

DATA LIST FILE='C:\HNP2A\HAITI 2011\EXPORTEDHT11' RECORDS=1

/

HHID	1-12	(A)
HV000	13-15	(A)
HV001	16-23	
HV002	24-27	
HV003	28-30	
HV004	31-34	
HV005	35-42	
HV006	43-44	
HV007	45-48	
HV008	49-52	
HV009	53-54	
HV010	55-56	
HV011	57-58	
HV012	59-60	
HV013	61-62	
HV014	63-64	
HV015	65-65	
HV016	66-67	
HV017	68-68	
HV018	69-71	
HV019	72-73	
HV020	74-74	
HV021	75-78	
HV022	79-82	
HV023	83-84	
HV024	85-86	
HV025	87-87	
HV026	88-88	
HV027	89-89	
HV028	90-97	
HV030	98-100	
HV031	101-103	
HV032	104-105	
HV035	106-107	
HV040	108-111	
HV041	112-113	
HV042	114-114	
HV044	115-115	
HV201	116-117	
HV202	118-119	
HV204	120-122	
HV205	123-124	
HV206	125-125	
HV207	126-126	
HV208	127-127	
HV209	128-128	
HV210	129-129	
HV211	130-130	
HV212	131-131	
HV213	132-133	

HV214	134-135
HV215	136-137
HV216	138-139
HV217	140-140
HV218	141-142
HV219	143-143
HV220	144-145
HV221	146-146
HV225	147-147
HV226	148-149
HV227	150-150
HV228	151-151
HV230A	152-152
HV230B	153-153
HV232	154-154
HV232B	155-155
HV232C	156-156
HV232D	157-157
HV232E	158-158
HV232Y	159-159
HV234	160-162
HV234A	163-163
HV235	164-164
HV236	165-165
HV237	166-166
HV237A	167-167
HV237B	168-168
HV237C	169-169
HV237D	170-170
HV237E	171-171
HV237F	172-172
HV237G	173-173
HV237H	174-174
HV237I	175-175
HV237J	176-176
HV237K	177-177
HV237X	178-178
HV237Z	179-179
HV238	180-181
HV239	182-182
HV240	183-183
HV241	184-184
HV242	185-185
HV243A	186-186
HV243B	187-187
HV243C	188-188
HV243D	189-189
HV244	190-190
HV245	191-193
HV246	194-194
HV246A	195-196
HV246B	197-198

HV246C	199-200
HV246D	201-202
HV246E	203-204
HV246F	205-206
HV246G	207-208
HV246H	209-210
HV246I	211-212
HV246J	213-214
HV246K	215-216
HV247	217-217
HV252	218-218
HV253	219-219
HV253A	220-220
HV253B	221-221
HV253C	222-222
HV253D	223-223
HV253E	224-224
HV253F	225-225
HV253G	226-226
HV253H	227-227
HV253X	228-228
HV253Z	229-229
HV270	230-230
HV271	231-238
HML1	239-240
HML1A	241-241
HML2	242-243
SH141	244-245
SH159	246-247
SH160	248-248
SH161	249-249
SH162	250-250
SH163	251-251
SH164	252-252
SH165	253-253
SH166	254-254
SH167	255-255
SH168	256-256
SH169	257-257
SH170	258-258
SH171	259-259
SH172	260-260
SH173	261-261
SH174	262-262
SH176	263-263
SH177	264-264
SH178	265-265
SH179	266-266
SH180	267-267
SH181	268-268
SH182	269-269
SH183	270-271

SH187	272-272
SH188	273-274
SH193	275-275
SH194	276-276
SH195	277-277
SH196	278-278
SH197	279-280
SH198	281-281
SH198A	282-283
SH199	284-284
SHFINH	285-286
SHFINM	287-288
SHDEBUTH	289-290
SHDEBUTM	291-292
SHCAMP	293-293
SHREGION	294-295
SHLOCAL	296-296
SHREGNEW	297-298
SHLOCNEW	299-299
SHLOCNEW2	300-300
SHLOCNEW3	301-301
SH109G	302-302
SH109H	303-303
SH109I	304-304
SH109J	305-305
DOMESTIC	306-306
HOUSE	307-307
LAND	308-308

VARIABLE LABELS

HHID	"Case Identification"
/HV000	"Country code and phase"
/HV001	"Cluster number"
/HV002	"Household number"
/HV003	"Respondent's line number (answering Household questionnaire)"
/HV004	"Ultimate area unit"
/HV005	"Household sample weight (6 decimals)"
/HV006	"Month of interview"
/HV007	"Year of interview"
/HV008	"Date of interview (CMC)"
/HV009	"Number of household members"
/HV010	"Number of eligible women in household"
/HV011	"Number of eligible men in household"
/HV012	"Number of de jure members"
/HV013	"Number of de facto members"
/HV014	"Number of children 5 and under (de jure)"
/HV015	"Result of household interview"
/HV016	"Day of interview"
/HV017	"Number of visits"
/HV018	"Interviewer identification"
/HV019	"Keyer identification"

