

DATA LIST FILE='C:\HNP2A\MOZAMBIQUE\_DHS\_2011\MZEXPORTED.DAT'  
RECORDS=1

/

HV001	1-8
HV002	9-12
HV005	13-20
HV025	21-21
HV009	22-23
HV012	24-25
HV013	26-27
HV201	28-29
HV202	30-31
HV204	32-34
HV205	35-36
HV206	37-37
HV207	38-38
HV208	39-39
HV209	40-40
HV210	41-41
HV211	42-42
HV212	43-43
HV213	44-45
HV214	46-47
HV215	48-49
HV216	50-51
HV217	52-52
HV218	53-54
HV219	55-55
HV220	56-57
HV221	58-58
HV225	59-59
HV226	60-61
HV227	62-62
HV228	63-63
HV230A	64-64
HV230B	65-65
HV232	66-66
HV232B	67-67
HV232C	68-68
HV232D	69-69
HV232E	70-70
HV232Y	71-71
HV234	72-74
HV234A	75-75
HV235	76-76
HV236	77-77
HV237	78-78
HV237A	79-79
HV237B	80-80
HV237C	81-81
HV237D	82-82
HV237E	83-83

HV237F	84-84
HV237G	85-85
HV237H	86-86
HV237I	87-87
HV237J	88-88
HV237K	89-89
HV237X	90-90
HV237Z	91-91
HV238	92-93
HV239	94-94
HV240	95-95
HV241	96-96
HV242	97-97
HV243A	98-98
HV243B	99-99
HV243C	100-100
HV243D	101-101
HV244	102-102
HV245	103-105
HV246	106-106
HV246A	107-108
HV246B	109-110
HV246C	111-112
HV246D	113-114
HV246E	115-116
HV246F	117-118
HV246G	119-120
HV246H	121-122
HV246I	123-124
HV246J	125-126
HV246K	127-128
HV247	129-129
HV252	130-130
HV253	131-131
HV253A	132-132
HV253B	133-133
HV253C	134-134
HV253D	135-135
HV253E	136-136
HV253F	137-137
HV253G	138-138
HV253H	139-139
HV253X	140-140
HV253Z	141-141
HV270	142-142
HV271	143-150
HML1	151-152
HML1A	153-153
HML2	154-155
SHBEGINH	156-157
SHBEGINM	158-159
SHENDH	160-161

SHENDM	162-163
SHEAST	164-169
SHNORTH	170-176
SH104A	177-180
DOMESTIC	181-181
HOUSE	182-182
LAND	183-183

VARIABLE LABELS

HV001	"Cluster number"
/HV002	"Household number"
/HV005	"Household sample weight (6 decimals)"
/HV025	"Type of place of residence"
/HV009	"Number of household members"
/HV012	"Number of de jure members"
/HV013	"Number of de facto members"
/HV201	"Source of drinking water"
/HV202	"Source of non-drinking water"
/HV204	"Time to get to water source (minutes)"
/HV205	"Type of toilet facility"
/HV206	"Has electricity"
/HV207	"Has radio"
/HV208	"Has television"
/HV209	"Has refrigerator"
/HV210	"Has bicycle"
/HV211	"Has motorcycle/scooter"
/HV212	"Has car/truck"
/HV213	"Main floor material"
/HV214	"Main wall material"
/HV215	"Main roof material"
/HV216	"Number of rooms used for sleeping"
/HV217	"Relationship structure"
/HV218	"Line number of head of household"
/HV219	"Sex of head of household"
/HV220	"Age of head of household"
/HV221	"Has telephone (land-line)"
/HV225	"Share toilet with other households"
/HV226	"Type of cooking fuel"
/HV227	"Has mosquito bed net for sleeping"
/HV228	"Children under 5 slept under mosquito bed net last night"
/HV230A	"Place where household members wash their hands"
/HV230B	"Presence of water at hand washing place"
/HV232	"Items present: Soap or detergent"
/HV232B	"Items present: Ash, mud, sand"
/HV232C	"Items present: CS"
/HV232D	"Items present: CS"
/HV232E	"Items present: CS"
/HV232Y	"Items present: None"
/HV234	"Result of salt test for iodine (PPM)"
/HV234A	"Result of salt test for iodine"
/HV235	"Location of source for water"

/HV236 "Person fetching water"  
 /HV237 "Anything done to water to make safe to drink"  
 /HV237A "Water usually treated by: boil"  
 /HV237B "Water usually treated by: add bleach/chlorine"  
 /HV237C "Water usually treated by: strain through a cloth"  
 /HV237D "Water usually treated by: use water filter"  
 /HV237E "Water usually treated by: solar disinfection"  
 /HV237F "Water usually treated by: let it stand and settle"  
 /HV237G "Water usually treated by: add "certeza"  
 /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 pigs"  
 /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"  
 /SHBEGINH "Time household interview started (hour)"  
 /SHBEGINM "Time household interview started (minutes)"  
 /SHENDH "Time household interview ended (hour)"  
 /SHENDM "Time household interview ended (minutes)"  
 /SHEAST "GIS Easting coordinate"  
 /SHNORTH "GIS Northing coordinate"  
 /SH104A "What is the walking distance from your house to the  
 place you get water?"  
 /DOMESTIC "domestic"  
 /HOUSE "house"  
 /LAND "land"

