Subject: Re: Creating h3, h5 and h7 variables
Posted by Liz-DHS on Thu, 05 Sep 2013 21:54:27 GMT
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Dear User,
You may want to refer to the Standard Recode Manual http://www.measuredhs.com/pubs/pdf/DHSG4/Recode6_DHS_22March 2013_DHSG4.pdf and look at REC43 Health History. The sections are bookmared. Rec43 will give you an idea of how these variables are used. You might also want to refer to The Guide to DHS Statistics http://www.measuredhs.com/pubs/pdf/DHSG1/Guide_to_DHS_Statis tics_29Oct2012_DHSG1.pdf. There is a section on Vaccination Rates bookmarked.

Below is some code from one of our standard applications. This may shed some light on these vaccination variables.

```
 ************************************************************
************************************************************ ************************
PROC AWSEC5A_EDT
  if V015 = 1 then
    for i in AWSEC5A_EDT do
      idx = V201 - A502 + 1;
      if i <> idx then errmsg( 4300, i, idx ) endif;
      if V008 - B3(idx) < 12*hsecs then
      { IDX95(i) = idx; }              { index for cs section }
        HIDX(i) = idx;

        if B5(i) then                  { Child alive }

        { Has health card }
          if A504 in 3,missing then
            if A505 = 1 then
              H1(i) = 3
            elseif A505 = missing then
              H1(i) = missing
            else
              H1(i) = 0
            endif
          else
            H1(i) = A504
          endif;
          { BCG }
          H2(i) = vrec( D506B, M506B, Y506B, A510A, (A510A=1), 1 );
          if H2(i) <> 1 then
            H2D(i) = notappl;
            H2M(i) = notappl;
            H2Y(i) = notappl;
          else
            H2D(i) = D506B;
            H2M(i) = M506B;
```

```
  H2Y(i) = Y506B;
endif;
{ DPT 1 }
H3(i) = vrec( D506D1, M506D1, Y506D1, A510E, A510F, 1 );
if H3(i) <> 1 then
  H3D(i) = notappl;
  H3M(i) = notappl;
  H3Y(i) = notappl;
else
  H3D(i) = D506D1;
  H3M(i) = M506D1;
  H3Y(i) = Y506D1;
endif;
{ POLIO 1 }
H4(i) = vrec( D506P1, M506P1, Y506P1, A510B, A510D, 1+(A510C=1) );
if H4(i) <> 1 then
  H4D(i) = notappl;
  H4M(i) = notappl;
  H4Y(i) = notappl;
else
  H4D(i) = D506P1;
  H4M(i) = M506P1;
  H4Y(i) = Y506P1;
endif;
{ DPT 2 }
H5(i) = vrec( D506D2, M506D2, Y506D2, A510E, A510F, 2 );
if H5(i) <> 1 then
  H5D(i) = notappl;
  H5M(i) = notappl;
  H5Y(i) = notappl;
else
  H5D(i) = D506D2;
  H5M(i) = M506D2;
  H5Y(i) = Y506D2;
endif;
{ POLIO 2 }
H6(i) = vrec( D506P2, M506P2, Y506P2, A510B, A510D, 2+(A510C=1) );
if H6(i) <> 1 then
  H6D(i) = notappl;
  H6M(i) = notappl;
  H6Y(i) = notappl;
else
  H6D(i) = D506P2;
  H6M(i) = M506P2;
  H6Y(i) = Y506P2;
endif;
{ DPT 3 }
H7(i) = vrec( D506D3, M506D3, Y506D3, A510E, A510F, 3 );
```

```
if H7(i) <> 1 then
  H7D(i) = notappl;
  H7M(i) = notappl;
  H7Y(i) = notappl;
else
  H7D(i) = D506D3;
  H7M(i) = M506D3;
  H7Y(i) = Y506D3;
endif;
{ POLIO 3 }
H8(i) = vrec( D506P3, M506P3, Y506P3, A510B, A510D, 3+(A510C=1) );
if H8(i) <> 1 then
  H8D(i) = notappl;
  H8M(i) = notappl;
  H8Y(i) = notappl;
else
  H8D(i) = D506P3;
  H8M(i) = M506P3;
  H8Y(i) = Y506P3;
endif;
{ MEASLES }
H9(i) = vrec( D506M, M506M, Y506M, A510G, (A510G=1), 1 );
if H9(i) <> 1 then
  H9D(i) = notappl;
  H9M(i) = notappl;
  H9Y(i) = notappl;
else
  H9D(i) = D506M;
  H9M(i) = M506M;
  H9Y(i) = Y506M;
endif;
{ POLIO 0 }
H0(i) = vrec( D506P0, M506P0, Y506P0, A510B, (A510C=1), 1 );
if H0(i) <> 1 then
  H0D(i) = notappl;
  H0M(i) = notappl;
  H0Y(i) = notappl;
else
  H0D(i) = D506P0;
  H0M(i) = M506P0;
  H0Y(i) = Y506P0;
endif;
{ Ever had vaccination }
H10(i) = YesNo( A509 );

{ Diarrhea recently }
if A514 = 1 then
  H11(i) = 2
```

```
elseif A514 = 8 then
  H11(i) = 8
elseif A514 = missing then
  H11(i) = missing
else
  H11(i) = 0
endif;
H11B(i)  = YesNo( A515 );
```