

Choose a correct weight for analysis

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Status:	Feedback	Start date:	12/30/2025
Priority:	Normal	% Done:	50%
Assignee:	Understanding Society User Support Team		
Category:	Weights		

Description

Hi team,

Happy New Year!

Weights for analysis using adult main and proxy interviews

Wave(s) / Years representing	Waves available in	Data source	Analysis Weight
Cross-sectional weights			
1	1	Adult main and proxy interview (GPS, EMBS)	a_indpxus_xw
w#	2 – 6	Adult main and proxy interview (BHPS, GPS, and EMBS)	w_indpxub_xw
w#	6 – 13	Adult main and proxy interview (BHPS, GPS, EMBS and IEMBS)	w_indpxui_xw
w#	14	Adult main and proxy interview (BHPS, GPS, EMBS, IEMBS and GPS2)	w_indpxg2_xw
Longitudinal weights			
1+	2+	Adult main and proxy interview	w_indpxus_lw
2+	3+	Adult main and proxy interview (BHPS, GPS and EMBS since 2010-2011)	w_indpxub_lw
6+	7+	Adult main and proxy interview (BHPS, GPS, EMBS and IEMBS since 2014- 2015)	w_indpxui_lw
#w reflects that these weights represent a specific wave Note: From Wave 15 proxy and self-completion cross-sectional and g2_lw longitudinal weights are discontinued. This is a result of negligible nonresponse difference between main adult interview uptake, proxy and self-completion uptake. Thus, those interested in proxy or self-completion questionnaire analysis starting from Wave 15 onwards should use *indin** main adult questionnaire weight. Note also, that for longitudinal analysis using previous waves you would still need to use proxy or self-completion weights respectively. This is related to the nonresponse difference that occurred in previous waves.			

The rules are described below.

Wave letter	Who are you studying?	Which questions(naire)?	Which sample/timeline?	Analysing one wave or across waves?
w_ (a to n)	Xxx (Hhold or individual)	Yy (instrument)	Zz (samples cover different waves)	aa (cross-sectional/longitudinal)
a_	hhd: household	en: enumeration	us: GPS & EMB (W1>)	xw: cross-sectional analysis weight
b_	psn: persons 0+	in: interview	bh: BHPS (W2>)	lw: longitudinal weight
c_	ind: persons 16+	px: interview or proxy	ub: GPS, EMB & BHPS (W2-W5)	xd: x-sectional design weight
d_	yth: persons 10-15	5m: "extra 5 minutes"	ui: GPS, EMB, BHPS & IEMB (W6>)	li: longitudinal inclusion weight
e_		sc: self-completion		
f_			g2: BHPS, GPS, EMB, IEMB and GPS2 (W14>)	
g_			91: BHPS original sample (91> excl. N.I.)	
			01: BHPS original sample + boosts	

Best,
Bing

Which specific Wave 14 *_lw weight you should use depends on the instrument and the level of analysis. For example, if you are analysing individuals using the individual questionnaire, you should use o_inding2_lw. This is the most comprehensive longitudinal individual weight, as it has all UKHLS samples (i.e., GPS, EMBS, BHPS, IEMBS, and GPS2).

I hope this information is helpful

Best wishes,
Roberto Cavazos
Understanding Society User Support Team

Files

screenshot1.png	281 KB	12/30/2025	Bingqing Guo
screenshot2.png	443 KB	12/30/2025	Bingqing Guo