
Subject: NFHS 5 Children Recode
Posted by [vishal_k](#) on Fri, 15 Mar 2024 06:03:20 GMT
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In NFHS 5, within the Women Questionnaire Module, section 499M pertains to querying respondents about the liquids or foods consumed by their child, as indicated in section 499L, during the preceding day or night. This inquiry extends to instances where the mentioned item was consumed alongside other foods.

This section is specifically administered if the child is under 2 years old and if the mother has at least one child born in 2017 or later who resides with her.

However, I've observed data related to questions 499M-A to 499M-A for children older than 2 years in the children recode data file. This raises the question of why this data is present, given the stipulated age criterion.

Please explain

Subject: Re: NFHS 5 Children Recode
Posted by [fred.arnold@icf.com](#) on Fri, 15 Mar 2024 13:49:45 GMT
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As you can see in Table 10.19 in the final national report, the table correctly includes only the youngest children living with their mother. Note that the NFHS-5 fieldwork was conducted in two separate phases. In the first phase of the fieldwork, the child feeding questions were asked only if the woman has at least one child born in 2017 or later and living with her. In the second phase of the fieldwork, the child feeding questions were asked only if the woman has at least one child born in 2018 or later. Therefore, there is not one calendar year that covers both phase 1 and phase 2. However, Table 10.19 takes into account information from both Phase 1 and Phase 2.

Subject: Re: NFHS 5 Children Recode
Posted by [Bridgette-DHS](#) on Mon, 18 Mar 2024 11:14:19 GMT
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Here's an additional response from Senior DHS Staff member, Tom Pullum:

There are many parts of the questionnaire in which decisions about cutoffs and eligibility must be applied during data processing, that is, during the construction of the indicator. You have to discard those extra cases by coding the indicator as "NA" (a dot in Stata) for them. I would expect that the cases you have identified are very close to the boundary for 2 years of age.

Sometimes the questionnaire is intentionally designed to bring in more cases than necessary, in order to avoid leaving it to the fieldworkers to make crucial decisions about eligibility. DHS tries to balance that concern against minimizing the amount of data that will have to be discarded.

Yes, I see that for v413 (for example), most (about 70%) of the responses are for age<2 years but about 30% are for age 2 to 4. There is probably a reason why there are so many responses for children aged 2-4 but I cannot take the time to go down that rabbit hole. I hope another user can help with your question.

Subject: Re: NFHS 5 Children Recode

Posted by [vishal_k](#) on Wed, 20 Mar 2024 05:18:01 GMT

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I've observed a noteworthy volume of records extending from 24 months up to 59 months of age for a specific variable in my sample (- v409- indicating whether a child was given plain water). Below, you'll find the tabulated results generated from Stata. Within the age bracket of 24 to 59 months, there are 35,672 records available, which signifies a substantial quantity. This prompts the question: given that the survey was conducted using an online CATI method where skip logic should have been applied for subsequent questions, how did so many entries manage to be recorded?

Result of state output

```
. tab hw1 v409
```

| child's | gave child plain water | | | |
|---------|------------------------|-------|-----------|-------|
| age in | no | yes | don't kno | Total |
| months | | | | |
| 0 | 2,897 | 471 | 1 | 3,369 |
| 1 | 3,235 | 635 | 1 | 3,871 |
| 2 | 3,147 | 774 | 6 | 3,927 |
| 3 | 2,938 | 969 | 0 | 3,907 |
| 4 | 2,774 | 1,278 | 0 | 4,052 |
| 5 | 2,040 | 1,617 | 1 | 3,658 |
| 6 | 1,563 | 2,275 | 1 | 3,839 |
| 7 | 1,043 | 2,506 | 1 | 3,550 |
| 8 | 771 | 2,668 | 0 | 3,439 |
| 9 | 709 | 2,907 | 0 | 3,616 |
| 10 | 624 | 2,872 | 1 | 3,497 |
| 11 | 521 | 3,078 | 1 | 3,600 |
| 12 | 556 | 3,434 | 1 | 3,991 |
| 13 | 504 | 3,387 | 2 | 3,893 |
| 14 | 448 | 3,250 | 1 | 3,699 |
| 15 | 410 | 3,112 | 0 | 3,522 |

