

DATA LIST FILE='C:\macro stuff\kenya mis wealth index  
\KMIS2010WIDX.DAT' RECORDS=1

/

HHID	1-12	(A)
REC\$TYPE	13-13	(A)
HV000	14-16	(A)
HV001	17-24	
HV002	25-28	
HV003	29-31	
HV004	32-35	
HV005	36-43	
HV006	44-45	
HV007	46-49	
HV008	50-53	
HV009	54-55	
HV010	56-57	
HV011	58-59	
HV012	60-61	
HV013	62-63	
HV014	64-65	
HV015	66-66	
HV016	67-68	
HV017	69-69	
HV018	70-72	
HV019	73-74	
HV020	75-75	
HV021	76-79	
HV022	80-83	
HV023	84-85	
HV024	86-87	
HV025	88-88	
HV026	89-89	
HV027	90-90	
HV028	91-98	
HV030	99-101	
HV031	102-104	
HV032	105-106	
HV033	107-114	
HV035	115-116	
HV040	117-120	
HV201	121-122	
HV205	123-124	
HV206	125-125	
HV207	126-126	
HV208	127-127	
HV209	128-128	
HV210	129-129	
HV211	130-130	
HV212	131-131	
HV213	132-133	
HV214	134-135	
HV215	136-137	

HV216	138-139
HV217	140-140
HV218	141-142
HV219	143-143
HV220	144-145
HV221	146-146
HV226	147-148
HV227	149-149
HV228	150-150
HV243A	151-151
HV243B	152-152
HV243C	153-153
HV270	154-154
HV271	155-162
HML1	163-164
HML1A	165-165
HML2	166-167
SHDIST	168-170
SHMALARIA_ZONE	171-171
SH103H	172-172
SH103I	173-173
SH103J	174-174
SH103K	175-175
SH103L	176-176
SH103M	177-177
SH103N	178-178
SH103O	179-179
SH103P	180-180
SH109E	181-181
SH110	182-182
SH127	183-184
SH128	185-186
SH129	187-188
SH130	189-190
SH131	191-192
SH132	193-194
SH133	195-196
SH134	197-198
SH135	199-200

VARIABLE LABELS

HHID	"Case Identification"
/HV000	"Country code and phase"
/HV001	"Cluster number"
/HV002	"Household number"
/HV003	"Respondent's line number"
/HV004	"Ultimate area unit"
/HV005	"Sample weight"
/HV006	"Month of interview"
/HV007	"Year of interview"
/HV008	"Date of interview (CMC)"
/HV009	"Number of household members"

/HV010 "Number of eligible women in HH"  
 /HV011 "Number of eligible men in HH"  
 /HV012 "Number of de jure members"  
 /HV013 "Number of de facto members"  
 /HV014 "Number of children 0-14 for malaria/anemia"  
 /HV015 "Result of household interview"  
 /HV016 "Day of interview"  
 /HV017 "Number of visits"  
 /HV018 "Interviewer identification"  
 /HV019 "Keyer identification"  
 /HV020 "Ever-married sample"  
 /HV021 "Primary sampling unit"  
 /HV022 "Sample stratum number"  
 /HV023 "Sample domain"  
 /HV024 "Region"  
 /HV025 "Type of place of residence"  
 /HV026 "Place of residence"  
 /HV027 "Selection for male/husb. int."  
 /HV028 "Sample weight for male subsamp"  
 /HV030 "Field supervisor"  
 /HV031 "Field editor"  
 /HV032 "Office editor"  
 /HV033 "Ultimate area selection prob."  
 /HV035 "Number of eligible children for height & weight"  
 /HV040 "Cluster altitude in meters"  
 /HV201 "Source of drinking water"  
 /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 or boat"  
 /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 a landline telephone"  
 /HV226 "Type of cooking fuel"  
 /HV227 "Have bednet for sleeping"  
 /HV228 "Children under 5 slept under bednet last night"  
 /HV243A "Has a mobile telephone"  
 /HV243B "Has a watch"  
 /HV243C "Has an animal-drawn cart"  
 /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"  
 /SHMALARIA\_ZONE "Malaria Zone"  
 /SH103H "Solar Panel"  
 /SH103I "Fan"  
 /SH103J "Sewing machine"  
 /SH103K "Cassette player"  
 /SH103L "Plough"  
 /SH103M "Grain grinder"  
 /SH103N "VCR/DVD"  
 /SH103O "Tractor"  
 /SH103P "Hammer Mill"  
 /SH109E "BOTH car/truck AND boat with motor"  
 /SH110 "Dwelling sprayed last 12 months"  
 /SH127 "Net color"  
 /SH128 "Net shape"  
 /SH129 "Can hang a mosquito net"  
 /SH130 "Importance of sleeping under a net for children"  
 /SH131 "How frequently uses a mosquito net"  
 /SH132 "Treated net safe to sleep under"  
 /SH133 "Most people sleep under a ITN every night"  
 /SH134 "Can hang a net anywhere"  
 /SH135 "Malaria risk during rainy season"

