

```

DATA LIST FILE='c:\hnp2\gabon00\ASSETS.DAT' RECORDS=1
/
HHID      1-12    (A)
HV005     13-20
HV012     21-22
HV013     23-24
HV201     25-26
HV202     27-28
HV203     29-29
HV204     30-32
HV205     33-34
HV206     35-35
HV207     36-36
HV208     37-37
HV209     38-38
HV210     39-39
HV211     40-40
HV212     41-41
HV213     42-43
HV214     44-45
HV215     46-47
HV216     48-49
HV217     50-50
HV218     51-52
HV219     53-53
HV220     54-55
HV221     56-56
HV222     57-58
SHSTRUCT   59-61
SHNUMBER   62-63
SHPROV     64-65
SHDEPT     66-67
SHSUPERV   68-70
SHFEDIT    71-73
SH19       74-74
SH20       75-75
SH21       76-76
SH22D      77-77
SH23       78-79
SH24D      80-80
SH24E      81-81
SH29       82-82
HV024     83-84
HV025     85-85
HV026     86-86
DOMESTIC   87-87
OWNLAND    88-88

.
VARIABLE LABELS
  HHID      "Case Identification"
/HV005     "Sample weight"
/HV012     "Number of de jure members"

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/HV013      "Number of de facto members"
/HV201      "Source of drinking water"
/HV202      "Source of non-drinking wate-NA"
/HV203      "Same source of water          -NA"
/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"
/HV212      "Has car"
/HV213      "Main floor material"
/HV214      "Main wall material"
/HV215      "Main roof material"
/HV216      "Rooms for sleeping"
/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"
/HV222      "Type of salt used for cooking"
/SHSTRUCT   "Structure number"
/SHNUMBER   "Household number within a structure"
/SHPROV     "Province"
/SHDEPT     "Departement"
/SHSUPERV   "Supervisor code"
/SHFEDIT    "Field editor code"
/SH19       "Distance between house and toilets"
/SH20       "Latrine depth"
/SH21       "Toilets shared with others"
/SH22D      "Has video"
/SH23       "Fuel used in the household"
/SH24D      "Boat without engine"
/SH24E      "Powered boat"
/SH29       "Salt test result"
/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)
  /HV202     (99)
  /HV203     (9)
  /HV204     (999)
  /HV205     (99)
  /HV206     (9)
  /HV207     (9)
  /HV208     (9)

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/HV209      ( 9 )
/HV210      ( 9 )
/HV211      ( 9 )
/HV212      ( 9 )
/HV213      ( 99 )
/HV214      ( 99 )
/HV215      ( 99 )
/HV216      ( 99 )
/HV219      ( 9 )
/HV220      ( 99 )
/HV221      ( 9 )
/HV222      ( 99 )
/SHSUPERV   ( 999 )
/SHFEDIT    ( 999 )
/SH19       ( 9 )
/SH20       ( 9 )
/SH21       ( 9 )
/SH22D      ( 9 )
/SH23       ( 99 )
/SH24D      ( 9 )
/SH24E      ( 9 )
/SH29       ( 9 )
/HV026      ( 9 )

.

VALUE LABELS
HV201
 10 "PIPED WATER"
 11 "Piped into residence/yard/plot"
 12 "Public tap"
 20 "WELL WATER"
 21 "Protected well in yard/plot"
 22 "Public protected well"
 23 "Open well in yard/plot"
 24 "Public open well"
 30 "SURFACE WATER"
 31 "Spring"
 32 "River/stream"
 33 "Pond/lake"
 41 "Rainwater"
 51 "Tanker truck"
 61 "Bottled water"
 96 "Other"
/HV204
 996 "On premises"
/HV205
 10 "FLUSH TOILET"
 11 "Modern flush toilets"
 20 "LATRINE"
 21 "Ventilated improved pit (VIP) Latrines"
 22 "Traditional pit toilet"
 30 "NO FACILITY"
 31 "No toilet/nature"

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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 "Sand, soil, mud floor"
20 "RUDIMENTARY"
21 "Wood planks"
30 "FINISHED"
