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Subject: Re: Calculating the current use of contraceptive by age group

Posted by [Liz-DHS](#) on Tue, 25 Mar 2014 19:49:11 GMT

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Dear USer,

I am not a programmer, but here is some code in CSPRo that may help in figuring things out.

The row variables are:

V013w age, value labels 1 15-19 2 20-24 3 25-29 4 30-34 5 35-39 6 40-44 7 45-49 8 50-54

(the other row variables in the table definition are other background characteristics which do not display in this particular table)

The Column variables:

useany value label 1 any method

usemod value label 1 any modern method

modmet2 Modern method, value labels 3 Pill 4 IUD 5 Injectables 6 Implants 7 Male condom 1 Femlae sterilization 2 Male sterilization

8 Female condom 9 Diaphragm 10 Foam/Jelly 11 LAM 12 Emergency contraception

usetrad Value label 1 any traditional method

tradmet2 Traditional method, value labels 13 Periodic abstinence 14 Withdrawal 15 Other

nousing Value label 1 not currently using

totnum2 Value labels 0 Total 1 Number of women

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Table 5.5 Current use of contraception by age

```
title( "Table 5.5 Current use of contraception by age", " ",  
      "Percent distribution of currently married women age 15-49 by contraceptive",  
      "method currently used and age, Bangladesh 2007" )  
stub( "Age" );
```

```
crosstab float(1) t505 v013w+v102w+v101w+v149w+v218w2+v190w+total  
      useany+usemod+modmet2+usetrad+tradmet2+nousing+totnum2  
      exclude(rowzero,colzero,percents,totals,specval)
```

```
{ Table 5.5 processing }  
jtot = tblcol( t505 );  
jmax = jtot - 2;  
do j = 0 while j <= jmax by 1  
  t505[*,j] = t505[*,j] * 100 / t505[*,jtot];  
enddo;  
t505[*,jmax+1] = tblsum( column t505[*, 0:jmax] );  
any = tblcol( t505, useany );  
nouse = tblcol( t505, nousing );  
mod = tblcol( t505, usemod );  
trad = tblcol( t505, usetrad );
```

```

{ total using any method }
t505[* , any] = tblsum( column t505[* , mod+1:nouse-1] );
{ total using any modern method }
t505[* , mod] = tblsum( column t505[* , mod+1:trad-1] );
{ total using any traditional or other method }
t505[* , trad] = tblsum( column t505[* , trad+1:nouse-1] );

{ table 5.4, 5.5 }

modmet2 = notappl;
tradmet2 = notappl;
nousing = notappl;
meth = V312;
box meth => method;
    0 => 0;
    1-3 => meth+2; { 3-Pill, 4-IUD, 5-Injections }
    4 => 9; { 9-Diaphragm }
    5 => 7; { 7-Male condom }
    6-7 => meth-5; { 1-Female ster, 2-Male ster }
    8,9 => meth+5; { 13-Periodic abstinence, 14-Withdrawal }
    10 => 15; { 15-Other }
    11 => 6; { 6-Implants }
    13 => 11; { 11-Lactational amenorrhea }
    14 => 8; { 8-Female condom }
    15 => 10; { 10-Foam/jelly/suppository }
    16 => 12; { 12-Emergency contraception }
        => default;
endbox;
if V313 = 0 then { not using }
    nousing = 1
elseif V313 = 3 then { using modern }
    modmet2 = method;
elseif V313 = 1 | V313 = 2 then { using traditional & others }
    tradmet2 = method;
endif;

if marrwom then

    xtab( t504, rweight ); { smg: moving here june 7, as we only want to show CM women }

    xtab( t505, rweight );

{ smg: this code/table added 8-19-08 }

if modmet2=7 then { using condom }
    rowMDG5=1; xtab (tMDG5, rweight);
endif;

```

```
if !(method in 0,default,notappl) then { she's using a method }
  rowMDG5=2; xtab (tMDG5, rweight);
endif;

endif;
```

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