EPUNet

ECHP USER GUIDE

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1. Introduction

Purpose of this guide

The purpose of this basic user guide is to provide a straightforward presentation of the European Community Household Panel (ECHP) dataset for new users and to provide a reference to more detailed information for experienced users. The guide is intended to give the new user sufficient information to begin working with the ECHP data. For more experienced users, the guide provides, in a compact format, references to the appropriate Eurostat documentation dealing with key data issues.

Overview of the ECHP

The ECHP is a harmonised cross-national longitudinal survey focusing on household income and living conditions. It also includes items on health, education, housing, migration, demographics and employment characteristics.

The survey runs from 1994 to 2001. In the first wave (1994) a sample of some 60,500 households i.e. approximately 130,000 adults aged 16 years and over were interviewed across 12 member states (Belgium, Denmark, Germany, Greece, Spain, France, Italy, Ireland, Luxembourg, The Netherlands, Portugal, the United Kingdom). In wave 2 (1995) Austria, then Finland in wave 3 (1996) joined the ECHP. From Wave 4 (1997) Sweden provides cross-sectional data in the UDB format derived from its National Survey on Living conditions.

For most of the countries the surveys were carried out using the harmonised ECHP questionnaire. For some countries the institutes in charge of the production of the ECHP converted national data surveys into ECHP format to replace the ECHP from 1997 onwards. In Germany and the United Kingdom, the derived national data was provided from 1994 to 2001. The details of these variations across countries and national surveys are given in Table 1. Care is needed in analysing the converted data for these countries, as some information might not have been collected in the national surveys so that they will appear as missing in the ECHP. In other cases, variables that were not collected in the national survey were imputed based on similar variables.

Table 1: Nature of ECHP data by country and year (Harmonised original ECHP data and data derived from existing national sources)

Countries	Full ECHP Data Format	ECHP Data Format derived from National Surveys
Belgium*, Denmark, France, Greece, Ireland, Italy, the Netherlands*, Spain, Portugal	1994-2001	-
Austria	1995-2001	-
Finland	1996-2001	-
Germany	1994-1996	1994-2001 (SOEP)
Luxembourg	1994-1996	1995-2001 (PSELL)
United Kingdom	1994-1996	1994-2001 (BHPS)
Sweden	-	1997-2001 (SLCS) (Cross-sectional data only)

* The ECHP data for Belgium and the Netherlands come from a modification of existing national panels to meet the ECHP requirements. These are listed in the first column above because this system was in place from the beginning of the ECHP and national questionnaires were substantially modified to meet the ECHP requirements.

From the Production Data Base to the User Data Base

Within each country represented in the ECHP the surveys were carried out by the "National Data Collection Units", "NDUs" that are either the National Statistical Institutes or research centres. The results of the interviews were then transmitted to Eurostat using a format very close to the questionnaire. These datasets were checked and formatted by Eurostat as the 'Production Data Base' (PDB). The PDB which is only available to the "NDU's" is then used by Eurostat for weighting, imputation and construction of the 'User Data Base' (UDB). The UDB is the standardised, anonymised and more user-friendly user version of the ECHP data made available to researchers under an ECHP research contract signed with Eurostat.

Characteristics of the ECHP dataset

Three central features of the ECHP make this dataset a valuable source of information for researchers.

The first feature is the multidimensional character of the topics covered. The ECHP provides microdata on a wide range of topics at the level of individual and household:

income, social life, housing condition, health, education, employment, training, and so on.

The second feature is the cross-national comparability of the data. The ECHP (apart from those countries using data derived from national sources, as noted above) is a harmonised and comparable dataset across countries. This has been achieved through the implementation of common procedures at all stages from the design of a harmonised questionnaire, harmonised definitions and sampling requirements.

The third and final main feature of the ECHP is its longitudinal nature. Individuals who were members of a household in the first wave ('sample persons') are followed over time allowing researchers to examine how their circumstances change over time. As such, the ECHP provides information on relationships and transitions over time at the micro level.

Data access

The ECHP dataset is available through one of the Eurostat Datashops. Contact details for the Datashops and further information regarding access to the data can be found on the following web site:

http://europa.eu.int/comm/eurostat/Public/datashop/print-catalogue/EN?catalogue=Eurostat

Eurostat distributes the dataset via a CD-ROM that includes the documentation of the ECHP UDB as well as a self-extracting file to produce the dataset. Eurostat supplies the dataset files in a "comma separated variable" (CSV) format. A file in CSV format is a plain text file where all values (text, numbers...) are separated by commas and, in the case of string (alpha) variables, enclosed with double quotes. Because they are not application-specific, CSV files can be opened on any computer system and by most applications.

However, the files will have to be converted into a readable format before the data can be analysed using statistical packages such as SAS, STATA or SPSS. Some transcription programs are available online for this purpose on the EPUNet website.

2. Documentation

Eurostat has prepared a number of documents providing details about the content and character of the ECHP data files, and background on survey methodology. The key documents are sent to users who obtain the data on CD ROM on the CD itself. They are also available on the CIRCA library web site page dedicated to ECHP. Because of the large number of these documents we can't fully describe all of them here but Figure 1 outlines the structure of the CIRCA website in order to facilitate a search for a specific document. In addition, Annex A provides a comprehensive list of all documents available on this website following the same structure as on the CIRCA web site.

Figure 1: Organisation of the CIRCA web site on ECHP documentation

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ECHP Documents                                ECHP Users' Database Documents

        1. Survey Design                              UDB version of December 2001

  1.1 Questionnaires    1.4 Control & processing      UDB version of December 2002
                            of the data
  1.2 Sampling           1.3 Methodology              UDB version of June 2003

