

DATA LIST FILE='C:\HNP2A\BENIN 2011\BJEXPORTED' RECORDS=1

/

HHID	1-12	(A)
HV005	13-20	
HV025	21-21	
HV009	22-23	
HV012	24-25	
HV013	26-27	
HV201	28-29	
HV202	30-31	
HV204	32-34	
HV205	35-36	
HV206	37-37	
HV207	38-38	
HV208	39-39	
HV209	40-40	
HV210	41-41	
HV211	42-42	
HV212	43-43	
HV213	44-45	
HV214	46-47	
HV215	48-49	
HV216	50-51	
HV217	52-52	
HV218	53-54	
HV219	55-55	
HV220	56-57	
HV221	58-58	
HV225	59-59	
HV226	60-61	
HV227	62-62	
HV228	63-63	
HV230A	64-64	
HV230B	65-65	
HV232	66-66	
HV232B	67-67	
HV232C	68-68	
HV232D	69-69	
HV232E	70-70	
HV232Y	71-71	
HV234	72-74	
HV234A	75-75	
HV235	76-76	
HV236	77-77	
HV237	78-78	
HV237A	79-79	
HV237B	80-80	
HV237C	81-81	
HV237D	82-82	
HV237E	83-83	
HV237F	84-84	
HV237G	85-85	

HV237H	86-86
HV237I	87-87
HV237J	88-88
HV237K	89-89
HV237X	90-90
HV237Z	91-91
HV238	92-93
HV239	94-94
HV240	95-95
HV241	96-96
HV242	97-97
HV243A	98-98
HV243B	99-99
HV243C	100-100
HV243D	101-101
HV244	102-102
HV245	103-105
HV246	106-106
HV246A	107-108
HV246B	109-110
HV246C	111-112
HV246D	113-114
HV246E	115-116
HV246F	117-118
HV246G	119-120
HV246H	121-122
HV246I	123-124
HV246J	125-126
HV246K	127-128
HV247	129-129
HV252	130-130
HV253	131-131
HV253A	132-132
HV253B	133-133
HV253C	134-134
HV253D	135-135
HV253E	136-136
HV253F	137-137
HV253G	138-138
HV253H	139-139
HV253X	140-140
HV253Z	141-141
HV270	142-142
HV271	143-150
HML1	151-152
HML1A	153-153
HML2	154-155
SHLANGINT	156-156
SHINTERP	157-157
SH103A	158-158
SH110B	159-159
SH110D	160-160

SH110E	161-161
SH110F	162-162
SH110G	163-163
SH110H	164-164
SH110L	165-165
SH110M	166-166
SH116A	167-168
SH116B	169-170
SH118E	171-171
SHRES	172-172
DOMESTIC	173-173
HOUSE	174-174
LAND	175-175

VARIABLE LABELS

HHID	"Case Identification"
/HV005	"Household sample weight (6 decimals)"
/HV025	"Type of place of residence"
/HV009	"Number of household members"
/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 (minutes)"
/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	"Number of rooms used for sleeping"
/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 (land-line)"
/HV225	"Share toilet with other households"
/HV226	"Type of cooking fuel"
/HV227	"Has mosquito bed net for sleeping"
/HV228	"Children under 5 slept under mosquito bed net last night"
/HV230A	"Place where household members wash their hands"
/HV230B	"Presence of water at hand washing place"
/HV232	"Items present: Soap or detergent"
/HV232B	"Items present: Ash, mud, sand"
/HV232C	"Items present: CS"
/HV232D	"Items present: CS"

/HV232E "Items present: CS"  
 /HV232Y "Items present: None"  
 /HV234 "Result of salt test for iodine (PPM)"  
 /HV234A "Result of salt test 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/ separate building/  
 outdoors"  
 /HV242 "Household has separate room used as kitchen"  
 /HV243A "Has mobile telephone"  
 /HV243B "Has watch"  
 /HV243C "Has animal-drawn cart"  
 /HV243D "Has boat with a motor"  
 /HV244 "Owns land usable for agriculture"  
 /HV245 "Hectares of agricultural land (1 decimal)"  
 /HV246 "Owns livestock, herds or farm animals"  
 /HV246A "Owns cattle"  
 /HV246B "Owns cows/ bulls"  
 /HV246C "Owns horses/ donkeys/ mules"  
 /HV246D "Owns goats"  
 /HV246E "Owns sheep"  
 /HV246F "Owns chickens"  
 /HV246G "Owns CS"  
 /HV246H "Owns CS"  
 /HV246I "Owns CS"  
 /HV246J "Owns CS"  
 /HV246K "Owns CS"  
 /HV247 "Has bank account"  
 /HV252 "Frequency household members smoke inside the house"  
 /HV253 "Has dwelling been sprayed against mosquitoes in last  
 12 months"  
 /HV253A "Dwelling sprayed by: government worker/program"  
 /HV253B "Dwelling sprayed by: private company"  
 /HV253C "Dwelling sprayed by: NGO"  
 /HV253D "Dwelling sprayed by: CS"

