
Subject: NFHS 5 BMI in PR File of India
Posted by [Bandana](#) on Thu, 10 Aug 2023 16:28:09 GMT
[View Forum Message](#) <> [Reply to Message](#)

Dear DHS Forum,
I want to know to the meaning of '.a' in the score of BMI of household members in the PR file of NFHS 5 data of India. I have seen the DHS recode manual but it was not there. Please let me know the answer.

Thanking you,
Regards
Bandana Mondal

Subject: Re: NFHS 5 BMI in PR File of India
Posted by [Janet-DHS](#) on Tue, 15 Aug 2023 16:01:34 GMT
[View Forum Message](#) <> [Reply to Message](#)

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

I am looking at this file (IAPR7EFL.dta) and don't see what you are referring to. The only BMI variable is hc73, which refers to children. The label (HC73) includes the following special codes:

. label list HC73

HC73:

- 9996 height out of plausible limits
- 9997 age in days out of plausible limits
- 9998 flagged cases

I don't see ".a". Please be more specific.

Subject: Re: NFHS 5 BMI in PR File of India
Posted by [Bandana](#) on Tue, 15 Aug 2023 16:28:08 GMT
[View Forum Message](#) <> [Reply to Message](#)

In the PR file the body mass index of women are ha40 and body mass index of men are hb40. The observations of these two variables are lying between 1200 to around 5000. But some observations are given as '.a'. So my question is what the implication of '.a' for body mass index?

Subject: Re: NFHS 5 BMI in PR File of India
Posted by [Janet-DHS](#) on Mon, 21 Aug 2023 16:58:44 GMT
[View Forum Message](#) <> [Reply to Message](#)

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

I now see ha40 and hb40 but I do not see any non-numeric values such as ".a". Non-numeric values should not be possible, given the format of these variables. You can generate the bmi score for women using this Stata command: "gen bmi=(10^7)*ha2/(ha3^2) if ha2<9994 & ha3<9994". Similarly for men, using hb2 and hb3.

Subject: Re: NFHS 5 BMI in PR File of India
Posted by [Bandana](#) on Wed, 23 Aug 2023 03:03:31 GMT
[View Forum Message](#) <> [Reply to Message](#)

Thank you for your suggestion. I shall definitely try it out.

Subject: Re: NFHS 5 BMI in PR File of India
Posted by [Riesterscare](#) on Mon, 25 Sep 2023 07:01:58 GMT
[View Forum Message](#) <> [Reply to Message](#)

Bandana wrote on Thu, 10 August 2023 12:28Dear DHS Forum,
I want to know to the meaning of '.a' in the score of BMI of household members in the PR file of NFHS 5 data of India. I have seen the DHS recode manual but it was not there. Please let me know the answer.

Thanking you,
Regards
Bandana Mondal
;)

Subject: Re: NFHS 5 BMI in PR File of India
Posted by [AkhilK28](#) on Thu, 25 Apr 2024 17:49:50 GMT
[View Forum Message](#) <> [Reply to Message](#)

Hi Tom,

When working with male and female BMI data in the PR data for NFHS-5, there are observations coded with ".a"

Running this code in the PR file: br ha40 if ha40==.a results in 54,874 observations

I was wondering the difference between ".a", ".", and "flagged" observations in BMI for men and women.

All three types are classified as missing (collectively being ~7% for Women and ~15% for Men) but are there any specific meanings behind these?

Best,

Subject: Re: NFHS 5 BMI in PR File of India
Posted by [Janet-DHS](#) on Tue, 30 Apr 2024 20:42:54 GMT
[View Forum Message](#) <> [Reply to Message](#)

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

Yes, there are cases, for some variables, not just ha40, with the code ".a" . This is just some kind of coding error and can be treated as equivalent to "." or NA. You can identify them, recode them to NA, and then confirm the recode, with the following three lines in Stata:

```
tab ha40 if ha40>=.,m
```

```
replace ha40=. if ha40>.
```

```
tab ha40 if ha40>=.,m
```
