

Weight variables for analyses using household grid or household interview

Analysis level	Wave(s) / Years representing	Wave starts from	Data source	Analysis Weight
Household	1		Household grid and/or household interview	<i>a_hhdenus_xw</i>
Household	<i>N</i>	2	Household grid and/or household interview (BHPS, GPS and EMB)	<i>n_hhdenub_xw</i>
Individual	1		Household grid and/or household interview	<i>a_psnenus_xw</i>
Individual	<i>N</i>	2-5	Household grid and/or household interview (BHPS, GPS and EMB)	<i>n_psnenub_xw</i>
Individual	<i>N</i>	6	Household grid and/or household interview (BHPS, GPS, EMBS and IEMBS)	<i>n_psnenui_xw</i>
Individual	1+	2	Household grid and/or household interview (GPS and EMB)	<i>n_psnenus_lw</i>
Individual	1991+	2	Household grid and/or household interview (BHPS, GB 1991)	<i>n_psnen91_lw</i>
Individual	2001+	2	Household grid and/or household interview (BHPS, UK 2001)	<i>n_psnen01_lw</i>
Individual	2+	3	Household grid and/or household interview (BHPS, GPS and EMBS since 2010-2011)	<i>n_psnenub_lw</i>
Individual	6+	7	Household grid and/or household interview (BHPS, GPS, EMBS and IEMB since 2014-2015)	<i>n_psnenui_lw</i>
<p>Note: Data users should be aware of a change in the definition of the cross-sectional population represented by the Study at Wave 6. From Wave 6, the sample is representative of people who have lived continuously in the UK since 2014-15, i.e., recent immigrants are now included. We suggest that all cross-sectional analysis uses the weight <i>n_psnenui_lw</i> which incorporates these new immigrants. At Waves 1 to 5, the sample is representative of people who have lived continuously in the UK since 2009-10. For special situations when a user wants to represent this population cross-sectionally in later waves the weight <i>n_psnenub_xw</i> should be used.</p>				

Weights for analysis using adult main and proxy interviews

Wave(s) / Years	Wave starts	Data source	Analysis Weight
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representing	from		
1		Adult main and proxy interview	a_indpxus_xw
2		Adult main and proxy interview	b_indpxus_xw
2		Adult main and proxy interview (BHPS)	b_indpxbh_xw
<i>N</i>	2 - 5	Adult main and proxy interview (BHPS, GPS and EMBS)	<i>n_indpxub_xw</i>
<i>N</i>	6	Adult main and proxy interview (BHPS, GPS, EMBS and IEMBS)	<i>n_indpxui_xw</i>
1+	2	Adult main and proxy interview	<i>n_indpxus_lw</i>
2+	3	Adult main and proxy interview (BHPS, GPS and EMBS since 2010-2011)	<i>n_indpxub_lw</i>
6+	7	Adult main and proxy interview (BHPS, GPS, EMBS and IEMBS since 2014-2015)	<i>n_indpxui_lw</i>

Weights for analysis using adult main interviews

Wave(s) / Years representing	Wave starts from	Data source	Analysis Weight
1		Adult main interview	a_indinus_xw
2		Adult main interview	b_indinus_xw
2		Adult main interview (BHPS)	b_indinbh_xw
<i>n</i>	2 – 5	Adult main interview (BHPS, GPS and EMBS)	<i>n_indinub_xw</i>
<i>n</i>	6	Adult main interview (BHPS, GPS, EMBS and IEMBS)	<i>n_indinui_xw</i>
1+	2	Adult main interview	<i>n_indinus_lw</i>
1991+	2	Adult main interview (BHPS, GB)	<i>n_indin91_lw</i>
2001+	2	Adult main interview (BHPS, UK)	<i>n_indin01_lw</i>
2+	3	Adult main interview (BHPS, GPS and EMBS since 2010-2011)	<i>n_indinub_lw</i>
6+	7	Adult main interview (BHPS, GPS, EMBS and IEMBS since 2014-2015)	<i>n_indinui_lw</i>

