

DATA LIST FILE=' PE9ASSET. DAT' RECORDS=1

/

HHI D	1-12	(A)
HV005	13-20	
HV012	21-22	
HV013	23-24	
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HV237B	68-68	
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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
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HV251	122-123
HV270	124-124
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SH32	151-151
SH33	152-152
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SH39	154-154
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SH41	156-156
SH42	157-160
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SH49	164-165
SH50	166-166
SH51A	167-167
SH51B	168-168
SH51C	169-169
SH51D	170-170
SH51E	171-171
SH51J	172-172
SH51K	173-173
SH51L	174-174
SH51M	175-175
SH51N	176-176
SH51O	177-177
SH51P	178-178
SH51Q	179-179
SH51R	180-180
SH51S	181-181
SH53	182-182
SH54	183-184
SH56	185-185
SH59	186-186
SH60	187-188
SH61	189-190
SH62	191-192
SH63	193-193
SH67A	194-194
SH67B	195-195
SH67C	196-196
SH67D	197-197
SH67E	198-198

SH68F	199-199
SH69	200-200
SH70	201-204
SH108	205-206
SH110	207-207
SH01H	208-209
SH01M	210-211
SH81H	212-213
SH81M	214-215
HV024	216-217
HV025	218-218
HV026	219-219
DOMESTIC	220-220
OWNLAND	221-221

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"

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/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 "Cows, bulls own"
 /HV246C "Horses, donkeys, mules own"
 /HV246D "Goats own"
 /HV246E "Sheep own"
 /HV246F "Chickens own"
 /HV246G "Poultry own"
 /HV246H "Cuyes/rabbits own"
 /HV246I "Pigs own"
 /HV246J "Other own"
 /HV246K "CS 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"
 /SHVER "Version of questionnaire"
 /SHREGI ON "Regi on natural "
 /SHSEMES "Data collection round number"
 /SHPROVIN "Province"
 /SHDI STRI "District"
 /SHTOTH "Households in dwelling"
 /SHEQUI PO "Field work team"
 /SH32 "Water to drink is available the one whole day"
 /SH33 "Last 2 weeks was water discontinued for a day or more"
 /SH37 "Do you store the water to drink"
 /SH39 "Does household pays for water service"
 /SH40 "Agency that collects water fees"
 /SH41 "How often pays for water service"
 /SH42 "Water bill average (1 decimal)"
 /SH46 "How often is the bathroom or latrine cleaned"
 /SH48 "Where does household throw away the garbage"
 /SH49 "How often is garbage picked up"
 /SH50 "Before disposing of garbage where it is stored"
 /SH51A "Has a sofa"
 /SH51B "Has a cabinet"
 /SH51C "Has a shelf"
 /SH51D "Has a wardrobe"
 /SH51E "Has a wall clock"
 /SH51J "Has cable television"
 /SH51K "Has a blender"
 /SH51L "Has a gas cooker"
 /SH51M "Has a kerosene cooker"
 /SH51N "Has a microwave"
 /SH51O "Has a washing machine"
 /SH51P "Has a computer"
 /SH51Q "Has internet access at home"
 /SH51R "Has a water pump"

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/SH51S "Has an electric generator"
 /SH53 "Uses another type of fuel for cooking"
 /SH54 "Type of other fuel used for cooking"
 /SH56 "Kitchen has a chimney or a vent to eliminate smoke"
 /SH59 "Does household buys fuel for cooking"
 /SH60 "Type of lighting used by household"
 /SH61 "Number of rooms in the household"
 /SH62 "Number of rooms for sleeping"
 /SH63 "Has a net"
 /SH67A "Dwelling has windows"
 /SH67B "Windows with glass"
 /SH67C "Windows with shutters"
 /SH67D "Windows with screens"
 /SH67E "Windows with curtains/blinds"
 /SH68F "Any other transportation type (horses, peque-peque, etc)"
 /SH69 "Any household member rents land for agricultural use"
 /SH70 "Hectares owned by household members (1 decimal)"
 /SH108 "Salt brand used by household"
 /SH110 "Chlorine test"
 /SH01H "Time HH interview begins (hour)"
 /SH01M "Time HH interview begins (minutes)"
 /SH81H "Time HH interview ends (hour)"
 /SH81M "Time HH interview ends (minutes)"
 /HV024 "Region"
 /HV025 "Type of place of residence"
 /HV026 "Place of residence"
 /DOMESTIC "If HH has a domestic worker not related to head"
 /OWNLAND "If household works own or family's agric. land"

