

DATA LIST FILE='ASSETS.DAT' RECORDS=1

/

HHID	1-12	(A)
HV005	13-20	
HV012	21-22	
HV013	23-24	
HV201	25-26	
HV202	27-28	
HV204	29-31	
HV205	32-33	
HV206	34-34	
HV207	35-35	
HV208	36-36	
HV209	37-37	
HV210	38-38	
HV211	39-39	
HV212	40-40	
HV213	41-42	
HV214	43-44	
HV215	45-46	
HV216	47-48	
HV217	49-49	
HV218	50-51	
HV219	52-52	
HV220	53-54	
HV221	55-55	
HV225	56-56	
HV226	57-58	
HV227	59-59	
HV228	60-60	
HV234	61-63	
HV235	64-64	
HV236	65-65	
HV237	66-66	
HV237A	67-67	
HV237B	68-68	
HV237C	69-69	
HV237D	70-70	
HV237E	71-71	
HV237F	72-72	
HV237G	73-73	
HV237H	74-74	
HV237I	75-75	
HV237J	76-76	
HV237K	77-77	
HV237X	78-78	
HV237Z	79-79	
HV238	80-81	
HV239	82-82	
HV240	83-83	
HV241	84-84	
HV242	85-85	

HV243A	86-86
HV243B	87-87
HV243C	88-88
HV243D	89-89
HV244	90-90
HV245	91-92
HV246	93-93
HV246A	94-95
HV246B	96-97
HV246C	98-99
HV246D	100-101
HV246E	102-103
HV246F	104-105
HV246G	106-107
HV246H	108-109
HV246I	110-111
HV246J	112-113
HV246K	114-115
HV247	116-116
HV248	117-118
HV249	119-119
HV250	120-121
HV251	122-123
HV270	124-124
HV271	125-132
HML1	133-134
HML1A	135-135
HML2	136-137
SHPROV	138-138
SHSYPH	139-139
SHLANGQ	140-141
SHSYPW	142-149
SH101	150-151
SH102	152-153
SH108A	154-154
SH108B	155-155
SH108CA	156-156
SH108CB	157-157
SH108CC	158-158
SH108CD	159-159
SH108CE	160-160
SH108CF	161-161
SH108CH	162-162
SH108CX	163-163
SH108D	164-164
SH111G	165-165
SH111H	166-166
SH111I	167-167
SH111J	168-168
SH111K	169-169
SH111L	170-170
SH111M	171-171

SH111N	172-172
SH111O	173-173
SH111P	174-174
SH111Q	175-175
SH111R	176-176
SH111S	177-177
SH111T	178-178
SH111U	179-179
SH121G	180-180
SH123	181-183
SH137A	184-184
SH137BA	185-185
SH137BB	186-186
SH137BC	187-187
SH137BD	188-188
SH137BX	189-189
SH201	190-191
HV024	192-193
HV025	194-194
HV026	195-195
DOMESTIC	196-196
OWNLAND	197-197

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"
/HV202	"Source of non-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"
/HV216	"Rooms used 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"
/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"

/HV234 "Test salt for Iodine"
 /HV235 "Location of source for water"
 /HV236 "Person fetching water"
 /HV237 "Anything done to water to make safe to drink"
 /HV237A "Water usually treated by: boil"
 /HV237B "Water usually treated by: add bleach/chlorine"
 /HV237C "Water usually treated by: strain through a cloth"
 /HV237D "Water usually treated by: use water filter"
 /HV237E "Water usually treated by: solar disinfection"
 /HV237F "Water usually treated by: let it stand and settle"
 /HV237G "Water usually treated by: CS"
 /HV237H "Water usually treated by: CS"
 /HV237I "Water usually treated by: CS"
 /HV237J "Water usually treated by: CS"
 /HV237K "Water usually treated by: CS"
 /HV237X "Water usually treated by: other"
 /HV237Z "Water usually treated by: don't know"
 /HV238 "Number of households sharing toilet"
 /HV239 "Food cooked on stove or open fire"
 /HV240 "Household has a chimney, hood or neither"
 /HV241 "Food cooked in the house / in separate building /
 outdoors"
 /HV242 "Household has separate room used as kitchen"
 /HV243A "Has a mobile telephone"
 /HV243B "Has a watch"
 /HV243C "Has an animal-drawn cart"
 /HV243D "Has a boat with a motor"
 /HV244 "Own land usable for agriculture"
 /HV245 "Hectares for agricultural land"
 /HV246 "Livestock, herds or farm animals"
 /HV246A "Cattle own"
 /HV246B "NA-Cows, bulls own"
 /HV246C "Horses, donkeys, mules own"
 /HV246D "Goats own"
 /HV246E "Sheep own"
 /HV246F "Chickens own"
 /HV246G "Dairy cattle own"
 /HV246H "Beef cattle own"
 /HV246I "Pigs own"
 /HV246J "Other poultry own"
 /HV246K "Other livestock own"
 /HV247 "Owns a bank account"
 /HV248 "Number of sick people 18-59"
 /HV249 "Member of the HH died last 12 months"
 /HV250 "Number of members who died last 12 months"
 /HV251 "Number of orphans and vulnerable children"
 /HV270 "Wealth index"
 /HV271 "Wealth index factor score (5 decimals)"
 /HML1 "Number of mosquito nets"
 /HML1A "Number of mosquito nets with specific information"
 /HML2 "Number of children under bednet previous night"
 /SHPROV "Province"