MISSING VALUE

HV026 (9)  
 /HV201 (99)  
 /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)  
 /HV226 (99)  
 /HV227 (9)  
 /HV228 (9)  
 /HV243A (9)  
 /HV243B (9)  
 /HV243C (9)  
 /HML1 (99)  
 /HML2 (99)  
 /SH103H (9)

/SH103I (9)  
/SH103J (9)  
/SH103K (9)  
/SH103L (9)  
/SH103M (9)  
/SH103N (9)  
/SH103O (9)  
/SH103P (9)  
/SH109E (9)  
/SH110 (9)  
/SH127 (99)  
/SH128 (99)  
/SH129 (99)  
/SH130 (99)  
/SH131 (99)  
/SH132 (99)  
/SH133 (99)  
/SH134 (99)  
/SH135 (99)

VALUE LABELS

HV015

1 "Completed"  
2 "HH present, no resp"  
3 "HH absent"  
4 "Postponed"  
5 "Refused"  
6 "Dwelling vacant"  
7 "Dwelling destroyed"  
8 "Dwelling not found"  
9 "Other"

/HV020

0 "All woman sample"  
1 "Ever married sample"

/HV023

1 "NBO"  
2 "Central"  
3 "Coast"  
4 "Eastern"  
5 "N/Eastern"  
6 "Nyanza"  
7 "R/Valley"  
8 "Western"

/HV024

1 "NBO"  
2 "Central"  
3 "Coast"  
4 "Eastern"  
5 "N/Eastern"  
6 "Nyanza"  
7 "R/Valley"  
8 "Western"

/HV025  
   1 "Urban"  
   2 "Rural"  
 /HV026  
   0 "Capital, large city"  
   1 "Small city"  
   2 "Town"  
   3 "Countryside"  
 /HV027  
   0 "Not selected"  
   1 "Men's survey"  
   2 "Husband's survey"  
 /HV201  
   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"  
 /HV205  
   10 "FLUSH TOILET"  
   11 "Flush toilet"  
   20 "PIT TOILET LATRINE"  
   21 "Ventilated improved pit"  
   22 "Traditional pit"  
   30 "NO FACILITY"  
   31 "No facility"  
   96 "OTHER"  
 /HV206  
   0 "No"  
   1 "Yes"  
 /HV207  
   0 "No"  
   1 "Yes"  
 /HV208  
   0 "No"  
   1 "Yes"  
 /HV209  
   0 "No"  
   1 "Yes"

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/HV210
  0 "No"
  1 "Yes"
/HV211
  0 "No"
  1 "Yes"
/HV212
  0 "No"
  1 "Yes"
/HV213
  10 "NATURAL"
  11 "Earth/sand"
  12 "Dung"
  20 "RUDIMENTARY"
  21 "Wood planks"
  22 "Palm/ bamboo"
  30 "FINISHED"
  31 "Parquet/polished wood"
  32 "Vinyl/asphalt strips"
  33 "Ceramic tiles"
  34 "Cement"
  96 "OTHER"
/HV214
  10 "NATURAL"
  11 "No walls"
  12 "Cane/palm/trunks"
  20 "RUDIMENTARY"
  21 "Bamboo with mud"
  22 "Stone with mud"
  23 "Uncovered adobe"
  24 "Plywood"
  25 "Carton"
  30 "FINISHED"
  31 "Cement"
  32 "Stone with lime/cement"
  33 "Bricks"
  34 "Cement block"
  35 "Covered adobe"
  36 "Wood planks/shingles"
  96 "OTHER"
/HV215
  10 "NATURAL"
  11 "Grass/thatch"
  12 "Sticks/mud"
  20 "RUDIMENTARY"
  21 "Plastic sheeting"
  22 "Reed/bamboo"
  23 "Wood planks"
  30 "FINISHED"
  31 "Corrigated iron"
  32 "Wood"
  33 "Calamine/ cement fiber"