/HV020 "Ever-married sample"
 /HV021 "Primary sampling unit"
 /HV022 "Sample strata for sampling errors"
 /HV023 "Stratification used in sample design"
 /HV024 "Region"
 /HV025 "Type of place of residence"
 /HV026 "Place of residence"
 /HV027 "Household selected for male interview"
 /HV028 "Household weight for male subsample (6 decimals)"
 /HV030 "Field supervisor"
 /HV031 "Field editor"
 /HV032 "Office editor"
 /HV035 "Number of eligible children for height and weight"
 /HV040 "Cluster altitude in meters"
 /HV041 "Total adults measured"
 /HV042 "Household selected for hemoglobin"
 /HV044 "Household selected for Domestic Violence module"
 /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) Sand, lemon, sheet"
 /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: Add bag, tablet of
 purifying"
 /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"
 /SH141 "Nombre d'enfants de 5-14 ans"
 /SH159 "Numero de ligne de l'enfant"
 /SH160 "Rétirer des privilèges"
 /SH161 "Expliquer à l'enfant pourquoi sa conduite était
 mauvaise ?"
 /SH162 "Secouer l'enfant"
 /SH163 "Hurler ou crier sur l'enfant"
 /SH164 "Donner quelque chose d'autre à faire pour le
 distraire ou l'amener à se concentrer sur autre chose"
 /SH165 "Priver de repas pour le punir"
 /SH166 "Tirer les oreilles de l'enfant"
 /SH167 "Demander de se mettre à genoux"
 /SH168 "Frapper ou taper sur les fesses avec les mains"
 /SH169 "Frapper sur les fesses ou ailleurs sur le corps avec
 quelque chose : ceinture, un fouet, un bâton ou un autre objet
 dur"
 /SH170 "Traiter d'idiot, de paresseux, de laid ou de quelque
 chose d'autre de ce genre"
 /SH171 "Giffler ou frapper sur le visage, sur la tête ou les
 oreilles"
 /SH172 "Frapper sur les mains, les bras ou les jambes"
 /SH173 "Battre/frapper encore et encore, aussi fort que
 possible"
 /SH174 "Elever ou éduquer un enfant correctement, l'enfant a
 besoin d'être puni physiquement"
 /SH176 "Vivre dans le logement actuel pendant le tremblement"
 /SH177 "Logement a subi des dommages au moment du tremblement
 de terre"
 /SH178 "Evaluation des dommages subis par votre logement par
 une equipe d'experts"
 /SH179 "Comment votre logement a-t-il été classé, rouge,
 jaune ou vert?"
 /SH180 "Est ce que des reparations ont deja été faites ou
 sont en cours?"
 /SH181 "Votre logement a été complètement détruit ou a été
 démoli après"
 /SH182 "Personne tuée pendant ou plus tard à la suite de ses
 blessures"
 /SH183 "Nombre de personnes tuées pendant ou plus tard, à la
 suite de leurs blessures"
 /SH187 "Une ou plusieurs personnes blessée(s) au moment du
 tremblement de terre"

/SH188 "Nombre de personnes blessées"
 /SH193 "Pas du tout de nourriture dans le ménage"
 /SH194 "Se coucher avec la faim"
 /SH195 "Passent toute une journée et une nuit sans manger"
 /SH196 "Depuis Octobre 2010, décès suite au choléra"
 /SH197 "Nombre de décès du au choléra depuis Octobre 2010"
 /SH198 "Depuis Octobre 2010, atteints du choléra, mais pas
 décédés"
 /SH198A "Nombre de personnes atteintes du choléra depuis
 Octobre 2010, mais pas décédées?"
 /SH199 "Possession de SRO, ou Sel Lavi ou Sérum oral dans le
 ménage"
 /SHFINH "Fin enquête ménage (heure)"
 /SHFINM "Fin enquête Ménage (minutes)"
 /SHDEBUTH "Début de l'enquête (heure)"
 /SHDEBUTM "Début de l'enquête (minutes)"
 /SHCAMP "Camp"
 /SHREGION "Région de résidence"
 /SHLOCAL "Cité\Ville\Rural"
 /SHREGNEW "Région de résidence"
 /SHLOCNEW "Cité\Ville\Rural\Camp"
 /SHLOCNEW2 "Cité\Ville\Rural\Camp"
 /SHLOCNEW3 "Cité\Ville\Rural\Camp"
 /SH109G "Ordinateur"
 /SH109H "Connection Internet"
 /SH109I "Cuisinière"
 /SH109J "Lamp"
 /DOMESTIC "Domestic servant in household"
 /HOUSE "Owns a dwelling"
 /LAND "Owns agricultural land"

MISSING VALUE

HV017 (9)
 /HV018 (999)
 /HV026 (9)
 /HV030 (999)
 /HV040 (9999)
 /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)
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/HV246A (99)
/HV246B (99)
/HV246C (99)
/HV246D (99)
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/HV246F (99)
/HV246G (99)

/HV246H (99)
/HV246I (99)
/HV246J (99)
/HV246K (99)
/HV247 (9)
/HV252 (9)
/HV253 (9)
/HV253A (9)
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/SH195 (9)
/SH196 (9)
/SH198 (9)
/SH199 (9)
/SHFINH (99)
/SHFINM (99)
/SHDEBUTH (99)
/SHDEBUTM (99)

/SH109G (9)
/SH109H (9)
/SH109I (9)
/SH109J (9)

VALUE LABELS

HV003
0 "Incomplete household"
/HV015
1 "Completed"
2 "No Household member/no competent member at home"
3 "Entire Household absent for extended period of time"
4 "Postponed"
5 "Refused"
6 "Dwelling vacant or address not a dwelling"
7 "Dwelling destroyed"
8 "Dwelling not found"
9 "Other"
/HV020
0 "All woman sample"
1 "Ever married sample"
/HV022
1 ""
2 ""
3 ""
4 ""
5 ""
6 ""
7 ""
8 ""
9 ""
10 ""
11 ""
12 ""
13 ""
14 ""
15 ""
16 ""
17 ""
18 ""
19 ""
20 ""
21 ""
22 ""
23 ""
24 ""
25 ""
26 ""
27 ""
28 ""
/HV023
1 "Aire Metropolitaine"

2 "Reste-Ouest"
 3 "Sud-Est"
 4 "Nord"
 5 "Nord-Est"
 6 "Artibonite"
 7 "Centre"
 8 "Sud"
 9 "Grand'Anse"
 10 "Nord-Ouest"
 11 "Nippes"
 12 "Camp"
 /HV024
 1 "Aire Metropolitaine/ Reste-Ouest"
 2 "Sud-Est"
 3 "Nord"
 4 "Nord-Est"
 5 "Artibonite"
 6 "Centre"
 7 "Sud"
 8 "Grand'Anse"
 9 "Nord-Ouest"
 10 "Nippes"
 11 "Camps"
 /HV025
 1 "Urban"
 2 "Rural"
 /HV026
 0 "Capital, large city (without camps)"
 1 "Small city (without camps)"
 2 "Countryside (without camps)"
 3 "Camps Urban"
 4 "Camps Rural"
 /HV027
 0 "Not selected"
 1 "Men's survey"
 2 "Husband's survey"
 /HV042
 0 "Not selected"
 1 "Selected"
 /HV044
 0 "Household not selected"
 1 "Household selected"
 /HV201
 10 "PIPED WATER"
 11 " Piped into dwelling"
 12 " Piped to yard/plot"
 13 " Piped from the neighbor"
 14 " Public tap/standpipe"
 20 "TUBE WELL WATER"
 21 " Tube well or borehole"
 30 "DUG WELL (OPEN/PROTECTED)"
 31 " Protected well to yard"

32 " Others Protected well"
 33 " Unprotected well to yard"
 34 " Public and others 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"
 72 " Sales Company of 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

0 "On the spot"
 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"

