

DATA LIST FILE='C:\HNP2A\NEPAL 2011\EXPORTNP11' RECORDS=1

/

QHCLUST	1-4
QHNUMBER	5-8
QHWHEIGHT	9-16
QHTYPE	17-17
HV009	18-20
HV012	21-23
HV013	24-26
QH101	27-27
QH102	28-29
QH103	30-30
QH104	31-33
QH104A	34-34
QH105	35-35
QH106	36-42
QH107	43-44
QH108	45-45
QH109	46-47
QH110A	48-48
QH110B	49-49
QH110C	50-50
QH110D	51-51
QH110E	52-52
QH110F	53-53
QH110G	54-54
QH110H	55-55
QH110I	56-56
QH110J	57-57
QH110K	58-58
QH110L	59-59
QH110M	60-60
QH110N	61-61
QH110O	62-62
QH111	63-64
QH112	65-65
QH113	66-66
QH114	67-68
QH115	69-70
QH116	71-72
QH117	73-74
QH118A	75-75
QH118B	76-76
QH118C	77-77
QH118D	78-78
QH118E	79-79
QH118F	80-80
QH119	81-81
QH120U	82-82
QH120	83-84
QH121	85-85
QH122A	86-87

(A)

QH122B	88-89	
QH122C	90-91	
QH122D	92-93	
QH122E	94-95	
QH122F	96-97	
QH122G	98-99	
QH122H	100-101	
QH122I	102-103	
QH123	104-104	
QH124	105-105	
QH125	106-106	
QH126	107-107	
QH127	108-108	
QH128	109-110	(A)
QH129	111-111	
QH130	112-112	
QH131	113-113	
QH132	114-114	
QH133	115-115	
QH134	116-116	
QH135	117-117	
QH136	118-118	
QH138A	119-119	
QH138B	120-120	
QH138C	121-121	
QH138D	122-122	
QH138E	123-123	
QH138F	124-124	
QH138G	125-125	
QH139	126-131	(A)
HOUSE	132-132	
LAND	133-133	

VARIABLE LABELS

QHCLUST	"Cluster number"
/QHNUMBER	"Household number"
/QHWEIGHT	"Household weight (6 decimals)"
/QHTYPE	"Rural/Urban"
/HV009	"Total persons in household"
/HV012	"Number of usual residents"
/HV013	"Number who slept in HH last night"
/QH101	"How often does anyone smoke inside your house?"
/QH102	"Source of drinking water"
/QH103	"Location of source for water"
/QH104	"Time to water and back (mins)"
/QH104A	"Use the main water source all year or part of the year"
/QH105	"Do anything to water to make safe to drink"
/QH106	"What do you usually do to make water safe to drink"
/QH107	"Type of toilet facility"
/QH108	"Share facilities with other households"
/QH109	"Total number of households sharing toilet"

/QH110A "Electricity"
 /QH110B "Radio"
 /QH110C "Television"
 /QH110D "Mobile telephone"
 /QH110E "Telephone (non-mobile)"
 /QH110F "Refrigerator"
 /QH110G "Table"
 /QH110H "Chair"
 /QH110I "Bed"
 /QH110J "Sofa"
 /QH110K "Cupboard"
 /QH110L "Computer"
 /QH110M "Clock"
 /QH110N "Fan"
 /QH110O "Dhiki/jato--wooden thresher/grain grinding stone"
 /QH111 "Type of cooking fuel"
 /QH112 "Food cooked in the house / in separate building /
 outdoors"
 /QH113 "Household has separate room used as kitchen"
 /QH114 "Main material of floor"
 /QH115 "Main roof material"
 /QH116 "Main wall material"
 /QH117 "Number of rooms used for sleeping"
 /QH118A "Watch"
 /QH118B "Bicycle"
 /QH118C "Motorcycle or Scooter"
 /QH118D "Three wheel tempo"
 /QH118E "Animal-drawn cart"
 /QH118F "Car or Truck"
 /QH119 "Own land usable for agriculture"
 /QH120U "Unit of agriculture land"
 /QH120 "Amount of agricultural land"
 /QH121 "Livestock, herds or farm animals"
 /QH122A "Buffalo"
 /QH122B "Cows / bulls"
 /QH122C "Horses / donkeys / mules"
 /QH122D "Goats"
 /QH122E "Sheep"
 /QH122F "Chickens"
 /QH122G "Ducks"
 /QH122H "Pigs"
 /QH122I "Yaks"
 /QH123 "Bank account"
 /QH124 "Mosquito nets used while sleeping"
 /QH125 "Number of mosquito nets"
 /QH126 "Observation of place where members wash their hands"
 /QH127 "Presence of water at the place of hand washing"
 /QH128 "Presence of soap, detergent, other cleaning agent"
 /QH129 "Test salt for Iodine"
 /QH130 "In past 12 months, frequency did worry that your
 household would not have enough food"
 /QH131 "In past 12 months, frequency unable to eat preferred