MISSING VALUE
 HV201 (99)
 /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)

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/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)
/SH32 (9)
/SH33 (9)
/SH37 (9)
/SH39 (9)
/SH40 (9)
/SH41 (9)
/SH42 (9999)
/SH46 (9)
/SH48 (99)
/SH49 (99)
/SH50 (9)
/SH51A (9)
/SH51B (9)
/SH51C (9)
/SH51D (9)
/SH51E (9)
/SH51J (9)
/SH51K (9)
/SH51L (9)
/SH51M (9)
/SH51N (9)
/SH51O (9)
/SH51P (9)
/SH51Q (9)
/SH51R (9)
/SH51S (9)
/SH53 (9)
/SH54 (99)
/SH56 (9)
/SH59 (9)
/SH61 (99)

/SH63 (9)
 /SH67A (9)
 /SH67B (9)
 /SH67C (9)
 /SH67D (9)
 /SH67E (9)
 /SH68F (9)
 /SH69 (9)
 /SH70 (9999)
 /SH01H (99)
 /SH01M (99)
 /SH81H (99)
 /SH81M (99)
 /HV026 (9)

VALUE LABELS

HV201
 10 "PIPED WATER"
 11 "Piped into dwelling"
 12 "Piped outside dwelling but within building"
 13 "Public tap/standpipe"
 20 "TUBE WELL WATER"
 21 "Well inside dwelling"
 22 "Public well"
 40 "SURFACE WATER"
 41 "Spring"
 42 "Unprotected spring"
 43 "River/dam/lake/ponds/stream/canal/irrigation channel"
 51 "Rainwater"
 61 "Tanker truck"
 71 "Bottled water"
 96 "Other"

/HV202
 10 "PIPED WATER"
 11 "Piped into dwelling"
 12 "Piped outside dwelling but within building"
 13 "Public tap/standpipe"
 20 "TUBE WELL WATER"
 21 "Well inside dwelling"
 22 "Public well"
 40 "SURFACE WATER"
 41 "Spring"
 42 "Unprotected spring"
 43 "River/dam/lake/ponds/stream/canal/irrigation channel"
 51 "Rainwater"
 61 "Tanker truck"
 71 "Bottled water"
 96 "Other"

/HV204
 996 "On premises"

/HV205
 10 "FLUSH TOILET"
 11 "Inside dwelling"
 12 "Outside dwelling"
 20 "PIT TOILET LATRINE"
 21 "Ventilated latrine"
 22 "Septic well"
 23 "Latrine (ci ego o negro)"
 24 "Latrine over river/lake"
 30 "NO FACILITY"
 31 "River, canal"
 32 "No service"
 96 "OTHER"

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/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"
  20 "RUDI MENTARY"
  21 "Wood"
  30 "FINI SHED"
  31 "Parket"
  32 "Asphl at tiles/vynil"
  33 "Grani te, cerami c tiles"
  34 "Cement/bri ck"
  96 "OTHER"
/HV214
  10 "NATURAL"
  11 "Wood"
  12 "Estera"
  13 "Rustic mats"
  20 "RUDI MENTARY"
  21 "Mud or mud bricks"
  22 "Bambu wi th mud"
  23 "Stone wi th mud"
  24 "Carton"
  30 "FINI SHED"
  31 "Brick/cement blocks"
  32 "Stone wi th cal or cement"
  33 "Compressed wood"
  41 "No walls"
  96 "OTHER"
/HV215
  10 "NATURAL"
  11 "Straw and pal m leaves"
  12 "Estera"
  20 "RUDI MENTARY"
  21 "Bambu wi th mud"
  22 "Carton"
  30 "FINI SHED"
  31 "Concrete pl aque"
  32 "Wood"
  33 "Ti les"
  34 "Pl aque from di fferent materi al s"
  41 "Wi th no roof"
  96 "OTHER"
/HV217

