

```
FRECUENCIAS
  VARIABLES=hv201 hv205 hv206 hv207 hv208 hv209 hv210 hv211 hv212
hv213 hv221
  hv243c
  /ORDER= ANALYSIS .
```

```
*begin recoding into dichotomized variables.
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```
*WATER SOURCE.
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```
COMPUTE h2oires = 0.
IF (hv201 = 11 | hv201 = 71) h2oires = 1.
VARIABLE LABELS h2oires "if water is piped into residence + 7
bottled water".
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 h2ooresw = 0.
IF (hv201 = 21) h2ooresw = 1.
VARIABLE LABELS h2ooresw "if gets water from an open well in
residence".
VALUE LABELS h2ooresw 0 "does not get water from an open pvt res
well"
                1 "gets water from an open pvt res well".
```

```
COMPUTE h2oopvtw = 0.
IF (hv201 = 22) h2oopvtw = 1.
VARIABLE LABELS h2oopvtw "if gets water from an open well in
yard".
VALUE LABELS h2oopvtw 0 "does not get water from an open pvt yard
well"
                1 "gets water from an open pvt yard well".
```

```
COMPUTE h2oopubw = 0.
IF (hv201 = 23) h2oopubw = 1.
VARIABLE LABELS h2oopubw "if gets water from a public open well".
VALUE LABELS h2oopubw 0 "does not get water from a public open
well"
                1 "gets water from a public open well".
```

```

COMPUTE h2opresw = 0.
IF (hv201 = 31) h2opresw = 1.
VARIABLE LABELS h2opresw "if gets water from a protected well in
residence".
VALUE LABELS h2opresw 0 "does not get water from a protected pvt
res well"
                1 "gets water from a protected pvt res well".

COMPUTE h2oppvtw = 0.
IF (hv201 = 32) h2oppvtw = 1.
VARIABLE LABELS h2oppvtw "if gets water from a protected well in
yard".
VALUE LABELS h2oppvtw 0 "does not get water from a protected pvt
yard well"
                1 "gets water from a protected pvt yard well".

COMPUTE h2oppubw = 0.
IF (hv201 = 33) h2oppubw = 1.
VARIABLE LABELS h2oppubw "if gets water from a protected public
well".
VALUE LABELS h2oppubw 0 "does not get water from a protected
public well"
                1 "gets water from a protected pub well".

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

COMPUTE h2spring = 0.
IF (hv201 = 42) h2spring = 1.
VARIABLE LABELS h2spring "if gets water from an unprotected
spring".
VALUE LABELS h2spring 0 "does not get water from an unprotected
spring"
                1 "gets water from an unprotected spring".

COMPUTE h2osurf = 0.
IF (hv201 = 43 | hv201 = 44 | hv201 = 51 | hv201 = 61 | hv201 =
96) h2osurf = 1.
VARIABLE LABELS h2osurf "if gets water from surface + 10 other".
VALUE LABELS h2osurf 0 "does not get water from surface sources"
                1 "gets water from surface sources".

*TOILET TYPES.

COMPUTE flush = 0.
IF (hv205 = 11) flush = 1.

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VARIABLE LABELS flush "if uses flush toilet".
VALUE LABELS flush 0 "does not use flush toilet"
                1 "uses flush toilet".
```

```
COMPUTE latpit = 0.
IF (hv205 = 21) latpit = 1.
VARIABLE LABELS latpit "if uses pit latrine".
VALUE LABELS latpit 0 "does not use pit latrine"
                1 "uses pit latrine".
```

```
COMPUTE latvip = 0.
IF (hv205 = 22) latvip = 1.
VARIABLE LABELS latvip "if uses own vip latrine".
VALUE LABELS latvip 0 "does not use own vip latrine"
                1 "uses own vip latrine".
```

```
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".
```

*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".
```

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VALUE LABELS bicycle 0 "no bicycle"
                    1 "has bicycle".

COMPUTE motobk = 0.
IF (hv211 = 1) motobk = 1.
VARIABLE LABELS motobk "if household has motorcycle or scooter".
VALUE LABELS motobk 0 "no motorbike/scooter"
                    1 "has motorbike/scooter".

COMPUTE car = 0.
IF (hv212 = 1) car = 1.
VARIABLE LABELS car "if household has car or truck".
VALUE LABELS car 0 "no car/truck"
                 1 "has car/truck".

COMPUTE phone = 0.
IF (hv221 = 1) phone = 1.
VARIABLE LABELS phone "if household has phone".
VALUE LABELS phone 0 "no phone"
                  1 "has phone".

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

*FLOOR TYPE.

COMPUTE dirtfloo = 0.
IF (hv213 = 11) dirtfloo = 1.
VARIABLE LABELS dirtfloo "if floor is earth/mud/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) 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".

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"

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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 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 | hv213 = 31) carpfloo = 1.
VARIABLE LABELS carpfloo "if has carpeted flooring + 13 cases
parquet".
VALUE LABELS carpfloo 0 "does not have carpeted flooring"
              1 "has carpeted flooring".

EXECUTE.

FACTOR
/VARIABLES h2oires h2oyard h2opub h2ooresw h2oopvtw h2oopubw
h2opresw
h2oppvtw h2oppubw h2psprng h2spring h2osurf flush latpit latvip
latbush
electric radio tv fridge bicycle motobk car phone cart dirtfloo
dungfloo
woodfloo vinfloo cerafloo centfloo carpfloo /MISSING MEANSUB
/ANALYSIS
h2oires h2oyard h2opub h2ooresw h2oopvtw h2oopubw h2opresw
h2oppvtw h2oppubw
h2psprng h2spring h2osurf flush latpit latvip latbush electric
radio tv
fridge bicycle motobk car phone cart dirtfloo dungfloo woodfloo
vinfloo
cerafloo centfloo carpfloo
/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 -0.7434491507116=1) (-0.7434491507116 thru
-0.2256663689267=2) (-0.2256663689267 thru
0.4857352706121=3) (0.4857352706121 thru 1.295846407449=4)
(1.295846407449 thru Highest=5) INTO wlthind5 .
VARIABLE LABELS wlthind5 'Wealth Index Quintiles'.
EXECUTE .
```

```
write outfile='C:\work\scores.dat' records=1 table
/hhid fac1_1 wlthind5.
execute.
```

```
MEANS
TABLES=h2oires h2oyard h2opub h2ooresw h2oopvtw h2oopubw
h2opresw
h2oppvtw h2oppubw h2psprng h2spring h2osurf flush latpit latvip
latbush
electric radio tv fridge bicycle motobk car phone cart dirtfloo
dungfloo
woodfloo vinfloo cerafloo cemtfloo carpfloo BY wlthind5
/CELLS MEAN .
```

```
freq wlthind5.
```

```
weight off.
freq wlthind5.
```

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