

**Working Paper Number 5**

**RESEARCHERS GUIDE TO USING THE BRITISH  
HOUSEHOLD PANEL SURVEY AND OTHER  
INTERNATIONAL, LONGITUDINAL DATASETS**

# **RESEARCHERS GUIDE TO USING THE BRITISH HOUSEHOLD PANEL SURVEY AND OTHER INTERNATIONAL, LONGITUDINAL DATASETS**

**A study carried out by of the Department for Work and  
Pensions**

**By**

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Analytical Services Directorate**

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# Using the British Household Panel Survey and other international, longitudinal datasets: a guide for researchers.

## Section A.

### 1. Introducing the Guide

- 1.1 The Guide is designed for:
- managers who commission social policy research projects; and,
  - analysts who plan to undertake their own research on large-scale longitudinal datasets.
- 1.2 The Guide provides information on the organisation and structure of:
- the British Household Panel Survey;
  - major international comparative panel surveys, principally:
    - ECHP: European Community Household Panel;
    - PACO: Panel Comparability Project;
    - CHER: Consortium of Household Panels for European Socio-economic Research;
- and practical advice on working with longitudinal datasets.
- 1.3 The Guide aims to provide managers and analysts with sufficient information to:
- assess whether the BHPS or other panel surveys can address their specific research questions;
  - assess which panel survey is most appropriate to their needs;
  - design a research project which can make effective use of the BHPS and/or other panel surveys;
  - gain access to the BHPS and other panel surveys.
- 1.4 The Guide in brief

**Section A** provides contact details and website addresses for the most important longitudinal panel surveys.

**Section B** provides:

- a **description of BHPS**: what it is, how it is organised, who runs it;
- a discussion of the **strengths and weaknesses of longitudinal data**;
- an overview of **what you can do with BHPS data**: what data are available for individuals and households; data sample sizes for each year (wave) by household type, ethnicity and labour force status; problems of handling complex datasets; and, the kinds of statistical analysis that can be carried out on BHPS data.

**Section C** provides an overview of the main longitudinal household panel surveys available for Europe and North America: where to go on the web to gain access (or how to obtain a CD-ROM), how to obtain information on the costs involved, and who to contact.

### **The appendices:**

Detailed **tables** of BHPS data sample sizes are provided for waves 1 to 9 for household type and labour force status.

**Listings of dataset variables** available for BHPS, ECHP and PACO are provided in the appendix. These listings will allow the researcher to determine whether the necessary variables are available to address specific research questions.

## **2. Finding out about longitudinal household surveys**

Contact details for organisations that administer panel household surveys are provided throughout the Guide. For ease of reference, the main website addresses are listed here:

### **British Household Panel Survey (BHPS)**

Website:

<http://www.iser.essex.ac.uk/bhps/index.php>

Contact:

John Brice: [bricj@essex.ac.uk](mailto:bricj@essex.ac.uk)

ISER, University of Essex, Wivenhoe Park, Colchester CO4 3SQ, United Kingdom

Tel. John Brice: +44 (0) 1206 873543 Tel. General Enquiries +44 (0) 1206 872957

### **European Community Household Panel survey (ECHP)**

Website (brief overview):

<http://www-rcade.dur.ac.uk/echp/>

Contact details through the following website

<http://forum.europa.eu.int/Public/irc/dsis/Home/main>

### **Panel Comparability Project (PACO)**

Website:

<http://www.ceps.lu/paco/pacopres.htm>

Contact:

Günther Schmaus: [gunther.schmaus@ci.rech.lu](mailto:gunther.schmaus@ci.rech.lu)

### **Consortium of Household Panels (CHER)**

Website:

<http://www.ceps.lu/Cher/Cherpres.htm>

Contact:

Günther Schmaus: [gunther.schmaus@ci.rech.lu](mailto:gunther.schmaus@ci.rech.lu)

### **Cross National Equivalent Files (CNEF)**

Contact:

Florence Allen ([fa21@cornell.edu](mailto:fa21@cornell.edu)).

## Section B Longitudinal panel surveys and the BHPS

### 3. What are longitudinal surveys?

There are five main types of longitudinal surveys:

#### 3.1 **Panel** studies interview the same random sample of people at regular intervals.

Examples:

- US Panel Study on Income ([PSID](#)), an influential and long-established example
- the German Socio-economic Panel ([GSOEP](#)),
- the Panel Study of Belgian Households ([PSBH](#)),
- the European Community Household Panel (ECHP), coordinated by [Eurostat](#)

#### 3.2 **Cohort** studies interview a sample of people born in a particular period (repeated interviews, perhaps at irregular intervals).

Examples:

- the National Child Development Study of persons born in 1958 ([NCDS](#))
- the British Cohort Study of persons born in 1970 ([BCS70](#)).

#### 3.3 **Retrospective** studies are ones where respondents recall their life histories

Examples:

- the UK Family and Working Lives Survey from 1994 ([FWLS](#))
- the influential German Life History Studies ([GLHS](#)).

#### 3.4 **Linked administrative** records consist of different official databases that are linked to create longitudinal records.

Examples:

- Several Scandinavian countries link tax and social welfare records for research
- the UK Census Longitudinal Study ([ONS-LS](#)) links information from three censuses with vital registration records to create anonymised longitudinal data for about 1 percent of the population over a 20-year period.

#### 3.5 **Repeated cross-sectional** surveys use the same instrument at regular intervals on a sample of the population: the sample is structured in the same way each time but the respondents are different for each survey.

Examples:

- Labour Force Survey, General Household Survey, Family Expenditure Survey, British Election Study, opinion polls, many others. See the National Statistics website for more info on some of these surveys <http://www.statistics.gov.uk/>

### 4. What are the advantages of longitudinal panel surveys?

#### 4.1 A panel study surveys the same respondents at regular intervals.

A household survey interviews all adult (i.e. age 16 years and over) members of the household, and collects household level data too.

#### 4.2 **Why household?**

The behaviour and characteristics of individuals are often affected by the behaviour and characteristics of other household members:

- Husbands' and wives' employment status may be associated
- Standard of living is more affected by household income than personal income

Some of the process in which we are interested have to do with household formation and dissolution (e.g., leaving home, forming partnerships, divorce);

We may be interested in intra-household processes - income sharing, division of domestic labour, attitude formation.

### 4.3 Why panel?

- Because longitudinal is (often) better
- Of the many types of longitudinal study, panels have advantages and disadvantages:

#### 4.3.1 Advantages of longitudinal over (repeated) cross-sectional data

- Better insight into causality rather than simply association between variables (i.e. it is easier to determine the **direction** of cause and effect)
- Can track processes
- Can relate prior intentions to observed behaviour
- Can observe trajectories (e.g., poverty dynamics, exposure to unemployment)
- Can control for unobserved heterogeneity

#### 4.3.2 Disadvantages

- More expensive and difficult to carry out
- Less representative than contemporary samples (with attrition of survey members, the sample becomes increasingly less representative over time); poorer population estimates

#### 4.3.3 Advantages of panel over other longitudinal formats

- Regularly repeated interviews: relatively accurate fresh data
- Broad and detailed data

#### 4.3.4 Disadvantages

- Short span: it takes a long time before there are long panel runs
- Incomplete histories
- Panel conditioning
- Attrition of panel members

## 5. What is the British Household Panel Survey (BHPS)?

### 5.1 The BHPS is a multi-purpose survey that has followed the same representative sample of individuals - the panel - since 1991:

- it is household-based; every adult member of the sampled households is interviewed on an annual basis (youths aged 11-15 years have been surveyed since 1994);
- it contains sufficient cases for meaningful analysis of groups such as the unemployed, elderly or one parent families;
- it contains inter-wave data on job histories and household changes for each month of each year;
- it allows for linkage of data both from other surveys and from local area statistics.

### 5.2 Continuing representativeness of the survey is ensured (and loss of panel members is minimised) because:

- panel members are followed wherever they move in the UK;
- the panel includes new members of households formed by original panel members;

- regular contact is maintained with panel members through special reports and letters;
  - field interviewers are thoroughly trained.
- 5.3 The first wave, BHPS survey data were published in 1991, and successive waves have been published annually ever since. The Wave 1 panel consisted of some 5,500 households and 10,300 individuals drawn from 250 different areas of Great Britain. In 1997 the number of low income groups was increased to enable data to be included in the European Community Household Panel (ECHP) survey and further 'booster' samples were included in 1999 for Scotland and Wales. It is planned to increase the size of the sample for Northern Ireland from 2001. See section 8 for more details of the size of the survey data subsets.
- 5.4 The survey is carried out and managed by the Institute for Social and Economic Research (ISER), University of Essex. Currently, nine waves are available in the public domain. The tenth is being 'cleaned' and will be available Autumn 2001. Fieldwork for the eleventh wave begins on Sept 1 2001.
- 5.5 The BHPS is available through the UK Data Archive (<http://www.data-archive.ac.uk>) Initial BHPS enquiries should be addressed to: [John Brice](#), telephone +44 (0)1206 873543.

## **6. How is the British Household Panel Survey organised?**

- 6.1 Work on collecting data for the BHPS started in 1990 using a nationally representative sample of households. The first 'wave' of data became available in 1991. However, with aging and attrition of members etc., the sample has gradually become less representative.
- 6.2 All adults over the age of 16 years in the household are interviewed. When a member is unavailable, a proxy interview may be accepted.
- 6.3 The initial sample of households was drawn from the Postcode Address File (PAF)
- 250 areas were sampled from PAF (primary sampling units, PSUs)
  - Approximately 33 addresses were sampled in each PSU.
  - Persons in institutions at Wave 1 were excluded
- 6.4 No PSUs were selected north of the Caledonian Canal in Scotland (i.e. BHPS excludes North and West Highlands because they are sparsely populated). Northern Ireland was also excluded but some data have been included from 1997 (for ECHP) and the province will be properly sampled for Wave 10.
- Sample additions since wave 1:  
Incorporation of ex-ECHP subsample (oversamples low-income households, incl NI) beginning in 1997.  
Welsh and Scottish Household Panels beginning 1999 (can both stand alone and integrate into core BHPS). These samples have been added to study the effects of devolution.
- 6.5 The following rules determined who was interviewed after wave 1:
- All individuals present in wave 1 sampled households are termed Original Sample Members (OSMs): OSMs are always followed even if they leave to join or form new households.
  - Persons moving into households after wave 1 (or forming households with OSMs) become Temporary Sample Members (TSMs; followed while in hhd with OSM)
  - Children born to OSMs (TSM parent of OSM child becomes PSM)
- 6.6 Attrition: wave on wave incremental loss of survey members

Table 1. provides an overview of the interview record since wave 1 respondents were interviewed. The table shows that:

- 10,264 interviews were conducted in wave 1 (1990 to 1991).
- Of the original respondents, 6,080 have been interviewed across all nine waves.
- A considerable proportion of panel members have been lost permanently through death, refusal, loss of contact. However, inspection of the data files shows that a large number of the remaining 4,184 individuals (i.e. 10,264 – 6,080) have not necessarily been lost to the survey: some have been interviewed on occasional years since wave 1 (i.e. data records may be missing for one wave, but the individual may re-appear in the records one or two years later). An estimate of the actual numbers affected in this way is not available for this report.

**Table 1. Number interviewed by wave, and wave at which individuals entered the BHPS**

Number of waves interviewed	Wave entered . . . .									Total number interviewed
	Wave 1	Wave 2	Wave 3	Wave 4	Wave 5	Wave 6	Wave 7	Wave 8	Wave 9	
1 wave only	970	272	183	198	154	204	372	159	5428	7940
2 waves	663	108	79	61	70	72	277	384		1714
3 waves	479	60	41	37	30	38	1724			2409
4 waves	425	26	25	29	44	292				841
5 waves	326	36	15	35	219					631
6 waves	294	32	47	236						609
7 waves	359	47	225							631
8 waves	668	294								962
All 9 waves	6080									6080
Total interviews for individuals entering BHPS	10264	875	615	596	517	606	2373	543	5428	21817

## 7. BHPS data files: what is available

7.1 The BHPS necessarily has a complex structure:

- data is available at individual-level and household-level;
- everything repeats annually;
- there are inter-wave histories;
- there are 87 plus data files as of Wave 9.

But despite this complexity it has a fairly rational, easy-to-use structure:

- file structures are consistent across waves;
- variables have consistent names (more so than GSOEP, ECHP);
- there is **very** detailed online documentation.

7.2 Analysis of the datasets requires a good knowledge of the Syntax programming language available in, for example, SPSS. It is essential for the user to use Syntax to extract the required data for each wave from the total BHPS dataset and then re-order the selected data into a working file that can be analysed using the standard range of statistical tools.

7.3 The BHPS is a household panel study, but in practice individuals are the real sample members:

- individuals have a permanent identifier, PID, that does not change;
- in each wave, each household has a wave-specific identifier, wHID;

- within each household, each individual has an identifier, *wPNO* (from 1 to household size).

Thus, individuals can be matched to households and across waves with a combination of identifiers. The information on these identifiers is held in the *XWAVEID* file.

7.4 The BHPS data files are available in SPSS, SAS and STATA formats. The main files for each wave are:

- *wEGOALT*: defines relationships between individuals within each household
- *wHHRESP*: data from the household questionnaire
- *wINDRESP*: data from the individual questionnaire
- *wJOBHIST*: inter-wave, monthly job history
- *wINCOME*: inter-wave, monthly income
- *wYOUTH*: youth questionnaire (from wave 4)

The *w* denotes the wave number.

7.5 In addition to the core individual and household files, there are additional files on retrospective life and employment histories (from Waves 2 and 3). From Wave 4 onwards, additional topics were introduced on an occasional, rotating basis. These include: neighbourhood and demographics, credit and debt, computer usage and ownership, crime, health and caring, values and opinions. It is important to note that a core set of questions on health, caring, values and opinions are asked on an annual basis.

7.6 Topics to be covered in future waves will include the following:

Wave 10: wealth and debt;

Wave 11: ageing and retirement;

Wave 12: parenting and childhood issues; IT usage;

Wave 13: social capital and neighbourhoods (to be confirmed);

Wave 14: job characteristics and health (to be confirmed);

Wave 15: wealth (to be confirmed).

7.7 There are two BHPS datasets which have been deposited with the Data Archive containing additional, derived variables and restructured data to facilitate the analysis of income and work-life histories.

- **Derived Net Income Variables for BHPS Waves 1-6:** This dataset provides net income variables for BHPS waves 1-6 for households in which all eligible adults gave a full interview.
- **Unified BHPS work-life histories:** The BHPS collects extensive labour market history information from its respondents, both during the panel period and retrospectively from labour market entry. This information is stored in multiple locations and is of varying levels of detail. This dataset brings the labour market information together in more convenient formats including both monthly calendar files and spell files.

## 7.8 Coverage by topics

The appendices list the variables that are available for individuals, households, income, job history, youths. An online summary is available for each questionnaire at, [Vol A, Table 1](#).

## **BHPS variables: main topics**

- Children & child care, other care
- Computers & computing
- Crime
- Education
- Background & attainments
- Education & training
- Employment: (including life-time employment history)
- Environmental Issues
- Ethnicity
- Family life
- Fertility
- Financial management
- Gender roles
- Geographic location & mobility
- Health
- Household changes
- Household consumption
- Consumer durables
- Food
- Heating & Fuel
- Home Improvements
- Housing: tenure, problems, mortgage, conditions
- Incomes
- Leisure activity
- Life events
- Marital & cohabitation history
- Neighbourhood & residence
- Newspaper readership
- Political support & behaviour
- Religion
- Roles of partners/spouses
- Domestic work
- Social & interest group activity & membership
- Social classification
- Social support networks
- Socio-demographic characteristics
- Time use
- Trade unions & union membership
- Transport
- Values, opinions & attitudes

7.9 Documentation on the BHPS is very comprehensive. Detailed documentation and complete questionnaires are available online: <http://www.iser.essex.ac.uk/bhps/doc/> This includes PDF versions of all related volumes, questionnaires and showcards.

