Subject: respondents not visiting health facility
Posted by Lincoln on Thu, 13 Oct 2022 09:46:28 GMT
View Forum Message <> Reply to Message

Dear forum members,

This is to request you to kindly share any example of calculating respondents who did not visit the health facility .

Regards
Lincoln

Subject: Re: respondents not visiting health facility
Posted by Bridgette-DHS on Thu, 13 Oct 2022 12:23:17 GMT
View Forum Message <> Reply to Message

From DHS staff member, Tom Pullum:

Users are asked to be more specific. A general answer to a general question like this will not be very helpful to you. What survey are you working with? Are you trying to match a table in a report? If so, which table?

Subject: Re: respondents not visiting health facility
Posted by Lincoln on Thu, 13 Oct 2022 13:11:19 GMT
View Forum Message <> Reply to Message

Dear Tom,

I was looking for Household variable in NFHS -5, which can guide me calculate the proportion of households who did or did not access health care in last three months. Similar to the table 11.20 which provides individual male/female information on percentage who visited to the health facility/camp in last three months, but at household level, not at individual level.

Regards
Lincoln

Subject: Re: respondents not visiting health facility
Posted by Bridgette-DHS on Mon, 17 Oct 2022 16:14:43 GMT
View Forum Message <> Reply to Message

Following is a response from DHS staff member, Tom Pullum:

You already asked about Table 11.20, in August. As I said then, this table is based on s361 and

s368 in the IR file, and sm320 in the MR file. The questions are about individuals, not households. To construct a household-level version, you would have to allow for the possibility that there are no women, or no men, in the household. There can be more than one women or more than one man. The individual women or men will give different responses. The men are in a 1/6 subsample of households. In the households for which men were not sampled, the household-level classification would depend solely on the responses for women.

I can help if you will be more specific. How about calculating the following?

"Percentage of households with at least one woman who had any contact with a health worker in the past 3 months"
"Percentage of households with at least one woman who visited a health facility or camp in the past 3 months"
"Percentage of households with at least one man who visited a health facility or camp in the past 3 months"

If that's what you want, I can show you how to do it.

Subject: Re: respondents not visiting health facility
Posted by Lincoln on Tue, 25 Oct 2022 13:06:25 GMT
View Forum Message <> Reply to Message

Dear Tom,

Many thanks for the kind response.

Please guide me in doing the calculations for the three indicators. I am using R.

Regards
Lincoln

Subject: Re: respondents not visiting health facility
Posted by Bridgette-DHS on Tue, 25 Oct 2022 16:42:39 GMT
View Forum Message <> Reply to Message

Following is a response from DHS staff member, Tom Pullum:

There are probably different ways to interpret what you want. The following Stata code estimates this: Out of all households with at least one "yes" or "no" response, what is the percentage that had at least one "yes". I don't use R but you should be able to translate this from Stata to R.

```
use "...IAIR7DFL.DTA" ,clear
gen reg=v024
```

```
gen cluster=v001
gen hh=v002
gen line=v003

gen s361_yes=1 if s361==1
gen s361_no =1 if s361==0

gen s368_yes=1 if s368==1
gen s368_no =1 if s368==0

* Collapse to get the numbers of yes and no responses within households
collapse (sum) s361_* s368_* (first) v005, by(reg cluster hh)

* The units of analysis are households with at least one woman who has a response to s361
tab s361_yes s361_no [iweight=v005/1000000]
gen    s361_yes_1plus=0 if s361_yes+s361_no>0
replace s361_yes_1plus=1 if s361_yes>1
tab s361_yes_1plus [iweight=v005/1000000]

* The units of analysis are households with at least one woman who has a response to s368
tab s368_yes s368_no [iweight=v005/1000000]
gen    s368_yes_1plus=0 if s368_yes+s368_no>0
replace s368_yes_1plus=1 if s368_yes>1
tab s368_yes_1plus [iweight=v005/1000000]



use "...IAMR7DFL.DTA", clear
gen reg=mv024
gen cluster=mv001
gen hh=mv002
gen line=mv003

gen sm320_yes=1 if sm320==1
gen sm320_no =1 if sm320==0

* Collapse to get the numbers of yes and no responses within households
collapse (sum) sm320_* (first) mv005, by(reg cluster hh)

* The units of analysis are households with at least one man who has a response to sm320
tab sm320_yes sm320_no [iweight=mv005/1000000]
gen    sm320_yes_1plus=0 if sm320_yes+sm320_no>0
replace sm320_yes_1plus=1 if sm320_yes>1
tab sm320_yes_1plus [iweight=mv005/1000000]
```

Subject: Re: respondents not visiting health facility
Posted by Lincoln on Tue, 25 Oct 2022 20:06:50 GMT
View Forum Message <> Reply to Message

Thanks.

