

* Ghana 2008 wealth index - Kiersten.

FREQ hv015.

SELECT IF hv015 = 1.

FREQ hv015.

FREQ HV201 HV205 HV206 HV207 HV208 HV209 HV210 HV211 HV212 HV213
HV214 HV215
HV216 HV221 HV225 HV226 HV241 HV242 HV243A HV243C HV243D HV244
HV245 HV246
HV246A HV246B HV246C HV246D HV246E HV246F HV246G HV246H HV246I
HV246J HV246K HV247
SH111B SH111D SH111E SH111I SH111J SH111K SH111L SH111M SH111N
SH111O SH111P SH111Q
SH111R SH111S SH111T SH113 SH113A SH121F SH123 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"

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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 | hv201 = 42) h2spring = 1.
VARIABLE LABELS h2spring "if gets water from a spring".
VALUE LABELS h2spring 0 "does not get water from a spring"
1 "gets water from a spring".

COMPUTE h2osurf = 0.
IF (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 (+16)".
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 h2osach = 0.
IF (hv201 = 72) h2osach = 1.
VARIABLE LABELS h2osach "if uses sachet water".
VALUE LABELS h2osach 0 "does not use sachet water"
1 "uses sachet water".

*TOILET TYPES.

COMPUTE flushs = 0.

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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".

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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"

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        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 (landline)".
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 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 watch = 0.

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IF (sh111b = 1) watch = 1.
VARIABLE LABELS watch "if household has wallclock".
VALUE LABELS watch 0 "no wallclock"
                  1 "has wallclock".

COMPUTE freezer = 0.
IF (sh111i = 1) freezer = 1.
VARIABLE LABELS freezer "if household has a freezer".
VALUE LABELS freezer 0 "no freezer"
                  1 "house has a freezer".

COMPUTE generate = 0.
IF (sh111j = 1) generate = 1.
VARIABLE LABELS generate "if household has an electric
generator/inverter".
VALUE LABELS generate 0 "no generator/inverter"
                  1 "house has a generator/inverter".

COMPUTE washmach = 0.
IF (sh111k = 1) washmach = 1.
VARIABLE LABELS washmach "if household has a washing machine".
VALUE LABELS washmach 0 "no washing machine"
                  1 "house has a washing machine".

COMPUTE computer = 0.
IF (sh111l = 1) computer = 1.
VARIABLE LABELS computer "if household has a computer".
VALUE LABELS computer 0 "no computer"
                  1 "house has a computer".

COMPUTE digicam = 0.
IF (sh111m = 1) digicam = 1.
VARIABLE LABELS digicam "if household has a digital camera".
VALUE LABELS digicam 0 "no digital camera"
                  1 "house has a digital camera".

COMPUTE filmcam = 0.
IF (sh111n = 1) filmcam = 1.
VARIABLE LABELS filmcam "if household has a non-digital camera".
VALUE LABELS filmcam 0 "no non-digital camera"
                  1 "house has a non-digital camera".

COMPUTE viddeck = 0.
IF (sh111o = 1) viddeck = 1.
VARIABLE LABELS viddeck "if household has a video deck".
VALUE LABELS viddeck 0 "no video deck"
                  1 "house has a video deck".

COMPUTE dvd = 0.
IF (sh111p = 1) dvd = 1.
VARIABLE LABELS dvd "if household has a dvd/vcd".
VALUE LABELS dvd 0 "no dvd/vcd"

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        1 "house has a dvd/vcd".

COMPUTE sewmach = 0.
IF (sh111q = 1) sewmach = 1.
VARIABLE LABELS sewmach "if household has a sewing machine".
VALUE LABELS sewmach 0 "no sewing machine"
                1 "house has a sewing machine".

COMPUTE bed = 0.
IF (sh111r = 1) bed = 1.
VARIABLE LABELS bed "if household has a bed".
VALUE LABELS bed 0 "no bed"
                1 "house has a bed".

COMPUTE table = 0.
IF (sh111s = 1) table = 1.
VARIABLE LABELS table "if household has a table".
VALUE LABELS table 0 "no table"
                1 "house has a table".

COMPUTE cubbard = 0.
IF (sh111t = 1) cubbard = 1.
VARIABLE LABELS cubbard "if household has a cupboard".
VALUE LABELS cubbard 0 "no cupboard"
                1 "house has a cupboard".

COMPUTE sqmeters = 0.
VAR LABELS sqmeters "area of ag land owned in square meters".
IF (sh123 > 0) sqmeters = sh123.
FREQ sqmeters.

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

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

*FLOOR TYPE.

COMPUTE dirtfloo = 0.
IF (hv213 = 11 | hv213 = 21 | hv213 = 22) dirtfloo = 1.
VARIABLE LABELS dirtfloo "if floor is earth/sand (+4 woodplank,
palm)".
VALUE LABELS dirtfloo 0 "floor is not earthen"
                1 "floor is earthen".