/HV253E "Dwelling sprayed by: CS"  
 /HV253F "Dwelling sprayed by: CS"  
 /HV253G "Dwelling sprayed by: CS"  
 /HV253H "Dwelling sprayed by: CS"  
 /HV253X "Dwelling sprayed by: other"  
 /HV253Z "Dwelling sprayed by: don't know"  
 /HV270 "Wealth index"  
 /HV271 "Wealth index factor score (5 decimals)"  
 /HML1 "Number of mosquito bed nets"  
 /HML1A "Number of mosquito bed nets with specific  
 information"  
 /HML2 "Number of children under mosquito bed net previous  
 night"  
 /SHLANGINT "Language of interview"  
 /SHINTERP "Interpreter used"  
 /SH103A "Qui se rend habituellement à la source"  
 /SH110B "Groupe électrogène"  
 /SH110D "Une cuisinière "  
 /SH110E "Une chaine HI-FI"  
 /SH110F "Un lecteur VCD/DVD"  
 /SH110G "Un magnetoscope"  
 /SH110H "Une machine à laver"  
 /SH110L "Un ordinateur"  
 /SH110M "Une connexion internet "  
 /SH116A "Location dispose household waste"  
 /SH116B "Location dispose waste water"  
 /SH118E "Pirogue"  
 /SHRES "Country specific residence variable"  
 /DOMESTIC "Domestic servant in household"  
 /HOUSE "Owns a dwelling"  
 /LAND "Owns agricultural land"

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)  
/HV230A (9)  
/HV230B (9)  
/HV232 (9)  
/HV232B (9)  
/HV232C (9)  
/HV232D (9)  
/HV232E (9)  
/HV232Y (9)  
/HV234 (999)  
/HV234A (9)  
/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 (999)  
/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)  
 /HV252 (9)  
 /HV253 (9)  
 /HV253A (9)  
 /HV253B (9)  
 /HV253C (9)  
 /HV253D (9)  
 /HV253E (9)  
 /HV253F (9)  
 /HV253G (9)  
 /HV253H (9)  
 /HV253X (9)  
 /HV253Z (9)  
 /HML1 (99)  
 /HML2 (99)

VALUE LABELS

HV025

- 1 "Urban"
- 2 "Rural"

/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 "Ventilated Improved Pit latrine (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"  
 30 "FINISHED"  
 31 "Parquet, polished wood"  
 32 "Vinyl, asphalt strips"  
 33 "Ceramic tiles"  
 34 "Cement"  
 35 "Carpet"  
 96 "Other"  
 /HV214  
 10 "NATURAL"  
 11 "No walls"  
 12 "Cane / palm / trunks"  
 13 "Dirt"  
 20 "RUDIMENTARY"  
 21 "Bamboo with mud"  
 22 "Stone with mud"  
 23 "Uncovered adobe"  
 24 "Plywood"  
 25 "Cardboard"  
 26 "Reused wood"  
 30 "FINISHED"  
 31 "Cement"  
 32 "Stone with lime / cement"  
 33 "Bricks"  
 34 "Cement blocks"  
 35 "Covered adobe"  
 36 "Wood planks / shingles"  
 96 "Other"  
 /HV215  
 10 "NATURAL"  
 11 "No roof"  
 12 "Thatch / palm leaf"  
 13 "Sod"  
 20 "RUDIMENTARY"  
 21 "Rustic mat"  
 22 "Palm / bamboo"  
 23 "Wood planks"  
 24 "Cardboard"  
 30 "FINISHED"  
 31 "Metal"  
 32 "Wood"  
 33 "Calamine / cement fiber"  
 34 "Ceramic tiles"  
 35 "Cement"  
 36 "Roofing shingles"  
 96 "Other"  
 /HV217  
 0 "No adults"  
 1 "One adult"  
 2 "Two adults, opposite sex"  
 3 "Two adults, same sex"

4 "Three+ related adults"  
 5 "Unrelated adults"  
 /HV219  
 1 "Male"  
 2 "Female"  
 /HV220  
 97 "97+ "  
 98 "Don't know"  
 /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 house"  
 96 "Other"  
 /HV227  
 0 "No"  
 1 "Yes"  
 /HV228  
 0 "No"  
 1 "All children"  
 2 "Some children"  
 3 "No net in household"  
 /HV230A  
 1 "Observed"  
 2 "Not observed: not in dwelling"  
 3 "Not observed: no permission to see"  
 4 "Not observed: other reason"  
 /HV230B  
 0 "Water not available"  
 1 "Water is available"  
 /HV232  
 0 "No"  
 1 "Yes"  
 /HV232B  
 0 "No"  
 1 "Yes"  
 /HV232C  
 0 "No"

1 "Yes"  
 /HV232D  
 0 "No"  
 1 "Yes"  
 /HV232E  
 0 "No"  
 1 "Yes"  
 /HV232Y  
 0 "No"  
 1 "Yes: no cleansing agent observed"  
 /HV234  
 0 "0 PPM (no iodine)"  
 7 "Below 15 PPM"  
 15 "15 PPM and above"  
 30 "30 PPM"  
 994 "Salt not tested"  
 995 "No salt in household"  
 /HV234A  
 0 "No iodine"  
 1 "Iodine present"  
 3 "No salt in household"  
 6 "Salt not tested"  
 /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: don't know what is done to water"  
8 "Don't know"  
/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"