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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"
 /HV237B
 0 "No"
 1 "Yes"
 /HV237C
 0 "No"
 1 "Yes"
 /HV237D
 0 "No"
 1 "Yes"
 /HV237E
 0 "No"
 1 "Yes"
 /HV237F
 0 "No"
 1 "Yes"
 /HV237G
 0 "No"
 1 "Yes"
 /HV237H
 0 "No"
 1 "Yes"
 /HV237I
 0 "No"
 1 "Yes"
 /HV237J
 0 "No"
 1 "Yes"
 /HV237K
 0 "No"
 1 "Yes"
 /HV237X
 0 "No"
 1 "Yes"
 /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"
96 "Area givien in other than hectares"
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 "Mi ssi ng"
 /HV250
 8 "DK"
 /HV270
 1 "Poorest"
 2 "Poorer"
 3 "Mi ddl e"
 4 "Ri cher"
 5 "Ri chest"
 /HML1
 98 "Don' t know"
 /SHVER
 1 "2004"
 2 "2005"
 3 "2006"
 4 "2007"
 5 "2008"
 /SHREGI ON
 1 "Li ma metropol itana"
 2 "Resto Costa"
 3 "Si erra"
 4 "Sel va al ta"
 5 "Sel va baj a"
 /SH32
 0 "No"
 1 "Yes"
 /SH33
 0 "No"
 1 "Yes"
 /SH37
 0 "No"
 1 "Yes"
 /SH39
 0 "No"
 1 "Yes"
 8 "DK"
 /SH40
 1 "Publ ic agency/company"
 2 "Pri vate agency/company"
 3 "Other pri vate water provi der"
 6 "Other"
 /SH41
 1 "Every time they come"
 2 "Dai ly"
 3 "Weekl y"
 4 "Monthl y"
 6 "Other"
 8 "DK"
 /SH42
 4010 "401+"
 9996 "Otro"
 9998 "No sabe"
 /SH46
 1 "Several times during the day"
 2 "Dai ly"
 3 "Several times during the week"
 4 "Weekl y"
 5 "8+ days"
 6 "Never"

8 "DK"
/SH48
11 "Picked at home by government"
12 "Picked at home by municipality"
13 "Picked at home by community"
14 "Picked at home by private companies"
15 "Picked at home by other"
21 "Throw in government containers"
22 "Throw in municipality containers"
23 "Throw in community containers"
24 "Throw in private company containers"
31 "Throw in open space"
41 "Throw in far away place"
42 "Throw on streets"
43 "Throw in yard/plot"
51 "Burn"
61 "Bury"
71 "Make compost"
81 "Use to feed animals"
96 "Other"
98 "DK"
/SH49
1 "Daily"
2 "Several times during week"
3 "Weekly"
4 "Every other week"
5 "Once per month"
6 "Irregular timing"
96 "Other"
98 "DK"
/SH50
1 "Cover recipient/container"
2 "Uncover recipient/container"
3 "Plastic bags"
4 "Paper bags"
5 "Do not have recipient"
6 "Other"
8 "DK"
/SH51A
0 "No"
1 "Yes"
/SH51B
0 "No"
1 "Yes"
/SH51C
0 "No"
1 "Yes"
/SH51D
0 "No"
1 "Yes"
/SH51E
0 "No"
1 "Yes"
/SH51J
0 "No"
1 "Yes"
/SH51K
0 "No"
1 "Yes"
/SH51L
0 "No"
1 "Yes"
/SH51M

0 "No"
 1 "Yes"
 /SH51N
 0 "No"
 1 "Yes"
 /SH510
 0 "No"
 1 "Yes"
 /SH51P
 0 "No"
 1 "Yes"
 /SH51Q
 0 "No"
 1 "Yes"
 /SH51R
 0 "No"
 1 "Yes"
 /SH51S
 0 "No"
 1 "Yes"
 /SH53
 0 "No"
 1 "Yes"
 /SH54
 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"
 /SH56
 0 "No"
 1 "Yes"
 6 "Other"
 /SH59
 0 "No"
 1 "Yes"
 8 "DK"
 /SH60
 1 "Electricity"
 2 "LPG"
 3 "Natural gas"
 4 "Kerosene"
 5 "Candles"
 6 "Battery"
 96 "Other"
 /SH61
 30 "30+"
 /SH63
 0 "No"
 1 "Yes"
 /SH67A
 0 "No"
 1 "Yes"
 8 "DK"
 /SH67B

