



# Understanding Society: Marital and Cohabitation Histories, 1991-2021

## User Guide

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## 1. Introduction

The *Understanding Society* partnership history file, “*Understanding Society: Marital and Cohabitation Histories, 1991-2021*” (SN 8473) contains information about partnership spells reported by adult respondents in all *Understanding Society* (UKHLS) and British Household Panel Survey (BHPS) samples up to Wave 12.

For UKHLS samples, initial partnership history and current partnership status information was collected in Wave 1 and after that information was collected on changes since last interview. For new entrants after Wave 1, only partial information about their past partnership history was collected.

For BHPS sample members information about their partnership history until 2008 has been extracted from the single partnership history file created by Pronzato (2009). For those BHPS sample members who were interviewed as part of *Understanding Society* (from onwards 2010), their prior information was combined with that collected during these interviews.

The *Understanding Society: Marital and Cohabitation Histories, 1991-2021* dataset is based on the following datasets which are available from the UK Data Service:

**SN 6614:** *Understanding Society: Waves 1-12, 2009-2021 and Harmonised BHPS: Waves 1-18, 1991-2009*

**SN 5151:** *British Household Panel Survey: Waves 1-18, 1991-2009*

**SN 5629:** *British Household Panel Survey Consolidated Marital, Cohabitation and Fertility Histories, 1991-2009*

Data users are encouraged to read the user manuals for the datasets used to produce this data file to know more about the underlying surveys and datasets (ISER 2022, Taylor et al 2009, Pronzato 2009). All individuals in this file can be linked to their *Understanding Society* data, **SN 6614**, using the unique cross-wave identifier **pidp**. The unique cross-wave identifier in **SN 5629** is **pp** which is the same as **pid**, the unique cross-wave identifier for non-harmonised BHPS files (**SN 5151**). So, **pid** is also included<sup>1</sup>. The different sample members can be identified in this file by the variable **hhorig**.

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<sup>1</sup> Note: Those who joined the households of BHPS sample members after the BHPS ended, that is, as part of *Understanding Society*, do not have a valid existing PID. So, their PID equals -8.

## 2. File structure and variable descriptions

**SN 8473** includes two files. One of them, **phistory\_long**, is in long format, i.e., each row represents one spell for each person in the dataset. In this section the long format file and its content is described. The other file, **phistory\_wide** is in wide format, that is, each row represents one person. In this wide format file, variable names pertaining to spells have a number suffix which represents the spell number. Both files only include individuals who have provided information about at least one union or partnership and so all persons in the dataset have at least one partnership spell. The following variables are available in this dataset:

- **pidp**: This is the unique cross-wave person identifier available within the **SN 6614** data files. This identifier can be used to link information from **SN 6614** data files.
- **pid**: This is the unique cross-wave person identifier available within the **SN 5151** data files. This variable is also available in **SN 6614** data files (except for in any of the first wave files as these files do not include BHPS sample members). This variable equals -8 for all UKHLS sample members and new BHPS sample members (that is, individuals who joined the BHPS sample members' households for the first time during the UKHLS survey period).
- **hhorig**: This variable identifies the sample origin that the person belongs to. The following is a summary of the frequency of sample members within each sample origin.
- **spellno**: This is the spell number of the union of each individual where the first spell is the earliest partnership.
- **spellnoR**: This is the spell number of the union of each individual in reverse order, that is, where the first spell is the most recent partnership.
- **status**: This variable identifies whether the partnership is a marriage, civil partnership or cohabitation (living together as a couple). It takes on the following values; 2 "Married", 3 "Civil Partner" and 10 "Living together as a couple". Note the coding frame is the same as the marital status derived variable, **w\_mastst\_dv** in **w\_indall** and **w\_indresp** files.
- **partner**: This variable records the **pidp** of the partner in spells where this information was available.
- **starty & startm**: This is the year and month of the start date of the union.
- **endy & endm**: This is the year and month of the end date of the union.
- **divorcey & divorcem**: When marriage separation and divorce dates are available, end date represents the separation date and the divorce date is recorded here. If only separation date is available this is a valid skip (-8).
- **start\_if**: This variable identifies if the start date has been imputed. It takes on the following values: 0 is no imputation, 1 is month imputed 2 month and year is imputed.