MISSING VALUE

HV201 (99)  
 /HV202 (99)  
 /HV204 (999)  
 /HV205 (99)  
 /HV206 (9)  
 /HV207 (9)  
 /HV208 (9)  
 /HV209 (9)  
 /HV210 (9)  
 /HV211 (9)  
 /HV212 (9)  
 /HV213 (99)  
 /HV214 (99)  
 /HV215 (99)  
 /HV216 (99)  
 /HV219 (9)  
 /HV220 (99)  
 /HV221 (9)  
 /HV225 (9)  
 /HV226 (99)  
 /HV227 (9)  
 /HV228 (9)  
 /HV230A (9)  
 /HV230B (9)  
 /HV232 (9)  
 /HV232B (9)  
 /HV232C (9)  
 /HV232D (9)  
 /HV232E (9)  
 /HV232Y (9)  
 /HV234 (999)

/HV234A (9)  
/HV235 (9)  
/HV236 (9)  
/HV237 (9)  
/HV237A (9)  
/HV237B (9)  
/HV237C (9)  
/HV237D (9)  
/HV237E (9)  
/HV237F (9)  
/HV237G (9)  
/HV237H (9)  
/HV237I (9)  
/HV237J (9)  
/HV237K (9)  
/HV237X (9)  
/HV237Z (9)  
/HV238 (99)  
/HV239 (9)  
/HV240 (9)  
/HV241 (9)  
/HV242 (9)  
/HV243A (9)  
/HV243B (9)  
/HV243C (9)  
/HV243D (9)  
/HV244 (9)  
/HV245 (999)  
/HV246 (9)  
/HV246A (99)  
/HV246B (99)  
/HV246C (99)  
/HV246D (99)  
/HV246E (99)  
/HV246F (99)  
/HV246G (99)  
/HV246H (99)  
/HV246I (99)  
/HV246J (99)  
/HV246K (99)  
/HV247 (9)  
/HV252 (9)  
/HV253 (9)  
/HV253A (9)  
/HV253B (9)  
/HV253C (9)  
/HV253D (9)  
/HV253E (9)  
/HV253F (9)  
/HV253G (9)  
/HV253H (9)  
/HV253X (9)

/HV253Z (9)  
/HML1 (99)  
/HML2 (99)

VALUE LABELS

HV025

- 1 "Urban"
- 2 "Rural"

/HV201

- 10 "PIPED WATER"
- 11 "Piped into dwelling"
- 12 "Piped to yard/plot"
- 13 "Public tap/standpipe"
- 14 "Neighbor's house"
- 20 "TUBE WELL WATER"
- 21 "Tube well or borehole"
- 30 "DUG WELL (OPEN/PROTECTED)"
- 31 "Protected well"
- 32 "Unprotected well"
- 33 "Borehole with pump"
- 40 "SURFACE WATER"
- 41 "Protected spring"
- 42 "Unprotected spring"
- 43 "River/dam/lake/ponds/stream/canal/irrigation channel"
- 51 "Rainwater"
- 61 "Tanker truck"
- 62 "Cart with small tank"
- 71 "Bottled water"
- 96 "Other"

/HV202

- 10 "PIPED WATER"
- 11 "Piped into dwelling"
- 12 "Piped to yard/plot"
- 13 "Public tap/standpipe"
- 20 "TUBE WELL WATER"
- 21 "Tube well or borehole"
- 30 "DUG WELL (OPEN/PROTECTED)"
- 31 "Protected well"
- 32 "Unprotected well"
- 40 "SURFACE WATER"
- 41 "Protected spring"
- 42 "Unprotected spring"
- 43 "River/dam/lake/ponds/stream/canal/irrigation channel"
- 51 "Rainwater"
- 61 "Tanker truck"
- 62 "Cart with small tank"
- 71 "Bottled water"
- 96 "Other"

/HV204

- 996 "On premises"
- 998 "Don't know"