0 "No"
 1 "Yes"
 /SH67C
 0 "No"
 1 "Yes"
 /SH67D
 0 "No"
 1 "Yes"
 /SH67E
 0 "No"
 1 "Yes"
 /SH68F
 0 "No"
 1 "Yes"
 /SH69
 0 "No"
 1 "Yes"
 8 "DK"
 /SH70
 0 "Less than 0.1 hectares"
 5010 "501+"
 9996 "Area given in units other than hectares"
 9998 "DK"
 /SH108
 1 "Norsal "
 2 "Pura sal "
 3 "Mari na"
 4 "Emsal "
 5 "Supersal adi ta"
 6 "Sal i na"
 7 "Varsal "
 8 "Marsal "
 9 "Mari sal "
 10 "Norteño"
 11 "El i ta"
 12 "Mi puri ta"
 13 "Sal ci ta var"
 14 "Chi ni ta"
 15 "Vi va"
 16 "Costeño ta"
 17 "Sal ci ta"
 18 "Sabrosi ta"
 19 "El i ta sal "
 20 "Li berteña"
 21 "Ri ca norteño ta"
 22 "Bl anqui ta"
 23 "Esal "
 24 "Extra sal "
 96 "Otro"
 /SH110
 1 ">= 0.5 mg/l t"
 2 "From 0.1 to < than 0.5 mg/l t"
 3 "0.0 mg/l t"
 4 "Take the water as it comes from river, srping, well, etc"
 9 "Test could not be taken"
 /HV024
 1 "Amazonas"
 2 "Ancash"
 3 "Apuri mac"
 4 "Arequi pa"
 5 "Ayacucho"
 6 "Caj amarca"
 7 "Cal I ao"

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8 "Cusco"
9 "Huancavelica"
10 "Huanuco"
11 "Ica"
12 "Junin"
13 "La Libertad"
14 "Lambayeque"
15 "Lima"
16 "Loreto"
17 "Madre de Dios"
18 "Moquegua"
19 "Pasco"
20 "Pura"
21 "Puno"
22 "San Martin"
23 "Tacna"
24 "Tumbes"
25 "Ucayali"
/HV025
1 "Urban"
2 "Rural"
/HV026
0 "Capital, large city"
1 "Small city"
2 "Town"
3 "Country side"
/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 h2opwell=0.
if (hv201=21) h2opwell=1.
var labels h2opwell "Well inside dwelling".
compute h2opbwell=0.
if (hv201=22) h2opbwell=1.
var labels h2opbwell "Public Well".
compute h2osprng=0.
if (hv201=41) h2osprng=1.

```


PE9ASSETsps.txt

```
var labels h2osprng "Spring water".
compute h2ouspg=0.
  if (hv201=42) h2ouspg=1.
  var labels h2ouspg "Unprotected spring water".
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 "Rainwater".
compute h2otrk=0.
  if (hv201=61) h2otrk=1.
  var labels h2otrk "Tanker truck".
compute h2obotl=0.
  if (hv201=71) h2obotl=1.
  var labels h2obotl "Tanker truck".
compute h2ooth=0.
  if (hv201=96) h2ooth=1.
  var labels h2ooth "Other water source".

*{Toilet facility}.
compute flushin=0.
  if (hv205=11) flushin=1.
  var labels flushin "Flush toilet inside dwelling".
compute flushout=0.
  if (hv205=12) flushout=1.
  var labels flushout "Flush toilet outside dwelling".
compute latvip=0.
  if (hv205=21) latvip=1.
  var labels latvip "Ventilated latrine".
compute latsep=0.
  if (hv205=22) latsep=1.
  var labels latsep "Septic well".
compute latpit1=0.
  if (hv205=23) latpit1=1.
  var labels latpit1 "Pit latrine".
compute lathang=0.
  if (hv205=31) lathang=1.
  var labels lathang "Latrine over river/lake/canal".
compute latbush=0.
  if (hv205=32) latbush=1.
  var labels latbush "No facility/bush/field".
compute latoth=0.
  if (hv205=96) latoth=1.
  var labels latoth "Other toilet facility".

