

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

/

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

HV243A	86-86
HV243B	87-87
HV243C	88-88
HV243D	89-89
HV244	90-90
HV245	91-92
HV246	93-93
HV246A	94-95
HV246B	96-97
HV246C	98-99
HV246D	100-101
HV246E	102-103
HV246F	104-105
HV246G	106-107
HV246H	108-109
HV246I	110-111
HV246J	112-113
HV246K	114-115
HV247	116-116
HV248	117-118
HV249	119-119
HV250	120-121
HV251	122-123
HV270	124-124
HV271	125-132
HML1	133-134
HML1A	135-135
HML2	136-137
SHDIST	138-140
SHEACODE	141-143
SHLANGQ	144-144
SHLANGIN	145-145
SHINTERP	146-146
SH113	147-147
SH116	148-149
SH120A	150-150
SH120B	151-151
SH120C	152-152
SH120D	153-153
SH122G	154-154
SH128	155-156
SH129	157-157
HV024	158-159
HV025	160-160
HV026	161-161
DOMESTIC	162-162
OWNLAND	163-163

VARIABLE LABELS

HHID	"Case Identification"
/HV005	"Sample weight"
/HV012	"Number of de jure members"

/HV013 "Number of de facto members"
 /HV201 "Source of drinking water"
 /HV202 "Source of non-drinking water"
 /HV204 "Time to get to water source"
 /HV205 "Type of toilet facility"
 /HV206 "Has electricity"
 /HV207 "Has radio"
 /HV208 "Has television"
 /HV209 "Has refrigerator"
 /HV210 "Has bicycle"
 /HV211 "Has motorcycle/scooter"
 /HV212 "Has car/truck"
 /HV213 "Main floor material"
 /HV214 "Main wall material"
 /HV215 "Main roof material"
 /HV216 "Rooms used for sleeping"
 /HV217 "Relationship structure"
 /HV218 "Line number of head of househ."
 /HV219 "Sex of head of household"
 /HV220 "Age of head of household"
 /HV221 "Has telephone"
 /HV225 "Share toilet with other households"
 /HV226 "Type of cooking fuel"
 /HV227 "Have bednet for sleeping"
 /HV228 "Children under 5 slept under bednet last night"
 /HV234 "Test salt for Iodine"
 /HV235 "Location of source for water"
 /HV236 "Person fetching water"
 /HV237 "Anything done to water to make safe to drink"
 /HV237A "Water usually treated by: boil"
 /HV237B "Water usually treated by: add bleach/chlorine"
 /HV237C "Water usually treated by: strain through a cloth"
 /HV237D "Water usually treated by: use water filter"
 /HV237E "Water usually treated by: solar disinfection"
 /HV237F "Water usually treated by: let it stand and settle"
 /HV237G "Water usually treated by: CS"
 /HV237H "Water usually treated by: CS"
 /HV237I "Water usually treated by: CS"
 /HV237J "Water usually treated by: CS"
 /HV237K "Water usually treated by: CS"
 /HV237X "Water usually treated by: other"
 /HV237Z "Water usually treated by: don't know"
 /HV238 "Number of households sharing toilet"
 /HV239 "Food cooked on stove or open fire"
 /HV240 "Household has a chimney, hood or neither"
 /HV241 "Food cooked in the house / in separate building /
 outdoors"
 /HV242 "Household has separate room used as kitchen"
 /HV243A "Has a mobile telephone"
 /HV243B "Has a watch"
 /HV243C "Has an animal-drawn cart"
 /HV243D "Has a boat with a motor"

/HV244 "Own land usable for agriculture"
 /HV245 "Hectares for agricultural land"
 /HV246 "Livestock, herds or farm animals"
 /HV246A "Cattle own"
 /HV246B "Cows, bulls own"
 /HV246C "Horses, donkeys, mules own"
 /HV246D "Goats own"
 /HV246E "Sheep own"
 /HV246F "Chickens own"
 /HV246G "Pigs own (CS)"
 /HV246H "CS own"
 /HV246I "CS own"
 /HV246J "CS 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"
 /SHDIST "District"
 /SHEACODE "Cluster number"
 /SHLANGQ "Language of questionnaire"
 /SHLANGIN "Language of interview"
 /SHINTERP "Translator used"
 /SH113 "Food cooked on stove or open fire"
 /SH116 "Type of dwelling unit"
 /SH120A "Any windows"
 /SH120B "Windows with glass"
 /SH120C "Windows with screens"
 /SH120D "Windows with curtains/shutters"
 /SH122G "Wheelbarrow"
 /SH128 "Sprayed interior walls against mosquitos"
 /SH129 "House sprayed by"
 /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)
/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)
 /SH113 (9)
 /SH116 (99)
 /SH120A (9)
 /SH120B (9)
 /SH120C (9)
 /SH120D (9)
 /SH122G (9)
 /SH128 (99)
 /SH129 (9)
 /HV026 (9)

