

DATA LIST FILE='c:\hnp2\armenia00\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	
SH29	64-69	
SH30	70-75	
SH35A	76-76	
SH35B	77-77	
SH36	78-78	
SH37	79-79	
HV024	80-81	
HV025	82-82	
HV026	83-83	
DOMESTIC	84-84	
OWNLAND	85-85	

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 -NA"
 /HV217 "Relationship structure"
 /HV218 "Line number of head of household"
 /HV219 "Sex of head of household"
 /HV220 "Age of head of household"
 /HV221 "Has telephone"
 /HV225 "Share toilet with other households"
 /HV226 "Type of cooking fuel"
 /HV227 "Have bednet for sleeping -NA"
 /HV228 "Children under 5 slept unde-NA"
 /HV230 "Place for hand washing"
 /HV231 "Items present: Water, tap"
 /HV232 "Items present: Soap/other cleansing agent"
 /HV233 "Items present: Basin"
 /HV234 "Test salt for Iodine"
 /SH29 "Amount of drams spent on household expenditures"
 /SH30 "Amount of drams spent on food"
 /SH35A "Place of salt storage"
 /SH35B "Knows iodized salt as a preventive remedy"
 /SH36 "Dacha"
 /SH37 "Animals"
 /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)
 /HV214 (99)
 /HV215 (99)
 /HV219 (9)

/HV220 (99)
 /HV221 (9)
 /HV225 (9)
 /HV226 (99)
 /HV227 (9)
 /HV228 (9)
 /HV230 (9)
 /HV231 (9)
 /HV232 (9)
 /HV233 (9)
 /HV234 (999)
 /SH29 (999999)
 /SH30 (999999)
 /SH35A (9)
 /SH35B (9)
 /SH36 (9)
 /SH37 (9)
 /HV026 (9)

.
 VALUE LABELS

HV201
 10 "PIPED WATER"
 11 "Piped into residence"
 12 "Piped into yard/plot"
 13 "Public tap"
 20 "OPEN WELL WATER"
 21 "Open well in residence"
 22 "Open well in yard/plot"
 23 "Open public well"
 30 "COVERED WELL/BOREHOLE"
 31 "Protected well in dwelling"
 32 "Protected well in yard/plot"
 33 "Protect public well"
 40 "SURFACE WATER"
 41 "Spring"
 42 "River/stream"
 43 "Pond/lake"
 44 "Dam"
 51 "Rainwater"
 61 "Tanker truck"
 71 "Bottled water"
 96 "Other"
 /HV204
 996 "On premises"
 /HV205
 10 "FLUSH TOILET"
 11 "Own flush toilet"
 20 "PIT TOILET LATRINE"
 21 "Trad. pit toilet"
 22 "Latrine"
 30 "NO FACILITY"
 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, sand"
 20 "RUDIMENTARY"
 21 "Wood planks"
 30 "FINISHED"
 31 "Parquet, polished wood"
 32 "Lynoleum"
 34 "Cement "
 35 "Carpet "
 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 "Liquid gas"
 4 "Kerosene"
 5 "Coal, lignite"
 6 "Charcoal"
 7 "Firewood, straw"
 8 "Tezek (dung)"
 96 "Other"
 /HV230
 0 "Nowhere"
 1 "In dwelling/yard/plot"
 2 "Somewhere else"
 /HV231
 0 "No"
 1 "Yes"
 /HV232
 0 "No"
 1 "Yes"
 /HV233
 0 "No"
 1 "Yes"
 /HV234
 0 "0 PPM (No Iodine)"
 7 "7 PPM"
 15 "15 PPM"
 94 "Salt not tested"
 95 "No salt in household"
 /SH35A
 1 "Closed packages/away from cooking place/in dark place"
 2 "Open packages/close to cooking place/in the light"
 /SH35B
 0 "No"
 1 "Yes"
 /SH36
 0 "No"
 1 "Yes"
 6 "Other"
 /SH37
 0 "No"
 1 "Yes"
 6 "Other"
 /HV024
 1 "Aragatsotn"
 2 "Ararat"
 3 "Armavir"
 4 "Gegharkunik"
 5 "Lori"
 6 "Kotayk"
 7 "Shirak"
 8 "Syunik"

```

    9 "Vayots Dzor"
    10 "Tavush"
    11 "Yerevan"
/HV025
    1 "Urban"
    2 "Rural"
/HV026
    0 "Capital, large city"
    1 "Small city"
    2 "Town"
    3 "Countryside"
/DOMESTIC
    0 "No domestic worker"
    1 "At least one domestic worker (female)"
/OWNLAND
    0 "Does not work own or family's agricultural land"
    1 "Works own or family's land"
.
* {Reset missing values to "does not have"} .
if (missing(hv206)) hv206=0.
if (missing(hv207)) hv207=0.
if (missing(hv208)) hv208=0.
if (missing(hv209)) hv209=0.
if (missing(hv210)) hv210=0.
if (missing(hv211)) hv211=0.
if (missing(hv212)) hv212=0.
if (missing(hv221)) hv221=0.
if (missing(hv225)) hv225=0.
IF (MISSING(SH36 OR SH36=6)) SH36=0.
IF (MISSING(SH37 OR SH37=6)) SH37=0.

* {Construct Variables} .

* {Drinking water supply} .
compute h2oires=0.
if (hv201=11) h2oires=1.
compute h2oores=0.
if (hv201=12) h2oores=1.
compute h2opiPUB=0.
if (hv201=13) h2opiPUB=1.
compute h2oOwres=0.
if (hv201=21) h2oOwres=1.
compute h2oOwyrd=0.
if (hv201=22) h2oOwyrd=1.
compute h2oOwpub=0.
if (hv201=23) h2oOwpub=1.
compute h2pwres=0.
if (hv201=31) h2pwres=1.
compute h2pwyrd=0.
if (hv201=32) h2pwyrd=1.
compute h2pwpub=0.

