

DATA LIST FILE='H:\HNP\_POVERTY\non-contract countries\ghana2003  
\ASSETS.DAT' RECORDS=1

/

HHID	1-12	(A)
HV005	13-20	
HV012	21-22	
HV013	23-24	
HV201	25-26	
HV204	27-29	
HV205	30-31	
HV206	32-32	
HV207	33-33	
HV208	34-34	
HV209	35-35	
HV210	36-36	
HV211	37-37	
HV212	38-38	
HV213	39-40	
HV214	41-42	
HV215	43-44	
HV217	45-45	
HV218	46-47	
HV219	48-48	
HV220	49-50	
HV221	51-51	
HV225	52-52	
HV226	53-54	
HV227	55-55	
HV228	56-56	
HV230	57-57	
HV231	58-58	
HV232	59-59	
HV233	60-60	
HV234	61-63	
HV270	64-64	
HV271	65-72	
HML1	73-74	
HML1A	75-75	
HML2	76-77	
SHDIST	78-79	
SHSLUM	80-80	
SHLANGQ	81-81	
SHLANGI	82-82	
SHLANGR	83-83	
SHTRANS	84-84	
SH22A	85-85	
SH22B	86-87	
SH24A	88-88	
SH25D	89-89	
SH26A	90-90	
SH28D	91-91	
SH28E	92-92	

SH29B	93-93
SH32FA	94-94
SH32FB	95-95
SH32FC	96-96
SH32FD	97-97
SH32FE	98-98
SH32FF	99-99
SH32G	100-100
SH32H	101-101
SH34A	102-102
SH34B	103-103
SH34CA	104-104
SH34CB	105-105
SH34CC	106-106
SH34CD	107-107
SH34CE	108-108
SH34CF	109-109
SH34CG	110-110
SH34CH	111-111
SH34CI	112-112
SH34CJ	113-113
SH34CK	114-114
SH34CL	115-115
SH34CM	116-116
SH34CX	117-117
SH34D	118-118
SH34E	119-119
HV024	120-121
HV025	122-122
HV026	123-123
DOMESTIC	124-124
OWNLAND	125-125

VARIABLE LABELS

HHID	"Case Identification"
/HV005	"Sample weight"
/HV012	"Number of de jure members"
/HV013	"Number of de facto members"
/HV201	"Source of drinking water"
/HV204	"Time to get to water source"
/HV205	"Type of toilet facility"
/HV206	"Has electricity"
/HV207	"Has radio"
/HV208	"Has television"
/HV209	"Has refrigerator"
/HV210	"Has bicycle"
/HV211	"Has motorcycle/scooter"
/HV212	"Has car/truck"
/HV213	"Main floor material"
/HV214	"Main wall material"
/HV215	"Main roof material"
/HV217	"Relationship structure"

/HV218 "Line number of head of househ."  
 /HV219 "Sex of head of household"  
 /HV220 "Age of head of household"  
 /HV221 "Has telephone"  
 /HV225 "Share toilet with other households"  
 /HV226 "Type of cooking fuel"  
 /HV227 "Have bednet for sleeping"  
 /HV228 "Children under 5 slept under bednet last night"  
 /HV230 "Place for hand washing"  
 /HV231 "Items present: Water, tap"  
 /HV232 "Items present: Soap/other cleansing agent"  
 /HV233 "Items present: Basin"  
 /HV234 "Test salt for Iodine"  
 /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"  
 /SHDIST "District"  
 /SHSLUM "Cluster in slum area"  
 /SHLANGQ "Language of questionnaire"  
 /SHLANGI "Language of interview"  
 /SHLANGR "Home language of respondent"  
 /SHTRANS "Translator used"  
 /SH22A "Frequency of water availability"  
 /SH22B "Disposal of HH waste"  
 /SH24A "Number of other households that use toilet"  
 /SH25D "Owns video deck"  
 /SH26A "Possibility of eviction"  
 /SH28D "Tractor"  
 /SH28E "Horse/cart"  
 /SH29B "When bednets are used"  
 /SH32FA "Malaria message: TV"  
 /SH32FB "Malaria message: radio"  
 /SH32FC "Malaria message: newspaper"  
 /SH32FD "Malaria message: poster"  
 /SH32FE "Malaria message: leaflets"  
 /SH32FF "Malaria message: health worker"  
 /SH32G "Message: give child chloroquine"  
 /SH32H "Radio program HeHaHo"  
 /SH34A "Member of MHO"  
 /SH34B "Type of Scheme"  
 /SH34CA "Benefits of scheme - Consultation"  
 /SH34CB "Benefits of scheme - Drugs"  
 /SH34CC "Benefits of scheme - Lab costs"  
 /SH34CD "Benefits of scheme - X-ray"  
 /SH34CE "Benefits of scheme - Admission"  
 /SH34CF "Benefits of scheme - Surgery"  
 /SH34CG "Benefits of scheme - Specialist care"  
 /SH34CH "Benefits of scheme - Extra/better food"  
 /SH34CI "Benefits of scheme - Transport"  
 /SH34CJ "Benefits of scheme - Antenatal care"