/HV205

10 "FLUSH TOILET"  
 11 "Flush to piped sewer system"  
 12 "Flush to septic tank"  
 13 "Flush to pit latrine"  
 14 "Flush to somewhere else"  
 15 "Flush, don't know where"  
 20 "PIT TOILET LATRINE"  
 21 "Ventilated Improved Pit latrine (VIP)"  
 22 "Pit latrine with slab"  
 23 "Pit latrine without slab/open pit"  
 30 "NO FACILITY"  
 31 "No facility/bush/field"  
 41 "Composting toilet"  
 42 "Bucket toilet"  
 43 "Hanging toilet/latrine"  
 96 "Other"  
 /HV206  
   0 "No"  
   1 "Yes"  
 /HV207  
   0 "No"  
   1 "Yes"  
 /HV208  
   0 "No"  
   1 "Yes"  
 /HV209  
   0 "No"  
   1 "Yes"  
 /HV210  
   0 "No"  
   1 "Yes"  
 /HV211  
   0 "No"  
   1 "Yes"  
 /HV212  
   0 "No"  
   1 "Yes"  
 /HV213  
   10 "NATURAL"  
   11 "Earth/ sand"  
   12 "Dung"  
   20 "RUDIMENTARY"  
   21 "Wood plank"  
   22 "Adobe"  
   30 "FINISHED"  
   31 "Parquet or polished wood"  
   32 "Tiles/ bricks"  
   34 "Cements"  
   96 "Other"  
 /HV214  
   10 "NATURAL"  
   11 "No walls"



12 "Cane/Palm/Trunks"  
 13 "Tin/ cardborad/ paper/ bags"  
 20 "RUDIMENTARY"  
 21 "Masica sticks"  
 22 "Casca"  
 23 "Wood/ metal planks"  
 24 "Adobe"  
 30 "FINISHED"  
 31 "Bricks"  
 32 "Cement blocks"  
 96 "Other"  
 /HV215  
 10 "NATURAL"  
 11 "No roof"  
 12 "Grass/ thatch/ palm leaf"  
 20 "RUDIMENTARY"  
 30 "FINISHED"  
 31 "Metal"  
 33 "Calamine/ cement fiber"  
 34 "Ceramic tiles"  
 35 "Cement"  
 96 "Other"  
 /HV217  
 0 "No adults"  
 1 "One adult"  
 2 "Two adults, opposite sex"  
 3 "Two adults, same sex"  
 4 "Three+ related adults"  
 5 "Unrelated adults"  
 /HV219  
 1 "Male"  
 2 "Female"  
 /HV220  
 97 "97+ "  
 98 "Don't know"  
 /HV221  
 0 "No"  
 1 "Yes"  
 /HV225  
 0 "No"  
 1 "Yes"  
 /HV226  
 1 "Electricity"  
 2 "LPG"  
 3 "Natural gas"  
 4 "Biogas"  
 5 "Kerosene"  
 6 "Coal, lignite"  
 7 "Charcoal"  
 8 "Wood"  
 9 "Straw/shrubs/grass"  
 10 "Agricultural crop"

11 "Animal dung"  
 95 "No food cooked in house"  
 96 "Other"  
 /HV227  
   0 "No"  
   1 "Yes"  
 /HV228  
   0 "No"  
   1 "All children"  
   2 "Some children"  
   3 "No net in household"  
 /HV230A  
   1 "Observed"  
   2 "Not observed: not in dwelling"  
   3 "Not observed: no permission to see"  
   4 "Not observed: other reason"  
 /HV230B  
   0 "Water not available"  
   1 "Water is available"  
 /HV232  
   0 "No"  
   1 "Yes"  
 /HV232B  
   0 "No"  
   1 "Yes"  
 /HV232C  
   0 "No"  
   1 "Yes"  
 /HV232D  
   0 "No"  
   1 "Yes"  
 /HV232E  
   0 "No"  
   1 "Yes"  
 /HV232Y  
   0 "No"  
   1 "Yes: no cleansing agent observed"  
 /HV234  
   0 "0 PPM (no iodine)"  
   7 "Below 15 PPM"  
  15 "15 PPM and above"  
  30 "30 PPM"  
  94 "Salt not tested"  
  95 "No salt in household"  
 /HV234A  
   0 "No iodine"  
   1 "Iodine present"  
   3 "No salt in household"  
   6 "Salt not tested"  
 /HV235  
   1 "In own dwelling"  
   2 "In own yard/plot"

3 "Elsewhere"  
/HV236  
1 "Adult woman"  
2 "Adult man"  
3 "Female child under 15 years old"  
4 "Male child under 15 years old"  
6 "Other"  
/HV237  
0 "No"  
1 "Yes"  
8 "Don't know"  
/HV237A  
0 "No"  
1 "Yes"  
8 "Don't know"  
/HV237B  
0 "No"  
1 "Yes"  
8 "Don't know"  
/HV237C  
0 "No"  
1 "Yes"  
8 "Don't know"  
/HV237D  
0 "No"  
1 "Yes"  
8 "Don't know"  
/HV237E  
0 "No"  
1 "Yes"  
8 "Don't know"  
/HV237F  
0 "No"  
1 "Yes"  
8 "Don't know"  
/HV237G  
0 "No"  
1 "Yes"  
8 "Don't know"  
/HV237H  
0 "No"  
1 "Yes"  
8 "Don't know"  
/HV237I  
0 "No"  
1 "Yes"  
8 "Don't know"  
/HV237J  
0 "No"  
1 "Yes"  
8 "Don't know"  
/HV237K