31 "Parquet or wooden floor"
32 "Tiled floor"
33 "Lino, Gerflex"
34 "Cement, concrete"
96 "OTHER"
/HV214
10 "NATURAL"
11 "Bark/straw/branch/bamboo"
20 "RUDIMENTARY"
21 "Plastic/Carton/Used metal sheet"
30 "FINISHED"
31 "Corrugated iron sheet"
32 "Cob/daub/mud/clay"
33 "Wood/branches"
34 "Semihard/semifinished/other"
35 "Breeze blocks/parpens/stones/cement"
96 "OTHER"
/HV215
10 "NATURAL"
11 "Straw/branch/palm/leaf"
20 "RUDIMENTARY"
21 "Plastic/Carton/Used metal sheet"
30 "FINISHED"
31 "Corrugated iron sheet only"

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32 "Corrugated iron sheet + ceiling"
33 "Tiles/slates"
34 "Concrete"
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"
/HV222
0 "No salt available"
1 "Local salt"
2 "Pkgd salt-iodized"
3 "Pkgd salt-noniodized"
4 "Salt for animals"
5 "Loose salt"
96 "Other"
/SHPROV
1 "Estuaire"
2 "Haut-Ogoou,"
3 "Moyen-Ogoou,"
4 "Ngouni,"
5 "Nyanga"
6 "Ogoou,-Ivindo"
7 "Ogoou,-Lolo"
8 "Ogoou,-maritime"
9 "Woleu-Ntem"
10 "Libreville"
80 "Port-Gentil"
/SHDEPT
10 "Libreville"
11 "Komo-Mondah"
12 "Komo"
13 "Noya"
20 "Mpassa"
21 "Lebombi Leyou (Moanda+Mounana)"
22 "Lekoko (bakoumba)"
23 "Ogoou,-L,tili (Boumango)"
24 "Djouori-Agnili (Bongoville)"
25 "Les Plateaux (L,koni)"
26 "Djou, (Onga)"

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27 "L,koni-L,kori (Aki,ni)"
28 "S,b,-Brikolo (Okondja)"
29 "L,kabi-L,wolo (Ngouoni)"
31 "Ogoou, et Lacs (Lambar,n,)"
32 "Abanga Bin, (Ndjol,)"
41 "Douya-Onoy, (Mouila)"
42 "Tsamba Mangotsi (Fougamou)"
43 "Ndolou (Mandji)"
44 "Mougalaba (Gu,tsou)"
45 "Dola (Ndend,)"
46 "Louetsi-Wano (L,bamba)"
47 "Louetsi-Bikaka (Malinga)"
48 "Boumi-Louetsi (Mbigou)"
49 "Ogoulo (Mimongo)"
51 "Mogoutsi (Tchibanga)"
52 "Basse-Banio (Mayumba)"
53 "Haute-Banio (Ndindi)"
54 "Douigny (Moabi)"
55 "Doutsila (Mabanda)"
61 "Ivindo (Makokou)"
62 "Zadi, (M,kambo)"
63 "Mvoung (Ovan)"
64 "Lop, (Boou,)"
71 "Lolo-Bouenguidi (Koulamoutou)"
72 "Lombo-Bouenguidi (Pana)"
73 "Offou,-Onoye (Iboundji)"
74 "Mouloundou (Lastourville)"
80 "Port-Gentil"
81 "Bendje (hors Port-Gentil)"
82 " timbou, (Ombou,)"
83 "Ndougou (Gamba)"
91 "Woleu (Oyem)"
92 "Ntem (Bitam)"
93 "Okano (Mitzic)"
94 "Haut-Como (M,douneu)"

/SH19
    1 "Less than 6 meters"
    2 "More tan 6 meters"

/SH20
    1 "Less than 3 meters"
    2 "More than 3 meters"
    8 "DK"

/SH21
    0 "No"
    1 "Yes"

/SH22D
    0 "No"
    1 "Yes"

/SH23
    1 "Electricity"
    2 "Gas cylinder/Butane cylinder"
    3 "Oil/kerosene"

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        4 "Coal/charcoal"
        5 "Wood/straw"
        96 "Other"
/SH24D
        0 "No"
        1 "Yes"
/SH24E
        0 "No"
        1 "Yes"
/SH29
        1 "Positive / iodized salt"
        2 "Negative / non-iodized salt"
        3 "Undetermined"
        4 "No salt available"
/HV024
        1 "Big cities"
        2 "North (Ogoou,-Ivindo & Woleu-Ntem)"
        3 "East (Haut-Ogoou, & Ogoou,-Lolo)"
        4 "West (Estuaire, Moyen-Ogoou, & Ogoou,-maritime)"
        5 "South (Ngouni,, Nyanga)"
/HV025
        1 "Urban"
        2 "Rural"
/HV026
        1 "Capital, large city"
        2 "Other cities, towns"
        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(sh22d)) sh22d=0.
if (missing(sh24d)) sh24d=0.
if (missing(sh24e)) sh24e=0.

* {Construct Variables} .

* {Members per sleeping room} .
if (hv012=0) hv012=hv013.