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    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  
    950 "95 or more"  
    998 "Unknown"  
/HV246  
    0 "No"  
    1 "Yes"  
/HV246A  
    0 "None"  
    95 "95 or more"  
    98 "Unknown"  
/HV246B  
    0 "None"  
    95 "95 or more"  
    98 "Unknown"  
/HV246C  
    0 "None"  
    95 "95 or more"  
    98 "Unknown"  
/HV246D  
    0 "None"  
    95 "95 or more"  
    98 "Unknown"  
/HV246E  
    0 "None"  
    95 "95 or more"  
    98 "Unknown"  
/HV246F  
    0 "None"  
    95 "95 or more"  
    98 "Unknown"  
/HV246G  
    0 "None"  
    95 "95 or more"
```

98 "Unknown"  
/HV246H  
0 "None"  
95 "95 or more"  
98 "Unknown"  
/HV246I  
0 "None"  
95 "95 or more"  
98 "Unknown"  
/HV246J  
0 "None"  
95 "95 or more"  
98 "Unknown"  
/HV246K  
0 "None"  
95 "95 or more"  
98 "Unknown"  
/HV247  
0 "No"  
1 "Yes"  
/HV252  
0 "Never"  
1 "Daily"  
2 "Weekly"  
3 "Monthly"  
4 "Less than monthly"  
/HV253  
0 "No"  
1 "Yes"  
8 "Don't know"  
/HV253A  
0 "No"  
1 "Yes"  
8 "Don't know"  
/HV253B  
0 "No"  
1 "Yes"  
8 "Don't know"  
/HV253C  
0 "No"  
1 "Yes"  
8 "Don't know"  
/HV253D  
0 "No"  
1 "Yes"  
8 "Don't know"  
/HV253E  
0 "No"  
1 "Yes"  
8 "Don't know"  
/HV253F  
0 "No"

1 "Yes"  
 8 "Don't know"  
 /HV253G  
 0 "No"  
 1 "Yes"  
 8 "Don't know"  
 /HV253H  
 0 "No"  
 1 "Yes"  
 8 "Don't know"  
 /HV253X  
 0 "No"  
 1 "Yes"  
 8 "Don't know"  
 /HV253Z  
 0 "No"  
 1 "Yes: don't know who sprayed the dwelling"  
 8 "Don't know if it was sprayed"  
 /HV270  
 1 "Poorest"  
 2 "Poorer"  
 3 "Middle"  
 4 "Richer"  
 5 "Richest"  
 /HML1  
 98 "Don't know"  
 /SHLANGINT  
 1 "Français"  
 2 "Adja"  
 3 "Bariba"  
 4 "Fon"  
 5 "Dendi"  
 6 "Ditamari"  
 7 "Yoruba"  
 8 "Autre"  
 /SHINTERP  
 0 "No"  
 1 "Yes"  
 /SH103A  
 1 "FEMME ADULTE"  
 2 "HOMME ADULTE"  
 3 "FILLE DE MOINS DE 15 ANS"  
 4 "GARÇON DE MOINS DE 15 ANS"  
 /SH110B  
 0 "No"  
 1 "Yes"  
 /SH110D  
 0 "No"  
 1 "Yes"  
 /SH110E  
 0 "No"  
 1 "Yes"

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/SH110F
  0 "No"
  1 "Yes"
/SH110G
  0 "No"
  1 "Yes"
/SH110H
  0 "No"
  1 "Yes"
/SH110L
  0 "No"
  1 "Yes"
/SH110M
  0 "No"
  1 "Yes"
/SH116A
  11 "VOIRIE PUBLIQUE"
  12 "VOIRIE PRIVÉE/ONG"
  13 "ENTERRÉES"
  14 "BRULÉES"
  15 "DANS LA COUR"
  16 "DANS LA NATURE/DEHORS"
  96 "AUTRE"
/SH116B
  11 "CANIVEAU FERME"
  12 "CANIVEAU A CIEL OUVERT"
  13 "FOSSE SEPTIQUE"
  14 "PUITS PERDUS"
  15 "ÉGOUTS"
  16 "DANS LA COUR"
  17 "DANS LA NATURE/DEHORS"
  96 "AUTRE"
  98 "NSP"
/SH118E
  0 "No"
  1 "Yes"
/SHRES
  1 "Cotonou"
  2 "Other urban"
  4 "Rural"
.
EXECUTE.

*{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

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```

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 h2oyrd=0.
if (hv201=12) h2oyrd=1.
var labels h2oyrd "Piped into yard/plot".
compute h2opub=0.
if (hv201=13) h2opub=1.
var labels h2opub "Public tap / standpipe".
compute h2obwell=0.
if (hv201=21) h2obwell=1.
var labels h2obwell "Tube well or borehole".
compute h2ipwell=0.
if (hv201=31) h2ipwell=1.
var labels h2ipwell "Protected dug well".
compute h2iowell=0.
if (hv201=32) h2iowell=1.
var labels h2iowell "Unprotected dug well".
compute h2opspg=0.
if (hv201=41) h2opspg=1.
var labels h2opspg "Protected Spring".
compute h2ouspg=0.
if (hv201=42) h2ouspg=1.
var labels h2ouspg "Unprotected Spring".
compute h2osurf=0.
if (hv201=43) h2osurf=1.
var labels h2osurf "Surface water-river, lake, dam, etc.".
compute h2orain=0.
if (hv201=51) h2orain=1.
var labels h2orain "Water from rain".
compute h2otruck=0.
if (hv201=61) h2otruck=1.
var labels h2otruck "Water from tanker truck".
compute h2ocart=0.
if (hv201=62) h2ocart=1.
var labels h2ocart "Water from cart with small tank".
compute h2obot=0.
if (hv201=71) h2obot=1.
var labels h2obot "Water from bottle".
compute h2ooth=0.
if (hv201=96) h2ooth=1.
var labels h2ooth "Other water source".

*{Toilet facility}.
compute flushs=0.
if (hv205=11) flushs=1.
var labels flushs "Flush toilet to sewer".
compute flusht=0.

