Subject: Re: Education Variables in DHS2
Posted by Liz-DHS on Wed, 21 May 2014 15:25:58 GMT
View Forum Message <> Reply to Message

Dear User,
After looking at the final report, I came across a footnote, page 28:
"In this report, 'primary school complete' means 5-7 completed years of education, 'middle school complete' means 8-9 completed
years of education, 'high school complete' means 10-11 completed years of education, and 'higher secondary complete and above'
means 12 or more completed years of education."

From the Standard Recode Manual III:http://dhsprogram.com/pubs/pdf/DHSG4/Recode3DHS.pdf
HV105 Age of the household member.
HV106 Highest level of education the household member attended. This is a standardized variable
providing level of education in the following categories: No education, Primary, Secondary,
Higher. Any member below the lower age limit for the education questions is classified in
the "No education" category. Note that the lower age limit may be different from 6 years
in some countries. Country-specific categorizations of education are recorded in RECH3.
HV107 Highest year of education gives the years of education completed at the level given in HV106.
BASE: All household members except those answering "No education" or with missing
data or the response "Don't know" for HV106 (HV106 <> 0 & HV106 <> 9 & HV106 <> 8).
HV108 Education in single years. This variable is constructed from the educational level (HV106) and the grade at that level (HV107) as follows:
HV106 = > HV108
0 = > 0
1 = > HV107
2 = > HV107+x
3 = > HV107+y
9 = > 99
x = years to complete primary education
y = years to complete primary and secondary education
where both x and y are country-specific.
HV109 Educational achievement recodes the education of the household member into the following
categories: None, incomplete primary, complete primary, incomplete secondary, complete secondary, higher education. See related variables HV106, HV107, HV108.
HV110 Whether the household member is still in school. All members aged equal to or older than
the upper limit (usually 25 years) for this question or who have not attended school are
coded 0 (Not in school).

From the Recode Application:
QH11 through QH18 are also country specific variables.
Here is some of the code for the section in the recode dealing with education variables. This was
probably programmed in ISSA, but you might be able to glean some useful information from it:

```
PROC RECH1
if HV015 = 1 then
 i = 1;
 while i <= HV009 do
  HVIDX(i) = i;
 { IDXH4(i) = i; }          { country specific section }
  temprel = QH04( i );
  box  temprel  =>  recrel;
     1-8    =>  temprel;
     9-11   =>   10;
     12,13  =>  temprel-1;
         =>  missing;
  endbox ;
  HV101( i ) = recrel;
  HV102(i) = yesno(QH05(i));
  HV103(i) = yesno(QH06(i));
  HV104(i) = QH07(i);
  if QH08(i) = 98 | QH08(i) = 99 then
   HV105(i) = missing;
  elseif QH08( i ) > 95 then
   HV105( i ) = 95;
  else
   HV105(i) = QH08(i);       { !! Check 97, 98, 99 }
  endif ;
  edtemp = QH12( i );
  ed = QH12( i );
  gr = QH14( i );
  wr = QH11( i );
  box   ed   :   gr   :   wr   =>   x106;
   notappl, 2  :       :       =>    0 ;
      1   :   0-5   :        =>    1 ;
      1   :   6-10  :        =>    2 ; { Excludes higher secondary }
      1   :   11-30 :        =>    3 ;
      1   :       :   1    =>    1 ;
          :       :        => missing ;
  endbox ;
  box   ed   :   gr   :   wr   =>   temp6;
          :       :   2    =>    0 ;
          :   0-4   : missing  =>    6 ;
      1   : missing :   1    =>    1 ;
      2   :       :        =>    1 ;
      1   :   0-4   :        =>    1 ;
      1   :   5-7   :        =>    2 ;
      1   :   8-9   :        =>    3 ;
      1   :   10-11 :        =>    4 ;
      1   :   12-25 :        =>    5 ;
          :       :        =>    6 ;
```

```
endbox ;
box   ed   :   gr   :   wr   =>   temp4;
          :        :   2    =>    0 ;
          :  0-4   :  missing  =>    4 ;
      1   :  missing  :  1    =>    1 ;
      2   :        :         =>    1 ;
      1   :  0-4    :         =>    1 ;
      1   :  5-7    :         =>    1 ;
      1   :  8-9    :         =>    2 ;
      1   :  10-11   :         =>    3 ;
      1   :  12-25   :         =>    3 ;
          :        :         =>    4 ;
endbox ;
if qh08( i ) < 6 then
  shed6( i ) = notappl;
  shed4( i ) = notappl;
else
  shed6( i ) = temp6;
  shed4( i ) = temp4;
endif ;
box   x106   =>   x107 ;
   0,missing  =>  notappl;
       1    =>    gr  ;
       2    =>   gr - 5 ;
       3    =>   gr - 10;
            =>  notappl;
endbox ;
HV106(i) = x106;
HV107(i) = x107;
box x106 : x107   => x108;
     : missing => missing;
 missing :      => missing;
     :    98 => 98;
    8 :      => 98;
     :    97 => 97;
    0 :      => 0;
    1 :      => x107;
    2 :      => x107+xprm;
    3 :      => x107+xprm+xsec;
endbox;
HV108(i) = x108;
box x106 : x107   => x109;
 missing :      => missing;
    8 :      => 8;
    0 :      => 0;
    1 :   5 => 2;   { 5 = years of primary school !! }
    1 :      => 1;
    2 :   5 => 4;   { 5 = years of secondary school !! }
```

```
     2 :      => 3;
     3 :      => 5;
  endbox;
  HV109(i) = x109;
  HV110(i) = NAtoZero(yesno(QH15(i)));
  HV111(i) = notappl;
  HV112(i) = notappl;
  HV113(i) = notappl;
  HV114(i) = notappl;
  if QH09( i ) = 2 | QH09( i ) = 7 then
    HV115( i ) = 0;
  elseif QH09( i ) = 1 then
    HV115( i ) = 1;
  elseif QH09( i ) = 3 | QH09( i ) = 4 then
    HV115( i ) = 5;
  elseif QH09( i ) = 5 then
    HV115( i ) = 4;
  elseif QH09( i ) = 6 then
    HV115( i ) = 3;
  else
    HV115( i ) = notappl;
  endif ;

  if QH09( i ) = 2 | QH09( i ) = 7 then
    HV116( i ) = 0;
  elseif QH09( i ) = 1 then
    HV116( i ) = 1;
  elseif !special( QH09( i ) ) then
    HV116( i ) = 2;
  else
    HV116( i ) = notappl;
  endif ;
  HV117(i) = (QH10( i ) <> notappl & QH10(i) <> 0 & QH06( i ) = 1);        { !! }
  HV118(i) = notappl;
  i = i + 1
 enddo;
endif;
```

If you have additional questions, please feel free to post again.