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34 "Cement/concrete"  
 35 "Shingles"  
 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"  
 /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"  
 /HV243A  
   0 "No"  
   1 "Yes"  
 /HV243B  
   0 "No"  
   1 "Yes"  
 /HV243C  
   0 "No"  
   1 "Yes"  
 /HV270  
   1 "Poorest "



```

    2 "Poorer"
    3 "Middle"
    4 "Richer"
    5 "Richest"
/HML1
  98 "Don't know"
/SHMALARIA_ZONE
  1 "Highland EPI prone"
  2 "Lake/endemic"
  3 "Moderate risk"
  4 "Seasonal risk"
  5 "Low risk"
/SH103H
  0 "No"
  1 "Yes"
/SH103I
  0 "No"
  1 "Yes"
/SH103J
  0 "No"
  1 "Yes"
/SH103K
  0 "No"
  1 "Yes"
/SH103L
  0 "No"
  1 "Yes"
/SH103M
  0 "No"
  1 "Yes"
/SH103N
  0 "No"
  1 "Yes"
/SH103O
  0 "No"
  1 "Yes"
/SH103P
  0 "No"
  1 "Yes"
/SH109E
  0 "No"
  1 "Yes"
/SH110
  0 "No"
  1 "Yes"
  8 "DK"
/SH127
  10 "Green"
  20 "Blue"
  30 "Red"
  40 "White"
  50 "Black"

```

```

    96 "Other"
/SH128
    10 "Conical"
    20 "Rectangular"
    96 "Other"
/SH129
    1 "Extremely confident"
    2 "Very confident"
    3 "A little confident"
    4 "Not at all confident"
    98 "?"
/SH130
    1 "Extremely confident"
    2 "Very confident"
    3 "A little confident"
    4 "Not at all confident"
    98 "?"
/SH131
    1 "All the time"
    2 "Sometimes"
    3 "Rarely"
    4 "Never"
    98 "Don't know"
/SH132
    1 "Strongly agree"
    2 "Somewhat agree"
    3 "Somewhat disagree"
    4 "Strongly disagree"
    98 "Don't know"
/SH133
    1 "Strongly agree"
    2 "Somewhat agree"
    3 "Somewhat disagree"
    4 "Strongly disagree"
    98 "Don't know"
/SH134
    1 "Strongly agree"
    2 "Somewhat agree"
    3 "Somewhat disagree"
    4 "Strongly disagree"
    98 "Don't know"
/SH135
    1 "Strongly agree"
    2 "Somewhat agree"
    3 "Somewhat disagree"
    4 "Strongly disagree"
    98 "Don't know"

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EXECUTE.

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*{Construct Variables}.

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*{Members per sleeping room}.

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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 h2opdwel=0.
if (hv201=31) h2opdwel=1.
var labels h2opdwel "Protected dug well".
compute h2oudwel=0.
if (hv201=32) h2oudwel=1.
var labels h2oudwel "Unprotected dug well".
compute h2otwel=0.
if (hv201=21) h2otwel=1.
var labels h2otwel "Tube well".
compute h2opspg=0.
if (hv201=41) h2opspg=1.
var labels h2opspg "Protected Spring".
compute h2ouspg=0.
if (hv201=42) h2ouspg=1.
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 vendor with cart/small truck".
compute h2obot=0.
if (hv201=71) h2obot=1.
var labels h2obot "Water from bottle".
compute h2ooth=0.
if (hv201=96) h2ooth=1.
var labels h2ooth "Other water source".

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*{Toilet facility}.
compute flush=0.
if (hv205=11) flush=1.
var labels flush "Flush toilet".
compute latpit=0.
if (hv205=22) latpit=1.
var labels latpit "Traditional pit latrine".
compute latvip=0.
if (hv205=21) latvip=1.
var labels latvip "VIP latrine".
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'.

*{Flooring}.
compute dirtfloo=0.
if (hv213=11 or hv213=12) dirtfloo=1.
var labels dirtfloo "Earth, sand, dung floor".
compute woodfloo=0.
if (hv213=21 or hv213=22) woodfloo=1.
var labels woodfloo "Rudimentary wood plank, bamboo floor".
compute centfloo=0.
if (hv213=34) centfloo=1.
var labels centfloo "Cement floor".
compute vinlfloo=0.
if (hv213=32) vinlfloo=1.
var labels vinlfloo "Vinyl, asphalt strip floor".
compute tilefloo=0.
if (hv213=33) tilefloo=1.
var labels tilefloo "Ceramic tile floor".
compute prqfloo=0.
if (hv213=31) prqfloo=1.
var labels prqfloo "Polished wood 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 "Cane/palm/trunks walls".
compute mudwall=0.
if (hv214=21) mudwall=1.
var labels mudwall "Bamboo and mud walls".
compute smudwall=0.