/SH34CK "Benefits of scheme - Normal delivery care"  
 /SH34CL "Benefits of scheme - Complicated delivery care"  
 /SH34CM "Benefits of scheme - Family planning"  
 /SH34CX "Benefits of scheme - Other"  
 /SH34D "Ever benefited from scheme"  
 /SH34E "Consider joining scheme in future"  
 /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)  
 /HV204 (999)  
 /HV205 (99)  
 /HV206 (9)  
 /HV207 (9)  
 /HV208 (9)  
 /HV209 (9)  
 /HV210 (9)  
 /HV211 (9)  
 /HV212 (9)  
 /HV213 (99)  
 /HV214 (99)  
 /HV215 (99)  
 /HV219 (9)  
 /HV220 (99)  
 /HV221 (9)  
 /HV225 (9)  
 /HV226 (99)  
 /HV227 (9)  
 /HV228 (9)  
 /HV230 (9)  
 /HV231 (9)  
 /HV232 (9)  
 /HV233 (9)  
 /HV234 (999)  
 /HML1 (99)  
 /HML2 (99)  
 /SHLANGI (9)  
 /SHLANGR (9)  
 /SHTRANS (9)  
 /SH22A (9)  
 /SH22B (99)  
 /SH24A (9)  
 /SH25D (9)  
 /SH28D (9)  
 /SH28E (9)  
 /SH29B (9)  
 /SH32FA (9)  
 /SH32FB (9)

/SH32FC (9)  
 /SH32FD (9)  
 /SH32FE (9)  
 /SH32FF (9)  
 /SH32G (9)  
 /SH32H (9)  
 /SH34A (9)  
 /SH34B (9)  
 /SH34CA (9)  
 /SH34CB (9)  
 /SH34CC (9)  
 /SH34CD (9)  
 /SH34CE (9)  
 /SH34CF (9)  
 /SH34CG (9)  
 /SH34CH (9)  
 /SH34CI (9)  
 /SH34CJ (9)  
 /SH34CK (9)  
 /SH34CL (9)  
 /SH34CM (9)  
 /SH34CX (9)  
 /SH34D (9)  
 /SH34E (9)  
 /HV026 (9)

.  
 VALUE LABELS

HV201  
 10 "PIPED"  
 11 "Piped into dwelling"  
 12 "Piped into compound/plot"  
 13 "Public tap"  
 20 "OPEN WELL"  
 21 "Open well in dwelling"  
 22 "Open well in yard/plot"  
 23 "Open public well"  
 30 "PROTECTED"  
 31 "Protected well in dwelling"  
 32 "Protected well in yard/plot"  
 33 "Protected public well"  
 40 "SURFACE"  
 41 "Spring"  
 42 "River, stream"  
 43 "Pond, lake"  
 44 "Dam"  
 50 "OTHER"  
 51 "Rainwater"  
 61 "Tanker truck"  
 71 "Bottled water"  
 81 "Satchel water"  
 96 "Other"  
 /HV204

