Subject: Re: ARI among children
Posted by Liz-DHS on Fri, 21 Mar 2014 05:53:25 GMT
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Dear User,

The unweighted number of cases is 5054, but the weighted number is 5140. So it is simply a matter of applying the weights: = V005 / 1000000;

I am not a programmer, but here is some code in CSPro for this standard table that may help you in figuring things out.
Please use your map and dictionary to work with the recode variables. You may also want to reference the recode manual on our website.
http://dhsprogram.com/pubs/pdf/DHSG4/Recode6_DHS_22March2013 _DHSG4.pdf

```
Table definition
crosstab float(1) t1005
chage1+sex2+v463w+hv226w1+v102w+v101w+SHDEVREG+v106wt+v190w+ total
                    col1005a+col1005b
   exclude(rowzero,colzero,percents,totals,specval)
   title( "Table 10.5  Prevalence and treatment of symptoms of ARI","",
         "Among children under age five, the percentage who had symptoms of acute",
         "respiratory infection (ARI) in the two weeks preceding the survey and ",
         "among children with symptoms of ARI, the percentage for whom advice or",
         "treatment was sought from a health facility or provider and percentage",
         "who received antibiotics as treatment, according to background",
         "characteristics, Nepal 2011" )
    stub( "Background characteristic" );

 ************************************************************
************************************************************ ******
 for i in REC43_EDT do
   months = V008 - B3(HIDX);
   box months => chage1;
         0-5 => 0;
        6-11 => 1;
       12-23 => 2;
       24-35 => 3;
       36-47 => 4;
       48-59 => 5;
   endbox;
   sex2 = B4(HIDX);

   if B5(HIDX) = 1 then   { for living children }
     col1005b = notappl;
     if H31B = 1 & H31C in 1,3 then      { ARI }
       col1005a = 1;
```

```
      xtab( t1005, rweight );
    endif;
    col1005a = 2;                    { all children }
    xtab( t1005, rweight );
    col1005a = notappl;
    if H31B = 1 & H31C in 1,3 then      { ARI }
      if H32A = 1 | H32B = 1 | H32C = 1 | H32D = 1 | H32E = 1 |
         H32F = 1 | H32G = 1 | H32H = 1 | H32I = 1 | H32J = 1 |
         H32L = 1 | H32M = 1 | H32N = 1 | H32O = 1 | H32P = 1 |
         H32Q = 1 | H32R = 1 then
        col1005b = 1;                { Pharmacy, shop and traditional practitioner excluded }
        xtab( t1005, rweight );
      endif;
      { !! if malaria module exist, this category comes from variables ML13x }
 { Wrong if H37I = 1 | H37J = 1 then          { antibiotics given }}
      col1005b = notappl;
      if H37F = 1 | H37G = 1 | H37H = 1 | H37I = 1 | H37J = 1 then
        col1005b = 2;
        xtab( t1005, rweight );
      endif;
{
        if H37F = 1 then
          errmsg("H37F");
        endif;
        if H37G = 1 then
          errmsg("H37G");
        endif;
        if H37H = 1 then
          errmsg("H37H");
        endif;
        if H37I = 1 then
          errmsg("H37I");
        endif;
        if H37J = 1 then
          errmsg("H37J");
        endif;

       if H37F = 1 | H37G = 1 | H37H = 1 | H37I = 1 | H37J = 1 then
         errmsg("ALL");

         if col1005b = notappl then
           errmsg("%d %d %d %d %d (%d)", H37F, H37G, H37H, H37I, H37J, rweight);
         endif;
       endif;
}
      col1005b = 3;                  { all children with ARI }
      xtab( t1005, rweight );
```

```
    { Table CS10a and CS10c - added by rajendra }

    if H32A = 1 then colCS10a =  1; xtab( CS10a, rweight ); endif;
    if H32B = 1 then colCS10a =  2; xtab( CS10a, rweight ); endif;
    if H32C = 1 then colCS10a =  3; xtab( CS10a, rweight ); endif;
    if H32D = 1 then colCS10a =  4; xtab( CS10a, rweight ); endif;
    if H32E = 1 then colCS10a =  5; xtab( CS10a, rweight ); endif;
    if H32F = 1 then colCS10a =  6; xtab( CS10a, rweight ); endif;
    if H32G = 1 then colCS10a =  7; xtab( CS10a, rweight ); endif;
    if H32M = 1 then colCS10a =  8; xtab( CS10a, rweight ); endif;
    if H32N = 1 then colCS10a =  9; xtab( CS10a, rweight ); endif;
    if H32O = 1 then colCS10a = 10; xtab( CS10a, rweight ); endif;
    if H32J = 1 then colCS10a = 11; xtab( CS10a, rweight ); endif;
    if H32K = 1 then colCS10a = 12; xtab( CS10a, rweight ); endif;
    if H32P = 1 then colCS10a = 13; xtab( CS10a, rweight ); endif;
    if H32S = 1 then colCS10a = 14; xtab( CS10a, rweight ); endif;
    if H32T = 1 then colCS10a = 15; xtab( CS10a, rweight ); endif;
    if H32X = 1 then colCS10a = 16; xtab( CS10a, rweight ); endif;
    colCS10a = 17; xtab( CS10a, rweight ); { number of children with ARI }

    if H37B = 1 then colCS10c =  1; xtab( CS10c, rweight ); endif;
    if H37C = 1 then colCS10c =  2; xtab( CS10c, rweight ); endif;
    if H37D = 1 then colCS10c =  3; xtab( CS10c, rweight ); endif;
    if H37E = 1 then colCS10c =  4; xtab( CS10c, rweight ); endif;
    if H37F = 1 then colCS10c =  5; xtab( CS10c, rweight ); endif;
    if H37G = 1 then colCS10c =  6; xtab( CS10c, rweight ); endif;
    if H37H = 1 then colCS10c =  7; xtab( CS10c, rweight ); endif;
    if H37I = 1 then colCS10c =  8; xtab( CS10c, rweight ); endif;
    if H37J = 1 then colCS10c =  9; xtab( CS10c, rweight ); endif; {other antibiotics}
    if H37K = 1 then colCS10c = 10; xtab( CS10c, rweight ); endif;
    if H37L = 1 then colCS10c = 11; xtab( CS10c, rweight ); endif;
    if H37M = 1 then colCS10c = 12; xtab( CS10c, rweight ); endif;
    if H37X = 1 then colCS10c = 13; xtab( CS10c, rweight ); endif;
    if H37Z = 1 then colCS10c = 14; xtab( CS10c, rweight ); endif;
    if H37Y = 1 then colCS10c = 15; xtab( CS10c, rweight ); endif;
    colCS10c = 17; xtab( CS10c, rweight ); { number of children with ARI }

    { Table CS10a and CS10c - added by rajendra }

  endif;
 endif;
enddo;
```