Questionnaires are also online at CASS: <http://qb.soc.surrey.ac.uk/surveys/bhps/bhpsspace.htm> Questionnaires to 1995 and a useful overview

## **8. BHPS data files: sample sizes**

8.1 To use the BHPS effectively, it is important to have an appreciation of the size of the datasets available and the key sub-groups of individuals / households available for analysis. The following sections provide information on household type, ethnicity and labour force status for selected waves up to wave 9, and where available, a comparison with the 1991 population census.

### **8.2 Weights**

It is important to note that BHPS publish a series of weights that can be applied to the more important variables in the BHPS dataset (e.g. demography, labour force) to compensate for known bias.

### **8.3 Household types**

Table 2 provides a breakdown of individuals by household type in Wave 1 compared with household type for the 1991 census. A summary listing for each wave can be found in tables A2a and A2b (see tables in the appendix).

- 8.4 It should be noted that single person households are seriously under-represented in the BHPS compared to the GB population (13.7% of households are single person in the BHPS compared to 27% for the country as a whole) and couples with children are over-represented: 45.2% for the BHPS, 33% for the GB. There is some degree of under-representation of lone parents as well: 7.8% for BHPS against 10% for the GB.

**Table 2. Types of households, Wave 1.**

	Wave 1 numbers	Wave 1 percent	Percent GB households, 1991
Single non-elderly	599	5.8	11
Single elderly	814	7.9	16
Couple no children	2989	29.1	28
Couple: dependent children	3262	31.8	25
Couple: non-dependent children	1376	13.4	8
Lone parent: dependent children	395	3.8	6
Lone parent: non-dependent children	414	4.0	4
2+ Unrelated adults	250	2.4	3
Other households	165	1.6	1
Total	10,264	100.0	100

Source: BHPS and 1991 Census (reported in Social Trends, 1993)

Please note: there are some differences in definition of categories between the 1991 Census and BHPS

- 8.5 It is worth noting that numbers can vary considerably from wave to wave. If we look at lone parent families with dependent children as an example (table 3), we can see that the number of lone parents started at 395, fluctuated around the 400 mark until wave 7 when numbers increased by a third (to 555 families) as the booster sample for low income families (and NI) was included. There was a substantial increase again (to 778 lone parent families) in wave 9 with the booster samples for Scotland and Wales.

**Table 3. Lone parent families with dependent children, Waves 1 to 9, by sex.**

	Male	Female	Total
Wave 1	72	323	395
Wave 2	68	319	387
Wave 3	83	317	400
Wave 4	76	313	389
Wave 5	62	304	366
Wave 6	81	323	404
Wave 7	106	449	555
Wave 8	104	425	529
Wave 9	134	644	778

Source: BHPS

## 8.6 Changes in household types between waves

Table 4 provides a summary of the changes between household categories for two sample waves (waves 2 and 3). For example, 21.7% of lone parents with dependent children changed status over the course of a year; and, 15.3% of single non-elderly individuals changed status, mostly to form a 'couple', with or without children. The largest percentage point changes were for households with two or more unrelated adults

(38.2% changed status between waves 2 and 3), and smallest for single elderly (1% change).

See tables A4a and A4b in the appendix for a more complete analysis of changes in household type between waves 2 and 3.

**Table 4. Percentage of households in Wave 2 in same or different household-type category in Wave 3.**

	% same category Wave 2 and Wave 3	% different category Wave 2 and Wave 3
Single Non-Elderly	84.7	15.3
Single Elderly	99.0	1.0
Couple No Children	90.6	9.4
Couple: dep children	92.7	7.3
Couple: non-dep children	83.0	17.0
Lone parent: dep children	78.3	21.7
Lone parent: non-dep children	80.6	19.4
2+ Unrelated adults	61.8	38.2
Other Households	71.0	29.0

Source: BHPS

## 8.7 Ethnic group membership

96.1% of those who gave their ethnicity in Wave 1 were White (9,503 adults). As a consequence, ethnic minorities are not well represented in the BHPS: there are only data on 390 ethnic minority adults (3.9% of total) in wave 1 (see table 5 below). The 1991 Census puts the equivalent figure for ethnic minorities in the GB at 5.5%. The small numbers of ethnic minority individuals in BHPS raise serious doubts about the viability of BHPS for some kinds of data analysis.

**Table 5. Ethnic group membership, Wave 1**

	Frequency	% of those who responded
Missing or wild	10	-
Proxy respondent	352	-
Refused	9	-
White	9503	96.1
		6.1
Black-Caribbean	67	0.7
Black-African	45	0.5
Black-Other	26	0.3
Indian	107	1.1
Pakistani	44	0.4
Bangladeshi	8	0.1
Chinese	10	0.1
Other ethnic group	83	0.8
<b>Total</b>	<b>10264</b>	<b>100.0</b>

Source: BHPS

## 8.8 Labour force status

Table 6 provides a summary of the numbers and percentages of individuals over 16 years of age in ten labour force categories for Wave 1. It is important to note that the BHPS collects more detailed information on the labour force status of individuals than the 1991 Census. However, most users should be able to construct labour force variables from the BHPS to meet their analytical needs. One way and another, it is important to check the variable definitions from the supporting BHPS documentation.

**Table 6. Labour force status of individuals aged over 16 years of age, Wave 1**

	Wave 1, numbers	Wave 1, GB percent, percent	1991 Census
Self-employed	760	7.7	7.0
Employed	4974	50.2	47.6
Unemployed	535	5.4	5.7
Govt training scheme	37	0.4	0.8
Retired	1763	17.8	19.0
Full time student	398	4.0	3.8
Long term sick or disabled	266	2.7	4.1
Maternity leave	13	0.1	n/a
Family care	1132	11.4	n/a
Other	34	0.3	n/a
Total other (1991 census)	n/a	n/a	12.1
<b>Total</b>	<b>9912</b>	<b>100.0</b>	<b>100.0</b>

Source: BHPS and UK Census, 1991

Please note: there are some differences in definition of categories between the Census and BHPS

- 8.9 The distribution of labour force status of individuals in the BHPS corresponds much more closely to the 1991 Census (than for household type and ethnicity, as discussed above). Table 6 shows, for example, that 5.7% of those over 16 years of age in the 1991 Census were unemployed compared to 5.4% in the BHPS. For those classified as 'employed', the equivalent figures were 47.6% for the Census, 50.2% for the BHPS. Tables A6a and A6b in the appendix show labour force status of all respondents across all nine waves.
- 8.10 Table 7 provides information on movement between labour force statuses for two sample waves (waves 2 and 3). For example, over the space of a year, more than half of unemployed individuals (53.4%) changed labour force status (mostly into employment). One quarter of the long-term sick and disabled (25.4%) also changed status: mostly into retirement (11.4%), unemployment (6.1%) and employment (3.4%). See tables A7a and A7b in the appendix for a more complete analysis of changes in labour force status between waves 2 and 3.

**Table 7. Percentage of individuals by labour force category in Wave 2 in same or different labour force category in Wave 3.**

	% same category Wave 2 and Wave 3	% different category Wave 2 and Wave 3
Self-employed	81.2	18.8
Employed	89.5	10.5
Unemployed	46.6	53.4
Govt training scheme	26.1	73.9
Retired	91.0	9.0
Full time student	67.8	32.2
Long term sick, disabled	74.6	25.4
Maternity leave	0.0	100.0
Family care	66.6	33.4
Other	18.8	81.2
<b>Total</b>	<b>9912</b>	<b>100.0</b>

Source: BHPS

### 8.11 Occupational status

BHPS provide data on occupational status / social class position of individuals using seven different scales (data are also available for SIC codes):

wmrjseg	Socio economic group: most recent job
wmrjgold	Goldthorpe Class: most recent job
wmrjrgsc	RG Social Class: most recent job
wmrjisco	International SOC: most recent job
wmrjcsm	Cambridge Scale M: most recent job
wmrjcspf	Cambridge Scale F: most recent job
wmrjhgs	Hope-Goldthorpe Scale: most recent job

Casual inspection of these files suggests that occupational status data are prone to the same problems of mis-allocation to status categories as other social surveys. Nevertheless, there are good grounds for believing that BHPS occupational status data are more accurate than those available from a wide range of other surveys.

## 9. Working with BHPS files

9.1 Household Panel Studies provide opportunities for analysis at a number of different levels. These are:

9.1.1 Household versus individual

9.1.2 Individual at one point in time versus individual over time

9.1.3 Sub-units within households

- (nuclear) families
- benefit or tax units
- couples
- parent-child pairs

9.1.4 Sub-units 'within' individuals

- Labour force spells
- Marital / cohabitation spells
- Payments received (e.g. monthly income)

9.2 The real strength of BHPS lies in the opportunities for longitudinal analysis. However, the term 'longitudinal' is ambiguous. It can refer to:

- 9.2.1 repeated measurement: data are collected at (approximately) even-spaced, discrete, observation points - pure *panel* longitudinal data;
- 9.2.2 event history: data are collected discretely on all changes of state within the panel period (or retrospectively). Events are captured that occur only occasionally / stay constant for considerable periods of time, e.g. place of residence, number of children, job;
- 9.2.3 state history: data are collected continuously or can be aggregated over short periods, e.g. monthly income data, time-use diary data.

It is important to note that BHPS contains all three types of longitudinal data.

9.3 It was noted in para 7.2 above that a first step in working on BHPS data is to select a subset of variables from the total BHPS dataset to create a working file (a knowledge of SPSS syntax, or STATA, SAS equivalents, is required for this). In practical terms, once a working file has been created, it is relatively easy to perform frequency counts, cross-tabulations etc. for a single wave or between two waves. The real difficulty comes when attempting to analyse change over a sequence of years (i.e. when looking for associations / causality across more than two waves). Examples of suitable types of regression analysis available for longitudinal analysis are discussed below.

#### 9.4 Loglinear models

Loglinear modelling techniques are useful for examining two time-points where we wish to look for associations between the state at one wave against the state at a subsequent wave.

Tables A7a and A7b provide a case in point: in this instance, labour force status in wave 2 is cross-tabulated against status in wave 3. If we applied a standard  $\chi^2$  test, there would be no obvious null hypothesis of interest because the majority of people remain in the same state. In this condition, waves 2 and 3 labour force status are not independent of one another.

Loglinear modelling is useful in looking for associations off the diagonal, i.e. once one dimensional associations are accounted for (on the diagonal), the technique can look for associations of interest elsewhere in the distribution, for example, between movements of unemployed individuals into employment against long-term sickness or 'family care'. For more information consult:

J.A. Hagenars (1990) *Categorical longitudinal data: log-linear panel trend and cohort analysis*, Newbury Park: Sage.

A. Dale & R.B. Davies (1994) *Analysing social and political change*, London: Sage.

#### 9.5 Duration models / hazard models

We may wish to investigate the length of time individuals exist in one state, e.g. in unemployment, before changing to another state, e.g. employment. Duration models allow us to look for the characteristics that raise the expected duration of unemployment or lower it. However, panel surveys present a problem for this kind of analysis because

many observations will be ‘censored’, i.e. the unemployment state may have existed before data collection began or may be ongoing at the point of the last available wave.

Hazard modelling provides a means for dealing with the censored data problem by shifting the focus from duration to person-time-units (‘hazard’ as the probability of being ‘at risk’ of exiting from one state to another). Thus it is possible to model exits from, say, unemployment after a given number of months.

There are a number of different methods for hazard modelling, including exponential models, Weibull and Gompertz models, Cox proportional hazard model. For more information consult:

P.D. Allison (1984) *Event history analysis: regression for longitudinal event data*, Sage University Paper series, Quantitative applications for the social sciences, 46.

H-P Blossfeld & G. Rohwer (1995) *Techniques of event history modelling*, Hillsdale NJ: Lawrence Erlbaum.

## **9.6 Fixed and random effect, cross-sectional, time-series models**

Using repeated observations for individuals from wave to wave creates a problem for analysis because the observations are not independent of one another. There is a problem, for example, in using last year’s observations of, say, unemployment to explain this year’s observations of unemployment. However, this issue can be used to advantage by using the repetition to obtain better parameter estimates. If we are interested in fixed or random individual differences to explain the variation in phenomena, appropriate models can be applied which take account of the repetition.

For more information consult:

W. Greene (1991) *Econometric analysis*, New York: Macmillan.

## **9.7 Multi-level models**

If we are interested in explaining the variation in a phenomenon, say, personal expenditure over time, it may be possible to obtain a better fit with the available data by using a multi-level model, i.e. one which allows variables to enter into the model at different ‘levels’ of the analysis. Thus, it may be possible to develop a model that takes account of:

- level 1: characteristics of the individual, such as occupation, age;
- level 2: characteristics of the household, such as size, number of children;
- level 3: characteristics of the local economy, such as industrial mix, stage in economic cycle.

A model that allows variables to enter at different stages is more likely to reflect the realities of domestic and local economic life and produce better estimates of effects.

For more information consult:

I. Plewis (1985) *Analysing change*, Chichester: Wiley.

A. Dale & R.B. Davies (1994) *Analysing social and political change*, London: Sage.

## **9.8 Sequence analysis**

Each individual (or household) in the BHPS has a ‘pattern’ to their lives in terms of employment, occupation, personal activities, marital status and so on. It may be useful to look for similarities between individuals in terms of the ‘trajectories’ of their lives. For example, we may be interested in patterns of movement of lone parents from unemployment into employment and their methods of dealing with ‘barriers’ to employment.

However, it is inherently difficult to model the complete trajectory of the lives of thousands of individuals across all nine waves of the BHPS. 'Optimal matching' is a form of exploratory regression analysis which provides one means of exploring the BHPS dataset. It works by counting the number of operations that are needed to turn one sequence into another. On the basis of such calculations, it is possible to form an empirical typology by clustering similar sequences to generate sets of groups. It is important to note that this form of analysis is exploratory rather than explanatory.

For examples of this kind of analysis consult:

S. Sherer (2001) *Early Career Patterns: A Comparison of Great Britain and West Germany*, European Sociological Review, vol. 17, no. 2. pp. 119-144.

B Halpin & TW Chan (1998) *Class careers as sequences: an optimal matching analysis of work-life histories*, European Sociological Review, vol. 14, no. 2., pp. 111-130.



## Section C

### Other national and international household panel surveys

Please note that the text for sections 10 to 14 has been obtained from the relevant survey websites and edited for the Guide. Please go to the named websites for more information.

#### 10. European Community Household Panel Survey (ECHP)

10.1 The ECHP survey presents micro-level (persons/households) data on income, living conditions, housing, health and work in the EU. This covers **all** EU member states and is the most closely co-ordinated component of the EU system of social surveys. The survey follows the same private households and persons over consecutive years from 1994 onwards. In 1995 over 60,000 households were surveyed. Data for the UK are provided by BHPS.

10.2 Data are available for households, individuals and for relations between individuals. Topics covered in the two main files are:

<b>Household file</b>	<b>Personal file</b>
General information	General information
Demographic information	Demographic information
Income	Employment
Financial situation	Unemployment
Accommodation	Search for a work
Possessions	Previous job
Children	Calendar of activities
	Income
	Education and training
	Health
	Social relations
	Migration
	Satisfaction information

See Appendix 6 for a complete listing of variables available through ECHP.

10.3 This database is only available in its entirety on cd-rom. Dissemination of the database is restricted and subject to the discretion of Eurostat.

10.4 **r-cade and the ECHP survey:** to assess whether the ECHP data is of interest to you, r-cade has all the relevant documentation <http://www-rcade.dur.ac.uk/echp/>. In order to gain access to the data, you will need to sign a contract with Eurostat.

Eurostat's policy on access to ECHP is described in Eurostat's Statistics in Focus newsletters, and at this [Website](#).

#### 11 The PACO Project

##### 11.1 Introduction

The **PACO** ( **P**anel **C**omparability) Project provides an international comparative database integrating micro-data from various national household panels over a large

number of years. PACO is administered by CEPS/INSTEAD, Luxembourg. The data archive includes household panel survey data from both Europe and America.