996 "On premises"  
 /HV205  
 10 "FLUSH TOILET"  
 11 "Flush toileet"  
 20 "PIT TOILET LATRINE"  
 21 "Traditional pit toilet"  
 22 "Ventilated improved pit latrine"  
 30 "NO FACILITY"  
 31 "No facility, bush, field"  
 32 "Bucket, pan"  
 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/mud"  
 12 "Mud mixed with dung"  
 20 "RUDIMENTARY"  
 21 "Wood planks"  
 22 "Palm, bamboo"  
 30 "FINISHED"  
 31 "Parquet, polished wood"  
 32 "Linoleum"  
 33 "Ceramic tiles"  
 34 "Cement "  
 35 "Carpet "  
 36 "Terrazzo"  
 96 "Other "  
 /HV214  
 10 "NATURAL"  
 20 "RUDIMENTARY"  
 30 "FINISHED"  
 96 "OTHER "

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/HV215
  10 "NATURAL"
  20 "RUDIMENTARY"
  30 "FINISHED"
  96 "OTHER"
/HV217
  0 "No adults"
  1 "One adult"
  2 "Two adults, opp. sex"
  3 "Two adults, same sex"
  4 "Three+ related adult"
  5 "Unrelated adults"
/HV219
  1 "Male"
  2 "Female"
/HV220
  97 "97+"
  98 "DK"
/HV221
  0 "No"
  1 "Yes"
/HV225
  0 "No"
  1 "Yes"
/HV226
  1 "Electricity"
  2 "LPG, natural gas"
  3 "Biogas"
  4 "Kerosene"
  5 "Coal, lignite"
  6 "Charcoal"
  7 "Firewood, straw"
  8 "Dung"
  96 "Other"
/HV227
  0 "No"
  1 "Yes"
/HV228
  0 "No"
  1 "All children"
  2 "Some children"
  3 "No bednet in HH"
/HV230
  0 "Nowhere"
  1 "In dwelling/yard/plot"
  2 "Somewhere else"
/HV231
  0 "No"
  1 "Yes"
/HV232
  0 "No"
  1 "Yes"

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/HV233
  0 "No"
  1 "Yes"
/HV234
  0 "0 PPM (No Iodine)"
  7 "7 PPM"
  15 "15 PPM"
  30 "30 PPM"
  994 "Salt not tested"
  995 "No salt in household"
/HV270
  1 "Poorest"
  2 "Poorer"
  3 "Middle"
  4 "Richer"
  5 "Richest"
/HML1
  98 "Don't know"
/SHSLUM
  0 "Not in slum area"
  1 "DHS cluster in slum area"
  2 "Slum survey"
/SHLANGQ
  1 "English"
  2 "Akan"
  3 "Ga"
  4 "Ewe"
  5 "Nzema"
  6 "Dagbani"
  7 "Other"
/SHLANGI
  1 "English"
  2 "Akan"
  3 "Ga"
  4 "Ewe"
  5 "Nzema"
  6 "Dagbani"
  7 "Other"
/SHLANGR
  1 "English"
  2 "Akan"
  3 "Ga"
  4 "Ewe"
  5 "Nzema"
  6 "Dagbani"
  7 "Other"
/SHTRANS
  0 "No"
  1 "Yes"
/SH22A
  1 "All the time"
  2 "Several hours per day"