                              Imputation

                              Weighting

                              Tracing rules

  Agenda & minutes of ECHP meetings

  Data access

  Quality & analysis

  Publications (ECHP Newsletter)
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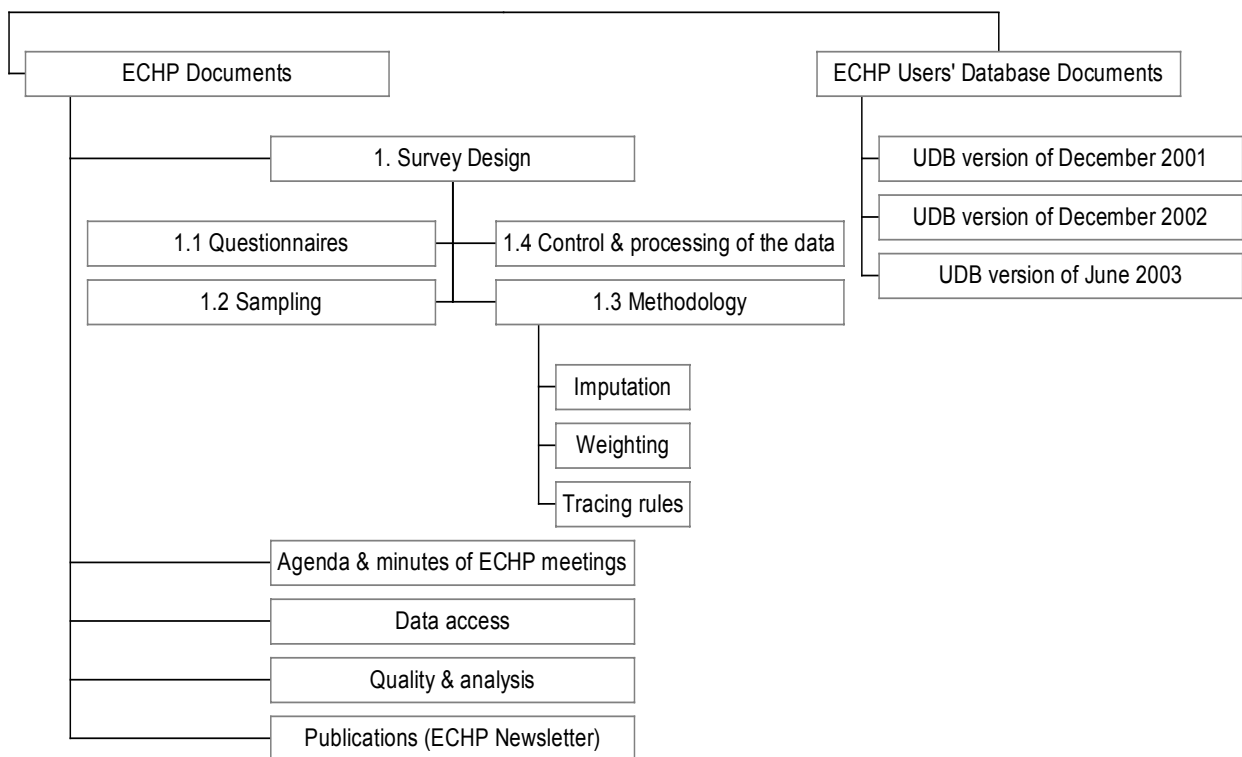
Table 2 lists some of the key documents which are likely to be of use to users and analysts of the ECHP.

Table 2: Key ECHP documentation

Document name	Description of the content
PAN 15	The variable list and codebook for the household and personal register records as well as for the household and personal questionnaire records for Wave 1 (1994).
PAN 30	As above but for wave 2 (1995)
PAN 65	As above but for wave 3 (1996)
PAN 81	As above but for wave 4 (1997)
PAN 97	As above but for wave 5 (1998)
PAN 112	As above but for wave 6 (1999)
PAN 151	As above but for wave 7 (2000)
PAN 159	As above but for wave 8 (2001)
PAN 165	Describes the weighting procedure that has been implemented for calculating individuals and households weights without describing however how these weights have to be used
PAN 166	Describes the variables (data dictionary, code book, and differences between countries and waves). The document is divided between the Household file and the Personal file, themselves divided into categories such as General Information, Demographic, Income and so on.
PAN 167	Describes the conversion of the variables from the PDB questions to the UDB variable format for the household file, personal file as well as link fixed variables and link wave specific variables (household and personal)
PAN 168	Presents the ECHP history as well as describing the dataset (the various files), the contractual arrangements and the related documents (Doc PAN 164, PAN 165 etc…) and the contacts for the National Data Collection Units and Eurostat

3. Structure of the ECHP User Database

This section provides an outline of the content of the ECHP User Database (UDB) files, as covered in more detail in the document PAN168. The UDB includes several files that

are wave-specific (a "register file" a "relationship file", a "household file" and finally a "personal file") and two files cover all the waves (the "country file" and the "longitudinal link file"). Annex B provides a list of the variables included in each file.

3.1 Country File

This file contains the following information for each wave and country:

-Population figures (number of private households, number of persons living in private households, number of persons aged at least sixteen and living in private households) which can be used to rescale the weight to gross-up the results to population figures.

-Purchasing power parities (PPP): PPPs are a fictitious currency exchange rate, which eliminate the impact of price level differences; 1 PPP will thus buy a comparable basket of goods and services in each country (they are scaled at EU level, which is why PPPs can be thought of as the Euro in real terms).

-Exchange rates figures to convert national currencies to ECU/EURO. The country file contains also the fixed exchange rates for the 'Eurozone' countries (after 01.01.1999).

3.2 Longitudinal Link File

This file contains a record for every person that ever appeared in the ECHP. The first section contains information (gender, year of birth…) that remains constant over time. The second section, which is repeated in each wave, contains all the information (household identifier, household size…) required to rebuild the "longitudinal status" of the person from the beginning to the end of the panel, derived from the personal and household register files. Each person receives an identification number (PID) that is fixed across all waves. Note that the PID is unique only within country: when several countries are being analysed, the country code must also be used to create a truly 'unique' identifier.

3.3 Register File

This file covers all persons currently living in households with a completed household interview. There is one register file for each wave of data. Principally the information available for each person is the household and personal identifier, the weights, year and month of birth, age and gender.

3.4 Household File

This file contains one record for each household with a completed household interview. The data in the household file is grouped into 7 sections as follows:

-HG: General information
-HD: Demographic information
-HI: Household income
-HF: Household financial situation
-HA: Accommodation
- HB: Durables
- HL: Children.

3.5 Personal File

This file contains one record for each adult with a completed personal interview. The information is grouped into 13 sections as followed:

-PG: General information
-PD: Demographic information
-PE: Employment
-PU: Unemployment
-PS: Search for a job
-PJ: Previous job
-PC: Calendar of activities
-PI: Income
-PT: Training and Education
-PH: Health
-PR: Social relations
-PM: Migration
-PK: Satisfaction with various aspects of life

3.6 Relationship File

This file records the relationship between each pair of persons in the same household. There is a separate relationship file for each wave. Its records have the format "person X has relationship R with person Y". The following rule is used in specifying the variables corresponding to X, and Y:

If the relationship is between an ascendant and a descendant (such as parent and child), 'R' (variable 'Relation') always specifies the descendant side of the relationship (e.g. the

child, grandchild etc.). Variable PID1 is the fixed identification number (PID) of the ascendant, and variable PID2 is the fixed identification number (PID) of the descendant.

In the relationship file individuals are identified in terms of their fixed PIDs, so that the consistency and evolution of relationships can be traced over waves.

3.7 Variables Used for Matching Files

The following diagram shows how the UDB files are linked in terms of the identifiers or ID numbers. It shows, for example, that in order to 'attach' information on the household file to a particular individual, you would need to match the household file to the personal file using Wave, Country and HID.