COMPUTE dungfloo = 0.

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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 cerafloo = 0.
IF (hv213 = 31 | hv213 = 33) cerafloo = 1.
VARIABLE LABELS cerafloo "if flooring is of ceramic tiles (+12
parquet)".
VALUE LABELS cerafloo 0 "floor is not of ceramic tiles"
                1 "floor is of ceramic tiles".

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 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 vinfloo = 0.
IF (hv213 = 36) 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".

* TYPE OF WALL MATERIALS.

COMPUTE grnwall = 0.
IF (hv214 = 11 | hv214 = 12 | hv214 = 13) grnwall = 1.
VARIABLE LABELS grnwall "if wall made of dirt or cane/palm/trunks
materials (+4 no walls)".
VALUE LABELS grnwall 0 "wall is not made of green/brown
materials"
                1 "wall is made of green/brown materials".

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".

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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 = 26) rwdwall = 1.
VARIABLE LABELS rwdwall "if wall made of ply/reused wood".
VALUE LABELS rwdwall          0 "wall is not made of ply/reused
wood"
                              1 "wall is made of ply/reused wood".

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

COMPUTE woodwall = 0.
IF (hv214 = 35 | hv214 = 36) woodwall = 1.
VARIABLE LABELS woodwall "if wall made of wood planks/shingles (+
11 covered adobe)".
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.

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COMPUTE natroof = 0.
IF (hv215 = 11 | hv215 = 12) natroof = 1.
VARIABLE LABELS natroof "if has thatch/palm leaf roofing (+6 no
roof)".
VALUE LABELS natroof 0 "no thatch/palm leaf roofing"
                1 "has thatch/palm leaf roofing".

COMPUTE rudroof = 0.
IF (hv215 > 20 & hv215 < 24) rudroof = 1.
VARIABLE LABELS rudroof "if has roof made of palm/bamboo (+46 mat
+23 woodplank)".
VALUE LABELS rudroof          0 "does not have roof made of
palm/bamboo"
                1 "has roof made of palm/bamboo".

COMPUTE ironroof = 0.
IF (hv215 = 31) ironroof = 1.
VARIABLE LABELS ironroof "if roof made of metal".
VALUE LABELS ironroof 0 "roof not made of metal"
                1 "roof made of metal".

COMPUTE centroof = 0.
IF (hv215 = 32 | hv215 = 33 | hv215 = 35) centroof = 1.
VARIABLE LABELS centroof "if roof is made of cement (+9 wood +6
centfiber)".
VALUE LABELS centroof 0 "roof is not made of cement"
                1 "roof is made of cement".

COMPUTE tileroof = 0.
IF (hv215 = 34) 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".

COMPUTE shinroof = 0.
IF (hv215 = 36) shinroof = 1.
VARIABLE LABELS shinroof "if roof is made of roofing shingles".
VALUE LABELS shinroof 0 "roof is not made of roofing shingles"
                1 "roof is made of roofing shingles".

COMPUTE asbsroof = 0.
IF (hv215 = 37) asbsroof = 1.
VARIABLE LABELS asbsroof "if roof is made of asbestos roofing
sheets".
VALUE LABELS asbsroof 0 "roof is not made of asbestos roofing
sheets"
                1 "roof is made of asbestos roofing sheets".

COMPUTE othroof = 0.
IF (hv215 = 96) othroof = 1.
VARIABLE LABELS othroof "if roof is made of other".

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VALUE LABELS othroof 0 "roof is not made of other"  
1 "roof is made of other".
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*TYPE OF COOKING FUEL.
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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".
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```
COMPUTE cookgas = 0.  
IF (hv226 = 2 | hv226 = 3) cookgas = 1.  
VARIABLE LABELS cookgas "if uses LPG or natural gas for cooking".  
VALUE LABELS cookgas 0 "does not use gas for cooking"  
1 "uses gas for cooking".
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```
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".
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```
COMPUTE cookcoal = 0.  
IF (hv226 = 7) cookcoal = 1.  
VARIABLE LABELS cookcoal "if uses charcoal for cooking".  
VALUE LABELS cookcoal 0 "does not use charcoal for cooking"  
1 "uses charcoal for cooking".
```

```
COMPUTE cookwood = 0.  
IF (hv226 = 8 | hv226 = 9) cookwood = 1.  
VARIABLE LABELS cookwood "if uses wood, straw (+31) for cooking  
fuel".  
VALUE LABELS cookwood 0 "does not use firewood for cooking"  
1 "uses firewood for cooking".
```

```
COMPUTE cookoth = 0.  
IF (hv226 = 95) cookoth = 1.  
VARIABLE LABELS cookoth "no food cooked in HH".  
VALUE LABELS cookoth 0 "food is cooked in HH"  
1 "no food cooked in hh".
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EXECUTE.
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```
IF (MISSING(hv246a)) hv246a = 0.  
IF (MISSING(hv246b)) hv246b = 0.  
IF (MISSING(hv246c)) hv246c = 0.  
IF (MISSING(hv246d)) hv246d = 0.
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```
IF (MISSING(hv246e)) hv246e = 0.  
IF (MISSING(hv246f)) hv246f = 0.  
IF (MISSING(hv246g)) hv246g = 0.  
IF (MISSING(hv246h)) hv246h = 0.  
IF (MISSING(hv246j)) hv246j = 0.
```

EXECUTE.