.
 VALUE LABELS

HV201
 10 "PIPED WATER"
 11 "Piped into dwelling"
 12 "Piped into tap in yard/plot"
 13 "Public tap"
 20 "OPEN WELL WATER"
 21 "Tube well or borehole"
 30 "COVERED WELL/BOREHOLE"
 31 "Protected dug well"
 32 "Unprotected dug well"
 40 "SURFACE WATER"
 41 "Protected spring"
 42 "Unprotected spring"
 51 "Rainwater"
 61 "Tanker truck"
 71 "Cart with small tank"
 81 "Surface water(river/dam/lake/pond/stream/canal/irrigation
 ch"
 91 "Bottled water"
 96 "Other"
 /HV202
 10 "PIPED WATER"
 11 "Piped into dwelling"
 12 "Piped into tap in yard/plot"
 13 "Public tap"
 20 "OPEN WELL WATER"
 21 "Tube well or borehole"
 30 "COVERED WELL/BOREHOLE"
 31 "Protected dug well"
 32 "Unprotected dug well"
 40 "SURFACE WATER"
 41 "Protected spring"
 42 "Unprotected spring"
 51 "Rainwater"

61 "Tanker truck"
 71 "Cart with small tank"
 81 "Surface water (river/dam/lake/pond/stream/canal/irrigation
 ch"
 91 "Bottled water"
 96 "Other"
 /HV204
 996 "On premises"
 998 "Don't know"
 /HV205
 10 "FLUSH TOILET"
 11 "Flushed to piped sewer system"
 12 "Flush to septic tank"
 13 "Flush to latrine"
 14 "Flush other"
 15 "Flush, don't know where"
 20 "PIT TOILET LATRINE"
 21 "Ventilated improved pit/latrine (VIP Blair toilet)"
 22 "Non-VIP pit latrine with slab"
 23 "Non-VIP pit latrine without slab"
 30 "NO FACILITY"
 31 "No facility/bush/field"
 90 "OTHER"
 91 "Composting toilet/Arbo loo"
 92 "Bucket 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/dung"
 20 "RUDIMENTARY"
 21 "Rudimentary wood planks"

```

30 "FINISHED"
31 "Parquet, polished wood"
32 "Vinyl or asphalt strips"
33 "Ceramic tiles"
34 "Cement"
35 "Carpet"
96 "OTHER"
/HV214
10 "NATURAL"
11 "Cane/trunks"
12 "Mud"
20 "RUDIMENTARY"
22 "Stone with mud"
23 "Plywood"
24 "Carton"
25 "Reused wood"
30 "FINISHED"
31 "Cement"
32 "Stone with lime/cement"
33 "Bricks"
34 "Cement blocks"
35 "Wood planks"
96 "OTHER"
/HV215
10 "NATURAL"
11 "No roof"
12 "Thatch"
20 "RUDIMENTARY"
21 "Rustic mat"
23 "Wood planks"
30 "FINISHED"
31 "Metal"
32 "Wood"
33 "Asbestos"
34 "Tiles"
35 "Cement"
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 "Liquid propane gas"
 3 "Natural gas"
 4 "Biogas"
 5 "Paraffin/Kerosine"
 6 "Coal, lignite"
 7 "Charcoal"
 8 "Wood"
 9 "Starw/shrubs/grass"
 10 "Maize or other crop waste"
 11 "Animal dung"
 95 "Do not cook"
 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"
    98 "Unknown"
/HV246
    0 "No"
    1 "Yes"
/HV246A
    0 "None"
    95 "More than 95"
    98 "Unknown"
/HV246B
    0 "None"
    95 "More than 95"
    98 "Unknown"
/HV246C
    0 "None"
    95 "More than 95"
    98 "Unknown"
/HV246D
    0 "None"
    95 "More than 95"
    98 "Unknown"
/HV246E
    0 "None"
    95 "More than 95"
    98 "Unknown"
/HV246F
    0 "None"
    95 "More than 95"
    98 "Unknown"
/HV246G
    0 "None"
    95 "More than 95"
    98 "Unknown"
/HV246H
```