0 "No"  
1 "Yes"  
8 "Don't know"  
/HV237X  
0 "No"  
1 "Yes"  
8 "Don't know"  
/HV237Z  
0 "No"  
1 "Yes: don't know what is done to water"  
8 "Don't know"  
/HV238  
95 "10 or more households"  
98 "Don't know"  
/HV239  
1 "Open fire"  
2 "Open stove"  
3 "Closed stove with chimney"  
6 "Other"  
/HV240  
0 "Neither chimney or hood"  
1 "Chimney"  
2 "Hood"  
/HV241  
1 "In the house"  
2 "In a separate building"  
3 "Outdoors"  
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"  
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/HV246G  
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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

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    98 "Don't know"
/SH104A
    9995 "10,000 meters or more"
    9998 "Don't know"
.
EXECUTE.

*{Construct Variables}.

*{Members per sleeping room}.
if (hv012=0) hv012=hv013.
if (hv216>0) memsleep=trunc(hv012/hv216).
if (hv216=0) memsleep=hv012.
if (memsleep>=98) memsleep=98.

VARIABLE LABELS
    MEMSLEEP "Number of members per sleeping room".
value labels memsleep 0 'Less than 1 per room'.

*{Drinking water supply}.
compute h2oires=0.
if (hv201=11) h2oires=1.
var labels h2oires "Piped into dwelling".
compute h2oyrd=0.
if (hv201=12) h2oyrd=1.
var labels h2oyrd "Piped into yard/plot".
compute h2opub=0.
if (hv201=13) h2opub=1.
var labels h2opub "Communal tap".
compute h2onei=0.
if (hv201=14) h2onei=1.
var labels h2onei "Neighbor's house".

compute h2obore=0.
if (hv201=21) h2obore=1.
var labels h2obore "Borehole/tube well".

compute h2opwel=0.
if (hv201=31) h2opwel=1.
var labels h2opwel "Protected well".
compute h2iowel=0.
if (hv201=32) h2iowel=1.
var labels h2iowel "Unprotected well".
compute h2obhp=0.
if (hv201=33) h2obhp=1.
var labels h2obhp "Borehold with pump".

compute h2opspg=0.
if (hv201=41) h2opspg=1.
var labels h2opspg "Protected spring".
compute h2ouspg=0.
if (hv201=42) h2ouspg=1.

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var labels h2ouspg "Unprotected spring".
compute h2osurf=0.
if (hv201=43) h2osurf=1.
var labels h2osurf "Surface water-river, lake, dam, etc.".
compute h2orain=0.
if (hv201=51) h2orain=1.
var labels h2orain "Water from rain".
compute h2otruck=0.
if (hv201=61) h2otruck=1.
var labels h2otruck "Water from tanker truck".
compute h2ovend=0.
if (hv201=62) h2ovend=1.
var labels h2ovend "Water from cart with small tank".
compute h2obot=0.
if (hv201=71) h2obot=1.
var labels h2obot "Bottled water".

compute h2ooth=0.
if (hv201=96) h2ooth=1.
var labels h2ooth "Other water source".

*{Toilet facility}.
compute flushs=0.
if (hv205=11) flushs=1.
var labels flushs "Flush to piped sewer system".
compute flusht=0.
if (hv205=12) flusht=1.
var labels flusht "Flush to septic tank".
compute flushp=0.
if (hv205=13) flushp=1.
var labels flushp "Flush to pit latrine".
compute flushe=0.
if (hv205=14) flushe=1.
var labels flushe "Flush to somewhere else".
compute flushdk=0.
if (hv205=15) flushdk=1.
var labels flushdk "Flush to don't know where".

compute latvip=0.
if (hv205=21) latvip=1.
var labels latvip "VIP latrine".
compute latpits=0.
if (hv205=22) latpits=1.
var labels latpits "Pit latrine with slab".
compute latpit=0.
if (hv205=23) latpit=1.
var labels latpit "Pit latrine with no slab".

compute latcomp=0.
if (hv205=41) latcomp=1.
var labels latcomp 'Composting toilet/ecosan'.
compute latpail=0.

```



```

if (hv205=42) latpail=1.
var labels latpail 'Bucket toilet'.
compute lathang=0.
if (hv205=43) lathang=1.
var labels lathang 'Hanging toilet'.
compute lateco=0.

compute latbush=0.
if (hv205=31) latbush=1.
var labels latbush "No facility/bush/field".
compute latoth=0.
if (hv205=96) latoth=1.
var labels latoth 'Other type of latrine/toilet'.