44 "Toilet hanging (on stilts)"
 45 "Mobile chemical toilet"
 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"
 30 "FINISHED"
 31 "Parquet or polished wood"
 32 "Cement/Concrete"
 33 "Mosaic/Ceramic"
 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 "Cardboard"
 24 "Reused wood"
 25 "Canvas/Tent"
 30 "FINISHED"
 31 "Cement"
 32 "Stone with lime/cement"
 33 "Cement blocks"

34 "Wood planks/shingles"
 96 "OTHER"
 /HV215
 10 "NATURAL"
 11 "No roof"
 12 "Thatch/palm leaf"
 20 "RUDIMENTARY"
 21 "Palm/bamboo"
 22 "Wood planks"
 23 "Canvas/Tent"
 30 "FINISHED"
 31 "Metal"
 32 "Wood"
 33 "Cement"
 34 "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"

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/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"

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```
        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"
 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"
 /SH160
 0 "No"
 1 "Yes"
 /SH161
 0 "No"

```
    1 "Yes "  
/SH162  
    0 "No "  
    1 "Yes "  
/SH163  
    0 "No "  
    1 "Yes "  
/SH164  
    0 "No "  
    1 "Yes "  
/SH165  
    0 "No "  
    1 "Yes "  
/SH166  
    0 "No "  
    1 "Yes "  
/SH167  
    0 "No "  
    1 "Yes "  
/SH168  
    0 "No "  
    1 "Yes "  
/SH169  
    0 "No "  
    1 "Yes "  
/SH170  
    0 "No "  
    1 "Yes "  
/SH171  
    0 "No "  
    1 "Yes "  
/SH172  
    0 "No "  
    1 "Yes "  
/SH173  
    0 "No "  
    1 "Yes "  
/SH174  
    0 "No "  
    1 "Yes "  
    8 "DK "  
/SH176  
    0 "No "  
    1 "Yes "  
/SH177  
    0 "No "  
    1 "Yes "  
/SH178  
    0 "No "  
    1 "Yes "  
    8 "DK "  
/SH179
```

1 "Rouge "
 2 "Jaune "
 3 "Vert "
 4 "N'a pas mis de couleur "
 8 "Ne sait pas "
 /SH180
 1 "Déjà faites "
 2 "En cours "
 3 "Non "
 8 "Ne sait pas "
 /SH181
 0 "No "
 1 "Yes "
 /SH182
 0 "No "
 1 "Yes "
 8 "DK "
 /SH187
 0 "No "
 1 "Yes "
 8 "DK "
 /SH193
 1 "Souvent "
 2 "Parfois "
 3 "Non "
 /SH194
 1 "Souvent "
 2 "Parfois "
 3 "Non "
 /SH195
 1 "Souvent "
 2 "Parfois "
 3 "Non "
 /SH196
 0 "No "
 1 "Yes "
 /SH198
 0 "No "
 1 "Yes "
 /SH199
 0 "No "
 1 "Yes "
 /SHFINH
 97 "Incohérent "
 /SHFINM
 97 "Incohérent "
 /SHDEBUTH
 97 "Incohérent "
 /SHDEBUTM
 97 "Incohérent "
 /SHCAMP
 1 "Oui "

```

    2 "Non"
/SHREGION
    1 "Aire Metropolitaine/ Reste-Ouest"
    2 "Sud-Est"
    3 "Nord"
    4 "Nord-Est"
    5 "Artibonite"
    6 "Centre"
    7 "Sud"
    8 "Grand'Anse"
    9 "Nord-Ouest"
    10 "Nippes"
/SHLOCAL
    1 "Aire Metropolitaine"
    2 "Cap Haitien"
    3 "Gonaives"
    4 "Les cayes"
    5 "Autres villes"
    6 "Rural"
/SHREGNEW
    1 "Aire Metropolitaine"
    2 "Reste-Ouest"
    3 "Sud-Est"
    4 "Nord"
    5 "Nord-Est"
    6 "Artibonite"
    7 "Centre"
    8 "Sud"
    9 "Grand'Anse"
    10 "Nord-Ouest"
    11 "Nippes"
    12 "Camp"
/SHLOCNEW
    1 "Aire Metropolitaine (sans camps)"
    2 "Autres villes (sans camps)"
    3 "Rural (sans camps)"
    4 "Camp"
/SHLOCNEW2
    1 "Aire Metropolitaine (sans camps)"
    2 "Autres villes (sans camps)"
    3 "Rural (sans camps)"
    4 "Camp"
/SHLOCNEW3
    1 "Aire Metropolitaine (sans camps)"
    2 "Autres villes (sans camps)"
    3 "Rural (sans camps)"
    4 "Camp urbain"
    5 "Camp rural"
/SH109G
    0 "No"
    1 "Yes"
/SH109H

```

```

    0 "No"
    1 "Yes"
/SH109I
    0 "No"
    1 "Yes"
/SH109J
    0 "No"
    1 "Yes"
.
EXECUTE.
*{Construct Variables}.

compute hhusual=hv012.
compute hhslept=hv013.

*{Members per sleeping room}.
if (hhusual=0) hhusual=hhslept.
if (hv216>0) memsleep=trunc(hhusual/hv216).
if (hv216=0) memsleep=hhusual.
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.
variable labels h2oires "Piped into dwelling".
compute h2oyrd=0.
if (hv201=12) h2oyrd=1.
variable labels h2oyrd "Piped into yard/plot".
compute h2onei=0.
if (hv201=13) h2onei=1.
variable labels h2onei "Piped from neighbor".
compute h2opub=0.
if (hv201=14) h2opub=1.
variable labels h2opub "Public tap / standpipe".
compute h2obwell=0.
if (hv201=21) h2obwell=1.
variable labels h2obwell "Tube well or borehole".
compute h2opwelly=0.
if (hv201=31) h2opwelly=1.
variable labels h2opwelly "Protected well to yard".
compute h2opwello=0.
if (hv201=32) h2opwello=1.
variable labels h2opwello "Other Protected well".
compute h2ouwelly=0.
if (hv201=33) h2ouwelly=1.
variable labels h2ouwelly "Unprotected well to yard".
compute h2ouwello=0.
if (hv201=34) h2ouwello=1.
variable labels h2ouwello "Unprotected public and other well".