#### 11.2 PACO consists of two data resources: the PACO Database and the Paco Panel Data Archive.

- The **PACO Database** contains harmonised and consistent variables and identical data structures for each country included.
- The **PACO Panel Data Archive** contains original, **not** harmonized, variables. However, the original data have been transformed from different platforms and formats into one common format: SPSS system files for Windows on the PC. National Documentation on the original panel studies has been collected at the PACO data centre. Parts of this documentation are available in paper form (questionnaires, handbooks), other parts are available as Word-Perfect files and as meta-data programs on the PC. Panel data sets are available (currently) for ten countries.

#### 11.3 Information is available:

- on households and individuals at the micro level;
- per single years; and,
- as longitudinal information.

The complete database has a size of 250 MB and is available on a CD-Rom from CEPS/INSTEAD.

#### 11.4 Advantages of PACO

The PACO approach - using highly standardised variables and files - facilitates the analysis of cross-national panel data. CEPS/INSTEAD claim that:

- macro utilities enable the user to retrieve and to match the PACO data;
- the PACO data structure makes it possible to write global analysis programs;
- standard analysis programs can be run for different countries and different periods with no need to modify the underlying SPSS (Macro) programs;
- the processing of PACO files is easier than analysing the original panel studies;
- the researcher need not become familiarised with the individual panel's data organisation.

The PACO user has the possibility of processing those original variables in the panel studies that have not been made comparable. The researcher can simultaneously access original variables from the PACO Data Archive and harmonised variables from the PACO Database.

## 11.5 Available Countries in the PACO DATA ARCHIVE

Country	Available Years	Households / Persons	Source
Belgium	92	n/a	<a href="#">PSBH</a>
France (Lorraine)	85-90	2,100 / 7,500	ESEML
Germany	84-97	5,900 / 12,200	<a href="#">SOEP</a>
Hungary	92-97	2,100 / 5,800	<a href="#">HHP</a>
Luxembourg	85-94	2,000 / 6,000	<a href="#">PSELL</a>
Poland	87-90 / 94-96	3,700 / 12,600	PHP
Spain (Galicia)	92-93	1,800 / 6,500	GES
Sweden	84,86,88,91	n/a	<a href="#">HUS</a>
USA	68-92	5,500 / 13,800	<a href="#">PSID</a>
UK	91-98	6,800 / 19,400	<a href="#">BHPS</a>

## 11.6 Variables available in the PACO Database

- Income (**66**)
- Organizational variables (**14**)
- Demography (**16**)
- Housing (**1**)
- Labour Force (**29**)
- Time use (**4**)
- Education (**3**)
- Weighting (**4**)

A full listing of the available variables is provided in Appendix 7

The Variable Specification for the PACO Database (Word 95 / 7.0) can be downloaded from the PACO database.

## 11.7 Access to the PACO Database

Researchers using PACO have to sign an agreement concerning data use and privacy regulations. You are obliged to submit research papers containing PACO results for inclusion into the working paper series of CEPS/INSTEAD. At present the distribution of PACO data to outside users is restricted: the PACO Database (containing harmonised data and documentation) can be accessed by outside users, but **not** the PACO Panel Archive.

## 11.8 More information can be obtained from the [PACO Database](#) website and from the administrator:

**Günther Schmaus**

**Tel: (00352) 58 58 55 - 509**

**Fax: (00352) 58 55 88**

**E-mail: [gunther.schmaus@ci.rech.lu](mailto:gunther.schmaus@ci.rech.lu)**

## 12 CHER: Consortium of Household Panels for European Socio-economic Research

12.1 CHER was established as a feasibility study for developing and enhancing a comparative database of longitudinal household studies across countries. It can be thought of as the next step in development from PACO. It aims to harmonize and integrate micro datasets from a large variety of independent national panels and from the European Community Household Panel. Data is available on family structures, education, labour force participation, income distribution, poverty, problems of the elderly etc. CHER has received financial support from the Fifth Framework Programme of the European Union and is scheduled to run from 1 February 2000 to 31 January 2003.

12.2 The main work of the consortium is to create the comparative micro database of CHER. This will contain comparable variables transformed according to a common plan and will be built by using standardized international classifications where available. Information in these files will be available (a) for households and individuals on the micro level, (b) for single years and (c) as longitudinal information, all of them linked to macro and institutional data. The comparative database will contain harmonized and consistent variables and identical data structures for each country included: 14 EU countries, Poland, Hungary, Canada and USA. The data will be stored as system files for the statistical packages SPSS, SAS and Stata. They will contain identical variable names, labels, values and data structures. Each country file will be adequately anonymized and can therefore be rated as a scientific use file. On the basis of dissemination rules agreed between the Consortium and the data owners, the database will be made available on a CD-ROM and will be distributed to the scientific community, under appropriate rules for confidentiality and data protection.

### 12.3 Datasets available and coverage from 1990

Country	90	91	92	93	94	95	96	97	98	99	00	...
Austria						X	X	X	X	X	X	X
Belgium			X	X	X	X	X	X	X	X	X	X
Canada				X	X	X	X	X	X	X	X	X
Denmark					X	X	X	X	X	X	X	X
Finland							X	X	X	X	X	X
France					X	X	X	X	X	X	X	X
Germany	X	X	X	X	X	X	X	X	X	X	X	X
Greece					X	X	X	X	X	X	X	X
Hungary			X	X	X	X	X	X				
Ireland					X	X	X	X	X	X	X	X
Italy					X	X	X	X	X	X	X	X
Luxembourg					X	X	X	X	X	X	X	X
Netherlands				X	X	X	X	X	X	X	X	X
Poland II					X	X	X					
Poland III								X	X	X		
Spain					X	X	X	X	X	X	X	X
Switzerland										X	X	X
UK			X	X	X	X	X	X	X	X	X	X
USA	X	X	X	X	X	X	X	X	X	X	X	X
<b>Total countries</b>	<b>2</b>	<b>2</b>	<b>5</b>	<b>7</b>	<b>15</b>	<b>16</b>	<b>17</b>	<b>17</b>	<b>16</b>	<b>17</b>	<b>16</b>	<b>16</b>

Note: Panel data for the USA are also available from 1980.

**Co-ordinator :**  
[CEPS/INSTEAD Differdange, Luxembourg](#)

**Partners:**

[DIW Berlin, Germany](#)

[ISER Essex University, UK](#)

[Institut du Longitudinal, LASMAS, Caen](#)

[\(France\)](#)

[CEIS Rome, Italy](#)

[Department of Economics, Universidad Carlos](#)

[III \(Madrid\)](#)

[TARKI Budapest, Hungary](#)

[University of Warsaw, Dept. of Economics,](#)

[Poland](#)

[WORC/TISSER at KUB University, Tilburg,](#)

[Netherlands](#)

[UIA Antwerp, Belgium](#)

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**13. CNEF (Cross National Equivalent Files)**

CNEF is a similar database of longitudinal household panel data files to PACO and CHER. It contains a larger set of variables but for only four countries: Germany (GSOEP), UK (BHPS), United States (PSID) and Canada (SLID). It is managed from Cornell University, Ithaca by Richard Burkhauser ([rvb1@cornell.edu](mailto:rvb1@cornell.edu)). For further information contact the administrator, Florence Allen ([fa21@cornell.edu](mailto:fa21@cornell.edu)).

**14. National Household Panel Studies**

14.1 Other longitudinal household panel surveys which are available include:

[Austrian Panel \(Hilda\)](#)

[Hungarian Panel \(HHP\)](#)

[Belgium Panel \(PSBH\) in Flemish](#)

[Luxembourg Panel \(PSELL\)](#)

[Belgium Panel \(PSBH\) in French](#)

[Dutch panel \(OSA\)](#)

[British Panel \(BHPS\)](#)

[Polish Panel \(PHP\)](#)

[Canadian Panel \(SLID\) : " Search for SLID"](#)

[Swedish Panel \(HUS\)](#)

[French \(Lorraine\) Panel \(ESEML\)](#)

[Swiss Panel \(SHP-PSM\) US Panel \(PSID\)](#)

[German Panel \(SOEP\)](#)

## **14.2 Comparable Household Panel Data:**

[ECHP Belgium](#)

[European Community Household Panel Survey](#)

[Variable Lists for PACO, ECHP, LIS and](#)

[LES: Query](#)

[French ECHP \[CNIS\]](#)

[ECHP: Wissenschaftsforum -](#)

[Mikrodatenfiles/Scientific-Use-Files,](#)

[Europäisches Haushaltspanel](#)

[PSID-GSOEP Equivalent File](#)

[PACO Database](#)

## **14.3 Comparable Cross-sectional data:**

[LES Home Page](#)

[Luxembourg Income Study Home Page](#)

[ISSP - Title](#)

[UN/ECE POPULATION ACTIVITIES UNIT/Fertility and Family Survey MTUS - Links](#)

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**Table A2a. Household Type for Waves 1 to 9, numbers**

	Wave 1	Wave 2	Wave 3	Wave 4	Wave 5	Wave 6	Wave 7	Wave 8	Wave 9
Single Non-Elderly	599	580	617	613	592	595	713	685	1097
Single Elderly	814	753	739	721	711	684	913	904	1280
Couple No Children	2989	2824	2754	2693	2734	2764	3258	3274	4721
Couple: dependent children	3262	2856	2816	2961	2768	2927	3288	3240	4563
Couple: non-dependent children	1376	1507	1412	1232	1275	1205	1477	1396	1906
Lone par: dependent children	395	387	400	389	366	404	555	529	778
Lone par: non-dependent children	414	443	397	383	372	361	476	452	604
2+ Unrelated adults	250	309	295	312	282	329	325	218	377
Other Households	165	186	170	177	149	169	188	208	299
Total	10264	9845	9600	9481	9249	9438	11193	10906	15625

**Table A2b. Household Type for Waves 1 to 9, percentages**

	Wave 1	Wave 2	Wave 3	Wave 4	Wave 5	Wave 6	Wave 7	Wave 8	Wave 9
Single Non-Elderly	5.8	5.9	6.4	6.5	6.4	6.3	6.4	6.3	7.0
Single Elderly	7.9	7.6	7.7	7.6	7.7	7.2	8.2	8.3	8.2
Couple No Children	29.1	28.7	28.7	28.4	29.6	29.3	29.1	30.0	30.2
Couple: dependent children	31.8	29.0	29.3	31.2	29.9	31.0	29.4	29.7	29.2
Couple: non-dependent children	13.4	15.3	14.7	13.0	13.8	12.8	13.2	12.8	12.2
Lone par: dependent children	3.8	3.9	4.2	4.1	4.0	4.3	5.0	4.9	5.0
Lone par: non-dependent children	4.0	4.5	4.1	4.0	4.0	3.8	4.3	4.1	3.9
2+ Unrelated adults	2.4	3.1	3.1	3.3	3.0	3.5	2.9	2.0	2.4
Other Households	1.6	1.9	1.8	1.9	1.6	1.8	1.7	1.9	1.9
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

**Table A4a. Household Type, Wave 2 by Household Type, Wave 3, numbers**

Household Type, Wave 3		Single Non-Elderly	Single Elderly	Couple No Children	Couple: dep children	Couple: non-dep children	Lone par: dep children	Lone par: non-dep children	2+ Unrelated adults	Other Households	Total
Household type	Single Non-Elderly	447	12	34	11	8	3	3	10		528
	Single Elderly		663	5	1				1		670
Wave 2	Couple No Children	40	29	2299	98	47	2	7	7	9	2538
	Couple: dep children	19		14	2420	91	49	1	4	13	2611
	Couple: non-dep children	26		145	8	1097	7	21	9	8	1321
	Lone par: dep children	6		8	33	1	270	20	4	3	345
	Lone par: non-dep children	27	6	17	3	6	3	312	2	11	387
	2+ Unrelated adults	24	5	24	3	10	2	1	118	4	191
	Other Households	3	6	9	12	10	1		1	103	145
<b>Total</b>		<b>592</b>	<b>721</b>	<b>2555</b>	<b>2589</b>	<b>1270</b>	<b>337</b>	<b>365</b>	<b>156</b>	<b>151</b>	<b>8736</b>

**Table A4b. Household Type, Wave 2 by Household Type, Wave 3, percentages**

Household type, Wave 3		Single Non-Elderly	Single Elderly	Couple No Children	Couple: dep children	Couple: non-dep children	Lone par: dep children	Lone par: non-dep children	2+ Unrelated adults	Other Households	Total
Household type	Single Non-Elderly	84.7	2.3	6.4	2.1	1.5	0.6	0.6	1.9		100.0
	Single Elderly		99.0	0.7	0.1				0.1		100.0
Wave 2	Couple No Children	1.6	1.1	90.6	3.9	1.9	0.1	0.3	0.3	0.4	100.0
	Couple: dep children	0.7		0.5	92.7	3.5	1.9	0.0	0.2	0.5	100.0
	Couple: non-dep children	2.0		11.0	0.6	83.0	0.5	1.6	0.7	0.6	100.0
	Lone par: dep children	1.7		2.3	9.6	0.3	78.3	5.8	1.2	0.9	100.0
	Lone par: non-dep children	7.0	1.6	4.4	0.8	1.6	0.8	80.6	0.5	2.8	100.0
	2+ Unrelated adults	12.6	2.6	12.6	1.6	5.2	1.0	0.5	61.8	2.1	100.0
	Other Households	2.1	4.1	6.2	8.3	6.9	0.7		0.7	71.0	100.0

**Table A6a. Labour force status of individual respondents: numbers**

	Wave 1	Wave 2	Wave 3	Wave 4	Wave 5	Wave 6	Wave 7	Wave 8	Wave 9
Self-employed	760	756	732	713	700	721	757	707	975
Employed	4974	4756	4674	4639	4611	4741	5584	5481	7669
Unemployed	535	573	551	513	398	393	414	372	592
Retired	1763	1685	1687	1658	1662	1658	2194	2148	3321
Maternity leave	13	21	29	35	40	34	25	43	50
Family care	1132	1109	933	913	835	819	969	909	1134
FT student	398	567	596	617	619	673	693	600	895
LT sick, disabled	266	303	335	334	342	346	502	460	693
Govt training scheme	37	53	37	46	26	25	25	17	32
Other	34	21	18	7	14	12	22	13	99
Total	9912	9844	9592	9475	9247	9422	11185	10750	15460

**Table A6b. Labour force status of individual respondents: percentages**

	Wave 1	Wave 2	Wave 3	Wave 4	Wave 5	Wave 6	Wave 7	Wave 8	Wave 9
Self-employed	7.7	7.7	7.6	7.5	7.6	7.7	6.8	6.6	6.3
Employed	50.2	48.3	48.7	49.0	49.9	50.3	49.9	51.0	49.6
Unemployed	5.4	5.8	5.7	5.4	4.3	4.2	3.7	3.5	3.8
Retired	17.8	17.1	17.6	17.5	18.0	17.6	19.6	20.0	21.5
Maternity leave	.1	.2	.3	.4	.4	.4	.2	.4	.3
Family care	11.4	11.3	9.7	9.6	9.0	8.7	8.7	8.5	7.3
FT student	4.0	5.8	6.2	6.5	6.7	7.1	6.2	5.6	5.8
LT sick, disabled	2.7	3.1	3.5	3.5	3.7	3.7	4.5	4.3	4.5
Govt training scheme	.4	.5	.4	.5	.3	.3	.2	.2	.2
Other	.3	.2	.2	.1	.2	.1	.2	.1	.6
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