Figure 2: Examples of Identifiers Used in Linking Files
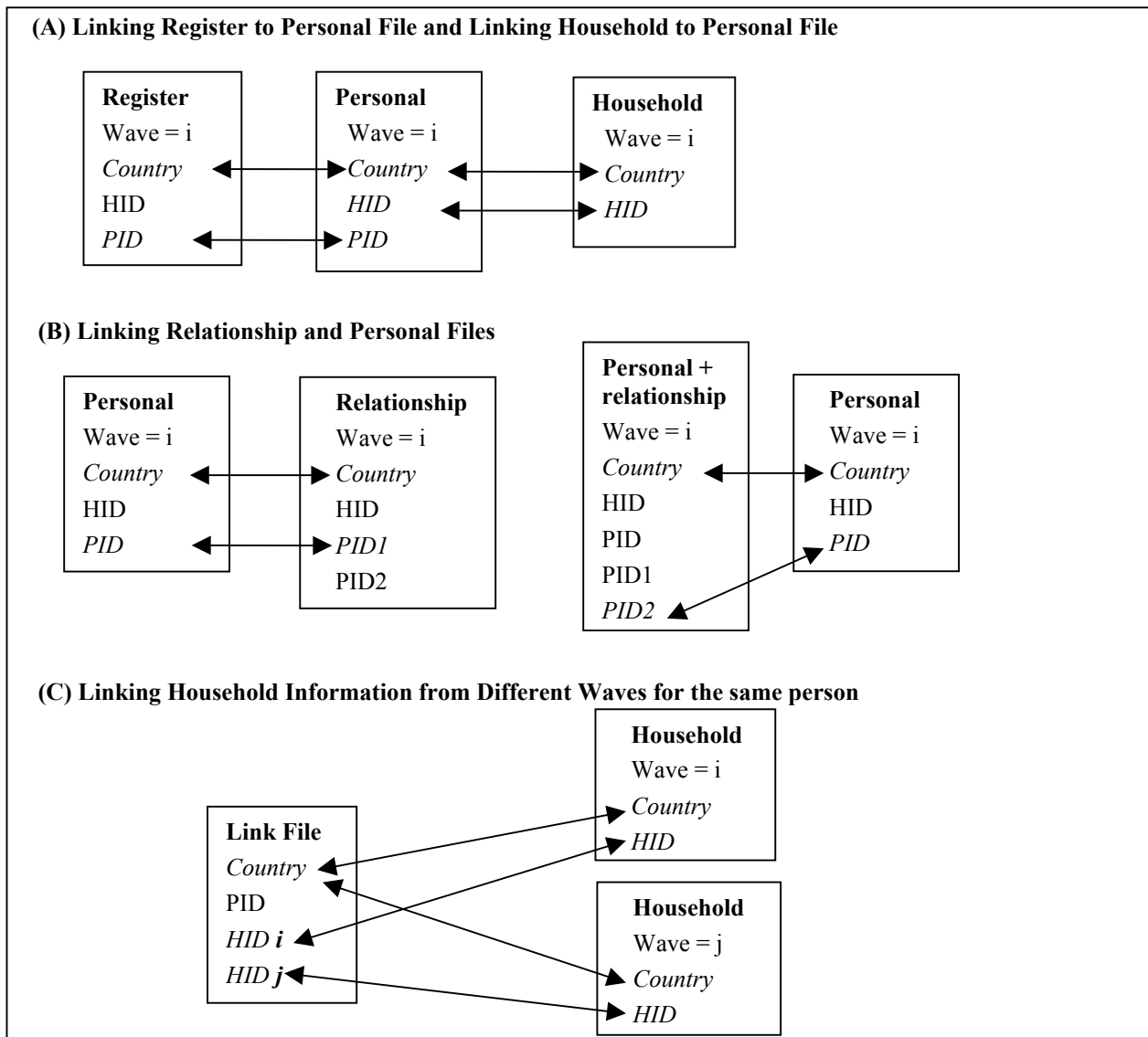
3.8 Number of observations in each file and wave

The following table gives an indication of the number of cases available for cross-sectional analysis in each wave. It shows the number of cases in each of the UDB data files.

Table 3: Number of observations in each file and wave

	Link File	Household	Register	Personal
Wave 1	N.A.	71,367	198,070	149,306
Wave 2	N.A.	73,715	204,060	156,063
Wave 3	N.A.	74,746	205,432	157,536
Wave 4	N.A.	68,788	186,987	143,935
Wave 5	N.A.	66,097	177,434	136,238
Wave 6	N.A.	64,285	171,093	131,372
Wave 7	N.A.	61,330	161,735	124,937
Wave 8	N.A.	59,852	156,606	121,122
All waves	282,615	N.A.	N.A.	N.A.

Note: Data files for Waves 1-3 include the data from national sources for Germany and the UK, as well as the data from the original ECHP. Data from Waves 2-3 include data from the national source for Luxembourg as well as the ECHP data for Luxembourg.

3.9 Number of cases available for Longitudinal Analysis

The following table gives an indication of the number of cases available longitudinal analysis. It shows the number of cases for which information is available in all of the indicated waves[1]. It is clear that sample attrition has reduced the number of cases available for longitudinal analysis. For more information, see *Doc. PAN118 Sample attrition between Waves 1 and 2 in the ECHP*.

Table 4: Number of cases available for selected longitudinal analyses

	Number Persons (all ages)	Number of Personal Interviews
Wave 1-2	179,464	132,220
Wave 2-3	187,573	139,594
Wave 1,2,3,4,5,6,7	99,516	70,966
Wave 1,2,3,4,5,6,7,8	92,350	65,622

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[1] Note that the figures include both the ECHP and national samples for Germany and the UK (1994-96) and Luxembourg (1995-96).

4. Weights

In the ECHP UDB files, weights are available for households and persons. These weights are calculated taking into account the sample design and characteristics of persons and households. The weights are calibrated to reflect the structure of the population.

The purpose of this section is to describe briefly the various weights and their appropriate use. For a detailed description of the weighting procedures that have been implemented for calculating weights in the ECHP, see PAN 165.

Table 3 describes the weights provided for each wave and file. There are two types of weights: the *base weight* (at individual level only) which would be used for longitudinal analysis and the *cross-sectional weight* (at both individual and household level) for use in cross-sectional analyses.

The base weight is available only for 'sample persons'. In Wave 1 all persons in interviewed households are considered as 'sample persons' – eligible to be followed from one wave of the panel to the next.[2] In the following waves, new entrants to existing households are defined as 'non-sample persons' to distinguish them from those present in the first wave. These new sample members have a zero base weight, but a non-zero cross-sectional weight.

Table 5: Weights available in the ECHP UDB

	Name of the weight variable	
File type	Base weight	Cross-sectional weight
Register	RG003	RG002
Personal	PG003	PG002
Household	-	HG004

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[2] Under ECHP tracing rules, if a household does not contain any 'sample persons' (for example, they moved out or died), the household is dropped from the panel.

Register file

Two sets of weights are in the dataset, the base weight and the cross sectional weight. Children, as well as adults, have a cross-sectional weight and a base weight on the Register file.

Base weight (RGOO3) In Wave 1, all 'sample persons' (including children) receive a non-zero base weight and all persons in the same household share the same weight.

From Wave 2 and onwards the base weights are computed on the basis of the Wave 1 base weights, modified to take into account attrition between the waves and calibration of the achieved sample to external control distributions by basic personal and household characteristics. New members (joining the household after Wave 1) do not have a base weight assigned.