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foods because of lack of resources"
/QH132 "In past 12 months, frequency ate a limited variety du
to lack of resources"
/QH133 "In past 12 months, frequency ate smaller meals
because there was not enough food"
/QH134 "In past 12 months, frequency ate fewer meals in a day
because of lack of resources"
/QH135 "In past 12 months, frequency when there was no food
to eat because of lack of resourses"
/QH136 "In past 12 months, frequency went to sleep hungry,
because there was not enough food"
/QH138A "In last 12 months: taken loan"
/QH138B "In last 12 months: collected wild food"
/QH138C "In last 12 months: consumed seed"
/QH138D "In last 12 months: sell household assets"
/QH138E "In last 12 months: sell livestock"
/QH138F "In last 12 months: sell land"
/QH138G "In last 12 months, did you take any other steps. If
yes then specifu:"
/QH139 "Causes of food deficiency in your household in last
12 months"
/HOUSE "Owns a dwelling"
/LAND "Owns agricultural land"

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MISSING VALUE

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    QH114 (99)
  /QH117 (99)
  /QH118A (9)
  /QH118B (9)
  /QH118C (9)
  /QH118D (9)
  /QH118E (9)
  /QH118F (9)
  /QH119 (9)
  /QH123 (9)
  /QH124 (9)
  /QH126 (9)

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VARIABLE LABELS qhtype 1 'Rural' 2 'Urban'.
execute.

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*{Construct Variables}.

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*{Members per sleeping room}.
if (hv012=0) hv012=hv013.
if (qh117>0) memsleep=trunc(hv012/qh117).
if (qh117=0) memsleep=hv012.
if (memsleep>=98) memsleep=98.

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VARIABLE LABELS

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

*{Drinking water supply}.
compute h2oires=0.
if (qh102=11) h2oires=1.
var labels h2oires "Piped into dwelling".
compute h2oyrd=0.
if (qh102=12) h2oyrd=1.
var labels h2oyrd "Piped into yard/plot".
compute h2opub=0.
if (qh102=13) h2opub=1.
var labels h2opub "Public tap / standpipe".
compute h2obwell=0.
if (qh102=21) h2obwell=1.
var labels h2obwell "Tube well or borehole".
compute h2ipwell=0.
if (qh102=31) h2ipwell=1.
var labels h2ipwell "Protected dug well".
compute h2iowell=0.
if (qh102=32) h2iowell=1.
var labels h2iowell "Unprotected dug well".
compute h2opspg=0.
if (qh102=41) h2opspg=1.
var labels h2opspg "Protected Spring".
compute h2ouspg=0.
if (qh102=42) h2ouspg=1.
var labels h2ouspg "Unprotected Spring".
compute h2orain=0.
if (qh102=51) h2orain=1.
var labels h2orain "Water from rain".
compute h2otruck=0.
if (qh102=61) h2otruck=1.
var labels h2otruck "Water from tanker truck".
compute h2osurf=0.
if (qh102=71) h2osurf=1.
var labels h2osurf "Surface water-river, lake, dam, etc.".
compute h2odhara=0.
if (qh102=81) h2odhara=1.
var labels h2odhara "Stone tap/dhara".
compute h2obot=0.
if (qh102=91) h2obot=1.
var labels h2obot "Water from bottle".
compute h2ooth=0.
if (qh102=71 or qh102=96) h2ooth=1.
var labels h2ooth "Other water source".

*{Toilet facility}.
compute flushs=0.
if (qh107=11) flushs=1.
var labels flushs "Flush toilet to sewer".
compute flusht=0.

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if (qh107=12) flusht=1.
var labels flusht "Flush toilet to septic tank".
compute flushp=0.
if (qh107=13) flushp=1.
var labels flushp "Flush toilet to pit latrine".
compute flushe=0.
if (qh107=14 or qh107=15) flushe=1.
var labels flushe "Flush toilet to elsewhere".
compute latpit=0.
if (qh107=23) latpit=1.
var labels latpit "Traditional pit latrine".
compute latpits=0.
if (qh107=22) latpits=1.
var labels latpits "Pit latrine with slab".
compute latvip=0.
if (qh107=21) latvip=1.
var labels latvip "VIP latrine".
compute latcomp=0.
if (qh107=31) latcomp=1.
var labels latcomp 'Composting toilet/ecosan'.
compute latpail=0.
if (qh107=41) latpail=1.
var labels latpail "Bucket toilet".
compute latbush=0.
if (qh107=51) latbush=1.
var labels latbush "No facility/bush/field".
compute latoth=0.
if (qh107=41 or qh107=96) latoth=1.
var labels latoth 'Other type of latrine/toilet'.

compute latshare=0.
if (qh108=1) latshare=1.
var labels latshare 'Shares latrine/toilet with other
households'.

