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
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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+chintw+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;
hghtage  = 3;
zw = HC5(i) / 100 + 10;
t = xtab( t1013, zw*rweight );
hghtage  = 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 );
```