Could manage to do it for the Men. Have problem with the women file. both for the facility and for meeting the health worker.

Regards
Lincoln

Subject: Re: respondents not visiting health facility
Posted by Lincoln on Wed, 26 Oct 2022 03:52:07 GMT
View Forum Message <> Reply to Message

Hi,

I am not very familiar with STATA, but it will be great if you can please share the full code for either 361 or 368. to create the table 11.20.

Regards
Lincoln

Subject: Re: respondents not visiting health facility
Posted by Bridgette-DHS on Wed, 26 Oct 2022 11:18:08 GMT
View Forum Message <> Reply to Message

Following is a response from DHS staff member, Tom Pullum:

I just re-ran the code and it works fine for me. Perhaps you have a typo or the wrong data file?

Subject: Re: respondents not visiting health facility
Posted by Lincoln on Wed, 26 Oct 2022 13:18:46 GMT
View Forum Message <> Reply to Message

I have re downloaded the data.

Please find attached the screen short.

I am still not able to generate the State wise table (Attached).

Regards
Lincoln

Subject: Re: respondents not visiting health facility
Posted by Bridgette-DHS on Wed, 26 Oct 2022 15:46:48 GMT
View Forum Message <> Reply to Message

Following is a response from DHS staff member, Tom Pullum:

I think the problem is that v024 (or other covariates) must be included in the "collapse" command, after "(first)". Otherwise the covariate is lost. The following should do what you want.

```
use "...IAIR7DFL.DTA",clear
gen reg=v024
gen cluster=v001
gen hh=v002
gen line=v003

gen s361_yes=1 if s361==1
gen s361_no =1 if s361==0

gen s368_yes=1 if s368==1
gen s368_no =1 if s368==0

* Collapse to get the numbers of yes and no responses within households
collapse (sum) s361_* s368_* (first) v005 v024, by(reg cluster hh)

* Must re-attach the values label after the collapse
label values v024 V024

* The units of analysis are households with at least one woman who has a response to s361
tab s361_yes s361_no [iweight=v005/1000000]
gen    s361_yes_1plus=0 if s361_yes+s361_no>0
replace s361_yes_1plus=1 if s361_yes>1
tab v024 s361_yes_1plus [iweight=v005/1000000], row
```

```
* The units of analysis are households with at least one woman who has a response to s368
tab s368_yes s368_no [iweight=v005/1000000]
gen     s368_yes_1plus=0 if s368_yes+s368_no>0
replace s368_yes_1plus=1 if s368_yes>1
tab v024 s368_yes_1plus [iweight=v005/1000000], row



use "...IAMR7DFL.DTA",clear
gen reg=mv024
gen cluster=mv001
gen hh=mv002
gen line=mv003

gen sm320_yes=1 if sm320==1
gen sm320_no =1 if sm320==0

* Collapse to get the numbers of yes and no responses within households
collapse (sum) sm320_* (first) mv005 mv024, by(reg cluster hh)

* Must re-attach the values label after the collapse
label values mv024 MV024

* The units of analysis are households with at least one man who has a response to sm320
tab sm320_yes sm320_no [iweight=mv005/1000000]
gen     sm320_yes_1plus=0 if sm320_yes+sm320_no>0
replace sm320_yes_1plus=1 if sm320_yes>1
tab mv024 sm320_yes_1plus [iweight=mv005/1000000], row
```

Subject: Re: respondents not visiting health facility
Posted by Lincoln on Thu, 27 Oct 2022 07:34:26 GMT
View Forum Message <> Reply to Message

I go the results. Many thanks for the kind support.

Regards
Lincoln