```
* Kenay 2008 wealth index - Kiersten.

FREQ hv015.
SELECT IF (hv105 = 1).
EXECUTE.
FREQ hv015.

FREQ HV201 HV205 HV206 HV207 HV208 HV209 HV212 HV213
HV214 HV216 HV221 HV225 HV226 HV242 HV243A SH110B SH111C
SH111F SH111G SH111H SH111I SH111J SH111K SH111L SH111AA
SH111BA SH111DA SH116A SH119A SH120A SH126A.


*begin recoding into dichotomized variables.

*WATER SOURCE.

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 tubewell or
borehole".
VALUE LABELS h2otube 0 "does not get water from tubewell or
borehole"
                  1 "gets water from tubewell or borehole".

COMPUTE h2opwell = 0.
IF (hv201 = 31) h2opwell = 1.
VARIABLE LABELS h2opwell "if gets water from a protected well".
VALUE LABELS h2opwell 0 "does not get water from a protected
well"
                  1 "gets water from a protected well".

COMPUTE h2upwell = 0.
IF (hv201 = 32) h2upwell = 1.
```

```
VARIABLE LABELS h2upwell "if gets water from an unprotected
well".
VALUE LABELS h2upwell 0 "does not get water from an unprotected
well"
                    1 "gets water from an unprotected well".

COMPUTE h2spring = 0.
IF (hv201 = 41) h2spring = 1.
VARIABLE LABELS h2spring "if gets water from a protected spring".
VALUE LABELS h2spring 0 "does not get water from a protected
spring"
                   1 "gets water from a protected spring".

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

COMPUTE h2orain = 0.
IF (hv201 = 51) h2orain = 1.
VARIABLE LABELS h2orain "if collects rainwater for drinking".
VALUE LABELS h2orain 0 "does not collect rainwater for drinking"
                1 "collects rainwater for drinking".

COMPUTE h2otk = 0.
IF (hv201 = 61 | hv201 = 62) h2otk = 1.
VARIABLE LABELS h2otk "if gets water from tanker truck or cart
with sm tank".
VALUE LABELS h2otk 0 "does not get water from truck/tank"
                1 "gets water from truck/tank".

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

COMPUTE h2oother = 0.
IF (hv201 = 96) h2oother = 1.
VARIABLE LABELS h2oother "if gets water from other source".
VALUE LABELS h2oother 0 "does not get water from other source"
                   1 "gets water from other source".


*TOILET TYPES.

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

```
                    1 "has own flush toilet to sewer".

COMPUTE shflushs = 0.
IF (hv205 = 11 & hv225 = 1) shflushs = 1.
VARIABLE LABELS shflushs "if uses shared flush toilet to sewer".
VALUE LABELS shflushs 0 "does not use shared flush toilet to
sewer"
                1 "uses shared flush toilet to sewer".

COMPUTE flusho = 0.
IF ((hv205 > 11 & hv205 < 16) & hv225 = 0) flusho = 1.
VARIABLE LABELS flusho "if has own flush toilet to non-sewer".
VALUE LABELS flusho 0 "does not have own flush toilet to non-
sewer"
                    1 "has own flush toilet to non-sewer".

COMPUTE shflusho = 0.
IF ((hv205 > 11 & hv205 < 16) & hv225 = 1) shflusho = 1.
VARIABLE LABELS shflusho "if uses shared flush toilet to non-
sewer".
VALUE LABELS shflusho 0 "does not use shared flush toilet to non-
sewer"
                1 "uses shared flush toilet to non-sewer".

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

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

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 w slab".
VALUE LABELS slatpits 0 "does not use a shared pit latrine w
slab"
                  1 "uses a shared pit latrine w slab".

COMPUTE latpito = 0.
IF (hv205 = 23 & hv225 = 0) latpito = 1.
VARIABLE LABELS latpito "if uses own pit latrine without slab".
```

```
VALUE LABELS latpito 0 "does not use own pit latrine without
slab"
                    1 "uses own pit latrine without slab".

COMPUTE slatpito = 0.
IF (hv205 = 23 & hv225 = 1) slatpito = 1.
VARIABLE LABELS slatpito "if uses a shared pit latrine w/o slab".
VALUE LABELS slatpito 0 "does not use a shared pit latrine w/o
slab"
                  1 "uses a shared pit latrine w/o slab".

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

COMPUTE latother = 0.
IF (hv205 > 31) latother = 1.
VARIABLE LABELS latother "if uses some other type of facility".
VALUE LABELS latother 0 "does not use some other type of
facility"
                 1 "uses some other type of facility".