```

```

if (hv214=22) smudwall=1.
var labels smudwall "Stone and mud walls".
compute adobwall=0.
if (hv214=23) adobwall=1.
var labels adobwall "Uncovered adobe walls".
compute plywdwall=0.
if (hv214=24) plywdwall=1.
var labels plywdwall "Plywood walls".
compute cartwall=0.
if (hv214=25) cartwall=1.
var labels cartwall "Carton walls".
compute cmtwall=0.
if (hv214=31) cmtwall=1.
var labels cmtwall "Cement walls".
compute brkwall=0.
if (hv214=33) brkwall=1.
var labels brkwall "Brick walls".
compute woodwall=0.
if (hv214=36) woodwall=1.
var labels woodwall "Wood planks, shingles walls".
compute cmtbwall=0.
if (hv214=34) cmtbwall=1.
var labels cmtbwall "Cement block walls".
compute stonwall=0.
if (hv214=32) stonwall=1.
var labels stonwall "Stone walls with lime".
compute cadobwal=0.
if (hv214=35) cadobwal=1.
var labels cadobwal "Covered adobe walls".
compute othwall=0.
if (hv214=96) othwall=1.
var labels othwall "Other type of walls".

*{Roofing}.
compute natroof=0.
if (hv215=11 or hv215=12) natroof=1.
var labels natroof "Grass/thatch/mud roof".
compute psroof=0.
if (hv215=21) psroof=1.
var labels psroof "Plastic sheeting for roof".
compute wproof=0.
if (hv215=23) wproof=1.
var labels wproof "Wood planks for roof".
compute rbroof=0.
if (hv215=22) rbroof=1.
var labels rbroof "Reed/bamboo 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 fibre roof".

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```

compute shngroof=0.
if (hv215=35) shngroof=1.
var labels shngroof "Shingles roof".
compute woodroof=0.
if (hv215=32) woodroof=1.
var labels woodroof "Wood roof".
compute cmtroof=0.
if (hv215=34) cmtroof=1.
var labels cmtroof "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 cooklpg=0.
if (hv226=2) cooklpg=1.
var labels cooklpg "LPG 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 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 "Agricultural crop 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.

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```

var labels cookoth "Other fuel for cooking".

*{Reset missing values to "does not have", change 2 code to 0}.
if (sh103h<>1) sh103h=0.
if (sh103i<>1) sh103i=0.
if (sh103j<>1) sh103j=0.
if (sh103k<>1) sh103k=0.
if (sh103l<>1) sh103l=0.
if (sh103m<>1) sh103m=0.
if (sh103n<>1) sh103n=0.
if (sh103o<>1) sh103o=0.
if (sh103p<>1) sh103p=0.
if (sh109e<>1) sh109e=0.

execute.

FREQUENCIES VARIABLES=HV201 HV205 HV206 HV207 HV208 HV209 HV210
HV211 HV212 HV213 HV214 HV215 HV216
HV221 HV226 HV243A HV243B HV243C SH103H SH103I SH103J SH103K
SH103L SH103M SH103N SH103O SH103P
SH109E
/ORDER=ANALYSIS.
FREQUENCIES VARIABLES=memsleep h2oires h2oyrd h2opub h2opdwel
h2oudwel h2otwel h2opspg
h2ouspg h2osurf h2orain h2otruck h2ovend h2obot h2ooth flush
latpit latvip latbush latoth
dirtfloo woodfloo cemtfloo vinlfloo tilefloo prqfloo othfloo
nowall natwall mudwall
smudwall adobwall plywdwall cartwall cmtwall brkwall woodwall
cmtbwall stonwall cadobwal othwall
natroof psroof wproof rbroof metroof calroof shngroof
woodroof cmtroof othroof cookelec cooklpg
cookgas cookbio cookkero cookcoal cookchar cookwood cookstraw
cookcrop cookdung cooknone cookoth
/ORDER=ANALYSIS.

save outfile="c:\macro stuff\kenya mis wealth index
\kmis2010widx.sav".

