
Subject: Child Discipline - Myanmar DHS 2015-2016
Posted by [Nyan Linn](#) on Wed, 09 Jun 2021 18:47:06 GMT
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Dear Sir, May I ask some questions for my data analysis.

1. Which variable should be used to identify the primary caregiver of the child selected for child discipline module? sh15a or sh149? Are those two variables same or different? Could you please explain me?

2. Using sampling weight

I want to investigate the factors predicting violent disciplinary practices towards the children in Myanmar using multiple logistic regression (binary logistic regression).

Unit of analysis is child selected for child discipline module.

I restrict cases sh148==hvidx .

Directly using sampling weight of PR file is correct or wrong. (For both descriptive statistics and for using in svy commands)

If wrong, how should I modify the weight?

(I found some suggestions to multiply the weight by number of children 2-14 years in the household)

Is it really needed to do?

If I need to do like that, could you please instruct me to get the number of children aged 2 to 14 years in a household.

Subject: Re: Child Discipline - Myanmar DHS 2015-2016
Posted by [Bridgette-DHS](#) on Thu, 10 Jun 2021 13:00:24 GMT
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Following is a response from DHS Research & Data Analysis Director, Tom Pullum:

After you have opened the PR file, enter the following lines:

```
egen negligible_children=total(sh11a), by(hv001 hv002)
gen child_wt=hv005*negligible_children if sh148==hvidx
```

```
keep if sh148==hvidx
```

```
tab sh15a sh149 if sh15a~=sh149,m
* sh15a is the correct variable for parent/caretaker
```

The first line will count up the number of eligible children in the household. You do need to weight up the selected child to be representative of all children in the household. The re-weighting is done in the second line. Then reduce the file to the selected children in the third line. The fourth line shows that there are only 43 selected children for whom there is a difference between sh15a and sh149, and it's clear from that table that sh15a is preferable. Let us know if you have other questions.

Subject: Re: Child Discipline - Myanmar DHS 2015-2016
Posted by [Nyan Linn](#) on Thu, 10 Jun 2021 14:11:55 GMT
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Dear Sir,
Thank you very much for your answer. If I have additional questions, I would like to request here.
With Best Regards
Nyan Linn

Subject: Re: Child Discipline - Myanmar DHS 2015-2016
Posted by [Nyan Linn](#) on Thu, 10 Jun 2021 16:14:17 GMT
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Dear Sir,
Thank you very much for your instructions.

May I ask some more questions, please? Because I have some unclear parts.

My thesis title is family and household characteristics and violent disciplinary practices towards children in Myanmar.
The unit of analysis will be children aged 2- 14 years selected for the child disciplinary module. Is it correct?
For the descriptive result of my thesis, I will have descriptive tables of individual and sociodemographic characteristics of the children, and the prevalence of different forms of disciplinary practices towards the children.

I want to reproduce Table 17.5 Child discipline and Table 17.6 Child discipline by background characteristics of Myanmar DHS report book (in my thesis).
Could you please guide me to reproduce Table 17.6 Child discipline by background characteristics of Myanmar DHS report book?

I found your instruction in this user forum to reproduce Table 17.5 as follows.

ta sh11a

```
keep if sh11a==1
keep if hv102==1
keep if sh148==hvidx
gen wt=hv005/1000000
```

```
ta sh150 [iw=wt]
ta sh151 [iw=wt]
ta sh152 [iw=wt]
ta sh153 [iw=wt]
ta sh154 [iw=wt]
ta sh155 [iw=wt]
ta sh156 [iw=wt]
ta sh157 [iw=wt]
ta sh158 [iw=wt]
ta sh159 [iw=wt]
ta sh160 [iw=wt]
```

```
gen discipline = 0
replace discipline=1 if sh150==1|sh151==1|sh152==1|sh153==1|sh154==1|sh155==1|sh156=
=1|sh157==1|sh158==1|sh159==1|sh160==1
ta discipline [iw=wt]
```

In the above instruction, you used `gen wt=hv005/1000000`.

But, in your instruction here, you make child weight .
`egen neligible_children=total(sh11a), by(hv001 hv002)`
`gen child_wt=hv005*neligible_children if sh148==hvidx`

So, if I use `child_wt`, the weight will be `gen wt=child_wt/1000000`. Right? If I use this weight, the weighted sample will be different from table 17.5 and table 17.6, right?

Could you explain to me why there are 2 weights and suggest to me which weight is more appropriate for my thesis?

Which weight should be used for my descriptive statistics?

Which weight should be used for `svy` command of my inferential statistics in simple logistic regression and binary logistic regression to find the predictors of different disciplinary practices?

Thank you very much, Sir, for explaining to me in detail.

With Deep Respect

Nyan Linn.

Subject: Re: Child Discipline - Myanmar DHS 2015-2016
Posted by [Bridgette-DHS](#) on Mon, 21 Jun 2021 00:51:23 GMT
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Following is a response by Senior DHS Staff, Trevor Croft and Tom Pullum:

The child discipline module was developed at UNICEF for MICS surveys. The MICS tabulation plan says the following: "The child discipline module is administered in both the Questionnaire for Children Under Five and the Questionnaire for Children Age 5-17. The module is administered for all children age 1-4, but only to one randomly selected child age 5-17 (if age 5-14). To account for the random selection, the household sample weight is multiplied by the total number of children age 5-17 in each household; this weight is used when producing data on 5-14 year old children in this table." The references to the age range are inconsistent, but in the Myanmar survey the age range was 5-14.

DHS should have followed the same procedures, and weighted up the responses from the randomly selected child. If it did not do so, that was an error. We are too busy with other activities at this time to look further into this question.