```

```

if (hv205=12) flusht=1.
var labels flusht "Flush toilet to septic tank".
compute flushp=0.
if (hv205=13) flushp=1.
var labels flushp "Flush toilet to pit latrine".
compute flushe=0.
if (hv205=14 or hv205=15) flushe=1.
var labels flushe "Flush toilet to elsewhere or dk".
compute latvip=0.
if (hv205=21) latvip=1.
var labels latvip "VIP latrine".
compute latpits=0.
if (hv205=22) latpits=1.
var labels latpits "Pit latrine with slab".
compute latpail=0.
if (hv205=23) latpail=1.
var labels latpail "Traditional pit latrine".
compute latcomp=0.
if (hv205=41) latcomp=1.
var labels latcomp "Composting latrine".
compute latbush=0.
if (hv205=42) latbush=1.
var labels latbush "Bucket toilet".
compute lathang=0.
if (hv205=43) lathang=1.
var labels lathang "Hanging toilet/latrine".
compute latoth=0.
if (hv205=31) latoth=1.
var labels latoth "No facility/bush/field".

compute latshare=0.
var labels latshare "Shares latrine/toilet with other
households".
compute sflushs=0.
var labels sflushs "Shared Flush toilet to sewer".
compute sflusht=0.
var labels sflusht "Shared Flush toilet to septic tank".
compute sflushp=0.
var labels sflushp "Shared Flush toilet to pit latrine".
compute sflushe=0.
var labels sflushe "Shared Flush toilet to elsewhere".
compute slatvip=0.
var labels slatvip "Shared VIP latrine".
compute slatpits=0.
var labels slatpits "Shared Pit latrine with slab".
compute slatpail=0.
var labels slatpail "Shared Traditional pit latrine".
compute slatcomp=0.
var labels slatcomp "Shared composting latrine".

```

```

compute slathang=0.
var labels slathang 'Shared Hanging toilet/latrine'.
compute slatoth=0.
var labels slatoth 'Other type of latrine/toilet'.

```

```

do if (hv225=1).
  compute latshare=1.
  if (hv205=11) sflushs=1.
  if (hv205=12) sflushht=1.
  if (hv205=13) sflushp=1.
  if (hv205=14) sflushhe=1.
  if (hv205=21) slatvip=1.
  if (hv205=22) slatpits=1.
  if (hv205=23) slatpit=1.
  if (hv205=41) slatcomp=1.
  if (hv205=43) slathang=1.
  if (hv205=96) slatoth=1.
end if.

```

```

*{Flooring}.
compute dirtfloo=0.
if (hv213=11 or hv213=12) dirtfloo=1.
var labels dirtfloo "Earth, sand, dung floor".
compute woodfloo=0.
if (hv213=21 or hv213=22) woodfloo=1.
var labels woodfloo "Rudimentary wood plank, palm, bamboo floor".
compute prqfloo=0.
if (hv213=31) prqfloo=1.
var labels prqfloo "Polished wood floor".
compute vinlfloo=0.
if (hv213=32) vinlfloo=1.
var labels vinlfloo "Vinyl, asphalt strip floor".
compute tilefloo=0.
if (hv213=33) tilefloo=1.
var labels tilefloo "Ceramic tile floor".
compute cemtfloo=0.
if (hv213=34) cemtfloo=1.
var labels cemtfloo "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 "No walls".
compute natwall=0.
if (hv214=12 or hv214=13) natwall=1.

```

```

var labels natwall "Cane/palm/trunks/dirt walls".
compute mudwall=0.
if (hv214=21) mudwall=1.
var labels mudwall "Bamboo with mud walls".
compute stonwall=0.
if (hv214=22) stonwall=1.
var labels stonwall "Stone with mud walls".
compute adobwall=0.
if (hv214=23) adobwall=1.
var labels adobwall "Uncovered adobe walls".
compute plywall=0.
if (hv214=24) plywall=1.
var labels plywall "Plywood walls".
compute cardwall=0.
if (hv214=25) cardwall=1.
var labels cardwall "Cardboard walls".
compute rwoodwall=0.
if (hv214=26) rwoodwall=1.
var labels rwoodwall "Reused wood walls".
compute cmtwall=0.
if (hv214=31) cmtwall=1.
var labels cmtwall "Cement walls".
compute stonwall=0.
if (hv214=32) stonwall=1.
var labels stonwall "Stone walls with lime/cement".
compute brkwall=0.
if (hv214=33) brkwall=1.
var labels brkwall "Baked brick walls".
compute cmtbwall=0.
if (hv214=34) cmtbwall=1.
var labels cmtbwall "Cement block walls".
compute cadobwall=0.
if (hv214=35) cadobwall=1.
var labels cadobwall "Covered adobe walls".
compute woodwall=0.
if (hv214=36) woodwall=1.
var labels woodwall "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 "No roof".
compute natroof=0.
if (hv215>=12 and hv215<=13) natroof=1.
var labels natroof "Thatch/palm/sod roof".
compute matroof=0.
if (hv215=21) matroof=1.
var labels matroof "Rustic mat / plastic roof".
compute bambroof=0.

