Subject: Re: Missing BMI values in the DHS from 2011
Posted by Shireen-DHS on Fri, 23 Apr 2021 12:47:58 GMT
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Hello,

We do not have code on GitHub for glucose measurements.

To code the BMI in the PR file you can use the following CSPro code.

Best,
Shireen

```
  preg = 0;
      if SH231 = 2 then
        if pidx(SH230,2) <> 0 <=> SH234 >= 50 then errmsg("Age in HH=%d Age in
SH234=%d",HV105(SH230),SH234) endif;
        if pidx(SH230,2) <> 0 and HA65(pidx(SH230,2)) = 1 then
          if HA54(pidx(SH230,2)) = 1 then preg = 1; endif;      { currently pregnant for completed
interview }
        else
          if SH231 = 2 and SH232 = 1 then preg = 1; endif;      { if woman is not eligible/incomplete
interview }
        endif;
      endif;

{ BMI }
      if SH19(SH230) <> 0 then                    { If weight and height measurements were in the
women/men section }
        if SH231 = 2 and HA13(pidx(SH230,2)) = 0 then        { if woman measured }
          xbmi = HA40(pidx(SH230,2));
        elseif SH231 = 1 and HB13(pidx(SH230,1)) = 0 then    { if man measured }
          xbmi = HB40(pidx(SH230,1));
        endif;
      else
        if SHWH = 0 then xbmi = SHBM; endif;      { if weight and height measurements in
Biomarkers section }
      endif;

      recode xbmi    => nutrstat;
          1200-1849 => 0;      { Thin       }
          1850-2499 => 1;      { Normal     }
          2500-2999 => 2;      { Overweight }
          3000-6000 => 3;      { Obese      }
                    => 9;
      endrecode;
      if SH234C in 35:49 and SH231 = 2 and preg = 1 then nutrstat = 4; endif;
```