
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_22March2013_DHSG4.pdf and look at REC43 Health History. The sections are bookmarked. 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_Statistics_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.

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*****  
*****
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```
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;
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    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 );

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```

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 );
```