```



```

compute h2opspg=0.
if (hv201=41) h2opspg=1.
variable labels h2opspg "Protected spring".
compute h2ouspg=0.
if (hv201=42) h2ouspg=1.
variable labels h2ouspg "Unprotected spring".
compute h2osurf=0.
if (hv201=43) h2osurf=1.
variable labels h2osurf "Surface water-river, lake, dam, etc.".
compute h2orain=0.
if (hv201=51) h2orain=1.
variable labels h2orain "Water from rain".
compute h2otruck=0.
if (hv201=61) h2otruck=1.
variable labels h2otruck "Water from tanker truck".
compute h2ocart=0.
if (hv201=62) h2ocart=1.
variable labels h2ocart "Water from cart with small tank".
compute h2obot=0.
if (hv201=71) h2obot=1.
variable labels h2obot "Water from bottle".
compute h2osales=0.
if (hv201=72) h2osales=1.
variable labels h2osales "Water sales company".
compute h2ooth=0.
if (hv201=96) h2ooth=1.
variable labels h2ooth "Other water source".
formats h2oires h2oyrd h2onei h2opub h2obwell h2opwelly h2opwello
h2ouwelly h2ouwello h2opspg h2ouspg h2orain h2otruck h2ocart
h2osurf h2obot h2osales h2ooth (f1.0).

*{Toilet facility}.
compute flushs=0.
if (hv205=11) flushs=1.
variable labels flushs "Flush toilet to sewer".
compute flusht=0.
if (hv205=12) flusht=1.
variable labels flusht "Flush toilet to septic tank".
compute flushp=0.
if (hv205=13) flushp=1.
variable labels flushp "Flush toilet to pit".
compute flushe=0.
if (hv205=14 or hv205=15) flushe=1.
variable labels flushe "Flush toilet to unknown".
compute latvip=0.
if (hv205=21) latvip=1.
variable labels latvip "VIP Latrine".
compute latslab=0.
if (hv205=22) latslab=1.
variable labels latslab 'Pit latrine with slab'.
compute latpit=0.
if (hv205=23) latpit=1.

```

```

variable labels latpit "Traditional pit latrine (no slab)".
compute latcomp=0.
if (hv205=41) latcomp=1.
variable labels latcomp 'Composting toilet/ecosan'.
compute latpail=0.
if (hv205=42) latpail=1.
variable labels latpail "Bucket latrine".
compute lathang=0.
if (hv205=43 or hv205=44) lathang=1.
variable labels lathang 'Hanging toilet/latrine'.
compute latchem=0.
if (hv205=45) latchem=1.
variable labels latchem 'Mobile chemical toilet/latrine'.
compute latbush=0.
if (hv205=31) latbush=1.
variable labels latbush "No facility/bush/field".
compute latoth=0.
if (hv205=96) latoth=1.
variable labels latoth 'Other type of latrine/toilet'.
formats flushs flusht flushp flushelatvip latslab latpit latcomp
latpail lathang latchem latbush latoth (f1.0).

compute latshare=0.
if (hv225=1) latshare=1.
variable labels latshare 'Shares latrine/toilet with other
households'.
formats latshare (f1.0).

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".
compute sflushel=0.
var labels sflushel "Shared Flush toilet to elsewhere/unknown".
compute slatvip=0.
var labels slatvip "Shared VIP latrine".
compute slatslab=0.
var labels slatslab "Shared pit latrine with slab".
compute slatpit=0.
var labels slatpit "Shared Traditional pit latrine".
compute slatcomp=0.
var labels slatcomp "Shared composting latrine".
compute slatpail=0.
var labels slatpail "Shared bucket latrine".
compute slathang=0.
var labels slathang "Shared hanging latrine".
compute slatchem=0.
var labels slatchem "Shared mobile chemical toilet".
compute slatoth=0.
var labels slatoth 'Other type of latrine/toilet'.

```

```

do if (latshare=1).
  if (hv205=11) sflushs=1.
  if (hv205=12) sflusht=1.
  if (hv205=13) sflushp=1.
  if (hv205=14 or hv205=15) sflushe=1.
  if (hv205=21) slatvip=1.
  if (hv205=22) slatslab=1.
  if (hv205=23) slatpit=1.
  if (hv205=41) slatcomp=1.
  if (hv205=42) slatpail=1.
  if (hv205=43 or hv205=44) slathang=1.
  if (hv205=45) slatchem=1.
  if (hv205=96) slatoth=1.
end if.
formats sflushs sflusht sflushp sflushe slatvip slatslab slatpit
slatcomp slatpail slathang slatchem slatoth (f1.0).

```

```

*{Flooring}.
compute dirtfloo=0.
if (hv213=11 or hv213=12) dirtfloo=1.
variable labels dirtfloo "Earth, sand, dung floor".
compute woodfloo=0.
if (hv213=21) woodfloo=1.
variable labels woodfloo "Rudimentary wood plank, palm, bamboo
floor".
compute prqfloo=0.
if (hv213=31) prqfloo=1.
variable labels prqfloo "Polished wood floor".
compute centfloo=0.
if (hv213=32 or hv213=34) centfloo=1.
variable labels centfloo "Cement floor".
compute mosfloo=0.
if (hv213=33) mosfloo=1.
variable labels mosfloo "Ceramic/mosaic floor".
compute rugfloo=0.
if (hv213=35) rugfloo=1.
variable labels rugfloo "Carpeted floor".
compute othfloo=0.
if (hv213=96) othfloo=1.
variable labels othfloo "Other type of flooring".
formats dirtfloo woodfloo prqfloo mosfloo centfloo rugfloo
othfloo (f1.0).

```

```

*{Walls}.
compute nowall=0.
if (hv214=11) nowall=1.
variable labels nowall "No walls".
compute natwall=0.
if (hv214=12 or hv214=13) natwall=1.
variable labels natwall "Cane/palm/trunks/dirt walls".