/SHSYPH "Eligible for syphilis testing"
 /SHLANGQ "Language of questionnaire"
 /SHSYPW "Household weight - syphilis subsample (6 decimals)"
 /SH101 "Source of drinking water"
 /SH102 "Source of non-drinking water"
 /SH108A "How do you store drinking water"
 /SH108B "Have you heard of Clorin"
 /SH108CA "Where seen/heard message about Clorin: radio"
 /SH108CB "Where seen/heard message about Clorin: television"
 /SH108CC "Where seen/heard message about Clorin: shop"
 /SH108CD "Where seen/heard message about Clorin:
 leaflets/booklets"
 /SH108CE "Where seen/heard message about Clorin: poster"
 /SH108CF "Where seen/heard message about Clorin: community-based
 agent "
 /SH108CH "Where seen/heard message about Clorin: health
 facility"
 /SH108CX "Where seen/heard message about Clorin: other"
 /SH108D "Is your household water currently treated with Clorin"
 /SH111G "Does household have bed"
 /SH111H "Does household have chair"
 /SH111I "Does household have table"
 /SH111J "Does household have cupboard"
 /SH111K "Does household have sofa"
 /SH111L "Does household have clock"
 /SH111M "Does household have fan"
 /SH111N "Does household have sewing machine"
 /SH111O "Does household have cassette player"
 /SH111P "Does household have plough"
 /SH111Q "Does household have grain grinder"
 /SH111R "Does household have vcr/dvd"
 /SH111S "Does household have tractor"
 /SH111T "Does household have vehicle"
 /SH111U "Does household have hammer mill"
 /SH121G "Does any household member own a banana boat"
 /SH123 "How much agricultural land owned by members of hh"
 /SH137A "Has house been sprayed for mosquitoes in last 12
 months"
 /SH137BA "Ministry of Health sprayed house for mosquitoes last
 12 mont"
 /SH137BB "Council sprayed house for mosquitoes in last 12
 months"
 /SH137BC "Mines sprayed house for mosquitoes in last 12 months"
 /SH137BD "Respondent sprayed house for mosquitoes in last 12
 months"
 /SH137BX "Other sprayed house for mosquitoes in last 12 months"
 /SH201 "Number of sick people in household age 18-59"
 /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"

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MISSING VALUE
HV201 (99)
/HV202 (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)
/HV216 (99)
/HV219 (9)
/HV220 (99)
/HV221 (9)
/HV225 (9)
/HV226 (99)
/HV227 (9)
/HV228 (9)
/HV234 (999)
/HV235 (9)
/HV236 (9)
/HV237 (9)
/HV237A (9)
/HV237B (9)
/HV237C (9)
/HV237D (9)
/HV237E (9)
/HV237F (9)
/HV237G (9)
/HV237H (9)
/HV237I (9)
/HV237J (9)
/HV237K (9)
/HV237X (9)
/HV237Z (9)
/HV238 (99)
/HV239 (9)
/HV240 (9)
/HV241 (9)
/HV242 (9)
/HV243A (9)
/HV243B (9)
/HV243C (9)
/HV243D (9)
/HV244 (9)
/HV245 (99)

/HV246 (9)
/HV246A (99)
/HV246B (99)
/HV246C (99)
/HV246D (99)
/HV246E (99)
/HV246F (99)
/HV246G (99)
/HV246H (99)
/HV246I (99)
/HV246J (99)
/HV246K (99)
/HV247 (9)
/HML1 (99)
/HML2 (99)
/SH101 (99)
/SH102 (99)
/SH108A (9)
/SH108B (9)
/SH108CA (9)
/SH108CB (9)
/SH108CC (9)
/SH108CD (9)
/SH108CE (9)
/SH108CF (9)
/SH108CH (9)
/SH108CX (9)
/SH108D (9)
/SH111G (9)
/SH111H (9)
/SH111I (9)
/SH111J (9)
/SH111K (9)
/SH111L (9)
/SH111M (9)
/SH111N (9)
/SH111O (9)
/SH111P (9)
/SH111Q (9)
/SH111R (9)
/SH111S (9)
/SH111T (9)
/SH111U (9)
/SH121G (9)
/SH123 (999)
/SH137A (9)
/SH137BA (9)
/SH137BB (9)
/SH137BC (9)
/SH137BD (9)
/SH137BX (9)
/HV026 (9)