*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 & hv243a ne 1) phone = 1.
VARIABLE LABELS phone "if household has phone".
VALUE LABELS phone 0 "no phone"
                     1 "has phone".

COMPUTE sepkitch = 0.
IF (hv241 = 2 | hv242 = 1) sepkitch = 1.
VARIABLE LABELS sepkitch "if cooking is done in a separate bldg
or room".
VAL LABELS sepkitch   0 "no"
                1 "yes".

COMPUTE mphone = 0.
IF (hv243a = 1) mphone = 1.
VARIABLE LABELS mphone "if household has mobile phone".
VALUE LABELS mphone 0 "no mobile phone"
                    1 "house has mobile phone".

COMPUTE watch = 0.
IF (hv243b = 1) watch = 1.
VARIABLE LABELS watch "if household has watch".
VALUE LABELS watch 0 "no watch"
                    1 "has watch".

COMPUTE cart = 0.
IF (hv243c = 1) cart = 1.
VARIABLE LABELS cart "if household has a cart".
VALUE LABELS cart 0 "no cart"
                    1 "cart".

COMPUTE boat = 0.
IF (hv243d = 1) boat = 1.
VARIABLE LABELS boat "if household has boat w motor".
VALUE LABELS boat 0 "no boat"
```

```
                    1 "has boat".

COMPUTE solar = 0.
IF (sh111h = 1) solar = 1.
VARIABLE LABELS solar "if household uses solar power".
VALUE LABELS solar 0 "no solar power"
                    1 "house gets solar power".

COMPUTE hectares = 0.
IF (sh123 > 0) hectares = sh123.
FREQ hectares.


IF (MISSING(hv216)) hv216 = hv012.
EXECUTE.

COMPUTE memsleep = (hv012/hv216).
VARIABLE LABELS memsleep "number of members per sleeping room".


*HOUSEHOLD, LAND OWNERSHIP.

COMPUTE hhown = 0.
IF (sh121a = 1) hhown = 1.
VARIABLE LABELS hhown "if family owns household structure".
VALUE LABELS hhown 0 "family does not own household structure"
                 1 "family owns household structure".

COMPUTE hhrent = 0.
IF (sh121a = 2) hhrent = 1.
VARIABLE LABELS hhrent "if family rents home formally".
VALUE LABELS hhrent 0 "family does not formally rent home"
                 1 "family formally rents home".

COMPUTE hhconsnt = 0.
IF (sh121a = 3) hhconsnt = 1.
VARIABLE LABELS hhconsnt "if home is rent-free, with owners
consent".
VALUE LABELS hhconsnt 0 "home is not rent-free with owners
consent"
                    1 "home is rent-free with owners consent".

COMPUTE hhsquat = 0.
IF (sh121a = 4) hhsquat = 1.
VARIABLE LABELS hhsquat "if squatting in home".
VALUE LABELS hhsquat 0 "not squatting in home"
                   1 "squatting in home".

COMPUTE lown = 0.
IF (sh121b = 1) lown = 1.
VARIABLE LABELS lown "if family owns household land".
VALUE LABELS lown 0 "family does not own household land"
```

```
                1 "family owns household land".

COMPUTE lrent = 0.
IF (sh121b = 2) lrent = 1.
VARIABLE LABELS lrent "if family rents land formally".
VALUE LABELS lrent 0 "family does not formally rent land"
                1 "family formally rents land".

COMPUTE lconsnt = 0.
IF (sh121b = 3) lconsnt = 1.
VARIABLE LABELS lconsnt "if land is rent-free, with owners
consent".
VALUE LABELS lconsnt 0 "land is not rent-free with owners
consent"
                   1 "land is rent-free with owners consent".

COMPUTE lsquat = 0.
IF (sh121b = 4) lsquat = 1.
VARIABLE LABELS lsquat "if squatting on land".
VALUE LABELS lsquat 0 "not squatting on land"
                  1 "squatting on land".


*FLOOR TYPE.

COMPUTE dirtfloo = 0.
IF (hv213 = 11) dirtfloo = 1.
VARIABLE LABELS dirtfloo "if floor is earth/sand".
VALUE LABELS dirtfloo 0 "floor is not earthen"
                1 "floor is earthen".

COMPUTE dungfloo = 0.
IF (hv213 = 12) dungfloo = 1.
VARIABLE LABELS dungfloo "if floor is dung".
VALUE LABELS dungfloo 0 "floor is not dung"
                1 "floor is dung".