**Table A7a. Labour force status, Wave 2 by labour force status, Wave 3, numbers**

Labour force status, Wave 3												
		Self-employed	Em-ployed	Unem-ployed	Retired	Maternity leave	Family care	FT student, school	LT sick, disabled	Govt training scheme	Other	Total
Labour force status, Wave 2	Self-employed	556	67	24	13	1	14	1	6	1	2	685
	Employed	77	3853	127	78	26	81	32	28		5	4307
	Unemployed	23	120	212	17		30	11	29	11	2	455
	Retired	7	15	8	1348		70		33		1	1482
	Maternity leave		16	1			3					20
	Family care	11	120	32	141	1	668	3	24		3	1003
	FT student, school	4	93	38			2	306	1	7		451
	LT sick, disabled		9	16	30		10	1	197	1		264
	Govt training scheme	1	19	10			3		1	12		46
	Other	1	2		2		3	2	3		3	16
<b>Total</b>		<b>680</b>	<b>4314</b>	<b>468</b>	<b>1629</b>	<b>28</b>	<b>884</b>	<b>356</b>	<b>322</b>	<b>32</b>	<b>16</b>	<b>8729</b>

**Table A7b. Labour force status, Wave 2 by labour force status, Wave 3, percentages**

Labour force status, Wave 3												
		Self-employed	Em-ployed	Unem-ployed	Retired	Maternity leave	Family care	FT student, school	LT sick, disabled	Govt training scheme	Other	Total
Labour mrkt status, Wave 2	Self-employed	81.2	9.8	3.5	1.9	0.1	2.0	0.1	0.9	0.1	0.3	100.0
	Employed	1.8	89.5	2.9	1.8	0.6	1.9	0.7	0.7		0.1	100.0
	Unemployed	5.1	26.4	46.6	3.7		6.6	2.4	6.4	2.4	0.4	100.0
	Retired	0.5	1.0	0.5	91.0		4.7		2.2		0.1	100.0
	Maternity leave		80.0	5.0			15.0					100.0
	Family care	1.1	12.0	3.2	14.1	0.1	66.6	0.3	2.4		0.3	100.0
	FT student, school	0.9	20.6	8.4			0.4	67.8	0.2	1.6		100.0
	LT sick, disabled		3.4	6.1	11.4		3.8	0.4	74.6	0.4		100.0
	Govt training scheme	2.2	41.3	21.7			6.5		2.2	26.1		100.0
	Other	6.3	12.5		12.5		18.8	12.5	18.8		18.8	100.0

**Table A8. Labour force status, Wave 1 by Household Type, Wave 1**

Household Type, Wave 1		Single Non- Elderly	Single Elderly	Couple No Children	Couple: dep children	Couple: non-dep children	Lone par: dep children	Lone par: non-dep children	2+ Unrelated adults	Other House- holds	Total
Labour	Self employed	59	11	213	314	105	12	21	15	10	760
mrkt status,	In paid employment	373	33	1338	1871	842	153	184	115	65	4974
Wave 1	Unemployed	63		103	186	74	33	45	21	10	535
	Retired	21	640	880	18	89	4	52	17	42	1763
	Family care	11	117	234	479	107	134	34	3	13	1132
	FT student	12	2	19	213	23	42	10	71	6	398
	Long term sick/disabled	51	8	93	43	34	6	20	5	6	266
	On maternity leave			5	6	1				1	13
	Govt training scheme	6		2	17	9	1	1	1		37
	Something else	3	3	5	13	6		4			34
<b>Total</b>		<b>599</b>	<b>814</b>	<b>2892</b>	<b>3160</b>	<b>1290</b>	<b>385</b>	<b>371</b>	<b>248</b>	<b>153</b>	<b>9912</b>

## Appendix 1: BHPS Individual Response Variables

NB: it is important to note that variables on a similar topic are not always grouped together. For example, labour force variables can be found listed with several different groups of variables. See especially the 'composite' variables listed toward the end of Appendix 1.

ahid	Household identification number	aqfm	Qualifications: Univ/CNAA higher degree
apno	Person number	aqfn	Post school qualifications: other
adoid	Date of interview: day	aqfed	Has listed school qualification
adoim	Date of interview: month	aqfedb	Qualifications: any CSEs grade 2-5
aivsoih	Hour interview began	anqfedb	Qualifications: No. CSEs grade 2-5
aivsoim	Minute interview began	aqfedc	Qualifications: any CSEs grade 1
alknbrd	Likes present neighbourhood	anqfedc	Qualifications: No. CSEs grade 1
alkmove	Prefers to move house	aqfedd	Qualifications: any GCSEs grade D-G
alkmovy	Prefers to move: main reason	anqfedd	Qualifications: No. GCSEs grade D-G
aplever	Always resident at present address	aqfede	Qualifications: any GCSEs grade A-C
aplnowm	Month moved to present address	anqfede	Qualifications: No. GCSEs grade A-C
aplnowy	Year moved to present address	aqfedf	Qualifications: any O levels pre-1975
aplb4d	District of previous residence	anqfedf	Qualifications: No. O levels pre-1975
aplb4c	Country of last residence	anqfedg	Qualifications: any OLs A-C post-1975
aplbord	District of birth	anqfedg	Qualifications: No. OLs A-C post-1975
aplborc	Country of birth	aqfedh	Qualifications: any OLs D-E post-1975
ayr2uk	Year came to Britain	anqfedh	Qualifications: No. OLs D-E post-1975
adobm	Month of birth	aqfedi	Qualifications: No. Higher school certs
adoby	Year of birth	aqfedj	Qualifications: any A levels
asex	Sex	anqfedj	Qualifications: No. A level passes
apaju	Father not working when resp. aged 14	aqfeda	Qualifications: any school cert/ matric
apasoc	Father's occupation (SOC), resp. aged 14	anqfeda	Qualifications: No. school cert/ matric
apasemp	Father self employed, resp. aged 14	aqfedk	Qualifications: any SCEs grade D-E or 4-5
apaboss	Father had employees, resp. aged 14	anqfedk	Qualifications: No. SCEs grade D-E or 4-5
apamngr	Father was manager, resp. aged 14	aqfedl	Qualifications: any O grades A-C or 1-3
amaju	Mother not working when resp. aged 14	anqfedl	Qualifications: No. O grades A-C or 1-3
amasoc	Mother's occupation (SOC), resp. aged 14	aqfedm	Qualifications: any standard grades 4-7
amasemp	Mother self employed, resp. aged 14	anqfedm	Qualifications: No. standard grades 4-7
amaboss	Mother had employees, resp. aged 14	aqfedn	Qualifications: any standard grades 1-3
amamngr	Mother was manager, resp. aged 14	anqfedn	Qualifications: No. standard grades 1-3
amlstat	Present legal marital status	aqfedo	Qualifications: any higher grades
aschool	Never went to /still at school	anqfedo	Qualifications: No. higher grade passes
ascend	School leaving age	aqfedp	Qualifications: any 6th year certs
asctype	Type of school attended	anqfedp	Qualifications: No. 6th year certs
ascnow	Still at school	aqfedq	Qualifications: any SLCs lower grade
afetype	Type of further education attended	anqfedq	Qualifications: No. SLC lower grades
afenow	Still in further education	aqfedr	Qualifications: any SLCs higher grade
afeend	Further education leaving age	anqfedr	Qualifications: No. SLCs higher grade
aqfhas	Has listed post school qualification	aqfeds	Qualifications: any others
aqfa	Qualifications: youth training cert	anqfeds	Qualifications: No. of others
aqfb	Qualifications: trade apprenticeship	aeaage	Whether working age
aqfc	Qualifications: clerical or commercial	aednew	Any training/education since 1.9.90
aqfd	Qualifications: City and Guilds Pt I	aednew1	Job training: to develop general skills
aqfe	Qualifications: City and Guilds Pt II	aednew2	Job training: to prepare for future job
aqff	Qualifications: City and Guilds Pt III	aednew3	Job training: to increase skills
aqfg	Qualifications: ONC OND BEC Gen cert	aednew4	Job training: to improve skills
aqfh	Qualifications: HNC HND BEC Higher cert	aednewd	No. of days training/educ since 1.9.90
aqfi	Qualifications: nursing SEN SRN SCM	apaperr	Newspapers: normally reads a daily
aqfj	Qualifications: teaching	apaper1	Newspapers: 1st one mentioned
aqfk	Qualifications: university diploma	apaper2	Newspapers: 2nd one mentioned
aqfl	Qualifications: Univ/CNAA first degree	apaperm	Newspaper most frequently read
		apaperp	Own newspapers politics
		aivda	IC: demog section respondent alone
		aivdb	IC: demog section partner present
		aivdc	IC: demog section other adults present
		aivdd	IC: demog section children present
		ahlstat	Health over last 12 months
		ahlzest	Energy compared with people of same age
		ahldsbl	Registered disabled
		ahlprb	Health problems: none
		ahlprb1	Health problems: 1st mention
		ahlprb2	Health problems: 2nd mention

ahlprb3	Health problems: 3rd mention	ahlsvjf	Welfare service:other serv (i) free/paid
ahlprb4	Health problems: 4th mention	ahlsvk	Welfare service: used other service (ii)
ahllt	Health limits daily activities	ahlsvkn	Welfare service:other serv (ii) NHS/priv
ahllta	Health hinders doing the housework	ahlsvkf	Welfare service:other serv(ii) free/paid
ahlltb	Health hinders climbing the stairs	ahlicka	Health check-up: dental
ahlltc	Health hinders getting dressed	ahlickan	Health check-up: dental NHS/private
ahlltd	Health hinders walking more than 10 mins	ahlickb	Health check-up: eyetest
		ahlickbn	Health check-up: eyetest NHS/private
ahllte	Health no hindrance to listed activities	ahlickc	Health check-up: chest or other x-ray
ahlltw	Health limits type or amount of work	ahlickcn	Health check-up: chest x-ray NHS/private
ahlendw	Health prohibits some types of work		Health check-up: blood pressure
ahlltwa	How far health limits amount of work	ahlickd	Health check-up: blood pressure
ahl2gp	Number of visits to GP since 1.9.90	ahlickdn	NHS/priv
axdts	Whether accident since 1.9.90		Health check-up: cholesterol test
anxdts	No. of serious accidents since 1.9.90	ahlicke	Health check-up: cholesterol
axdt1m	Month of first accident	ahlicken	NHS/private
axdt1y	Year of first accident		Health check-up: other checks
axdt2m	Month of second accident	ahlickf	Health check-up:other checks
axdt2y	Year of second accident	ahlickfn	NHS/private
axdt3m	Month of third accident		Health check-up: cervical smear
axdt3y	Year of third accident	ahlickg	Health check-up: cervical smear
axdt1pl	Location of first accident	ahlickgn	NHS/priv
axdt2pl	Location of second accident		Health check-up: breast screen
axdt3pl	Location of third accident	ahlickh	Health check-up: breast screen
ahosp	Hospital in-patient since 1.9.90	ahlickhn	NHS/priv
ahospd	Hospital in-patient: days since 1.9.90		Smoker
ahospch	Hospital stays were for childbirth	asmoker	Number of cigarettes smoked
ahospnhs	Hospital stays NHS or private	ancigs	All health care should be free
ahlsv	Health service: used any since 1.9.90	aophla	Compulsory private insurance if can pay
ahlsva	Health service: used health visitor	aophlb	Unfair that wealth buys medical priority
ahlsvan	Health service: health visitor NHS/priv		Responsible for dependent child under 16
ahlsvaf	Health service: health visitor free/paid	aophlc	Resps child/ren have health problems
ahlsvb	Welfare service: used home help	arach16	PNO of 1st child with health problems
ahlsvbn	Welfare service: home help NHS/private		PNO of 2nd child with health problems
ahlsvbf	Welfare service: home help free/paid	ahlich	PNO of 3rd child with health problems
ahlsvc	Welfare service: used meals on wheels	ahlich1	PNO of 4th child with health problems
ahlsvcn	Welfare service:meals on wheels NHS/priv	ahlich2	Cares for handicapped/other in household
		ahlich3	PNO of 1st cared for person
ahlsvcf	Welfare service:meals on wheels free/pd	ahlich4	PNO of 2nd cared for person
ahlsvd	Welfare service: used social worker	aaidhh	PNO of 3rd cared for person
ahlsvdm	Welfare service: social worker NHS/priv		Provides care for non-resident person
ahlsvdf	Welfare service: social worker free/paid	aaidhua	Number of non-residents cared for
ahlsve	Health service: used chiropodist	aaidhub	Caring:relation to 1st non-res dependant
ahlsven	Health service: chiropodist NHS/private	aaidhuc	Caring:relation to 2nd non-res dependant
ahlsvef	Health service: chiropodist free/paid	aaidxhh	1st non-res dependant in institution
ahlsvf	Health service:used alternative medicine	anaidxhh	2nd non-res dependant in institution
		aaidhu1	Hours per week spent caring
ahlsvfn	Health service:alt. medicine NHS/private	aaidhu2	Health section: respondent alone
			Health section: partner present
ahlsvff	Health service: alt. medicine free/paid	aaidpl1	Health section: other adults present
ahlsvg	Welfare service: used psychotherapist	aaidpl2	Health section: child/ren present
ahlsvgn	Welfare service: psychotherapy NHS/priv	aaidhrs	Did paid work last week
		aivma	No work last week but has job
ahlsvgf	Welfare service: psychotherapy free/paid	aivmb	Reason off work last week
		aivmc	Current job: permanent or temporary
ahlsvh	Welfare service: used speech therapist	aivmd	Occupation (SOC): current main job
ahlsvhn	Welfare service: speech therapy NHS/priv	ajbhas	Industry (SIC) of employer: current job
		ajboff	Employee or self-employed: current job
ahlsvhf	Welfare service:speech therapy free/paid	ajboffy	Managerial duties: current job
		ajbterm	Employing organisation: current job
ahlsvi	Health service: used physiotherapist	ajbsoc	
ahlsvin	Health service: physiotherapy NHS/priv	ajbsic	
ahlsvif	Health service: physiotherapy free/paid	ajbsemp	
ahlsvj	Welfare service: used other service (i)	ajbmngr	
ahlsvjn	Welfare service: other serv (i) NHS/priv	ajbsect	