VALUE LABELS

HV201

- 10 "PIPED WATER"
- 11 "Piped into dwelling"
- 12 "Piped to yard/plot"
- 13 "Public tap/standpipe"
- 20 "TUBE WELL WATER"
- 21 "Tube well or borehole"
- 30 "DUG WELL (OPEN/PROTECTED)"
- 31 "Protected well"
- 32 "Unprotected well"
- 40 "SURFACE WATER"
- 41 "Protected spring"
- 42 "Unprotected spring"
- 43 "River/dam/lake/ponds/stream/canal/irrigation channel"
- 51 "Rainwater"
- 61 "Tanker truck"
- 62 "Cart with small tank"
- 71 "Bottled water"
- 96 "Other"

/HV202

- 10 "PIPED WATER"
- 11 "Piped into dwelling"
- 12 "Piped to yard/plot"
- 13 "Public tap/standpipe"
- 20 "TUBE WELL WATER"
- 21 "Tube well or borehole"
- 30 "DUG WELL (OPEN/PROTECTED)"
- 31 "Protected well"
- 32 "Unprotected well"
- 40 "SURFACE WATER"
- 41 "Protected spring"
- 42 "Unprotected spring"
- 43 "River/dam/lake/ponds/stream/canal/irrigation channel"
- 51 "Rainwater"
- 61 "Tanker truck"
- 62 "Cart with small tank"
- 71 "Bottled water"
- 96 "Other"

/HV204

- 996 "On premises"
- 998 "Don't know"

/HV205

- 10 "FLUSH TOILET"
- 11 "Flush - to piped sewer system"
- 12 "Flush - to septic tank"
- 13 "Flush - to pit latrine"
- 14 "Flush - to somewhere else"
- 15 "Flush - don't know where"
- 20 "PIT TOILET LATRINE"
- 21 "Pit latrine - ventilated improved pit (VIP)"

22 "Pit latrine - with slab"
 23 "Pit latrine - without slab / open pit"
 30 "NO FACILITY"
 31 "No facility/bush/field"
 41 "Composting toilet"
 42 "Bucket toilet"
 43 "Hanging toilet/latrine"
 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/leeds"
 30 "FINISHED"
 31 "Parquet or polished wood"
 32 "Vinyl (PVC) or asphalt strips"
 33 "Ceramic/Terrazo tiles"
 34 "Concrete cement"
 35 "Carpet"
 96 "OTHER"
 /HV214
 10 "NATURAL"
 11 "No walls"
 12 "Cane / palm / trunks"
 13 "Mud"
 20 "RUDIMENTARY"
 21 "Bamboo / Pole with mud"
 22 "Stone with mud"
 23 "Plywood"

24 "Cardboard"
 25 "Reused wood"
 30 "FINISHED"
 31 "Cement"
 32 "Stone with lime / cement"
 33 "Bricks"
 34 "Cement blocks"
 35 "Wood planks / shingles"
 96 "OTHER"
 /HV215
 10 "NATURAL"
 11 "No roof"
 12 "Thatch / palm leaf"
 20 "RUDIMENTARY"
 21 "Rustic mat"
 22 "Palm / bamboo"
 23 "Wood planks"
 24 "Cardboard"
 30 "FINISHED"
 31 "Metal / Iron Sheets"
 32 "Wood"
 33 "Calamine / cement fiber (Asbestors)"
 34 "Ceramic tiles / Harvey tiles"
 35 "Cement"
 36 "Roofing shingles"
 37 "Mud tiles"
 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"
 3 "Natural gas"
 4 "Biogas"
 5 "Kerosene"

6 "Coal, lignite"
 7 "Charcoal"
 8 "Wood"
 9 "Straw / shrubs / grass"
 10 "Agricultural crop"
 11 "Animal dung"
 95 "No food cooked in HH"
 96 "Other"
 /HV227
 0 "No"
 1 "Yes"
 /HV228
 0 "No"
 1 "All children"
 2 "Some children"
 3 "No bednet in HH"
 /HV234
 0 "0 PPM (No Iodine)"
 7 "7 PPM"
 15 "15 PPM"
 30 "30 PPM"
 994 "Salt not tested"
 995 "No salt in household"
 /HV235
 1 "In own dwelling"
 2 "In own yard/plot"
 3 "Elsewhere"
 /HV236
 1 "Adult woman"
 2 "Adult man"
 3 "Female child under 15 years old"
 4 "Male child under 15 years old"
 6 "Other"
 /HV237
 0 "No"
 1 "Yes"
 8 "Don't know"
 /HV237A
 0 "No"
 1 "Yes"
 8 "Don't know"
 /HV237B
 0 "No"
 1 "Yes"
 8 "Don't know"
 /HV237C
 0 "No"
 1 "Yes"
 8 "Don't know"
 /HV237D
 0 "No"
 1 "Yes"

