

Household Budget Survey 2010

Scientific-use files

User Manual

Version history:

Version 2.0 : 2020/03/12

Table of contents

1.	Background Information	3
2.	Introduction	3
3.	Structure of the HBS files and corresponding variables	4
3.1.	Basic variables at the household level	4
3.2.	Basic variables at the member level	4
3.3.	Derived variables at the household level.....	4
4.	Structure of the released SUF datasets	5
5.	Anonymisation plan.....	6
6.	Analysis of HBS sampling characteristics and weights	7
7.	Some further information on the HBS: time period, reference population and household reference person	7
7.1.	Time period in the HBS	7
7.2.	Reference population	7
7.3.	Household's reference person.....	7
8.	Statistics available in EuroBase.....	8
9.	Annex concerning Portugal and Malta	9
10.	References	10

1. BACKGROUND INFORMATION

At an EU level, Council Regulation No. 223/2009 and Commission Regulation 557/2013 define the rules of access to confidential data for scientific purposes (micro-data). In order to make the micro-data available for research purposes the anonymisation criteria need to be agreed by the national statistical authorities providing the data.

In this manual, general information about the survey is provided in Section 2; Section 3 contains an overview of the types of variables present in Household Budget Survey (HBS) micro-data and the structure of the released files. Section 4 describes the anonymisation plan whereas Section 5 describes where to find information about the sampling design and sampling weights. Section 6 contains some further information on the survey; finally Section 7 summarises the structure of the aggregated statistics available in EuroBase for the HBS. Section 8 contains links to the most important Reference documentation. It is assumed that the reader is familiar with the content of all these documents.

Annexed to this document are the record layouts for the two files that contain HBS Scientific-Use Files (SUF), for the Household and the Household Members. The reader is asked to keep in mind that the values for expenditure and Income are converted by Eurostat (using Coefficients and if necessary currency conversion rates) so that the data is reflecting the situation in the HBS reference year 2010 and so that values are in euro.

2. INTRODUCTION

The HBS represents the harmonisation of the classifications and coding system of essential variables of the HBSs at a European Union Level. The HBSs in the European Union are sample surveys where the statistical units of interest are private households and which are carried out regularly under the responsibility of the National Statistical Offices (NSIs) in each of the twenty eight EU Member States plus some from the European Statistical System. Essentially, they provide information about household final consumption expenditure on goods and services (with considerable detail in the categories used), plus information on income and some demographic and socio-economic characteristics. Conversely to other European statistical domains, the HBS is voluntary and no EU regulation exists. Therefore there is a great freedom for each Member State to decide on the objectives, methodology, programming and resource allocation for their respective HBS.

Within the scope of official statistics, the prime objective of conducting the HBS is to collect information on household consumption expenditure for use in updating the 'weights' for the basket of goods used in the Consumer Price Indices (CPI) and the harmonised index of consumer prices (HICP) at an EU level. The 'weights', measure expenditure on specific goods and service items as a proportion of total expenditure. The second most important objective of the HBS, from the point of view of an NSI, is to give a picture of living conditions of private households. The HBS is also a source for household consumption expenditures for the purpose of measuring consumption expenditure in the National Accounts in many countries. Finally, many NSIs use the survey information to study the distribution of income/consumption for the purpose of examining poverty issues.

3. STRUCTURE OF THE HBS FILES AND CORRESPONDING VARIABLES

The HBS variables are grouped into three categories:

- Basic variables at the household level
- Basic variables at the member level
- Derived variables at household level

These are briefly analysed below together with the structure of the SUF datasets, to be released.

3.1. Basic variables at the household level

Basic variables at the household level provide information about the households as they are collected in the surveys. These variables relate to:

- Identification, weighting, demographic characteristics of the households
- Income
- Household consumption expenditure
- Household consumption in quantities

The variables involved in “identification” include: survey year(s); identification number of the household; place of residence: region (NUTS); population density level and sample weight.

3.2 Basic variables at the member level

Basic variables at the member level give information about individual household members.