0 "None"
 95 "More than 95"
 98 "Unknown"
 /HV246I
 0 "None"
 95 "More than 95"
 98 "Unknown"
 /HV246J
 0 "None"
 95 "More than 95"
 98 "Unknown"
 /HV246K
 0 "None"
 95 "More than 95"
 98 "Unknown"
 /HV247
 0 "No"
 1 "Yes"
 /HV249
 0 "No"
 1 "Yes"
 8 "DK"
 9 "Missing"
 /HV250
 8 "DK"
 /HV270
 1 "Poorest"
 2 "Poorer"
 3 "Middle"
 4 "Richer"
 5 "Richest"
 /HML1
 98 "Don't know"
 /SHLANGQ
 1 "Shona"
 2 "Ndebele"
 3 "English"
 4 "Other"
 /SHLANGIN
 1 "Shona"
 2 "Ndebele"
 3 "English"
 6 "Other"
 /SHINTERP
 0 "No"
 1 "Yes"
 /SH113
 1 "Open fire or stove without chimney/hood"
 2 "Open fire or stove with chimney/hood"
 3 "Closed stove with chimney"
 6 "Other"
 /SH116

1 "Traditional"
 2 "Mixed"
 3 "Detached"
 4 "Semi-detached"
 5 "Flat/townhome"
 6 "Shack"
 96 "Other"
 /SH120A
 0 "No"
 1 "Yes"
 /SH120B
 0 "No"
 1 "Yes"
 /SH120C
 0 "No"
 1 "Yes"
 /SH120D
 0 "No"
 1 "Yes"
 /SH122G
 0 "No"
 1 "Yes"
 /SH128
 0 "Less than one month"
 95 "Not sprayed"
 /SH129
 1 "Government program"
 2 "Private company"
 3 "Household member"
 6 "Other"
 8 "Don't know"
 /HV024
 1 "Manicaland"
 2 "Mashonaland Central"
 3 "Mashonaland East"
 4 "Mashonaland West"
 5 "Matebeleland North"
 6 "Matebeleland South"
 7 "Midlands"
 8 "Masvingo"
 9 "Harare"
 10 "Bulawayo"
 /HV025
 1 "Urban"
 2 "Rural"
 /HV026
 0 "Capital, large city"
 1 "Small city"
 2 "Town"
 3 "Countryside"
 /DOMESTIC
 0 "No domestic worker"

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        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"
.

FREQ hv201 hv205 hv206 hv207.

*begin recoding into dichotomous variables.

*WATER TYPES.

COMPUTE h2oires = 0.
IF (hv201 = 11) 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".

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 h2otube = 0.
IF (hv201 = 21 ) h2otube = 1.
VARIABLE LABELS h2otube "if gets water from a tube well or
borehole".
VALUE LABELS h2otube 0 "does not get water from an tube well or
borehole"
                    1 "gets water from a tube well or
borehole".

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 h2opdw = 0.
IF (hv201 = 31 ) h2opdw = 1.
VARIABLE LABELS h2opdw "if gets water from a protected dug well".
VALUE LABELS h2opdw 0 "does not get water from a protected dug

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```

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

COMPUTE h2oupdw = 0.
IF (hv201 = 32) h2oupdw = 1.
VARIABLE LABELS h2oupdw "if gets water from an unprotected well".
VALUE LABELS h2oupdw 0 "does not get water from an unprotected
well"
                                1 "gets water from an unprotected
well".

COMPUTE h2psprng = 0.
IF (hv201 = 41 ) h2psprng = 1.
VARIABLE LABELS h2psprng "if gets water from a protected spring".
VALUE LABELS h2psprng 0 "does not get water from a protected
spring"
                                1 "gets water from a protected
spring".

COMPUTE h2usprng = 0.
IF (hv201 = 42 ) h2usprng = 1.
VARIABLE LABELS h2usprng "if gets water from an unprotected
spring".
VALUE LABELS h2usprng 0 "does not get water from an unprotected
spring"
                                1 "gets water from an unprotected
spring".

COMPUTE h2orain = 0.
IF (hv201 = 51 ) h2orain = 1.
VARIABLE LABELS h2orain "if gets water from a rain".
VALUE LABELS h2orain 0 "does not get water from rain"
                                1 "gets water from rain".

COMPUTE h2otrk = 0.
IF (hv201 = 61 ) h2otrk = 1.
VARIABLE LABELS h2otrk "if gets water from a tanker truck".
VALUE LABELS h2otrk 0 "does not get water from a tanker truck"
                                1 "gets water from a tanker truck".

COMPUTE h2ocart = 0.
IF (hv201 = 71 ) h2ocart = 1.
VARIABLE LABELS h2ocart "if gets water from a cart with a small
tank".
VALUE LABELS h2ocart 0 "does not get water from cart"
                                1 "gets water from cart".