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3 "a few times a week"  
 4 "less frequently"  
 5 "Not at all"  
 8 "Dont know"  
 /SH22B  
 1 "Collected by government"  
 2 "Collected by community assn"  
 3 "Collected by private company"  
 4 "Dumped in compound"  
 5 "Dumped in street/empty plot"  
 6 "Burned"  
 7 "Buried"  
 8 "Composted"  
 9 "Recycled"  
 10 "Fed to animals"  
 96 "Other"  
 /SH24A  
 1 "1-2"  
 2 "3-4"  
 3 "5-9"  
 4 "10+"  
 /SH25D  
 0 "No"  
 1 "Yes"  
 /SH26A  
 1 "Very likely"  
 2 "Somewhat likely"  
 3 "Not at all likely"  
 8 "Dont know"  
 /SH28D  
 0 "No"  
 1 "Yes"  
 /SH28E  
 0 "No"  
 1 "Yes"  
 /SH29B  
 1 "All year round"  
 2 "During rainy season"  
 6 "Other"  
 /SH32FA  
 0 "no"  
 1 "yes"  
 /SH32FB  
 0 "no"  
 1 "yes"  
 /SH32FC  
 0 "no"  
 1 "yes"  
 /SH32FD  
 0 "no"  
 1 "yes"  
 /SH32FE

```

    0 "no"
    1 "yes"
/SH32FF
    0 "no"
    1 "yes"
/SH32G
    0 "no"
    1 "yes"
    8 "don't know"
/SH32H
    0 "no"
    1 "yes"
    8 "don't know"
/SH34A
    0 "no"
    1 "yes"
    8 "don't know"
/SH34B
    1 "Private health insurance"
    2 "MHO"
    3 "Government health coverage"
    6 "Other"
/SH34CA
    0 "no"
    1 "yes"
    8 "don't know"
/SH34CB
    0 "no"
    1 "yes"
    8 "don't know"
/SH34CC
    0 "no"
    1 "yes"
    8 "don't know"
/SH34CD
    0 "no"
    1 "yes"
    8 "don't know"
/SH34CE
    0 "no"
    1 "yes"
    8 "don't know"
/SH34CF
    0 "no"
    1 "yes"
    8 "don't know"
/SH34CG
    0 "no"
    1 "yes"
    8 "don't know"
/SH34CH
    0 "no"

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1 "yes"  
 8 "don't know"  
 /SH34CI  
 0 "no"  
 1 "yes"  
 8 "don't know"  
 /SH34CJ  
 0 "no"  
 1 "yes"  
 8 "don't know"  
 /SH34CK  
 0 "no"  
 1 "yes"  
 8 "don't know"  
 /SH34CL  
 0 "no"  
 1 "yes"  
 8 "don't know"  
 /SH34CM  
 0 "no"  
 1 "yes"  
 8 "don't know"  
 /SH34CX  
 0 "no"  
 1 "yes"  
 8 "don't know"  
 /SH34D  
 0 "no"  
 1 "yes"  
 8 "don't know"  
 /SH34E  
 0 "no"  
 1 "yes"  
 8 "don't know"  
 /HV024  
 1 "Western"  
 2 "Central"  
 3 "Greater Accra"  
 4 "Volta"  
 5 "Eastern"  
 6 "Ashanti"  
 7 "Brong Ahafo"  
 8 "Northern"  
 9 "Upper East"  
 10 "Upper West"  
 /HV025  
 1 "Urban"  
 2 "Rural"  
 /HV026  
 0 "Capital, large city"  
 1 "Small city"  
 2 "Town"

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    3 "Countryside"
/DOMESTIC
    0 "No domestic worker"
    1 "At least one domestic worker (female)"
/OWNLAND
    0 "Does not work own or family's agricultural land"
    1 "Works own or family's land"
.

*begin recoding into dichotomous variables.

*WATER TYPES.

COMPUTE h2oires = 0.
IF (hv201 = 11 | hv201 = 71) h2oires = 1.
VARIABLE LABELS h2oires "if water is piped into residence".
VALUE LABELS h2oires 0 "water not piped into residence"
    1 "water is piped into residence (+1 case of
bottled water)".

COMPUTE h2oyard = 0.
IF (hv201 = 12) h2oyard = 1.
VARIABLE LABELS h2oyard "if water is piped into compound/plot".
VALUE LABELS h2oyard 0 "water is not piped into compound/plot"
    1 "water is piped into compound/plot".

COMPUTE h2opub = 0.
IF (hv201 = 13) h2opub = 1.
VARIABLE LABELS h2opub "if gets water from a public tap".
VALUE LABELS h2opub 0 "does not get water from a public tap"
    1 "gets water from a public tap".

COMPUTE h2oopvtw = 0.
IF (hv201 = 21 | hv201 = 22) h2oopvtw = 1.
VARIABLE LABELS h2oopvtw "if gets water from an open well in yard
or in residence".
VALUE LABELS h2oopvtw 0 "does not get water from an open private
well"
    1 "gets water from an open private well".

COMPUTE h2oopubw = 0.
IF (hv201 = 23) h2oopubw = 1.
VARIABLE LABELS h2oopubw "if gets water from a public open well".
VALUE LABELS h2oopubw 0 "does not get water from a public open
well"
    1 "gets water from a public open well".

COMPUTE h2oppvtw = 0.
IF (hv201 = 31 | hv201 = 32) h2oppvtw = 1.
VARIABLE LABELS h2oppvtw "if gets water from a protected well in
yard or in residence".
VALUE LABELS h2oppvtw 0 "does not get water from a protected

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private well"
                1 "gets water from a protected private well".

COMPUTE h2oppubw = 0.
IF (hv201 = 33 | hv201 = 96) h2oppubw = 1.
VARIABLE LABELS h2oppubw "if gets water from a protected public
well".
VALUE LABELS h2oppubw 0 "does not get water from a protected
public well"
                1 "gets water from a protected pub well (+8
other)".

COMPUTE h2spring = 0.
IF (hv201 = 41 | hv201 = 51) h2spring = 1.
VARIABLE LABELS h2spring "if gets water from a spring or from
collected rainwater".
VALUE LABELS h2spring 0 "does not get water from a spring or
rainwater"
                1 "gets water from a spring or uses
rainwater".

COMPUTE h2osurf = 0.
IF (hv201 = 42 | hv201 = 43 | hv201 = 44) h2osurf = 1.
VARIABLE LABELS h2osurf "if gets water from river, stream, pond,
lake or dam".
VALUE LABELS h2osurf 0 "does not get water from surface sources"
                1 "gets water from surface sources".

COMPUTE h2otruck = 0.
IF (hv201 = 61) h2otruck = 1.
VARIABLE LABELS h2otruck "if gets water from a tanker truck".
VALUE LABELS h2otruck 0 "does not get water from a tanker truck"
                1 "gets water from a tanker truck".

COMPUTE h2osatch = 0.
IF (hv201 = 81) h2osatch = 1.
VARIABLE LABELS h2osatch "if uses satchel water".
VALUE LABELS h2osatch 0 "does not use satchel water"
                1 "uses satchel water".

*TOILET TYPES.

COMPUTE flush = 0.
IF (hv205 = 11 & hv225 = 0) flush = 1.
VARIABLE LABELS flush "if has own flush toilet".
VALUE LABELS flush 0 "does not have own flush toilet"
                1 "has own flush toilet".

COMPUTE shflush = 0.
IF (hv205 = 11 & hv225 = 1) shflush = 1.
VARIABLE LABELS shflush "if uses shared flush toilet".

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VALUE LABELS shflush 0 "does not use shared flush toilet"
                1 "uses shared flush toilet".

COMPUTE latpit = 0.
IF (hv205 = 21 & hv225 = 0) latpit = 1.
VARIABLE LABELS latpit "if uses own pit latrine".
VALUE LABELS latpit 0 "does not use own pit latrine"
                1 "uses own pit latrine".

COMPUTE shlatpit = 0.
IF (hv205 = 21 & hv225 = 1) shlatpit = 1.
VARIABLE LABELS shlatpit "if uses a shared pit latrine".
VALUE LABELS shlatpit 0 "does not use a shared pit latrine"
                1 "uses a shared pit latrine".

COMPUTE latvip = 0.
IF (hv205 = 22 & hv225 = 0) latvip = 1.
VARIABLE LABELS latvip "if uses own vip latrine".
VALUE LABELS latvip 0 "does not use own vip latrine"
                1 "uses own vip latrine".

COMPUTE shlatvip = 0.
IF (hv205 = 22 & hv225 = 1) shlatvip = 1.
VARIABLE LABELS shlatvip "if uses a shared vip latrine".
VALUE LABELS shlatvip 0 "does not use a shared vip latrine"
                1 "uses a shared vip latrine".

COMPUTE latbush = 0.
IF (hv205 = 31) latbush = 1.
VARIABLE LABELS latbush "if uses the bush".
VALUE LABELS latbush 0 "does not use the bush"
                1 "uses the bush".

COMPUTE latpan = 0.
IF (hv205 = 32) latpan = 1.
VARIABLE LABELS latpan "if uses a bucket or pan".
VALUE LABELS latpan 0 "does not use a bucket or pan"
                1 "uses a bucket or pan (shared, +14 non-
shared)".

*AMENITIES.

COMPUTE electric = 0.
IF (hv206 = 1) electric = 1.
VARIABLE LABELS electric "if household has electric".
VALUE LABELS electric 0 "no electric"
                1 "has electric".

COMPUTE radio = 0.
IF (hv207 = 1) radio = 1.
VARIABLE LABELS radio "if household has radio".

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VALUE LABELS radio 0 "no radio"
                1 "has radio".

COMPUTE tv = 0.
IF (hv208 = 1) tv = 1.
VARIABLE LABELS tv "if household has tv".
VALUE LABELS tv 0 "no tv"
                1 "has tv".

COMPUTE fridge = 0.
IF (hv209 = 1) fridge = 1.
VARIABLE LABELS fridge "if household has fridge".
VALUE LABELS fridge 0 "no fridge"
                  1 "has fridge".

COMPUTE bicycle = 0.
IF (hv210 = 1) bicycle = 1.
VARIABLE LABELS bicycle "if household has bicycle".
VALUE LABELS bicycle 0 "no bicycle"
                    1 "has bicycle".

COMPUTE motobk = 0.
IF (hv211 = 1) motobk = 1.
VARIABLE LABELS motobk "if household has motorcycle or scooter".
VALUE LABELS motobk 0 "no motorbike/scooter"
                    1 "has motorbike/scooter".

COMPUTE car = 0.
IF (hv212 = 1) car = 1.
VARIABLE LABELS car "if household has car or truck".
VALUE LABELS car 0 "no car/truck"
                 1 "has car/truck".

COMPUTE phone = 0.
IF (hv221 = 1) phone = 1.
VARIABLE LABELS phone "if household has phone".
VALUE LABELS phone 0 "no phone"
                   1 "has phone".

COMPUTE video = 0.
IF (sh25d = 1) video = 1.
VARIABLE LABELS video "if household owns a vcr/vcp".
VALUE LABELS video 0 "no vcr/vcp"
                   1 "owns a vcr/vcp".

COMPUTE tractor = 0.
IF (sh28d = 1) tractor = 1.
VARIABLE LABELS tractor "if household owns a tractor".
VALUE LABELS tractor 0 "no tractor"
                     1 "owns a tractor".

COMPUTE horsecrt = 0.

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IF (sh28e = 1) horsecrt = 1.
VARIABLE LABELS horsecrt "if household owns a horse or cart".
VALUE LABELS horsecrt 0 "no horse or cart"
                  1 "owns a horse or cart".
```