The following basic information is collected:

- Identification, weighting
- Demographic characteristics (gender, age, marital status, country of birth, citizenship and of residence)
- Education (Level of studies Completed and currently followed), this is an aggregation of the ISCED nomenclature
- Activity (current activity status, hours worked, type of work contract, economic sector, occupation, status in employment)
- Income

3.3 Derived variables at the household level

Derived variables are calculated from the basic variables or other derived variables.

Derived variables at household level include:

- Household size and equivalent size;
- Type of household.
- Activity and economic situation

The Household size is derived from the sum of all household members. The equivalent size is established by allocating weighting coefficients to the household's members according to their demographic characteristics. Given the existence of big differences in the sizes and structures of households, comparability can be improved by using expenditure or income by adult equivalent. The OECD (or modified) scale provides the weightings for persons in the calculation of the “equivalent household size”.

4. STRUCTURE OF THE RELEASED SUF DATASETS

Anonymised individual records have basically the same structure as the original micro data. They consist of two linked datasets covering:

- Household: household-related variables including expenditure (“HBS_HH_XX.xlsx”)
- Household members: individual-related variables (“HBS_HM_XX.xlsx”).

Where 'XX' represents a 2-Letter Character Code for the Country. The SUF datasets are spreadsheet files.

The Key variables used for linking the two files are:

- **COUNTRY** (Member State Country Code)
- **YEAR** (Reference Year of the survey)
- **HA04/MA04** (the **identification number of the household** which is respectively, HA04 in the household file and MA04 in the household member file).

Note: For variables with codes that may contain leading zeros, which were being lost when the data was exported from the HBS User database to the Anonymisation routines, a Capital 'Z' is used as a place-holder for these zeros, in order to conserve them (e.g. HC23, HC24).

Some countries did not deliver all the required variables. In this case, the Anonymisation Routines drop these variables from the SUF.

5. ANONYMISATION PLAN

The anonymisation strategy applied to HBS Micro-data in general did not modify the expenditure and income of the households as these are by far the most important variables to be analysed. The objective of the anonymisation is to enable release of HBS SUF in a manner compliant with Council Regulation No. 223/2009 and Commission Regulation 557/2013. In particular anonymisation aims to reduce the risk of identification of respondents.

The analysis of the research potential and of the dissemination made at an EU level shed some light on important characteristics that the anonymisation methods should maintain in order to preserve as much as possible the value of the data. First of all, the preservation as much as possible of all the values of expenditure and income seems essential, as these variables have a complex structure and their intra- and inter-household patterns are relevant to any study (the reader is referred to the explanation below about 'sin-consumption'). Second the maintenance of the information on degree of urbanisation, because consumption is greatly affected by it and because of the preservation of published totals. Information on type of household is important, as well as education, age and household composition. By maintaining demographic categorical variables it is possible to guarantee also the reproducibility of published EU-HBS statistics, which enhances the value of the released SUF.

Based on the analysis of disclosure scenarios (Hundepool, et al. 2012), computational work and feedback from users, the Member States at various meetings (Income and Living Conditions Working Group, Expert Group on Statistical Disclosure Control, Working Group on Statistical Confidentiality), adopted the anonymisation rules summarised below.

Anonymisation rules¹:

- Due to the presence of two different (non-nested) classifications related to the geographical detail of the household (the classical NUTS classification and the degree of urbanisation), for many MSs there were several unique cases in the size of municipalities at NUTS2 level. For this reason the variable HA08 (region) is released at NUTS1 level.
- Variables HA06 (stratum) and HA07 (primary sampling unit) are dropped
- The variables MB01 (Country of Birth), MB01.1(Country of Citizenship) and MB01.2 (Country of Residence) are released according to the following classification: National, Non-National but EU-National, Non-National and non-EU-National
- The “sin-consumption” variables are dropped from the SUF. The “sin-consumption” variables are the following: HE02.3 (Narcotics), HE02.3.1; HE12.2 (Prostitution), HE12.2.1 , HE12.2.1.1; HE09.4.3 (Games of chance), HE09.4.3.1
- MB03 (Age) is recoded to 5-year classes with a top-coding of 85 years
- MB04 (Marital Status): the categories of widowed and divorced, are aggregated
- ME0908 (Occupation) – Codes '01','02','03' are aggregated to "AF" i.e. “Armed Forces” and Codes '11','12','13' are aggregated to "LM" i.e. “Legislators & Managers”

Please note that the above anonymisation is designed for the release of scientific-use files for researchers approved in a relevant procedure (see <http://ec.europa.eu/eurostat/web/microdata/overview>). It is not intended to generate public-use files.