ajbsize	Number employed at workplace: current jo	apaysg	Starting pay gross or net: current job
ajbmix	Sex segregation: current job	ajbhrbg	Starting hours per week: current job
ajbhrrs	No. of hours normally worked per week	ajbotbg	Starting hours paid o/time: current job
ajbot	No. of overtime hours in normal week	apaygyr	Total gross earnings in last 12 months
ajbotpd	No. of hours worked as paid overtime	apaygya	Accuracy of Total gross earnings
ajbhrlk	Preference over hours worked	ajsboss	S/emp: hires employees
ajbtime	Times of day usually work	ajssize	S/emp: number of employees
ajbonus	Pay includes bonuses or profit share	ajshrs	S/emp: hours normally worked per week
ajbrise	Pay includes annual increments	ajshrlk	S/emp: preference over hours worked
atujbpl	Union or staff association at workplace	ajstime	S/emp: times of day usually work
atuin1	Member of workplace union	ajsttype	S/emp: nature of employment
atuin2	Member of any trade union or similar	ajsacccs	S/emp: draws up profit/loss accounts
ajbopps	Promotion opportunities in current job	ajsprf	S/emp: net profit in last yearly account
ajbed	Had work related training since 1.9.90	ajsprbm	S/emp: date accounts began: month
ajbed1	Training: induction for current job	ajsprby	S/emp: date accounts began: year
ajbed2	Training: increase skills for current job	ajsprem	S/emp: date accounts ended: month
ajbed3	Training: improve skills for current job	ajsprey	S/emp: date accounts ended: year
ajbed4	Training: preparation for future jobs	ajspayl	S/emp: last gross earnings
ajbed5	Training: to develop skills generally	ajspybm	S/emp: month gross pay accounts began
ajbedd	Training: days spent since 1.9.90	ajspyby	S/emp: year gross pay accounts began
ajbpen	Pension: employer runs a pension scheme	ajspyem	S/emp: month gross pay accounts ended
ajbpenm	Pension: member of employers scheme	ajspyey	S/emp: Year gross pay accounts ended
ajbpl	Work location	ajspl	S/emp: work location
ajbttwt	Minutes spent travelling to work	ajsttwt	S/emp: Minutes spent travelling to work
ajbttwm	Main means of travel to work	ajsttwm	S/emp: Main means of travel to work
ajbsat1	Job satisfaction: promotion prospects	ajssat1	S/emp: job satisfaction: total pay
ajbsat2	Job satisfaction: total pay	ajssat2	S/emp: job satisfaction: job security
ajbsat3	Job satisfaction: relations with boss	ajssat3	S/emp: job satisfaction: initiative
ajbsat4	Job satisfaction: security	ajssat4	S/emp: job satisfaction: work itself
ajbsat5	Job satisfaction: use of initiative	ajssat5	S/emp: job satisfaction: hours worked
ajbsat6	Job satisfaction: work itself	ajssat	S/emp: job satisfaction: overall
ajbsat7	Job satisfaction: hours worked	ajsbgd	S/emp: day started present job
ajbsat	Job satisfaction: overall	ajsbgm	S/emp: month started present job
apaygl	Gross pay at last payment	ajsbgy	S/emp: year started present job
apaygw	Pay period (weeks): last gross pay	arach12	Responsible for dependent child under 12
apaynl	Take-home pay at last payment	ajbchc1	Childcare: 1st mention
apaynw	Pay period (weeks): last take-home pay	ajbchc2	Childcare: 2nd mention
apayslp	Pay slip seen by interviewer	ajbchc3	Childcare: 3rd mention
apayusl	Was last gross pay the usual amount	axpchcf	Childcare: free or paid for
apayu	Usual pay	axpchc	Childcare: weekly cost
apayuw	Usual pay: pay period (weeks)	ahuxpch	Who pays for childcare
apayug	Usual pay: gross/net of deductions	ahunurs	Who cares for ill children
apaydf1	Last pay unusual: included back pay	ajulk1	Looked for work in last 7 days
apaydf2	Last pay unusual: included holiday pay	ajulk4	Looked for work in last 4 weeks
apaydf3	Last pay unusual: included tax refund	ajulkjb	Would like a regular paid job
apaydf4	Last pay unusual: included sick pay	ajuspec	Looking for /would like a particular job
apaydf5	Last pay unusual: sick without pay	ajusoc	Occupation (SOC) of job sought
apaydf6	Last pay unusual: included maternity pay	ajupayx	Expected weekly net pay: jobseeker
apaydf7	Last pay unusual through overtime	ajuhrsx	Expected work hours: jobseeker
apaydf8	Last pay unusual for other reason	ajupayl	Lowest net pay considered: jobseeker
ajbbgd	Day started current job	ajuhrl	Expected hours for lowest pay jobseeker
ajbbgm	Month started current job	ajbasp1	Most important aspect of a job
ajbbgy	Year started current job	ajbasp2	Second most important aspect of a job
ajbbgly	Started job after 1.9.90	ajblky1	Most important reason for working
apayly	Usual pay at 1.9.90	ajblky2	Second most important reason for working
apaylyw	Usual pay at 1.9.90: pay period (weeks)	ajbub	Currently signed on at UB Office
apaylyg	Usual pay at 1.9.90: gross/net deductions	ajbuby	Reason why signed on at UB Office
ajbhrly	Usual total hours per week at 1.9.90	aj2has	Has a second paid job
ajbotly	Usual hours of paid overtime at 1.9.90	aj2soc	Occupation (SOC), second job
apays	Starting pay, job start after 1.9.90	aj2semp	Employee or self employed, second job
apaysw	Starting pay period (weeks): current job	aj2hrs	No. of hours worked per month, 2nd job

aj2pay	Gross earnings from 2nd jobs last month	aorgac	Active in environmental group
ajbhha	Family commitments prevented job search	aorgmd	Member of parents association
ajbhbb	Family commitments prevented taking job	aorgad	Active in parents association
ajbhbc	Family commitments prevented job change	aorgme	Member of tenants or residents group
ajbhbd	Family commitments required job change	aorgae	Active in tenants group
ajbhbe	Family commitments required leaving job	aorgmf	Member of religious group
ajbhbf	Family commitments led to less work hrs	aorgaf	Active in religious group
ajbh	Responsibilities which affected work	aorgmg	Member of voluntary service group
aivea	Employment section: respondent alone	aorgag	Active in voluntary group
aiveb	Employment section: partner present	aorgmh	Member of other community group
aivec	Employment section: other adult present	aorgah	Active in other community group
aived	Employment section: child present	aorgmi	Member of social group
ajbstat	Current labour force status	aorgai	Active in social group
acjsbgd	Day current labour force status began	aorgmj	Member of sports club
acjsbgm	Month current labour force status began	aorgaj	Active in sports club
acjsbgy	Year current labour force status began	aorgmk	Member of womens institute
acjsbly	IC:current l.f. spell began after 1.9.90	aorgak	Active in womens institute
anjbs	Number of periods of paid employment	aorgml	Member of womens group
ajbhad	Ever had paid employment	aorgal	Active in womens group
ajlend	Year left last job	aorgmm	Member of other organisation
ajlsoc	Occupation (SOC) of last job	aorgam	Active in other organisation
ajlsic	Industry (SIC) of last job	aorga	Active in any of listed organisations
ajlsemp	Employee or self employed, last job	aoppol1	Most important political issue
ajlboss	Hired employees, last job	aoppol2	Second most important political issue
ajlmngr	Managerial duties, last job	aoppol3	Priority: low inflation/low unemployment
ajlsize	Number employed at workplace, last job	aoppol4	Priority: living standards/environment
aivja	Job hist section: respondent alone	aivva	Values section: respondent alone
aivjb	Job hist section: partner present	aivvb	Values section: partner present
aivjc	Job hist section: other adults present	aivvc	Values section: other adults present
aivjd	Job hist section: child/ren present	aivvd	Values section: child/ren present
aopsoca	Ordinary people share nations wealth	af101	Income: NI retirement pension
aopsocb	One law for rich and one for poor	af102	Income: pension from previous employer
aopsocc	Private enterprise solves economic probs	af103	Income: pension from spouses ex-employer
aopsocd	Public services ought to be state owned	af104	Income: private pension or annuity
aopsoce	Govt. has obligation to provide jobs	af105	Income: widow or war widows pension
aopsocf	Strong trade unions protect employees	af106	Income: widowed mothers allowance
aopcls1	See self as belonging to a social class	af116	Income: severe disablement allowance
aopcls2	Subjective social class membership	af117	Income: invalidity pension
aopcls3	Social class affects opportunities	af118	Income: industrial injury allowance
avote1	Supports a particular political party	af119	Income: attendance allowance
avote2	Closer to one political party than other	af120	Income: mobility allowance
avote3	Party which would vote for tomorrow	af121	Income: invalid care allowance
avote4	Which political party closest to	af122	Income: war disability pension
avote5	Strength of support for stated party	af133	Income: unemployment benefit (UB)
avote6	Level of interest in politics	af132	Income: income support (IS)
aoprlg1	Religion	af131	Income: both UB and IS
aoprlg2	Attendance at religious services	af134	Income: NI sickness benefit
aoprlg3	Religion makes a difference to life	af135	Income: child benefit
arace	Ethnic group membership	af136	Income: one parent benefit
aorgm	Member of one of listed organisations	af137	Income: family credit
aorgma	Member of political party	af138	Income: maternity allowance
aorgaa	Active in political party	af139	Income: housing benefit
aorgmb	Member of trade union	af140	Income: community charge benefit
aorgab	Active in trade union	af141	Income: other state benefit
aorgmc	Member of environmental group	af151	Income: educational grant
		af152	Income: trade union payments
		af153	Income: maintenance or alimony
		af154	Income: payments from relations
		af155	Income: rent from lodgers
		af156	Income: rent from other property
		af157	Income: foster allowance
		af158	Income: sickness or accident insurance
		af159	Income: any other payment
		anf1	Income: total number of cited sources

afisbm	Month Income Support/Supp. Benefit began	aftexb4	Allowance/Spending Money to 2nd non-res
afisby	Year Income Support/Supp. Benefit began	aftexb5	Loan repayment to 2nd non-resident
afisit	Financial situation	aftexb6	Other payment to 2nd non-resident
afisitc	Change in financial position last year	aftexc	Relationship to 3rd non-res recipient
afisitx	Financial expectations for year ahead	aftexc1	Maintenance payment to 3rd non-resident
afiyrdi	Income last year from dividends/interest	aftexc2	HH bills payment to 3rd non-resident
asave	Saves from current income	aftexc3	Education payment to 3rd non-resident
asaved	Amount saved each month	aftexc4	Allowance/Spending Money to 3rd non-res
asavey	Reason for saving	aftexc5	Loan repayment to 3rd non-resident
abankac	Holds a personal savings account	aftexc6	Other payment to 3rd non-resident
abankjt	Holds joint account with other in h/hold	axpself	Amount of weekly personal spending
abankj1	PNO 1st person with whom shares account	aspinhh	Whether living with spouse or partner
abankj2	PNO 2nd person with whom shares account	ahubuy	Who does the grocery shopping (couples)
ahudraw	Who draws from the joint bank account	ahufrys	Who does the cooking (couples)
afthh	Transfers money within household	ahumops	Who does the cleaning (couples)
afthh1	1st recipient of internal money transfer	ahuiron	Who does the washing/ironing (couples)
afthh11	Pays rent to 1st person	ahhch12	Child/ren under 12 in household
afthh12	Pays housekeeping to 1st person	ahusits	Who is responsible for childcare
afthh13	Pays board to 1st person	ahuruns	How household finances are organised
afthh14	Pays allowance to 1st person	ahuboss	Who has last say in financial decisions
afthh15	Pays h/hold bills or food to 1st person	ahupays	Who is responsible for h/hold bills
afthh16	Makes other transfer to 1st person	ahukeep	Who is responsible for housekeeping
afthh1v	Amount transferred to 1st person	ahuasks	Consultation about spending on self
afthh1w	Weeks covered by transfer to 1st person	ahushop	Who does the grocery shopping (singles)
afthh2	2nd recipient of internal money transfer	ahucook	Who does the cooking (singles)
afthh21	Pays rent to 2nd person	ahudust	Who does the cleaning (singles)
afthh22	Pays housekeeping to 2nd person	ahuwash	Who does the washing/ironing (singles)
afthh23	Pays board to 2nd person	adriver	Holds a full driving licence
afthh24	Pays allowance to 2nd person	acaruse	Has use of car or van
afthh25	Pays h/hold bills or food to 2nd person	acarowr	Who owns the car
afthh26	Makes other transfer to 2nd person	acarowrp	PNO of car owner, if household member
afthh2v	Amount transferred to 2nd person	acarjob	Whose employer provides company car
afthh2w	Weeks covered by transfer to 2nd person	acarval	Value of car
afthh3	3rd recipient of internal money transfer	aivfa	H/hold finance section: respondent alone
afthh31	Pays rent to 3rd person	aivfb	H/hold finance section: partner alone
afthh32	Pays housekeeping to 3rd person	aivfc	H/hold finance section: adult present
afthh33	Pays board to 3rd person	aivfd	H/hold finance section: child present
afthh34	Pays allowance to 3rd person	aivfoih	Hour interview finished
afthh35	Pays h/hold bills or food to 3rd person	aivfoim	Minute interview finished
afthh36	Makes other transfer to 3rd person	aivsc	IC: self completion document
afthh3v	Amount transferred to 3rd person	aiv1	Others present during interview
afthh3w	Weeks covered by transfer to 3rd person	aiv2	Did others influence interview
aftexhh	Transfers money to non-resident person	aiv4	Cooperation of respondent
aftexa	Relationship to 1st non-res recipient	aiv5	Completion of tracking schedule
aftexa1	Maintenance payment to 1st non-resident	aiv6a	Problems affecting interview: eyesight
aftexa2	HH bills payment to 1st non-resident	aiv6b	Problems affecting interview: hearing
aftexa3	Education payment to 1st non-resident	aiv6c	Problems affecting interview: reading
aftexa4	Allowance/Spending Money to 1st non-res	aiv6d	Problems affecting interview: english
aftexa5	Loan repayment to 1st non-resident	aiv6e	Problems affecting interview: language
aftexa6	Other payment to 1st non-resident	aiv6f	Problems affecting interview: interpret
aftexb	Relationship to 2nd non-res recipient	aiv7	PNO of interpreter
aftexb1	Maintenance payment to 2nd non-resident	aghqa	GHQ: concentration
aftexb2	HH bills payment to 2nd non-resident	aghqb	GHQ: loss of sleep
aftexb3	Education payment to 2nd non-resident	aghqc	GHQ: playing a useful role
		aghqd	GHQ: capable of making decisions
		aghqe	GHQ: constantly under strain
		aghqf	GHQ: problem overcoming difficulties
		aghqg	GHQ: enjoy day-to-day activities

aghqh	GHQ: ability to face problems	apaisco	International SOC: father's job
aghqi	GHQ: unhappy or depressed	apacssm	Cambridge Scale males: father's job
aghqj	GHQ: losing confidence	apacssf	Cambridge Scale females: father's job
aghqk	GHQ: believe in self-worth	apahgs	Hope - Goldthorpe Scale: father's job
aghql	GHQ: general happiness	amargsc	RG Social Class: mother's job
aopfama	Pre-school child suffers if mother works	amaseg	Socio economic group: mother's job
aopfamb	Family suffers if woman works full time	amagold	Goldthorpe Social Class: mother's job
aopfamc	Woman and family happier if she works	amaisco	International SOC: mother's job
aopfamd	Husband and wife should both contribute	amacssm	Cambridge Scale males: mother's job
aopfame	Full time job makes women independent	amacssf	Cambridge Scale females: mother's job
aopfamf	Husband should earn, wife stay at home	amahgs	Hope - Goldthorpe Scale: mother's job
aopfamg	Children need father as much as mother	apayg	Gross rate of pay per month:last payment
aopfamh	Employers should help with childcare	apayn	Net rate of pay per month: last payment
aopfami	Single parents are as good as couples	apaygu	Usual gross pay per month: current job
assupa	Is there someone who will listen	apaynu	Usual net pay per month: current job
assupb	Is there someone to help in a crisis	apaygty	Usual monthly gross pay: Sept this year
assupc	Is there someone you can relax with	apaygly	Usual monthly gross pay: Sept year ago
assupd	Anyone who really appreciates you	apaynty	Usual monthly net pay: Sept this year
assupe	Anyone you can count on to offer comfort	apaynly	Usual monthly net pay: Sept year ago
assup1	Sex of closest friend	ajsprof	Monthly self employed profit
pid	Cross-wave person identifier	ajspayg	Monthly self employed gross pay
aivfio	Individual interview outcome	acjsten	Length (days) of current labour force
aiodc	Document check	acjswk9	Weeks in current spell: year to 1.9.91
axrwght	X-sectional respondent weight	ajlid	Identifier of latest job
axewght	X-sectional enumerated individual weight	ajlyid	Identifier of job spell at 1.9.90
aregion	Region / Metropolitan Area	ajtyid	Identifier of job spell at 1.9.91
aprrs2i	Relationship of Proxy to Informant	ajbseg	Socio economic group: present job
apripn	Person number of informant	ajbgold	Goldthorpe Social Class: present job
aprwhy	Reason for Proxy	ajbrgsc	RG Social Class: present job
aprfehq	Proxy's Highest FE qualification	ajbisco	International SOC: present job
aprsehq	Proxy's Highest school qualification	ajbcssm	Cambridge Scale males: present job
aprfitb	Proxy's personal income, banded	ajbcssf	Cambridge Scale females: present job
aprbft	Proxy's job full or part time	ajbhgs	Hope - Goldthorpe Scale: present job
ahgr2r	Relationship to reference person	anjbwks	Annual weeks employed: year to Sept 1
amastat	Marital status	anjuwks	Annual weeks unemployed: year to Sept 1
ahgspn	PNO of spouse/partner	anjiwks	Annual weeks inactive: year to Sept 1
ahgest	Employment status - HH Grid	anjbnew	No. different employers: year to Sept 1
ahgfno	PNO of father	anjbsp	No. employment spells: year to Sept 1
ahgmno	PNO of mother	anjusp	No. unemployment spells: year to Sept 1
ahgjnly	Whether joined household since 1.9.90	anjisp	No. inactive spells: year to Sept 1
ahgmjn	Month joined Household	ajbstatl	Employment status on Sept 1, year ago
ahgyjn	Year joined Household	ajbstatt	Employment status on Sept 1, this year
aage	Age at Date of Interview	ajbsocly	Occupation (SOC): job on Sept 1, 1990
aage12	Age at 1.12.1991	ajlseg	Socio economic group: last job
abutype	Benefit unit type	ajlgold	Goldthorpe Social Class: last job
abuno	Benefit Unit Number	ajlrgsc	RG Social Class: last job
anchild	Number of own children in household	ajlisco	International SOC: last job
ahoh	Conventional Head of Household Indicator	ajlcssm	Cambridge Scale males: last job
ahhsiz	Number of people in household	ajlcssf	Cambridge Scale females: last job
ahhtype	Household Type	ajlhgs	Hope - Goldthorpe Scale: last job
atenure	Housing tenure	avote	Political party supported
aqfedhi	Highest educational qualification	anorgm	Number of organisations member of
aqfvoc	Has vocational qualifications	anorga	Number of organisations active in
aqfachi	Highest academic qualification	afimnp	Pension income: last month
ajbft	Employed full time	afimnb	Benefit income: last month
aedgen	Days spent in general training	afimni	Investment income: last month
aedspec	Days spent in specific training	afimnt	Transfer income: last month
apargsc	RG Social Class: father's job	afimnlnl	Non-labour income: last month
apaseg	Socio economic group: father's job	afimnl	Labour income: last month
apagold	Goldthorpe Social Class: father's job	afimn	Total Income: last month
		afiyrl	Annual labour income (1.9.90-1.9.91)