```

```

if (hv201=33) h2pwpub=1.
compute h2osurf=0.
if (hv201>=42 and hv201<=44) h2osurf=1.
compute h2ospng=0.
if (hv201=41) h2ospng=1.
compute h2orain=0.
if (hv201=51) h2orain=1.
compute h2otruck=0.
if (hv201=61) h2otruck=1.
compute h2obottl=0.
if (hv201=71) h2obottl=1.
compute h2ooth=0.
if (hv201=96) h2ooth=1.

```

VARIABLE LABELS

```

H2OIRES "if piped drinking water in residence"
/H2Oores "if uses water that is piped into yard/plot"
/H2OpipUB "if uses a public faucet (piped)"
/H2Oowres "if has an open well in residence"
/H2Oowyrd "if has an open well in yard/plot"
/H2Oowpub "if has an open public well"
/H2pwres "if uses covered well in residence for drinking water"
/H2pwyrd "if uses covered well in yard/plot for drinking water"
/H2pwpub "if uses public covered well for drinking water"
/H2OSURF "if uses river, canal or surface water for drinking"
/H2OSpng "if uses spring water for drinking"
/H2ORAIN "if rain for drinking water"
/H2OTRUCK "if gets drinking water from tanker truck"
/H2OBOTTL "if uses bottled water"
/H2OOTH "Other source of drinking water"
.

```

VALUE LABELS

```

H2OIRES 1 "piped drinking water in residence"
/H2Oores 1 "uses water that is piped into yard/plot"
/H2OpipUB 1 "uses a public faucet (piped)"
/H2Oowres 1 "has an open well in residence"
/H2Oowyrd 1 "has an open well in yard/plot"
/H2Oowpub 1 "has an open public well"
/H2pwres 1 "uses covered well in residence for drinking water"
/H2pwyrd 1 "uses covered well in yard/plot for drinking water"
/H2pwpub 1 "uses public covered well for drinking water"
/H2OSURF 1 "uses river, canal or surface water for drinking"
/H2OSpng 1 "uses spring water for drinking"
/H2ORAIN 1 "rain for drinking water"
/H2OTRUCK 1 "gets drinking water from tanker truck"
/H2OBOTTL 1 "uses bottled water"
/H2OOTH 1 "Other source of drinking water"
.

```

```

* {Toilet facility} .
compute flush=0.
if (hv205=11 & hv225=0) flush=1.

```

```

compute latpit=0.
if (hv205=21 & hv225=0) latpit=1.
compute latrine=0.
if (hv205=22 & hv225=0) latrine=1.
compute sflush=0.
if (hv205=11 & hv225=1) sflush=1.
compute slatpit=0.
if (hv205=21 & hv225=1) slatpit=1.
compute slatrine=0.
if (hv205=22 & hv225=1) slatrine=1.
compute latbush=0.
if (hv205=31) latbush=1.
compute latoth=0.
if (hv205=96) latoth=1.