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

*{Flooring}.
compute dirtfloo=0.
if (hv213=11 or hv213=12) dirtfloo=1.
var labels dirtfloo "Earth, sand, dung floor".
compute rwoodfloo=0.
if (hv213=21) rwoodfloo=1.
var labels rwoodfloo "Rudimentary wood plank floor".
compute adobfloo=0.
if (hv213=22) adobfloo=1.
var labels adobfloo "Adobe floor".
compute prqfloo=0.
if (hv213=31) prqfloo=1.
var labels prqfloo "Polished wood floor".
compute tilefloo=0.
if (hv213=32) tilefloo=1.
var labels tilefloo "Ceramic tile/brick floor".
compute cemtfloo=0.
if (hv213=34) cemtfloo=1.
var labels cemtfloo "Cement floor".

compute othfloo=0.
if (hv213=96) othfloo=1.
var labels othfloo "Other type of flooring".

*{Walls}.
compute nowall=0.
if (hv214=11) nowall=1.
var labels nowall "No walls".
compute natwall=0.
if (hv214=12) natwall=1.
var labels natwall "Grass/thatch/mud walls".
compute wstwall=0.

```

```

if (hv214=13) wstwall=1.
var labels wstwall "Tin/cardboard/paper/bags walls".
compute stkwall=0.
if (hv214=21) stkwall=1.
var labels stkwall "Masica sticks walls".
compute caswall=0.
if (hv214=22) caswall=1.
var labels caswall "Casca walls".
compute woodwall=0.
if (hv214=23) woodwall=1.
var labels woodwall "Wood/ metal planks walls".
compute adobwall=0.
if (hv214=24) adobwall=1.
var labels adobwall "Adobe walls".

compute brkwall=0.
if (hv214=31) brkwall=1.
var labels brkwall "Brick walls".
compute cmtwall=0.
if (hv214=32) cmtwall=1.
var labels cmtwall "Cement block walls".
compute othwall=0.
if (hv214=96) othwall=1.
var labels othwall "Other type of walls".

*{Roofing}.
compute noroof=0.
if (hv215=11) noroof=1.
var labels noroof "No roof".
compute natroof=0.
if (hv215=12) natroof=1.
var labels natroof "Grass/thatch/mud roof".
compute rudroof=0.
if (hv215=20) rudroof=1.
var labels rudroof "Rudimentary roof".
compute metroof=0.
if (hv215=31) metroof=1.
var labels metroof "Iron sheet roof".
compute calroof=0.
if (hv215=33) calroof=1.
var labels calroof "Calamine/cement fiber roof".
compute tileroof=0.
if (hv215=34) tileroof=1.
var labels tileroof "Tile roof".
compute cmtroof=0.
if (hv215=35) cmtroof=1.
var labels cmtroof "Cement (concrete) 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 cookgas=0.
if (hv226=2 or hv225=3) cookgas=1.
var labels cookgas "LPG, natural gas for cooking".
compute cookbio=0.
if (hv226=4) cookbio=1.
var labels cookbio "Biogas for cooking".
compute cookkero=0.
if (hv226=5) cookkero=1.
var labels cookkero "Kerosene for cooking".
compute cookcoal=0.
if (hv226=6) cookcoal=1.
var labels cookcoal "Coal/lignite for cooking".
compute cookchar=0.
if (hv226=7) cookchar=1.
var labels cookchar "Charcoal for cooking".
compute cookwood=0.
if (hv226=8) cookwood=1.
var labels cookwood "Wood for cooking".
compute cookstraw=0.
if (hv226=9) cookstraw=1.
var labels cookstraw "Straw, shrubs, grass for cooking".
compute cookcrop=0.
if (hv226=10) cookcrop=1.
var labels cookcrop "Agric. residue for cooking".
compute cookdung=0.
if (hv226=11) cookdung=1.
var labels cookdung "Dung for cooking".
compute cooknone=0.
if (hv226=95) cooknone=1.
var labels cooknone 'Does not cook'.
compute cookoth=0.
if (hv226=96) cookoth=1.
var labels cookoth "Other fuel for cooking".

*{Reset missing values to "does not have", change 2 code to 0}.
if (hv206<>1) hv206=0.
if (hv207<>1) hv207=0.
if (hv208<>1) hv208=0.
if (hv209<>1) hv209=0.
if (hv210<>1) hv210=0.
if (hv211<>1) hv211=0.
if (hv212<>1) hv212=0.
if (hv221<>1) hv221=0.

if (hv243a<>1) hv243a=0.
if (hv243b<>1) hv243b=0.
if (hv243c<>1) hv243c=0.
if (hv243d<>1) hv243d=0.
if (hv247<>1) hv247=0.

```

```

* Country-specific items.

* Farmland.
if (hv244=0) hv245=0.

*set out of range codes to unknown-missing.
if (hv245>950) hv245=999.
missing values hv245(999).

*Farm animals.

if (hv246=0) hv246b=0.
if (hv246=0) hv246c=0.
if (hv246=0) hv246d=0.
if (hv246=0) hv246e=0.
if (hv246=0) hv246f=0.
if (hv246=0) hv246g=0.

execute.

weight off.

FREQUENCIES VARIABLES= hv025 HV012 HV013 HV201 HV204 HV205 HV206
HV207 HV208 HV209 HV210 HV211 HV212
    HV213 HV214 HV215 HV216 HV221 HV225 HV226 HV243A HV243B
HV243C HV243D HV244 HV245 HV246
    HV246B HV246C HV246D HV246E HV246F HV246G HV247 HOUSE LAND
/ORDER=ANALYSIS.