afiyrn1	Annual non-labour income (1.9.90-1.9.91)	amrjboss	Hired employees, most recent job
afiyrp	Annual pension income (1.9.90-1.9.91)	amrjmng	Managerial duties, most recent job
afiyrb	Annual benefit income (1.9.90-1.9.91)	amrjsize	Number at workplace, most recent job
afiyrt	Annual transfer income (1.9.90-1.9.91)	amrjseg	Socio economic group: most recent job
afiyri	Annual investment income (1.9.90-1.9.91)	amrjgold	Goldthorpe Class: most recent job
afiy	Annual income (1.9.90-1.9.91)	amrjrgsc	RG Social Class: most recent job
afihhmn	Household income: month before interview	amrjisoc	International SOC: most recent job
ahlgq1	Subjective wellbeing (GHQ) 1: Likert	amrjcsm	Cambridge Scale M: most recent job
ahlgq2	Subjective wellbeing (GHQ) 2: Caseness	amrjcsf	Cambridge Scale F: most recent job
aspjb	Whether spouse/partner employed now	amrjhgs	Hope-Goldthorpe Scale: most recent job
aspsoc	Spouse/partner's Occupation	aplnowy4	Year moved to present address: 4 digit
aspjbhr	Spouse/partner's weekly work hours	ayr2uk4	Year came to Britain: 4 digit
aspjbot	Spouse/partner's weekly overtime	ajbbgy4	Year started current job: 4 digit
asppayg	Spouse/partner's monthly gross pay	ajsprby4	S/emp: date accounts began: 4 digit year
aspjbyr	Whether spse/partner employed last year	ajsprey4	S/emp: date accounts ended: 4 digit year
ahlprba	Health problems: Arms, legs, hands, etc	ajspsyby4	S/emp: year gross pay began: 4 digit
ahlprbb	Health problems: Sight	ajspsyey4	S/emp: Year gross pay ended: 4 digit
ahlprbc	Health problems: Hearing	ajsbgy4	S/emp: year started present job: 4 digit
ahlprbd	Health problems: Skin conditions/allergy	acjsbgy4	Year labour force stat began: 4 digit
ahlprbe	Health problems: Chest/breathing	ajlend4	Year left last job: 4 digit
ahlprbf	Health problems: Heart/blood pressure		
ahlprbg	Health problems: Stomach or digestion		
ahlprbh	Health problems: Diabetes		
ahlprbi	Health problems: Anxiety, depression, et		
ahlprbj	Health problems: Alcohol or drugs		
ahlprbk	Health problems: Epilepsy		
ahlprbl	Health problems: Migraine		
ahlprbm	Health problems: Other		
aj2payi	Imputation flag - AJ2PAY (base)		
afiyrdii	Imputation flag - AFIYRDI (base)		
aprfitbi	Imputation flag - APRFITB (base)		
apaygui	Imputation flag - APAYGU (derived)		
apaynui	Imputation flag - APAYNU (derived)		
apaygti	Imputation flag - APAYGTY (derived)		
apaygli	Imputation flag - APAYGLY (derived)		
apaynti	Imputation flag - APAYNTY (derived)		
apaynli	Imputation flag - APAYNLY (derived)		
ajsprofi	Imputation flag - AJSPROF (derived)		
ajsipaygi	Imputation flag - AJSPAYG (derived)		
afimnpi	Imputation flag - AFIMNP (derived)		
afimnbi	Imputation flag - AFIMNB (derived)		
afimnii	Imputation flag - AFIMNI (derived)		
afimnti	Imputation flag - AFIMNT (derived)		
afimnnli	Imputation flag - AFIMNNL (derived)		
afimnli	Imputation flag - AFIMNL (derived)		
afimnthi	Imputation flag - AFIMN (derived)		
afiyarli	Imputation flag - AFIYRL (derived)		
afiyrnli	Imputation flag - AFIYRNL (derived)		
afiyrpi	Imputation flag - AFIYRP (derived)		
afiyrbi	Imputation flag - AFIYRB (derived)		
afiyrti	Imputation flag - AFIYRT (derived)		
afiyrii	Imputation flag - AFIYRI (derived)		
afiyari	Imputation flag - AFIYR (derived)		
asppaygi	Imputation flag - ASPPAYG (derived)		
afihhmni	Imputation flag - AFIHhMN (derived)		
amrjend	Year left most recent job		
amrjsoc	Occupation (SOC) of most recent job		
amrjsic	Industry (SIC) of most recent job		
amrjsemp	Employee or self emp., most recent job		

## Appendix 2: BHPS Household Variables

ahid	Household identification number	arentgw	Weeks covered by gross rent
ahhjnd	All persons here since 1.9.90	axphsdf	Problems paying for housing over year
ahhab1y	Date 1st absentee born: year	axphsd1	Housing payments required borrowing
ahhab2y	Date 2nd absentee born: year	axphsd2	Housing payments required cutbacks
anhhrsp	No. interviewed in h/hold (incl proxies)	axphsdb	Been 2+ months late with housing payment
ahhdoi	Day of interview	ahsprba	Problems with home: condensation
ahhmoi	Month of interview	ahsprbb	Problems with home: damp
ahsroom	Number of rooms in accommodation	ahsprbc	Problems with home: keeping it warm
ahsbeds	Number of bedrooms in accommodation	ahsprbd	Problems with home: leaking roof
ahsownd	House owned or rented	ahsprbe	Problems with home: rot in wood
ahsowr1	PNO of 1st person owning accommodation	ahsprbf	Problems with home: not enough space
ahsowr2	PNO of 2nd person owning accommodation	acd1use	Colour TV in accommodation
amghave	Home mortgaged or owned outright	acd1own	Colour TV owned by household member
amgynot	How home came to be owned outright	acd1new	Colour TV bought in last year
ahssnip	Sitting tenant when bought	acd2use	VCR in accommodation
ahsvndr	Vendor of home bought as sitting tenant	acd2own	VCR owned by household member
ahscost	Original purchase price of property	acd2new	VCR bought in last year
amgyr0	Year mortgage began	acd3use	Freezer in accommodation
ahsyr0	Year became owner: home bought outright	acd3own	Freezer owned by household member
amgold	Amount borrowed at purchase: mortgagee	acd3new	Freezer bought in last year
amglife	Years left to pay: mortgagee	acd4use	Washing machine in accommodation
amgtype	Type of mortgage	acd4own	Washing machine owned by h/hold member
amgextra	Taken out additional mortgage on home	acd4new	Washing machine bought in last year
amgnew	Amount of additional mortgage on home	acd5use	Tumble dryer in accommodation
amgxy1	Extra loan for home extension	acd5own	Tumble dryer owned by h/hold member
amgxy2	Extra loan for home improvements	acd5new	Tumble dryer bought in last year
amgxy3	Extra loan for car purchase	acd6use	Dish washer in accommodation
amgxy4	Extra loan for other consumer goods	acd6own	Dish washer owned by h/hold member
amgxy5	Extra loan for other specified reason	acd6new	Dish washer bought in last year
axpmg	Last total monthly mortgage payment	acd7use	Microwave oven in accommodation
axpmg1	Mortgage includes protection policy	acd7own	Microwave oven owned by h/hold member
axpmg2	Mortgage includes structure insurance	acd7new	Microwave oven bought in last year
axpmg3	Mortgage includes contents insurance	acd8use	Home computer in accommodation
axpmg4	Mortgage includes extra payments	acd8own	Home computer owned by h/hold member
ahsval	Value of property: home owners	acd8new	Home computer bought in last year
ahsjb	Accommodation with present job: renter	acd9use	CD player in accommodation
arentp1	Who rents accommodation: 1st mention	acd9own	CD player owned by household member
arentp2	Who rents accommodation: 2nd mention	acd9new	CD player bought in last year
arentll	Landlord of rented accommodation	ahatch	Household has central heating
arentf	Accommodation rented furnished or other	ahheatp	Central heating fuel type
arent	Net amount of last rent payment	axpoily	Expenditure on fuel oil in last year
arentw	Weeks covered by last rent payment	agasuse	HH has gas supply, not gas cent htg
arent1	Rent includes water charges	agasway	Method of paying for gas
arent2	Rent includes land or business premises	axpgasl	Amount of last gas payment
arent3	Rent includes garage	axpgasw	Weeks covered by last gas payment
arent4	Rent includes heating lighting or water	alecway	Expenditure on gas last week
arent5	Rent includes meals	axplecl	Method of paying for electricity
arent6	Rent includes other services	axpleclw	Amount of last electricity payment
arenthb	Receives rent rebate or rent allowance	axpfood	Weeks covered by electricity payment
arentg	Gross rent including Housing Benefit	ancars	Expenditure on electricity last week
		aivh1	Total weekly food and grocery bill
		aivh2	Car or van available for private use
		aivh3	PNO of 1st person answering HH questions
		aivhc1	PNO of 2nd person answering HH questions
			PNO of 3rd person answering HH questions
			PNO of 1st person answering HH Comp Form

aivhc2	PNO of 2nd person answering HH Comp Form	afihhmni	Imputation flag - AFIIHMN (derived)
aivhc3	PNO of 3rd person answering HH Comp Form	afihhmli	Imputation flag - AFIIHML (derived)
ahhdc	Household level document check	afihmnl	Imputation flag - AFIIHMNL (derived)
ahhwght	Household Weight	afihhmpl	Imputation flag - AFIIHMP (derived)
ahstype	Type of accommodation	afihhmbl	Imputation flag - AFIIHMB (derived)
ahsfloor	Floor of main living accommodation	afihhmtd	Imputation flag - AFIIHMT (derived)
ahssize	Number of Persons in Household	afihhmii	Imputation flag - AFIIHMI (derived)
ahhtype	Household Type	afihhyri	Imputation flag - AFIIHYR (derived)
aregion	Region / Metropolitan Area	afihhyli	Imputation flag - AFIIHYL (derived)
aladistc	Local Authority District of Residence	afihhyri	Imputation flag - AFIIHYNL (derived)
anch02	Number children in household aged 0-2	afihhypl	Imputation flag - AFIIHYP (derived)
anch34	Number children in household aged 3-4	afihhybi	Imputation flag - AFIIHYB (derived)
anch511	Number children in household aged 5-11	afihhyti	Imputation flag - AFIIHYT (derived)
anch1215	Number children in household aged 12-15	afihhyii	Imputation flag - AFIIHYI (derived)
anch1618	Number dependent children in HH 16+	amgyr04	Year mortgage began: 4 digit
ankids	Number of children in household	ahsyr04	Year became owner: 4 digit
anwed	Number of married persons in household		
anpens	Number over pensionable age in household		
ana75pl	Number aged 75 and over in household		
aagechy	Age of youngest child in household		
ancouple	Number of Couples in household		
anonepar	Number of Single Parents in household		
anemp	Number in Employment in household		
anue	Number Unemployed in household		
anwage	Number in household of working age		
atenure	Housing tenure		
axphsn	Net monthly housing costs		
axphsg	Gross monthly housing costs		
axpoil	Monthly expenditure on oil		
axpgas	Monthly expenditure on gas		
axplec	Monthly expenditure on electricity		
axpfuel	Monthly expenditure on oil/gas/electric		
aphone	Household has telephone		
afieqfcb	HH Equivalence scale before hsing costs		
afieqfca	HH Equivalence scale after hsing costs		
afihhyr	Annual household income (1.9.90-1.9.91)		
afihhmn	Household income: month before interview		
afihhml	HH labour income month before intv		
afihhmnl	HH non-labour income month before intv		
afihhmp	HH pension income month before intv		
afihhmb	HH benefit income month before intv		
afihhmt	HH transfer income month before intv		
afihhmi	HH investment income month before intv		
afihhyl	Annual household labour income		
afihhynl	Annual household non-labour income		
afihhyp	Annual household pension income		
afihhyb	Annual household benefit income		
afihhyt	Annual household transfer income		
afihhyi	Annual household investment income		
amgnewi	Imputation flag - AMGNEW (base)		
axpmgi	Imputation flag - AXPNG (base)		
ahsvali	Imputation flag - AHSVAL (base)		
arenti	Imputation flag - ARENT (base)		
arentgi	Imputation flag - ARENTG (base)		
axphsni	Imputation flag - AXPHSN (derived)		
axphsg	Imputation flag - AXPHSG (derived)		

### Appendix 3: BHPS Income Variables

ahid	Household identification number
apno	Person number
aficode	Income receipt code
anfr	Number of income receipts totalled here
afrall	Received payment each month
afr01	Payment received in September 1990
afr02	Payment received in October 1990
afr03	Payment received in November 1990
afr04	Payment received in December 1990
afr05	Payment received in January 1991
afr06	Payment received in February 1991
afr07	Payment received in March 1991
afr08	Payment received in April 1991
afr09	Payment received in May 1991
afr10	Payment received in June 1991
afr11	Payment received in July 1991
afr12	Payment received in August 1991
afr13	Payment received in September 1991
afr14	Payment received in October 1991
afr15	Payment received in November 1991
afr16	Payment received in December 1991
afrnow	Is still receiving payment
afrval	Last amount received
afrw	Weeks covered by last amount received
afrjt	Last payment: sole or joint recipient
afrjtpn	PNO of joint recipient
afiseq	Income receipt sequence number
afim09l	Estimated Income in September 1990
afim10l	Estimated Income in October 1990
afim11l	Estimated Income in November 1990
afim12l	Estimated Income in December 1990
afim01t	Estimated Income in January 1991
afim02t	Estimated Income in February 1991
afim03t	Estimated Income in March 1991
afim04t	Estimated Income in April 1991
afim05t	Estimated Income in May 1991
afim06t	Estimated Income in June 1991
afim07t	Estimated Income in July 1991
afim08t	Estimated Income in August 1991
afim09t	Estimated Income in September 1991
afim10t	Estimated Income in October 1991
afim11t	Estimated Income in November 1991
afim12t	Estimated Income in December 1991
afrvali	Imputation flag - AFRVAL (base)

