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Subject: Analyzing amenorrhea and contraceptive use patterns in SPSS

Posted by [DHS user](#) on Wed, 20 Feb 2013 17:01:02 GMT

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I want to replicate Tables 7.8 and 7.9 and I am using the UGIR52FL dataset. This is ideally to help me understand how this variable (postpartum amenorrhoeic) was computed. After this, am interested in getting the pattern of amenorrhoeic women in the last three years which I would like to cross tab with their contraceptive use.... to understand when these women resumed contraceptive use if at all they did.

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Subject: Re: Analyzing amenorrhea and contraceptive use patterns in SPSS

Posted by [Bridgette-DHS](#) on Wed, 20 Feb 2013 17:03:35 GMT

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Here is a response from one of our DHS experts Sarah Bradley, that should answer your question.

If you are analyzing women's amenorrhea and contraceptive use patterns, you are using the correct file, the women's Individual Recode file. But the tables you're trying to replicate are all Births in the last 3 years, which is difficult to calculate from the women's file. Using the woman-based (rather than birth-based, or M\$ variables) for postpartum amenorrhea is fairly straightforward, so I'll explain that first. Trying to match DHS tables is a great thing to do, though, so I'll explain how to match table 7.8 from the births file next and attach some SPSS syntax.

From the IR file, if you want the percentage of women who are amenorrhoeic among those women who gave birth in the last 36 months, you will need to

1. select those for whom  $v222 \leq 35$  (months since last birth begin from 0, so  $0-35 = 36$  months).
2. Weight the data by  $v005/1000000$ .
3. You can then use  $v405$ , currently amenorrhoeic, to capture the percentage of women who are currently amenorrhoeic.

From there, you can crosstab  $v405$  with contraceptive use and continue on your analysis!

If you do want to match tables 7.8 and 7.9, The easiest thing to do is use the UGKR52 or UGIR52 files, which are respectively the Kids Recode (births in the 5 years prior to survey) or Births Recode (all births) files. From the KR file, the steps to replicate the percentages amenorrhoeic, abstaining, and insusceptible are:

1. Weight the data by  $v005/1000000$ .
2. Calculate the age of children in months, and select only births in the last 36 months.
3. Exclude multiple births by selecting only singleton births or the last of multiple births ( $b0 <> 1$ ).
4. Calculate the percentage amenorrhoeic among only most recent births ( $MIDX=1$ ).

I'm attaching some code that shows how to do this. You can read more about these

calculations, and the description of smoothed averages used to calculate the median duration of amenorrhea, in the Guide to Statistics:  
<http://www.measuredhs.com/publications/publication-dhsg1-dhs-questionnaires-and-manuals.cfm>.

I hope this helps.

Bridgette-DHS

### File Attachments

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1) [Postpartum amenorrhea and insusceptability - UG52.sps](#),  
downloaded 1003 times

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