```

```

compute bambwall=0.
if (hv214=21) bambwall=1.
variable labels bambwall "Bamboo walls with mud".
compute stomwall=0.
if (hv214=22) stomwall=1.
variable labels stomwall "Stone walls with mud".
compute cardwall=0.
if (hv214=23) cardwall=1.
variable labels cardwall "Discarded materials walls".
compute rwoodwall=0.
if (hv214=24) rwoodwall=1.
variable labels rwoodwall "Reused wood walls".
compute tentwall=0.
if (hv214=25) tentwall=1.
variable labels tentwall "Canvas walls/tent".
compute cmtwall=0.
if (hv214=31) cmtwall=1.
variable labels cmtwall "Cement walls".
compute stonwall=0.
if (hv214=32) stonwall=1.
variable labels stonwall "Stone walls with lime/cement".
compute cmtbwall=0.
if (hv214=33) cmtbwall=1.
variable labels cmtbwall "Cement block walls".
compute woodwall=0.
if (hv214=34) woodwall=1.
variable labels woodwall "Wood planks, shingles walls".
compute othwall=0.
if (hv214=96) othwall=1.
variable labels othwall "Other type of walls".
formats nowall natwall bambwall stomwall rwoodwall tentwall
cardwall cmtwall cmtbwall woodwall stonwall othwall (f1.0).

*{Roofing}.
compute noroof=0.
if (hv215=11) noroof=1.
variable labels noroof "No roof".
compute natroof=0.
if (hv215=12) natroof=1.
variable labels natroof "Thatch, palm, sod roof".
compute palmroof=0.
if (hv215=21) palmroof=1.
variable labels palmroof "Palm/bamboo roof".
compute wproof=0.
if (hv215=22) wproof=1.
variable labels wproof "Wood planks roof".
compute tentroof=0.
if (hv215=23) tentroof=1.
variable labels tentroof "Canvas roof/tent".
compute tinroof=0.
if (hv215=31) tinroof=1.
variable labels tinroof "Metal roof".

```

```

compute woodroof=0.
if (hv215=32) woodroof=1.
variable labels woodroof "Wood roof".
compute cmtroof=0.
if (hv215=33) cmtroof=1.
variable labels cmtroof "Concrete roof".
compute shngroof=0.
if (hv215=34) shngroof=1.
variable labels shngroof "Shingles roof".
compute othroof=0.
if (hv215=96) othroof=1.
variable labels othroof "Other type of roof".
formats noroof natroof palmroof wproof tentroof tinroof woodroof
shngroof cmtroof othroof (f1.0).

```

```

*{Cooking Fuel}.
compute cookelec=0.
if (hv226=1) cookelec=1.
variable labels cookelec "Electricity for cooking".
compute cooklpg=0.
if (hv226=2) cooklpg=1.
variable labels cooklpg "LPG for cooking".
compute cookgas=0.
if (hv226=3) cookgas=1.
variable labels cookgas "Natural gas for cooking".
compute cookbio=0.
if (hv226=4) cookbio=1.
variable labels cookbio "Biogas for cooking".
compute cookkero=0.
if (hv226=5) cookkero=1.
variable labels cookkero "Kerosene for cooking".
compute cookcoal=0.
if (hv226=6) cookcoal=1.
variable labels cookcoal "Coal/lignite for cooking".
compute cookchar=0.
if (hv226=7) cookchar=1.
variable labels cookchar "Charcoal for cooking".
compute cookwood=0.
if (hv226=8) cookwood=1.
variable labels cookwood "Wood for cooking".
compute cooknone=0.
if (hv226=95) cooknone=1.
variable labels cooknone 'Does not cook'.
compute cookoth=0.
if (hv226=96) cookoth=1.
variable labels cookoth "Other fuel for cooking".
formats cookelec cooklpg cookgas cookbio cookkero cookcoal
cookchar cookwood cooknone cookoth (f1.0).

```

```

*{Reset missing values to "does not have", change 2 code to 0}.
do repeat xamen=hv206 to hv212 hv221 hv243a to hv243d sh109g to
sh109j.

```

```

if (missing(xamen) | xamen<>1) xamen=0.
end repeat.

* Land.
compute landarea=hv245/10.
if (missing(hv245) | hv245=98) landarea=$sysmis.
if (missing(hv244) | hv244<>1) landarea=0.
frequencies hv245 landarea.

*Animals.
do repeat anim=hv246a to hv246k.
if (missing(hv246) | hv246 <>1) anim=0.
end repeat.

missing values hv246a to hv246k (98,99).

* Bank account.
if (missing(hv247) | hv247<>1) hv247=0.

* Compute urban and rural variables coded (1/0) for filters
later.
COMPUTE urban=(hv025 = 1).
COMPUTE rural=(hv025 = 2).
VARIABLE LABELS urban 'Urban' / rural 'Rural'.
VALUE LABELS urban 1 'Urban' / rural 1 'Rural'.
FORMATS urban rural (f1.0).

execute.

* Check on indicator variable creation.

FREQUENCIES VARIABLES=HV025 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 HV246G HV246H HV246I HV246J HV246K HV247 SH109G
SH109H SH109I SH109J DOMESTIC HOUSE
LAND
/ORDER=ANALYSIS.

FREQUENCIES VARIABLES=memsleep h2oires h2oyrd h2onei h2opub
h2obwell h2opwelly h2opwello h2ouwelly
h2ouwello h2opspg h2ouspg h2osurf h2orain h2otruck h2ocart
h2obot h2osales h2ooth flushs flusht
flushp flushp latvip latslab latpit latcomp latpail lathang
latchem latbush latoth latshare sflushs
sflusht sflushp sflushp slatvip slatslab slatpit slatcomp
slatpail slathang slatchem slatooth
dirtfloo woodfloo prqfloo cemtfloo mosfloo rugfloo othfloo
nowall natwall bambwall stomwall

```

```

cardwall rwoodwall tentwall cmtwall stonwall cmtbwall
woodwall othwall noroof natroof palmroof
wproof tentroof tinroof woodroof cmtroof shngroof othroof
cookelec cooklpg cookgas cookbio cookkero
cookcoal cookchar cookwood cooknone cookoth landarea
/ORDER=ANALYSIS.

```

```

* Turn off weights before all factor analysis.
WEIGHT OFF.

```

```

save outfile="c:\hnp2a\haiti 2011\ht11assets.sav".

