

** Urban Area--Cabecera municipal y centro poblado.

```
USE ALL.  
COMPUTE filter_$=(qharea <= 2).  
VARIABLE LABEL filter_$ 'qharea <= 2 (FILTER)'.  
VALUE LABELS filter_$ 0 'Not Selected' 1 'Selected'.  
FORMAT filter_$ (f1.0).  
FILTER BY filter_$.  
EXECUTE .
```

```
WEIGHT  
OFF.
```

```
FACTOR  
/VARIABLES QH49A QH49B QH49C QH49D QH49E QH55 QH58 QH60A QH60B  
QH60C QH60D QH60E QH60F QH60G  
QH60H QH60I QH61 DOMESTIC memsleep h2oires h2oyrd h2opub  
h2pmpwel h2npwel h2osurf h2otruck h2ovend  
h2obot h2orain h2ooth flushs flusht flushp latpit latsea  
latbush latoth latshare sflushs sflusht  
sflushp slatpit slatsea latout latlot latin latelse dirtfloo  
woodfloo centfloo vinlfloo  
tilefloo rugfloo prqfloo othfloo adobwall brwall bnrwall  
woodwall natwall brkwall prewall recwall  
nowall othwall cookgas cooklpg cookkero cookelec cookwood  
cookcoal cooknone cookoth  
dwelown dwelrnt aptown aprnt roomrnt roomoth dwelidig  
dweloth  
/MISSING MEANSUB  
/ANALYSIS QH49A QH49B QH49C QH49D QH49E QH55 QH58 QH60A QH60B  
QH60C QH60D QH60E QH60F QH60G QH60H  
QH60I QH61 DOMESTIC memsleep h2oires h2oyrd h2opub h2pmpwel  
h2npwel h2osurf h2otruck h2ovend h2obot  
h2orain h2ooth flushs flusht flushp latpit latsea latbush  
latoth latshare sflushs sflusht sflushp  
slatpit slatsea latout latlot latin latelse dirtfloo woodfloo  
centfloo vinlfloo tilefloo  
rugfloo prqfloo othfloo adobwall brwall bnrwall woodwall  
natwall brkwall prewall recwall nowall  
othwall cookgas cooklpg cookkero cookelec cookwood cookcoal  
cooknone cookoth dwelown  
dwelrnt aptown aprnt roomrnt roomoth dwelidig dweloth  
/PRINT UNIVARIATE INITIAL EXTRACTION FSCORE  
/CRITERIA FACTORS(1) ITERATE(25)  
/EXTRACTION PC  
/ROTATION NOROTATE  
/SAVE REG(ALL URB)  
/METHOD=CORRELATION .
```

** Rural Area--Poblacion dispersa.

```
USE ALL.
COMPUTE filter_$=(qharea = 3).
VARIABLE LABEL filter_$ 'qharea = 3 (FILTER)'.
VALUE LABELS filter_$ 0 'Not Selected' 1 'Selected'.
FORMAT filter_$ (f1.0).
FILTER BY filter_$.
EXECUTE .
```

FACTOR

```
/VARIABLES QH49A QH49B QH49C QH49D QH49E QH55 QH58 QH60A QH60B
QH60C QH60D QH60E QH60F QH60G
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cookcoal cooknone cookoth
dwelown dwelrnt aptown aprnt roomrnt roomoth dwelidig
dweloth
/MISSING MEANSUB
/ANALYSIS QH49A QH49B QH49C QH49D QH49E QH55 QH58 QH60A QH60B
QH60C QH60D QH60E QH60F QH60G QH60H
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othwall cookgas cooklpg cookkero cookelec cookwood cookcoal
cooknone cookoth dwelown
dwelrnt aptown aprnt roomrnt roomoth dwelidig dweloth
/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 Area--Cabecera municipal y centro poblado.

USE ALL.

```

COMPUTE filter_$=(qharea <= 2).
VARIABLE LABEL filter_$ 'qharea <= 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 URB1 .

```

** Rural Area--Poblacion dispersa.

```

USE ALL.
COMPUTE filter_$=(qharea = 3).
VARIABLE LABEL filter_$ 'qharea = 3 (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 (qharea ne 3) comb scor=0.154+0.931* URB1.
** Rural.
if (qharea eq 3) comb scor=(-1.138)+0.691* RUR1.
execute.

```

```

*Tabulation for histograms
weight by hhwt.
filter off.

```

```

use all.
FRECUENCIAS
  VARIABLES=combscor  /FORMAT=NOTABLE
  /NTILES= 5
  /STATISTICS=STDDEV MEAN
  /HISTOGRAM NORMAL
  /ORDER= ANALYSIS
.

* Calculate histogram intervals.

compute histnac=trunc(fac1_1/((2.5-(-2.0))/50)).
if (fac1_1 ge 0 ) histnac=histnac+1.
freq var=histnac.

*Calculate quintiles and scores for data file.

compute hhmemwt=hv012*qhweight/1000000.
weight by hhmemwt.
VARIABLE LABELS hhmemwt 'HH members weighting for Index' .

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VARIABLE LABEL filter_$ 'qharea <= 2 (FILTER)'.
VALUE LABELS filter_$ 0 'Not Selected' 1 'Selected'.
FORMAT filter_$ (f1.0).
FILTER BY filter_$.
EXECUTE .

RANK
  VARIABLES=urbl  (A) /RANK /NTILES (5) /PRINT=YES
  /TIES=MEAN .

** Rural Area--Poblacion dispersa.

USE ALL.
COMPUTE filter_$=(qharea = 3).
VARIABLE LABEL filter_$ 'qharea = 3 (FILTER)'.
VALUE LABELS filter_$ 0 'Not Selected' 1 'Selected'.
FORMAT filter_$ (f1.0).
FILTER BY filter_$.
EXECUTE .

RANK
  VARIABLES=rurl  (A) /RANK /NTILES (5) /PRINT=YES
  /TIES=MEAN .

** National combined score.

FILTER OFF.

```

```
USE ALL.  
EXECUTE .
```

```
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=qhweight/1000000.
```

```
weight by hhwt.
```

```
VARIABLE LABELS hhwt 'HH weights' .
```

```
MEANS
```

```
TABLES=QH49A QH49B QH49C QH49D QH49E QH55 QH58 QH60A QH60B  
QH60C QH60D QH60E QH60F QH60G QH60H  
QH60I QH61 DOMESTIC memsleep h2oires h2oyrd h2opub h2pmpwel  
h2npwel h2osurf h2otruck h2ovend h2obot  
h2orain h2ooth flushs flusht flushp latpit latsea latbush  
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natwall brkwall prewall recwall nowall  
othwall cookgas cooklpg cookkero cookelec cookwood cookcoal  
cooknone cookoth dwelown  
dwelrnt aptown aprnt roomrnt roomoth dwelidig dweloth  
BY ncombsco  
/CELLS MEAN COUNT STDDEV .
```

```
compute hv271=combscor.
```

```
compute hv270=ncombsco.
```

```
save outfile="c:\hnp2a\Colombia2010\col0assets.sav".
```

```
WEIGHT
```

```
OFF.
```

```
FREQUENCIES
```

```
VARIABLES=hv271  
/ORDER= ANALYSIS .
```

```
compute hhwt=qhweight/1000000.
```

```
weight by hhwt.
```

```
GRAPH
```

```
/HISTOGRAM(NORMAL)=combscor
/TITLE= 'Distribution of Households by Wealth Scores Colombia
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:\hnp2a\Colombia2010\col0scores.dat'
  TABLE
  /qhsegmen qhhogar combscor ncombsco urb1 nurb1 rur1 nrur1.
EXECUTE.
```