COMPUTE h2osurf = 0.
IF (hv201 = 81 or hv201=96) h2osurf = 1.
VARIABLE LABELS h2osurf "if gets water from river, stream, pond,
lake or dam, or other ".

```

```
VALUE LABELS h2osurf 0 "does not get water from surface sources"  
1 "gets water from surface sources".
```

```
COMPUTE h2obottl = 0.  
IF (hv201 = 71 ) h2obottl = 1.  
VARIABLE LABELS h2obottl "if uses bottled water".  
VALUE LABELS h2obottl 0 "does not use bottled water"  
1 "uses bottled water".
```

```
*TOILET TYPES.
```

```
COMPUTE flush = 0.  
IF (hv205 ge 11 & hv205 le 15 & 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 ge 11 & hv205 le 15 & hv225 = 1) shflush = 1.  
VARIABLE LABELS shflush "if uses shared flush toilet".  
VALUE LABELS shflush 0 "does not use shared flush toilet"  
1 "uses shared flush toilet".
```

```
COMPUTE latvip = 0.  
IF (hv205 = 21 & hv225 = 0) latvip = 1.  
VARIABLE LABELS latvip "if uses own vip Blair toilet".  
VALUE LABELS latvip 0 "does not use own vip Blair toilet"  
1 "uses own vip Blair toilet".
```

```
COMPUTE shlatvip = 0.  
IF (hv205 = 21 & hv225 = 1) shlatvip = 1.  
VARIABLE LABELS shlatvip "if uses a shared vip Blair toilet".  
VALUE LABELS shlatvip 0 "does not use a shared vip Blair toilet"  
1 "uses a shared vip Blair toilet".
```

```
COMPUTE latpits = 0.  
IF (hv205 = 22 & hv225 = 0) latpits = 1.  
VARIABLE LABELS latpits "if uses own pit latrine with slab".  
VALUE LABELS latpits 0 "does not use own pit latrine with slab"  
1 "uses own pit latrine with slab".
```

```
COMPUTE slatpits = 0.  
IF (hv205 = 22 & hv225 = 1) slatpits = 1.  
VARIABLE LABELS slatpits "if uses a shared pit latrine with  
slab".  
VALUE LABELS slatpits 0 "does not use a shared pit latrine with  
slab"  
1 "uses a shared pit latrine with slab".
```

```
COMPUTE latpitn = 0.  
IF (hv205 = 23 & hv225 = 0) latpitn = 1.  
VARIABLE LABELS latpitn "if uses own pit latrine with no slab".
```

```

VALUE LABELS latpitn 0 "does not use own pit latrine with no
slab"
                1 "uses own pit latrine with no slab".

COMPUTE slatpitn = 0.
IF (hv205 = 23 & hv225 = 1) slatpitn = 1.
VARIABLE LABELS slatpitn "if uses a shared pit latrine with no
slab".
VALUE LABELS slatpitn 0 "does not use a shared pit latrine with
no slab"
                1 "uses a shared pit latrine with no
slab".

COMPUTE latbush = 0.
IF (hv205 = 31 | hv205 = 96) latbush = 1.
VARIABLE LABELS latbush "if uses the bush or other".
VALUE LABELS latbush 0 "does not use the bush"
                1 "uses the bush".

COMPUTE compost = 0.
IF (hv205 = 91 ) compost = 1.
VARIABLE LABELS compost "if uses composting toilet or Arbo loo".
VALUE LABELS compost 0 "does not use composting toilet"
                1 "uses composting toilet".

COMPUTE latbckt = 0.
IF (hv205 = 92 ) latbckt = 1.
VARIABLE LABELS latbckt "if uses the bucket".
VALUE LABELS latbckt 0 "does not use the bucket"
                1 "uses the bucket".

* Toilet connection.
compute sewer = 0.
if (hv205 = 11) sewer=1.
var labels sewer "If flush toilet connected to public sewer
system".
value labels sewer 0 "Not connected to public sewer system"
                1 "Connected to public sewer system".

compute septic = 0.
if (hv205 = 12) septic=1.
var labels septic "If flush toilet connected to septic system".
value labels septic 0 "Not connected to septic system"
                1 "Connected to septic system".

compute flshlat = 0.
if (hv205 = 13) flshlat=1.
var labels flshlat "If flush toilet connected to latrine".
value labels flshlat 0 "Not connected to latrine"
                1 "Connected to latrine".