```

```

if (hv215=22) bambroof=1.
var labels bambroof "Palm / bamboo roof".
compute wproof=0.
if (hv215=23) wproof=1.
var labels wproof "Wood planks roof".
compute cardroof=0.
if (hv215=24) cardroof=1.
var labels cardroof "Cardboard roof".
compute metroof=0.
if (hv215=31) metroof=1.
var labels metroof "Iron sheet roof".
compute woodroof=0.
if (hv215=32) woodroof=1.
var labels woodroof "Wood roof".
compute asbroof=0.
if (hv215=33) asbroof=1.
var labels asbroof "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 "Concrete roof".
compute shngroof=0.
if (hv215=36) shngroof=1.
var labels shngroof "Roofing shingles 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 cooklpg=0.
if (hv226=2) cooklpg=1.
var labels cooklpg "LPG for cooking".
compute cookgas=0.
if (hv226=3) cookgas=1.
var labels cookgas "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 for cooking".
compute cookstraw=0.
if (hv226=9) cookstraw=1.
var labels cookstraw "Straw for cooking".
compute cookcrop=0.
if (hv226=10) cookcrop=1.
var labels cookcrop "Agricultural crop for cooking".
compute cookdung=0.
if (hv226=11) cookdung=1.
var labels cookdung "Dung for cooking".
compute cooknone=0.
if (hv226=95) cooknone=1.
var labels cooknone 'Does not cook'.
compute cookoth=0.
if (hv226=96) cookoth=1.
var labels cookoth "Other fuel for cooking".

*{Reset missing values to "does not have", code to 0}.
if (hv206<>1) hv206=0.
if (hv207<>1) hv207=0.
if (hv208<>1) hv208=0.
if (hv209<>1) hv209=0.
if (hv210<>1) hv210=0.
if (hv211<>1) hv211=0.
if (hv212<>1) hv212=0.
if (hv221<>1) hv221=0.
if (hv243a<>1) hv243a=0.
if (hv243b<>1) hv243b=0.
if (hv243c<>1) hv243c=0.
if (hv243d<>1) hv243d=0.
if (hv247<>1) hv247=0.

* Country-specific assets.
if (sh110b<>1) sh110b=0.
if (sh110d<>1) sh110d=0.
if (sh110e<>1) sh110e=0.
if (sh110f<>1) sh110f=0.
if (sh110g<>1) sh110g=0.
if (sh110h<>1) sh110h=0.
if (sh110l<>1) sh110l=0.
if (sh110m<>1) sh110m=0.
if (sh116a<>1) sh116a=0.
if (sh116b<>1) sh116b=0.
if (sh118e<>1) sh118e=0.

** Land owned.
if (hv244<>1) hv244=0.
compute landarea=0.
if (not(missing(hv245))) landarea=hv245/10.
if (hv244=1 and hv245=0) landarea=0.5.

```

```
if (missing(hv245) or hv245=998) landarea=$sysmis.  
if (hv244<>1) landarea=0.  
FRECUENCIAS landarea.
```

```
* Livestock--farm animals.
```

```
if (hv246<>1) hv246=0.  
if (hv246a<>1) hv246a=0.  
if (hv246b<>1) hv246b=0.  
if (hv246c<>1) hv246c=0.  
if (hv246d<>1) hv246d=0.  
if (hv246e<>1) hv246e=0.  
if (hv246f<>1) hv246f=0.
```

```
missing values hv246a to hv246f (98,99).
```

```
*Type of tenancy of residence.
```

```
*{Lighting fuel}.  
*compute eleclgt=0.  
*if (qh106=1) eleclgt=1.  
*var labels eleclgt "Electricity for lighting".  
*compute sunlgt=0.  
*if (qh106=2) sunlgt=1.  
*var labels sunlgt "Solar electricity for lighting".  
*compute gaslgt=0.  
*if (qh106=3) gaslgt=1.  
*var labels gaslgt "Gas for lighting".  
*compute hurrlgt=0.  
*if (qh106=4) hurrlgt=1.  
*var labels hurrlgt "Pariffin-hurricane lamp".  
*compute preslgt=0.  
*if (qh106=5) preslgt=1.  
*var labels preslgt "Pariffin-pressure lamp".  
*compute wicklgt=0.  
*if (qh106=6) wicklgt=1.  
*var labels wicklgt "Wick lamp for lighting".  
*compute candlgt=0.  
*if (qh106=8) candlgt=1.  
*var labels candlgt "Candles for lighting".  
*compute woodlgt=0.  
*if (qh106=7) woodlgt=1.  
*var labels woodlgt "Firewood for lighting".  
*compute othlgt=0.  
*if (qh106=96) othlgt=1.  
*var labels othlgt "Other type of lighting".
```

```
*{Solid waste/garbage collection}.
```

execute.

```
FRECUENCIES VARIABLES=HV025 HV009 HV012 HV013 HV201 HV205 HV206
HV207 HV208 HV209 HV210 HV211 HV212
HV213 HV214 HV215 HV216 HV221 HV225 HV226 HV243A HV243B
HV243C HV243D HV244 HV245 HV246 HV246A
HV246B HV246C HV246D HV246E HV246F HV247 SH110b SH110d SH110e
SH110f SH110g SH110h SH110l SH110m
SH116a SH116b SH118e DOMESTIC HOUSE LAND
/ORDER=ANALYSIS.
```

```
FRECUENCIES VARIABLES=DOMESTIC HOUSE LAND memsleep h2oires h2oyrd
h2opub h2obwell h2ipwell h2iowell
h2opspg h2ouspg h2osurf h2orain h2otruck h2ocart h2obot
h2ooth flushs flusht flushp flushe latvip
latpits latpit latcomp latpail lathang latbush latoth
latshare sflushs sflusht sflushp sflushe
slatvip slatpits slatpit slatcomp slathang slatoth dirtfloo
woodfloo prqfloo vinlfloo tilefloo
centfloo rugfloo othfloo nowall natwall mudwall stonwall
adobwall plywall cardwall rwoodwall
cmtwall brkwall cmtbwall cadobwall woodwall othwall noroof
natroof matroof bambroof wproof cardroof
metroof woodroof asbroof tileroof cmtroof shngroof othroof
cookelec cooklpg cookgas cookbio
cookkero cookcoal cookchar cookwood cookstraw cookcrop
cookdung cooknone cookoth landarea
/ORDER=ANALYSIS.
```

save outfile="c:\hnp2a\Benin 2011\bjassets.sav".

\*\*\*\*\*.

\*\*\* Factor Analysis to Test Distribution of created variables.

