
Subject: ARI among children

Posted by [user](#) on Wed, 19 Mar 2014 20:42:39 GMT

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Hi,

I was trying to see the determinants of childhood ARI in Nepal from the Birth/Child recode from NDHS 2011 dataset.

DHS report says that the final result includes 5140 children, but the question about cough was asked to total 5054 mothers only. How can i solve this issue?

I am expecting some help on that..Thank you very much.

tabulate h31

had cough in last
two weeks Freq. Percent Cum.

no 3,978 78.71 78.71

yes, last two weeks 1,050 20.78 99.49

don't know 26 0.51 100.00

Total 5,054 100.00

Subject: Re: ARI among children

Posted by [Liz-DHS](#) on Thu, 20 Mar 2014 13:31:40 GMT

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Dear User,

We are working on a response. Can you provide the table number and page number you are looking at in the final report?

Thank you!

Subject: Re: ARI among children

Posted by [user](#) on Thu, 20 Mar 2014 16:48:28 GMT

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Dear Liz

I was looking at Table 10.4 Prevalence of Symptoms of ARI, Page no 153. Final report NDHS 2011.

Thank you very much!

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 CSpPro 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;

```

Subject: Re: ARI among children
Posted by [Kia-DHS](#) on Fri, 21 Mar 2014 17:55:22 GMT
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Dear user,

The difference between the numbers you are getting in your tabulation of h31 and the number in Table 10.4 is that your tabulation is unweighted, while Table 10.4 is calculated on weighted data. All tables in DHS Final Reports are weighted data (unless the title specifies otherwise).

The DHS is a survey sample, so in order for the data to be representative of the population, it is necessary to apply weights (so most applications of using the data need to use weighted data). For information about weighting the data, please go to this resource on our website:
<http://www.dhsprogram.com/data/Using-Datasets-for-Analysis.cfm>:

The Unweighted Frequency of h31:

No: 3978
Yes: 1050
DK: 26
Total: 5054

The Weighted Frequency of h31:

No: 3963
Yes: 1148
DK: 29
Total: 5140

Subject: Re: ARI among children
Posted by [user](#) on Sat, 22 Mar 2014 12:56:52 GMT
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Dear Liz & Kia

Thank you very much for your kind responses. That helped me a lot