Cross-sectional weight (RGOO2)

In Wave 1 the cross-sectional weights are identical to the base weights and are equal for all household members.

From Wave 2 and onward households members have the same cross-sectional weight that is computed as the *average* of the base weights of all household members.

Personal file

As for the register file, base weights and cross sectional weights are available in the dataset.

Base weight (PGOO3)

All 'sample persons' who complete a personal interview (and have a record in the Personal File) receive a non-zero base weight and 'non-sample persons' receive a zero base weight. The personal file base weight is derived from the register file base weight and is adjusted to take account of variations in response rates on the Personal Questionnaire by age, gender and other personal characteristics. Therefore, unlike the register file base weight, the personal file base weight will differ between household members.

From Wave 2 and onwards the same applies, that is, 'sample persons' receive a non-zero base weight and 'non-sample' persons receive a zero base weight.

Cross-sectional weight (PGOO2)

In Wave 1 the cross-sectional weight is identical to the base weight.

From Wave 2 and onward households members have the same cross-sectional weight that is computed as the average of the base weights of the *interviewed* household members.

Household file

In the household file across all waves there is only one weight: the cross- sectional weight. By definition, the base weight cannot apply to households, as households are not stable in composition across time.

Population scaling

The weights in the household and personal file (as well as the register file) have been rescaled so that the mean of the weight within country is equal to one. For the purpose of some analysis one might wish to scale results to population size and to do so we can use a grossing factor. This grossing factor is constructed as the ratio of two components, N/n. The numerator (N) is the population size analysed - that is the country total population (persons for the register file, households for the household file) or the population aged 16 and over (for the personal file). The denominator (n) is the sample size of the population analysed, that is, the number of cases in the register, household or personal file, as appropriate. Information on total population sizes (persons, households, persons age 16 and over) can be found in the country file for each wave.

Longitudinal analysis, cross-sectional analysis and appropriate weight

By definition with longitudinal analysis we are only concerned with persons present in a number of consecutive waves that would require the use of a specific weight. Eurostat does not supply in the ECHP dataset such a longitudinal weight for each subset of waves that might be analysed. However the base weight (RG003 or PG003) is available for 'sample persons' who were present in the panel in earlier waves. The appropriate weight to use for longitudinal analysis, then, is the base weight of the last wave analysed. So,

for instance, to analyse employment information from the personal questionnaires for 1994-1999, PG003 from 1999 would be used.

On the other hand, if the analyst is interested in using the data for cross-sectional purposes, the cross-sectional weight should be used. This weight is available for all persons present (and personally interviewed, in the case of PG002) in that wave: both sample persons and non-sample persons.

5. After the ECHP: EU-SILC

As mentioned earlier, the ECHP ran from 1994 to 2001. From 2004 onwards a new instrument called EU-SILC (Statistics on Income and Living Conditions) will replace it as the central source of micro-data on household incomes and social exclusion in the EU. EU-SILC will be organised under a framework Regulation adopted in 2003 by both the EU Council of Ministers and the European Parliament. Unlike the ECHP, it will therefore be compulsory for all Member States. Among the EU-15 Member States, 6 have launched EU-SILC as from 2003 on the basis of informal agreements signed with the Commission (Belgium, Denmark, Greece, Ireland, Luxembourg and Austria). Apart from Germany, the Netherlands and the UK, the other Member States will start in 2004 as foreseen in the Regulation; Germany, the Netherlands and the UK will start in 2005. Depending on the country, accessing and candidate countries will launch EU-SILC between 2004 and 2007.

The priority with EU-SILC is the provision of quality, timely *cross-sectional* information on household incomes and social exclusion. The emphasis is on output harmonisation rather than input harmonisation: the data may come from different sources in different EU member states, and countries with highly developed population registers will be encouraged to use these sources. Notwithstanding the efforts at output harmonisation, (which are formalised in a series of Commission's Regulation to be approved by the Director-generals of national statistical institutes) the international comparability of data from EU-SILC will inevitably be diminished compared to the ECHP. EU-SILC is also more limited in content than the ECHP. The main differences between the ECHP and SILC are:

- Whereas the ECHP was a full panel (with all sample persons from wave 1 followed for the life of the panel) EU-SILC will allow for a rotational design in which an individual is followed for four years. Countries seeking to conduct a full panel will, however, be allowed to do so.

- The ECHP was based on the use of harmonised questionnaires in all the participating member states (at least in the first three waves), but SILC allows key data on individuals to be drawn from registers or other sources where these are available in a country. This is done to ensure that each country can use what it considers to be its 'best source(s)' for income data, but reduces the degree to which the methodology is harmonised across countries.

- Much of the detailed information on labour market situation and on non-monetary indicators of exclusion has been dropped from SILC.

- EU-SILC allows certain income components to be provided only at the household level: family allowances (including Child Benefit and Lone Parent Allowance), property income (interest, dividends, rent), housing allowances (such as rent and mortgage interest supplements) and social assistance payments. In contrast, apart from social assistance and housing benefits, the ECHP recorded these at the level of the individual recipient. This means that SILC will lack the kind of data needed for tax-benefit modelling at the level of the individual or tax unit.

6. Further Information

As noted earlier, Eurostat has produced a large number of detailed documents on the ECHP, ranging from the 'blueprint' ECHP questionnaires, through documents dealing with methodological issues, to the agenda and minutes of ECHP meetings. These are available on the CIRCA website[3] and a list of the documents is provided in Annex A.

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[3] http://forum.europa.eu.int/Public/irc/dsis/echpanel/home

Apart from this User Guide, the Euro-Panel User Network (EPUNet) has a number of other resources that are likely to be of interest to new and advanced users of the ECHP. The resources include the following:

- Set-up programmes for use in converting the Comma Separated Variable (CSV) files issued by Eurostat into formats for analysis in the statistical packages SPSS, SAS and STATA.

- A searchable register of "Queries and Solutions" based on the experience of ECHP Users. This register includes problems and issues arising in the course of work on the ECHP and, where available, the solutions that have been proposed.

- An e-mail hotline for queries not covered in the Register of Queries and Solutions.

- Training courses for new and advanced users of the ECHP.

- Examples of SPSS syntax for linking and matching files, from the EPUNet training courses.

- Research Visits where researchers from institutions who do not already have access to the ECHP can come for a period of several weeks and use the ECHP data for a specific research project.

- A database of programs for computing derived variables which have been used in previous research using the ECHP.

- A database of research projects, working papers and publications based on the ECHP.

- An annual conference focusing on comparative research using the ECHP.

We hope that you have found this guide helpful. We would be glad to receive comments [dorothy.watson@esri.ie]. We also hope that you will also consider contributing your own queries, solutions, programs for computing derived variables and research papers to EPUNet – this can be done from the website. EPUNet is a network *of* ECHP users *for* ECHP users and its success depends on your participation.