compute flshoth = 0.

```

```
if (hv205 = 14 | hv205 = 15) flshoth = 1.
var labels flshoth "If flush toilet connected to other, don't
know where".
value labels flshoth 0 "Not connected to other, don't know"
                    1 "Connected to other, don't know".
```

*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".
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 mphone = 0.
if (hv243a =1) mphone = 1.
var labels mphone "If has mobile phone".
value labels mphone 0 "No mobile phone"
                  1 "Has mobile phone".

compute watch= 0.
if (hv243b =1) watch = 1.
var labels watch "If has watch".
value labels watch 0 "No watch"
                  1 "Has watch".

compute cart= 0.
if (hv243c =1) cart = 1.
var labels cart "If has animal-drawn cart".
value labels cart 0 "No cart"
                  1 "Has cart".

compute mboat = 0.
if (hv243d =1) mboat = 1.
var labels mboat "If has boat with motor".
value labels mboat 0 "No motorboat"
                  1 "Has motorboat".

compute bank = 0.
if (hv247 = 1) bank =1.
var labels bank "If owns a bank account".
value labels bank 0 "No bank account"
                  1 "has bank account".

* Persons per sleeping room.

compute persons = hv012.
if (hv012 = 0) persons = hv013.
compute rooms = hv216.
if (hv216 = 0 or missing (hv216)) rooms=1.
compute sleep=persons/rooms.

* Agricultural land.

compute land=0.
if (not missing (hv245)) land=hv245.
compute landdk=0.
if (hv245=98) landdk=1.

* Farm animals.

compute cattle=0.

```

```
if (not missing (hv246a)) cattle=hv246a.
compute cttl dk=0.
if (hv246a=98) cttl dk=1.
```

```
compute cows=0.
if (not missing (hv246b)) cows=hv246b.
compute cowsdk=0.
if (hv246b=98) cowsdk=1.
```

```
compute horses=0.
if (not missing (hv246c)) horses=hv246c.
compute horsdk=0.
if (hv246c=98) horsdk=1.
```

```
compute goats=0.
if (not missing (hv246d)) goats=hv246d.
compute goatdk=0.
if (hv246d=98) goatdk=1.
```

```
compute sheep=0.
if (not missing (hv246e)) sheep=hv246e.
compute sheepdk=0.
if (hv246e=98) sheepdk=1.
```

```
compute chick=0.
if (not missing (hv246f)) chick=hv246f.
compute chickdk=0.
if (hv246f=98) chickdk=1.
```

```
compute pigs=0.
if (not missing (hv246g)) pigs=hv246g.
compute pigsdk=0.
if (hv246g=98) pigsdk=1.
```

*FLOOR TYPE.

```
COMPUTE natfloo = 0.
IF (hv213 = 11) natfloo = 1.
VARIABLE LABELS natfloo "if floor is earth, sand or dung".
VALUE LABELS natfloo 0 "floor is not dirt, sand, dung"
                1 "floor is dirt, sand, dung".
```

```
COMPUTE woodfloo = 0.
IF (hv213 = 21) woodfloo = 1.
VARIABLE LABELS woodfloo "if floor is of rudimentary wood
planks".
VALUE LABELS woodfloo 0 "floor is not of wood planks"
                1 "floor is of wood planks".
```

```
COMPUTE parqfloo = 0.
IF (hv213 = 31 ) parqfloo = 1.
```

```

VARIABLE LABELS parqfloo "if has parquet floor".
VALUE LABELS parqfloo 0 "does not have parquet floor"
                  1 "has parquet floor".

COMPUTE vinlfloo = 0.
IF (hv213 = 32) vinlfloo = 1.
VARIABLE LABELS vinlfloo "if has vinyl or asphalt strips for
flooring ".
VALUE LABELS vinlfloo 0 "does not have vinyl or asphalt strips
for flooring"
                  1 "has vinyl or asphalt strips for
flooring".

COMPUTE tilefloo = 0.
IF (hv213 = 33) tilefloo = 1.
VARIABLE LABELS tilefloo "if has ceramic tile flooring".
VALUE LABELS tilefloo 0 "does not have ceramic tile flooring"
                  1 "has ceramic tile flooring".

COMPUTE centfloo = 0.
IF (hv213 = 34) centfloo = 1.
VARIABLE LABELS centfloo "if floor is of cement".
VALUE LABELS centfloo 0 "floor is not cement"
                  1 "floor is cement".

COMPUTE rugfloo = 0.
IF (hv213 = 35) rugfloo = 1.
VARIABLE LABELS rugfloo "if has rug or carpet flooring".
VALUE LABELS rugfloo 0 "does not have rug or carpet flooring"
                  1 "has rug or carpet flooring".

COMPUTE othfloo = 0.
IF (hv213 = 96) othfloo = 1.
VARIABLE LABELS othfloo "if has other flooring".
VALUE LABELS othfloo 0 "does not have other flooring"
                  1 "has other flooring".

*Main wall material.

COMPUTE natwall = 0.
IF (hv214 = 11) natwall = 1.
VARIABLE LABELS natwall "if has cane, trunks or mud walls".
VALUE LABELS natwall 0 "does not have natural walls"
                  1 "has natural walls".

COMPUTE stonwall = 0.
IF (hv214 = 22) stonwall = 1.
VARIABLE LABELS stonwall "if has rudimentary stone and mud
walls".
VALUE LABELS stonwall 0 "does not have stone and mud walls"
                  1 "has stone and mud walls".