\*FLOOR TYPE.

```
COMPUTE natfloo = 0.
IF (hv213 > 10 & hv213 < 23) natfloo = 1.
VARIABLE LABELS natfloo "if floor is of raw natural materials".
VALUE LABELS natfloo 0 "floor is not of raw natural materials"
                    1 "floor is of raw natural materials".
```

```
COMPUTE linofloo = 0.
IF (hv213 = 32) linofloo = 1.
VARIABLE LABELS linofloo "if has linoleum flooring".
VALUE LABELS linofloo 0 "does not have linoleum flooring"
                    1 "has linoleum flooring".
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```
COMPUTE cerafloo = 0.
IF (hv213 = 33) cerafloo = 1.
VARIABLE LABELS cerafloo "if flooring is of ceramic tiles".
VALUE LABELS cerafloo 0 "floor is not of ceramic tiles"
                    1 "floor is of ceramic tiles".
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```
COMPUTE centfloo = 0.
IF (hv213 = 34 | hv213 = 96) centfloo = 1.
VARIABLE LABELS centfloo "if floor is of cement".
VALUE LABELS centfloo 0 "floor is not cement"
                    1 "floor is cement".
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COMPUTE carpfloo = 0.
IF ( hv213 = 35) carpfloo = 1.
VARIABLE LABELS carpfloo "if has carpeted flooring".
VALUE LABELS carpfloo 0 "does not have carpeted flooring"
                    1 "has carpeted flooring".
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```
COMPUTE tzzofloo = 0.
IF (hv213 = 36 | hv213 = 31) tzzofloo = 1.
VARIABLE LABELS tzzofloo "if floor is of terazzo".
VALUE LABELS tzzofloo 0 "floor is not of terazzo"
                    1 "floor is of terazzo (+2 cases of parquet)".
```