```

```

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

```

```

FACTOR
/VARIABLES HV206 HV207 HV208 HV209 HV210 HV211 HV212 HV221
HV243A HV243B HV243C HV243D
HV246B HV246C HV246D HV246E HV246F HV247 SH109G SH109H SH109I
SH109J DOMESTIC HOUSE LAND memsleep
h2oires h2oyrd h2onei h2opub h2opwelly h2opwello h2ouwelly
h2ouwello h2opspg h2ouspg
h2osurf h2orain h2otruck h2ocart h2obot h2osales h2ooth
flushs flusht flushp flush latvip latslab
latpit latcomp latpail lathang latchem latbush latoth
latshare sflushs sflusht sflushp sflush
slatvip slatslab slatpit slatcomp slatpail slathang slatchem
slatoth dirtfloo woodfloo prqfloo
centfloo mosfloo othfloo nowall natwall bambwall stomwall
cardwall rwoodwall tentwall
cmtwall stonwall cmtbwall woodwall othwall noroof natroof
palmroof wproof tentroof tinroof woodroof
cmtroof shngroof othroof cookelec cooklpg cookgas cookbio
cookkero cookcoal cookchar cookwood
cooknone landarea
/MISSING MEANSUB
/ANALYSIS HV206 HV207 HV208 HV209 HV210 HV211 HV212 HV221
HV243A HV243B HV243C HV243D
HV246B HV246C HV246D HV246E HV246F HV247 SH109G SH109H SH109I
SH109J DOMESTIC HOUSE LAND memsleep
h2oires h2oyrd h2onei h2opub h2opwelly h2opwello h2ouwelly
h2ouwello h2opspg h2ouspg
h2osurf h2orain h2otruck h2ocart h2obot h2osales h2ooth
flushs flusht flushp flush latvip latslab
latpit latcomp latpail lathang latchem latbush latoth
latshare sflushs sflusht sflushp sflush
slatvip slatslab slatpit slatcomp slatpail slathang slatchem
slatoth dirtfloo woodfloo prqfloo
centfloo mosfloo othfloo nowall natwall bambwall stomwall
cardwall rwoodwall tentwall
cmtwall stonwall cmtbwall woodwall othwall noroof natroof
palmroof wproof tentroof tinroof woodroof

```

```

    cmtroof shngroof othroof cookelec cooklpg cookgas cookbio
cookkero cookcoal cookchar cookwood
    cooknone 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 ****.
** Agricultural animal variables excluded.
** Any others ?.

```

```

FACTOR
/VARIABLES HV206 HV207 HV208 HV209 HV210 HV211 HV212 HV221
HV243A HV243B HV243C HV243D
    HV247 SH109G SH109H SH109I SH109J DOMESTIC HOUSE LAND
memsleep
    h2oires h2oyrd h2onei h2opub h2opwelly h2opwello h2ouwelly
h2ouwello h2opspg h2ouspg
    h2osurf h2orain h2otruck h2ocart h2obot h2osales h2ooth
flushs flusht flushp flushe latvip latslab
    latpit latcomp latpail lathang latchem latbush latoth
latshare sflushs sflusht sflushp sflushe
    slatvip slatslab slatpit slatcomp slatpail slathang slatchem
slatoth dirtfloo woodfloo prqfloo
    centfloo mosfloo othfloo nowall natwall bambwall stomwall
cardwall rwoodwall tentwall
    cmtwall stonwall cmtbwall woodwall othwall noroof natroof
palmroof wproof tentroof tinroof woodroof
    cmtroof shngroof othroof cookelec cooklpg cookgas cookbio
cookkero cookcoal cookchar cookwood
    cooknone
/MISSING MEANSUB
/ANALYSIS HV206 HV207 HV208 HV209 HV210 HV211 HV212 HV221
HV243A HV243B HV243C HV243D
    HV247 SH109G SH109H SH109I SH109J DOMESTIC HOUSE LAND
memsleep
    h2oires h2oyrd h2onei h2opub h2opwelly h2opwello h2ouwelly
h2ouwello h2opspg h2ouspg
    h2osurf h2orain h2otruck h2ocart h2obot h2osales h2ooth
flushs flusht flushp flushe latvip latslab
    latpit latcomp latpail lathang latchem latbush latoth
latshare sflushs sflusht sflushp sflushe
    slatvip slatslab slatpit slatcomp slatpail slathang slatchem

```



```

slatoth dirtfloo woodfloo prgfloo
  centfloo mosfloo othfloo nowall natwall bambwall stomwall
cardwall rwoodwall tentwall
  cmtwall stonwall cmtbwall woodwall othwall noroof natroof
palmroof wproof tentroof tinroof woodroof
  cmtroof shngroof othroof cookelec cooklpg cookgas cookbio
cookkero cookcoal cookchar cookwood
  cooknone
/PRINT UNIVARIATE INITIAL EXTRACTION FSCORE
/CRITERIA FACTORS(1) ITERATE(25)
/EXTRACTION PC
/ROTATION NOROTATE
/SAVE REG(ALL COM)
/METHOD=CORRELATION.

```

weight off.

```

FILTER OFF.
USE ALL.
EXECUTE.

```

```

RANK VARIABLES=com1 (A) /RANK /NTILES (5) /PRINT=YES /TIES=MEAN.

```

** Now do the optimal binning.

```

compute cattle=hv246a.
compute dairy=hv246b.
compute equine=hv246c.
compute goats=hv246d.
compute sheep=hv246e.
compute chicks=hv246f.
execute.

```

```

FREQUENCIES VARIABLES=dairy to chicks.

```

** Classify large animals (cattle, dairy, traction, hogs, goats, sheep, etc.) into the following categories
0, 1-4, 5-9, 10+.

** Classify small animals into the following categories:

0, 1-9, 10-29, 30+.

```

use all.
filter off.
execute.

```

```

numeric dairy1 to dairy4 equine1 to equine4, goats1 to goats4,
sheep1 to sheep4 chicks1 to chicks4.

```

```

do repeat lgan=dairy to sheep
  /lg1=dairy1 equine1 goats1 sheep1
  /lg2=dairy2 equine2 goats2 sheep2
  /lg3=dairy3 equine3 goats3 sheep3

```

```

                                /lg4=dairy4 equine4 goats4 sheep4.
compute lg1=(lgan = 0).
compute lg2=(lgan ge 1 and lgan le 4).
compute lg3=(lgan ge 5 and lgan le 9).
compute lg4=(lgan ge 10 and lgan le 97).
end repeat.
execute.
value labels dairy1 equine1 goats1 sheep1 1 'Zero'.
value labels dairy2 equine2 goats2 sheep2 1 '1 to 4'.
value labels dairy3 equine3 goats3 sheep3 1 '5 to 9'.
value labels dairy4 equine4 goats4 sheep4 1 '10 or more'.

do repeat sman=chicks
                                /sm1=chicks1
                                /sm2=chicks2
                                /sm3=chicks3
                                /sm4=chicks4.
compute sm1=(sman = 0).
compute sm2=(sman ge 1 and sman le 9).
compute sm3=(sman ge 10 and sman le 29).
compute sm4=(sman ge 30 and sman le 97).
end repeat.
execute.
value labels chicks1 1 'Zero'.
value labels chicks2 1 '1 to 9'.
value labels chicks3 1 '10 to 29'.
value labels chicks4 1 '30 or more'.
frequencies dairy1 to chicks4.

USE ALL.
FILTER BY urban.
EXECUTE.

*OPTIMAL BINNING
  /variables guide=ncom1 bin=landarea save=yes (into=landgrpu)
  /CRITERIA preprocess=EQUALFREQ
                                method=MDLP
                                LOWEREND =OBSERVED
                                UPPEREND =OBSERVED
  /MISSING SCOPE = PAIRWISE.

*NUMERIC lagu1 to lagu4.
*VECTOR lagv = lagu1 to lagu4.
*LOOP #i = 1 to 4.
*COMPUTE lagv(#i) = (landgrpu = #i).
*END LOOP.
*EXECUTE.

FACTOR
  /VARIABLES HV206 HV207 HV208 HV209 HV210 HV211 HV212 HV221

