

# Understanding Society User Support - Support #1677

## Covid Wave cx\_age variable inconsistencies

04/07/2022 11:49 AM - Richard Shaw

<b>Status:</b>	Resolved	<b>Start date:</b>	04/07/2022																																																																		
<b>Priority:</b>	Normal	<b>% Done:</b>	100%																																																																		
<b>Assignee:</b>	Understanding Society User Support Team																																																																				
<b>Category:</b>	COVID-19																																																																				
<b>Description</b>																																																																					
I have noticed a few inconsistencies with the derived cx_age variables. For example if ages are listed where ca_age > ch_age.																																																																					
<table border="1"><thead><tr><th></th><th>pidp</th><th>ca_age</th><th>cb_age</th><th>cc_age</th><th>cd_age</th><th>ce_age</th><th>cf_age</th><th>cg_age</th><th>ch_age</th><th></th></tr></thead><tbody><tr><td>25125.</td><td>1156032651</td><td></td><td>45</td><td>.</td><td>.</td><td>.</td><td>.</td><td>.</td><td>.</td><td>36</td></tr><tr><td>26501.</td><td>1224193807</td><td></td><td>56</td><td>55</td><td>.</td><td>.</td><td>.</td><td>.</td><td>.</td><td>55</td></tr><tr><td>28127.</td><td>1292924127</td><td></td><td>63</td><td>61</td><td>62</td><td>62</td><td>62</td><td>62</td><td>62</td><td>62</td></tr><tr><td>30217.</td><td>1428717411</td><td></td><td>114</td><td>.</td><td>.</td><td>.</td><td>.</td><td>40</td><td>40</td><td>40</td></tr><tr><td>30997.</td><td>1496121727</td><td></td><td>80</td><td>71</td><td>71</td><td>71</td><td>71</td><td>71</td><td>71</td><td>72</td></tr></tbody></table>					pidp	ca_age	cb_age	cc_age	cd_age	ce_age	cf_age	cg_age	ch_age		25125.	1156032651		45	.	.	.	.	.	.	36	26501.	1224193807		56	55	.	.	.	.	.	55	28127.	1292924127		63	61	62	62	62	62	62	62	30217.	1428717411		114	.	.	.	.	40	40	40	30997.	1496121727		80	71	71	71	71	71	71	72
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I have done a few other comparisons, and there is the odd anomaly of a year, and the only big discrepancies seem to be related to ca_age.																																																																					
There are few solutions to it. But I thought people should know.																																																																					

### History

#### #1 - 04/07/2022 05:34 PM - Understanding Society User Support Team

- Category set to COVID-19
- Status changed from New to In Progress
- Assignee set to Understanding Society User Support Team
- Private changed from Yes to No

Many thanks for your enquiry. The Understanding Society team is looking into it and we will get back to you as soon as we can.

We aim to respond to simple queries within 48 hours and more complex issues within 7 working days.

Best wishes,  
Understanding Society User Support Team

#### #2 - 04/08/2022 03:22 PM - Understanding Society User Support Team

- Status changed from In Progress to Feedback
- % Done changed from 0 to 80

This inconsistency is due to the fact that in the April 2020 web survey, there were 433 full and 49 partial respondents, who entered a date of birth or sex that did not match the information we hold on the sample file. Respondents whose identity we were able to confirm (n=309) have been added back into the April 2020 data, from the 4th edition of the COVID-19 data onwards. These respondents are identified by the variable "ca\_pidpcorrected" in the ca\_indresp\_w file and the xsample file - all pidps you reported above are such respondents ca\_indresp\_w=3 "Medium dob match, sex match". You can see section 6.1 Wave 1 web survey, page 11 in the Covid-19 User Guide for further details (<https://www.understandingsociety.ac.uk/sites/default/files/downloads/documentation/covid-19/user-guides/covid-19-user-guide.pdf>).

Thank you for highlighting this issue, we will try to include more on how this error affects the cw\_age variable in the study documentation.

Best wishes,  
Understanding Society User Support Team

#### #3 - 06/06/2022 08:40 PM - Understanding Society User Support Team

- Status changed from Feedback to Resolved
- % Done changed from 80 to 100