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Subject: date of birth of last child - Rwanda 2005 men's survey

Posted by [schoumaker](#) on Fri, 14 Oct 2016 17:29:56 GMT

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Hello,

In the 2005 Rwanda men's survey datafile (RWMR41FL), I find three variables sm213m sm213y and sm213y related to the "date of the birth of the last child".

I think there is a mistake in the label, because I do not find any question on the date of birth of the last child in the questionnaire (there is one on age at first child), and the distribution of this variable is strange.

Could someone from DHS have a look at these variables in the RWMR41FL data file and let me know to which question they correspond ?

Thank you,

Best regards,

Bruno

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Subject: Re: date of birth of last child - Rwanda 2005 men's survey

Posted by [Bridgette-DHS](#) on Mon, 17 Oct 2016 15:43:08 GMT

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The Rwanda file you are referencing (RWMR41FL) is for the 2000 DHS, not 2005.

The variables SM213M and SM213Y are from Q213 in the Male questionnaire (in what month and year was your first child born?)

Please note that for country specific questions, the variables are generally named and coded in the same way as they were on the questionnaire. The variable will have a leading "SH" if the question was asked at the household level, a leading "S" if asked at the women's level, and a leading "SM" if asked at the men's level.

#### File Attachments

1) [SM213.jpg](#), downloaded 762 times

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Subject: Re: date of birth of last child - Rwanda 2005 men's survey

Posted by [schoumaker](#) on Mon, 17 Oct 2016 18:51:17 GMT

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Dear Bridgette - thank you for your reply. You are right, it is the 2000 DHS.

The issue however is that the question 213 is about the birth of the first child; however, the label of the variable for sm213y is "year of birth of the last child". And the distribution of sm213y indeed looks like the distribution of year of birth of the first child (see tabulation below).

Best regards,

Bruno Schoumaker

```
. use "C:\12.DATA\DHS\MR\RWMR41FL.DTA", clear
```

```
. tab sm213y
```

year of   birth of   last child	Freq.	Percent	Cum.
-----+-----			
1959	1	0.07	0.07
1961	6	0.44	0.51
1962	4	0.29	0.81
1963	2	0.15	0.95
1964	4	0.29	1.25
1965	5	0.37	1.61
1966	7	0.51	2.12
1967	7	0.51	2.64
1968	7	0.51	3.15
1969	11	0.81	3.96
1970	21	1.54	5.49
1971	10	0.73	6.23
1972	20	1.47	7.69
1973	21	1.54	9.23
1974	20	1.47	10.70
1975	18	1.32	12.01
1976	28	2.05	14.07
1977	16	1.17	15.24
1978	36	2.64	17.88
1979	40	2.93	20.81
1980	35	2.56	23.37
1981	47	3.44	26.81
1982	51	3.74	30.55
1983	38	2.78	33.33
1984	36	2.64	35.97
1985	43	3.15	39.12
1986	35	2.56	41.68
1987	45	3.30	44.98
1988	31	2.27	47.25
1989	48	3.52	50.77
1990	45	3.30	54.07
1991	44	3.22	57.29
1992	40	2.93	60.22
1993	51	3.74	63.96
1994	68	4.98	68.94

1995	68	4.98	73.92
1996	87	6.37	80.29
1997	76	5.57	85.86
1998	52	3.81	89.67
1999	86	6.30	95.97
2000	55	4.03	100.00

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Total	1,365	100.00	
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Subject: Re: date of birth of last child - Rwanda 2005 men's survey

Posted by [Bridgette-DHS](#) on Mon, 17 Oct 2016 18:57:12 GMT

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Thanks Bruno. I see your point, and we'll take another look and get back to you.

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Subject: Re: date of birth of last child - Rwanda 2005 men's survey

Posted by [Bridgette-DHS](#) on Tue, 18 Oct 2016 13:18:20 GMT

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Following is a response from Senior DHS Specialists, Tom Pullum & Trevor Croft:

Tom Pullum:

Quote:Hi Bruno! I wonder how you determined this? I did the following:

set more off

use e:\DHS\DHS\_data\IR\_files\RWIR41FL.dta, clear

\* youngest child has bidx\_k==1

\* oldest child has bord\_k=1

rename b\*\_0\* b\*\_\*

gen first\_cmc=.

gen last\_cmc=.

local li=1

while `li'<=20 {

replace first\_cmc=b3\_`li' if bord\_`li'==1

replace last\_cmc=b3\_`li' if bidx\_`li'==1

```
local li=`li'+1  
}
```

```
gen interval_survey_to_last=v008-last_cmc  
gen interval_survey_to_first=v008-first_cmc
```

```
tab v201, summarize(interval_survey_to_last) means  
tab v201, summarize(interval_survey_to_first) means
```

```
use e:\DHS\DHS_data\MR_files\RWMR41FL.dta, clear
```

```
gen interval=mv008-sm213c
```

\* Question: is the following closer to the first or second distribution above??  
tab mv201, summarize(interval) means

\* Answer: much closer to the second. Thus sm213\* refer to the first birth, not the last

So--I agree with you that the label should be changed and I will inform Data Processing. I wonder, however, whether the label is what they wanted and the calculation was done wrong. Good catch, as we say--Tom

Trevor Croft:

Quote:The men's questionnaire refers to the "premier enfant" (first child). The only problem is with the label.

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Subject: Re: date of birth of last child - Rwanda 2005 men's survey  
Posted by [schoumaker](#) on Tue, 18 Oct 2016 13:30:14 GMT  
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Thanks a lot to Trevor and Tom for the responses.  
I also think this just a problem with the label, but I wanted to make sure this is the case.  
Best regards,  
Bruno

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