¹ You are referred to the Annex concerning Portugal and Malta

6. ANALYSIS OF HBS SAMPLING CHARACTERISTICS AND WEIGHTS

The sampling frames adopted for the HBS in Europe range from population registers, which can provide up-to-date lists of households or individuals with characteristics useful for stratification and efficient selection of the sample, to Censuses or list of addresses. Sampling design varies from two stage stratified random samples to simple random samples; CZ & DE uses quota sampling.

Details regarding the sampling characteristics and weights adopted by the MSs are available in the HBS 2010 Wave EU Quality report <http://ec.europa.eu/eurostat/web/household-budget-surveys/publications>

7. SOME FURTHER INFORMATION ON THE HBS: TIME PERIOD, REFERENCE POPULATION AND HOUSEHOLD REFERENCE PERSON

The information presented in this section has been collected from the documentation of each national HBS provided by the countries, for the 2010 wave and in the Eurostat HBS Methodological manual 2003.

7.1. Time period in the HBS

HBS data collection involves, most of the time, a combination of one or more interviews, and diaries or logs maintained by households and/or individuals, generally on a daily basis. The period for which a diary is maintained is called the recording period. The duration and distribution of this time period is the most important determinant of the structure of the survey. The other time period that characterizes the HBS is the survey period: it is the period of time for which the household consumption expenditure is recorded. The survey periods may vary from one year to multiple years (two or three years) depending of the nature of survey. To facilitate the creation of Aggregates at an EU level, each countries data transmission is mapped to an agreed Reference Year (2010).

7.2. Reference population






















The unit of data collection and analysis for the HBS is the household. Because of the nature of the survey, the definition adopted by the HBS is more complex than a group of people who are living together. Here the household represents a social unit which in addition to living together in the same dwelling unit also shares expenditure including joint provision of essentials of living. The objective is defining the household in such a way that each person in the study population belongs to one and only one household.

7.3. Household's reference person

The concept of household's reference person is central in the HBS as it constitutes a socio-economic classification of households according to the profile of a member who is supposed to be "representative". The social group, occupation and employment status, income, gender and age etc. of the reference person are often used to classify the sample households for weighting classifications used in the derivation of the survey estimates. This term differs from the national concept of "head of household". There are guidelines to adopt an objective definition for the household's reference person, that is, the person aged 16 or more who most contributes to the household income, however some countries use subjective criteria (e.g. the person who is designated as such by the other members).

8. STATISTICS AVAILABLE IN EUROBASE

Aggregated information on HBS surveys are available on the Eurostat website. The structure of the HBS domain in EuroBase is the following:

- Consumption expenditure of private households (hbs) 
 - Mean consumption expenditure of private households (hbs_exp)
 - ZIP Mean consumption expenditure by household and per adult equivalent (hbs_exp_t111) 
 - ZIP Mean consumption expenditure by detailed COICOP level (in PPS) (hbs_exp_t121) 
 - ZIP Mean consumption expenditure per household with expenditure greater than zero by detailed COICOP level (in PPS) (hbs_exp_t123)
 - ZIP Mean consumption expenditure by socio-economic category of the reference person (in PPS) (hbs_exp_t131)
 - ZIP Mean consumption expenditure by number of active persons (in PPS) (hbs_exp_t132) 
 - ZIP Mean consumption expenditure by income quintile (in PPS) (hbs_exp_t133) 
 - ZIP Mean consumption expenditure by type of household (in PPS) (hbs_exp_t134) 
 - ZIP Mean consumption expenditure by age of the reference person (in PPS) (hbs_exp_t135) 
 - ZIP Mean consumption expenditure by degree of urbanisation (in PPS) (hbs_exp_t136) 
 - ZIP Mean consumption expenditure by main source of the household's income (in PPS) (hbs_exp_t137) 
 - Structure of mean consumption expenditure (hbs_struc)
 - ZIP Overall structure of consumption expenditure by detailed COICOP level (1 000) (hbs_str_t211) 
 - ZIP Structure of consumption expenditure by socio-economic category of the reference person (COICOP level 2) (1 000) (hbs_str_t221)
 - ZIP Structure of consumption expenditure by number of active persons (COICOP level 2) (1 000) (hbs_str_t222)
 - ZIP Structure of consumption expenditure by income quintile (COICOP level 2) (1 000) (hbs_str_t223) 
 - ZIP Structure of consumption expenditure by type of household (COICOP level 2) (1 000) (hbs_str_t224) 
 - ZIP Structure of consumption expenditure by age of the reference person (COICOP level 2) (1 000) (hbs_str_t225)
 - ZIP Structure of consumption expenditure by degree of urbanisation (COICOP level 2) (1 000) (hbs_str_t226) 
 - ZIP Structure of consumption expenditure by main source of income (COICOP level 2) (1 000) (hbs_str_t227)
 - Household characteristics (hbs_carac)
 - ZIP Household characteristics by socio-economic category of the reference person (hbs_car_t311) 
 - ZIP Household characteristics by number of active persons (hbs_car_t312) 
 - ZIP Household characteristics by type of household (hbs_car_t313) 
 - ZIP Household characteristics by age of the reference person (hbs_car_t314) 
 - ZIP Household characteristics by urbanisation degree (hbs_car_t315)  
 - ZIP Household characteristics by main source of income (hbs_car_t316)  

<http://ec.europa.eu/eurostat/web/household-budget-surveys/database>

9. ANNEX CONCERNING PORTUGAL AND MALTA

In the case of **Portugal** additional Anonymisation Rules had to be applied:

MB03: Top-coded at 75+

MC01: Codes 3+4 merged into 4; Codes 5+6 merged into 6

MC02: Codes 3+4 merged into 4; Codes 5+6 merged into 6

ME01: Codes 6+9 merged into 9

ME12: Codes 4+5 are merged into 5

In addition, so-called 'Sin-Consumption' expenditure items have not been suppressed for Portugal.

In the case of **Malta** additional Anonymisation Rules had to be applied:

Categorical Variables

1. MB03: Bottom coded at '14 or less' and top- coded at 65+.
2. MB01 and MB01.1: Codes 21+22 merged into 21_22
3. HB05: Top- coded at 6+.
4. HB05.1, HB05.2, HB05.3, HB05.4, HB05.5 and HB05.7 are top- coded at 2+.
5. HB05.6, HB07.6.1, HB07.6.2 and HD20 are top- coded at 3+.
6. HC23: Codes 1-6 are merged into 1_6, codes 8-11 are merged into 8_11.
7. HC24: Codes 1-3 are merged into 1_3, codes 5-6 are merged into 5_6
8. ME01: Codes 3-7 are merged into 3_7
9. ME12: Codes 1-2 are merged into 1_2, 3-5 are merged into 3_5

Income and Expenditure Variables

10. Values for income and expenditure variables at household level are suppressed if each of the following two rules are satisfied:
 - a) For the household reference person only, there is a unique record with the following demographic characteristics: HA09 (degree of urbanisation), MB02 (sex) and MB03_10years (age re-grouped in ten year classes).
 - b) If, for the household reference person, the pro-capite value (i.e. value/ number of persons in household) of these variables is greater than the upper risk threshold and smaller than the lower risk threshold.
 - The upper risk threshold is calculated as follows: Upper risk threshold= $Q3 + 3 \cdot IQR$ where $IQR=Q3-Q1$. Q1 and Q3 are calculated from the pro-capite value of the income and expenditure variables.
 - The lower risk threshold is calculated as follows: Lower risk threshold= $Q1 - 3 \cdot IQR$ where $IQR=Q3-Q1$. Q1 and Q3 are calculated from the pro-capite value of the income and expenditure variables.
11. Negative values for MF09.9 are suppressed.