FACTOR

```
/VARIABLES HV206 HV207 HV208 HV209 HV210 HV211 HV212 HV221
HV243A HV243B HV243C HV243D HV246
HV246A HV246B HV246C HV246D HV246E HV246F HV247 SH110b SH110d
SH110e SH110f SH110g SH110h SH110l SH110m
SH118e
HOUSE LAND memsleep h2oires h2oyrd h2opub h2obwell h2ipwell
h2iowell
h2opspg h2ouspg h2osurf h2orain h2otruck h2obot h2ooth flushs
flusht flushp flushe latvip
latpits latpit latcomp latpail lathang latbush latoth
latshare sflushs sflusht sflushp sflushe
slatvip slatpits slatpit slatcomp slathang slatoth dirtfloo
woodfloo prqfloo vinlfloo tilefloo
centfloo rugfloo othfloo nowall natwall mudwall stonwall
adobwall plywall cardwall rwoodwall
cmtwall brkwall cmtbwall cadobwall woodwall othwall noroof
```



```

natroof matroof bambroof wproof cardroof
  metroof woodroof asbroof tileroof cmtroof shngroof othroof
cookelec cooklpg cookgas cookbio
  cookkero cookcoal cookchar cookwood cookstraw cookcrop
cookdung cooknone cookoth landarea
  /MISSING MEANSUB
  /ANALYSIS HV206 HV207 HV208 HV209 HV210 HV211 HV212 HV221 HV243A
HV243B HV243C HV243D HV246
  HV246A HV246B HV246C HV246D HV246E HV246F HV247 SH110b SH110d
SH110e SH110f SH110g SH110h SH110l SH110m
  SH118e
  HOUSE LAND memsleep h2oires h2oyrd h2opub h2obwell h2ipwell
h2iowell
  h2opspg h2ouspg h2osurf h2orain h2otruck h2obot h2ooth flushs
flusht flushp flushe latvip
  latpits latpit latcomp latpail lathang latbush latoth
latshare sflushs sflusht sflushp sflushe
  slatvip slatpits slatpit slatcomp slathang slatoth dirtfloo
woodfloo prqfloo vinlfloo tilefloo
  cemtfluo rugfloo othfloo nowall natwall mudwall stonwall
adobwall plywall cardwall rwoodwall
  cmtwall brkwall cmtbwall cadobwall woodwall othwall noroof
natroof matroof bambroof wproof cardroof
  metroof woodroof asbroof tileroof cmtroof shngroof othroof
cookelec cooklpg cookgas cookbio
  cookkero cookcoal cookchar cookwood cookstraw cookcrop
cookdung cooknone cookoth landarea
  /PRINT UNIVARIATE INITIAL EXTRACTION
  /CRITERIA FACTORS(1) ITERATE(25)
  /EXTRACTION PC
  /ROTATION NOROTATE
  /METHOD=CORRELATION.

```

```

*****.
*** Common Factor Analysis.

```

```

FILTER OFF.
USE ALL.
EXECUTE.

```

```

**** Redo removing area-specific variables ****.
FACTOR
  /VARIABLES HV206 HV207 HV208 HV209 HV210 HV211 HV212 HV221
HV243A HV243B HV243C HV243D
  HV247 SH110b SH110d SH110e SH110f SH110g SH110h SH110l SH110m
  SH118e
  HOUSE LAND memsleep h2oires h2oyrd h2opub h2obwell h2ipwell
h2iowell
  h2opspg h2ouspg h2osurf h2orain h2otruck h2obot h2ooth flushs
flusht flushp flushe latvip

```

```

    latpits latpit latcomp latpail lathang latbush latoth
latshare sflushs sflusst sflushp sfluste
    slatvip slatpits slatpit slatcomp slathang slatoth dirtfloo
woodfloo prqfloo vinlfloo tilefloo
    cemtfluo rugfloo othfloo nowall natwall mudwall stonwall
adobwall plywall cardwall rwoodwall
    cmtwall brkwall cmtbwall cadobwall woodwall othwall norooft
natrooft matrooft bambrooft wprooft cardrooft
    metrooft woodrooft asbrooft tilerooft cmtrooft shngrooft othrooft
cookelec cooklpg cookgas cookbio
    cookkero cookcoal cookchar cookwood cookstraw cookcrop
cookdung cooknone cookoth
    /MISSING MEANSUB
    /ANALYSIS HV206 HV207 HV208 HV209 HV210 HV211 HV212 HV221
HV243A HV243B HV243C HV243D
    HV247 SH110b SH110d SH110e SH110f SH110g SH110h SH110l SH110m
SH118e
    HOUSE LAND memsleep h2oires h2oyrd h2opub h2obwell h2ipwell
h2iowell
    h2opspg h2ouspg h2osurf h2orain h2otruck h2obot h2ooth flushs
flusst flushp fluste latvip
    latpits latpit latcomp latpail lathang latbush latoth
latshare sflushs sflusst sflushp sfluste
    slatvip slatpits slatpit slatcomp slathang slatoth dirtfloo
woodfloo prqfloo vinlfloo tilefloo
    cemtfluo rugfloo othfloo nowall natwall mudwall stonwall
adobwall plywall cardwall rwoodwall
    cmtwall brkwall cmtbwall cadobwall woodwall othwall norooft
natrooft matrooft bambrooft wprooft cardrooft
    metrooft woodrooft asbrooft tilerooft cmtrooft shngrooft othrooft
cookelec cooklpg cookgas cookbio
    cookkero cookcoal cookchar cookwood cookstraw cookcrop
cookdung cooknone cookoth
    /PRINT UNIVARIATE INITIAL EXTRACTION FSCORE
    /CRITERIA FACTORS(1) ITERATE(25)
    /EXTRACTION PC
    /ROTATION NOROTATE
    /SAVE REG(ALL COM)
    /METHOD=CORRELATION.