- **end\_if:** This variable identifies if the end date has been imputed. It takes on the following values: 0 is no imputation, 1 is month imputed 2 month and year is imputed.
- **divorce\_if:** This variable identifies if the divorce date has been imputed. It takes on the following values: 0 is no imputation, 1 is month imputed 2 month and year is imputed.
- **spell\_if:** This takes on the value 2 if the whole spell has been imputed. When the marital or partnership status changed between two consecutive wave interviews but no spell was reported in the interview the entire spell had to be imputed.
- **ongoing:** This binary variable identifies whether a spell is ongoing at the time of the survey. It takes on the value of 0 and 1 with 1 indicating an ongoing spell.
- **lastinty & lastintm:** This is the year and month of the last interview date.
- **startdate, enddate, divorcedate, lastintdate:** these are the start, end, divorce and last interview dates in Stata date format, that is, these are measured in months since January 1960. As Stata data formatting has been attached to the variables, these will appear as the correct date. For example, if the start date is January 1960 then **startdate** will have the value 2 and it will appear on screen as 1960m1. These variables are only available in the Stata version.
- **t1l\_married, t1l\_civil\_partnership, t1l\_cohabit:** These variables measure the total number of marriage, civil partnership and cohabitation spells for each person.
- **ever\_married, ever\_civil\_partnership, ever\_cohabit:** These variables are indicator variables which show if a person has ever married, been in a civil partnership or been in a non-marital cohabitation.
- **hhorig:** sample origin
- **sampst:** sample status
- **ever\_proxy\_ukhls:** whether completed at least one proxy interview during the UKHLS waves
- **every\_proxy\_bhps:** whether completed at least one proxy interview during the BHPS waves 1-18

### 3. Variable creation, missing data and imputations

In Wave 1, all adult respondents (aged 16+) were asked about their (i) current cohabitation, (ii) current marriage and the cohabitation spell preceding that with the same partner, (iii) past cohabitation and marriage history if applicable. If the current marriage spell was preceded by a cohabitation spell with the same partner then the cohabitation end date is not asked and set to the month prior to the marriage start date. From the second wave onwards, they were asked about changes to their marital status and information about these changes. They were also asked about any new cohabitation spells since the last interview.

From the second wave onwards the new household members who join were asked about their first marriage and total number of marriages when they were interviewed for the first time. So, the start date of their first marriage is available. If currently married then their marriage end date has been set to the current interview date (ongoing spell). All other marriage dates are set to -9.

For ongoing spells the end date has been set to the date of current interview. The **ongoing** flag can be used to identify such cases. Note as respondents do not give interviews every year, the current interview date varies across respondents. The variables **lastintdate** show the date that they were last interviewed. The month and year of this date are also available as separate variables: **lastinty**, **lastintm**.

### *Imputing missing dates and spells*

Below we outline how we imputed specific types of missing information. But there were some missing dates that could not be imputed and were left as is. Similarly, other types date issues such as overlapping spells or where start date is after the end date, if there was no obvious way to correct it using additional information, were left as it is. Also, in some cases our imputation rules resulted in overlapping spells. Some were easy to fix (see below), in other cases we looked at the entire partnership history and implemented corrections using information on the status, partner and logical timing. In case of conflicting information between what was reported in annual events history (changes between interviews) and the partnership status identified at the time of interview priority was given to the former information source.

We are aware that the information about past partnership history is incomplete or missing for new entrants and those who asked someone else to complete their interview on their behalf (proxy interviews). So, we have included these variables **ever\_proxy\_ukhls** & **ever\_proxy\_bhps** to identify cases who have given a proxy interview at least once, and hence likely to have poorer data quality. Similarly we have now included the variable, **sampst** which can be used to identify new entrants (**sampst** = 2 (PSM) & **sampst** = 3 (TSM)).

Details of imputations and corrections we made in case of missing or inconsistent information.

- If the start or end month of a spell was missing but a valid start or end year was reported, the month was imputed by setting it to June. In a few cases this resulted in overlapping spells which we corrected further. For example, say a respondent reported that a cohabitation spell ended in 2018 but did not say in which month, and another cohabitation spell that started in April 2018. In this based on our imputation rule we would impute the end date for the first cohabitation spell to June 2018 and

as a result it will appear that they have reported overlapping spells. So, in these cases, we further imputed the end date of the first cohabitation spell to the month the following cohabitation start date to March 2018.