Annex A

ECHP DOCUMENTATION on CIRCA

ECHP Documents

1.   Survey Design

1.1   Questionnaires

PAN015	ECHP Wave 1: Variable list for the 1994 survey
PAN030	ECHP Wave 2: Variable list for the 1995 survey
PAN065	ECHP Wave 3: Variable list for the 1996 survey
PAN081	ECHP Wave 4: Variable list for the 1997 survey
PAN097	ECHP Wave 5: Variable list for the 1998 survey
PAN112	ECHP Wave 6: Variable list for the 1999 survey
PAN151	ECHP Wave 7: Variable list for the 2000 survey
PAN159	ECHP Wave 8: Variable list for the 2001 survey
PAN080	ECHP Wave 4: Survey questionnaires – 1997
PAN082	ECHP Wave 4: Survey questionnaires - 1997(reduced)
PAN096	ECHP Wave 5: Survey questionnaires – 1998
PAN098	ECHP Wave 5: Survey questionnaires - 1998 (reduced)
PAN113	ECHP Wave 6: Survey questionnaires – 1999
PAN114	ECHP Wave 6: Survey questionnaires -1999 (reduced)
PAN152	ECHP Wave 7: Survey questionnaires – 2000
PAN153	ECHP Wave 7: Survey questionnaires - 2000 (reduced)
PAN161	ECHP Wave 8: Survey questionnaires - 2001
PAN162	ECHP Wave 8: Survey questionnaires - 2001 (reduced)
PAN073	Classifications used in questionnaires
PAN077	Preparation for Wave 4 Questionnaire for Wave 4: First proposal on changes
PAN 148	ECHP: Suggested changes to 2001-2002 questionnaire
PAN 166	ECHP UDB (B): Description of variables (DocPAN 166/2003-06)
PAN 166	ECHP UDB (B1): Description of variables (DocPAN 166/2003-06)
PAN 168	ECHP UDB (A): Manual (DocPAN 168/2003-06)
PAN 167	ECHP UDB (C): Construction of variables (DocPAN 166/2003-06)
PAN 167	ECHP UDB (C1): Construction of variables (DocPAN 166/2003-06)

1.2   Sampling

PAN029   Definition of reference person in the ECHP

PAN042   Identification numbers: some examples

PAN111   Sample Supplementation 1999

PAN163   Revised: Technical specifications concerning fixed personal identification numbers in the ECHP

1.3   Methodology

1.3.1 Imputation

E2/SEP/30/2001   Imputed rent

PAN 164   ECHP UDB (D): Imputation of income (DocPAN 164/2002-12)

PAN088   Longitudinal imputation 1997

PAN103   Procedure for calculating imputed rents 1998

PAN144   Summary of criticisms and suggestions concerning methods of calculating

                 imputed rents

PAN164   Imputation of income in the ECHP (DocPAN 164/2000)

PAN175:   Adjusting household income for within household non-response

PAN178   Imputed rent

1.3.2 Weighting

PAN036   Weighting for wave 1

PANI09   Weighting for wave 3:technical specifications

PAN120   Adjustment of weights following the addition of supplements to the ECHP

PAN165   Construction of weights in the ECHP (Doc Pan 165/00)

PAN183   ECHP Weighting-Review after wave 5

ECHP UDB (E) Construction of Weights in the ECHP (Doc Pan 165/2003-06)

1.3.3 Tracing Rules

PAN027   Tracing rules for the second wave of the ECHP

PAN055   Tracing rules

1.4 Control and processing of the data

PAN062	Basic Longitudinal edits
PAN089	Longitudinal data structure
PAN104	Production and Users' database
PAN105	Anonymisation criteria applied to the users' database (Version 1999)
PAN 105	Anonymisation criteria applied to the Users' Database (Doc Pan 105/2003-05; version 2003)
PAN107	Development of longitudinal variables
PAN115	Control in wave 4
PANl16	Data Alert no 1 on the Users' Database issued in December 1998
PAN150	Data Alert no2 on the Users' Database issued on 15 February 2000
PAN169	Data Alert no 3 on the Users' Database issued on 15 February 2000
PAN172	Cooperation between Eurostat and the NDU in producing and using ECHP data
PAN174	Data alert no 1 on the ECHP Users' Database waves 1 to 4 (1994 to 1997) issued in June 2001
PAN177	Transmission of data
PAN184	Data alert no 5 on the User's Database issued on 18 December 2001

2 Agenda and minutes of ECHP meetings

Annual meeting of the European Directors of Social Statistics, 13-14 June 2000: Minutes

PAN026	Minutes of the Working Group 10-11 October 1994 Lisbon
PAN033	Agenda of the Working Group 13-14 February 1995 Luxembourg
PAN043	Agenda of the Working Group 18-19 September 1995 Paris
PAN057	Minutes of the Working Group 18-19 September 1995 Paris
PAN067	Agenda of the Working Group 17-18 October 1996 London
PAN079	Minutes of the Working Group 17-18 October 1996 London
PAN083	Agenda of the Working Group 13-14 November 1997 Luxembourg
PAN095	Agenda of the Working Group 25-26 February 1999 Luxembourg
PAN099	Minutes of the Working Group 13-14 November 1997 Luxembourg
PAN099Bis	ECHP Technical Meeting agenda

PAN117   Minutes of the Working Group 25-26 February 1999 Luxembourg

PANl17Bis   ECHP Group of experts meeting agenda

PANl17Ter   Minutes of the Expert Group meeting on the ECHP supplementation

PAN121   Task Force 'Long term future of the ECHP' agenda

PAN135   Minutes of the Task Force 'long term future of the ECHP' 8-9 November
                1999 Brussels

PAN136   Task Force 'Long term future of the ECHP' revised

PAN139   Conclusions of the Task Force on the long term future of the ECHP,
                Luxembourg, 21-22 February 2000

PAN140   Agenda of the Working Group 23-24 March 2000 Luxembourg

PAN149   Minutes of the Working Group 23-24 March 2000 Luxembourg

PAN154   Revised agenda of the Task Force on the long term future of the ECHP,

                Luxembourg, 21-22 September 2000

PAN173   Revised minutes meeting of the working group on EU-SILC and ECHP,
                Luxembourg, 26-27/04/2001

PAN176   Draft agenda

SILC028/01: Agenda of the working group, Luxembourg, 26-27/04/2001

3.   Data Access

PAN106   Dissemination of the users' database: access policy and experience date

PAN106bis   ECHP Data Dissemination by NDUs in the UDB format Proposal for an
                EU harmonised set of rules

PAN147   ECHP Data Dissemination by NDUs in the UDB format

PAN170   ECHP research contracts (30/07/2003)

PAN180   Current situation on ECHP contracts and new developments regarding
                confidentiality

4.   Quality and analysis

Doc. Dss-4-4-EN: Gender pay gap, annual meeting of the European DSS

                Luxembourg, 22-23/04/2002

E2/SEP/19/2001: Structural indicators, chapter social cohesion

E2/SEP/28/2001: Reference periods

PAN063   Sampling errors and design effects: Household interview Illustration from
                one country (United Kingdom)

