```
FREQ
hv201
hv205
hv206
hv207
hv208
hv209
hv210
hv211
hv212
hv213
hv216
shh6
shh7a
shh7f
shh7g
shh8d
.

*RECODE.

*WATER.

COMPUTE h2oaqued = 0.
IF (hv201 = 11) h2oaqued = 1.
VAR LABELS h2oaqued "if water is from aqueduct - public net".
VAL LABELS h2oaqued   0 "not from aqueduct - pub net"
                      1 "water from aqueduct - pub net".

COMPUTE h2oaquer = 0.
IF (hv201 = 12) h2oaquer = 1.
VAR LABELS h2oaquer "if water is from aqueduct - rural".
VAL LABELS h2oaquer   0 "not from aqueduct - rural"
                      1 "water from aqueduct - rural".

COMPUTE h2otub = 0.
IF (hv201 = 13) h2otub = 1.
VAR LABELS h2otub "if water is from tub".
VAL LABELS h2otub     0 "not from tub"
                      1 "water from tub".

COMPUTE h2opub = 0.
IF (hv201 = 14) h2opub = 1.
VAR LABELS h2opub "if water is from public tap".
VAL LABELS h2opub     0 "not from public tap"
                      1 "water from public tap".

COMPUTE h2owell = 0.
IF (hv201 = 21) h2owell = 1.
VAR LABELS h2owell "if water is from well".
VAL LABELS h2owell    0 "not from well"
                      1 "water from well".
```

```
COMPUTE h2osurf = 0.
IF (hv201 = 31) h2osurf = 1.
VAR LABELS h2osurf "if water is from surface source".
VAL LABELS h2osurf    0 "not from surface source"
                1 "water from surface source".

COMPUTE h2orain = 0.
IF (hv201 = 41) h2orain = 1.
VAR LABELS h2orain "if water is from rain".
VAL LABELS h2orain    0 "not from rain"
                1 "water from rain".

COMPUTE h2otruck = 0.
IF (hv201 = 51) h2otruck = 1.
VAR LABELS h2otruck "if water is from tanker truck".
VAL LABELS h2otruck   0 "not from tanker truck"
                1 "water from tanker truck".

COMPUTE h2ooth = 0.
IF (hv201 = 71) h2ooth = 1.
VAR LABELS h2ooth "if water is from other source".
VAL LABELS h2ooth     0 "not from other source"
                1 "water from other source".


*LATRINES.

COMPUTE flush = 0.
IF (hv205 = 11) flush = 1.
VAR LABELS flush "if latrine is flush toilet".
VAL LABELS flush 0 "not flush"
                1 "latrine is flush toilet".

COMPUTE septic = 0.
IF (hv205 = 12) septic = 1.
VAR LABELS septic "if latrine is toilet - septic".
VAL LABELS septic     0 "not toilet - septic"
                1 "latrine is toilet - septic".

COMPUTE latlat = 0.
IF (hv205 = 21) latlat = 1.
VAR LABELS latlat "if latrine is latrine".
VAL LABELS latlat     0 "not latrine"
                1 "latrine is latrine".

COMPUTE latbush = 0.
IF (hv205 = 31) latbush = 1.
VAR LABELS latbush "if latrine is bush".
VAL LABELS latbush    0 "not bush"
                1 "latrine is bush".
```

```
COMPUTE latoth = 0.
IF (hv205 = 41) latoth = 1.
VAR LABELS latoth "if latrine is other".
VAL LABELS latoth     0 "not other"
                1 "latrine is other".


*COOKING FUEL.

COMPUTE cookgas = 0.
IF (shh6 = 1) cookgas = 1.
VAR LABELS cookgas "if cooking fuel is gas".
VAL LABELS cookgas    0 "not gas"
                1 "cooking fuel is gas".

COMPUTE cookgaso = 0.
IF (shh6 = 2) cookgaso = 1.
VAR LABELS cookgaso "if cooking fuel is gasoline".
VAL LABELS cookgaso   0 "not gasoline"
                1 "cooking fuel is gasoline".

COMPUTE cookcoci = 0.
IF (shh6 = 3) cookcoci = 1.
VAR LABELS cookcoci "if cooking fuel is cocinol".
VAL LABELS cookcoci   0 "not cocinol"
                1 "cooking fuel is cocinol".

COMPUTE cookelec = 0.
IF (shh6 = 4) cookelec = 1.
VAR LABELS cookelec "if cooking fuel is elec".
VAL LABELS cookelec   0 "not elec"
                1 "cooking fuel is elec".

COMPUTE cookwood = 0.
IF (shh6 = 5) cookwood = 1.
