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Subject: Immunization Coverage

Posted by [Babs](#) on Fri, 05 Feb 2021 10:39:01 GMT

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Hi,

I am using the 2018 Nigerian Demographic Survey to assess immunization coverage among children age 12-23 months. However, the base (living children age 12-23 months) that I obtained from the dataset (5,992) was at variance with the value (6,143) in the final report (Page 237). Based on the guidance from the Standard Recode Manual for DHS7 (Page 79), I used the following syntax to get the number of living children age 12-23 months.

```
COMPUTE Age12_23= (RANGE (B19$01, 12,23) and B5$01 =1) OR (RANGE(B19$02, 12,23)
and B5$02 =1) OR (RANGE(B19$03, 12,23) and B5$03 =1).
EXECUTE.
```

I wouldn't know what I am doing wrong. I will appreciate your kind assistance.

Thank you.

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Subject: Re: Immunization Coverage

Posted by [Shireen-DHS](#) on Fri, 12 Feb 2021 13:45:18 GMT

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Hello,

You appear to be using the wrong data file. You should use the KR file and not the IR file since the unit of analysis is the child not the woman.

So you would only use B19 and B5 variables in the KR file. Selecting the cases as you have done with these two variables will get you a match after apply weights.

For any indicator listed in the Guide to DHS Statistics, you can also check our standardized code hosted on the GitHub site: <https://github.com/DHSProgram>

The code is available in SPSS and Stata. For vaccination this is chapter 10. Please read the readme file and the main file for chapter before running any code.

Thank you.

Best,  
Shireen Assaf  
The DHS Program

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Subject: Re: Immunization Coverage

Posted by [Babs](#) on Fri, 12 Feb 2021 14:26:01 GMT

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Hi Shireen:

Thank you so much for the feedback. I didn't realize I was using the wrong data file. And thank you for the link. I am very grateful.

Regards,  
Babs

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Subject: Re: Immunization Coverage

Posted by [Shireen-DHS](#) on Fri, 12 Feb 2021 15:14:00 GMT

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You're very welcome.

Best,  
Shireen

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