compute shared=0.
  if (hv225=1) shared=1.
  var labels shared "Shared toilet or latrine".
compute sflushin=0.
  if (hv205=11 and hv225=1) sflushin=1.
  var labels sflushin "Shared flush toilet inside dwelling".
compute sflushot=0.
  if (hv205=12 and hv225=1) sflushot=1.
  var labels sflushot "Shared flush toilet outside dwelling".
compute slatvip=0.
  if (hv205=21 and hv225=1) slatvip=1.
  var labels slatvip "Shared ventilated latrine".
compute slatsep=0.
  if (hv205=22 and hv225=1) slatsep=1.
  var labels slatsep "Shared septic well".
compute slatpit1=0.
  if (hv205=23 and hv225=1) slatpit1=1.
```

PE9ASSETsps.txt

```
var labels slatpit1 "Shared pit latrine".
compute slathang=0.
if (hv205=31 and hv225=1) slathang=1.
var labels slathang "Shared latrine over river/lake/canal".
```

```
*{Flooring}.
compute dirtfl oo=0.
if (hv213=11) dirtfl oo=1.
var labels dirtfl oo "Earth, mud, dung floor".
compute woodfl oo=0.
if (hv213=21) woodfl oo=1.
var labels woodfl oo "Rudimentary wood plank floor".
compute prqfl oo=0.
if (hv213=31) prqfl oo=1.
var labels prqfl oo "Parquet, wood tile floor".
compute vinfloo=0.
if (hv213=32) vinfloo=1.
var labels vinfloo "Asphalt, vinyl tile floor".
compute tilefl oo=0.
if (hv213=33) tilefl oo=1.
var labels tilefl oo "Terrazo, ceramic tile floor".
compute centfl oo=0.
if (hv213=34) centfl oo=1.
var labels centfl oo "Cement, brick floor".
compute othfl oo=0.
if (hv213=96) othfl oo=1.
var labels othfl oo "Other type of flooring".
```

```
*{Walls}.
compute woodwall =0.
if (hv214=11) woodwall =1.
var labels woodwall "Wood walls".
compute natwall =0.
if (hv214=12) natwall =1.
var labels natwall "Estera".
compute tabwall =0.
if (hv214=13) tabwall =1.
var labels tabwall "Rustic mat".
compute adobwall =0.
if (hv214=21) adobwall =1.
var labels adobwall "Adobe walls".
compute bbmwall =0.
if (hv214=22) bbmwall =1.
var labels bbmwall "Bamboo with mud".
compute stonmwall =0.
if (hv214=23) stonmwall =1.
var labels stonmwall "Stone with mud".
compute cartwall =0.
if (hv214=24) cartwall =1.
var labels cartwall "Carton for walls".
compute cmtwall =0.
if (hv214=31) cmtwall =1.
var labels cmtwall "Brick, Cement block walls".
compute stoncwall =0.
if (hv214=32) stoncwall =1.
var labels stoncwall "Stone with cal, cement walls".
compute plywdwall =0.
if (hv214=33) plywdwall =1.
var labels plywdwall "Plywood walls".
compute nowall =0.
if (hv214=41) nowall =1.
var labels nowall "No walls".
```

```

compute othwall=0.
  if (hv214=96) othwall=1.
  var labels othwall "Other type of walls".

*{Roofing}.
compute natroof=0.
  if (hv215=11) natroof=1.
  var labels natroof "Straw/Palm/Cane/Mud roof".
compute estroof=0.
  if (hv215=12) estroof=1.
  var labels estroof "Rustic mat roof".
compute bbroof=0.
  if (hv215=21) bbroof=1.
  var labels bbroof "Bamboo with mud roof".
compute cartroof=0.
  if (hv215=22) cartroof=1.
  var labels cartroof "Carton roof".
compute cmtroof=0.
  if (hv215=31) cmtroof=1.
  var labels cmtroof "Cement shingle roof".
compute woodroof=0.
  if (hv215=32) woodroof=1.
  var labels woodroof "Wood roof".
compute tileroof=0.
  if (hv215=33) tileroof=1.
  var labels tileroof "Ceramic tile roof".
compute corrroof=0.
  if (hv215=34) corrroof=1.
  var labels corrroof "Corrugated roof".
compute noroof=0.
  if (hv215=41) noroof=1.
  var labels noroof "No 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 "Bottled gas 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 cookstrw=0.
  if (hv226=9) cookstrw=1.

```

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```
var labels cookstrw "Straw, shrubs, grass for cooking".
compute cookcrop=0.
  if (hv226=10) cookcrop=1.
  var labels cookcrop "Crop residues 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 stove for cooking}.
```

```
*{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(hv244)) hv244=0.
if (missing(hv246)) hv246=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) hv246h=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.
```

```
** Other assets owned **.
```

```
if (missing(sh51a)) sh51a=0.
```

