Subject: Education, Turkey DHS
Posted by musti on Fri, 12 Dec 2014 12:31:04 GMT
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I have started using Turkey DHS 2008 recently. And I have read "recode manual" and "guide to DHS statistics". But i still did not get the difference between HV106$01, HV106$02, HV106$03. I know why the record is until HV106$35 because the max number of housholds in the questionare is 35. I have read your previous comments saying that these are multiple records and etc. But unfortunately i still did not get it. Therefore I put the descriptive statistics of first two occurance and I have the following questions.

1) Could you please tell me the difference in more details?
2) And what is 4, 5 and 6 in descriptive statistics? Because they are not defined in the data set. only no education, primary , secondary and higher education is definded.

The descriptive statistics of HV106$01.
Highest educational level:

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid No education, preschool	1373	13.0	13.1	13.1
Primary	4731	45.0	45.0	58.1
Secondary	3072	29.2	29.2	87.3
Higher	1190	11.3	11.3	98.7
4	12	.1	.1	98.8
5	8	.1	.1	98.8
6	79	.8	.8	99.6
DK	42	.4	.4	100.0
Total	10507	99.8	100.0	
Missing	9	18	.2	
Total	10525	100.0		

The descriptive statistics of HV106$02.
Highest educational level

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid No education, preschool	2492	23.7	25.1	25.1
Primary	4647	44.2	46.8	71.8
Secondary	680	6.5	6.8	78.7
Higher	541	5.1	5.4	84.1
4	350	3.3	3.5	87.6
5	85	.8	.9	88.5
6	1133	10.8	11.4	99.9
DK	10	.1	.1	100.0
Total	9938	94.4	100.0	
Missing	9	11	.1	
System	576	5.5		
Total	587	5.6		
Total	10525	100.0		

3) and what is the difference between the following education variables?
HV106$01=Highest Education Level
HV107$01=Highest year of Education.
HV108$01=Education in Single Years

I have read the definition of them but i still did not get it.

HV107$01=Highest year of Education. And Why are there 1431 missing here? and why is it until 8?

Highest year of education

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0	143	1.4	1.6	1.6
	1	524	5.0	5.8	7.3
	2	630	6.0	6.9	14.3
	3	2620	24.9	28.8	43.1
	4	807	7.7	8.9	51.9
	5	4256	40.4	46.8	98.7
	6	24	.2	.3	99.0
	7	69	.7	.8	99.8
	8	6	.1	.1	99.8
	DK	15	.1	.2	100.0
	Total	9094	86.4	100.0	
Missing	System	1431	13.6		
Total		10525	100.0		

I know these questions are very basic questions but to be honest i am trying to understand them for almost 2 weeks. Could you please help me about this? I would be very appraciate this.

Thank you in advance,

I am looking forward to hearing from you.

Subject: Re: Education, Turkey DHS
Posted by Trevor-DHS on Fri, 12 Dec 2014 23:50:56 GMT
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1) You are currently working with the HR (Household Recode) file, but if you are interested in statistics for the members of the household, and not for the household you probably should be working with the Persons Recode (PR) file. The difference as follows:

HR:
<..hhdata..><..data person for person $01..><..data person for person $02..><..data person for person $02..> ...
and there is one record per household.

PR:
<..hhdata..><..data person for person $01..>
<..hhdata..><..data person for person $02..>
<..hhdata..><..data person for person $03..>
...
and there is one record for each person in the household.

So, when you look at frequencies of HV106$01 you are looking at frequencies of the education data for the first person listed in each household, and HV106$02 provides the frequencies for the second person listed in each household, etc.
If you want frequencies for all household members together, use the PR file and use HV106 (without the $01, $02, etc.).

2) There is a mistake in the creation of HV106 for the Turkey DHS 2008. I would recommend looking at the original variables which can be found in SH16A and SH16B.

3) The Turkey 2008 dataset has some recoding problems in HV106, HV107, and HV108. However in general the variables have the following meaning:

HV106 - Highest level of education attended (note the word attended).
HV107 - Highest grade completed at the level in HV106 (note the word completed). A person can have attended a level, but never completed a grade at that level. For example, somebody who started secondary school but completed no grade at that level would be coded 2 on HV106 and 0 on HV107.
HV108 - Number of years of schooling, constructed from the information in HV106 and HV107. This combine the levels and grades to produce a total number of years of schooling, with an assumption as to the number of years of schooling received in lower levels. In general the calculation is as follows:

HV108 = HV107 if HV106==1 (Primary)
HV108 = HV107+p if HV106==2 (Secondary) (where p is a constant for the typical number of years of schooling at the level below, i.e. primary)
HV108 = HV107+p+s if HV106==3 (Higher) (where p is a constant for the typical number of years of schooling at primary level, and s is a constant for the typical number of years of schooling at secondary level).

Subject: Re: Education, Turkey DHS
Posted by musti on Sat, 13 Dec 2014 10:55:52 GMT
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Thank you very much for your answer.

If you please do not mind i would like to ask a few more questions :)

1) Turkey DHS 2008, which I obtained from Hacettepe University has only two data file. These are for houshold level file and ever married woman.

But the data set you normally provide has more sections. Could you please let me know how i can get data sets, which divides HR into PR and etc. and also Ever married into child data and etc. Beucause I am not sure you have TDHS 2008.

Or should i create these subsections by myself? If i am going to, could you please give me some tips about it?

2)I want to know the impact of mother`s education on vaccination of babies. so probably i need seperate child data from ever married woman, right?

3) and in the completed years of schooling variable, does 1 refer to primary school? and 2 to secondary school? and etc. because it is coded upto 8? can 8 be 8 years of schooling?? i do not think so, does it?

Thank you

Subject: Re: Education, Turkey DHS
Posted by Trevor-DHS on Tue, 16 Dec 2014 00:19:53 GMT
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1) You are right - the range of datasets we usually produce are not available for the Turkey DHS 2008. The Turkey DHS 2008 was conducted with only limited technical assistance from the DHS Program. We do not distribute datasets from this survey and have not created these datasets.

You can produce the datasets you need in different formats from the datasets you have. I'm not sure if you are using SPSS or Stata or some other software, but both SPSS and Stata have commands for rearranging the data. In SPSS you would use VARSTOCASES and in Stata you would use 'reshape long'.

2) Yes, that's correct.

3) For completed years of schooling (HV107 or SH16A), these variables give the number of years of schooling at the level specified in HV106 or SH16A respectively. You need to look at HV106 and HV107 together, or preferably SH16A and SH16B together.

. tab sh16b sh16a

Highest grade completed	Level of education							
	Primary s	Secondary	Primary e	High scho	Universit	Master	PhD	Total
< 1 year completed	113	84	823	538	347	0	0	1,905
1	202	400	988	1,088	521	0	0	3,199
2	368	245	920	744	943	0	0	3,220
3	522	1,882	1,016	4,621	252	0	0	8,293
4	287	0	879	187	1,467	0	0	2,820
5	10,340	0	1,072	0	34	0	0	11,446
6	0	0	834	0	31	0	0	865
7	0	0	792	0	1	0	0	793
8	0	0	1,358	0	0	0	0	1,358
Post graduate	0	0	0	0	0	113	34	147
DK	15	6	0	9	2	0	0	32
Total	11,847	2,617	8,682	7,187	3,598	113	34	34,078