\*TYPE OF COOKING FUEL.

```
COMPUTE cookelec = 0.
IF (hv226 = 1) cookelec = 1.
VARIABLE LABELS cookelec "if uses electricity for cooking".
```

```

VALUE LABELS cookelec 0 "does not use electricity for cooking"
                  1 "uses electricity for cooking".

COMPUTE cookgas = 0.
IF (hv226 = 2 | hv226 = 3) cookgas = 1.
VARIABLE LABELS cookgas "if uses LPG, natural gas or biogas for
cooking".
VALUE LABELS cookgas 0 "does not use gas for cooking"
                  1 "uses gas for cooking".

COMPUTE cookkero = 0.
IF (hv226 = 4) cookkero = 1.
VARIABLE LABELS cookkero "if uses kerosene for cooking".
VALUE LABELS cookkero 0 "does not use kerosene for cooking"
                  1 "uses kerosene for cooking".

COMPUTE cookcoal = 0.
IF (hv226 = 5 | hv226 = 6) cookcoal = 1.
VARIABLE LABELS cookcoal "if uses charcoal, lignite, or coal for
cooking".
VALUE LABELS cookcoal 0 "does not use charcoal/lignite/coal for
cooking"
                  1 "uses charcoal/lignite/coal for cooking".

COMPUTE cookwood = 0.
IF (hv226 = 7 | hv226 = 8 | hv226 = 96) cookwood = 1.
VARIABLE LABELS cookwood "if uses wood, straw, dung (+4) or other
(+71) for cooking fuel".
VALUE LABELS cookwood 0 "does not use firewood for cooking"
                  1 "uses firewood for cooking".

*WASTE MANAGEMENT.

COMPUTE wstgovt = 0.
IF (sh22b = 1) wstgovt = 1.
VARIABLE LABELS wstgovt "if waste is collected by the
government".
VALUE LABELS wstgovt 0 "waste is not collected by the government"
                  1 "waste is collected by the government".

COMPUTE wstcomm = 0.
IF (sh22b = 2) wstcomm = 1.
VARIABLE LABELS wstcomm "if waste is collected by a community
association".
VALUE LABELS wstcomm 0 "waste is not collected by a community
association"
                  1 "waste is collected by a community
association".

COMPUTE wstpvtco = 0.
IF (sh22b = 3) wstpvtco = 1.