```

VARIABLE LABELS

```

Flush      "if uses own flush toilet"
/LATPIT    "if uses a pit latrine"
/LATrine   "if uses a latrine"
/sFlush    "if uses a shared flush toilet"
/sLATPIT   "if uses a shared pit latrine"
/sLATrine  "if uses a shared latrine"
/LATBUSH   "if uses bush,field as latrine"
/LATOTH    "if other type of latrine"
.

```

VALUE LABELS

```

Flush      1 "uses own flush toilet"
/LATPIT    1 "uses a pit latrine"
/LATrine   1 "uses a latrine"
/sFlush    1 "uses shared flush toilet"
/sLATPIT   1 "uses a shared pit latrine"
/sLATrine  1 "uses a shared latrine"
/LATBUSH   1 "uses bush,field as latrine"
/LATOTH    1 "other type of latrine"
.

```

* {Flooring} .

```

compute dirtfloo=0.
if (hv213=11) dirtfloo=1.
compute woodfloo=0.
if (hv213=21) woodfloo=1.
compute centfloo=0.
if (hv213=34) centfloo=1.
compute parqfloo=0.
if (hv213=31) parqfloo=1.
compute vinlfloo=0.
if (hv213=32) vinlfloo=1.
compute centfloo=0.
if (hv213=34) centfloo=1.
compute rugfloo=0.
if (hv213=35) rugfloo=1.
compute othfloo=0.

```



```
if (hv213=96) othfloo=1.
```

```
VARIABLE LABELS
```

```
DIRTFLOO "if has dirt, sand, dung as principal floor in dwelling"  
/WOODFLOO "if has wood, plank principal floor in dwelling"  
/CEMTFLOO "if has cement principal floor"  
/PARQFLOO "if has parquet or polished wood floors"  
/VINLFLOO "if has linoleum as flooring material"  
/rugfloo "if has carpet for principal floor"  
/OTHFLOO "if has other type of flooring"
```

```
.
```

```
VALUE LABELS
```

```
DIRTFLOO 1 "has dirt, sand, dung as principal floor in dwelling"  
/WOODFLOO 1 "has wood, plank principal floor in dwelling"  
/CEMTFLOO 1 "has cement principal floor"  
/PARQFLOO 1 "has parquet or polished wood floors"  
/VINLFLOO 1 "has linoleum as flooring material"  
/rugfloo 1 "has carpet for principal floor"  
/OTHFLOO 1 "has other type of flooring"
```

```
.
```

```
* {Cooking fuel} .  
compute cookelec =0.  
if (hv226=1) cookelec =1.  
compute cookgas =0.  
if (hv226=2) cookgas =1.  
compute cooklgas =0.  
if (hv226=3) cooklgas =1.  
compute cookkero =0.  
if (hv226=4) cookkero =1.  
compute cookcoal =0.  
if (hv226=5) cookcoal =1.  
compute cookchar =0.  
if (hv226=6) cookchar =1.  
compute cookwood =0.  
if (hv226=7) cookwood =1.  
compute cookdung =0.  
if (hv226=8) cookdung =1.  
compute cookoth =0.  
if (hv226=96) cookoth =1.
```

```
VARIABLE LABELS
```

```
COOKWOOD "if uses wood as cooking fuel"  
/COOKDUNG "if uses dung, manure as cooking fuel"  
/COOKCOAL "if uses coal as cooking fuel"  
/COOKCHAR "if uses charcoal for cooking"  
/COOKKERO "if uses kerosene as cooking fuel"  
/COOKGAS "if uses gas as cooking fuel"  
/COOKlgas "if uses liquid gas as cooking fuel"  
/COOKELEC "if uses electricity as cooking fuel"  
/COOKOTH "if uses other cooking fuel"
```

.
VALUE LABELS

COOKWOOD 1 "uses wood as cooking fuel"
/COOKDUNG 1 "uses dung, manure as cooking fuel"
/COOKCOAL 1 "uses coal as cooking fuel"
/COOKCHAR 1 "uses charcoal for cooking"
/COOKKERO 1 "uses kerosene as cooking fuel"
/COOKGAS 1 "uses gas as cooking fuel"
/COOKlgas 1 "uses liquid gas as cooking fuel"
/COOKELEC 1 "uses electricity as cooking fuel"
/COOKOTH 1 "uses other cooking fuel"

.
execute.