COMPUTE woodfloo = 0.
IF (hv213 = 21 | hv213 = 22 | hv213 = 96) woodfloo = 1.
VARIABLE LABELS woodfloo "if floor is of wood planks".
VALUE LABELS woodfloo 0 "floor is not of wood planks"
                   1 "floor is of wood planks (+4 palm/bamboo +5
other)".

COMPUTE parqfloo = 0.
IF (hv213 = 31) parqfloo = 1.
VARIABLE LABELS parqfloo "if has parquet/polished wood flooring".
VALUE LABELS parqfloo 0 "does not have parquet/polished wood
flooring"
                1 "has parquet/polished wood flooring".

COMPUTE vinfloo = 0.
```

```
IF (hv213 = 32) vinfloo = 1.
VARIABLE LABELS vinfloo "if has linoleum flooring".
VALUE LABELS vinfloo 0 "does not have vinyl/asphalt strip
flooring"
                1 "has vinyl/asphalt strip flooring".

COMPUTE cerafloo = 0.
IF (hv213 = 33) cerafloo = 1.
VARIABLE LABELS cerafloo "if flooring is of ceramic tiles".
VALUE LABELS cerafloo 0 "floor is not of ceramic tiles"
                  1 "floor is of ceramic tiles".

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

COMPUTE carpfloo = 0.
IF ( hv213 = 35) carpfloo = 1.
VARIABLE LABELS carpfloo "if has carpeted flooring".
VALUE LABELS carpfloo 0 "does not have carpeted flooring"
                  1 "has carpeted flooring".

COMPUTE othfloo = 0.
IF (hv213 = 96) othfloo = 1.
VARIABLE LABELS othfloo "if floor is of other materials".
VALUE LABELS othfloo 0 "floor is not of other materials"
                  1 "floor is of other materials".


* TYPE OF WALL MATERIALS.

COMPUTE grnwall = 0.
IF (hv214 = 11 | hv214 = 12) grnwall = 1.
VARIABLE LABELS grnwall "if wall made of cane/palm/trunks/grass
materials (+35 no walls)".
VALUE LABELS grnwall  0 "wall is not made of green materials"
                1 "wall is made of green materials".

COMPUTE dirtwall = 0.
IF (hv214 = 13 | hv214 = 23) dirtwall = 1.
VARIABLE LABELS dirtwall "if wall made of dirt/mud/dung (+35
uncovered adobe)".
VALUE LABELS dirtwall 0 "wall is not made of dirt/mud/dung"
                1 "wall is made of dirt/mud/dung".

COMPUTE bamwall = 0.
IF (hv214 = 21) bamwall = 1.
VARIABLE LABELS bamwall "if wall made of bamboo/mud".
VALUE LABELS bamwall  0 "wall is not made of bamboo/mud"
                      1 "wall is made of bamboo/mud".
```

```
COMPUTE stnwall = 0.
IF (hv214 = 22) stnwall = 1.
VARIABLE LABELS stnwall "if wall made of stone/mud".
VALUE LABELS stnwall       0 "wall is not made of stone/mud"
                     1 "wall is made of stone/mud".

COMPUTE rwdwall = 0.
IF (hv214 = 24 | hv214 = 25 | hv214 = 26) rwdwall = 1.
VARIABLE LABELS rwdwall "if wall made ply/reused wood (+10
cardboard)".
VALUE LABELS rwdwall       0 "wall is not made of ply/reused
wood"
                     1 "wall is made of ply/reused wood".

COMPUTE crrmwall = 0.
IF (hv214 = 27) crrmwall = 1.
VARIABLE LABELS crrmwall "if wall made of corrugated metal".
VALUE LABELS crrmwall 0 "wall is not made of corrugated metal"
                     1 "wall is made of corrugated metal".

COMPUTE cmtwall = 0.
IF (hv214 = 31) cmtwall = 1.
VARIABLE LABELS cmtwall "if wall made of cement".
VALUE LABELS cmtwall  0 "wall is not made of cement"
                     1 "wall is made of cement".

COMPUTE stncwall = 0.
IF (hv214 = 32) stncwall = 1.
VARIABLE LABELS stncwall "if wall made of stone with cement".
VALUE LABELS stncwall 0 "wall is not made of stone with cement"
                     1 "wall is made of stone with cement".

COMPUTE brckwall = 0.
IF (hv214 = 33) brckwall = 1.
VARIABLE LABELS brckwall "if wall made of brick".
VALUE LABELS brckwall 0 "wall is not made of brick"
                     1 "wall is made of brick".

COMPUTE blckwall = 0.
IF (hv214 = 34) blckwall = 1.
VARIABLE LABELS blckwall "if wall made of cemt block".
VALUE LABELS blckwall 0 "wall is not made of cemt block"
                     1 "wall is made of cemt block".

