

DATA LIST FILE='c:\mad\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	
HV024	64-65	
HV025	66-66	
HV026	67-67	
DOMESTIC	68-68	
OWNLAND	69-69	
H2OIRES	70-70	
H2OPENW	71-71	
H2PROTW	72-72	
OWNFLUSH	73-73	
COOKELEC	74-74	
OWNDRPIT	75-75	
H2OSURF	76-76	
LATBUSH	77-77	
SHDRPIT	78-78	
DIRTFLOO	79-79	
H2OPENPW	80-80	
H2PROTPW	81-81	
OWNPIT	82-82	
SHPIT	83-83	

TILEFLOO	84-84
PALMFLOO	85-85
OWNVIP	86-86
VINFLOO	87-87
H2OYARD	88-88
PARQFLOO	89-89
CARPFLOO	90-90
WOODFLOO	91-91
COOKGAS	92-92
SHVIP	93-93
COOKCOAL	94-94
COOKCHAR	95-95
COOKWOOD	96-96
H2OPUB	97-97
DUNGFLOO	98-98
H2SPRING	99-99
SHFLUSH	100-100
CEMTFLOO	101-101

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"
/HV215	"Main roof material"
/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"
/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"
 /H2OIRES "If piped drinking water in residence"
 /H2OPENW "If gets water from an open well"
 /H2PROTW "If gets water from a protected well"
 /OWNFLUSH "If uses own flush toilet"
 /COOKELEC "If uses electric for cooking fuel"
 /OWNDRPIT "If uses own drained pit latrine"
 /H2OSURF "If uses surface water for drinking"
 /LATBUSH "If uses bush,field as latrine"
 /SHDRPIT "If uses shared drained pit latrine"
 /DIRTFLOO "If has a dirt or sand floor"
 /H2OPENPW "If gets water from an open public well"
 /H2PROTPW "If gets water from a public protected well"
 /OWNPIT "If uses own pit latrine"
 /SHPIT "If uses a shared pit latrine"
 /TILEFLOO "If has floor of ceramic tile (includes parquet floor)"
 /PALMFLOO "If flooring is of palm or bamboo"
 /OWNVIP "If uses own vip latrine"
 /VINFLOO "If has vinyl flooring"
 /H2OYARD "If gets water from a tap in the yard"
 /PARQFLOO "If has parquet flooring"
 /CARPFLOO "If has carpet flooring"
 /WOODFLOO "If has wood flooring"
 /COOKGAS "If uses gas, biogas for cooking (15 cases kero)"
 /SHVIP "If uses a shared vip latrine"
 /COOKCOAL "If uses coal for cooking"
 /COOKCHAR "If walls are of galvanized iron/aluminum"
 /COOKWOOD "If uses wood for cooking (17 cases of dung)"
 /H2OPUB "If uses public tap water"
 /DUNGFLOO "If has dung flooring"
 /H2SPRING "If gets water from a spring"
 /SHFLUSH "If uses a shared flush toilet"
 /CEMTFLOO "If has cement flooring"

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)
 /HV026 (9)

VALUE LABELS

HV201
 10 "PIPED WATER"
 11 "Piped into dwelling"
 12 "Piped into yard/plot"
 13 "Public tap"
 20 "OPEN WELL WATER"
 21 "Open well in dwelling"
 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 "Protected 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 "Flush toilet"
 20 "PIT TOILET LATRINE"
 21 "Traditional pit toilet"
 22 "Ventilated improved pit latrine"
 23 "Pit latrine with drainage"
 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"
 12 "Dung"
 20 "RUDIMENTARY"
 21 "Wood planks"
 22 "Palm, bamboo"
 30 "FINISHED"
 31 "Parquet, polished wood"
 32 "Vinyl, linoleum"
 33 "Ceramic tiles"
 34 "Cement"
 35 "Carpet"
 96 "OTHER"
 /HV214
 10 "NATURAL"
 20 "RUDIMENTARY"
 30 "FINISHED"
 96 "OTHER"
 /HV215
 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"
 /HV024
 1 "Antananarivo"
 2 "Fianarantsoa"
 3 "Toamasina"
 4 "Mahajanga"
 5 "Toliary"

7 "Antsiranana"
 /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"
 /H2OIRES
 0 "No piped water in residence"
 1 "Has piped water in residence"
 /H2OPENW
 0 "No water from open well"
 1 "Gets water from an open well"
 /H2PROTW
 0 "No water from a protected well"
 1 "Gets water from a protected well"
 /OWNFLUSH
 0 "No own flush toilet"
 1 "Uses own flush toilet"
 /COOKELEC
 0 "No electric for cooking fuel"
 1 "Uses electric for cooking fuel"
 /OWNDRPIT
 0 "No own drained pit latrine"
 1 "Uses own drained pit latrine"
 /H2OSURF
 0 "No surface drinking water"
 1 "Uses surface water for drinking"
 /LATBUSH
 0 "Does not use bush,field as latrine"
 1 "Uses bush,field as latrine"
 /SHDRPIT
 0 "No shared drained pit latrine"
 1 "Uses shared drained pit latrine"
 /DIRTFLOO
 0 "No dirt or sand floor"
 1 "Has dirt or sand floor"
 /H2OPENPW
 0 "No water from an open public well"
 1 "Gets water from an open public well"
 /H2PROTPW
 0 "No water from a public protected well"
 1 "Gets water from a public protected well"
 /OWNPIT

