
Subject: Re: Replicating HIV testing coverage rates
Posted by [Liz-DHS](#) on Wed, 30 Oct 2013 20:16:02 GMT
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Dear User,

I am not a programmer but was looking at the standard tables and it looks as though the variables used are:

Row Variables

HV025 Type of place of residence

HV024 Region

A Total variable for the 15-49 age group (if you're looking at women)

Column Variables

HIVRES1 recodes HA63

HIVRes2 recodes HA65

sex variable

HA63 is the result of measurement

HA65 is result of woman interview

Here is some of the CPro code which may help you.

They are used as follows:

```
{ tabulate women for tables 14.1 & 14.2    }
{ as they are based on all eligible women  }
isex = 1;
tot1549 = 0;
for i in RECH5_EDT do
  box HA63 => hivres1;
    1 => 1;    { blood taken }
    3 => 2;    { refused }
    2 => 3;    { not present }
    => 4;     { 4-not tested/5-inconclusive/6-other/missing }
endbox;

{ if blood taken check if test was successful }
samptake = 0;
if HA63 = 1 then
  { load test data for women and modify hivres1 accordingly }
  xline = edit("ZZ9",HA0);
  samptake = loadcase( HIVTESTDAT, HV001, HV002, xline );
  if samptake then
    if !HIV03 in 0:7 then
      hivres1 = 4; { test was performed but protocol didn't reach the end }
      samptake = 0; { not enough blood will not be included in the denominator }
    endif;
  else
    hivres1 = 4;  { blood taken but sample not on data file }
  endif;
endif;
```

```
if HV103(HA0) = 1 then          { de-facto population }
  box HA65 => hivres2; { result of individual interview }
    1 => 1;   { complete }
    => 2;   { other }
  endbox;
v106w = HA66;                  { education from individual interview }
if HA66 in 8,missing then v106w = 9 endif;
hivage = int( HA1/5 ) - 2;     { age in five years }

xtab( t1401 );
```