```

```

HV243A HV243B HV243C HV243D
  HV247 SH109G SH109H SH109I SH109J DOMESTIC HOUSE LAND
memsleep
  h2oires h2oyrd h2onei h2opub h2opwelly h2opwello h2ouwelly
h2ouwello h2opspg h2ouspg
  h2osurf h2orain h2otruck h2ocart h2obot h2osales h2ooth
flushs flusht flushp flush latvip latslab
  latpit latcomp latpail lathang latchem latbush latoth
latshare sflushs sflusht sflushp sflush
  slatvip slatslab slatpit slatcomp slatpail slathang slatchem
slatoth dirtfloo woodfloo prqfloo
  centfloo mosfloo othfloo nowall natwall bambwall stomwall
cardwall rwoodwall tentwall
  cmtwall stonwall cmtbwall woodwall othwall noroof natroof
palmroof wproof tentroof tinroof woodroof
  cmtroof shngroof othroof cookelec cooklpg cookgas cookbio
cookkero cookcoal cookchar cookwood
  cooknone landarea dairy1 to chicks4
/MISSING MEANSUB
/ANALYSIS HV206 HV207 HV208 HV209 HV210 HV211 HV212 HV221
HV243A HV243B HV243C HV243D
  HV247 SH109G SH109H SH109I SH109J DOMESTIC HOUSE LAND
memsleep
  h2oires h2oyrd h2onei h2opub h2opwelly h2opwello h2ouwelly
h2ouwello h2opspg h2ouspg
  h2osurf h2orain h2otruck h2ocart h2obot h2osales h2ooth
flushs flusht flushp flush latvip latslab
  latpit latcomp latpail lathang latchem latbush latoth
latshare sflushs sflusht sflushp sflush
  slatvip slatslab slatpit slatcomp slatpail slathang slatchem
slatoth dirtfloo woodfloo prqfloo
  centfloo mosfloo othfloo nowall natwall bambwall stomwall
cardwall rwoodwall tentwall
  cmtwall stonwall cmtbwall woodwall othwall noroof natroof
palmroof wproof tentroof tinroof woodroof
  cmtroof shngroof othroof cookelec cooklpg cookgas cookbio
cookkero cookcoal cookchar cookwood
  cooknone landarea dairy1 to chicks4
/PRINT UNIVARIATE INITIAL EXTRACTION FSCORE
/CRITERIA FACTORS(1) ITERATE(25)
/EXTRACTION PC
/ROTATION NOROTATE
/SAVE REG(ALL URB)
/METHOD=CORRELATION.

```

means urb1 by dairy1 to chicks4.

```

USE ALL.
FILTER BY rural.
EXECUTE.

```

OPTIMAL BINNING

```

/variables guide=ncom1 bin=landarea save=yes (into=landgrpr)
/CRITERIA preprocess=EQUALFREQ
                method=MDLP
                LOWEREND =OBSERVED

                                UPPEREND =OBSERVED

/MISSING SCOPE = PAIRWISE.

Frequencies landgrpr.

NUMERIC lagr1 to lagr5.
VECTOR lagv = lagr1 to lagr5.
LOOP #i = 1 to 5.
COMPUTE lagv(#i) = (landgrpr = #i).
END LOOP.
EXECUTE.

FACTOR
/VARIABLES HV206 HV207 HV208 HV209 HV210 HV211 HV212 HV221
HV243A HV243B HV243C HV243D
HV247 SH109G SH109H SH109I SH109J DOMESTIC HOUSE LAND
memsleep
h2oires h2oyrd h2onei h2opub h2opwelly h2opwello h2ouwelly
h2ouwello h2opspg h2ouspg
h2osurf h2orain h2otruck h2ocart h2obot h2osales h2ooth
flushs flusht flushp latvip latslab
latpit latcomp lathang latchem latbush latoth latshare
sflushs sflusht sflushp
slatvip slatslab slatpit slatcomp slatchem slatoth dirtfloo
woodfloo prqfloo
centfloo mosfloo othfloo nowall natwall bambwall stomwall
cardwall rwoodwall tentwall
cmtwall stonwall cmtbwall woodwall othwall noroof natroof
palmroof wproof tentroof tinroof woodroof
cmtroof shngroof othroof cookelec cooklpg cookbio cookkero
cookcoal cookchar cookwood
cooknone lagr1 to lagr2 dairy1 to equine3 goats1 to chicks4
/MISSING MEANSUB
/ANALYSIS HV206 HV207 HV208 HV209 HV210 HV211 HV212 HV221
HV243A HV243B HV243C HV243D
HV247 SH109G SH109H SH109I SH109J DOMESTIC HOUSE LAND memsleep
h2oires h2oyrd h2onei h2opub h2opwelly h2opwello h2ouwelly
h2ouwello h2opspg h2ouspg
h2osurf h2orain h2otruck h2ocart h2obot h2osales h2ooth
flushs flusht flushp latvip latslab
latpit latcomp lathang latchem latbush latoth latshare
sflushs sflusht sflushp
slatvip slatslab slatpit slatcomp slatchem slatoth dirtfloo
woodfloo prqfloo
centfloo mosfloo othfloo nowall natwall bambwall stomwall
cardwall rwoodwall tentwall
cmtwall stonwall cmtbwall woodwall othwall noroof natroof