```

\*\* Urban Areas.

```

USE ALL.
COMPUTE filter_$=(HV025 = 1).
VARIABLE LABEL filter_$ 'HV025 = 1 (FILTER)'.
VALUE LABELS filter_$ 0 'Not Selected' 1 'Selected'.
FORMAT filter_$ (f1.0).
FILTER BY filter_$.
EXECUTE .

```

WEIGHT

OFF.

FACTOR

```
/VARIABLES HV206 HV207 HV208 HV209 HV210 HV211 HV212 HV221
HV243A HV243B HV243C HV243D HV246
HV246A HV246B HV246C HV246D HV246E HV246F HV247 SH110b SH110d
SH110e SH110f SH110g SH110h SH110l SH110m
SH118e
HOUSE LAND memsleep h2oires h2oyrd h2opub h2obwell h2ipwell
h2iowell
h2opspg h2ouspg h2osurf h2orain h2otruck h2obot h2ooth flushs
flusht flushp flush latvip
latpits latpit latcomp latpail lathang latbush latoth
latshare sflushs sflusht sflushp sflush
slatvip slatpits slatpit slatcomp slathang slatoth dirtfloo
woodfloo prqfloo vinlfloo tilefloo
cemtfloo rugfloo othfloo nowall natwall mudwall stonwall
adobwall plywall cardwall rwoodwall
cmtwall brkwall cmtbwall cadobwall woodwall othwall noroof
natroof matroof bambroof wproof cardroof
metroof woodroof asbroof tileroof cmtroof shngroof othroof
cookelec cooklpg cookgas cookbio
cookkero cookcoal cookchar cookwood cookstraw cookcrop
cookdung cooknone cookoth landarea
/MISSING MEANSUB
/ANALYSIS HV206 HV207 HV208 HV209 HV210 HV211 HV212 HV221
HV243A HV243B HV243C HV243D HV246
HV246A HV246B HV246C HV246D HV246E HV246F HV247 SH110b SH110d
SH110e SH110f SH110g SH110h SH110l SH110m
SH118e
HOUSE LAND memsleep h2oires h2oyrd h2opub h2obwell h2ipwell
h2iowell
h2opspg h2ouspg h2osurf h2orain h2otruck h2obot h2ooth flushs
flusht flushp flush latvip
latpits latpit latcomp latpail lathang latbush latoth
latshare sflushs sflusht sflushp sflush
slatvip slatpits slatpit slatcomp slathang slatoth dirtfloo
woodfloo prqfloo vinlfloo tilefloo
cemtfloo rugfloo othfloo nowall natwall mudwall stonwall
adobwall plywall cardwall rwoodwall
cmtwall brkwall cmtbwall cadobwall woodwall othwall noroof
natroof matroof bambroof wproof cardroof
metroof woodroof asbroof tileroof cmtroof shngroof othroof
cookelec cooklpg cookgas cookbio
cookkero cookcoal cookchar cookwood cookstraw cookcrop
cookdung cooknone cookoth landarea
/PRINT UNIVARIATE INITIAL EXTRACTION FSCORE
/CRITERIA FACTORS(1) ITERATE(25)
/EXTRACTION PC
/ROTATION NOROTATE
/SAVE REG(ALL URB)
```

/METHOD=CORRELATION.

\*\* Rural Area.

USE ALL.

COMPUTE filter\_\$(HV025 = 2).

VARIABLE LABEL filter\_\$(HV025 = 2 (FILTER)).

VALUE LABELS filter\_\$(0 'Not Selected' 1 'Selected').

FORMAT filter\_\$(f1.0).

FILTER BY filter\_\$(.

EXECUTE .

FACTOR

```
/VARIABLES HV206 HV207 HV208 HV209 HV210 HV211 HV212 HV221
HV243A HV243B HV243C HV243D HV246
  HV246A HV246B HV246C HV246D HV246E HV246F HV247 SH110b SH110d
SH110e SH110f SH110g SH110h SH110i SH110j SH110k SH110l
  SH118e
  HOUSE LAND memsleep h2oires h2oyrd h2opub h2obwell h2ipwell
h2iowell
  h2opspg h2ouspg h2osurf h2orain h2otruck h2obot h2ooth flushs
flusht flushp flushe latvip
  latpits latpit latcomp latpail lathang latbush latoth
latshare sflushs sflusht sflushp sflushe
  slatvip slatpits slatpit slatcomp slathang dirtfloo woodfloo
prqfloo vinlfloo tilefloo
  centfloo rugfloo othfloo nowall natwall mudwall stonwall
adobwall plywall cardwall rwoodwall
  cmtwall brkwall cmtbwall cadobwall woodwall othwall noroof
natroof matroof bambroof wproof cardroof
  metroof woodroof asbroof tileroof cmtroof shngroof othroof
cookelec cooklpg cookgas cookbio
  cookkero cookcoal cookchar cookwood cookstraw cookcrop
cookdung cooknone cookoth landarea
/MISSING MEANSUB
/ANALYSIS HV206 HV207 HV208 HV209 HV210 HV211 HV212 HV221
HV243A HV243B HV243C HV243D HV246
  HV246A HV246B HV246C HV246D HV246E HV246F HV247 SH110b SH110d
SH110e SH110f SH110g SH110h SH110i SH110j SH110k SH110l
  SH118e
  HOUSE LAND memsleep h2oires h2oyrd h2opub h2obwell h2ipwell
h2iowell
  h2opspg h2ouspg h2osurf h2orain h2otruck h2obot h2ooth flushs
flusht flushp flushe latvip
  latpits latpit latcomp latpail lathang latbush latoth
latshare sflushs sflusht sflushp sflushe
  slatvip slatpits slatpit slatcomp slathang dirtfloo woodfloo
prqfloo vinlfloo tilefloo
  centfloo rugfloo othfloo nowall natwall mudwall stonwall
adobwall plywall cardwall rwoodwall
```

```

    cmtwall brkwall cmtbwall cadobwall woodwall othwall noroof
natroof matroof bambroof wproof cardroof
    metroof woodroof asbroof tileroof cmtroof shngroof othroof
cookelec cooklpg cookgas cookbio
    cookkero cookcoal cookchar cookwood cookstraw cookcrop
cookdung cooknone cookoth landarea
/PRINT UNIVARIATE INITIAL EXTRACTION FSCORE
/CRITERIA FACTORS(1) ITERATE(25)
/EXTRACTION PC
/ROTATION NOROTATE
/SAVE REG(ALL RUR)
/METHOD=CORRELATION.