VAR LABELS cookwood "if cooking fuel is wood".
VAL LABELS cookwood   0 "not wood"
                1 "cooking fuel is wood".

COMPUTE cookcoal = 0.
IF (shh6 = 6) cookcoal = 1.
VAR LABELS cookcoal "if cooking fuel is coal".
VAL LABELS cookcoal   0 "not coal"
                1 "cooking fuel is coal".

COMPUTE cookoth = 0.
IF (shh6 = 7) cookoth = 1.
VAR LABELS cookoth "if cooking fuel is oth".
VAL LABELS cookoth    0 "not oth"
                1 "cooking fuel is oth".
```

```
*FLOOR.

COMPUTE dirtfloo = 0.
IF (hv213 = 11) dirtfloo = 1.
VAR LABELS dirtfloo "if floor is dirt".
VAL LABELS dirtfloo   0 "not dirt"
                1 "floor is dirt".

COMPUTE woodfloo = 0.
IF (hv213 = 21) woodfloo = 1.
VAR LABELS woodfloo "if floor is wood".
VAL LABELS woodfloo   0 "not wood"
                1 "floor is wood".

COMPUTE brckfloo = 0.
IF (hv213 = 31) brckfloo = 1.
VAR LABELS brckfloo "if floor is brick".
VAL LABELS brckfloo   0 "not brick"
                1 "floor is brick".

COMPUTE cerafloo = 0.
IF (hv213 = 32) cerafloo = 1.
VAR LABELS cerafloo "if floor is ceramic".
VAL LABELS cerafloo   0 "not ceramic"
                1 "floor is ceramic".

COMPUTE cemtfloo = 0.
IF (hv213 = 33) cemtfloo = 1.
VAR LABELS cemtfloo "if floor is cement".
VAL LABELS cemtfloo   0 "not cement"
                1 "floor is cement".

COMPUTE othfloo = 0.
IF (hv213 = 41) othfloo = 1.
VAR LABELS othfloo "if floor is other".
VAL LABELS othfloo    0 "not other"
                1 "floor is other".

EXECUTE.


FREQ hv206 hv207 hv208 hv209     hv210 hv211 hv212 hv216 shh7a
      shh7f shh7g shh8d
h2oaqued h2oaquer h2otub h2opub h2owell h2osurf h2orain h2otruck
h2ooth flush septic
latlat latbush latoth cookgas cookgaso cookcoci cookelec cookwood
cookcoal cookoth
dirtfloo woodfloo brckfloo cerafloo cemtfloo othfloo.
```

```
FACTOR
  /VARIABLES hv206 hv207 hv208 hv209  hv210 hv211 hv212 hv216
shh7a shh7f shh7g shh8d
h2oaqued h2oaquer h2otub h2opub h2owell h2osurf h2orain h2otruck
h2ooth flush septic
latlat latbush latoth cookgas cookgaso cookcoci cookelec cookwood
cookcoal cookoth
dirtfloo woodfloo brckfloo cerafloo cemtfloo othfloo  /MISSING
MEANSUB
 /ANALYSIS hv206 hv207 hv208 hv209 hv210 hv211 hv212 hv216 shh7a
shh7f shh7g shh8d
h2oaqued h2oaquer h2otub h2opub h2owell h2osurf h2orain h2otruck
h2ooth flush septic
latlat latbush latoth cookgas cookgaso cookcoci cookelec cookwood
cookcoal cookoth
dirtfloo woodfloo brckfloo cerafloo cemtfloo othfloo
  /PRINT UNIVARIATE INITIAL EXTRACTION FSCORE
  /CRITERIA FACTORS(1) ITERATE(25)
  /EXTRACTION PC
  /ROTATION NOROTATE
  /SAVE REG(ALL)
  /METHOD=CORRELATION .


save outfile="assets.sav".
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 -1.469784246804=1)  (-1.469784246804 thru
-0.3412021575229=2)  (-0.3412021575229 thru
0.3624888397036=3)  (0.3624888397036 thru 0.7633090036862=4)
(0.7633090036862 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=hv206 hv207 hv208 hv209 hv210 hv211 hv212 hv216 shh7a
shh7f shh7g shh8d
h2oaqued h2oaquer h2otub h2opub h2owell h2osurf h2orain h2otruck
```

```
h2ooth flush septic
latlat latbush latoth cookgas cookgaso cookcoci cookelec cookwood
cookcoal cookoth
dirtfloo woodfloo brckfloo cerafloo cemtfloo othfloo BY wlthind5
  /CELLS MEAN  .

freq wlthind5.
weight off.
freq wlthind5.

compute wt = hv005/1000000.
execute.
weight by wt.
freq wlthind5.
```