FREQUENCIES VARIABLES=memsleep h2oires h2oyrd h2opub h2onei
h2opwel h2iowel h2obhp
    h2osurf h2orain h2otruck h2obot h2ooth flushs flusht latvip
    latpits latpit latbush latshare dirtfloo rwoodfloo
    adobfloo prqfloo tilefloo cemtfloo othfloo nowall natwall
wstwall stkwall caswall woodwall adobwall
    brkwall cmtwall othwall noroof natroof metroof calroof
tileroof cmtroof othroof cookelec
    cookkero cookcoal cookchar cookwood cookdung cooknone cookoth
/ORDER=ANALYSIS.

save outfile="C:\HNP2A\MOZAMBIQUE_DHS_2011\mzdhs2011.sav".

*****.
** Do factor analysis to check on valid variables.

FACTOR

```

```

/VARIABLES HV206 HV207 HV208 HV209 HV210 HV211 HV212
HV221 HV243A HV243B HV243C HV243D HV244 HV245 HV246
HV246B HV246C HV246D HV246E HV246F HV246G HV247 HOUSE LAND
memsleep h2oires h2oyrd h2opub h2onei h2opwel h2iowel h2obhp
h2osurf h2orain h2otruck h2obot h2ooth flushs flusht latvip
latpits latpit latbush latshare dirtfloo rwoodfloo
adobfloo prqfloo tilefloo cemtfloo othfloo nowall natwall
wstwall stkwall caswall woodwall adobwall
brkwall cmtwall othwall noroof natroof metroof calroof
tileroof cmtroof othroof cookelec
cookkero cookcoal cookchar cookwood cookdung cooknone cookoth
/MISSING MEANSUB
/ANALYSIS HV206 HV207 HV208 HV209 HV210 HV211 HV212
HV221 HV243A HV243B HV243C HV243D HV244 HV245 HV246
HV246B HV246C HV246D HV246E HV246F HV246G HV247 HOUSE LAND
memsleep h2oires h2oyrd h2opub h2onei h2opwel h2iowel h2obhp
h2osurf h2orain h2otruck h2obot h2ooth flushs flusht latvip
latpits latpit latbush latshare dirtfloo rwoodfloo
adobfloo prqfloo tilefloo cemtfloo othfloo nowall natwall
wstwall stkwall caswall woodwall adobwall
brkwall cmtwall othwall noroof natroof metroof calroof
tileroof cmtroof othroof cookelec
cookkero cookcoal cookchar cookwood cookdung cooknone cookoth
/PRINT UNIVARIATE EXTRACTION
/CRITERIA FACTORS(1) ITERATE(25)
/EXTRACTION PC
/ROTATION NOROTATE
/METHOD=CORRELATION.

```

\*\* Common factor analysis.

weight off.

FACTOR

```

/VARIABLES HV206 HV207 HV208 HV209 HV210 HV211 HV212
HV221 HV243A HV243B HV243C HV243D
memsleep h2oires h2oyrd h2opub h2onei h2opwel h2iowel h2obhp
h2osurf h2orain h2otruck h2obot h2ooth flushs flusht latvip
latpits latpit latbush latshare dirtfloo rwoodfloo
adobfloo prqfloo tilefloo cemtfloo othfloo nowall natwall
wstwall stkwall caswall woodwall adobwall
brkwall cmtwall othwall noroof natroof metroof calroof
tileroof cmtroof othroof cookelec
cookkero cookcoal cookchar cookwood cookdung cooknone cookoth
/MISSING MEANSUB
/ANALYSIS HV206 HV207 HV208 HV209 HV210 HV211 HV212
HV221 HV243A HV243B HV243C HV243D
memsleep h2oires h2oyrd h2opub h2onei h2opwel h2iowel h2obhp
h2osurf h2orain h2otruck h2obot h2ooth flushs flusht latvip
latpits latpit latbush latshare dirtfloo rwoodfloo
adobfloo prqfloo tilefloo cemtfloo othfloo nowall natwall
wstwall stkwall caswall woodwall adobwall

```

```

    brkwall cmtwall othwall noroof natroof metroof calroof
tileroof cmtroof othroof cookelec
    cookkero cookcoal cookchar cookwood cookdung cooknone cookoth
/PRINT UNIVARIATE INITIAL EXTRACTION FSCORE
/CRITERIA FACTORS(1) ITERATE(25)
/EXTRACTION PC
/ROTATION NOROTATE
/SAVE REG(ALL com)
/METHOD=CORRELATION.

```

\*\* Urban Area

```

USE ALL.
COMPUTE filter_$=(hv025 = 1).
VARIABLE LABEL filter_$ 'hv025 = 1 (FILTER)'.
VALUE LABELS filter_$ 0 'Not Selected' 1 'Selected'.
FORMAT filter_$ (f1.0).
FILTER BY filter_$.
EXECUTE .

```