```

```

COMPUTE plywall = 0.
IF (hv214 = 23) plywall = 1.
VARIABLE LABELS plywall "if has plywood walls".
VALUE LABELS plywall 0 "does not have plywood walls"
                    1 "has plywood walls".

COMPUTE papwall = 0.
IF (hv214 = 24) papwall = 1.
VARIABLE LABELS papwall "if has carton walls".
VALUE LABELS papwall 0 "does not have carton walls"
                    1 "has carton walls".

COMPUTE rwwall = 0.
IF (hv214 = 25) rwwall = 1.
VARIABLE LABELS rwwall "if has reused wood walls".
VALUE LABELS rwwall 0 "does not have reused wood walls"
                    1 "has reused wood walls".

COMPUTE centwall = 0.
IF (hv214 = 31) centwall = 1.
VARIABLE LABELS centwall "if has cement walls".
VALUE LABELS centwall 0 "does not have cement walls"
                    1 "has cement walls".

COMPUTE stlmwall = 0.
IF (hv214 = 32) stlmwall = 1.
VARIABLE LABELS stlmwall "if has stone with lime/cement walls".
VALUE LABELS stlmwall 0 "does not have stone with lime/cement
walls"
                    1 "has stone with lime/cement walls".

COMPUTE brckwall = 0.
IF (hv214 = 33) brckwall = 1.
VARIABLE LABELS brckwall "if has brick walls".
VALUE LABELS brckwall 0 "does not have brick walls"
                    1 "has brick walls".

COMPUTE blkwall = 0.
IF (hv214 = 34) blkwall = 1.
VARIABLE LABELS blkwall "if has cement block walls".
VALUE LABELS blkwall 0 "does not have cement block walls"
                    1 "has cement block walls".

COMPUTE plnkwall = 0.
IF (hv214 = 35) plnkwall = 1.
VARIABLE LABELS plnkwall "if has wood plank walls".
VALUE LABELS plnkwall 0 "does not have wood plank walls"
                    1 "has wood plank walls".

COMPUTE othwall = 0.
IF (hv214 = 96) othwall = 1.
VARIABLE LABELS othwall "if has other walls".

```

```

VALUE LABELS othwall 0 "does not have other walls"
                  1 "has other walls".

*Main roof material.

COMPUTE noroof = 0.
IF (hv215 = 11) noroof = 1.
VARIABLE LABELS noroof "if dwelling has no roof".
VALUE LABELS noroof 0 "Has a roof roof"
                  1 "dwelling has no roof".

COMPUTE natroof = 0.
IF (hv215 = 12) natroof = 1.
VARIABLE LABELS natroof "if has thatch roof".
VALUE LABELS natroof 0 "does not have thatch roof"
                  1 "has thatch roof".

COMPUTE matroof = 0.
IF (hv215 = 21) matroof = 1.
VARIABLE LABELS matroof "if has rustci mat roof".
VALUE LABELS matroof 0 "does not have rustic mat roof"
                  1 "has rustic mat roof".

COMPUTE plnkrroof = 0.
IF (hv215 = 23) plnkrroof = 1.
VARIABLE LABELS plnkrroof "if has wood plank roof".
VALUE LABELS plnkrroof 0 "does not have wood plank roof"
                  1 "has wood plank roof".

COMPUTE mtlroof = 0.
IF (hv215 = 31) mtlroof = 1.
VARIABLE LABELS mtlroof "if has metal roof".
VALUE LABELS mtlroof 0 "does not have metal roof"
                  1 "has metal roof".

COMPUTE woodroof = 0.
IF (hv215 = 32) woodroof = 1.
VARIABLE LABELS woodroof "if has wood roof".
VALUE LABELS woodroof 0 "does not have wood roof"
                  1 "has wood roof".

COMPUTE asbroof = 0.
IF (hv215 = 33) asbroof = 1.
VARIABLE LABELS asbroof "if has asbestos roof".
VALUE LABELS asbroof 0 "does not have asbestos roof"
                  1 "has asbestos roof".

COMPUTE tileroof = 0.
IF (hv215 = 34) tileroof = 1.
VARIABLE LABELS tileroof "if has tile roof".
VALUE LABELS tileroof 0 "does not have tile roof"
                  1 "has tile roof".