### Appendix 4: BHPS Job History Variables

ahid	Household identification number
apno	Person number
ajspno	Spell number of labour force status
ajhstat	Labour force status code
ajhbgd	Day labour force spell began
ajhbgm	Month labour force spell began
ajhbgy	Year labour force spell began
ajhsoc	Occupation (SOC): previous job
ajhpldf	Change of workplace: previous job
ajhsic	Industry (SIC): previous job
ajhsize	No. employed at workplace: previous job
ajhmngr	Managerial duties: previous job
ajhsemp	Employee or self-employed: previous job
ajhboss	Had employees: previous job
ajhsect	Employing organisation: previous job
ajha9ly	Whether job started after 1.9.90
ajhpysl	Pay at 1.9.90: previous job
ajhpylw	Pay period (weeks) 1.9.90: previous job
ajhpylg	Pay gross or net at 1.9.90: previous job
ajhpays	Starting pay, post 1.9.90: previous job
ajhpysw	Pay period (weeks):start of previous job
ajhpysg	Pay gross or net: start of previous job
ajhstpy	Reason for stopping previous job
ajblky	Attraction of present job
ajhendd	Day labour force spell ended
ajhendm	Month labour force spell ended
ajhendy	Year labour force spell ended
ajhseg	Socio economic group: previous job
ajhgold	Goldthorpe Social Class: previous job
ajhrgsc	RG Social Class: previous job
ajhisco	International SOC: previous job
ajhcsm	Cambridge Scale males: previous job
ajhcsmf	Cambridge Scale females: previous job
ajhsg	Hope - Goldthorpe Scale: previous job
ajhspw	Weeks in year to 1.9.91: prev job spell
ajhgpay	Monthly Gross Pay: previous job
ajhnpay	Monthly Net Pay: previous job
ajhgpayi	Imputation flag - AJHGPAI (derived)
ajhnpayi	Imputation flag - AJHNPAI (derived)
ajhbgy4	Year labour force spell began: 4 digit
ajhendy4	Year labour force spell ended: 4 digit

## Appendix 5: BHPS Youth Survey Variables

dpno	Person number	dypopfj	Living together no marriage is wrong
dypdobm	Date of birth: month	dypopfl	Better for children if parents divorce
dypdoby	Date of birth: year	dypopfm	The man should be head of the household
dypsex	Gender of youth	dypopfn	The bible is God's word ...
dypntv	How many tv sets do your family have ?	dypsad	How many days have you felt unhappy ?
dytvhrs	Hours spent watching tv on a school day	dypwor	Past week nights lost sleep worrying ?
dytvimt	Parents set limits on amount of tv ?	dypesta	I feel I have a number good qualities
dytvstp	Parents stop you watching a programme ?	dypestb	I certainly feel useless at times
dypcomp	Do you ever use a computer at home ?	dypestc	I am a likeable person
dypals	Times had friends round to your house ?	dypestd	I enjoy taking exercise to keep fit
dyputel	Do you tell parents where going ?	dypeste	I am inclined to feel I am a failure
dyptell	Tell you where they are going ?	dypestf	At times I feel I am no good at all
dyplate	Past month: times out after 9.00 pm ?	dypestg	On the whole, my health is very good
dypargm	How often quarrel with your mother ?	dyphsw	Your school work ?
dypargf	How often quarrel with your father ?	dyphap	Your appearance ?
dyptlkm	Talk to mum: things that matter to you ?	dyphfm	Your family ?
dyptlkf	Talk to dad: things that matter to you ?	dyphfr	Your friends ?
dypnpal	How many close friends do you have ?	dyphlf	Describes how you feel about your life ?
dypfght	How often past month:fight with someone	dypcoma	Word closest to: beast
dypasmk	How old when were last hit or smacked ?	dypcomb	Word closest to: edible
dypeatn	Past week: times evening meal w family ?	dypcomc	Word closest to: animosity
dypmenu	Who chooses what you eat at home ?	dypcomd	Word closest to: accustom
dypthhc	Time you spend doing household chores ?	dypcome	Word closest to: space
dypshhc	Parents strict about household chores ?	dypcomf	Word closest to: broaden
dyppkml	Pounds: money last week for yourself ?	dypcomg	Word closest to: reconcile
dypkmp	Pence: money last week for yourself ?	dypnbks	Past month how many books read ?
dypstm	Stealing money, how serious is that ?	dypvte6	How interested are you in politics ?
dypswr	What if young people swear, how serious	dypvte3	Vote for a political party: which ?
dypsmok	What if young people smoke ?	dyplvsc	Leave school when you are 16 ?
dyplie	What about telling lies to your parents	dypivhm	Age you think when you leave home ?
dypdrug	Taking drugs ?	dypamar	At what age want to get married ?
dypbunk	Playing truant, how serious is that ?	dypapar	What age would like to start a family ?
dypser	Which is the most serious of all ?	dypwhrs	Last week, hours spent working for pay ?
dypsmev	Have you ever tried a cigarette ?	dypPAY	How much money did you earn last week ?
dypsmag	How old when smoked a whole cigarette ?	dypfjob	What job (step)father does ?
dypsmof	How often do you smoke ?	dypfsoc	Office code: job (step)father does ?
dypsmiw	How many cigarettes in the last 7 days ?	dypsoc	Office code: job like when left school ?
dypsmyr	Will you start/continue smoke next year	dypjbqa	The job is secure
dypsmop	How dangerous is smoking few cigarettes	dypjbqb	Work hours short, with free time
dypdgsc	Taught at school dangers of drug use ?	dypjbqc	The work involves using your brain
dypdgpa	Parents/other adult talked about drugs ?	dypjbqd	The job is well-paid
dypdgfr	Do your friends ever use illegal drugs ?	dypjbqe	Is important and feels worthwhile
dypdgyr	In the next years you might be tempted ?	dypjbqt	Which is the most important thing of all
dypopha	Generally health is a matter of luck	dypevnt1	1st mentioned important event of year
dypophb	Young people don't worry their health	dypevnt2	2nd mentioned important event of year
dypophc	People your age care more being happy	dypevnt3	3rd mentioned important event of year
		dypevnt4	4th mentioned important event of year
		dypwght	Young person weight
		dhid	Household identification number
		dypdoby4	Date of birth: year: 4 digit

## Appendix 6 : ECHP user database : data dictionary

### 1. Household file

#### GENERAL INFORMATION

HG001 : Fixed ID of the reference person  
HG002 : Fixed ID of person responsible for accommodation  
HG003 : Fixed ID of respondent to household interview  
HG004 : Household weight  
HG005 : Primary strata (anonymised)  
HG006 : Primary sampling unit (PSU) (anonymised)  
HG007 : The order of selecting the PSUs (anonymised)  
HG010 : Number of visits to the household  
HG011 : Number of minutes used to complete the household questionnaire  
HG012 : Day of the interview for the household questionnaire  
HG013 : Month of the interview for the household questionnaire  
HG014 : Year of interview for the household questionnaire  
HG015 : Region

#### DEMOGRAPHIC INFORMATION

HD001 : Household size  
HD002 : Number of adults in the household (16 years or more)  
HD003 : Number of adults in the household (14 years or more)  
HD004 : Equivalised size, OECD scale  
HD005 : Equivalised size, modified-OECD scale  
HD006 : Household type (sociological typology)  
HD006A : Household type (economical typology)  
HD007 : Number of members moved out  
HD008 : Number of members died  
HD009 : Number of members moved in  
HD010 : Number of members born

#### INCOME

HI001 : Main source of income (constructed)  
HI010 : Within-household non-response inflation factor  
HI020 : Net/gross factor (for a given household: same for all members and for all gross components)  
HI100 : Total net household income (detailed, NC)  
HI100X : Household income imputation index (0-1)  
HI110 : Total net income from work (net, NC)  
HI111 : Wage and salary earnings  
HI111X : Wage and salary earnings imputation index (0-1)  
HI1111 : Wage and salary earnings ( regular)  
HI1112 : Wage and salary earnings ( lump sum)  
HI112 : Self-employment earnings (net)

HI112X : Self-employment earnings imputation index (0-1)  
HI120 : Non-work private income (net, NC)  
HI121 : Capital income  
HI121X : Capital income imputation index (0-1)  
HI122 : Property/rental income  
HI122X : Property / rental income imputation index (0-1)  
HI122G : Property/rental income, gross  
HI123 : Private transfers received  
HI123X : Private transfers received imputation index (0-1)  
HI130 : Total social insurance receipts (net,NC)  
HI131 : Unemployment related benefits  
HI131X : Unemployment related benefits imputation index (0-1)  
HI132 : Old-age/survivors' benefits  
HI132X : Old-age/survivors'benefits imputation index (0-1)  
HI133 : Family-related allowances  
HI133X : Family-related allowances imputation index (0-1)  
HI134 : Sickness/invalidity benefits  
HI134X : Sickness/invalidity benefits imputation index (0-1)  
HI135 : Education-related allowances  
HI135X : Education-related allowances imputation index (0-1)  
HI136 : Any other (personal) benefits  
HI136X : Any other (personal) benefits imputation index (0-1)  
HI137 : Social assistance  
HI137X : Social assistance imputation index (0-1)  
HI138 : Housing allowance  
HI138X : Housing allowance imputation index (0-1)  
HI200 : Current total monthly net household income (summary question, NC)  
HI211M : Current wage and salary earnings (net, monthly,NC)  
HI211X : Current wage and salary earnings imputation index

#### FINANCIAL SITUATION

HF001 : Repay debts other than mortgage  
HF002 : Is the household able to make ends meet  
HF003 : Can the household afford keeping its home adequately warm  
HF004 : Can the household afford paying for holiday  
HF005 : Can the household afford replacing worn-out furniture  
HF006 : Can the household afford buying new, rather than second-hand, clothes  
HF007 : Can the household afford eating meat or the like every second day  
HF008 : Can the household afford having friends or family for drink/dinner  
HF009 : Has the household been unable to pay scheduled rent for accommodation during

the past 12 months ?

HF010 : Has the household been unable to pay scheduled mortgage payments during the past 12 months ?

HF011 : Has the household been unable to pay scheduled utility bills during the past 12 months ?

HF012 : Has the household been unable to pay purchase hire instalments or other loan repayments during the past 12 months ?

HF013 : Money left for the household to save (considering household's income and expenses)

HF014 : Lowest monthly income your household would have to have

HF015 : What is the household income situation like compared to last year

HF016 : Number of months the household received non-cash assistance

HF017 : Anyone in household inherit, receive gift or lottery winnings

HF018 : The amount of the in heritage gift or lottery winnings

HF018A : Did you save from consuming food from own agriculture or gardening

HF019 : Did you save from consuming other goods from own company

HF020 : Did you save from home production etc.

HF021 : Favourable/unfavourable time for large purchases

#### **ACCOMMODATION**

HA001 : Year of move to this address

HA002 : Month of move to this address

HA003 : Move from (geography)

HA004 : Reason for move

HA005 : Type of dwelling

HA006 : Number of rooms without kitchen (maximum value=9+) anonymised

HA006A : Number of rooms without kitchen (maximum value=6+) anonymised

HA007 : Number of rooms including kitchen (maximum value=10+)

HA007A : Number of rooms including kitchen (maximum value=7+)

HA008 : Does the dwelling have separate kitchen

HA009 : Does the dwelling have bath or shower

HA010 : Does the dwelling have indoor flushing toilet

HA011 : Does the dwelling have running water

HA012 : Does the dwelling have heating or electric storage heaters

HA013 : Does the dwelling have a place to sit outside

HA014 : Does the accommodation have shortage of space

HA015 : Does the accommodation have noise from neighbours or outside

HA016 : Is the accommodation too dark/not enough light

HA017 : Does the accommodation have lack of adequate heating facilities

HA018 : Does the accommodation have leaky roof

HA019 : Does the accommodation have damp walls, floors etc.

HA020 : Does the accommodation have rot in

window frames or floors

HA021 : Is there any pollution caused by traffic or industry

HA022 : Is there crime or vandalism in the area

HA023 : Own/rent dwelling

HA024 : Amount of outstanding loan or mortgage for the accomodation

HA025 : Amount of outstanding loan or mortgage is a gross/net amount

HA026 : From whom is the accommodation rented ?

HA027 : Monthly rent, gross

HA029 : Pay repairs and maintenance in addition to rent

HA030 : Pay heating in addition to rent

HA031 : Pay electricity/gas in addition to rent

HA032 : Pay water in addition to rent

HA033 : Pay sewage removal in addition to rent

HA034 : Pay garbage removal in addition to rent

HA035 : Pay other services or municipal charges in addition to rent

HA036 : Housing costs are a financial burden

HA037 : Amount of public allowances/subsidy/other payments received from public schemes for housing costs (monthly)

#### **DURABLES**

HB001 : Possession of a car

HB002 : Possession of a colour TV

HB003 : Possession of VCR

HB004 : Possession of micro wave

HB005 : Possession of dishwasher

HB006 : Possession of a telephone

HB007 : Possession of second home

#### **CHILDREN**

HL001 : Children under 12 in the household

HL002 : Children looked after on a regular basis

HL003 : Pay for the children to be looked after

HL004 : Children between 12 and 15 in the household

HL005 : Has any of the children under 16 an independent source of income

## **2. Personal file**

### **GENERAL INFORMATION**

PG001 : Basic household identification number  
PG002 : Personal weight (cross sectional)  
PG003 : Base weight  
PG004 : Number of minutes to complete the individual questionnaire  
PG005 : Day of the personal interview  
PG006 : Month of the personal interview  
PG007 : Year of the personal interview

### **DEMOGRAPHIC INFORMATION**

PD001 : Year of birth of the individual  
PD002 : Month of birth of the individual  
PD003 : Age of the individual  
PD004 : Sex of the individual  
PD005 : Marital status of the person  
PD006 : Date of last change in marital status  
PD007 : Person is living in consensual union

### **EMPLOYMENT**

PE001 : Main activity status - self-defined  
PE002 : Main activity status (regrouped) - self-defined  
PE003 : ILO main activity during current year  
PE004 : Status in employment  
PE005 : Total hours working /week  
PE005A : Hours working / week in the main job  
PE005B : Reason for working less than full time (less than 30 hours) in the main job  
PE005C : Full-time / part time job  
PE006A : Current occupation (people working at least 1 hours per week in the main job) anonymised  
PE006B : Current occupation (people working at least 1 hours per week in the main job) anonymised  
PE006C : Current occupation (people working at least 1 hours per week in the main job) anonymised  
PE007A : Current industry (people working at least one hour in the main job) anonymised  
PE007B : Current industry (people working at least one hour in the main job) anonymised  
PE007C : Current industry (people working at least one hour in the main job) anonymised  
PE008 : Size of local unit - current job  
PE009 : Sector of the business or organisation - current job  
PE010 : Job status - current job (persons in paid employment as main activity)  
PE010A : Job status - current job (persons working as main activity)  
PE011 : Year of start of current job  
PE012 : Month of start of current job  
PE013 : Steps for finding the current job  
PE014 : Existence of an unemployment period before current job  
PE015 : Number of months of unemployment before current job  
PE016 : Skills or qualifications to do a more demanding job (for current job)  
PE017 : Use of a foreign language in current job

PE018 : First foreign language used in current job  
PE019 : Second foreign language used in current job  
PE020 : Third foreign language used in current job  
PE021 : Skills needed for current job given by a formal training or education  
PE022 : Importance of the training / education to present job  
PE023 : Apprenticeship / training paid by employer (wage) or social security (benefit)  
PE024 : Type of employment contract  
PE025 : Total length of the contract  
PE026 : Child-minding or creche provided by employer  
PE027 : Health care or medical insurance provided by employer  
PE028 : Education or training provided by employer  
PE029 : Sports and leisure, holiday centre provided by employer  
PE030 : Free or subsidised housing provided by employer  
PE031 : Satisfaction with earnings in present job  
PE032 : Satisfaction with job security in present job  
PE033 : Satisfaction with type of work in present job  
PE034 : Satisfaction with number of working hours in present job  
PE035 : Satisfaction with working time in present job  
PE036 : Satisfaction with working conditions/environment in present job  
PE037 : Satisfaction with distance to job / commuting in present job  
PE038 : Number of days of absence from current job because of illness or other reason  
PE039 : Age at which the person started his/her working life