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*{Flooring}.
compute dirtfloo=0.
if (qh114=11 or qh114=12) dirtfloo=1.
var labels dirtfloo "Earth, sand, dung floor".
compute woodfloo=0.
if (qh114=21 or qh114=22) woodfloo=1.
var labels woodfloo "Rudimentary wood plank, palm, bamboo floor".
compute cementfloo=0.
if (qh114=34) cementfloo=1.
var labels cementfloo "Cement floor".
compute vinylfloo=0.
if (qh114=32) vinylfloo=1.
var labels vinylfloo "Vinyl, asphalt strip floor".
compute tilefloo=0.
if (qh114=33) tilefloo=1.
var labels tilefloo "Ceramic tile floor".

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compute rugfloo=0.
if (qh114=35) rugfloo=1.
var labels rugfloo "Carpeted floor".
compute prqfloo=0.
if (qh114=31) prqfloo=1.
var labels prqfloo "Polished wood floor".
compute othfloo=0.
if (qh114=96) othfloo=1.
var labels othfloo "Other type of flooring".

*{Walls}.
compute nowall=0.
if (qh116=11) nowall=1.
var labels nowall "No walls".
compute natwall=0.
if (qh116=12 or qh116=13) natwall=1.
var labels natwall "Cane/palm/trunks/dirt walls".
compute mudwall=0.
if (qh116=21) mudwall=1.
var labels mudwall "Bamboo with mud walls".
compute stonwall=0.
if (qh116=22) stonwall=1.
var labels stonwall "Stone with mud walls".
compute plywall=0.
if (qh116=23) plywall=1.
var labels plywall "Plywood walls".
compute cardwall=0.
if (qh116=24) cardwall=1.
var labels cardwall "Cardboard walls".
compute rwoodwall=0.
if (qh116=25) rwoodwall=1.
var labels rwoodwall "Reused wood walls".
compute cmtwall=0.
if (qh116=31) cmtwall=1.
var labels cmtwall "Cement walls".
compute stonwall=0.
if (qh116=32) stonwall=1.
var labels stonwall "Stone walls with lime/cement".
compute brkwall=0.
if (qh116=33) brkwall=1.
var labels brkwall "Baked brick walls".
compute cmtbwall=0.
if (qh116=34) cmtbwall=1.
var labels cmtbwall "Cement block walls".
compute woodwall=0.
if (qh116=35) woodwall=1.
var labels woodwall "Wood planks, shingles walls".
compute othwall=0.
if (qh116=96) othwall=1.
var labels othwall "Other type of walls".

*{Roofing}.

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compute noroof=0.
if (qh115=11) noroof=1.
var labels noroof "No roof".
compute natroof=0.
if (qh115=12) natroof=1.
var labels natroof "Thatch/palm/sod roof".
compute matroof=0.
if (qh115=21) matroof=1.
var labels matroof "Rustic mat / plastic roof".
compute bambroof=0.
if (qh115=22) bambroof=1.
var labels bambroof "Palm / bamboo roof".
compute wproof=0.
if (qh115=23) wproof=1.
var labels wproof "Wood planks roof".
compute cardroof=0.
if (qh115=24) cardroof=1.
var labels cardroof "Cardboard roof".
compute metroof=0.
if (qh115=31) metroof=1.
var labels metroof "Iron sheet roof".
compute woodroof=0.
if (qh115=32) woodroof=1.
var labels woodroof "Wood roof".
compute asbroof=0.
if (qh115=33) asbroof=1.
var labels asbroof "Calamine / cement fiber roof".
compute tileroof=0.
if (qh115=34) tileroof=1.
var labels tileroof "Ceramic tile roof".
compute cmtroof=0.
if (qh115=35) cmtroof=1.
var labels cmtroof "Concrete roof".
compute shngroof=0.
if (qh115=36) shngroof=1.
var labels shngroof "Roofing shingles roof".
compute othroof=0.
if (qh115=96) othroof=1.
var labels othroof "Other type of roof".

*{Cooking Fuel}.
compute cookelec=0.
if (qh111=1) cookelec=1.
var labels cookelec "Electricity for cooking".
compute cooklpg=0.
if (qh111=2) cooklpg=1.
var labels cooklpg "LPG for cooking".
compute cookngas=0.
if (qh111=3) cookngas=1.
var labels cookngas "Natural gas for cooking".
compute cookbio=0.
if (qh111=4) cookbio=1.