```

```

COMPUTE centroof = 0.
IF (hv215 = 35) centroof = 1.
VARIABLE LABELS centroof "if has cement roof".
VALUE LABELS centroof 0 "does not have cement roof"
                  1 "has cement roof".

COMPUTE othroof = 0.
IF (hv215 = 96) othroof = 1.
VARIABLE LABELS othroof "if has other roof".
VALUE LABELS othroof 0 "does not have other roof"
                  1 "has other roof".

*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 natural gas or lpg for cooking".
VALUE LABELS cookgas 0 "does not use gas for cooking"
                  1 "uses gas for cooking".

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

COMPUTE cookkero = 0.
IF (hv226 = 5 ) cookkero = 1.
VARIABLE LABELS cookkero "if uses paraffin or kerosene for
cooking".
VALUE LABELS cookkero 0 "does not use kerosene for cooking"
                  1 "uses kerosene for cooking".

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

COMPUTE cookchar = 0.
IF (hv226 = 7) cookchar = 1.
VARIABLE LABELS cookchar "if uses charcoal for cooking".
VALUE LABELS cookchar 0 "does not use charcoal for cooking"
                  1 "uses charcoal for cooking".

```

```

COMPUTE cookwood = 0.
IF (hv226 ge 8 & hv226 le 11) cookwood = 1.
VARIABLE LABELS cookwood "if uses wood/straw, dung for cooking
fuel".
VALUE LABELS cookwood 0 "does not use wood/straw/dung for
cooking"
                        1 "uses wood/straw/dung for
cooking".

COMPUTE cookoth = 0.
IF (hv226 = 96) cookoth = 1.
VARIABLE LABELS cookoth "if uses other fuel for cooking fuel".
VALUE LABELS cookoth 0 "does not use other fuel for cooking"
                        1 "uses other fuel for cooking".

COMPUTE cooknone = 0.
IF (hv226 = 95) cooknone = 1.
VARIABLE LABELS cooknone "if doesn't cook/if goes out to eat".
VALUE LABELS cooknone 0 "cooks"
                        1 "doesn't cook/goes out".

*Type of dwelling unit.
compute dweltrad=0.
if (sh116 =1) dweltrad=1.
var labels dweltrad "If dwelling is traditional type".
value labels dweltrad 1 "Dwelling is traditional type".

compute dwelmix=0.
if (sh116 =2) dwelmix=1.
var labels dwelmix "If dwelling is mixed type".
value labels dwelmix 1 "Dwelling is mixed type".

compute dweldet=0.
if (sh116 =3) dweldet=1.
var labels dweldet "If dwelling is detached type".
value labels dweldet 1 "Dwelling is detached type".

compute dwelsemi=0.
if (sh116 =4) dwelsemi=1.
var labels dwelsemi "If dwelling is semi-detached type".
value labels dwelsemi 1 "Dwelling is semi-detached type".

compute dwelflat=0.
if (sh116 =5) dwelflat=1.
var labels dwelflat "If dwelling is flat/townhome".
value labels dwelflat 1 "Dwelling is flat/townhome".

compute dwelshak=0.
if (sh116 =6) dwelshak=1.
var labels dwelshak "If dwelling is shack".
value labels dwelshak 1 "Dwelling is shack".

```

```

compute dweloth=0.
if (sh116 =96) dweloth=1.
var labels dweloth "If dwelling is other type".
value labels dweloth 1 "Dwelling is other type".

```

```

* Windows.
if (missing(sh120a)) sh120a = 0.
if (missing(sh120b)) sh120b = 0.
if (missing(sh120c)) sh120c = 0.
if (missing(sh120d)) sh120d = 0.

```

```

* Wheelbarrow.
if (missing(sh122g)) sh122g = 0.

```

```
EXECUTE.
```

```
FACTOR
```

```

/VARIABLES sh120a sh120b sh120c sh120d sh122g ownland h2oires
h2oyard h2opub h2otube h2opdw h2oupdw h2psprng h2usprng h2orain
h2otrk h2ocart h2osurf h2obottl flush shflush latvip shlatvip
latpits
slatpits latpitr slatpitr latbush compost latbckt sewer septic
flshlat
flshoth electric radio tv fridge bicycle motobk car phone
mphone watch cart
mboat bank sleep land cattle cttdk horses horsdk goats
goatdk sheep chick chickdk pigs pigsdk natfloo woodfloo
parqfloo
vinlfloo tilefloo cemtfloo rugfloo othfloo natwall stonwall
plywall papwall
rwwall cementwall stlmwall brckwall blkwall plnkwall othwall
norooft natrooft
matrooft plnkrrooft mtlrooft woodrooft asbrooft tilerooft cementrooft
othrooft cookelec cookgas cookbio cookkero cookcoal cookchar
cookwood
cooknone dweltrad dwelmix dweldet dwelsemi dwelflat dwelshak
dweloth
/MISSING MEANSUB /ANALYSIS sh120a sh120b sh120c sh120d sh122g
ownland h2oires h2oyard h2opub h2otube h2opdw h2oupdw h2psprng
h2usprng h2orain h2otrk h2ocart h2osurf h2obottl flush shflush
latvip
shlatvip latpits slatpits latpitr slatpitr latbush compost
latbckt sewer
septic flshlat flshoth electric radio tv fridge bicycle motobk
car phone
mphone watch cart mboat bank sleep land cattle cttdk
horses horsdk goats goatdk sheep chick chickdk pigs pigsdk
natfloo
woodfloo parqfloo vinlfloo tilefloo cemtfloo rugfloo othfloo

