
Subject: Re: Replicating table counts for children under 5 in Bangladesh DHS

Posted by [Liz-DHS](#) on Sun, 16 Mar 2014 04:45:31 GMT

[View Forum Message](#) <> [Reply to Message](#)

Dear User,

I am not a programmer, but looked through our CSPro programs for table 11.7 for Bangladesh 2004. It is called table 10.13 in our standard applications but I think might help in figuring things out. Note what the table definition excludes. Look through this code and use your recode manual and dictionary distributed with your data. Good luck. If you still need assistance, please feel free to post again.

Thank you!

```
table float(1) t1013 chage2+sex2+border2+pinter2+bsize+v102w+v101w+v106wt+
    agem+cintw+chnotew+v190w+total
    hghtage+wghthght+wghtage+numchild
    exclude(rowzero,colzero,totals,percents,specval)
{+US}
    title("Table 10.13 Nutritional status of children", " ",
    " Percentage of children under five years classified as",
    " malnourished according to three anthropometric indices of",
    " nutritional status: height-for-age, weight-for-height, and",
    "     weight-for-age, by background characteristics, Bangladesh 2004")
    stub ("Background",
    "characterisitic");
```

{ check if a type of food was given to a child }

```
function given( xvar )
    given = 0;
    if !special(xvar) & xvar > 0 & xvar < 8 then
        given = xvar
    endif;
end
```

end

```
PROC RECODE4_FF
preproc
```

```
eb = 0;
total = 0;
numwom = 0;
numhh = 0;
numchild = 0;
meanpi = notappl;
med1st = 0.75;
totmiss = 0;
totchild = 1;
tothh = 1;
```

```

emsample = 1; { 0 - All woman sample, 1 - Ever married woman sample }

unweight = ( sysparm()[1:1] = "U" ); { 1 - run unweighted tables }

maxhght = 2200; { maximum height 220 cms }
maxwght = 2000; { maximum weight 200 Kgs }
maxarmc = 500; { maximum arm-circum 50 cms }
maxbmi = 600; { maximum BMI 60 (implicit in V445) }
minhght = 1300; { minimum height 130 cms }
minwght = 350; { minimum weight 35 Kgs }
minarmc = 200; { minimum arm-circum 20 cms }
minbmi = 120; { minimum BMI 12 (implicit in V445) }

{ Table 10.13 processing }
jtot = tblcol( t1013 );
jmax = jtot - 1;
j = 0;
while j <= jmax do
  if j <> 2 & j <> 5 & j <> 8 then
    t1013[*,j] = 100 * t1013[*,j] / t1013[*,jtot]; { percents }
  else
    t1013[*,j] = (t1013[*,j] / t1013[*,jtot]) - 10; { means }
  endif;
  j = j + 1
enddo;
{ Rounding weighted Ns }
itot = tblrow( t1013 );
i = 0;
while i <= itot do
  t1013(i,jtot) = int( t1013(i,jtot)+0.5 );
  i = i + 1
enddo;

{ table 10.13, 10.13a }

{ children's anthropometry }
numchild = notappl;
hghtage = notappl;
wghthght = notappl;
wghtage = notappl;
if !special( HC5(i) ) & HC5(i) <> 9998 then
hghtage = 1;
if HC5(i) < (-300) then
  t = xtab( t1013, rweight );
endif;
hghtage = 2;
t = xtab( t1013aw, rweight );
if HC5(i) < (-200) then

```

```

t = xtab( t1013, rweight );
t = xtab( t1013a, rweight );
endif;
wghtage = 3;
zw = HC5(i) / 100 + 10;
t = xtab( t1013, zw*rweight );
wghtage = notappl;
wghthght = 1;
if HC11(i) < (-300) then
    t = xtab( t1013, rweight );
endif;
wghthght = 2;
t = xtab( t1013aw, rweight );
if HC11(i) < (-200) then
    t = xtab( t1013, rweight );
    t = xtab( t1013a, rweight );
endif;
wghthght = 3;
zw = HC11(i) / 100 + 10;
t = xtab( t1013, zw*rweight );
wghthght = notappl;
wghtage = 1;
if HC8(i) < (-300) then
    t = xtab( t1013, rweight );
endif;
wghtage = 2;
t = xtab( t1013aw, rweight );
if HC8(i) < (-200) then
    t = xtab( t1013, rweight );
    t = xtab( t1013a, rweight );
endif;
wghtage = 3;
zw = HC8(i) / 100 + 10;
t = xtab( t1013, zw*rweight );
wghtage = notappl;
numchild = 0;      { all children }
t = xtab( t1013, rweight );

```