### **UNEMPLOYMENT**

PU001 : Person has ever been unemployed before first job or business  
PU002 : Person has been unemployed during the past five years  
PU003 : Number of times the person has been unemployed during the past five years  
PU004 : Is one of the unemployment spells longer than one year

### **SEARCH FOR A WORK**

PS001 : Looking for job  
PS001A : Main reason the person is not seeking work  
PS002 : Optimum number of hours the person would like to work in the new / additional work  
PS003 : Chances of finding the new / additional job  
PS004 : Contact with a public employment office about finding work  
PS005 : Active search to find a job  
PS006 : Main reason no active steps taken  
PS007 : Minimum net monthly income the person

would accept to work  
 PS008 : Available to start within 2 weeks  
 PS009 : Unemployment benefit or assistance received at present  
 PS010 : Person registered at a public employment office for work  
 PS011 : Person received a job offer during past 4 weeks  
 PS012 : Any job offer accepted  
 PS013 : Date of start of the new job  
 PS014 : Reason for refusing the most recent job offer

### **PREVIOUS JOB**

PJ001 : Person has worked (15+hours) before  
 PJ002 : Year stop working in last job  
 PJ003 : Month stop working in last job  
 PJ004 : Reason for stopping in previous job  
 PJ005 : Comparison of present and previous jobs  
 PJ006 : Status in employment (previous job)  
 PJ007A : Occupation in previous job (anonymised)  
 PJ007B : Occupation in previous job (anonymised)  
 PJ007C : Occupation in previous job (anonymised)  
 PJ008A : Previous industry (anonymised)  
 PJ008B : Previous industry (anonymised)  
 PJ008C : Previous industry (anonymised)  
 PJ009 : Number of employees in the local unit in previous job  
 PJ010 : Previous job in public / private sector  
 PJ011 : Job status - previous job  
 PJ012 : Full / part time - previous job

### **CALENDAR OF ACTIVITIES**

PC001 : Main activity status in January  
 PC002 : Main activity status in February  
 PC003 : Main activity status in March  
 PC004 : Main activity status in April  
 PC005 : Main activity status in May  
 PC006 : Main activity status in June  
 PC007 : Main activity status in July  
 PC008 : Main activity status in August  
 PC009 : Main activity status in September  
 PC010 : Main activity status in October  
 PC011 : Main activity status in November  
 PC012 : Main activity status in December  
 PC013 : Most frequent activity

### **INCOME**

PI001 : Main source of personal income  
 PI010 : Within-household non-response inflation factor  
 PI100 : Total net personal income (detailed, NC)  
 PI110 : Total net income from work (net, NC)  
 PI111 : Wage and salary earnings (net, NC)  
 PI1111 : Wage and salary earnings (regular)  
 PI1112 : Wage and salary earnings (lump sum)  
 PI112 : Self-employment income (net)  
 PI120 : Non-work private income (net, NC)  
 PI121 : Capital income  
 PI122A : Assigned property/rental income  
 PI123 : Private transfers received  
 PI130 : Total social/social insurance receipts (net, NC)  
 PI131 : Unemployment related benefits

PI132 : Old-age/survivors' benefits  
 PI1321 : Old-age related benefits  
 PI1322 : Survivors' benefits  
 PI133 : Family-related allowances  
 PI134 : Sickness/invalidity benefits  
 PI135 : Education-related allowances  
 PI136 : Any other (personal) benefits  
 PI137A : Assigned social assistance  
 PI138A : Assigned housing allowance  
 PI211M : Current wage and salary earnings (net, monthly)

### **EDUCATION AND TRAINING**

PT001 : Has the person been in education or training since January  
 PT002 : Which kind of course (s) was it?  
 PT003 : Starting year of the general education course  
 PT004 : Starting month of the general education course  
 PT005 : Finishing year of the general education course  
 PT006 : Finishing month of the general education course  
 PT007 : Level of the general education course  
 PT007A : Level of the general education course aggregated  
 PT008 : Starting year of the vocational education course  
 PT009 : Starting month of the vocational education course  
 PT010 : Finishing year of the vocational education course  
 PT011 : Finishing month of the vocational education course  
 PT012 : Level of the vocational education course  
 PT013 : Overall duration of the vocational education course  
 PT014 : Number of days of the vocational education course  
 PT015 : Number of weeks of the vocational education course  
 PT016 : Number of months of the vocational education course  
 PT017 : Was the vocational education course paid for or organised by the employer  
 PT018 : Was this a full-time, a part-time attendance course or a course by correspondence  
 PT019 : Number of hours per week if part-time attendance course  
 PT020 : Person took the vocational education course to improve skills or job prospects  
 PT021 : Was it useful for this purpose?  
 PT022 : Highest level of general or higher completed education

### **HEALTH**

PH001 : Health of the person in general  
 PH002 : Person has any chronic physical or mental health problem, illness or disability  
 PH003 : Person is hampered in daily activities by this physical or mental health problem, illness or disability (asked only to persons

with the physical or mental health problem, illness or disability)

- PH003A : Person is hampered in daily activities by any physical or mental health problem, illness or disability (asked to all persons)
- PH004 : Has the person had to cut down things he/she usually do about the house, at work or in free time because of illness or injury?
- PH005 : Have you had to cut down things you usually do about the house, at work or in your free time because of an emotional or mental health problem
- PH006 : Person admitted in an hospital as an in-patient during the past 12 months
- PH007 : Number of nights spent in hospital during the past 12 months
- PH008 : Number of times the person has consulted a general practitioner
- PH009 : Number of times the person has consulted a medical specialist
- PH010 : Number of times the person has consulted a dentist
- PH011 : Number of times the person has been to a doctor or a dentist or optician (aggregated)
- PH012 : Person entitled to free or nearly free medical insurance (in his/her name or through another family member)
- PH013 : Person is covered by private medical insurance
- PH014 : How is the private medical insurance paid for
- PH015 : Monthly amount of private medical insurance

### **SOCIAL RELATIONS**

- PR001 : Other persons present at the interview
- PR002 : Member of a club or organisation (sport or entertainment club, a local or neighbourhood group, a party)
- PR003 : Frequency of talk to the neighbours
- PR004 : Frequency of meeting people (friends or relatives not living with the person) at home or elsewhere
- PR005 : Spoken to someone outside your household (even by phone) last week
- PR006 : Daily activities include, without pay, looking after children or other persons
- PR007 : Number of hours (per week) spent looking after children (grouped)
- PR007A : Number of hours (per week) spent looking after children (detailed)
- PR008 : Number of hours (per week) spent looking after a person other than a child (grouped)
- PR008A : Number of hours (per week) spent looking after a person other than a child (detailed)
- PR009 : Looked after person(s) (other than children) live in the household or elsewhere
- PR010 : Looking after children or person(s) (other than children) prevents the person from undertaking the amount or kind of paid work he/she would otherwise do

### **MIGRATION**

- PM001 : Migration trajectory
- PM002 : NUTS1 code of the region where the person is currently living
- PM003 : Year of arrival in this region
- PM004 : Code of the previous region of residence within present country of residence
- PM005 : Code of last foreign country of residence before coming to present country
- PM005A : Code of last foreign country of residence grouped before coming to present country (anonymised)
- PM005B : Code of last foreign country of residence before coming to present country (anonymised)=EU or not
- PM006 : Year of arrival in the country of present residence
- PM007 : Code of foreign country of birth
- PM007A : Code of foreign country of birth (anonymised)
- PM007B : Code of foreign country of birth (anonymised)
- PM008 : Country code for the citizenship (abbreviated)
- PM009 : Country code for the citizenship (detailed)
- PM010 : Existence of a second citizenship
- PM011 : Country code for the second citizenship

### **SATISFACTION INFORMATION**

- PK001 : Satisfaction with work or main activity
- PK002 : Satisfaction with financial situation
- PK003 : Satisfaction with housing situation
- PK004 : Satisfaction with amount of leisure time

### **3. Personal register file**

#### **GENERAL INFORMATION**

RG001 : Basic household identification number  
RG002 : Personal weight (cross sectional)  
RG003 : Base weight

#### **DEMOGRAPHIC INFORMATION**

RD001 : Year of birth of the individual  
RD002 : Month of birth of the individual  
RD003 : Age of the individual  
RD004 : Sex of the individual  
RD005 : Working 15+ hours

### **4. Link file**

#### **GENERAL INFORMATION**

BIRTHYY : Year of birth  
BIRTHMM : Month of birth  
SEX : Sex  
SAMPERS : Sample person

#### **WAVE 1 INFORMATION**

**HID1 : Household identification number  
+ split number**  
REGION1 : Region in which the household is  
presently situated  
HSTATUS1 : Household's status  
HRESID1 : Household's residential status  
HTRACE1 : Able to trace the household  
HFNRES1 : Household's interview result  
PSTATUS1 : Person's Status  
PRESID1 : Person's residential status  
PTRACE1 : Able to trace the person  
IO\_YY1 : Year moving in or out  
IO\_MM1 : Month moving in or out  
PTEMP1 : Person's temporary residential status  
PFNRES1 : Individual interview result

#### **• WAVE 2 INFORMATION**

**HID2 : Household identification number  
+ split number**  
REGION2 : Region in which the household is  
presently situated  
HSTATUS2 : Household's status  
HRESID2 : Household's residential status  
HTRACE2 : Able to trace the household  
HFNRES2 : Household's interview result  
PSTATUS2 : Person's Status  
PRESID2 : Person's residential status  
PTRACE2 : Able to trace the person  
IO\_YY2 : Year moving in or out  
IO\_MM2 : Month moving in or out  
PTEMP2 : Person's temporary residential status  
PFNRES2 : Individual interview result

### **5. Relationship file**

**WAVE : Wave number**  
**COUNTRY : Country code**  
**PID1 : Person identification number (left  
side of relation)**  
**RELATION : Relationship code**  
**PID2 : Person identification number  
(right side of relation)**  
**HID : Household identification number  
+ split number**

## Appendix 7: PACO Database: Variable Specifications

- 1.1 Income variables
- 1.2 Demographic variables
- 1.3 Labour Force and Work history variables
- 1.4 Education and Family background variables
- 1.5 Housing variables
- 1.6 Other variables
- 1.7 Weighting variables
- 1.8 Organization (Link) variables

### 1.1. Income variables

<b>xx001</b>	<b>Total wages and salaries</b>	_xx045	<b>Total transfers (excl old age pensions)</b>
_xx002	Wages and Salaries	_xx046	Transfers for Handicapped
_xx003	Salary from apprenticeship	_xx047	Other Transfers
_xx004	Salary from working student	_xx048	Annuities from insurance
_xx005	Second Salary	_xx049	Other Lump-sum Payments
_xx006	Employer Bonuses for employees	_xx050	Income from home consumption, or from farming and gardening
_xx007	In kind Salary	_xx051	Other Incomes
_xx008	<b>Total self-employment income</b>	_xx052	<b>Total transfers</b>
_xx009	Self-employment Income from enterprises	_xx053	<b>Total gross income</b>
_xx010	Income from independent professionals	_xx054	<b>Total social security contributions</b>
_xx011	Farm self-employment Income	_xx055	Health Insurance
_xx012	<b>Total earnings</b>	_xx056	Old Age Insurance
_xx013	<b>Total property income</b>	_xx057	Unemployment Insurance
_xx014	Income from interest and dividends	_xx058	Other Direct Taxes
_xx015	Income from rents	_xx059	Income tax
_xx016	Income from owner occupied houses	_xx060	<b>Total net income</b>
_xx017	<b>Total factor income</b>	_xx061	<b>Total Contributed Private Cash Inter-household Transfers</b>
_xx018	Total employer pension	_xx062	Contributed Transfers to Parents
_xx019	Private pensions (Occupational pensions)	_xx063	Contributed Transfers to Children
_xx020	Public Sector pensions	_xx064	Contributed Transfers to Spouses
_xx021	<b>Total force income</b>	_xx065	Contributed Transfers to other Relatives
_xx022	<b>Total old age pension</b>	_xx066	Contributed Transfers to others
_xx023	Old Age Pensions		
_xx024	Widow/Widower Pensions		
_xx025	Orphan pensions		
_xx026	<b>Total Retirement income</b>		
_xx027	<b>Total social insurance income</b>		
_xx028	Unemployment Benefits from Insurance		
_xx029	Sickness Cash Benefits		
_xx030	Employment Injuries/Occupational diseases benefits		
_xx031	Invalidity Benefits		
_xx032	War related benefits		
_xx033	Family Benefits		
_xx034	Maternity benefits		
_xx035	Government cash transfers for Education		
_xx036	<b>Total means-tested incomes</b>		
_xx037	Social Assistance		
_xx038	Additional Social Assistance		
_xx039	Unemployment assistance		
_xx040	Other Income Dependant Benefits		
_xx041	<b>Total social security income</b>		
_xx042	<b>Total private income</b>		
_xx043	Cash Alimony or Child Support		
_xx044	Received private Cash Inter-household Transfers		

### 1.2. Demographic variables

P201	Sex
P203	Birth month
Pxx204	Family Status
Pxx205	Relationship to Reference Person in HH
Pxx206	Foreign Nationals
Pxx207	Degree of Handicap
Pxx208	Visits to Doctor (excluding dentists)
Pxx209	Subjective Health Status
Pxx210	Cohabitor Status
Hxx250	No. of Adults in HH
Hxx251	No. of Children in HH
Hxx252	Actual age of youngest co-resident child
Hxx253	Actual age of oldest co-resident child
Hxx254	No. of Adult Children in HH
Hxx255	No. of Non-resident children
Hxx256	Household Typology

### 1.3. Labour Force and Work history variables

Pxx301	Employment Status
Pxx302	Employment Type
Pxx303	Prof.Stat.(long version)
Pxx304	Prof. Stat.(short version)
Pxx305	Normal Working Hours Weekly
Pxx306	Total Working Hours
Pxx307	Overtime Compensation
Pxx308	Second Job
Pxx309	Working Hours Second Job
Pxx310	Employment Sector
Pxx311	Type of Employer
Pxx312	Firm Size
Pxx313	Type of Current Occupation
Pxx314	Contractual Situation
Pxx315	Total month in employment in most recent job
Pxx316	Employment status per year (retrospective)
Pxx317	Labour Force Status
Pxx318	Unemployment Status
Pxx319	Immediate Intention for Work
Pxx320	Future Intention for Work

_xxL03	ID-Household
_xxL04	Pre-Year ID-HH
_xxL05	ID-Group
PL06	ID-Individual
_xxL07	ID-Reference Person
_xxL08	ID-Spouse of Reference Person
PxxL09	ID-Spouse
PL10	ID-Father
PL11	ID-Mother
_L12	Case ID
_L13	Random Group ID
<b>_xxL14</b>	<b>Match Indicator</b>

### 1.4. Education and Family background variables

P401	Highest obtained School Education
P402	Highest obtained 2nd Lev. 2nd Stage Education
P403	Highest obtained Imputed Years of Education
Pxx401	Current School Education
Pxx402	Current 2.lev 2.stage Education
Pxx403	Current years of education

### 1.5. Housing variables

Hxx601	House Ownership Status
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### 1.6. Other variables

Hxx801	Territorial division
Pxx810	Time spent on unpaid housekeeping work
Pxx811	Time spent on unpaid child care
Pxx812	Time spent on other unpaid care
Hxx813	Child care external to household

### 1.7. Weighting variables

PxxWEIG	Individual Weight
PxxWEIX	Individual Weight - special weight for Luxembourg to incl. the extension in 1991
PxxWEIL	Individual Longitudinal Weight
HxxWEIG	Household Weight
PxxPROB	Individual Retention Probability
HxxPROB	Household Retention Probability

### 1.8. Organizational (Link) variables

_L01	Country
_L02	Year