PAN063	Annex: Sampling errors for weighted data Illustration: Wave 1 Household Questionnaire (U.K.)
PAN071	WAVE 1 results: database and dissemination
PAN075	WAVE 2 evaluation: sampling errors computation
PAN092	Response rates for the first three waves of the ECHP
PAN094	The place of social transfers in the incomes and living standards of households
PAN108	Revised: ECHP Data Quality Second report
PAN118	Sample attrition between Waves 1 and 2 in the ECHP
PAN119	The effect of attrition on structure of the sample
PAN138	Sampling errors: Proportions, means and other ratios estimated from the household questionnaire
PAN179	Attrition in the ECHP
PAN181	Gender Pay Gap
PAN182	Structural indicators derived from the ECHP
PAN185	Sample attrition between waves 1 and 4 in the ECHP

5.   Publications

ECHP Newsletter 01/02

ECHP User's Database Documents

UDB version of December 2003

PAN164   ECHP UDB (D) Imputation of income (2002-12)

PAN165   ECHP UDB (E): Construction of weights (2003-06)

PAN166   ECHP UDB (B & B1): Description of variables (2003-12)

PAN167   ECHP UDB (C & C1): Construction of variables (2003-12)

PAN168   ECHP UDB (A): Manual (2003-12)

PAN170   Research Contracts

                Info note relating to the ECHP UDB 1994-2001

                SAS programs to import the UDB (version Dec. 2003)

UDB version of June 2003

PAN164   ECHP UDB (D) Imputation of income (2002-12)

PAN165   ECHP UDB (E): Construction of weights (2003-06)

PAN166   ECHP UDB (B & B1): Description of variables (2003-06)

PAN167   ECHP UDB (C & C1): Construction of variables (2003-06)

PAN168   ECHP UDB (A): Manual (2003-06)

PAN170   Research Contracts

UDB version of December of 2001

Info UDB (version Dec.2001)

SAS programs to import UDB (version Dec. 2001)

UDB version of December of 2002

PAN164   ECHP UDB (D) Imputation of income (2002-12)

PAN165   ECHP UDB (E): Construction of weights (2002-12)

PAN166   ECHP UDB (B & B1): Description of variables (2002-12)

PAN167   ECHP UDB (C & C1): Construction of variables

PAN168   ECHP UDB (A): Manual (2002-12)

Info note relating to ECHP UDB 1994-1999

Main changes applied to ECHP UDB 1994-1999

SAS programs to import UDB (version Dec. 2002)

Annex B VARIABLE NAMES AND LABELS

Household file variables

HG-General information

WAVE   Wave number
COUNTRY   Country code
HID   Household identification number
HG001   Personal identification number of the reference person
HG002   Personal identification number of person responsible for accommodation
HG003   Personal identification number of respondent to household interview
HG004   Household cross-sectional weight
HG005   Primary strata, as used in the selection of original sample area (anon.)
HG006   Primary sampling unit (PSU) code (anonymised)
HG007   The order of selecting the PSUs, if systematic sampling (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 in which the household is presently situated (NUTS aggregates)

HD-Demographic information

HD001   Household size (total number of household members at present)
HD002   Number of adults in the household (16 years or more)
HD002A   Number of personal interviews completed
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 (economic typology)
HD006B   Household type (economic typology focused on persons aged 65 or more)
HD007   Number of members moved out
HD008   Number of members died
HD009   Number of members moved in
HD010   Number of members born
HD011   Number of members omitted in last wave (by mistake)
HD012   Number of interviewed household members at work
HD013   Number of interviewed economically active household member

HI-Income

HI100	Total net household income (detailed, NC, total year prior to the survey)
HI100X	Total household net income imputation index (0-1)
HI110	Total net income from work (net, NC, total year prior to the survey)
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, total year prior to the survey)
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, year prior to the survey
HI123	Private transfers received
HI123X	Private transfers received imputation index (0-1)
HI130	Total social transfer receipts (net, NC, total year prior to the survey)
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)
HI140	Adjusting household income for within household non-response
HI200	Current total monthly net household income (summary question, NC, year of the survey)
HI211M	Current wage and salary earnings - net (monthly, NC, year of the survey)
HI211X	Current wage and salary earnings - net - imputation index
HI211MG	Current wage and salary earnings - gross (monthly, NC, year of the survey)
HI211XG	Current wage and salary earnings - gross - imputation index

HF-Financial situation

HF001	Repay debts other than mortgage
HF002	Ability to make ends meet
HF003	Can the household afford keeping its home adequately warm?
HF004	Can the household afford paying for a week's annual holiday away from home?
HF005	Can the household afford replacing any worn-out furniture?
HF006	Can the household afford buying new, rather than second-hand, clothes?
HF007	Can the household afford eating meat, chicken or fish every second day, if wanted?
HF008	Can the household afford having friends or family for drink or meal at least once a month?
HF009	Has the household been unable to pay scheduled rent for the 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, such as electricity, water, gas during the past 12 months?
HF012	Has the household been unable to pay hire purchase instalments or other loan repayments during the past 12 months?
HF013	Is there normally some money left to save (considering household's income and expenses)
HF014	Lowest monthly income to make ends meet (in NC)
HF015	Income situation compared to last year
HF016A	Household received non-cash assistance
HF016B	Number of months the household received non-cash assistance
HF017	Inherit, receive gift or lottery winnings worth 2000 EURO or more
HF018	Amount of the inheritance, gift or lottery winnings
HF018A	Significant savings (1000 Ecu or more) from consuming food from own agriculture or gardening
HF019	Significant savings (1000 Ecu or more) from consuming other goods from own business
HF020	Significant savings (1000 Ecu or more) from home production, repairs and maintenance, i.e. all kinds of do-it-yourself activities
HF021	General feeling about present economic situation

HA-Accommodation

HA001	Year of move to this address
HA002	Month of move to this address
HA003	Move from (geography)
HA004	Reason for move
HA005	Kind of accommodation
HA006	Number of rooms without kitchen (maximum value=9+)
HA006A	Number of rooms without kitchen (maximum value=6+)
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 hot running water?
HA012	Does the dwelling have heating or electric storage heaters ?
HA013	Does the dwelling have a place to sit outside, e.g. terrace or garden ?
HA014	Does the accommodation have shortage of space ?
HA015	Does the accommodation have noise from neighbours or outside ?
HA015A	Does the accommodation have noise from neighbours ?
HA015B	Does the accommodation have other noise from outside (traffic, businesses, factories, etc.?
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, foundations etc. ?
HA020	Does the accommodation have rot in window frames or floors ?
HA021	Is there any pollution, grime or other environmental problem caused by traffic or industry ?
HA022	Is there crime or vandalism in the area ?
HA023	Tenure status
HA024A	Existence of outstanding loan or mortgage for the accommodation
HA024B	Monthly amount to pay for outstanding loan or mortgage for the accommodation (in NC)
HA025	Amount of monthly repay for outstanding loan or mortgage is gross or net after tax relief
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 other electricity or 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	Are housing costs a financial burden ?