```

```

* Calculate regressions with total score.
** Urban Area.

```

```

USE ALL.
COMPUTE filter_$=(HV025 = 1).
VARIABLE LABEL filter_$ 'HV025 = 1 (FILTER)'.
VALUE LABELS filter_$ 0 'Not Selected' 1 'Selected'.
FORMAT filter_$ (f1.0).
FILTER BY filter_$.
EXECUTE .

```

```

REGRESSION
/MISSING LISTWISE
/STATISTICS COEFF OUTS R ANOVA
/CRITERIA=PIN(.05) POUT(.10)
/NOORIGIN
/DEPENDENT COM1
/METHOD=ENTER URB1 .

```

```

** Rural Area.

```

```

USE ALL.
COMPUTE filter_$=(HV025 = 2).
VARIABLE LABEL filter_$ 'HV025 = 2 (FILTER)'.
VALUE LABELS filter_$ 0 'Not Selected' 1 'Selected'.
FORMAT filter_$ (f1.0).
FILTER BY filter_$.
EXECUTE .

```

```

REGRESSION
/MISSING LISTWISE
/STATISTICS COEFF OUTS R ANOVA
/CRITERIA=PIN(.05) POUT(.10)
/NOORIGIN
/DEPENDENT COM1

```

```

/METHOD=ENTER RUR1 .

FILTER OFF.
USE ALL.
EXECUTE .

*** Calculate combined wealth score from Urban and Rural Scores.
compute comb scor=0.
print formats comb scor (F11.5).
** Urban.
if (HV025 = 1) comb scor=0.662+1.069* URB1.
** Rural.
if (HV025 = 2) comb scor=(-0.457)+0.606* RUR1.
execute.

* Calculate histogram intervals.

compute histnac=trunc(fac1_1/((2.5-(-2.0))/50)).
if (fac1_1 ge 0 ) histnac=histnac+1.
freq var=histnac.

*Calculate quintiles and scores for data file.
compute hmemwt=HV005*hv012/1000000.
weight by hmemwt.
VARIABLE LABELS hmemwt 'HH members weighting for Index' .

** Urban Area.
USE ALL.
COMPUTE filter_$=(HV025 = 1).
VARIABLE LABEL filter_$ 'HV025 = 1 (FILTER)'.
VALUE LABELS filter_$ 0 'Not Selected' 1 'Selected'.
FORMAT filter_$ (f1.0).
FILTER BY filter_$.
EXECUTE .

RANK
  VARIABLES=urb1 (A) /RANK /NTILES (5) /PRINT=YES
  /TIES=MEAN .

** Rural Area.

USE ALL.
COMPUTE filter_$=(HV025 = 2).
VARIABLE LABEL filter_$ 'HV025 = 2 (FILTER)'.
VALUE LABELS filter_$ 0 'Not Selected' 1 'Selected'.
FORMAT filter_$ (f1.0).
FILTER BY filter_$.
EXECUTE .

```

```

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

** National combined score.

FILTER OFF.
USE ALL.
EXECUTE .

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

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

frequencies variables=ncombsco.

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 HV246
  HV246A HV246B HV246C HV246D HV246E HV246F HV247 SH110b SH110d
SH110e SH110f SH110g SH110h SH110l SH110m
  SH118e
  HOUSE LAND memsleep h2oires h2oyrd h2opub h2obwell h2ipwell
h2iowell
  h2opspg h2ouspg h2osurf h2orain h2otruck h2obot h2ooth flushs
flusht flushp flushe latvip
  latpits latpit latcomp latpail lathang latbush latoth
latshare sflushs sflusht sflushp sflushe
  slatvip slatpits slatpit slatcomp slathang dirtfloo woodfloo
prqfloo vinlfloo tilefloo
  centfloo rugfloo othfloo nowall natwall mudwall stonwall
adobwall plywall cardwall rwoodwall
  cmtwall brkwall cmtbwall cadobwall woodwall othwall noroof
natroof matroof bambroof wproof cardroof
  metroof woodroof asbroof tileroof cmtroof shngroof othroof
cookelec cooklpg cookgas cookbio
  cookkero cookcoal cookchar cookwood cookstraw cookcrop
cookdung cooknone cookoth landarea
  by Ncombsco
  /CELLS MEAN COUNT STDDEV.

```

```
compute hv271=combscor.
compute hv270=ncombsco.

save outfile="c:\hnp2a\Benin 2011\bjassets.sav".

WEIGHT
  OFF.

write formats combscor (f11.5).

WRITE OUTFILE='c:\hnp2a\Benin 2011\bj11scores.dat'
  TABLE
  /hhid combscor ncombsco urb1 nurb1 rur1 nrur1.
EXECUTE.

compute hhwt=HV005/1000000.
weight by hhwt.

GRAPH
  /HISTOGRAM(NORMAL)=combscor
  /TITLE= 'Distribution of Households by Wealth Scores Benin'.

weight off.
```