```

WEIGHT
OFF.

```

```

FACTOR
/VARIABLES HV206 HV207 HV208 HV209 HV210 HV211 HV212
    HV221 HV243A HV243B HV243C HV243D HV244 HV245 HV246
    HV246B HV246C HV246D HV246E HV246F HV246G HV247 HOUSE LAND
    memsleep h2oires h2oyrd h2opub h2onei h2opwel h2iowel h2obhp
    h2osurf h2orain h2otruck h2obot h2ooth flushs flusht latvip
    latpits latpit latbush latshare dirtfloo rwoodfloo
    adobfloo prqfloo tilefloo cemtfloo othfloo nowall natwall
wstwall stkwall woodwall adobwall
    brkwall cmtwall othwall noroof natroof metroof calroof
tileroof cmtroof othroof cookelec
    cookkero cookcoal cookchar cookwood cookdung cooknone cookoth
/MISSING MEANSUB
/ANALYSIS HV206 HV207 HV208 HV209 HV210 HV211 HV212
    HV221 HV243A HV243B HV243C HV243D HV244 HV245 HV246
    HV246B HV246C HV246D HV246E HV246F HV246G HV247 HOUSE LAND
    memsleep h2oires h2oyrd h2opub h2onei h2opwel h2iowel h2obhp
    h2osurf h2orain h2otruck h2obot h2ooth flushs flusht latvip
    latpits latpit latbush latshare dirtfloo rwoodfloo
    adobfloo prqfloo tilefloo cemtfloo othfloo nowall natwall
wstwall stkwall woodwall adobwall
    brkwall cmtwall othwall noroof natroof metroof calroof
tileroof cmtroof othroof cookelec
    cookkero cookcoal cookchar cookwood cookdung cooknone cookoth
/PRINT UNIVARIATE INITIAL EXTRACTION FSCORE
/CRITERIA FACTORS(1) ITERATE(25)
/EXTRACTION PC
/ROTATION NOROTATE
/SAVE REG(ALL URB)

```

```

/METHOD=CORRELATION .

** Rural Area

USE ALL.
COMPUTE filter_$(hv025 = 2).
VARIABLE LABEL filter_$ 'hv025 = 2 (FILTER)'.
VALUE LABELS filter_$ 0 'Not Selected' 1 'Selected'.
FORMAT filter_$ (f1.0).
FILTER BY filter_$.
EXECUTE .

FACTOR
/VARIABLES HV206 HV207 HV208 HV209 HV210 HV211 HV212
HV221 HV243A HV243B HV243C HV243D HV244 HV245 HV246
HV246B HV246C HV246D HV246E HV246F HV246G HV247 HOUSE LAND
memsleep h2oires h2oyrd h2opub h2onei h2opwel h2iowel h2obhp
h2osurf h2orain h2otruck h2obot h2ooth flushs flusht latvip
latpits latpit latbush latshare dirtfloo rwoodfloo
adobfloo prqfloo tilefloo cemtfloo othfloo nowall natwall
wstwall stkwall caswall woodwall adobwall
brkwall cmtwall othwall noroof natroof metroof calroof
tileroof cmtroof othroof cookelec
cookkero cookcoal cookchar cookwood cookdung cooknone cookoth
/MISSING MEANSUB
/ANALYSIS HV206 HV207 HV208 HV209 HV210 HV211 HV212
HV221 HV243A HV243B HV243C HV243D HV244 HV245 HV246
HV246B HV246C HV246D HV246E HV246F HV246G HV247 HOUSE LAND
memsleep h2oires h2oyrd h2opub h2onei h2opwel h2iowel h2obhp
h2osurf h2orain h2otruck h2obot h2ooth flushs flusht latvip
latpits latpit latbush latshare dirtfloo rwoodfloo
adobfloo prqfloo tilefloo cemtfloo othfloo nowall natwall
wstwall stkwall caswall woodwall adobwall
brkwall cmtwall othwall noroof natroof metroof calroof
tileroof cmtroof othroof cookelec
cookkero cookcoal cookchar cookwood cookdung cooknone cookoth
/PRINT UNIVARIATE INITIAL EXTRACTION FSCORE
/CRITERIA FACTORS(1) ITERATE(25)
/EXTRACTION PC
/ROTATION NOROTATE
/SAVE REG(ALL RUR)
/METHOD=CORRELATION.

```

```

* Calculate regressions with total score.
* Urban areas.

```

```

USE ALL.
COMPUTE filter_$(hv025 = 1).
VARIABLE LABEL filter_$ 'hv025 = 1 (FILTER)'.
VALUE LABELS filter_$ 0 'Not Selected' 1 'Selected'.
FORMAT filter_$ (f1.0).

```