| | | | | |
|----|-----|-------|---|-------|
| 16 | 511 | 3,268 | 0 | 3,779 |
| 17 | 447 | 3,106 | 1 | 3,554 |
| 18 | 480 | 3,183 | 0 | 3,663 |
| 19 | 419 | 3,002 | 1 | 3,422 |
| 20 | 451 | 2,961 | 1 | 3,413 |
| 21 | 465 | 2,859 | 0 | 3,324 |
| 22 | 484 | 2,996 | 1 | 3,481 |
| 23 | 539 | 2,889 | 0 | 3,428 |
| 24 | 280 | 355 | 0 | 635 |
| 25 | 299 | 288 | 0 | 587 |
| 26 | 317 | 348 | 1 | 666 |
| 27 | 329 | 392 | 0 | 721 |
| 28 | 391 | 387 | 0 | 778 |
| 29 | 342 | 503 | 0 | 845 |
| 30 | 357 | 548 | 0 | 905 |
| 31 | 269 | 534 | 0 | 803 |
| 32 | 302 | 534 | 0 | 836 |
| 33 | 314 | 605 | 0 | 919 |
| 34 | 319 | 623 | 0 | 942 |
| 35 | 347 | 633 | 0 | 980 |
| 36 | 334 | 800 | 0 | 1,134 |
| 37 | 342 | 779 | 0 | 1,121 |
| 38 | 307 | 824 | 0 | 1,131 |
| 39 | 304 | 812 | 0 | 1,116 |
| 40 | 302 | 857 | 0 | 1,159 |
| 41 | 330 | 909 | 4 | 1,243 |
| 42 | 350 | 921 | 0 | 1,271 |
| 43 | 316 | 866 | 0 | 1,182 |
| 44 | 287 | 760 | 0 | 1,047 |
| 45 | 266 | 816 | 0 | 1,082 |
| 46 | 273 | 799 | 0 | 1,072 |
| 47 | 288 | 811 | 0 | 1,099 |
| 48 | 302 | 813 | 1 | 1,116 |
| 49 | 284 | 813 | 0 | 1,097 |
| 50 | 299 | 765 | 0 | 1,064 |
| 51 | 307 | 746 | 0 | 1,053 |
| 52 | 300 | 769 | 1 | 1,070 |
| 53 | 288 | 788 | 2 | 1,078 |
| 54 | 285 | 795 | 0 | 1,080 |
| 55 | 295 | 785 | 0 | 1,080 |
| 56 | 275 | 692 | 0 | 967 |
| 57 | 273 | 710 | 0 | 983 |
| 58 | 256 | 677 | 0 | 933 |
| 59 | 239 | 638 | 0 | 877 |

| | | | | |
|-------|--------|--------|----|---------|
| Total | 38,944 | 84,192 | 30 | 123,166 |
|-------|--------|--------|----|---------|

```
. tabstat v409 if hw1>23, stat (count) by (hw1)
```

Summary for variables: v409

Group variable: hw1 (child's age in months)

| hw1 | N |
|-------------|-------|
| -----+----- | |
| 24 | 635 |
| 25 | 587 |
| 26 | 666 |
| 27 | 721 |
| 28 | 778 |
| 29 | 845 |
| 30 | 905 |
| 31 | 803 |
| 32 | 836 |
| 33 | 919 |
| 34 | 942 |
| 35 | 980 |
| 36 | 1134 |
| 37 | 1121 |
| 38 | 1131 |
| 39 | 1116 |
| 40 | 1159 |
| 41 | 1243 |
| 42 | 1271 |
| 43 | 1182 |
| 44 | 1047 |
| 45 | 1082 |
| 46 | 1072 |
| 47 | 1099 |
| 48 | 1116 |
| 49 | 1097 |
| 50 | 1064 |
| 51 | 1053 |
| 52 | 1070 |
| 53 | 1078 |
| 54 | 1080 |
| 55 | 1080 |
| 56 | 967 |
| 57 | 983 |
| 58 | 933 |
| 59 | 877 |
| -----+----- | |
| Total | 35672 |