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var labels cookbio "Biogas for cooking".
compute cookkero=0.
if (qh111=5) cookkero=1.
var labels cookkero "Kerosene for cooking".
compute cookcoal=0.
if (qh111=6) cookcoal=1.
var labels cookcoal "Coal, lignite for cooking".
compute cookchar=0.
if (qh111=7) cookchar=1.
var labels cookchar "Charcoal for cooking".
compute cookwood=0.
if (qh111=8 ) cookwood=1.
var labels cookwood "Wood for cooking".
compute cookstraw=0.
if (qh111=9) cookstraw=1.
var labels cookstraw "Straw, shrubs, grass for cooking".
compute cookcrop=0.
if (qh111=10) cookcrop=1.
var labels cookcrop "Agricultural crop for cooking".
compute cookdung=0.
if (qh111=11) cookdung=1.
var labels cookdung "Dung for cooking".
compute cooknone=0.
if (qh111=95) cooknone=1.
var labels cooknone 'Does not cook'.
compute cookoth=0.
if (qh111=96) cookoth=1.
var labels cookoth "Other fuel for cooking".

*{Reset missing values to "does not have", change 2 code to 0}.
if (qh110a<>1) qh110a=0.
if (qh110b<>1) qh110b=0.
if (qh110c<>1) qh110c=0.
if (qh110d<>1) qh110d=0.
if (qh110e<>1) qh110e=0.
if (qh110f<>1) qh110f=0.
if (qh110g<>1) qh110g=0.
if (qh110h<>1) qh110h=0.
if (qh110i<>1) qh110i=0.
if (qh110j<>1) qh110j=0.
if (qh110k<>1) qh110k=0.
if (qh110l<>1) qh110l=0.
if (qh110m<>1) qh110m=0.
if (qh110n<>1) qh110n=0.
if (qh110o<>1) qh110o=0.

if (qh118a<>1) qh118a=0.
if (qh118b<>1) qh118b=0.
if (qh118c<>1) qh118c=0.
if (qh118d<>1) qh118d=0.
if (qh118e<>1) qh118e=0.
if (qh118f<>1) qh118f=0.

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if (qh119<>1) qh119=0.
if (qh119<>1) qh120=0.

compute landarea=0.

if (qh120u=1 and qh120<=95) landarea=6772.63*qh120/10000.
if (qh120u=2 and qh120<=95) landarea=508.72*qh120/10000.

if (qh119<>1) landarea=0.
FRECUENCIES landarea.

if (qh121<>1) qh121=0.
if (qh121<>1) qh122a=0.
if (qh121<>1) qh122b=0.
if (qh121<>1) qh122c=0.
if (qh121<>1) qh122d=0.
if (qh121<>1) qh122e=0.
if (qh121<>1) qh122f=0.
if (qh121<>1) qh122g=0.
if (qh121<>1) qh122h=0.
if (qh121<>1) qh122i=0.
missing values qh122a to qh122i (98,99).

if (qh123<>1) qh123=0.

*{Lighting fuel}.
*compute eleclgt=0.
*if (qh106=1) eleclgt=1.
*var labels eleclgt "Electricity for lighting".
*compute sunlgt=0.
*if (qh106=2) sunlgt=1.
*var labels sunlgt "Solar electricity for lighting".
*compute gaslgt=0.
*if (qh106=3) gaslgt=1.
*var labels gaslgt "Gas for lighting".
*compute hurrlgt=0.
*if (qh106=4) hurrlgt=1.
*var labels hurrlgt "Pariffin-hurricane lamp".
*compute preslgt=0.
*if (qh106=5) preslgt=1.
*var labels preslgt "Pariffin-pressure lamp".
*compute wicklgt=0.
*if (qh106=6) wicklgt=1.
*var labels wicklgt "Wick lamp for lighting".
*compute candlgt=0.
*if (qh106=8) candlgt=1.
*var labels candlgt "Candles for lighting".
*compute woodlgt=0.
*if (qh106=7) woodlgt=1.
*var labels woodlgt "Firewood for lighting".

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*compute othlgt=0.
*if (qh106=96) othlgt=1.
*var labels othlgt "Other type of lighting".

*{Solid waste/garbage collection}.

execute.