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    0 "Does not use own pit latrine"
    1 "Uses own pit latrine"
/SHPIT
    0 "No shared pit latrine"
    1 "Uses a shared pit latrine"
/TILEFLOO
    0 "No ceramic tile floor"
    1 "Has ceramic tile floor"
/PALMFLOO
    0 "No palm/bamboo flooring"
    1 "Has palm/bamboo flooring"
/OWNVIP
    0 "No use of own vip latrine"
    1 "Uses own vip latrine"
/VINFLOO
    0 "No vinyl flooring"
    1 "Has vinyl flooring"
/H2OYARD
    0 "No water from tap in yard"
    1 "Gets water from a tap in the yard"
/PARQFLOO
    0 "No parquet flooring"
    1 "Has parquet flooring"
/CARPFLOO
    0 "Does not have carpet flooring"
    1 "Has carpet flooring"
/WOODFLOO
    0 "No wood flooring"
    1 "Has wood flooring"
/COOKGAS
    0 "Does not use gas for cooking"
    1 "Uses gas for cooking"
/SHVIP
    0 "No shared vip latrine"
    1 "Uses a shared vip latrine"
/COOKCOAL
    0 "Does not use coal for cooking"
    1 "Uses coal for cooking"
/COOKCHAR
    0 "Does not use charcoal for cooking"
    1 "Uses charcoal for cooking"
/COOKWOOD
    0 "Does not use wood, straw for cooking"
    1 "Uses wood, straw for cooking"
/H2OPUB
    0 "No public tap water"
    1 "Uses public tap water"
/DUNGFLOO
    0 "Flooring is not of dung"
    1 "Flooring is of dung"
/H2SPRING
    0 "Does not get water from spring"

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    1 "Gets water from spring"
/SHFLUSH
    0 "Does not use a shared flush toilet"
    1 "Uses a shared flush toilet"
/CEMTFLOO
    0 "Does not have cement flooring"
    1 "Has cement flooring"
.

FACTOR
/VARIABLES ownland h2oires h2openw h2protw ownflush cookelec
owndrpit
h2osurf latbush shdrpit dirtfloo h2openpw h2protpw ownpit shpit
tilefloo
palmfloo ownvip vinfloo h2oyard parqfloo carpfloo woodfloo
cookgas shvip
cookcoal cookchar cookwood h2opub dungfloo h2spring shflush
cemtfloo
/MISSING MEANSUB /ANALYSIS ownland h2oires h2openw h2protw
ownflush cookelec
owndrpit h2osurf latbush shdrpit dirtfloo h2openpw h2protpw
ownpit shpit
tilefloo palmfloo ownvip vinfloo h2oyard parqfloo carpfloo
woodfloo cookgas
shvip cookcoal cookchar cookwood h2opub dungfloo h2spring
shflush cemtfloo
/PRINT UNIVARIATE INITIAL EXTRACTION FSCORE
/CRITERIA FACTORS(1) ITERATE(25)
/EXTRACTION PC
/ROTATION NOROTATE
/SAVE REG(ALL)
/METHOD=CORRELATION .

save outfile="c:\mad\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 .

RECODE
fac1_1
(Lowest thru -1.318045519308=1) (-1.318045519308 thru
-1.000211215228=2) (-1.000211215228 thru
-0.6104506826164=3) (-0.6104506826164 thru 0.58349544193=4)
(0.58349544193 thru Highest=5) INTO

```

```

wlthind5 .
VARIABLE LABELS wlthind5 'Wealth Index Quintiles'.
EXECUTE .

write outfile="c:\mad\scores.dat" records=1 table
/hhid fac1_1 wlthind5.
execute.

write outfile="c:\mad\scores.sav" records=1 table
/hhid fac1_1 wlthind5.
execute.

MEANS
  TABLES=ownland h2oires h2openw h2protw ownflush cookelec
owndrpit
  h2osurf latbush shdrpit dirtfloo h2openpw h2protpw ownpit shpit
tilefloo
  palmfloo ownvip vinfloo h2oyard parqfloo carpfloo woodfloo
cookgas shvip
  cookcoal cookchar cookwood h2opub dungfloo h2spring shflush
centfloo
BY
  wlthind5
  /CELLS MEAN .

```