

## Understanding Society User Support - Support #2107

### Query related to Understanding society data (UKHLS)

05/16/2024 02:47 PM - Saddam Naaz Akhtar

<b>Status:</b>	Resolved	<b>Start date:</b>	05/16/2024
<b>Priority:</b>	Normal	<b>% Done:</b>	100%
<b>Assignee:</b>	Understanding Society User Support Team		
<b>Category:</b>	Data analysis		
<b>Description</b>			
Dear Madam/Sir,			
I hope this mail finds you well.			
My name is Dr Saddam Naaz Akhtar, a research fellow at the University of Southampton. I would like to inform you that I am using the understanding society data. I have two queries are as follow:			
1. In the wave 6, the variable "jbpen": (pension-employer runs a pension scheme), the proportion of employer runs a pension scheme is very low compared to the all there wave. In case of trend analysis, there is a striking drop down in the wave 6. Can you please explain why? or any possible reasons. Is there any change in survey design?			
2. The variable total earnings "prearn" shows more than 98% inapplicable categories in all the wave. Can you please explain why? And I want to calculate the average earnings annually and average earnings weekly.			
Thank you.			
Kind regards, Saddaf			

#### History

##### #1 - 05/16/2024 04:41 PM - Understanding Society User Support Team

- File *Employer runs a pension scheme by wave.png* added
- File *jbpen\_forum.do* added
- Priority changed from *Urgent* to *Normal*
- % Done changed from 0 to 80

Dear Saadaf,

1. I checked the frequencies for *jbpen* and I couldn't find a drop in wave 6 (see the figure attached).
2. This is because this question is asked only of proxy respondents (Sometimes when a person cannot participate in the interview, someone else in the household (generally their spouse or partner or adult children) answers questions on their behalf, that is, by proxy. This questionnaire is a much shorter questionnaire asking factual information.)

Please check the list of available income variables here

<https://www.understandingsociety.ac.uk/documentation/mainstage/user-guides/main-survey-user-guide/derived-income-variables/>, you might also want to have a look at this paper <https://understandingsociety.ac.uk/wp-content/uploads/working-papers/2019-08.pdf>

I hope it helps.

Best wishes,  
Piotr Marzec  
UKHLS User Support

##### #2 - 05/16/2024 05:03 PM - Saddam Naaz Akhtar

Dear Piotr,

Thank you very much for the quick response.

1. I have added filter with the variable "jbpen": (pension-employer runs a pension scheme).

*jbhas==1* (Those who are in paid work last week)

then  
jbsemp==1 (Those who are paid in last week and employee)

and then...  
jbpen==1

then I am cross tabulating with waves (sorting by ethnicity).

The trend line says that there is a drop in wave 6

**#3 - 05/16/2024 05:16 PM - Saddam Naaz Akhtar**

Dear Piotr,

I forgot to inform you that I am looking for 45-64 years adults. Please use this filter too.

Thank you.

**#4 - 05/17/2024 11:46 AM - Understanding Society User Support Team**

- *Private changed from Yes to No*

Dear Saddam,

Would you be able to share with me your output and the code creating it, please? I want to make sure we are looking at the same results.

Many thanks,  
Piotr  
UKHLS User Support

**#5 - 05/17/2024 11:53 AM - Understanding Society User Support Team**

- *Status changed from New to Feedback*

**#6 - 05/17/2024 02:25 PM - Saddam Naaz Akhtar**

- *File wave 6 query.do added*

Dear Piotr,

The do file is attached to this mail.

Please find the attachment.

Thank you.

Kind regards,  
Saddaf

**#7 - 05/23/2024 11:48 AM - Understanding Society User Support Team**

- *File fig 1. jbpen by wave\_filtered sample\_unweighted.png added*
- *File fig 2. jbpen by wave\_filtered sample\_weighted.png added*
- *File fig 3. jbpen by wave&ethnicity\_filtered sample\_unweighted.png added*
- *File jbpen\_forum2.do added*

Dear Saddam,

I'm not sure which part of your syntax shows the issue, but I think that the last command in the file will not show you the correct results since it includes in the calculation the zeros from the waves in which this question was not asked. I checked the frequencies with your filters on and haven't found a drop in wave 6 (Figs. 2 and 3). You mentioned ethnicity in your post, so I also checked the jbpen distribution, including a breakdown by ethnicity (Fig. 3), and the overall increasing trend still holds. If you need population estimates, you'll need to weight the data in Figure 3, though you need to remember that the sample sizes for some groups with the filters on are tiny and so the point estimates can be inaccurate.

I hope this answers your question.

Best wishes,  
Piotr Marzec,  
UKHLS User Support

**#8 - 05/23/2024 12:58 PM - Saddam Naaz Akhtar**

Dear Piotr,

Thank you very much for all your hard work. I have corrected my estimates.

Many thanks.

Kind regards,  
Saddaf

**#9 - 05/23/2024 01:56 PM - Understanding Society User Support Team**

- % Done changed from 80 to 90

Dear Saddaf,

Great! I am glad the issue has been resolved and my answer is helpful.

Best wishes,  
Piotr

**#10 - 05/23/2024 01:57 PM - Saddaf Naaz Akhtar**

Dear Piotr,

Thank you very much.

Great help.

Kind regards,  
Saddaf

**#11 - 07/16/2024 04:36 PM - Understanding Society User Support Team**

- Status changed from Feedback to Resolved

- % Done changed from 90 to 100

**Files**

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jopen_forum.do	1011 Bytes	05/16/2024	Understanding Society User Support Team
Employer runs a pension scheme by wave.png	51.3 KB	05/16/2024	Understanding Society User Support Team
wave 6 query.do	1.24 KB	05/17/2024	Saddaf Naaz Akhtar
fig 1. jopen by wave_filtered sample_unweighted.png	57.1 KB	05/23/2024	Understanding Society User Support Team
fig 2. jopen by wave_filtered sample_weighted.png	57.8 KB	05/23/2024	Understanding Society User Support Team
fig 3. jopen by wave&ethnicity_filtered sample_unweighted.png	101 KB	05/23/2024	Understanding Society User Support Team
jopen_forum2.do	6.78 KB	05/23/2024	Understanding Society User Support Team