FREQUENCIES VARIABLES=QHTYPE HV009 HV012 HV013 QH102 QH107 QH108
QH110A QH110B QH110C QH110D QH110E
    QH110F QH110G QH110H QH110I QH110J QH110K QH110L QH110M
QH110N QH110O QH111 QH114 QH115 QH116 QH117
    QH118A QH118B QH118C QH118D QH118E QH118F QH119 QH120U QH120
QH121 QH122A QH122B QH122C QH122D
    QH122E QH122F QH122G QH122H QH122I QH123
/ORDER=ANALYSIS.
FREQUENCIES VARIABLES=HOUSE LAND memsleep h2oires h2oyrd h2opub
h2obwell h2ipwell h2iowell h2opspg
    h2ouspg h2orain h2otruck h2osurf h2odhara h2obot h2ooth
flushs flusht flushp flushe latpit latpits
    latvip latcomp latpail latbush latoth latshare dirtfloo
woodfloo cemtfloo vinlfloo tilefloo rugfloo
    prgfloo othfloo nowall natwall mudwall stonwall plywall
cardwall rwoodwall cmtwall brkwall cmtbwall
    woodwall othwall noroof natroof matroof bambroof wproof
cardroof metroof woodroof asbroof tileroof
    cmtroof shngroof othroof cookelec cooklpg cookngas cookbio
cookkero cookcoal cookchar cookwood
    cookstraw cookcrop cookdung cooknone cookoth landarea
/ORDER=ANALYSIS.

save outfile="c:\hnp2a\Nepal 2011\np11assets.sav".

*****.
*** Factor Analysis to Test Distribution of created variables.

FACTOR
/VARIABLES QH110A QH110B QH110C QH110D QH110E
    QH110F QH110G QH110H QH110I QH110J QH110K QH110L QH110M
QH110N QH110O QH111 QH114 QH115 QH116 QH117
    QH118A QH118B QH118C QH118D QH118E QH118F QH119 QH121 QH122A
QH122B QH122C QH122D
    QH122E QH122F QH122G QH122H QH122I QH123
HOUSE LAND memsleep h2oires h2oyrd h2opub h2obwell h2ipwell
h2iowell h2opspg
    h2ouspg h2orain h2otruck h2osurf h2odhara h2obot h2ooth
flushs flusht flushp flushe latpit latpits
    latvip latcomp latpail latbush latoth latshare dirtfloo
woodfloo cemtfloo vinlfloo tilefloo rugfloo
    prgfloo othfloo nowall natwall mudwall stonwall plywall
cardwall rwoodwall cmtwall brkwall cmtbwall

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woodwall othwall noroof natroof matroof bambroof wproof
metroof woodroof asbroof tilerroof
cmtroof shngroof othroof cookelec cooklpg cookngas cookbio
cookkero cookcoal cookchar cookwood
cookstraw cookcrop cookdung cooknone cookoth landarea
/MISSING MEANSUB
/ANALYSIS QH110A QH110B QH110C QH110D QH110E
QH110F QH110G QH110H QH110I QH110J QH110K QH110L QH110M
QH110N QH110O QH111 QH114 QH115 QH116 QH117
QH118A QH118B QH118C QH118D QH118E QH118F QH119 QH121 QH122A
QH122B QH122C QH122D
QH122E QH122F QH122G QH122H QH122I QH123
HOUSE LAND memsleep h2oires h2oyrd h2opub h2obwell h2ipwell
h2iowell h2opspg
h2ouspg h2orain h2otruck h2osurf h2odhara h2obot h2ooth
flushs flusht flushp flushe latpit latpits
latvip latcomp latpail latbush latoth latshare dirtfloo
woodfloo cemtfloo vinylfloo tilefloo rugfloo
prgfloo othfloo nowall natwall mudwall stonwall plywall
cardwall rwoodwall cmtwall brkwall cmtbwall
woodwall othwall noroof natroof matroof bambroof wproof
metroof woodroof asbroof tilerroof
cmtroof shngroof othroof cookelec cooklpg cookngas cookbio
cookkero cookcoal cookchar cookwood
cookstraw cookcrop cookdung cooknone cookoth landarea
/PRINT UNIVARIATE INITIAL CORRELATION EXTRACTION
/CRITERIA FACTORS(1) ITERATE(25)
/EXTRACTION PC
/ROTATION NOROTATE
/METHOD=CORRELATION.

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*****.

