

# Understanding Society User Support - Support #56

## BHPS Variable problem

05/25/2012 01:47 PM - IAN ALCOCK

<b>Status:</b>	Closed	<b>Start date:</b>	05/25/2012
<b>Priority:</b>	Normal	<b>% Done:</b>	100%
<b>Assignee:</b>	Redmine Admin		
<b>Category:</b>	Data analysis		

### Description

I have a problem understanding the data for the BHPS variable on asthma, wHLPRXE, which is available for waves K and P only. This variable is routed through the all waves variable on Health problems: Chest/breathing wHLPRBE.

At wave K the asthma variable KHLPRXE is routed: if KMEMORIG==1-4 & KHLPRBE==1; if from the BHPS/ECHP sample and R has chest/breathing problems. KHLPRXE has 1404 valid yes/no response (+ 3 cases missing). BUT, KHLPRBE has 1464 cases which meet the condition for being routed to KHLPRXE; i.e. there are 1464 cases KMEMORIG=1-4 & KHLPRBE=1. (A cross tab of KMEMORIG and KHLPRBE if KHLPRBE==1 shows that of the 2542 cases KHLPRBE=1, OS=1172, and ECHP categories=143, 126 and 23; total=1464.) So where are the other 60 (or perhaps 57) who do not have a response to KHLPRBE?

The numbers do not seem to add up logically at wave P either. At wave P the asthma variable is routed: if PHLPRBE==1; if R has chest/breathing problems. KHLPRXE has 1969 valid yes/no response (+ 2 cases missing / don't know). BUT PHLPRBE has 2010 cases which meet the condition for being routed to PHLPRXE; i.e. there are 2010 cases PHLPRBE=1. So where are the other 41 (or perhaps 39) who do not have a response to PHLPRXE?

Is this a routing statement problem, or have I missed something? Thanks in advance

### History

#### #1 - 06/26/2012 12:19 PM - Redmine Admin

- Category set to Data analysis
- Status changed from New to In Progress
- Assignee set to Redmine Admin
- Target version set to BHPS
- % Done changed from 0 to 40

Ian,

First of all apologies for not getting back to you earlier (the good news is that we preparing more UKHLS data for release). Key to this question seems to be the proxy responses to khlprbe (-7) and a few that look as if there were wrongly coded as missing (-9).

```
. table kmemorig khlprbe khlprxe, row
```

```
-----
-----
sample |
origin: |
original |
blems: chest/breathing suffer asthma attacks/ short of breath and health pro
bhps or | ----- -9 ----- -8 ----- -7 -----
----- 1 ----- 2 -----
echp | -9 -8 0 1 -9 -8 0 1 -9 -8 0 1
-9 -8 0 1 -9 -8 0 1
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-----
1 | 7,460 1 71 232 42
776 354
2 | 532 6 20 8
94 41
3 | 508 3 20 6
89 31
4 | 133 1 2 6 1
15 4
5 | 1,992 357 20 64 16
6 | 2,105 314 4 66 12
```

7				4	2,891	363		100	84	16
Total			3	4	15,621	1,034	2	206	492	101
		974			430					

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Jakob

**#2 - 07/04/2012 11:22 AM - Redmine Admin**

- Status changed from *In Progress* to *Closed*
- % Done changed from 40 to 100