```

```

palmroof wproof tentroof tinroof woodroof
  cmtroof shngroof othroof cookelec cooklpg cookbio cookkero
cookcoal cookchar cookwood
  cooknone lagr1 to lagr2 dairyl to equine3 goats1 to chicks4
  /PRINT UNIVARIATE INITIAL EXTRACTION FSCORE
  /CRITERIA FACTORS(1) ITERATE(25)
  /EXTRACTION PC
  /ROTATION NOROTATE
  /SAVE REG(ALL RUR)
  /METHOD=CORRELATION.
means rur1 by lagr1 to lagr2 dairyl to chicks4.

* Calculate regressions with total score.

* To be added in where the regressions take place:.

* Name the dataset window for the hh data for use later.
dataset name assets.

* label the created score variables.
variable labels
  com1 "Common wealth score"
  /urb1 "Urban wealth score"
  /rur1 "Rural wealth score".

* Add a variable used for linking later.
use all.
string ROWTYPE_ (A8).
compute ROWTYPE_ = 'EST'.

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

use all.
filter by urban.
execute.

* Declare a dataset to be written to in the regression.
dataset declare urbcorv.
regression
  /missing listwise
  /statistics coeff outs r anova
  /criteria=pin(.05) pout(.10)
  /noorigin
  /dependent com1
  /method=enter urb1
  /outfile=corv(urbcorv).
* Activate file of output from regression.
dataset activate urbcorv.
* Drop all rows of output except the coefficients.
select if (ROWTYPE_ = 'EST').
execute.

```

```

* Delete unnecessary variables before merging.
delete variables DEPVAR_ VARNAME_.
* Rename variables containing the constant and the coefficient.
rename variables CONST_=urbconst urb1=urbcoeff.

* Re-activate the main household data.
dataset activate assets.
* Rename the urban score.
rename variables urb1=urbscore.
* merge the coefficients.
match files
  /file = *
  /table = urbcorv
  /by ROWTYPE_.
execute.

** Rural area.

use all.
filter by rural.

* Declare a dataset to be written to in the regression.
dataset declare rurcorv.
regression
  /missing listwise
  /statistics coeff outs r anova
  /criteria=pin(.05) pout(.10)
  /noorigin
  /dependent com1
  /method=enter rur1
  /outfile=corv(rurcorv).
* Activate file of output from regression.
dataset activate rurcorv.
* Drop all rows of output except the coefficients.
select if (ROWTYPE_ = 'EST').
execute.
* Delete unnecessary variables before merging.
delete variables DEPVAR_ VARNAME_.
* Rename variables containing the constant and the coefficient.
rename variables CONST_=rurconst rur1=rurcoeff.

* Re-activate the main household data.
dataset activate assets.
* Rename the rural score.
rename variables rur1=rurscore.
* merge the coefficients.
match files
  /file = *
  /table = rurcorv
  /by ROWTYPE_.
execute.

```

```

use all.

dataset close urbcorv.
dataset close rurcorv.
dataset activate assets.

*** Calculate combined wealth score from Urban and Rural Scores.
* Use coefficients from urban and rural regressions above!.
compute comb scor=0.
variable labels comb scor "Combined wealth score".
formats comb scor (f11.5).
** Urban - replace values with those from the regressions above!.
if (urban = 1) comb scor=urbconst+urbcoeff*urbscore.
** Rural - replace values with those from the regressions above!.
if (rural = 1) comb scor=rurconst+rurcoeff*rurscore.
execute.

** Urban Area.

*Tabulation for histograms.
compute hhwt = hv005/1000000.
VARIABLE LABELS hhwt 'HH weights' .
weight by hhwt.
filter off.
use all.

FREQUENCIES
  VARIABLES=combscor COM1 /FORMAT=NOTABLE
  /NTILES= 5
  /STATISTICS=STDDEV MEAN
  /HISTOGRAM NORMAL
  /ORDER=ANALYSIS.

USE ALL.
FILTER BY urban.
EXECUTE.

FREQUENCIES
  VARIABLES=combscor URBscore /FORMAT=NOTABLE
  /NTILES= 5
  /STATISTICS=STDDEV MEAN
  /HISTOGRAM NORMAL
  /ORDER=ANALYSIS.

USE ALL.
FILTER BY rural.
EXECUTE.

FREQUENCIES
  VARIABLES=combscor RURscore /FORMAT=NOTABLE

```

```

/NTILES= 5
/STATISTICS=STDDEV MEAN
/HISTOGRAM NORMAL
/ORDER=ANALYSIS.

FILTER OFF.
USE ALL.
EXECUTE.

*Calculate quintiles and scores for data file.
compute hhmemwt=hv005*hhusual/1000000.
weight by hhmemwt.
VARIABLE LABELS hhmemwt 'HH members weighting for index'.

** Urban Area.
USE ALL.
FILTER BY urban.
EXECUTE.

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

** Rural Area.
USE ALL.
FILTER BY rural.
EXECUTE.

RANK VARIABLES=rurscore (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.

*** Check on quintiles.

frequencies variables=ncombsco.

weight by hhwt.

```



```

MEANS TABLES=
  HV206 HV207 HV208 HV209 HV210 HV211 HV212 HV221 HV243A HV243B
HV243C HV243D
  HV246B HV246C HV246D HV246E HV246F HV247 SH109G SH109H SH109I
SH109J DOMESTIC HOUSE LAND memsleep
  h2oires h2oyrd h2onei h2opub h2opwelly h2opwello h2ouwelly
h2ouwello h2opspg h2ouspg
  h2osurf h2orain h2otruck h2ocart h2obot h2osales h2ooth
flushs flusht flushp flushe latvip latslab
  latpit latcomp latpail lathang latchem latbush latoth
latshare sflushs sflusht sflushp sflushe
  slatvip slatslab slatpit slatcomp slatpail slathang slatchem
slatoth dirtfloo woodfloo prqfloo
  cemtloo mosfloo othfloo nowall natwall bambwall stomwall
cardwall rwoodwall tentwall
  cmtwall stonwall cmtbwall woodwall othwall noroof natroof
palmroof wproof tentroof tinroof woodroof
  cmtroof shngroof othroof cookelec cooklpg cookgas cookbio
cookkero cookcoal cookchar cookwood
  cooknone landarea lagr1 to lagr2 dairy1 to chicks4
  by Ncombsco
  /CELLS MEAN COUNT STDDEV.

```

WEIGHT OFF.

save outfile="c:\hnp2a\Haiti 2011\ht11assets.sav".

*** Write out scores file.

WRITE OUTFILE="c:\hnp2a\Haiti 2011\ht11scores.dat"

TABLE

/hhid combscor ncombsco urbscore nurbscor rurscore nrurscor.

EXECUTE.