*** Common Factor Analysis.

```

FILTER OFF.
USE ALL.
EXECUTE.

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**** Redo removing area-specific variables ****.

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FACTOR
/VARIABLES QH110A QH110B QH110C QH110D QH110E
QH110F QH110G QH110H QH110I QH110J QH110K QH110L QH110M
QH110N
QH118A QH118B QH118C QH118D QH118E QH118F QH119 QH121 QH123
HOUSE LAND memsleep h2oires h2oyrd h2opub h2obwell h2ipwell
h2iowell h2opspg
h2ouspg h2orain h2otruck h2osurf h2odhara h2obot h2ooth
flushs flusht flushp flushe latpit latpits
latvip latcomp latpail latbush latoth latshare dirtfloo

```

```

woodfloo cemtfloo vinlfloo tilefloo rugfloo
  prqfloo othfloo nowall natwall mudwall stonwall plywall
cardwall rwoodwall cmtwall brkwall cmtbwall
  woodwall othwall noroof natroof matroof bambroof wproof
metroof woodroof asbroof tilerroof
  cmtroof shngroof othroof cookelec cooklpg cookngas cookbio
cookkero cookcoal cookchar cookwood
  cookstraw cookcrop cookdung cooknone cookoth
/MISSING MEANSUB
/ANALYSIS QH110A QH110B QH110C QH110D QH110E
  QH110F QH110G QH110H QH110I QH110J QH110K QH110L QH110M
QH110N
  QH118A QH118B QH118C QH118D QH118E QH118F QH119 QH121 QH123
HOUSE LAND memsleep h2oires h2oyrd h2opub h2obwell h2ipwell
h2iowell h2opspg
  h2ouspg h2orain h2otruck h2osurf h2odhara h2obot h2ooth
flushs flusht flushp flushe latpit latpits
  latvip latcomp latpail latbush latoth latshare dirtfloo
woodfloo cemtfloo vinlfloo tilefloo rugfloo
  prqfloo othfloo nowall natwall mudwall stonwall plywall
cardwall rwoodwall cmtwall brkwall cmtbwall
  woodwall othwall noroof natroof matroof bambroof wproof
metroof woodroof asbroof tilerroof
  cmtroof shngroof othroof cookelec cooklpg cookngas cookbio
cookkero cookcoal cookchar cookwood
  cookstraw cookcrop cookdung cooknone cookoth
/PRINT UNIVARIATE INITIAL EXTRACTION FSCORE
/CRITERIA FACTORS(1) ITERATE(25)
/EXTRACTION PC
/ROTATION NOROTATE
/SAVE REG(ALL)
/METHOD=CORRELATION.

```

** Urban Areas.

```

USE ALL.
COMPUTE filter_$(qhtype = 2).
VARIABLE LABEL filter_$ 'qhtype = 2 (FILTER)'.
VALUE LABELS filter_$ 0 'Not Selected' 1 'Selected'.
FORMAT filter_$ (f1.0).
FILTER BY filter_$.
EXECUTE .

```

```

WEIGHT
  OFF.

```

```

FACTOR
  /VARIABLES QH110A QH110B QH110C QH110D QH110E
    QH110F QH110G QH110H QH110I QH110J QH110K QH110L QH110M
QH110N QH110O
    QH118A QH118B QH118C QH118D QH118E QH118F QH119 QH121 QH122A

```

```

QH122B QH122C QH122D
  QH122E QH122F QH122G QH122H QH122I QH123
  HOUSE LAND memsleep h2oires h2oyrd h2opub h2obwell h2ipwell
h2iowell h2opspg
  h2ouspg h2otruck h2osurf h2odhara h2obot h2ooth flushs flusht
flushp flush latpit latpits
  latvip latcomp latbush latshare dirtfloo woodfloo cemtfluo
vinlfloo tilefloo rugfloo
  prqfloo othfloo nowall natwall mudwall stonwall plywall
rwoodwall cmtwall brkwall cmtbwall
  woodwall othwall noroof natroof matroof bambroof wproof
metroof woodroof asbroof tilerooof
  cmtroof othroof cookelec cooklpg cookngas cookbio cookkero
cookcoal cookchar cookwood
  cookstraw cookcrop cookdung cooknone landarea
/MISSING MEANSUB
/ANALYSIS QH110A QH110B QH110C QH110D QH110E
  QH110F QH110G QH110H QH110I QH110J QH110K QH110L QH110M
QH110N QH110O
  QH118A QH118B QH118C QH118D QH118E QH118F QH119 QH121 QH122A
QH122B QH122C QH122D
  QH122E QH122F QH122G QH122H QH122I QH123
  HOUSE LAND memsleep h2oires h2oyrd h2opub h2obwell h2ipwell
h2iowell h2opspg
  h2ouspg h2otruck h2osurf h2odhara h2obot h2ooth flushs flusht
flushp flush latpit latpits
  latvip latcomp latbush latshare dirtfloo woodfloo cemtfluo
vinlfloo tilefloo rugfloo
  prqfloo othfloo nowall natwall mudwall stonwall plywall
rwoodwall cmtwall brkwall cmtbwall
  woodwall othwall noroof natroof matroof bambroof wproof
metroof woodroof asbroof tilerooof
  cmtroof othroof cookelec cooklpg cookngas cookbio cookkero
cookcoal cookchar cookwood
  cookstraw cookcrop cookdung cooknone landarea
/PRINT UNIVARIATE INITIAL EXTRACTION FSCORE
/CRITERIA FACTORS(1) ITERATE(25)
/EXTRACTION PC
/ROTATION NOROTATE
/SAVE REG(ALL URB)
/METHOD=CORRELATION.