COMPUTE adbwall = 0.
IF (hv214 = 35) adbwall = 1.
VARIABLE LABELS adbwall "if wall made of covered adobe".
VALUE LABELS adbwall  0 "wall is not made of covered adobe"
                     1 "wall is made of covered adobe".

COMPUTE woodwall = 0.
```

```
IF (hv214 = 36) woodwall = 1.
VARIABLE LABELS woodwall "if wall made of wood planks/shingles".
VALUE LABELS woodwall 0 "wall is not made of wood
planks/shingles"
                      1 "wall is made of wood planks/shingles".

COMPUTE othwall = 0.
IF (hv214 = 96) othwall = 1.
VARIABLE LABELS othwall "if wall made of other materials".
VALUE LABELS othwall       0 "wall is not made of other
materials"
                      1 "wall is made of other materials".



*TYPE OF ROOFING MATERIALS.

COMPUTE natroof = 0.
IF (hv215 = 11) natroof = 1.
VARIABLE LABELS natroof "if has grass/thatch/makuti roofing".
VALUE LABELS natroof 0 "no grass/thatch/makuti roofing"
                1 "has grass/thatch/makuti roofing".

COMPUTE mudroof = 0.
IF (hv215 = 12) mudroof = 1.
VARIABLE LABELS mudroof "if has roof made of mud, dung".
VALUE LABELS mudroof 0 "does not have roof made of mud, dung"
                1 "has roof made of mud, dung".

COMPUTE ironroof = 0.
IF (hv215 = 21) ironroof = 1.
VARIABLE LABELS ironroof "if roof made of corrugated iron".
VALUE LABELS ironroof 0 "roof not made of corrugated iron"
                 1 "roof made of corrugated iron".

COMPUTE tinroof = 0.
IF (hv215 = 22 | hv215 = 96) tinroof = 1.
VARIABLE LABELS tinroof "if has roof made of tin cans or other (+
17)".
VALUE LABELS tinroof 0 "does not have roof made of tin cans"
                1 "has roof made of tin cans".

COMPUTE asbsroof = 0.
IF (hv215 = 31) asbsroof = 1.
VARIABLE LABELS asbsroof "if roof made of asbestos sheets".
VALUE LABELS asbsroof 0 "roof not made of asbestos sheets"
                   1 "roof made of asbestos sheets".

COMPUTE concroof = 0.
IF (hv215 = 32) concroof = 1.
VARIABLE LABELS concroof "if roof is made of concrete".
VALUE LABELS concroof 0 "roof is not made of concrete"
```

```
                    1 "roof is made of concrete".

COMPUTE tileroof = 0.
IF (hv215 = 33) tileroof = 1.
VARIABLE LABELS tileroof "if roof is made of tile".
VALUE LABELS tileroof 0 "roof is not made of tile"
                  1 "roof is made of tile".



*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 | hv226 = 4) cookgas = 1.
VARIABLE LABELS cookgas "if uses LPG, natural gas or biogas for
cooking".
VALUE LABELS cookgas 0 "does not use gas for cooking"
                    1 "uses gas for cooking".

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

COMPUTE cookcoal = 0.
IF (hv226 = 6 | hv226 = 7) cookcoal = 1.
VARIABLE LABELS cookcoal "if uses charcoal or lignite/coal for
cooking".
VALUE LABELS cookcoal 0 "does not use charcoal or coal for
cooking"
                    1 "uses charcoal or lignite/coal (+77) for
cooking".

COMPUTE cookwood = 0.
IF (hv226 > 7 & hv226 < 12) cookwood = 1.
VARIABLE LABELS cookwood "if uses wood, straw (+83) or crop/dung
(+5) for cooking fuel".
VALUE LABELS cookwood 0 "does not use firewood for cooking"
                      1 "uses firewood for cooking".

COMPUTE cookoth = 0.
IF (hv226 = 95 | hv226 = 96) cookoth = 1.
VARIABLE LABELS cookoth "no food cooked in HH, or some other fuel
for cooking (+6)".
VALUE LABELS cookoth 0 "food is cooked in HH/ no other fuel for
```

```
cooking"
                  1 "no food cooked in hh (other fuel +6)".


EXECUTE.


IF (MISSING(hv246a)) hv246a = 0.
IF (MISSING(hv246b)) hv246b = 0.
IF (MISSING(hv246c)) hv246c = 0.
IF (MISSING(hv246d)) hv246d = 0.
IF (MISSING(hv246e)) hv246e = 0.
IF (MISSING(hv246f)) hv246f = 0.