8 "Don't know"
 /HV237E
 0 "No"
 1 "Yes"
 8 "Don't know"
 /HV237F
 0 "No"
 1 "Yes"
 8 "Don't know"
 /HV237G
 0 "No"
 1 "Yes"
 8 "Don't know"
 /HV237H
 0 "No"
 1 "Yes"
 8 "Don't know"
 /HV237I
 0 "No"
 1 "Yes"
 8 "Don't know"
 /HV237J
 0 "No"
 1 "Yes"
 8 "Don't know"
 /HV237K
 0 "No"
 1 "Yes"
 8 "Don't know"
 /HV237X
 0 "No"
 1 "Yes"
 8 "Don't know"
 /HV237Z
 0 "No"
 1 "Yes"
 /HV238
 95 "10 or more households"
 98 "Don't know"
 /HV239
 1 "Open fire"
 2 "Open stove"
 3 "Closed stove with chimney"
 6 "Other"
 /HV240
 0 "Neither chimney or hood"
 1 "Chimney"
 2 "Hood"
 /HV241
 1 "In the house"
 2 "In a separate building"
 3 "Outdoors"

6 "Other"
/HV242
0 "No"
1 "Yes"
/HV243A
0 "No"
1 "Yes"
/HV243B
0 "No"
1 "Yes"
/HV243C
0 "No"
1 "Yes"
/HV243D
0 "No"
1 "Yes"
/HV244
0 "No"
1 "Yes"
/HV245
95 "More than 95"
98 "Unknown"
/HV246
0 "No"
1 "Yes"
/HV246A
0 "None"
95 "More than 95"
98 "Unknown"
/HV246B
0 "None"
95 "More than 95"
98 "Unknown"
/HV246C
0 "None"
95 "More than 95"
98 "Unknown"
/HV246D
0 "None"
95 "More than 95"
98 "Unknown"
/HV246E
0 "None"
95 "More than 95"
98 "Unknown"
/HV246F
0 "None"
95 "More than 95"
98 "Unknown"
/HV246G
0 "None"
95 "More than 95"

98 "Unknown"
 /HV246H
 0 "None"
 95 "More than 95"
 98 "Unknown"
 /HV246I
 0 "None"
 95 "More than 95"
 98 "Unknown"
 /HV246J
 0 "None"
 95 "More than 95"
 98 "Unknown"
 /HV246K
 0 "None"
 95 "More than 95"
 98 "Unknown"
 /HV247
 0 "No"
 1 "Yes"
 /HV249
 0 "No"
 1 "Yes"
 8 "DK"
 9 "Missing"
 /HV250
 8 "DK"
 /HV270
 1 "Poorest"
 2 "Poorer"
 3 "Middle"
 4 "Richer"
 5 "Richest"
 /HML1
 98 "Don't know"
 /SHPROV
 1 "Central"
 2 "Copperbelt"
 3 "Eastern"
 4 "Luapula"
 5 "Lusaka"
 6 "Northern"
 7 "Northwestern"
 8 "Southern"
 9 "Western"
 /SHSYPH
 1 "Yes"
 2 "No"
 /SHLANGQ
 1 "English"
 2 "Bemba"
 3 "Kaonde"

4 "Lozi"
 5 "Lunda"
 6 "Luvale"
 7 "Nyanja"
 8 "Tonga"
 9 "Other"
 /SH101
 11 "Piped - into dwelling"
 12 "Piped - into yard/plot"
 13 "Piped - communal tap"
 21 "Open well - in yard/plot"
 32 "Open well - public well/borehole"
 42 "Covered well - protected well/borehole in yard/plot"
 51 "Covered well - protected public well"
 71 "Surface water - spring"
 72 "Surface water - river/stream"
 73 "Surface water - pond/lake/dam"
 81 "Rainwater"
 91 "Tanker truck"
 92 "Cart with small tank"
 93 "Bottled water"
 96 "Other"
 /SH102
 11 "Piped - into dwelling"
 12 "Piped - into yard/plot"
 13 "Piped - communal tap"
 21 "Open well - in yard/plot"
 32 "Open well - public well/borehole"
 42 "Covered well - protected well/borehole in yard/plot"
 51 "Covered well - protected public well"
 71 "Surface water - spring"
 72 "Surface water - river/stream"
 73 "Surface water - pond/lake/dam"
 81 "Rainwater"
 91 "Tanker truck"
 92 "Cart with small tank"
 93 "Bottled water"
 96 "Other"
 /SH108A
 1 "Closed container/jerry can"
 2 "Open container/bucket"
 6 "Other"
 /SH108B
 0 "No"
 1 "Yes"
 /SH108CA
 0 "No"
 1 "Yes"
 /SH108CB
 0 "No"
 1 "Yes"
 /SH108CC

```
    0 "No"
    1 "Yes"
/SH108CD
    0 "No"
    1 "Yes"
/SH108CE
    0 "No"
    1 "Yes"
/SH108CF
    0 "No"
    1 "Yes"
/SH108CH
    0 "No"
    1 "Yes"
/SH108CX
    0 "No"
    1 "Yes"
/SH108D
    0 "No"
    1 "Yes"
/SH111G
    0 "No"
    1 "Yes"
/SH111H
    0 "No"
    1 "Yes"
/SH111I
    0 "No"
    1 "Yes"
/SH111J
    0 "No"
    1 "Yes"
/SH111K
    0 "No"
    1 "Yes"
/SH111L
    0 "No"
    1 "Yes"
/SH111M
    0 "No"
    1 "Yes"
/SH111N
    0 "No"
    1 "Yes"
/SH111O
    0 "No"
    1 "Yes"
/SH111P
    0 "No"
    1 "Yes"
/SH111Q
    0 "No"
```