```
FILTER BY filter_$.
EXECUTE .
```

```
REGRESSION
  /MISSING LISTWISE
  /STATISTICS COEFF OUTS R ANOVA
  /CRITERIA=PIN(.05) POUT(.10)
  /NOORIGIN
  /DEPENDENT com1
  /METHOD=ENTER URB1 .
```

```
* Rural areas.
USE ALL.
COMPUTE filter_$(hv025 = 2).
VARIABLE LABEL filter_$(hv025 = 2 (FILTER)'.
VALUE LABELS filter_$(hv025 = 2 (FILTER)' 0 'Not Selected' 1 'Selected'.
FORMAT filter_$(hv025 = 2 (FILTER)' (f1.0).
FILTER BY filter_$(hv025 = 2 (FILTER)'.
EXECUTE .
```

```
REGRESSION
  /MISSING LISTWISE
  /STATISTICS COEFF OUTS R ANOVA
  /CRITERIA=PIN(.05) POUT(.10)
  /NOORIGIN
  /DEPENDENT com1
  /METHOD=ENTER RUR1 .
```

```
FILTER OFF.
USE ALL.
EXECUTE .
```

```
*** Calculate combined wealth score from Urban and Rural Scores.
compute comb scor=0.
** Urban.
if (hv025 eq 1) comb scor=0.897+1.007* URB1.
** Rural.
if (hv025 eq 2) comb scor=(-0.518)+0.496* RUR1.
execute.
```

```
*Tabulation for histograms.
```

```
filter off.
use all.
.
```

```
*Calculate quintiles and scores for data file.
```



```
compute hhmemwt=hv012*hv005/1000000.
weight by hhmemwt.
VARIABLE LABELS hhmemwt 'HH members weighting for Index' .
```

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

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

```
frequencies variables=ncombsco.
```

```
** Urban areas.
USE ALL.
COMPUTE filter_$(hv025 = 1).
VARIABLE LABEL filter_$ 'hv025 = 1 (FILTER)'.
VALUE LABELS filter_$ 0 'Not Selected' 1 'Selected'.
FORMAT filter_$ (f1.0).
FILTER BY filter_$.
EXECUTE .
RANK
  VARIABLES=urbl (A) /RANK /NTILES (5) /PRINT=YES
  /TIES=MEAN .
```

```
** Rural areas.
USE ALL.
COMPUTE filter_$(hv025 = 2).
VARIABLE LABEL filter_$ 'hv025 = 1 (FILTER)'.
VALUE LABELS filter_$ 0 'Not Selected' 1 'Selected'.
FORMAT filter_$ (f1.0).
FILTER BY filter_$.
EXECUTE .
RANK
  VARIABLES=rurl (A) /RANK /NTILES (5) /PRINT=YES
  /TIES=MEAN .
```

```
FILTER OFF.
USE ALL.
EXECUTE.
```

```
compute hhwt=hv005/1000000.
weight by hhwt.
VARIABLE LABELS hhwt 'HH weights' .
```

```

MEANS
  TABLES=  HV206 HV207 HV208 HV209 HV210 HV211 HV212
            HV221 HV243A HV243B HV243C HV243D HV244 HV245 HV246
            HV246B HV246C HV246D HV246E HV246F HV246G HV247 HOUSE LAND
            memsleep h2oires h2oyrd h2opub h2onei h2opwel h2iowel h2obhp
            h2osurf h2orain h2otruck h2obot h2ooth flushs flusht latvip
            latpits latpit latbush latshare dirtfloo rwoodfloo
            adobfloo prqfloo tilefloo centfloo othfloo nowall natwall
            wstwall stkwall caswall woodwall adobwall
            brkwall cmtwall othwall noroof natroof metroof calroof
            tileroof cmtroof othroof cookelec
            cookkero cookcoal cookchar cookwood cookdung cooknone cookoth
BY ncombsco
  /CELLS MEAN COUNT STDDEV .

compute hv271=combscor.
compute hv270=ncombsco.

save outfile="C:\HNP2A\MOZAMBIQUE_DHS_2011\mzdhs2011.sav".

WEIGHT
  OFF.

compute hhwt=hv005/1000000.
weight by hhwt.

GRAPH
  /HISTOGRAM(NORMAL)=combscor
  /TITLE= 'Distribution of Households by Wealth Scores Mozambique
DHS 2011'.
FREQUENCIES
  VARIABLES=combscor /FORMAT=NOTABLE
  /NTILES= 5
  /STATISTICS=STDDEV MINIMUM MAXIMUM SEMEAN MEAN MEDIAN MODE
SKEWNESS SESKEW
  KURTOSIS SEKURT
  /ORDER= ANALYSIS .

**** set output formats.
formats combscor, urb1, rur1 (f11.5).

weight off.
WRITE OUTFILE="C:\HNP2A\MOZAMBIQUE_DHS_2011\mzdhs11scores.dat"
  TABLE
  /hv001 hv002 combscor ncombsco urb1 nurb1 rur1 nrur1 .
EXECUTE.

*****.

```

