

DATA LIST FILE='c:\hnp2\mali00\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	
SH28D	64-64	
SH28E	65-65	
SH28F	66-66	
SH28G	67-67	
SH28H	68-68	
SHCONCES	69-71	
SHCERCLE	72-72	
SH35	73-75	
HV024	76-76	
HV025	77-77	
HV026	78-78	
DOMESTIC	79-79	
OWNLAND	80-80	

VARIABLE LABELS

HHID	"Case Identification	-NA"
/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 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"  
 /HV231 "Items present: Water, tap"  
 /HV232 "Items present: Soap/other cleansing agent"  
 /HV233 "Items present: Basin"  
 /HV234 "Test salt for Iodine"  
 /SH28D "Deos hh have horse-drawn cart"  
 /SH28E "Does hh have plow"  
 /SH28F "Deos hh have horse"  
 /SH28G "Does hh have wheel barrow"  
 /SH28H "Does hh have donkey"  
 /SHCONCES "Concession"  
 /SHCERCLE "Cercle"  
 /SH35 "Level of iodine"  
 /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)  
 /HV219 (9)  
 /HV220 (99)  
 /HV221 (9)  
 /HV225 (9)  
 /HV226 (99)  
 /HV227 (9)  
 /HV228 (9)  
 /HV230 (9)  
 /HV231 (9)  
 /HV232 (9)  
 /HV233 (9)  
 /HV234 (999)  
 /SH28D (9)  
 /SH28E (9)  
 /SH28F (9)  
 /SH28G (9)  
 /SH28H (9)  
 /SH35 (999)  
 /HV026 (9)

VALUE LABELS

HV201  
   10 "PIPED WATER"  
   20 "OPEN WELL WATER"  
   30 "COVERED WELL/BOREHOLE"  
   40 "SURFACE WATER"  
   51 "Rainwater"  
   61 "Tanker truck"  
   71 "Bottled water"  
   96 "Other"  
 /HV204  
   996 "On premises"  
 /HV205  
   10 "FLUSH TOILET"  
   20 "PIT TOILET LATRINE"  
   30 "NO FACILITY"  
   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"  
 20 "RUDIMENTARY"  
 30 "FINISHED"  
 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"  
 /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"  
 30 "30 PPM"  
 994 "Salt not tested"  
 995 "No salt in household"  
 /SH28D  
 0 "No"  
 1 "Yes"  
 /SH28E  
 0 "No"  
 1 "Yes"  
 /SH28F  
 0 "No"  
 1 "Yes"  
 /SH28G  
 0 "No"  
 1 "Yes"  
 /SH28H  
 0 "No"  
 1 "Yes"  
 /SH35  
 1 "0 PPM (pas d'iode)"  
 2 "1-75 (iodure/alcalin)"  
 3 "1-25 ppm"  
 4 "26-50 ppm"  
 5 "51-75 ppm"  
 6 "76-100 ppm"  
 8 "Pas de sel"  
 /HV024  
 1 "Kayes"  
 2 "Koulikoro"  
 3 "Sikasso"  
 4 "Segou"  
 5 "Mopti"  
 6 "Tombouctou"  
 7 "Gao"  
 8 "Kidal"  
 9 "Bamako"  
 /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(sh28d)) sh28d=0.
if (missing(sh28e)) sh28e=0.
if (missing(sh28f)) sh28f=0.
if (missing(sh28g)) sh28g=0.
if (missing(sh28h)) sh28h=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 h2o01wel=0.
if (hv201=21) h2o01wel=1.
compute h2o02wel=0.
if (hv201=22) h2o02wel=1.
compute h2o03wel=0.
if (hv201=23) h2o03wel=1.
compute h2oblwel=0.
if (hv201=31) h2oblwel=1.
compute h2ob2wel=0.
if (hv201=32) h2ob2wel=1.
compute h2ob3wel=0.
if (hv201=33) h2ob3wel=1.

```