1 "Yes"
 /SH111R
 0 "No"
 1 "Yes"
 /SH111S
 0 "No"
 1 "Yes"
 /SH111T
 0 "No"
 1 "Yes"
 /SH111U
 0 "No"
 1 "Yes"
 /SH121G
 0 "No"
 1 "Yes"
 /SH123
 995 "95 or more hectares"
 998 "Don't know"
 /SH137A
 0 "No"
 1 "Yes"
 /SH137BA
 0 "No"
 1 "Yes"
 /SH137BB
 0 "No"
 1 "Yes"
 /SH137BC
 0 "No"
 1 "Yes"
 /SH137BD
 0 "No"
 1 "Yes"
 /SH137BX
 0 "No"
 1 "Yes"
 /HV024
 1 "Central"
 2 "Copperbelt"
 3 "Eastern"
 4 "Luapula"
 5 "Lusaka"
 6 "Northern"
 7 "Northwestern"
 8 "Southern"
 9 "Western"
 /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"
.
*{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".
value labels memsleep 0 'Less than 1 per room'.

*{Drinking water supply}.
compute h2oires=0.
    if (hv201=11) h2oires=1.
    var labels h2oires "Piped into dwelling".
compute h2oyrdr=0.
    if (hv201=12) h2oyrdr=1.
    var labels h2oyrdr "Piped into yard/plot".
compute h2opub=0.
    if (hv201=13) h2opub=1.
    var labels h2opub "Public tap/standpipe".
compute h2otube=0.
    if (hv201=21) h2otube=1.
    var labels h2otube "Tube well/Borehole".
compute h2pbwell=0.
    if (hv201=31) h2pbwell=1.
    var labels h2pbwell "Protected well".
compute h2powell=0.
    if (hv201=32) h2powell=1.
    var labels h2powell "Unprotected well".
compute h2pspng=0.
    if (hv201=41) h2pspng=1.
    var labels h2pspng "Protected spring".
compute h2uspng=0.
    if (hv201=42) h2uspng=1.
    var labels h2uspng "Unprotected spring".
compute h2osurf=0.
    if (hv201=43) h2osurf=1.
    var labels h2osurf "Surface water-river, lake, etc.".
compute h2orain=0.
    if (hv201=51) h2orain=1.

```

```

    var labels h2orain "Water from rain".
compute h2otrk=0.
    if (hv201=61) h2otrk=1.
    var labels h2otrk "Tanker truck".
compute h2ocrt=0.
    if (hv201=62) h2ocrt=1.
    var labels h2ocrt "Cart with small tank".
compute h2obt1=0.
    if (hv201=71) h2obt1=1.
    var labels h2obt1 "Bottled water".
compute h2ooth=0.
    if (hv201=96) h2ooth=1.
    var labels h2ooth "Other water source".

*{Toilet facility}.
compute flush1=0.
    if (hv205=11) flush1=1.
    var labels flush1 "Flush toilet to public sewer".
compute flush2=0.
    if (hv205=12) flush2=1.
    var labels flush2 "Flush toilet to septic tank".
compute flush3=0.
    if (hv205=13) flush3=1.
    var labels flush3 "Flush toilet to pit latrine".
compute flush4=0.
    if (hv205=14) flush4=1.
    var labels flush4 "Flush toilet to somewhere else".
compute flush5=0.
    if (hv205=15) flush5=1.
    var labels flush5 "Flush toilet to unknown".
compute latvip=0.
    if (hv205=21) latvip=1.
    var labels latvip "Ventilated Improved Pit latrine".
compute latpit1=0.
    if (hv205=22) latpit1=1.
    var labels latpit1 "Slab pit latrine".
compute latpit2=0.
    if (hv205=23) latpit2=1.
    var labels latpit2 "No slab pit latrine".
compute latbush=0.
    if (hv205=31) latbush=1.
    var labels latbush "No facility/bush/field".
compute latcomp=0.
    if (hv205=41) latcomp=1.
    var labels latcomp "Composting toilet".
compute latpail=0.
    if (hv205=42) latpail=1.
    var labels latpail "Bucket toilet".
compute lathang=0.
    if (hv205=43) lathang=1.
    var labels lathang "Hanging toilet/latrine".
compute latoth=0.

```

```

if (hv205=96) latoth=1.
var labels latoth "Other type toilet/latrine".

compute flushshr=0.
  if (hv205>=11 and hv205<=15 and hv225=1) flushshr=1.
  var labels flushshr "Shared Flush toilet".
compute latvips=0.
  if (hv205=21 and hv225=1) latvips=1.
  var labels latvips "Shared VIP latrine".
compute latpit1s=0.
  if (hv205=22 and hv225=1) latpit1s=1.
  var labels latpit1s "Shared slab latrine".
compute latpit2s=0.
  if (hv205=23 and hv225=1) latpit2s=1.
  var labels latpit2s "Shared no slab latrine".
compute latoths=0.
  if (hv205>=41 and hv205<=96 and hv225=1) latoths=1.
  var labels latoths "Shared composting/bucket/hanging/other
toilet".