```

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*****.
FACTOR
/VARIABLES HV206 HV207 HV208 HV209 HV210 HV211 HV212 HV221
HV243A HV243B HV243C SH103H SH103I
SH103J SH103K SH103L SH103M SH103N SH103O SH103P SH109E
memsleep h2oires h2oyrd h2opub h2opdwel
h2oudwel h2otwel h2osurf h2orain h2obot h2ooth flush latpit
latvip
latbush latoth dirtfloo woodfloo cemtfloo vinlfloo tilefloo
othfloo nowall natwall mudwall
smudwall adobwall plywdwall cartwall cmtwall brkwall woodwall

```

```

cmtbwall stonwall cadobwal othwall
  natroof psroof wproof rbroof metroof calroof shngroof
woodroof cmtroof othroof cookelec cooklpg
  cookbio cookkero cookcoal cookchar cookstraw cookdung
cooknone cookoth
  /MISSING MEANSUB
  /ANALYSIS HV206 HV207 HV208 HV209 HV210 HV211 HV212 HV221
HV243A HV243B HV243C SH103H SH103I
  SH103J SH103K SH103L SH103M SH103N SH103O SH103P SH109E
memsleep h2oires h2oyrd h2opub h2opdwel
  h2oudwel h2otwel h2osurf h2orain h2obot h2ooth flush latpit
latvip
  latbush latoth dirtfloo woodfloo cemtfloo vinlfloo tilefloo
othfloo nowall natwall mudwall
  smudwall adobwall plywdwall cartwall cmtwall brkwall woodwall
cmtbwall stonwall cadobwal othwall
  natroof psroof wproof rbroof metroof calroof shngroof
woodroof cmtroof othroof cookelec cooklpg
  cookbio cookkero cookcoal cookchar cookstraw cookdung
cooknone cookoth
  /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
  /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
HV243B HV243C SH103H SH103I
  SH103J SH103K SH103L SH103M SH103N SH103O SH103P SH109E

```



```

memsleep h2oires h2oyrd h2opub h2opdwel
  h2oudwel h2otwel h2osurf h2orain h2obot h2ooth flush latpit
latvip
  latbush latoth dirtfloo woodfloo cemtfluo vinlfloo tilefloo
othfloo nowall natwall mudwall
  smudwall adobwall plywdwall cartwall cmtwall brkwall woodwall
cmtbwall stonwall cadobwal othwall
  natroof psroof wproof rbroof metroof calroof shngroof
woodroof cmtroof othroof cookelec cooklpg
  cookbio cookkero cookcoal cookchar cookstraw cookdung
cooknone cookoth BY nfac1_1
  /CELLS MEAN COUNT STDDEV .

```

```
*compute hv271=fac1_1*100000.
```

```
*compute hv270=nfac1_1.
```

```
WEIGHT
```

```
  OFF.
```

```
save outfile="c:\macro stuff\kenya mis wealth index
\kmis2010widx.sav".
```

```
** 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 SH103H SH103I

```

```
  SH103J SH103K SH103L SH103M SH103N SH103O SH109E memsleep
h2oires h2oyrd h2opub h2opdwel

```

```
  h2oudwel h2otwel h2osurf h2orain h2obot h2ooth flush latpit
latvip

```

```
  latbush latoth dirtfloo woodfloo cemtfluo vinlfloo tilefloo
othfloo natwall mudwall

```

```
  smudwall adobwall plywdwall cartwall cmtwall brkwall woodwall
cmtbwall stonwall cadobwal othwall

```

```
  natroof psroof wproof metroof calroof shngroof woodroof
cmtroof othroof cookelec cooklpg

```