```

```
if (hv216>0) memsleep=trunc(hv012/hv216).
if (hv216=0) memsleep=hv012.
if (memsleep>=98) memsleep=98.
```

VARIABLE LABELS

MEMSLEEP "Number of members per sleeping room"

.

```
* {Drinking water supply} .
compute h2oires=0.
if (hv201=11) h2oires=1.
compute h2opiPUB=0.
if (hv201=12) h2opiPUB=1.
compute h2obwell=0.
if (hv201=21) h2obwell=1.
compute h2pbwell=0.
if (hv201=22) h2pbwell=1.
compute h2oOwell=0.
if (hv201=23) h2oOwell=1.
compute h2powell=0.
if (hv201=24) h2powell=1.
compute h2osurf=0.
if (hv201>=32 and hv201<=33) h2osurf=1.
compute h2ospng=0.
if (hv201=31) h2ospng=1.
compute h2orain=0.
if (hv201=41) h2orain=1.
compute h2otruck=0.
if (hv201=51) h2otruck=1.
compute h2obottl=0.
if (hv201=61) h2obottl=1.
compute h2ooth=0.
if (hv201=96) h2ooth=1.
```

VARIABLE LABELS

H2OIREs "if piped drinking water in residence"
/H2OpIPIUB "if uses a public faucet (piped)"
/H2ObWELL "if has a covered well in residence"
/H2PbWELL "if uses a covered public well"
/H2OoWELL "if has a open well in residence"
/H2poWELL "if uses an open public well"
/H2OSURF "if uses river, canal or surface water for drinking"
/H2ORAIN "if rain for drinking water"
/H2OsPng "if gets drinking water from a spring"
/H2OTRUCK "if gets drinking water from tanker truck"
/H2OBOTTl "if uses bottled water"
/H2OOTh "Other source of drinking water"

.

VALUE LABELS

H2OIREs 1 "if piped drinking water in residence"
/H2OpIPIUB 1 "if uses a public faucet (piped)"
/H2ObWELL 1 "if has a covered well in residence"

```

/H2pbWELL 1 "if uses a covered public well"
/H2OoWELL 1 "if has a open well in residence"
/H2poWELL 1 "if uses an open public well"
/H2OSURF 1 "if uses river, canal or surface water for drinking"
/H2ORAIN 1 "if rain for drinking water"
/H2Ospng 1 "if gets drinking water from a spring"
/H2OTRUCK 1 "if gets drinking water from tanker truck"
/H2OBOTTL 1 "if uses bottled water"
/H2OOTH    1 "Other source of drinking water"
.

* {Toilet facility} .
compute flush=0.
if (hv205=11 & sh21=0)  flush=1.
compute latvip=0.
if (hv205=21 & sh21=0) latvip=1.
compute latpit=0.
if (hv205=22 & sh21=0) latpit=1.
compute sflush=0.
if (hv205=11 & sh21=1)  sflush=1.
compute slatvip=0.
if (hv205=21 & sh21=1) slatvip=1.
compute slatpit=0.
if (hv205=22 & sh21=1) slatpit=1.
compute latbush=0.
if (hv205=31) latbush=1.
compute latoth=0.
if (hv205=96) latoth=1.

VARIABLE LABELS
Flush      "if uses a flush toilet"
/LATPIT    "if uses a pit latrine"
/LATVIP    "if uses a VIP latrine"
/sFlush    "if uses a shared flush toilet"
/sLATPIT   "if uses a shared pit latrine"
/sLATVIP   "if uses a shared VIP latrine"
/LATBUSH   "if uses bush,field as latrine"
/LATOTH    "if other type of latrine"
.

VALUE LABELS
Flush  1 "if uses a flush toilet"
/LATPIT 1 "if uses a pit latrine"
/LATVIP 1 "if uses a VIP latrine"
/sFlush 1 "if uses a shared flush toilet"
/sLATPIT 1 "if uses a shared pit latrine"
/sLATVIP 1 "if uses a shared VIP latrine"
/LATBUSH 1 "if uses bush,field as latrine"
/LATOTH  1 "if other type of latrine"
.

* {Flooring} .