```

```

VARIABLE LABELS wstpvtco "if waste is collected by a private
company".
VALUE LABELS wstpvtco 0 "waste is not collected by a private
company"
                1 "waste is collected by a private company".

COMPUTE wstyard = 0.
IF (sh22b = 4) wstyard = 1.
VARIABLE LABELS wstyard "if waste is dumped in the
compound/yard".
VALUE LABELS wstyard 0 "waste is not dumped in compound/yard"
                1 "waste is dumped in compound/yard".

COMPUTE wststrt = 0.
IF (sh22b = 5) wststrt = 1.
VARIABLE LABELS wststrt "if waste is dumped in the street or in
an empty plot".
VALUE LABELS wststrt 0 "waste is not dumped in street/empty plot"
                1 "waste is dumped in street/empty plot".

COMPUTE wstburn = 0.
IF (sh22b = 6) wstburn = 1.
VARIABLE LABELS wstburn "if waste is burned".
VALUE LABELS wstburn 0 "waste is not burned"
                1 "waste is burned".

COMPUTE wstbury = 0.
IF (sh22b = 7) wstbury = 1.
VARIABLE LABELS wstbury "if waste is buried".
VALUE LABELS wstbury 0 "waste is not buried"
                1 "waste is buried".

COMPUTE wstcycle = 0.
IF ((sh22b > 7 & sh22b < 11) | sh22b = 96) wstcycle = 1.
VARIABLE LABELS wstcycle "if waste is composted/recycled/fed to
animals".
VALUE LABELS wstcycle 0 "waste is not composted/recycled"
                1 "waste is composted/recycled".

EXECUTE.

FACTOR
/VARIABLES ownland h2oires h2oyard h2opub h2oopvtw h2oopubw
h2oppvtw h2oppubw h2spring h2osurf h2otruck h2osatch flush
shflush latpit
shlatpit latvip shlatvip latbush latpan electric radio tv
fridge bicycle
motobk car phone video tractor horsecrt natfloo linofloo
cerafloo cemfloo
carpfloo tzzofloo cookelec cookgas cookkero cookcoal cookwood