```

compute h2o2surf=0.
if (hv201=42) h2o2surf=1.
compute h2o3surf=0.
if (hv201=43) h2o3surf=1.
compute h2o4surf=0.
if (hv201=44) h2o4surf=1.
compute h2osprng=0.
if (hv201=41) h2osprng=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 the building"
/H2OpiPUB "if uses a public faucet (piped)"
/H2Oo1WEL "if has an open well 1"
/H2Oo2WEL "if has an open well 2"
/H2Oo3WEL "if has an open well 3"
/H2Ob1WEL "if uses covered well 1 for drinking water"
/H2Ob2WEL "if uses covered well 2 for drinking water"
/H2Ob3WEL "if uses covered well 3 for drinking water"
/H2O2SURF "if uses river, canal or surface water for drinking 2"
/H2O3SURF "if uses river, canal or surface water for drinking 3"
/H2O4SURF "if uses river, canal or surface water for drinking 4"
/H2Osprng "if spring for drinking water"
/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 "if piped drinking water in residence"
/H2Oores 1 "if uses water that is piped into the building"
/H2OpiPUB 1 "if uses a public faucet (piped)"
/H2Oo1WEL 1 "if has an open well 1"
/H2Oo2WEL 1 "if has an open well 2"
/H2Oo3WEL 1 "if has an open well 3"
/H2Ob1WEL 1 "if uses covered well 1 for drinking water"
/H2Ob2WEL 1 "if uses covered well 2 for drinking water"
/H2Ob3WEL 1 "if uses covered well 3 for drinking water"
/H2O2SURF 1 "if uses river, canal or surface water for drinking
2"
/H2O3SURF 1 "if uses river, canal or surface water for drinking

```

```

3"
/H2O4SURF 1 "if uses river, canal or surface water for drinking
4"
/H2Osprng 1 "if spring for drinking water"
/H2ORAIN 1 "if rain for drinking water"
/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 and hv225=0) flush=1.
compute latpit=0.
if (hv205=21 and hv225=0) latpit=1.
compute latvip=0.
if (hv205=22 and hv225=0) latvip=1.
compute sflush=0.
if (hv205=11 and hv225=1) sflush=1.
compute slatpit=0.
if (hv205=21 and hv225=1) slatpit=1.
compute slatvip=0.
if (hv205=22 and hv225=1) slatvip=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 in residence/private"
/LATPIT "if uses a pit latrine"
/LATVIP "if uses a ventilated improved pit latrine"
/sFlush "if uses a shared flush toilet in residence/private"
/sLATPIT "if uses a shared pit latrine"
/sLATVIP "if uses a shared ventilated improved pit latrine"
/LATBUSH "if uses bush,field as latrine"
/LATOTH "if other type of latrine"
.

```

#### VALUE LABELS

```

Flush 1 "if uses a flush toilet in residence/private"
/LATPIT 1 "if uses a pit latrine"
/LATVIP 1 "if uses a ventilated improved pit latrine"
/sFlush 1 "if uses a shared flush toilet in residence/private"
/sLATPIT 1 "if uses a shared pit latrine"
/sLATVIP 1 "if uses a shared ventilated improved pit latrine"
/LATBUSH 1 "if uses bush,field as latrine"
/LATOTH 1 "if other type of latrine"
.

```

```

* {Flooring} .
compute dirtfloo=0.
if (hv213=11 or hv213=12) dirtfloo=1.

```



```

compute woodfloo=0.
if (hv213=21) woodfloo=1.
compute tilefloo=0.
if (hv213=31) tilefloo=1.
compute cemtfloo=0.
if (hv213=32) cemtfloo=1.
compute parqfloo=0.
if (hv213=33) parqfloo=1.
compute vinlfloo=0.
if (hv213=34) vinlfloo=1.
compute brckfloo=0.
if (hv213=35) brckfloo=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"
/VINLFLOO "if has vinyl or asphalt strips as flooring material"
/BRCKFLOO "if has bricks for principal floor"
/OTHFLOO "if has other type of flooring"
.

```

VALUE LABELS

```

DIRTFLOO
    0 "No dirt floor"
    1 "Dirt floor"
/WOODFLOO
    0 "No wood floor"
    1 "Wood floor"
/CEMTFLOO
    0 "No cement floor"
    1 "Has cement floor"
/PARQFLOO
    0 "No parquet floors"
    1 "Has parquet floors"
/TILEFLOO
    0 "No tile floor"
    1 "Has tile floor"
/VINLFLOO
    0 "No vinyl or asphalt strip floor"
    1 "Has vinyl or asphalt strip floor"
/OTHFLOO
    0 "No other type of flooring"
    1 "Has other type of flooring"
/BRCKFLOO
    0 "No brick flooring"
    1 "Has brick flooring"
.

```

```

* {Cooking fuel} .

```

```

compute cookelec =0.
if (hv226=1) cookelec =1.
compute cookgas =0.
if (hv226=2) cookgas =1.
compute cookbio =0.
if (hv226=3) cookbio =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 cooknone =0.
if (hv226=9) cooknone =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"
/COOKBIO "if uses biogas as cooking fuel"
/COOKELEC "if uses electricity as cooking fuel"
/COOKOTH "if uses other cooking fuel"
/COOKNONE "if (does not cook"

```

VALUE LABELS

