Subject: How to calculate mother's age at most recent birth (last birth) in BDHS 2011
Posted by sam07 on Tue, 10 Feb 2015 16:16:34 GMT
View Forum Message <> Reply to Message

Sir, I am interest to know how to calculate mother's age at most recent birth for Bangladesh DHS data set (2011) in SPSS/STATA

Subject: Re: How to calculate mother's age at most recent birth (last birth) in BDHS 2011
Posted by Bridgette-DHS on Wed, 11 Feb 2015 17:06:56 GMT
View Forum Message <> Reply to Message

Following is a response from Senior DHS Specialist, Noureddine Abderrahim:

You can use the CMC date of birth of the mother, which you will subtract from the CMC date of birth of the child (B3) divided by 12;

Agec = (V011-B3)/12.

An explanation of the CMC or century month code can be found in the DHS Recode Manual.

Subject: Re: How to calculate mother's age at most recent birth (last birth) in BDHS 2011
Posted by Hassen on Sun, 06 May 2018 13:44:05 GMT
View Forum Message <> Reply to Message

Thank you all!!

Subject: Re: How to calculate mother's age at most recent birth (last birth) in BDHS 2011
Posted by abpromiti on Fri, 01 Jun 2018 11:20:20 GMT
View Forum Message <> Reply to Message

hi,
i calculated mothers age at birth by
COMPUTE age1 = B3$01 - V011.
in spss.
but it gives values in cmc.
i want age1 as
<20yrs
20-29yrs
30-34yrs
>35yrs.

what can i do now?
pls help me.

Subject: Re: How to calculate mother's age at most recent birth (last birth) in BDHS 2011

Posted by Hassen on Fri, 01 Jun 2018 12:31:10 GMT

View Forum Message <> Reply to Message

Dear user, Maternal age at birth is computed as follow:
Maternal age at birth=(B3-V011)/12
For SPSS user, we have to follow the following steps:
1) Open your SPSS Data set
2)Click Transform
3) Click Compute Variable
4)Write your target variable in the target variable box
5) Write the numeric expression (equation)
=(B3-V011)/12 into the Numeric Expression box.
6) Click "Ok"
#Then to Categorized (Recode) this variable follow the following steps:
1)Click Transform
2)Click recode into Different Variable
3) Choose your target variable and move into input variable box
4) Write the output variable "Name & Label"
5) Click "Change"
6) Click "Old and New values"
7)Click "Range,LOWEST through value:Then write for example 19.999 value into the box to exclude the value "20" Then give the value as you want (for example "1") & add
for Range values,for example 20-29 years
Click "Range" write "20" through"29" Then give value for example "2" Then Add
You can do all by this step. ~Finally Click Continue.
It may help you!!
I am a new DHS Forum user,You can search other sources for SPSS and also DHS users & experts may add for you.
With Best Wishes,Hassen

Subject: Re: How to calculate mother's age at most recent birth (last birth) in BDHS 2011

Posted by Samia Aziz on Tue, 22 Sep 2020 02:12:55 GMT

View Forum Message <> Reply to Message

I am using BDHS 2014, Can you please guide me on how to generate variable for age of mothers at last birth? I use Stata.

Subject: Re: How to calculate mother's age at most recent birth (last birth) in BDHS 2011
Posted by Shireen-DHS on Tue, 22 Sep 2020 20:20:21 GMT
View Forum Message <> Reply to Message

Hello,
As described in the previous posts, you need the variables b3 and v011 to calculate mother's age at birth (if using BR or KR file). Below is the specific Stata code that creates three categories. You can recode to other categories using the same logic. If using the IR file you can use the same code but for the most recent birth b3_01 .

Best,

Shireen
The DHS Program


```
* mother's age at birth (years)
gen months_age=b3-v011
gen mageb=1 if months_age<20*12
replace mageb=2 if months_age>=20*12 & months_age<35*12
replace mageb=3 if months_age>=35*12
label define mageb 1"<20" 2"20-24" 3"35-49"
label values mageb mageb
```