*{Flooring}.
compute dirtfloo=0.
  if (hv213=11 or hv213=12) dirtfloo=1.
  var labels dirtfloo "Dirt or dung floor".
compute woodfloo=0.
  if (hv213=21) woodfloo=1.
  var labels woodfloo "Rudimentary wood plank floor".
compute palmfloo=0.
  if (hv213=22) palmfloo=1.
  var labels palmfloo "Palm, bamboo, reeds floor".
compute prqfloo=0.
  if (hv213=31) prqfloo=1.
  var labels prqfloo "Parquet, polished wood floor".
compute vinfloo=0.
  if (hv213=32) vinfloo=1.
  var labels vinfloo "Vinyl, asphalt strip floor".
compute tilefloo=0.
  if (hv213=33) tilefloo=1.
  var labels tilefloo "Ceramic tile floor".
compute cementfloo=0.
  if (hv213=34) cementfloo=1.
  var labels cementfloo "Cement floor".
compute rugfloo=0.
  if (hv213=35) rugfloo=1.
  var labels rugfloo "Carpeted floor".
compute othfloo=0.
  if (hv213=96) othfloo=1.
  var labels othfloo "Other type of flooring".

```

```

*{Walls}.
compute nowall=0.
  if (hv214=11) nowall=1.
  var labels nowall "Dwelling has no walls".
compute canewall=0.
  if (hv214=12) canewall=1.
  var labels canewall "Cane/palm/trunks walls".
compute mudwall=0.
  if (hv214=13) mudwall=1.
  var labels mudwall "Dirt walls".
compute bmbmwall=0.
  if (hv214=21) bmbmwall=1.
  var labels bmbmwall "Bamboo/pole with mud walls".
compute stmwall=0.
  if (hv214=22) stmwall=1.
  var labels stmwall "Stone with mud walls".
compute plywall=0.
  if (hv214=23) plywall=1.
  var labels plywall "Plywood walls".
compute cardwall=0.
  if (hv214=24) cardwall=1.
  var labels cardwall "Cardboard walls".
compute rwwall=0.
  if (hv214=25) rwwall=1.
  var labels rwwall "Reused wood walls".
compute cmtwall=0.
  if (hv214=31) cmtwall=1.
  var labels cmtwall "Cement walls".
compute stcwall=0.
  if (hv214=32) stcwall=1.
  var labels stcwall "Stone/shells/concrete walls".
compute brkwall=0.
  if (hv214=33) brkwall=1.
  var labels brkwall "Brick walls".
compute cmtbwall=0.
  if (hv214=34) cmtbwall=1.
  var labels cmtbwall "Cement block walls".
compute shngwall=0.
  if (hv214=35) shngwall=1.
  var labels shngwall "Wood planks/shingles walls".
compute othwall=0.
  if (hv214=96) othwall=1.
  var labels othwall "Other type of walls".

```

```

*{Roofing}.
compute noroof=0.
  if (hv215=11) noroof=1.
  var labels noroof "Dwelling has no roof".
compute natroof=0.
  if (hv215=12) natroof=1.

```

```

    var labels natroof "Thatch/straw roof".
compute matroof=0.
    if (hv215=21) matroof=1.
    var labels matroof "Rustic mat roof".
compute palmroof=0.
    if (hv215=22) palmroof=1.
    var labels palmroof "Palm/bamboo roof".
compute plyroof=0.
    if (hv215=23) plyroof=1.
    var labels plyroof "Plywood roof".
compute crdbroof=0.
    if (hv215=24) crdbroof=1.
    var labels crdbroof "Cardboard roof".
compute mtlroof=0.
    if (hv215=31) mtlroof=1.
    var labels mtlroof "Metal roof".
compute woodroof=0.
    if (hv215=32) woodroof=1.
    var labels woodroof "Wood roof".
compute cmtfroof=0.
    if (hv215=33) cmtfroof=1.
    var labels cmtfroof "Calamine/cement fiber roof".
compute tileroof=0.
    if (hv215=34) tileroof=1.
    var labels tileroof "Ceramic tile roof".
compute cmtroof=0.
    if (hv215=35) cmtroof=1.
    var labels cmtroof "Cement roof".
compute shngroof=0.
    if (hv215=36) shngroof=1.
    var labels shngroof "Shingles roof".
compute tileroof=0.
    if (hv215=37) tileroof=1.
    var labels tileroof "Mud tiles roof".
compute othroof=0.
    if (hv215=96) othroof=1.
    var labels othroof "Other type of roof".