```

COOKWOOD
    0 "Does not use wood as cooking fuel"
    1 "Uses wood as cooking fuel"
/COOKDUNG
    0 "Does not use dung, manure as cooking fuel"
    1 "Uses dung, manure as cooking fuel"
/COOKCOAL
    0 "Does not use coal as cooking fuel"
    1 "Uses coal as cooking fuel"
/COOKCHAR
    0 "No charcoal for cooking"
    1 "Cooks with charcoal"
/COOKKERO
    0 "Does not use kerosene as cooking fuel"
    1 "Uses kerosene as cooking fuel"
/COOKGAS
    0 "Does not use gas as cooking fuel"
    1 "Uses gas as cooking fuel"

```

```

/COOKBIO
  0 "No biogas for cooking"
  1 "Uses biogas for cooking"
/COOKELEC
  0 "Does not use electricity as cooking fuel"
  1 "Uses wood as electricity fuel"
/COOKOTH
  0 "Does not use other cooking fuel"
  1 "Uses other cooking fuel"
/COOKNONE
  0 "Does cook"
  1 "Does not cook"
.

execute.

FACTOR
/VARIABLES hv206 hv207 hv208 hv209 hv210 hv211 hv212 hv221
sh28d sh28e
sh28f sh28g sh28h domestic ownland h2oires h2oores h2opipub
h2oolwel
h2oo2wel h2oo3wel h2oblwel h2ob2wel h2ob3wel h2o2surf h2o3surf
h2o4surf
h2osprng h2otruck h2obottl h2ooth flush latpit latvip sflush
slatpit slatvip
latbush latoth dirtfloo woodfloo tilefloo cemtfloo parqfloo
vinlfloo
brckfloo othfloo cookelec cookgas cookbio cookkero cookcoal
cookchar
cookwood cookdung cookoth /MISSING MEANSUB /ANALYSIS hv206
hv207 hv208
hv209 hv210 hv211 hv212 hv221 sh28d sh28e sh28f sh28g sh28h
domestic ownland
h2oires h2oores h2opipub h2oolwel h2oo2wel h2oo3wel h2oblwel
h2ob2wel
h2ob3wel h2o2surf h2o3surf h2o4surf h2osprng h2otruck h2obottl
h2ooth flush
latpit latvip sflush slatpit slatvip latbush latoth dirtfloo
woodfloo
tilefloo cemtfloo parqfloo vinlfloo brckfloo othfloo cookelec
cookgas
cookbio cookkero cookcoal cookchar cookwood cookdung cookoth
/PRINT UNIVARIATE INITIAL EXTRACTION
/CRITERIA FACTORS(1) ITERATE(25)
/EXTRACTION PC
/ROTATION NOROTATE
/SAVE REG(ALL)
/METHOD=CORRELATION .

save outfile="c:\hnp2\mali00\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 -0.6434316436667351=1)(-0.6434316436667351
  thru -0.42950645045260794=2)
      (-0.42950645045260794 thru -0.180548694324944=3)(-
  0.180548694324944 thru 0.5387294457401093=4)
      (0.5387294457401093 thru hi=5) into
  wlthind5.
end if.

write outfile='c:\hnp2\mali01\scores.dat' records=1 table
/hhid fac1_1 wlthind5.
execute.

MEANS
  TABLES=hv206 hv207 hv208 hv209 hv210 hv211 hv212 hv221 sh28d
  sh28e
  sh28f sh28g sh28h domestic ownland h2oires h2oores h2opipub
  h2oolwel
  h2oo2wel h2oo3wel h2oblwel h2ob2wel h2ob3wel h2o2surf h2o3surf
  h2o4surf
  h2osprng h2otruck h2obottl h2ooth flush latpit latvip sflush
  slatpit slatvip
  latbush latoth dirtfloo woodfloo tilefloo cemtfloo parqfloo
  vinlfloo
  brckfloo othfloo cookelec cookgas cookbio cookkero cookcoal
  cookchar
  cookwood cookdung cookoth
BY
  hv025 by wlthind5

```

```
/CELLS MEAN .

WEIGHT
  OFF.

DESCRIPTIVES
  VARIABLES=hv206 hv207 hv208 hv209 hv210 hv211 hv212 hv221 sh28d
sh28e
  sh28f sh28g sh28h domestic ownland h2oires h2oores h2opipub
h2oolwel
  h2oo2wel h2oo3wel h2ob1wel h2ob2wel h2ob3wel h2o2surf h2o3surf
h2o4surf
  h2osprng h2otruck h2obottl h2ooth flush latpit latvip sflush
slatpit slatvip
  latbush latoth dirtfloo woodfloo tilefloo cementfloo parqfloo
vinlfloo
  brckfloo othfloo cookelec cookgas cookbio cookkero cookcoal
cookchar
  cookwood cookdung cookoth
/STATISTICS=MEAN STDDEV MIN MAX .

save outfile="c:\hnp2\mali01\assets.sav".
```