```

```

natwall
  stonwall plywall papwall rwwall cemtwall stlmwall brckwall
blckwall plnkwall
  othwall noroof natroof matroof plnkrroof mtlroof woodroof
asbroof
  tileroof cemtroof othroof cookelec cookgas cookbio cookkero
cookcoal
  cookchar cookwood cooknone dweltrad dwelmix dweldet dwelsemi
dwelflat dwelshak dweloth
/PRINT UNIVARIATE INITIAL CORRELATION SIG EXTRACTION FSCORE
/CRITERIA FACTORS(1) ITERATE(25)
/EXTRACTION PC
/ROTATION NOROTATE
/SAVE REG(ALL)
/METHOD=CORRELATION .

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

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

RECODE
fac1_1
(Lowest thru -1.047883144711=1) (-1.047883144711 thru
-0.5761248330756=2) (-0.5761248330756 thru
-0.01674189756094=3) (-0.01674189756094 thru 1.202925323784=4)
(1.202925323784 thru Highest=5) INTO wlthind5 .
VARIABLE LABELS wlthind5 'Wealth Index Quintiles'.
EXECUTE .

write outfile='P:\DHR\PROJECTS\HNP_POVERTY\non-contract countries
\zimbabwe2005\scores.dat'
records=1 table /hhid fac1_1 wlthind5.
execute.

freq hv012.
freq hv005.

weight off.
freq hv005.

MEANS
TABLES=sh120a sh120b sh120c sh120d sh122g ownland h2oires
h2oyard h2opub h2otube h2opdw h2oupdw h2psprng h2usprng h2orain
h2otrk h2ocart h2osurf h2obottl flush shflush latvip shlatvip

```

```

latpits
  slatpits latpitn slatpitn latbush compost latbckt sewer septic
flshlat
  flshoth electric radio tv fridge bicycle motobk car phone
mphone watch cart
  mboat bank sleep land cattle cttldk horses horsdk goats
  goatdk sheep chick chickdk pigs pigsdk natfloo woodfloo
parqfloo
  vinlfloo tilefloo cemtfloo rugfloo othfloo natwall stonwall
plywall papwall
  rwwall cemtwall stlmwall brckwall blkwall plnkwall othwall
norooft natroof
  matroof plnkroof mtlroof woodroof asbroof tileroof centroof
  othroof cookelec cookgas cookbio cookkero cookcoal cookchar
cookwood
  cooknone dweltrad dwelmix dweldet dwelsemi dwelflat dwelshak
dweloth BY wlthind5
  /CELLS MEAN .

```

```

FREQ sh120a sh120b sh120c sh120d sh122g ownland h2oires
  h2oyard h2opub h2otube h2opdw h2oupdw h2psprng h2usprng h2orain
  h2otrk h2ocart h2osurf h2obottl flush shflush latvip shlatvip
latpits
  slatpits latpitn slatpitn latbush compost latbckt sewer septic
flshlat
  flshoth electric radio tv fridge bicycle motobk car phone
mphone watch cart
  mboat bank sleep land cattle cttldk horses horsdk goats
  goatdk sheep chick chickdk pigs pigsdk natfloo woodfloo
parqfloo
  vinlfloo tilefloo cemtfloo rugfloo othfloo natwall stonwall
plywall papwall
  rwwall cemtwall stlmwall brckwall blkwall plnkwall othwall
norooft natroof
  matroof plnkroof mtlroof woodroof asbroof tileroof centroof
  othroof cookelec cookgas cookbio cookkero cookcoal cookchar
cookwood
  cooknone dweltrad dwelmix dweldet dwelsemi dwelflat dwelshak
dweloth.

```

freq wlthind5.

weight off.

freq wlthind5.

RANK

```

  VARIABLES=fac1_2 (A) /RANK /NTILES (5) /PRINT=NO
  /TIES=HIGH .

```

freq nfac1_2.

→

FACTOR