*{Cooking Fuel}.
compute cookelec=0.
    if (hv226=1) cookelec=1.
    var labels cookelec "Electricity for cooking".
compute cookgas=0.
    if (hv226=2 or hv226=3) cookgas=1.
    var labels cookgas "LPG, natural gas for cooking".
compute cookbio=0.
    if (hv226=4) cookbio=1.
    var labels cookbio "Biogas for cooking".
compute cookkero=0.
    if (hv226=5) cookkero=1.
    var labels cookkero "Kerosene for cooking".
compute cookcoal=0.

```

```

    if (hv226=6) cookcoal=1.
    var labels cookcoal "Coal, lignite for cooking".
compute cookchar=0.
    if (hv226=7) cookchar=1.
    var labels cookchar "Charcoal for cooking".
compute cookwood=0.
    if (hv226=8) cookwood=1.
    var labels cookwood "Wood, straw for cooking".
compute strwood=0.
    if (hv226=9) strwood=1.
    var labels strwood "Straw/shrubs/grass for cooking".
compute cookcrop=0.
    if (hv226=10) cookcrop=1.
    var labels cookcrop "Agricultural crops for fuel for cooking".
compute cookdung=0.
    if (hv226=11) cookdung=1.
    var labels cookdung "Dung for cooking".
compute cooknot=0.
    if (hv226=95) cooknot=1.
    var labels cooknot "Does not cook".
compute cookoth=0.
    if (hv226=96) cookoth=1.
    var labels cookoth "Other fuel for cooking".

* {Type of cooking structure}.
compute openfire=0.
    if (hv239=1) openfire=1.
    var labels openfire "Open fire".
compute openchim=0.
    if (hv239=2) openchim=1.
    var labels openchim "Open stove".
compute closchim=0.
    if (hv239=3) closchim=1.
    var labels closchim "Closed stove with chimney".
compute othfire=0.
    if (hv239=6) othfire=1.
    var labels othfire "Other type of cooking appliance".

*{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(hv243a)) hv243a=0.
if (missing(hv243b)) hv243b=0.
if (missing(hv243c)) hv243c=0.
if (missing(hv243d)) hv243d=0.

```

```

if (missing(hv247)) hv247=0.

if (missing(hv244) or hv244=0) hv245=0.
if (hv245=98) hv245=99.

if (missing(hv246) or hv246=0) hv246a=0.
if (hv246a=98) hv246a=99.
if (missing(hv246) or hv246=0) hv246b=0.
if (hv246b=98) hv246b=99.
if (missing(hv246) or hv246=0) hv246c=0.
if (hv246c=98) hv246c=99.
if (missing(hv246) or hv246=0) hv246d=0.
if (hv246d=98) hv246d=99.
if (missing(hv246) or hv246=0) hv246e=0.
if (hv246e=98) hv246e=99.
if (missing(hv246) or hv246=0) hv246f=0.
if (hv246f=98) hv246f=99.
if (missing(hv246) or hv246=0) hv246g=0.
if (hv246g=98) hv246g=99.
if (missing(hv246) or hv246=0) hv246h=0.
if (hv246h=98) hv246h=99.
if (missing(hv246) or hv246=0) hv246i=0.
if (hv246i=98) hv246i=99.
if (missing(hv246) or hv246=0) hv246j=0.
if (hv246j=98) hv246j=99.
if (missing(hv246) or hv246=0) hv246k=0.
if (hv246k=98) hv246k=99.

*{Solid waste/garbage collection}.

*{Reset missing values to "does not have"}.
if (missing(sh111g)) sh111g=0.
if (missing(sh111h)) sh111h=0.
if (missing(sh111i)) sh111i=0.
if (missing(sh111j)) sh111j=0.
if (missing(sh111k)) sh111k=0.
if (missing(sh111l)) sh111l=0.
if (missing(sh111m)) sh111m=0.
if (missing(sh111n)) sh111n=0.
if (missing(sh111o)) sh111o=0.
if (missing(sh111p)) sh111p=0.
if (missing(sh111q)) sh111q=0.
if (missing(sh111r)) sh111r=0.
if (missing(sh111s)) sh111s=0.
if (missing(sh111t)) sh111t=0.
if (missing(sh111u)) sh111u=0.
if (missing(sh121g)) sh121g=0.

execute.

```


FREQUENCIES

VARIABLES=hv201 hv204 hv205 hv206 hv207 hv208 hv209 hv210 hv211
hv212 hv213
hv214 hv215 hv221 hv225 hv226 hv243a hv243b hv243c hv243d hv244
hv246 hv247
sh111g sh111h sh111i sh111j sh111k sh111l
/ORDER= ANALYSIS .

FREQUENCIES

VARIABLES=memsleep h2oires h2oyrdr h2opub h2otube h2pbwell
h2powell h2pspng
h2uspng h2osurf h2orain h2otrk h2ocrt h2obt1 h2ooth flush1
flush2 flush3
flush4 flush5 latvip latpit1 latpit2 latbush latcomp latpail
lathang latoth
flushshr latvips latpit1s latpit2s latoths dirtfloo woodfloo
palmfloo
prqfloo vinfloo tilefloo cmtfloo rugfloo othfloo nowall
canewall mudwall
bmbmwall stmwall plywall cardwall rwwall cmtwall stcwall
brkwall cmtbwall
shngwall othwall noroof natroof matroof palmroof plyroof
crdbroof mtlroof
woodroof cmtroof tileroof cmtroof shngroof othroof cookelec
cookgas cookbio
cookkero cookcoal cookchar cookwood strwood cookcrop cookdung
cooknot
cookoth openfire openchim closchim othfire
/ORDER= ANALYSIS .

* Change time to water supply to 0 if on premises.
if (hv204=996) hv204=0.

FACTOR

/VARIABLES HV206 HV207 HV208 HV209 HV210 HV211 HV212 HV221
HV243A HV243B
HV243C HV243D HV244 HV246 DOMESTIC OWNLAND memsleep h2oires
h2oyrdr h2opub
h2pbwell h2powell h2osurf h2otrk
h2obt1 h2ooth flush1 flush2 flush3 flush4 flush5 latvip latpit1
latpit2
latbush latcomp lathang latoth flushshr latvips latpit1s
latpit2s
latoths dirtfloo palmfloo prqfloo vinfloo tilefloo cmtfloo
rugfloo
othfloo nowall canewall mudwall bmbmwall stmwall plywall
cardwall rwwall
cmtwall stcwall brkwall cmtbwall shngwall othwall noroof
natroof matroof