- If marriages followed cohabitations with the same partner then the end date of the cohabitation spell was set to the month before the marriage start date, if available. If the start date was missing it was imputed as mid-point from the cohabitation start date to the current interview date or marriage end date.
- If a change in marital status between waves was noted but the change since last interview questions were not asked or were asked but respondents did not report a change then the dates were imputed. Specifically, the year of last interview was taken as the start date and June to be the month, while the end date was taken to be the mid-point of the imputed start date and the current interview date. If this was the final spell then (as with other spells), the current interview was taken as the end date.
- Those who had never responded, but their marital status was married or cohabiting as a couple, could not be included in this partnership history file due to lack of data on partnership spells. Similarly, in a few cases, adult respondents reported invalid dates for their current marriage and no past history and again could not be included in this partnership history file. You can identify these cases by comparing the variables **evermar\_dv** (1 if ever married or in a civil partnership, 0 otherwise) and **evercoh\_dv** (1 if ever cohabited, 0 otherwise) in **xwavedat** with **ever\_married**, **ever\_civil\_partnership** & **ever\_cohabit** variables in these partnership history files.

#### *Missing values:*

The same missing value codes as in the BHPS and Understanding Society datafiles has been used, that is:

- 8: valid skip
- 9: missing

However, as **startdate**, **enddate** and **divorcedate** are in Stata date format, -8 and -9 values would be interpreted by Stata as 8 months and 9 months before January 1960, which could be valid dates so, a value of -720 has been assigned if the date is missing (-9). This translates to January 1900 which is earlier than the earliest start date for any partnership spell in the dataset. For valid skip (-8), a value of -721 has been assigned which is interpreted by Stata as December 1899.

## 4. Data Description

A brief description of the **phistory\_long** dataset – names, value labels, variable labels of variables included in the dataset is shown in Figure 1. The dataset includes 129,047 observations and 35 variables. This data file only includes adult respondents who have reported at least one partnership spell, so the file represents 77327 adult respondents and 129047 spells.

**Figure 1: Description of datafile “phistory\_long”**

variable name	storage type	display format	value label	variable label
pidp	long	%10.0f	pidp	cross-wave person identifier (public release)
pid	long	%12.0g	pid	person number identification
spellno	float	%9.0g		spell no, earliest first
spellnoR	float	%9.0g		spell no, recent first
status	float	%41.0g	status	partnership status
partner	long	%12.0g	partner	partner pidp
startdate	float	%tm	startdate	start date
starty	float	%9.0g	starty	start year
startm	float	%9.0g	startm	start month
start_if	float	%18.0g	start_if	start date imputation flag
enddate	double	%tm	enddate	end date
endy	float	%9.0g	endy	end year
endm	float	%9.0g	endm	end month
end_if	float	%18.0g	end_if	end date imputation flag
divorcedate	float	%tm	divorcedate	divorce date if available
divorcey	float	%16.0g	divorcey	divorce year
divorcem	float	%16.0g	divorcem	divorce month
divorce_if	float	%18.0g	divorce_if	divorce date imputation flag
mrgend	float	%10.0g	mrgend	how marriage/civil partnership ended
cohend	float	%9.0g	cohend	how cohabitation ended
ongoing	float	%13.0g	ongoing	ongoing spell indicator
t1l_spells	float	%9.0g		total number of any partnership spells
t1l_married	float	%9.0g		total number of marriage spells
t1l_civil_pa~p	float	%9.0g		total number of civil partnership spells
t1l_cohabit	float	%9.0g		total number of cohabitation spells
ever_married	float	%9.0g		ever married
ever_civil_pa~p	float	%9.0g		ever in civil partnership
ever_cohabit	float	%9.0g		ever cohabit
lastintdate	float	%tm		last interview date
lastinty	float	%9.0g		last interview year
lastintm	float	%9.0g		last interview month
hhorig	float	%27.0g	hhorig	sample origin, household
sampst	byte	%12.0g	sampst	final sample status
ever_proxy_uk~1	float	%28.0g	ever_proxy_ukhls	proxy interview during UKHLS waves?
ever_proxy_bh~1	float	%28.0g	ever_proxy_bhps	proxy interview during BHPS waves 1-18?



Summary statistics of all the variables included in the dataset is shown in Figure 2.