```

** Rural Area.

```

USE ALL.
COMPUTE filter_$=(qhtype = 1).
VARIABLE LABEL filter_$ 'qhtype = 1 (FILTER)'.
VALUE LABELS filter_$ 0 'Not Selected' 1 'Selected'.
FORMAT filter_$ (f1.0).
FILTER BY filter_$.

```

EXECUTE .

FACTOR

```
/VARIABLES QH110A QH110B QH110C QH110D QH110E
QH110F QH110G QH110H QH110I QH110J QH110K QH110L QH110M
QH110N QH110O
QH118A QH118B QH118C QH118D QH118E QH118F QH119 QH121 QH122A
QH122B QH122C QH122D
QH122E QH122F QH122G QH122H QH122I QH123
HOUSE LAND memsleep h2oires h2oyrd h2opub h2obwell h2ipwell
h2iowell h2opspg
h2ouspg h2orain h2otruck h2osurf h2odhara h2obot h2ooth
flushs flusht flushp flushe latpit latpits
latvip latcomp latpail latbush latoth latshare dirtfloo
woodfloo cemtfloo vinlfloo tilefloo rugfloo
prqfloo othfloo nowall natwall mudwall stonwall plywall
cardwall rwoodwall cmtwall brkwall cmtbwall
woodwall othwall noroof natroof matroof bambroof wproof
metroof woodroof asbroof tilerroof
cmtroof shngroof othroof cookelec cooklpg cookngas cookbio
cookkero cookcoal cookchar cookwood
cookstraw cookcrop cookdung cooknone cookoth landarea
/MISSING MEANSUB
/ANALYSIS QH110A QH110B QH110C QH110D QH110E
QH110F QH110G QH110H QH110I QH110J QH110K QH110L QH110M
QH110N QH110O
QH118A QH118B QH118C QH118D QH118E QH118F QH119 QH121 QH122A
QH122B QH122C QH122D
QH122E QH122F QH122G QH122H QH122I QH123
HOUSE LAND memsleep h2oires h2oyrd h2opub h2obwell h2ipwell
h2iowell h2opspg
h2ouspg h2orain h2otruck h2osurf h2odhara h2obot h2ooth
flushs flusht flushp flushe latpit latpits
latvip latcomp latpail latbush latoth latshare dirtfloo
woodfloo cemtfloo vinlfloo tilefloo rugfloo
prqfloo othfloo nowall natwall mudwall stonwall plywall
cardwall rwoodwall cmtwall brkwall cmtbwall
woodwall othwall noroof natroof matroof bambroof wproof
metroof woodroof asbroof tilerroof
cmtroof shngroof othroof cookelec cooklpg cookngas cookbio
cookkero cookcoal cookchar cookwood
cookstraw cookcrop cookdung cooknone cookoth landarea
/PRINT UNIVARIATE INITIAL EXTRACTION FSCORE
/CRITERIA FACTORS(1) ITERATE(25)
/EXTRACTION PC
/ROTATION NOROTATE
/SAVE REG(ALL RUR)
/METHOD=CORRELATION.
```

```

* Calculate regressions with total score.
** Urban Area.

USE ALL.
COMPUTE filter_$(qhtype = 2).
VARIABLE LABEL filter_$ 'qhtype = 2 (FILTER)'.
VALUE LABELS filter_$ 0 'Not Selected' 1 'Selected'.
FORMAT filter_$ (f1.0).
FILTER BY filter_$.
EXECUTE .

REGRESSION
  /MISSING LISTWISE
  /STATISTICS COEFF OUTS R ANOVA
  /CRITERIA=PIN(.05) POUT(.10)
  /NOORIGIN
  /DEPENDENT FAC1_1
  /METHOD=ENTER URB1 .

** Rural Area.

USE ALL.
COMPUTE filter_$(qhtype = 1).
VARIABLE LABEL filter_$ 'qhtype = 1 (FILTER)'.
VALUE LABELS filter_$ 0 'Not Selected' 1 'Selected'.
FORMAT filter_$ (f1.0).
FILTER BY filter_$.
EXECUTE .

REGRESSION
  /MISSING LISTWISE
  /STATISTICS COEFF OUTS R ANOVA
  /CRITERIA=PIN(.05) POUT(.10)
  /NOORIGIN
  /DEPENDENT FAC1_1
  /METHOD=ENTER RUR1 .

FILTER OFF.
USE ALL.
EXECUTE .

*** Calculate combined wealth score from Urban and Rural Scores.
compute comb scor=0.
print formats comb scor (F11.5).
** Urban.
if (qhtype = 2) comb scor=0.821+(0.916)* URB1.
** Rural.
if (qhtype = 1) comb scor=(-0.336)+0.816* RUR1.
execute.