PE9ASSETsps.txt

```
if (missing(sh51b)) sh51b=0.
if (missing(sh51c)) sh51c=0.
if (missing(sh51d)) sh51d=0.
if (missing(sh51e)) sh51e=0.
if (missing(sh51j)) sh51j=0.
if (missing(sh51k)) sh51k=0.
if (missing(sh51l)) sh51l=0.
if (missing(sh51m)) sh51m=0.
if (missing(sh51n)) sh51n=0.
if (missing(sh51o)) sh51o=0.
if (missing(sh51p)) sh51p=0.
if (missing(sh51q)) sh51q=0.
if (missing(sh51r)) sh51r=0.
if (missing(sh51s)) sh51s=0.
```

```
** Lighting fuel **.
compute elect=0.
if (sh60=1) elect=1.
var labels elect 'Electric lighting'.
compute lpglt=0.
if (sh60=2) lpglt=1.
var labels lpglt 'LPG lighting'.
compute natglt=0.
if (sh60=3) natglt=1.
var labels natglt 'Natural gas lighting'.
compute kerolt=0.
if (sh60=4) kerolt=1.
var labels kerolt 'Kerosene lighting'.
compute candlt=0.
if (sh60=5) candlt=1.
var labels candlt 'Candle lighting'.
compute battlt=0.
if (sh60=6) battlt=1.
var labels battlt 'Battery lighting'.
compute othlt=0.
if (sh60=96) othlt=1.
var labels othlt 'Other lighting'.
```

```
if (missing(sh67a) or sh67a=8) sh67a=0.
if (missing(sh67b) or sh67b=8) sh67b=0.
if (missing(sh67c) or sh67c=8) sh67c=0.
if (missing(sh67d) or sh67d=8) sh67d=0.
if (missing(sh67e) or sh67e=8) sh67e=0.
if (missing(sh68f) or sh68f=8) sh68f=0.
if (missing(sh69) or sh69=8) sh69=0.
execute.
```

```
** Dwelling type **.
```

```
** House ownership **.
```

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

```
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
/ORDER= ANALYSIS .
```

FREQUENCIES

```
VARIABLES=SH51A SH51B SH51C SH51D SH51E SH51J SH51K SH51L SH51M SH51N SH51O
```

PE9ASSETsps.txt

SH51P SH51Q SH51R SH51S SH60 SH61 SH62 SH67A SH67B SH67C SH67D SH67E SH68F
SH69
/ORDER= ANALYSIS .

FREQUENCIES

VARIABLES=DOMESTIC OWNLAND h2oires h2oyrdr h2opub h2opvwell h2opbwell
h2ppbwell h2osprng h2ouspg h2osurf h2orain h2otrk h2obotl h2ooth flushin
flushout latvip latsep latpit1 lathang latbush latoth
sflushin sflushot slatvip slatsep slatpit1 slathangdi rtfl oo
woodfl oo prqfl oo vinfloo tilefl oo centfl oo othfl oo woodwall natwall tabwall
adobwall bbmwall stonmwall cartwall cmtwall stoncwall plywdwall nowall
othwall natroof estroof bbroof cartroof cmtroof woodroof tileroof corroof
norooft othroof cookelec cooklpg cookgas cookkero cookcoal cookchar
cookwood cookstrw cookcrop cookdung cooknot cookoth elect lpglt natgl t
kerolt candlt battlt othlt
/ORDER= ANALYSIS .