Weights for analysis using adult “Extra 5 minutes” interview

Wave(s) / Years	Wave starts	Data source	Analysis Weight
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representing	from		
1		Adult “Extra 5 minutes” interview	a_ind5mus_xw
<i>n</i>	3	Adult “Extra 5 minutes” interview	<i>n</i> _ind5mus_xw
1+	2	Adult “Extra 5 minutes” interview	<i>n</i> _ind5mus_lw

Weights for analysis using adult self-completion

Wave(s) / Years representing	Wave starts from	Data source	Analysis Weight
1		Adult self-completion	a_indscus_xw
2		Adult self-completion	b_indscus_xw
2		Adult self-completion (BHPS)	b_indscbh_xw
<i>n</i>	2 - 5	Adult self-completion (BHPS, GPS and EMBS)	<i>n</i> _indscub_xw
1+	2	Adult self-completion	<i>n</i> _indscus_lw
2+	3	Adult self-completion (BHPS, GPS and EMBS)	<i>n</i> _indscub_lw
6+	7	Adult self-completion (BHPS, GPS, EMBS and IEMBS)	<i>n</i> _indscui_lw
Note: A cross-sectional weight for the self-completion component was discontinued after Wave 5 as levels of nonresponse to this component are low. This can be treated in the same way as item nonresponse and the relevant individual interview cross-sectional weight can be used when analysing data from the self-completion component.			

Weights for analysis using youth self-completion

Wave(s) / Years representing	Wave starts from	Data source	Analysis Weight
1		Youth self-completion	a_ythscus_xw
2		Youth self-completion	b_ythscus_xw
2		Youth self-completion (BHPS)	b_ythscbh_xw
<i>n</i>	3	Youth self-completion (BHPS, GPS and EMB)	<i>n</i> _ythscub_xw
<i>n</i>	7	Youth self-completion (BHPS, GPS, EMB and IEMBS)	<i>n</i> _ythscui_xw

Weights for analysis using nurse health assessment data

Wave(s) / Years	Wave starts	Data source	Analysis Weight
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representing	from		
2+	3	Nurse visit with Wave 2 to Wave <i>n</i> full interviews (GPS, BHPS)	<i>n_indnsub_lw</i>
2+	3	Nurse visit with Wave 2 to Wave <i>n</i> full interviews and consent to blood sample at Wave 2 (GPS, BHPS)	<i>n_indbdub_lw</i>
1991+	3	Nurse visit with 1991 to Wave <i>n</i> full interviews (BHPS)	<i>n_indns91_lw</i>
1991+	3	Nurse visit with 1991 to Wave <i>n</i> full interviews and consent to blood sample at Wave 2 (BHPS)	<i>n_indbd91_lw</i>

Note: Other weights for use with the health assessment data that were collected at Waves 2 and 3 are available with the separate health assessment data release, see Section **Error! Reference source not found.**, and are fully documented in the associated user guide, see [McFall, Petersen et al. \(2014\)](#). These four weights are documented here as they will be released with the main data release each year.

Design and inclusion weights

Analysis level	Wave(s) / Years representing	Wave starts from	Data source	Analysis Weight*
Household			(Wave 1 household design weight)	<i>a_hhdenus_xd</i>
Household			(Wave 1 household design weight for GPS only)	<i>a_hhdengp_xd</i>
Individual			(Design weight)	<i>a_psnenus_xd</i>
Individual			(Design weight GPS only)	<i>a_psnengp_xd</i>
Individual			("Extra 5 minutes" design weight)	<i>a_ind5mus_xd</i>
Individual			(GPS design weight)	<i>psnengp_xd</i>
Individual			(GPS+EMB design weight)	<i>psnenus_xd</i>
Individual			(GPS+EMB+BHPS design weight)	<i>psnenub_xd</i>
Individual			BHPS inclusion weight for OSMs issued into UKHLS	<i>b_psnenbh_li</i>
Individual			BHPS-2010 longitudinal enumerated person weight	<i>b_psnenbh_lw</i>
Individual			BHPS, GPS and EMBS combination inclusion weight	<i>b_psnenub_li</i>
Individual			BHPS, GPS, EMBS and IEMBS combination inclusion weight	<i>f_psnenui_li</i>

Notes: *Typically for advanced users (see technical details).