**Figure 2: Summary statistics of datafile “phistory\_long”**

Variable	Obs	Mean	Std. Dev.	Min	Max
pidp	129,047	6.97e+08	4.96e+08	2727	1.65e+09
pid	129,047	1.60e+07	3.64e+07	-8	1.89e+08
spellno	129,047	1.656164	1.029698	1	14
spellnoR	129,047	1.656164	1.029698	1	14
status	129,047	5.379056	3.948772	2	10
partner	129,047	4.30e+08	5.09e+08	-9	1.65e+09
startdate	129,047	330.3694	307.6257	-720	743
starty	129,047	1899.126	419.7054	-9	2021
startm	129,047	5.882601	4.471437	-9	12
start_if	129,047	.1060466	.3854818	0	2
enddate	129,047	488.439	306.16	-721	748
endy	129,047	1914.526	417.3362	-9	2022
endm	129,047	5.787876	4.519182	-9	12
end_if	129,047	.1437771	.454494	0	2
divorcedate	129,047	-627.7691	314.0718	-721	740
divorcey	129,047	157.2482	550.8782	-9	2021
divorcem	129,047	-6.816114	4.035199	-9	12
divorce_if	129,047	-7.321627	2.261773	-8	2
mrgend	129,047	-2.885119	4.467967	-8	4
cohend	129,047	-4.092346	4.598294	-8	2
ongoing	129,047	.4382357	.4961724	0	1
t1l_spells	129,047	2.312328	1.447104	1	14
t1l_married	129,047	1.135276	.7296117	0	6
t1l_civil~p	129,047	.0074237	.0876274	0	2
t1l_cohabit	129,047	1.169628	1.22815	0	12
ever_married	129,047	.8480244	.3589987	0	1
ever_civil~p	129,047	.0072687	.0849464	0	1
ever_cohabit	129,047	.6748626	.468428	0	1
lastintdate	129,047	660.0618	78.51634	377	748
lastinty	129,047	2014.541	6.59846	1991	2022
lastintm	129,047	6.565701	3.45296	1	12
hhorig	129,047	2.59982	2.473153	1	16
sampst	129,047	1.220602	.6036526	1	3
ever_pro~ls1	129,047	.0841166	.2775637	0	1
ever_pro~ps1	129,047	.0181097	.1333486	0	1

We have included the description for the datafile, **phistory\_wide**, which is the partnership history file in wide format, in [Appendix B](#). In the datafile **phistory\_wide**, there are 77,327 observations and 254 variables.

Table 1 shows the distribution of spells across these respondents. There are 13,748 respondents who have not reported any marriage spell, but have reported other types of partnership spells. So, 82.2% of these 77327 respondents have reported at least one marriage spell, 0.5% have reported at least one civil partnership spell and 49.4% have reported at least one cohabitation spell.

**Table 1: Distribution of partnership spells**

Number of spells	Number of adult respondents with these types of spells			
	Any partnership	Marriage	Civil partnership	Living as a couple
0		13748	76933	39091
1	46031	54232	387	26892
2	18559	8217	7	8104
3	7915	1012		2225
4	3085	105		672
5	1077	11		206
6	401	2		69
7	149			35
8	55			12
9	28			7
10	19			10
11	3			2
12	3			2
14	2			
Total	77,327	77,327	77,327	77,327

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4	3085	105		672
5	1077	11		206
6	401	2		69
7	149			35
8	55			12
9	28			7
10	19			10
11	3			2
12	3			2
14	2			
Total	77,327	77,327	77,327	77,327

Table 2 shows the distribution of respondents with at least one marriage, civil partnership or cohabitation (living as a couple) spell across the different samples.

**Table 2: Distribution of respondents with at least one marriage, civil partnership or cohabitation**

**(living as a couple) spell across the different samples**

Sample	Number of adult respondents
UKHLS GP-GB sample	40,617
UKHLS GP-NI sample	1,898
UKHLS EMB sample	6,367
UKHLS IEMB sample	3,675
BHPS GB sample	14,315
BHPS Scottish Boost sample	2,908
BHPS Welsh Boost sample	3,121
BHPS Northern Irish Boost sample	3,216
ECHP – SCPR	550
ECHP – ONS	508
ECHP - NI	152
Total number of adult respondents	77,327

## 5. Data Quality and reporting errors

There are 1 spell where the end date is earlier than the start date, 5 spells where the end date is later than the divorce date and 2,042 spells where the start date is earlier than the end date of the previous spell (overlapping spells). If it was possible to correct such cases we have done so, these are the cases that we did not have enough information to correct these. Table 3 shows the number of spells with missing start or/and end dates.

**Table 3: Distribution of spells with missing start and/or end dates**

Spell start date missing?	Spell end date missing?		
	No	Yes	Total
No	119,291	3,810	123,101
Yes	3,960	1,986	5,946
Total	123,251	5,796	129,047

Table 4 shows the number of spells where the start and/or end dates were imputed.