FACTOR

/VARIABLES hv206 hv207 hv208 hv209 hv210 hv211 hv212 hv221 sh36
sh37
ownland h2oires h2oores h2opipub h2oowres h2oowyrd h2oowpub
h2pwres h2pwyrd
h2pwpub h2osurf h2ospng h2orain h2otruck h2ooth flush latpit
latrine sflush
slatpit slatrine latbush latoth dirtfloo woodfloo cemtfloo
parqfloo vinlfloo
rugfloo othfloo cookelec cookgas cooklgas cookkero cookchar
cookwood
cookdung cookoth /MISSING MEANSUB /ANALYSIS hv206 hv207 hv208
hv209 hv210
hv211 hv212 hv221 ownland h2oires h2oores h2opipub h2oowres
h2oowyrd h2oowpub h2pwres h2pwyrd h2pwpub h2osurf h2ospng
h2orain h2otruck
h2ooth flush latpit latrine sflush slatpit slatrine latbush
latoth dirtfloo
woodfloo cemtfloo parqfloo vinlfloo rugfloo othfloo cookelec
cookgas
cooklgas cookkero cookchar cookwood cookdung cookoth
/PRINT UNIVARIATE INITIAL EXTRACTION FSCORE
/CRITERIA FACTORS(1) ITERATE(25)
/EXTRACTION PC
/ROTATION NOROTATE
/SAVE REG(ALL)
/METHOD=CORRELATION .

save outfile="c:\hnp2\armenia00\assets.sav".

COMPUTE hhmemwt = hv005/1000000 * hv012 .
VARIABLE LABELS hhmemwt 'HH members weighting for Index' .

WEIGHT

BY hhmemwt .
FREQUENCIES

```
VARIABLES=fac1_1 /FORMAT=NOTABLE
/NTILES= 5
/STATISTICS=STDDEV MINIMUM MAXIMUM MEAN MEDIAN /ORDER ANALYSIS .
```

```
RANK
```

```
VARIABLES = fac1_1
/NTILES(5) INTO wlthind5
/PRINT = NO
/TIES = MEAN .
VARIABLE LABELS wlthind5 'Wealth Index Quintiles'.
VALUE LABELS
  wlthind5 1 "Lowest" 2 "Second" 3 "Middle" 4 "Fourth" 5
  "Highest".
```

```
weight off.
```

```
do if (missing(wlthind5)).
recode fac1_1 (lo thru -0.998985261942209=1)(-0.998985261942209
thru -0.2686729429109986=2)
  (-0.2686729429109986 thru 0.5843850690852952=3)
(0.5843850690852952 thru 1.1640240381171376=4)
  (1.1640240381171376 thru hi=5) into wlthind5.
end if.
```

```
write outfile='c:\hnp2\armenia00\scores.dat' records=1 table
/hhid fac1_1 wlthind5.
execute.
```

```
MEANS
```

```
TABLES= hv206 hv207 hv208 hv209 hv210 hv211 hv212 hv221 sh36
sh37
  ownland h2oires h2oores h2opipub h2oowres h2oowyrd h2oowpub
h2pwres h2pwyrd
  h2pwpub h2osurf h2ospng h2orain h2otruck h2ooth flush latpit
latrine sflush
  slatpit slatrine latbush latoth dirtfloo woodfloo centfloo
parqfloo vinlfloo
  rugfloo othfloo cookelec cookgas cooklgas cookkero cookchar
cookwood
  cookdung cookoth
```

```
BY
```

```
  hv025 by wlthind5
  /CELLS MEAN .
```

```
WEIGHT
```

```
  OFF.
```

```
DESCRIPTIVES
```

```
VARIABLES= hv206 hv207 hv208 hv209 hv210 hv211 hv212 hv221 sh36
sh37
  ownland h2oires h2oores h2opipub h2oowres h2oowyrd h2oowpub
h2pwres h2pwyrd
```

```
h2pwpub h2osurf h2ospng h2orain h2otruck h2ooth flush latpit
latrine sflush
slatpit slatrine latbush latoth dirtfloo woodfloo cemtfloo
parqfloo vinlfloo
rugfloo othfloo cookelec cookgas cooklgas cookkero cookchar
cookwood
cookdung cookoth
/STATISTICS=MEAN STDDEV MIN MAX .
```

```
save outfile="c:\hnp2\armenia00\assets.sav".
```

```
FREQUENCIES
```

```
VARIABLES=fac1_1 /FORMAT=NOTABLE
/STATISTICS=STDDEV MEAN MEDIAN SKEWNESS SESKEW KURTOSIS SEKURT
/HISTOGRAM NORMAL
/ORDER= ANALYSIS .
```