```

```

compute dirtfloo=0.
if (hv213=11) dirtfloo=1.
compute woodfloo=0.
if (hv213=21) woodfloo=1.
compute parqfloo=0.
if (hv213=31) parqfloo=1.
compute tilefloo=0.
if (hv213=32) tilefloo=1.
compute linofloo=0.
if (hv213=33) linofloo=1.
compute cemtfloo=0.
if (hv213=34) cemtfloo=1.
compute parqfloo=0.
if (hv213=31) parqfloo=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"
/TILEFLOO "if has tiles for main flooring material"
/LINOFLOO "if has LINO, GEFLEX as flooring material"
/OTHFLOO "if has other type of flooring"

VALUE LABELS
DIRTFLOO 1 "if has dirt, sand, dung as principal floor in
dwelling"
/WOODFLOO 1 "if has wood, plank principal floor in dwelling"
/CEMTFLOO 1 "if has cement principal floor"
/PARQFLOO 1 "if has parquet or polished wood floors"
/TILEFLOO 1 "if has tiles for main flooring material"
/LINOFLOO 1 "if has LINO, GEFLEX as flooring material"
/OTHFLOO 1 "if has other type of flooring"

.

* {Walls} .
compute natwall =0.
if (hv214=11) natwall =1.
compute Rudwall =0.
if (hv214=21) Rudwall =1.
compute IRONwal=0.i
f (hv214=31 ) IRONwal=1.
compute MUDwall =0.
if (hv214=32) MUDwall =1.
compute woodwall =0.
if (hv214=33) woodwall =1.
compute unfwall =0.
if (hv214=34) unfwall =1.
compute cemtwall =0.
if (hv214=35) cemtwall =1.

```

```

compute othwall =0.
if (hv214=96) othwall =1.

VARIABLE LABELS
  NATWALL "if has cane, palm, trunks for walls"
  /RUDWALL "Walls from plastic/carton/used metal sheet"
  /WOODWALL "if has wood, BRANCHES for walls"
  /OTHWALL "if has other material for walls"
  /IRONWAL "Walls of CORRIGATED IRON SHEET"
  /MUDWALL "Walls from COB/DAUB/MUD/CLAY"
  /UNFWALL "Semihard/seminfinished walls"
  /CemtWALL "Walls from breeze blocks/parpens/stones/cement"
  .

VALUE LABELS
  NATWALL 1 "if has cane, palm, trunks for walls"
  /RUDWALL 1 "Walls from plastic/carton/used metal sheet"
  /WOODWALL 1 "if has wood, BRANCHES for walls"
  /OTHWALL 1 "if has other material for walls"
  /IRONWAL 1 "Walls of CORRIGATED IRON SHEET"
  /MUDWALL 1 "Walls from COB/DAUB/MUD/CLAY"
  /UNFWALL 1 "Semihard/seminfinished walls"
  /CemtWALL 1 "Walls from breeze blocks/parpens/stones/cement"
  .

* {Roofing} .
compute natroof =0.
if (hv215=11) natroof =1.
compute wastroof =0.
if (hv215=21) wastroof =1.
compute zincroof =0.
if (hv215=31) zincroof =1.
compute zin2roof =0.
if (hv215=32) zin2roof =1.
compute tilerroof =0.
if (hv215=33) tilerroof =1.
compute cemtroof =0.
if (hv215=34) cemtroof =1.
compute othroof =0.
if (hv215=96) othroof =1.

VARIABLE LABELS
  NATROOF "if has natural material roofing"
  /wastROOF "if has plastic/carton/used metal sheet roofing"
  /zincROOF "if has corrugated iron sheet roofing"
  /zin2ROOF "if has corrugated iron sheet + ceiling roofing"
  /CEMTROOF "if roof from concrete"
  /TILEROOF "if has ceramic/slate tiles for roof"
  /OTHROOF "if has other roofing"
  .

VALUE LABELS
  NATROOF 1 "if has natural material roofing"
  /wastROOF 1 "if has plastic/carton/used metal sheet roofing"