**Table 4: Distribution of spells with imputed start and/or end dates**

Spell start date imputed?	Spell end date imputed?			Total
	No	Yes, month imputed	Yes, whole date imputed	
No	109,951	4,894	3,988	118,833
Yes, month imputed	3,883	2,767	93	6,743

Yes, whole date imputed	2,044	123	1,304	3,471
Total	115,878	7,784	5,385	129,047

Comparing the partnership status and partnership **pidp** in this dataset with that reported in the individual adult respondent files for cases where the partnership spell was ongoing at the time of the interview, **w\_indresp**, some mismatches were found in partner **pidp** (**partner vs w\_ppid**) and current marital status (**status vs w\_mastat\_dv**).

<b>Table 5: Mismatches in information at the time of interview between this partnership history file and the information collected at the interview</b>			
	Respondent is living with a partner at the time of this interview based on <b>phistory_long</b> but not according to <b>w_indresp</b>	Respondent is living with a partner at the time of this interview based on <b>w_indresp</b> but not according to <b>phistory_long</b>	Mismatch in partnership status at the time of this interview
Wave 1	0	0	75
Wave 2	0	24	78
Wave 3	0	21	73
Wave 4	0	20	65
Wave 5	0	22	61
Wave 6	0	16	78
Wave 7	2	18	134
Wave 8	0	21	89
Wave 9	0	20	81
Wave 10	0	28	88
Wave 11	0	46	114
Wave 12	0	214	414

## 6. Example of syntax to add characteristics for respondents and partners

The variables **pidp** and **partner** are the **pidp** of the respondent and the partner and can be used to add individual level characteristics from the main survey. Here is an example of Stata syntax to add sex, year of birth and ethnic group from the **xwavedat** file in the main survey.

```
use phistory_long, clear
merge m:1 pidp using xwavedat, nogen keep(1 3) ///
keepus(racel_dv sex birthy)
save temp, replace
```

```
use phistory_long, clear
rename pidp kpidp
rename partner pidp
drop if pidp<0
merge m:1 pidp using xwavedat, nogen keep(1 3) ///
keepus(racel_dv sex birthy)
rename racel_dv p_racel_dv
rename sex p_sex
rename birthy p_birthy
rename pidp partner
rename kpidp pidp
keep pidp partner p_*
save partner, replace
```

```
use temp, clear
drop if partner<0
merge m:m pidp partner using partner
assert _m==3
drop _merge
save phistory_long_partnerinfo, replace
```

```
erase temp.dta
erase partner.dta
```

## 7. Citation

**The bibliographic reference for this study is as follows:**

University of Essex, Institute for Social and Economic Research. (2023). Understanding Society: Marital and Cohabitation Histories, 1991-2021. [data collection]. 4<sup>th</sup> Edition. UK Data Service. SN: 8473, <http://doi.org/10.5255/UKDA-SN-8473-4>.

### Citing this User Guide

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All works which use or refer to these materials should acknowledge these sources by means of bibliographic citation. To ensure that such source attributions are captured for bibliographic indexes, citations must appear in footnotes or in the reference section of publications.

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**If you have any questions or would like to provide feedback please email**  
[usersupport@understandingsociety.ac.uk](mailto:usersupport@understandingsociety.ac.uk)

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## 9. Appendix A

**Table A1: Description of the variables from the source data files that were used to create the variables in this file**

Variable name	Waves	Data File <sup>1</sup>	Survey
pidp, hhorig, pid	-	xwavedat	
w_ppid, a_mastat_dv, a_nmar, a_cohab_dv, a_lcmcb4, a_lcmcbm, a_lcmcoh, a_lcmspy4, a_lcmspm a_lcsby4, a_lcsbm a_istrtdaty, a_istrtdatm, a_mrgendt,	1, 6	a_indresp	SN 6614
		f_indresp	
		a_cohab	
a_cohabno, a_lcsby4, a_lcsbm, a_lcsey4, a_lcsem	1, 6	f_cohab	
		a_marriage	
a_marno, a_lcmarm, a_lcmarmy4, a_lmarm, a_lmarmy4, a_lmarm, a_lcmarm	1, 6	f_marriage	
w_ppid, w_mastat_dv, w_cohab_dv, w_statcy4*, w_statcm*, w_lmcb4, w_lmcbm, w_coh1by, w_coh1bm, w_lmar1y, w_lmar1m, w_istrtdaty, w_istrtdatm	2-12	w_indresp (w = a...l)	
pp, partner, separation, start_date, stop_date, marital, cohabitation	-	Family	SN 5629
pid, wmarstat	1-18	bw_indresp (w = a,...r)	SN 5151