```

```

wstgovt
  wstcomm wstpvtpco wstyard wststrt wstburn wstbury wstcycle
/MISSING MEANSUB
/ANALYSIS ownland h2oires h2oyard h2opub h2oopvtw h2oopubw
h2oppvtw
  h2oppubw h2spring h2osurf h2otruck h2osatch flush shflush
latpit shlatpit
  latvip shlatvip latbush latpan electric radio tv fridge bicycle
motobk car
  phone video tractor horsecrt natfloo linofloo cerafloo cemtfloo
carpfloo
  tzzofloo cookelec cookgas cookkero cookcoal cookwood wstgovt
wstcomm
  wstpvtpco wstyard wststrt wstburn wstbury wstcycle
/PRINT UNIVARIATE INITIAL EXTRACTION FSCORE
/CRITERIA FACTORS(1) ITERATE(25)
/EXTRACTION PC
/ROTATION NOROTATE
/SAVE REG(ALL)
/METHOD=CORRELATION .

```

```

COMPUTE hmemwt = hv005/1000000 * hv012 .
VARIABLE LABELS hmemwt 'HH members weighting for Index' .

```

```

WEIGHT
BY hmemwt .
FREQUENCIES
VARIABLES=fac1_1 /FORMAT=NOTABLE
/NTILES= 5
/STATISTICS=STDDEV MINIMUM MAXIMUM MEAN MEDIAN /ORDER ANALYSIS .

```

```

RECODE
fac1_1
(Lowest thru -0.7656244944521=1) (-0.7656244944521 thru
-0.5904388393604=2) (-0.5904388393604 thru
-0.1538233485251=3) (-0.1538233485251 thru 0.7571134535189=4)
(0.7571134535189 thru Highest=5) INTO wlthind5 .
VARIABLE LABELS wlthind5 'Wealth Index Quintiles'.
EXECUTE .

```

```

write outfile='H:\HNP_POVERTY\non-contract countries\ghana2003
\scores.dat' records=1 table
/hhid fac1_1 wlthind5.
execute.

```

```

MEANS
  TABLES=ownland h2oires h2oyard h2opub h2oopvtw h2oopubw
  h2oppvtw h2oppubw h2spring h2osurf h2otruck h2osatch flush
shflush latpit
  shlatpit latvip shlatvip latbush latpan electric radio tv

```

fridge bicycle  
motobk car phone video tractor horsecrt natfloo linofloo  
cerafloo centfloo  
carpfloo tzzofloo cookelec cookgas cookkero cookcoal cookwood  
wstgovt  
wstcomm wstpvtco wstyard wststrt wstburn wstbury wstcycle BY  
wlthind5  
/CELLS MEAN .