```



```

*Tabulation for histograms
weight by hhwt.
filter off.
use all.
FREQUENCIES
  VARIABLES=combscor  /FORMAT=NOTABLE
  /NTILES= 5
  /STATISTICS=STDDEV MEAN
  /HISTOGRAM NORMAL
  /ORDER= ANALYSIS
.

* Calculate histogram intervals.

compute histnac=trunc(fac1_1/((2.5-(-2.0))/50)).
if (fac1_1 ge 0 ) histnac=histnac+1.
freq var=histnac.

*Calculate quintiles and scores for data file.
compute hmemwt=qhweight*hv012/1000000.
weight by hmemwt.
VARIABLE LABELS hmemwt 'HH members weighting for Index' .

** Urban Area.
USE ALL.
COMPUTE filter_$=(qhtype = 2).
VARIABLE LABEL filter_$ 'qhtype = 2 (FILTER)'.
VALUE LABELS filter_$ 0 'Not Selected' 1 'Selected'.
FORMAT filter_$ (f1.0).
FILTER BY filter_$.
EXECUTE .

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

** Rural Area.

USE ALL.
COMPUTE filter_$=(qhtype = 1).
VARIABLE LABEL filter_$ 'qhtype = 1 (FILTER)'.
VALUE LABELS filter_$ 0 'Not Selected' 1 'Selected'.
FORMAT filter_$ (f1.0).
FILTER BY filter_$.
EXECUTE .

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

```

** National combined score.

FILTER OFF.
USE ALL.
EXECUTE .

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

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

frequencies variables=ncombsco.

compute hhwt=qhweight/1000000.
weight by hhwt.
VARIABLE LABELS hhwt 'HH weights' .

MEANS TABLES=QH110A QH110B QH110C QH110D QH110E
QH110F QH110G QH110H QH110I QH110J QH110K QH110L QH110M
QH110N QH110O QH117
QH118A QH118B QH118C QH118D QH118E QH118F QH119 QH121 QH122A
QH122B QH122C QH122D
QH122E QH122F QH122G QH122H QH122I QH123
HOUSE LAND memsleep h2oires h2oyrd h2opub h2obwell h2ipwell
h2iowell h2opspg
h2ouspg h2orain h2otruck h2osurf h2odhara h2obot h2ooth
flushs flusht flushp flushe latpit latpits
latvip latcomp latpail latbush latoth latshare dirtfloo
woodfloo cemtfloo vinlfloo tilefloo rugfloo
prqfloo othfloo nowall natwall mudwall stonwall plywall
cardwall rwoodwall cmtwall brkwall cmtbwall
woodwall othwall noroof natroof matroof bambroof wproof
metroof woodroof asbroof tilerroof
cmtroof shngroof othroof cookelec cooklpg cookngas cookbio
cookkero cookcoal cookchar cookwood
cookstraw cookcrop cookdung cooknone cookoth landarea
by Ncombsco
/CELLS MEAN COUNT STDDEV.

compute hv271=combscor.
compute hv270=ncombsco.

save outfile="c:\hnp2a\Nepal 2011\np11assets.sav".

```

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

compute hhwt=qhweight/1000000.
weight by hhwt.

GRAPH
  /HISTOGRAM(NORMAL)=combscor
  /TITLE= 'Distribution of Households by Wealth Scores Nepal
2011'.
FREQUENCIES
  VARIABLES=combscor /FORMAT=NOTABLE
  /NTILES= 5
  /STATISTICS=STDDEV MINIMUM MAXIMUM SEMEAN MEAN MEDIAN MODE
SKEWNESS SESKEW
  KURTOSIS SEKURT
  /ORDER= ANALYSIS .

write formats combscor (f11.5).

WRITE OUTFILE='c:\hnp2a\Nepal 2011\np11scores.dat'
  TABLE
  /qhclust qhnumber combscor ncombsco urb1 nurb1 rur1 nrur1.
EXECUTE.

save outfile="c:\hnp2a\Nepal 2011\np11assets.sav".

```