## 10. Appendix B

variable name	storage type	display format	value label	variable label
pidp	long	%10.0f	pidp	cross-wave person identifier (public release)
status1	float	%41.0g	status	1 status
partner1	long	%12.0g	partner	1 partner
startdate1	float	%tm	startdate	1 startdate
starty1	float	%9.0g	starty	1 starty
startm1	float	%9.0g	startm	1 startm
start_if1	float	%18.0g	start_if	1 start_if
enddate1	double	%tm	enddate	1 enddate
endy1	float	%9.0g	endy	1 endy
endm1	float	%9.0g	endm	1 endm
end_if1	float	%18.0g	end_if	1 end_if
divorcedate1	float	%tm	divorcedate	1 divorcedate
divorcey1	float	%16.0g	divorcey	1 divorcey
divorcem1	float	%16.0g	divorcem	1 divorcem
divorce_if1	float	%18.0g	divorce_if	1 divorce_if
mrgend1	float	%10.0g	mrgend	1 mrgend
cohend1	float	%9.0g	cohend	1 cohend
ongoing1	float	%13.0g	ongoing	1 ongoing
status2	float	%41.0g	status	2 status
partner2	long	%12.0g	partner	2 partner
startdate2	float	%tm	startdate	2 startdate
starty2	float	%9.0g	starty	2 starty
startm2	float	%9.0g	startm	2 startm
start_if2	float	%18.0g	start_if	2 start_if
enddate2	double	%tm	enddate	2 enddate
endy2	float	%9.0g	endy	2 endy
endm2	float	%9.0g	endm	2 endm
end_if2	float	%18.0g	end_if	2 end_if
divorcedate2	float	%tm	divorcedate	2 divorcedate
divorcey2	float	%16.0g	divorcey	2 divorcey
divorcem2	float	%16.0g	divorcem	2 divorcem
divorce_if2	float	%18.0g	divorce_if	2 divorce_if
mrgend2	float	%10.0g	mrgend	2 mrgend
cohend2	float	%9.0g	cohend	2 cohend
ongoing2	float	%13.0g	ongoing	2 ongoing
.. up to				
status14	float	%41.0g	status	14 status
partner14	long	%12.0g	partner	14 partner
startdate14	float	%tm	startdate	14 startdate
starty14	float	%9.0g	starty	14 starty
startm14	float	%9.0g	startm	14 startm
start_if14	float	%18.0g	start_if	14 start_if
enddate14	double	%tm	enddate	14 enddate
endy14	float	%9.0g	endy	14 endy
endm14	float	%9.0g	endm	14 endm
end_if14	float	%18.0g	end_if	14 end_if
divorcedate14	float	%tm	divorcedate	14 divorcedate
divorcey14	float	%16.0g	divorcey	14 divorcey
divorcem14	float	%16.0g	divorcem	14 divorcem
divorce_if14	float	%18.0g	divorce_if	14 divorce_if
mrgend14	float	%10.0g	mrgend	14 mrgend
cohend14	float	%9.0g	cohend	14 cohend
ongoing14	float	%13.0g	ongoing	14 ongoing
pid	long	%12.0g	pid	person number identification
ttl_spells	float	%9.0g		total number of any partnership spells
ttl_married	float	%9.0g		total number of marriage spells
ttl_civil_pa~p	float	%9.0g		total number of civil partnership spells
ttl_cohabit	float	%9.0g		total number of cohabitation spells
ever_married	float	%9.0g		ever married
ever_civil_pa~p	float	%9.0g		ever in civil partnership
ever_cohabit	float	%9.0g		ever cohabit
lastintdate	float	%tm		last interview date
lastinty	float	%9.0g		last interview year
lastintm	float	%9.0g		last interview month
hhorig	float	%27.0g	hhorig	sample origin, household
sampst	byte	%12.0g	sampst	final sample status
ever_proxy_uk~1	float	%28.0g	ever_proxy_ukhls	proxy interview during UKHLS waves?
ever_proxy_bh~1	float	%28.0g	ever_proxy_bhps	proxy interview during BHPS waves 1-18?