```

```

/zincROOF 1 "if has corrugated iron sheet roofing"
/zin2ROOF 1 "if has corrugated iron sheet + ceiling roofing"
/CEMTROOF 1 "if roof from concrete"
/TILEROOF 1 "if has ceramic/slate tiles for roof"
/OTHROOF 1 "if has other roofing"
.

* {Cooking fuel} .
compute cookelec =0.
if (sh23=1) cookelec =1.
compute cookgas =0.
if (sh23=2) cookgas =1.
compute cookkero =0.
if (sh23=3) cookkero =1.
compute cookcoal =0.
if (sh23=4) cookcoal =1.
compute cookwood =0.
if (sh23=5) cookwood =1.
compute cookoth =0.
if (sh23=96) cookoth =1.

VARIABLE LABELS
  COOKWOOD "if uses wood/straw as cooking fuel"
  /COOKCOAL "if uses coal/charcoal as cooking fuel"
  /COOKKERO "if uses oil/kerosene as cooking fuel"
  /COOKGAS "if uses gas as cooking fuel"
  /COOKELEC "if uses electricity as cooking fuel"
  /COOKOTH "if uses other cooking fuel"
.

VALUE LABELS
  COOKWOOD 1 "if uses wood/straw as cooking fuel"
  /COOKCOAL 1 "if uses coal/charcoal as cooking fuel"
  /COOKKERO 1 "if uses oil/kerosene as cooking fuel"
  /COOKGAS 1 "if uses gas as cooking fuel"
  /COOKELEC 1 "if uses electricity as cooking fuel"
  /COOKOTH 1 "if uses other cooking fuel"
.

execute.

FACTOR
  /VARIABLES hv206 hv207 hv208 hv209 hv210 hv211 hv212 hv221 sh19
  sh20 sh22d
    sh24d sh24e ownland memsleep h2oires h2opipub h2obwell h2pbwell
  h2oowell
    h2powell h2osurf h2ospng h2orain h2obottl h2ooth flush latvip
  latpit sflush
    slatvip slatpit latbush latoth dirtfloo woodfloo parqfloo
  tilefloo linofloo
    cemtfloo othfloo natwall rudwall mudwall woodwall unfwall
  cemtwall othwall
    natroof wastroof zincroof zin2roof tileroof cemtroof othroof

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```

cookelec
  cookgas cookkero cookcoal cookwood cookoth /MISSING MEANSUB
/ANALYSIS hv206
  hv207 hv208 hv209 hv210 hv211 hv212 hv221 sh19 sh20 sh22d sh24d
sh24e
  ownland memsleep h2oires h2opipub h2obwell h2pbwell h2oowell
h2powell
  h2osurf h2ospng h2orain h2obottl h2ooth flush latvip latpit
sflush slatvip
  slatpit latbush latoth dirtfloo woodfloo parqfloo tilefloo
linofloo cemtfloo
  othfloo natwall rudwall mudwall woodwall unfwall cemtwall
othwall natroof
  wastroof zincroof zin2roof tileroof cemtroof othroof cookelec
cookgas
  cookkero cookcoal cookwood cookoth
/PRINT UNIVARIATE INITIAL EXTRACTION FSSCORE
/CRITERIA FACTORS(1) ITERATE(25)
/EXTRACTION PC
/ROTATION NORotate
/SAVE REG(ALL)
/METHOD=CORRELATION .

save outfile="c:\hnp2\gabon00\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" .

write outfile='c:\hnp2\gabon00\scores.dat' records=1 table
/hhid fac1_1 wlthind5.
execute.

MEANS

```

```

      TABLES=hv206 hv207 hv208 hv209 hv210 hv211 hv212 hv221 sh19
sh20 sh22d
      sh24d sh24e ownland memsleep h2oires h2opipub h2obwell h2pbwell
h2oowell
      h2powell h2osurf h2ospng h2orain h2obottl h2ooth flush latvip
latpit sflush
      slatvip slatpit latbush latoth dirtfloo woodfloo parqfloo
tilefloo linofloo
      cemtfloo othfloo natwall rudwall mudwall woodwall unfwall
cemtwall othwall
      natroof wastroof zincroof zin2roof tileroof cemtroof othroof
cookelec
      cookgas cookkero cookcoal cookwood cookoth
BY
hv025 by wlthind5
/CELLS MEAN .

WEIGHT
OFF.

DESCRIPTIVES
      VARIABLES=hv206 hv207 hv208 hv209 hv210 hv211 hv212 hv221 sh19
sh20 sh22d
      sh24d sh24e ownland memsleep h2oires h2opipub h2obwell h2pbwell
h2oowell
      h2powell h2osurf h2ospng h2orain h2obottl h2ooth flush latvip
latpit sflush
      slatvip slatpit latbush latoth dirtfloo woodfloo parqfloo
tilefloo linofloo
      cemtfloo othfloo natwall rudwall mudwall woodwall unfwall
cemtwall othwall
      natroof wastroof zincroof zin2roof tileroof cemtroof othroof
cookelec
      cookgas cookkero cookcoal cookwood cookoth
/STATISTICS=MEAN STDDEV MIN MAX .

save outfile="c:\hnp2\gabon00\assets.sav".

```