```
FREQ h2oires h2oyard h2opub h2otube h2opwell h2upwell h2spring  
h2osurf  
h2orain h2otk h2obottl h2osach flushs shflushs flusho shflusho  
latvip shlatvip latpits  
slatpits latpito slatpito latbush latother electric radio tv  
fridge bicycle motobk car  
phone sepkitch mphone cart boat watch freezer generate washmach  
computer digicam  
filmcam viddeck dvd sewmach bed table cubbard sqmeters memsleep  
dirtfloo dungfloo  
cerafloo cemtfloo carpfloo vinfloo grnwall bamwall stnwall  
rwdwall cmtwall stncwall brckwall  
blckwall woodwall othwall natroof rudroof ironroof cemtroof  
tileroof shinroof asbsroof  
othroof cookelec cookgas cookkero cookcoal cookwood cookoth  
hv246a hv246b  
hv246c hv246d hv246e hv246f hv246g hv246h hv246j.
```

FREQ memsleep.

* removed cookoth b/c it led to non-pos-def matrix.

FACTOR

```
/VARIABLES h2oires h2oyard h2opub h2otube h2opwell h2upwell  
h2spring h2osurf  
h2orain h2otk h2obottl h2osach electric radio tv fridge bicycle  
motobk car  
phone sepkitch mphone cart boat watch freezer generate washmach  
computer digicam  
filmcam viddeck dvd sewmach bed table cubbard sqmeters memsleep  
dirtfloo dungfloo  
cerafloo cemtfloo carpfloo vinfloo grnwall bamwall stnwall  
rwdwall cmtwall stncwall brckwall  
blckwall woodwall othwall natroof rudroof ironroof cemtroof  
tileroof shinroof asbsroof  
othroof hv246a hv246b hv246c hv246d hv246e hv246f hv246g hv246h  
hv246j flushs shflushs flusho shflusho latvip shlatvip latpits  
slatpits latpito slatpito latbush latother cookelec cookgas  
cookkero cookcoal cookwood  
/MISSING MEANSUB /ANALYSIS h2oires h2oyard h2opub h2otube  
h2opwell h2upwell h2spring h2osurf  
h2orain h2otk h2obottl h2osach electric radio tv fridge bicycle  
motobk car
```

```

phone sepkitch mphone cart boat watch freezer generate washmach
computer digicam
filmcam viddeck dvd sewmach bed table cubbard sqmeters memsleep
dirtfloo dungfloo
cerafloo cemtfloo carpfloo vinfloo grnwall bamwall stnwall
rwdwall cmtwall stncwall brckwall
blckwall woodwall othwall natroof rudroof ironroof cementroof
tileroof shinroof asbsroof
othroof hv246a hv246b hv246c hv246d hv246e hv246f hv246g hv246h
hv246j flushs shflushs flusho shflusho latvip shlatvip latpits
slatpits latpito slatpito latbush latother cookelec cookgas
cookkero cookcoal cookwood

```

```

/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 -0.9179400197353=1) (-0.9179400197353 thru
-0.4062948989279=2) (-0.4062948989279 thru
0.2076513601855=3) (0.2076513601855 thru 0.954894755279=4)
(0.954894755279 thru Highest=5) INTO wlthind5 .
VARIABLE LABELS wlthind5 'Wealth Index Quintiles'.
EXECUTE .

```

```

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

```

```

MEANS
TABLES=h2oires h2oyard h2opub h2otube h2opwell h2upwell
h2spring h2osurf
h2orain h2otk h2obottl h2osach electric radio tv fridge bicycle
motobk car
phone sepkitch mphone cart boat watch freezer generate washmach
computer digicam
filmcam viddeck dvd sewmach bed table cubbard sqmeters memsleep

```

```
dirtfloo dungfloo
cerafloo cemtfloo carpfloo vinfloo grnwall bamwall stnwall
rwdwall cmtwall stncwall brckwall
blckwall woodwall othwall natroof rudroof ironroof cemtroof
tileroof shinroof asbsroof
othroof hv246a hv246b hv246c hv246d hv246e hv246f hv246g hv246h
hv246j flushs shflushs flusho shflusho latvip shlatvip latpits
slatpits latpito slatpito latbush latother cookelec cookgas
cookkero cookcoal cookwood
  BY wlthind5
  /CELLS MEAN .
```

```
freq wlthind5.
weight off.
freq wlthind5.
COMPUTE wt = hv005/1000000.
WEIGHT by wt.
EXECUTE.
freq wlthind5.
```