FACTOR

/VARIABLES HV206 HV207 HV208 HV209 HV210 HV211 HV212 HV221 HV243A
HV243C HV243D HV247 SH51A SH51B SH51C SH51D SH51E SH51J SH51K SH51L SH51M
SH51N SH51O SH51P SH51Q SH51R SH51S SH61 SH67A SH67B SH67C SH67D SH67E SH68F
DOMESTIC memsleep h2oires h2oyrdr h2opub h2opvwell h2opbwell h2osprng
h2osurf h2orain h2otrk h2obotl h2ooth flushin flushout latvip latsep
latpit1 lathang latbush latoth shared dirtfl oo woodfl oo prqfl oo vinfloo
tilefl oo centfl oo othfl oo woodwall natwall tabwall adobwall bbmwall
stonmwall cartwall cmtwall stoncwall plywdwall nowall othwall natroof
estroof bbroof cartroof cmtroof woodroof tileroof corroof othroof
cookelec cooklpg cookgas cookkero cookcoal cookchar cookwood
cookstrw cookcrop cookdung cooknot cookoth elect lpglt kerolt candlt
battlt othlt sflushin sflushot slatvip slatsep slatpit1 /MISSING
MEANSUB /ANALYSIS HV206 HV207 HV208 HV209 HV210 HV211 HV212 HV221 HV243A
HV243C HV243D HV247 SH51A SH51B SH51C SH51D SH51E SH51J SH51K SH51L
SH51M SH51N SH51O SH51P SH51Q SH51R SH51S SH61 SH67A SH67B SH67C SH67D SH67E
SH68F DOMESTIC memsleep h2oires h2oyrdr h2opub h2opvwell h2opbwell h2osprng
h2osurf h2orain h2otrk h2obotl h2ooth flushin flushout latvip latsep
latpit1 lathang latbush latoth shared dirtfl oo woodfl oo prqfl oo vinfloo
tilefl oo centfl oo othfl oo woodwall natwall tabwall adobwall bbmwall
stonmwall cartwall cmtwall stoncwall plywdwall nowall othwall natroof
estroof bbroof cartroof cmtroof woodroof tileroof corroof othroof
cookelec cooklpg cookgas cookkero cookcoal cookchar cookwood
cookstrw cookcrop cookdung cooknot cookoth elect lpglt kerolt candlt
battlt othlt sflushin sflushot slatvip slatsep slatpit1
/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

```

                                PE9ASSETsps.txt
/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
  HV243C HV243D HV247 SH51A SH51B SH51C SH51D SH51E SH51J SH51K SH51L SH51M
  SH51N SH51O SH51P SH51Q SH51R SH51S SH61 SH67A SH67B SH67C SH67D SH67E SH68F
  DOMESTIC memsleep h2oi res h2oyrdr h2opub h2opvwell h2opbwell h2osprng
  h2osurf h2orain h2otrk h2obotl h2ooth flushin flushout latvip latsep
  latpit1 lathang latbush latoth shared dirtfl oo woodfl oo prqfl oo vlnfl oo
  tilefl oo centfl oo othfl oo woodwall natwall tabwall adobwall bbmwall
  stonmwall cartwall cmtwall stoncwall plywdwall nowall othwall natroof
  estroof bbroof cartroof cmtr oof woodroof tileroof corroof othroof
  cookelec cooklpg cookgas cookkero cookcoal cookchar cookwood
  cookstrw cookcrop cookdung cooknot cookoth elect lpgl t kerol t candl t
  battl t othl t sflushin sflushot slatvip slatsep slatpit1
BY nfac1_1
  /CELLS MEAN COUNT STDDEV .

compute hv271=fac1_1.
compute hv270=nfac1_1.

save outfile="pe9assets.sav".

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

compute hhwt=hv005/1000000.
weight by hhwt.

GRAPH
  /HI STOGRAM(NORMAL)=fac1_1
  /TITLE= 'Distribution of Households by Wealth Scores Peru 2009' .
FREQUENCIES
  VARIABLES=fac1_1 /FORMAT=NOTABLE
  /NTILES= 5
  /STATISTICS=STDDEV MINIMUM MAXIMUM SEMEAN MEAN MEDIAN MODE SKEWNESS SESKEW
  KURTOSIS SEKURT
  /ORDER= ANALYSIS .

WRITE OUTFILE='pe9scores.dat'
  TABLE
  /hid hv270 fac1_1.
EXECUTE.

WEIGHT OFF.

FACTOR
  /VARIABLES HV206 HV207 HV208 HV209 /MISSING MEANSUB /ANALYSIS HV206 HV207
  HV208 HV209
  /PRINT UNIVARIATE INITIAL EXTRACTION FSCORE
  /CRITERIA FACTORS(1) ITERATE(25)
  /EXTRACTION PC

```

```
/ROTATION NOROTATE  
/SAVE REG(ALL)  
/METHOD=CORRELATION .
```

PE9ASSETsps.txt