```
  cookbio cookkero cookchar cookstraw cooknone cookoth

```

```
  /MISSING MEANSUB

```

```
  /ANALYSIS HV206 HV207 HV208 HV209 HV210 HV211 HV212 HV221
HV243A HV243B HV243C SH103H SH103I

```

```
  SH103J SH103K SH103L SH103M SH103N SH103O SH109E memsleep

```

```

h2oires h2oyrd h2opub h2opdwel
  h2oudwel h2otwel h2osurf h2orain h2obot h2ooth flush latpit
latvip
  latbush latoth dirtfloo woodfloo cemtfloo vinlfloo tilefloo
othfloo natwall mudwall
  smudwall adobwall plywdwall cartwall cmtwall brkwall woodwall
cmtbwall stonwall cadobwal othwall
  natroof psroof wproof metroof calroof shngroof woodroof
cmtroof othroof cookelec cooklpg
  cookbio cookkero cookchar cookstraw 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 SH103H SH103I
  SH103J SH103K SH103L SH103M SH103N SH103O SH103P SH109E
memsleep h2oires h2oyrd h2opub h2opdwel
  h2oudwel h2otwel h2osurf h2orain h2ooth flush latpit latvip
  latbush latoth dirtfloo woodfloo cemtfloo vinlfloo tilefloo
othfloo nowall natwall mudwall
  smudwall adobwall plywdwall cartwall cmtwall brkwall woodwall
cmtbwall stonwall cadobwal othwall
  natroof psroof wproof rbroof metroof calroof shngroof
woodroof cmtroof othroof cookelec cooklpg
  cookbio cookkero cookcoal cookchar cookstraw cookdung
cooknone cookoth
  /MISSING MEANSUB
  /ANALYSIS HV206 HV207 HV208 HV209 HV210 HV211 HV212 HV221
HV243A HV243B HV243C SH103H SH103I
  SH103J SH103K SH103L SH103M SH103N SH103O SH103P SH109E
memsleep h2oires h2oyrd h2opub h2opdwel
  h2oudwel h2otwel h2osurf h2orain h2ooth flush latpit latvip
  latbush latoth dirtfloo woodfloo cemtfloo vinlfloo tilefloo
othfloo nowall natwall mudwall
  smudwall adobwall plywdwall cartwall cmtwall brkwall woodwall
cmtbwall stonwall cadobwal othwall

```

```

    natroof psroof wproof rbroof metroof calroof shngroof
woodroof cmtroof othroof cookelec cooklpg
    cookbio cookkero cookcoal cookchar cookstraw 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 FAC1\_1

/METHOD=ENTER URB1 .

\* Rural areas.

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 .

REGRESSION

/MISSING LISTWISE

/STATISTICS COEFF OUTS R ANOVA

/CRITERIA=PIN(.05) POUT(.10)

/NOORIGIN

/DEPENDENT FAC1\_1

/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=1.181+1.208* URB1.
** Rural.
if (hv025 eq 2) comb scor=(-0.262)+0.716* RUR1.
execute.

```

```

*Tabulation for histograms
weight by hhwt.
filter off.
use all.
FREQUENCIES
  VARIABLES=combscor  /FORMAT=NOTABLE
  /NTILES= 5
  /STATISTICS=STDDEV MEAN
  /HISTOGRAM NORMAL
  /ORDER= ANALYSIS
.

```

```

* Calculate histogram intervals.

```

```

compute histnac=trunc(facl_1/((2.5-(-2.0))/50)).
if (facl_1 ge 0 ) histnac=histnac+1.
freq var=histnac.

```

```

*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.

```

```

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 SH103H SH103I
  SH103J SH103K SH103L SH103M SH103N SH103O SH103P SH109E
memsleep h2oires h2oyrd h2opub h2opdwel
  h2oudwel h2otwel h2osurf h2orain h2obot h2ooth flush latpit
latvip
  latbush latoth dirtfloo woodfloo cemtfloo vinlfloo tilefloo
othfloo nowall natwall mudwall
  smudwall adobwall plywdwall cartwall cmtwall brkwall woodwall
cmtbwall stonwall cadobwal othwall
  natroof psroof wproof rbroof metroof calroof shngroof
woodroof cmtroof othroof cookelec cooklpg
  cookbio cookkero cookcoal cookchar cookstraw cookdung
cooknone cookoth
BY ncombsco
  /CELLS MEAN COUNT STDDEV .

compute hv271=combscor.
compute hv270=ncombsco.

save outfile="c:\macro stuff\kenya mis wealth index
\kmis2010widx.sav".

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

compute hhwt=hv005/1000000.
weight by hhwt.

GRAPH
  /HISTOGRAM(NORMAL)=combscor
  /TITLE= 'Distribution of Households by Wealth Scores Kenya MIS
2010'.
FREQUENCIES
  VARIABLES=combscor /FORMAT=NOTABLE
  /NTILES= 5
  /STATISTICS=STDDEV MINIMUM MAXIMUM SEMEAN MEAN MEDIAN MODE
SKEWNESS SESKEW
  KURTOSIS SEKURT
  /ORDER= ANALYSIS .

WRITE OUTFILE='c:\macro stuff\kenya mis wealth index
\kemisl0scores.dat'
  TABLE
  /hhid combscor ncombsco.
EXECUTE.

```