HB-Durables

HB001	Possession of a car or van (for private use)
HB002	Possession of colour TV
HB003	Possession of a video recorder
HB004	Possession of a micro wave
HB005	Possession of a dishwasher
HB006	Possession of a telephone
HB007	Possession of a second home (e.g. for vacation)
HB008	Possession of a home computer

HL-Children

HL001	Children under 12 in the household
HL002	Children looked after on a regular basis
HL003	Pay for the children looked after
HL004	Children between 12 and 15 in the household
HL005	Has any of the children under 16 an independent source of income ?

Personal file variables

PG-General information

WAVE	Wave number
COUNTRY	Country code
HID	Household identification number
PID	Personal identification number
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
PG008	Mode of interviewing

PD - Demographic information

PD001	Year of birth
PD003	Age
PD004	Sex
PD005	Present marital status
PD006	Date of last change in marital status
PD007	Person is living in consensual union
PD008	Cohabitation status

PE - Employment

PE001	Main activity status - self-defined
PE001A	Main activity status - self-defined (a)
PE002	Main activity status - self-defined (regrouped)
PE002A	Main activity status - self-defined (regrouped) (A)
PE003	ILO main activity status at the time of interview PEO04 Status in employment
PE004	Status in employment
PE005	Total number of hours working per week (in main + additional jobs)
PE005A	How many hours (including paid overtime) do you work in your main job or business?
PE005B	Main reason for working less than full time (less than 30 hours) in main job

PE005C	Main job: Full-time / part time
PE006A	Occupation in current job, i.e. principal activity performed (grouped A)
PE006B	Occupation in current job, i.e. principal activity performed (grouped B)
PE006C	Occupation in current job, i.e. principal activity performed (grouped C)
PE007 A	Main activity of the local unit of the business or organisation in current job (Grouped A)
PE007B	Main activity of the local unit of the business or organisation in current job (Grouped B)
PE007C	Main activity of the local unit of the business or organisation in current job (Grouped C)
PE008	Number of regular paid employees in the local unit in current job
PE009	Current job in private or public sector?
PE010	Job status - current job (persons in paid employment as main activity)
PE011	Year of start of current job
PE012	Month of start of current job
PE013	By what means were you first informed about your present job ?
PE014	Existence of an unemployment period before current job
PE015	Number of months of continuous unemployment before current job
PE016	Do you feel that you have skills or qualifications to do a more demanding job than the one you have now?
PE017	Does your work involve the use of a language other than [the official language of the country] ?
PE018	First foreign language used in current job 22
PE019	Second foreign language used in current job
PE020	Third foreign language used in current job
PE02l	Have you had formal training or education that has given you skills needed for your present type of work?
PE022	How much has this training or education contributed to your present work?
PE003	How are you paid for your apprenticeship or training? Do you receive a wage from your employer, or do you receive a social security benefit or retraining allowance?
PE024	What type of employment contract do you have in your main job?
PE025	What is the total length of this contract?
PE026	Child-minding or crèche provided by employer (free or subsidised)
PE027	Health care or medical insurance provided by employer (free or subsidised)
PE028	Education or training provided by employer (free or subsidised)
PE029	Sports and leisure, holiday centre provided by employer (free or subsidised)

PE030	Housing provided by employer (free or subsidised)
PE03l	How satisfied are you with your present job in terms of earnings?
PE032	How satisfied are you with your present job in terms of job security?
PE033	How satisfied are you with your present job in terms of type of work?
PE034	How satisfied are you with your present job in terms of number of working hours?
PE035	How satisfied are you with your present job in terms of working times (day time, night time, shifts etc.)?
PE036	How satisfied are you with your present job in terms of working conditions / environment?
PE037	How satisfied are you with your present job in terms of distance to job / commuting?
PE038	Please think of the last 4 working weeks, not counting holiday weeks. How many days were you absent from work because of illness or other reasons?
PE039	How old were you when you began your working life, that is, started your first job or business?

PU - Unemployment

PU001	Person has ever been unemployed for 1 month or longer before first job or business
PU002	Person has been unemployed during the five years before joining the survey
PU002A	Person has been unemployed after 1989
PU003	Number of times the person has been unemployed during the five years before joining the survey
PU003A	Number of times the person has been unemployed after 1989
PU004	Is one of the unemployment spells (during the five years before joining the survey) longer than one year
PU004A	Is one of the unemployment spells (since 1989) longer than one year

PS - Search for work

PS00I	Looking for job
PS00IA	Main reason for not seeking work
PS002	Assuming you could find suitable work, how many hours per week would you prefer to work in this new job ?
PS003	How good or bad do you think are your chances of finding the kind of job you are looking for within the next 12 months?
PS004	In the past four weeks, have you contacted a public employment office about finding work?

PS005	In the past four weeks, have you taken active steps to find a job?
PS006	What is the main reason you have not taken any steps to find work in the past four weeks?
PS007	Minimum net monthly income (in NC) the person would accept to work the number of hours indicated in PS002
PS008	If a suitable job was available now, would you be able to start within the next 2 weeks?
PS009	Do you receive at present any unemployment benefit or assistance?
PS010	Are you registered at a public employment office for work?
PS0l1	Have you received any job offer during past 4 weeks?
PS012	Have you accepted any of the job offers you received during the past 4 weeks?
PS013	When do you expect to start the new job?
PS014	What is the main reason you have not accepted the most recent job offer?
PS015	For how long have you been seeking work, whether replacing or additional to your present work?

PJ - previous Job

PJ001	Person has worked before(*)
PJ002	Year stop working in last job
PJ003	Month stop working in last job
PJ004	Reason for stopping in previous job
PJ005	If you compare your present job or business with your previous one, is the present one all in all.?
PJ006	Status in employment (previous job)
PJ007A	Occupation in previous job, i.e. principal activity performed (Grouped A)
PJ007B	Occupation in previous job, i.e. principal activity performed (Grouped B)
PJ007C	Occupation in previous job, i.e. principal activity performed (Grouped C)
PJ008A	Main activity of the local unit of the business or organisation in previous job (Grouped A)
PJ008B	Main activity of the local unit of the business or organisation in previous job (Grouped B)
PJ008C	Main activity of the local unit of the business or organisation in previous job (Grouped C)
PJ009	Number of regular paid employees in the local unit in previous job
PJ010	Previous job in public / private sector
PJ011	Job status - previous job
PJ012	Previous job: Full time / part time

PC - Calendar of activities

PC00I	Main activity status in January last year

PC002	Main activity status in February last year
PC003	Main activity status in March last year
PC004	Main activity status in April last year
PC005	Main activity status in May last year
PC006	Main activity status in June last year
PC008	Main activity status in August last year
PC009	Main activity status in September last year
PC0I0	Main activity status in October last year
PC011	Main activity status in November last year
PC012	Main activity status in December last year
PC013	Most frequent activity, last year