```

palmroof mtlroof woodroof cmtfroof tileroof cmtroof
shngroof othroof cookelec cookgas cookkero cookcoal cookchar
cookwood strwood cookcrop cooknot openfire openchim
closchim othfire /MISSING MEANSUB /ANALYSIS HV206 HV207 HV208
HV209 HV210
HV211 HV212 HV221 HV243A HV243B
HV243C HV243D HV244 HV246 DOMESTIC OWNLAND memsleep h2oires
h2oyrdr h2opub
h2pbwell h2powell h2osurf h2otrk
h2obt1 h2ooth flush1 flush2 flush3 flush4 flush5 latvip latpit1
latpit2
latbush latcomp lathang latoth flushshr latvips latpit1s
latpit2s
latoths dirtfloo palmfloo prqfloo vinfloo tilefloo cemtfloo
rugfloo
othfloo nowall canewall mudwall bmbmwall stmwall plywall
cardwall rwwall
cmtwall stcwall brkwall cmtbwall shngwall othwall noroof
natroof matroof
palmroof mtlroof woodroof cmtfroof tileroof cmtroof
shngroof othroof cookelec cookgas cookkero cookcoal cookchar
cookwood strwood cookcrop cooknot openfire openchim
closchim othfire
/PRINT UNIVARIATE INITIAL EXTRACTION FSCORE
/CRITERIA FACTORS(1) ITERATE(25)
/EXTRACTION PC
/ROTATION NOROTATE
/SAVE REG(ALL)
/METHOD=CORRELATION .

```

```

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

```

```

RANK
VARIABLES=fac1_1 (A) /RANK /NTILES (5) /PRINT=YES
/TIES=MEAN .

```

```

*FREQUENCIES
VARIABLES=fac1_1 /FORMAT=NOTABLE
/NTILES= 5
/STATISTICS=STDDEV MINIMUM MAXIMUM MEAN MEDIAN MODE SKEWNESS
SESKEW
KURTOSIS SEKURT
/ORDER= ANALYSIS .

```

```

frequencies variables=nfac1_1.

```

```

compute hhwt=hv005/1000000.
weight by hhwt.
VARIABLE LABELS hhwt 'HH weights' .
MEANS

```

```

TABLES=HV206 HV207 HV208 HV209 HV210 HV211 HV212 HV221 HV243A
HV243B
HV243C HV243D HV244 HV246 DOMESTIC OWNLAND memsleep h2oires
h2oyrdr h2opub
h2pbwell h2powell h2osurf h2otrk
h2obt1 h2ooth flush1 flush2 flush3 flush4 flush5 latvip latpit1
latpit2
latbush latcomp lathang latoth flushshr latvips latpit1s
latpit2s
latoths dirtfloo palmfloo prqfloo vinfloo tilefloo centfloo
rugfloo
othfloo nowall canewall mudwall bmbmwall stmwall plywall
cardwall rwwall
cmtwall stcwall brkwall cmtbwall shngwall othwall noroof
natroof matroof
palmroof mtlroof woodroof cmtfroof tileroof cmtroof
shngroof othroof cookelec cookgas cookkero cookcoal cookchar
cookwood strwood cookcrop cooknot openfire openchim
closchim othfire
by nfac1_1
/CELLS MEAN COUNT STDDEV .

compute hv271=fac1_1.
compute hv270=nfac1_1.

save outfile="assets.sav".

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

GRAPH
/HISTOGRAM(NORMAL)=fac1_1
/TITLE= 'Distribution of Households by Wealth Scores' 'Zambia
2007'.
FREQUENCIES
VARIABLES=fac1_1 /FORMAT=NOTABLE
/NTILES= 5
/STATISTICS=STDDEV MINIMUM MAXIMUM SEMEAN MEAN MEDIAN MODE
SKEWNESS SESKEW
KURTOSIS SEKURT
/ORDER= ANALYSIS .

WRITE OUTFILE='scores.dat'
TABLE
/hhid hv270 fac1_1.
EXECUTE.

```