Subject: Number of graduates in a household
Posted by anand on Sun, 09 Apr 2023 07:24:16 GMT
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Hello DHS team,

I'm trying to get the "number of graduates in a household" using NFHS-5 data, categorised as "No Graduates", "1-2 graduates", ">2 graduates"
Here graduate means individuals with higher education.

I would be very grateful if anyone could help me in this regard.

Regards,

Subject: Re: Number of graduates in a household
Posted by Bridgette-DHS on Mon, 10 Apr 2023 23:31:00 GMT
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Following is a response from Senior DHS staff member, Tom Pullum:

First, what individual-level variable are you using to determine whether an individual is or is not a graduate? There are several variables related to education.

Subject: Re: Number of graduates in a household
Posted by anand on Tue, 11 Apr 2023 06:44:21 GMT
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Hi,

I'm using variable h108* "Education completed in single years" from HR file (NFHS-5)

Thank you

Subject: Re: Number of graduates in a household
Posted by Bridgette-DHS on Tue, 11 Apr 2023 13:21:43 GMT
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Following is a response from Senior DHS staff member, Tom Pullum:

The following Stata program will calculate this, using the HR file. I don't know how many years

would define "graduate", so I illustrate with 12 (that is, 12 or more completed years of schooling). You can alter that. You might want to take into account the size of the household (hv009) and whether the person is de jure, that is, a usual member of the household.

If this were done with the PR file, you would use the "egen" commands.

use "...IAHR7DFL.DTA"

* Calculate the number of household members who have Y or more years of schooling
* You may want to restrict to de facto or de jure household members

* Use hv108, completed number of years of schooling
* Special codes for hv108: 97=inconsistent and 98=DK

* Specify the threshold as a scalar, for example sY=12
scalar sY=12

* Initialize the household-level variable
gen ngraduates=0

* Remove leading 0's in the subscripts
rename *_0* *_*

* Households have up to 35 members. Loop through all of them.
quietly forvalues li=1/35 {
replace ngraduates=ngraduates+1 if hv108_`li'>=sY & hv108_`li'<97
}

tab ngraduates

Subject: Re: Number of graduates in a household
Posted by anand on Tue, 11 Apr 2023 13:40:32 GMT
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Thank you so much for your help Tom.