PI - Income

PI001	Main source of personal income
PI010	Within-household non-response inflation factor
PII00	Total net personal income (detailed, NC, total year prior to the survey)
PI110	Total net income from work (net, NC, total year prior to the survey)
PI1111	Wage and salary earnings (net, NC, total year prior to the survey)
PI1111	Wage and salary earnings (regular)
PI1112	Wage and salary earnings (lump sum)
PI112	Self-employment income (net)
PI12l	Capital income
PI122A	Assigned property/rental income
PI123	Private transfers received
PI130	Total social/social insurance receipts (net, NC, year prior to the survey)
PI131	Unemployment related benefits
PI132	Old-age / survivors' benefits
PI132l	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
PI2llM	Current wage and salary earnings - net (monthly)
PI2llMG	Current wage and salary earnings - gross (monthly)

PT - Training and education

PT00I	Have you been in education or training since January last year?
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	Type of the vocational education course
PT013	Overall duration of the vocational education course
PT014	Number of days of the vocational education course 25
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 the vocational education course a full-time, a part-time attendance course or a course by correspondence
PT019	Number of hours per week if the vocational education course was a part-time attendance course
PT020	Was improving your skills or job prospects one of the reasons you took this vocational education or training course?
PT021	Was this vocational education or training course useful for improving your skills or job prospects?
PT022	Highest level of general or higher education completed
PT023	Age when the highest level of general or higher education was completed
PT024	Age when full time education was stopped

PH-Health

PH001	How is your health in general?
PH002	Do you have any chronic physical or mental health problem, illness or disability ?
PH003	Are you hampered in your daily activities by ~ physical or mental health problem, illness or disability? (only for persons with a

PH003A   Are you hampered in your daily activities by any physical or mental health problem, illness or disability? (all persons)

PH004   During the past two weeks, have you had to cut down things you usually

PH005   During the past two weeks, 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   During the past 12 months, have you been admitted to a hospital as an in-patient?

PH007   Number of nights spent in hospital during the past 12 months

PH008   During the past 12 months, about how many times have you consulted a general practitioner (including home visits by the doctor) ?

PH009   During the past 12 months, about how many times have you consulted a medical specialist (including out-patient consultations but excluding any consultation during hospitalisation) ?

PH0I0   During the past 12 months, about how many times have you consulted a dentist?

PH011   Number of times the person has been to a doctor or a dentist or optician, during the past 12 months.(aggregated)

PH012   Are you entitled to free - or nearly free - medical treatment under a state financed health care system?

PH013   Are you (also) covered by private medical insurance whether in your own name or through a family member?

PH014   How is the private medical insurance paid for?

PH015   How much do you pay per month for this private medical insurance?

PH016   Do you smoke or did you ever smoke?

PH017   Number of cigarettes smoked per day (currently or in the past)

PH018   Number of cigars smoked per day (currently or in the past)

PH019   Number of pipes smoked per day (currently or in the past)

PH020   What is your height without shoes?

PH021   How much do you weigh without clothes and shoes?

PH022   Body mass index

PR - Social Relations

PR001   Other persons present at the interview

PR002   Are you a member of any club, such as a sport or entertainment club, a local or neighbourhood group, a party etc. ?

PR003   How often do you talk to any of your neighbours?

PR004   How often do you meet friends or relatives not living with you, whether here at home or elsewhere?

PR005	During the last week, have you spoken, even if only on the telephone, to anyone outside your household?
PR006	Do your present daily activities include, without pay, looking after children or other persons who need special help because of old age, illness or disability ?
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 person(s) (who need special help because of old age, illness or disability) other than a child (grouped)
PR008A	Number of hours (per week) spent looking after person(s) (who need special help because of old age, illness or disability) other than a child (detailed)
PR009	Looked after person(s) (other than children) live in the household or elsewhere
PR010	Does looking after children or other persons - prevents you from undertaking the amount or kind of paid work which you otherwise would do?

PM - Migration

PM00I	Migration trajectory
PM003	Year of arrival in this region
PM005A	Code of last foreign country of residence before coming to present country (detailed - 11 modalities)
PM005B	Code of last foreign country of residence grouped before coming to present country (grouped - 7 modalities)
PM005C	Code of last foreign country of residence before coming to present country (grouped - 2 modalities)
PM006	Year of arrival in the country of present residence
PM007A	Code of foreign country of birth (detailed - 11 modalities)
PM007B	Code of foreign country of birth (grouped - 7 modalities)
PM007C	Code of foreign country of birth (grouped - 2 modalities)
PM008	Citizenship (abbreviated)
PM010	Existence of a second citizenship
PM011	Second citizenship (abbreviated)

PK - satisfaction

PK001	Satisfaction with work or main activity
PK002	Satisfaction with financial situation
PK003	Satisfaction with housing situation
PK004	Satisfaction with amount of leisure time 27

Register file variables

RG - General information

WAVE Wave number
COUNTRY Country code
HID Household identification number
PID Personal identification number
RG001 Basic household identification number
RG002 Personal weight (cross sectional)
RG003 Base weight

RD - 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

Relationship file variables

WAVE Wave number
COUNTRY Country code
HID Household identification number
PID1 Personal identification number of first person
RELATION Relationship between persons (PID1 and PID2)
PID2 Personal identification number of second person

Longitudinal link file variables

Link - fixed variables

COUNTRY Country code
PID Personal identification number
BIRTHYY Year of birth of the individual
BIRTHMM Month of birth of the individual
SEX Sex of the individual
SAMPERS Sample person
Firstint Wave of first completed interview

Link - wave specific variables - the person's household

HIDi Household identification number in wave i
HSTATUSi Sample status of the person's household in wave i
HRESIDi Residential status of the person's household in wave i
HREGIONi Region in which household is situated in wave i

HTRACEi   Able to trace the household in wave i

HFNRESi   Household's interview result in wave i

HSIZEi   Household size (total number of household members at present)

HMOUTi   Number of Household Members moved out since last wave

HMINi   Number of household members moved in this wave

HBORNi   Number of new born children in the household

HDIEDi   Number of household members that died since last wave

Homiti   Number of household members omitted in last wave (by mistake)

Link - wave specific variables - the person

PRESIDi   Residential status in wave i

PTEMPi   Where the person is currently / temporarily living in wave i

PLASTWi   Membership status in wave i-1

PIO- YYi   Year moving in / born or out / died (wave i)

PIO_MMi   Month moving in / born or out / died (wave i)

PTRACEi   Able to trace the person in wave i

PWSTATi   Weighting status in wave i

PSAMSTAi   Sample status in wave i

PELIGi   Whether eligible for the personal interview in wave i

PINTIDi   Same interviewer as last wave

PFNRESi   Individual interview result in wave i

Country file variables

COUNTRY   Country code

CNTRPUBL   Country order in publications

CNTRNAM   Country name

CNTRABR   Country abbreviation

RATEyy   Exchange rates (national currencies = 1 ECU until 1998, 1 EURO from 1999 onwards) in year 19yy

PPPyy   Purchasing power parities (national currencies = 1 PPP) in year 19yy

POPTOTyy   Number of persons living in private households (total population) in year 19yy

POP16Pyy   Number of persons aged 16+ living in private households in year 19yy

POPHHDyy   Number of private households in year 19yy