brkroof othroof cookelec cookgas cookbio cookkero cookcoal cookchar cookwood cookstrw cookdung cookoth ownth ownoth ownboth ownnone rent rentemp rentoth
   /ORDER= ANALYSIS.

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

FACTOR
   /VARIABLES qh47a qh47b qh47c qh47d qh47e qh47f qh47g qh47h qh47i qh47j qh47k qh47l qh47m qh47n qh47o qh47p qh47q qh47r qh47s qh47t qh47u qh47v qh47w qh56a qh56b qh56c qh56d qh63 domestic ownland memsleep h2oires h2oypad h2ooutube h2opwll h2oupwll h2opspg h2ouspg h2orain h2otruck h2ocart h2osurf h2obottl h2ooth qh33 h3oires h3oypad h3opwll h3oupwll h3opspg h3ouspg h3orain h3otruck h3ocart h3osurf h3ooth flush septic flpit floth f01d f02k f03t f04h f05z f06w f07v f08a f09b f10c.
   latf08o latw09ll latf09w la08n f01t f02n f03m f04l f05h f06w f07v f08a f09b f10c.
   ownland memsleep h2oires h2oypad h2ooutube h2opwll h2oupwll h2opspg h2ouspg h2orain h2otruck h2ocart h2osurf h2obottl h2ooth qh33 h3oires h3oypad h3opwll h3oupwll h3opspg h3ouspg h3orain h3otruck h3ocart h3osurf h3ooth flush septic flpit floth f01d f02k f03t f04h f05z f06w f07v f08a f09b f10c.
   plasroof matroof bbroof adobroof woodroof stonroof mtlroof w02roof
calroof asbroof cmtroof shngroof tilerof stroof brkroof othroof cookelec cookgas cookbio cookkero cookcoal cookchar cookwood cookstrw cookdung cookoth ownth ownoth ownboth ownnone rent rentemp rentoth
   /ORDER= ANALYSIS.
cmntwall stlmwall
  brkwall cbwall wpwall mtlwall othwall roofless natroof mudroof sodroof
  plasroof matroof bbroof adobroof woodroof stonroof mtlroof
  wd2roof calroof
  asbroof cmntroof shngroof tileroof sltroof brkroof othroof
cookelec cookgas
cookbio cookkero cookcoal cookchar cookwood cookstrw cookcrop
cookdung
cookoth ownthis ownoth ownboth ownnone rent rentemp rentoth
/MISSING
  MEANSUB /ANALYSIS qh47a qh47b qh47c qh47d qh47e qh47f qh47g
  qh47h qh47i
  qh47j qh47k qh47l qh47m qh47n qh47o qh47p qh47q qh47r qh47s
  qh47t qh47u
  qh47v qh47w qh56a qh56b qh56c qh56d qh63 domestic ownland
memsleep h2oires
  h2oyrd h2opub h2iotube h2opwell h2ouwell h2opspg h2ouspg
h2orain h2otruck
  h2ocart h2osurf h2obottl h2ooth h3oires h3oyrd h3opub h3iotube
  h3opwell h3ouwell h3otruck h3osurf h3ooth
  flush septic flpit floth fldk latvip latpits latpit latcmp
latdry latbush
latoth dirtfloo sendfloo dungfloo woodfloo palmfloo brckfloo
stonfloo
  prqfloo vinlfloo tilefloo cemtfloo ctpflooo psfloo othfloo
wallless natwall
  dirtwall thatwall bbwall stonwall adobwall plywall cartwall
rwwall cmntwall
  stlmwall brkwall cbwall wpwall mtlwall othwall roofless natroof
mudroof
  sodroof plasroof matroof bbroof adobroof woodroof stonroof
mtlroof wd2roof
  calroof asbroof cmntroof shngroof tileroof sltroof brkroof
othroof cookelec
cookgas cookbio cookkero cookcoal cookchar cookwood cookstrw
cookcrop
cookdung cookoth ownthis ownoth ownboth ownnone rent rentemp
rentoth
/PRINT UNIVARIATE INITIAL CORRELATION EXTRACTION FSCORE
/Criteria FACTORS(1) ITERATE(25)
/EXTRACTION PC
/ROTATION NORotate
/SAVE REG(ALL)
/METHOD=CORRELATION .

compute hhmemwt=qhv012*ihweight/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=ihweight/1000000.
weight by hhwt.
VARIABLE LABELS hhwt 'HH weights'.
MEANS
   TABLES=qh47a qh47b qh47c qh47d qh47e qh47f qh47g qh47h qh47i qh47j
   qh47k qh47l qh47m qh47n qh47o qh47p qh47q qh47r qh47s qh47t qh47u qh47v
   qh47w qh56a qh56b qh56c qh56d qh63 domestic ownland memsleep h2oires h2oyrd h2opub h2iotube h2opwell h2ouwell h2opspg h2orous h2orain h2otruck h2ocart h2osurf h2obottl h2ooth h3oires h3oyrd h3opub h3iotube h3opwell h3ouwell h3otruck h3osurf h3ooth flush septic flpit floth fldk latvip latpits latpit latcmp latdry latbush latoth dirtfloo sandfloo dungfloo woodfloo brckfloo stonfloo prqfloo vinlfloo tilefloo cemtfloo ctpfloo psfloo othfloo wallless natwall dirtwall thatwall bbwall stonwall adobwall plywall cartwall rwwall cmntwall stlmwall brkwall cbwall wpwall mtlwall othwall roofless natroof mudroof sodroof plasroof matroof bbroof adobroof woodroof stonroof mtlroof wd2roof calroof asbroof cmntroof shngroof tileroof sltroof brkroof othroof cookelec cookgas cookbio cookkero cookcoal cookchar cookwood cookstrw cookcrop cookdung cookoth owntthis ownoth ownth both ownnone rent rentemp rentoth BY nfac1_1 /CELLS MEAN COUNT STDDEV .

compute qhwlthf=fac1_1.
compute qhwlthi=nfac1_1.

save outfile="c:\hnp2a\india05\new data\assets.sav".
WEIGHT
   OFF.
FREQUENCIES
   VARIABLES=qhwlthi
   /ORDER= ANALYSIS.
GRAPH
   /HISTOGRAM(NORMAL)=fac1_1
   /TITLE= 'Distribution of Households by Wealth Scores' 'India 2005-06'.
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\india05\new data\iascores.dat'
   TABLE
       /qhhid qhwlthi fac1_1 .
EXECUTE.