EXECUTE.

FREQ hectares h2oires h2oyard h2opub h2otube h2opwell h2upwell
h2spring h2osurf h2orain
h2otk h2obottl h2oother flushs shflushs flusho shflusho latvip
shlatvip latpits slatpits
latpito slatpito latbush latother electric radio tv fridge
bicycle motobk car phone sepkitch
mphone watch cart boat solar memsleep hhown hhrent hhconsnt
hhsquat lown
lrent lconsnt lsquat dirtfloo dungfloo woodfloo parqfloo vinfloo
cerafloo cemtfloo carpfloo
othfloo grnwall dirtwall bamwall stnwall rwdwall crrmwall cmtwall
stncwall brckwall
blckwall adbwall woodwall othwall natroof mudroof ironroof
tinroof asbsroof concroof
tileroof cookelec cookgas cookkero cookcoal cookwood cookoth
hv246a hv246b
hv246c hv246d hv246e hv246f.

FREQ memsleep.

* phone othfloo cookoth h2upwell .

FACTOR
  /VARIABLES hectares h2oires h2oyard h2opub h2otube h2osurf
h2orain
h2otk h2obottl electric radio tv fridge bicycle motobk car
mphone watch cart memsleep dirtfloo dungfloo woodfloo parqfloo
vinfloo cerafloo cemtfloo carpfloo
cookelec cookgas cookkero cookcoal cookwood flushs shflushs
flusho shflusho latvip shlatvip latpits slatpits
latpito slatpito latbush latother h2spring boat h2oother sepkitch
solar hv246a hv246b hv246c hv246d hv246e hv246f
h2opwell grnwall dirtwall bamwall stnwall rwdwall crrmwall
cmtwall stncwall brckwall
blckwall adbwall woodwall othwall hhown hhrent hhconsnt hhsquat
lown
```

```
lrent lconsnt lsquat natroof mudroof ironroof tinroof asbsroof
concroof
tileroof
  /MISSING MEANSUB /ANALYSIS hectares h2oires h2oyard h2opub
h2otube h2osurf h2orain
h2otk h2obottl electric radio tv fridge bicycle motobk car
mphone watch cart memsleep dirtfloo dungfloo woodfloo parqfloo
vinfloo cerafloo cemtfloo carpfloo
cookelec cookgas cookkero cookcoal cookwood flushs shflushs
flusho shflusho latvip shlatvip latpits slatpits
latpito slatpito latbush latother h2spring boat h2oother sepkitch
solar hv246a hv246b hv246c hv246d hv246e hv246f
h2opwell grnwall dirtwall bamwall stnwall rwdwall crrmwall
cmtwall stncwall brckwall
blckwall adbwall woodwall othwall hhown hhrent hhconsnt hhsquat
lown
lrent lconsnt lsquat natroof mudroof ironroof tinroof asbsroof
concroof
tileroof
  /PRINT UNIVARIATE INITIAL 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 -0.8890772279648=1)  (-0.8890772279648 thru
-0.6763652660329=2)  (-0.6763652660329 thru
-0.2896173577711=3)  (-0.2896173577711 thru 0.5629462077521 =4)
(0.5629462077521 thru Highest=5)  INTO wlthind5 .
VARIABLE LABELS wlthind5 'Wealth Index Quintiles'.
EXECUTE .

write outfile='C:\Users\kiersten.b.johnson\Desktop\projects
\wealth index\kenya\scores.dat' records=1 table
/hhid fac1_1 wlthind5.
execute.


MEANS
```

```
  TABLES=hectares h2oires h2oyard h2opub h2otube h2osurf h2orain
h2otk h2obottl electric radio tv fridge bicycle motobk car
mphone watch cart memsleep dirtfloo dungfloo woodfloo parqfloo
vinfloo cerafloo cemtfloo carpfloo
cookelec cookgas cookkero cookcoal cookwood flushs shflushs
flusho shflusho latvip shlatvip latpits slatpits
latpito slatpito latbush latother h2spring boat h2oother sepkitch
solar hv246a hv246b hv246c hv246d hv246e hv246f
h2opwell grnwall dirtwall bamwall stnwall rwdwall crrmwall
cmtwall stncwall brckwall
blckwall adbwall woodwall othwall hhown hhrent hhconsnt hhsquat
lown
lrent lconsnt lsquat natroof mudroof ironroof tinroof asbsroof
concroof
tileroof  BY wlthind5
  /CELLS MEAN  .

freq wlthind5.

weight off.
freq wlthind5.

COMPUTE wt = v005/1000000.
WEIGHT by wt.
EXECUTE.
```