10. REFERENCES

HBS methodology 2003 :

http://ec.europa.eu/eurostat/cache/metadata/Annexes/hbs_esms_an1.pdf

Description of the data transmission for HBS (Reference Year) 2010 :

http://ec.europa.eu/eurostat/cache/metadata/Annexes/hbs_esms_an4.pdf

EU Quality report of the ‘Household Budget Surveys’ 2010:

http://ec.europa.eu/eurostat/cache/metadata/Annexes/hbs_esms_an6.pdf

Statistical Disclosure Control (2012) Hundepool, A., Domingo-Ferrer, J., Franconi, L., Giessing, S., Schulte Nordholt, E., Spicer, K. and De Wolf, P.P. by Wiley.

Household record layout

VARIABLE NAME	VARIABLE LABEL	POSSIBLE VALUES / MEASUREMENT UNIT	FORMAT	ANONYMISATION RULES	NOTES
HA04	Identification number of the household		INT 13	It represents a fictitious number.	Variable to be used together with COUNTRY and YEAR as the Key linking variables for hh and individual files

COUNTRY	Country	BE Belgium BG Bulgaria CZ Czech Republic DK Denmark DE Germany EE Estonia FR France IE Ireland IT Italy EL Greece ES Spain HR Croatia CY Cyprus LV Latvia LT Lithuania LU Luxembourg HU Hungary MT Malta PL Poland PT Portugal RO Romania SI Slovenia SK Slovakia SE Sweden FI Finland UK United Kingdom	CHA 2		Variable to be used together with COUNTRY and YEAR as the Key linking variables for hh and individual files
YEAR	HBS wave Reference Year	2010	CHA 4		Variable to be used together with COUNTRY and YEAR as the Key linking variables for hh and individual files
HA06.suppressed	Stratum			Dropped	
HA07.suppressed	Primary sampling unit			Dropped	
HA08.suppressed	Region	NUTS 2	CHA 4	Dropped: replaced by variable HA08.Recoded (NUTS1 level)	

NUTS1	Region: NUTS 1	00 For the countries with no subdivisions for this Classification. 99 Not specified	CHA 4		Note: In cases where some countries delivered invalid or incomplete NUTS2 codes, ESTAT has replaced all HA08 values with a 2-Char Country code concatenated to 'Z'. A list of the NUTS1 codes may be found on the ESTAT Classification Server RAMON: http://ec.europa.eu/eurostat/ramon/documents/nuts/NUTS_2010.zip
HA09	Population density-level	1 Densely populated (at least 500 inhabitants/km2) 2 Intermediate (between 100 and 499 inhabitants/km2) 3 Sparsely populated (less than 100 inhabitants/km2) 9 Not specified	INT 1		
HA10	Sample weight		DEC 6.2		The weights are those supplied by the Member State.
EUR_HH012	Income in kind from employment (wages and salaries in kind)	Benefits provided within the framework of paid employment (except imputed rent: HH03.2)	INT 14	ROUNDED (no decimals)	
EUR_HH023	Income in kind from non-salaried activities	Including withdrawals from own garden, farm or enterprise for the household's private consumption	INT 14		

		Excluding imputed rent (HH03.2)			
EUR_HH032	Imputed rent	The owners' imputed rent and that of tenants living free of charge	INT 14	ROUNDED (no decimals)	
EUR_HH095	Monetary net income (total monetary income from all sources minus income taxes)		INT 14	ROUNDED (no decimals)	When source of income does not concern any individual, but the household as a whole, it is allocated to the household's record. This is why property income, income-in-kind (except those from paid employment) and housing benefits are not included in the individual's record. Consequently, the sum of the individual incomes does not necessarily equal to the household's income.
EUR_HH099	Net income (total income from all sources including non-monetary components minus income taxes)		INT 14	ROUNDING (no decimals)	$HH09.9 = HH09.5 + HH01.2 + HH02.3 + HH03.2$
HI11	Main source of income	1 wages or salary 2 income from self-employment 3 property income 4 pensions, retirement benefits 5 unemployment benefit 6 other current benefits and other income 9 not specified	INT 1		

HI12	Main source of income (primary / secondary)	1 primary (HI11 = 1, 2, 3) 2 secondary (HI11 = 4, 5, 6) 9 not specified	INT 1		
EUR_HE00	Total consumption expenditure	All expenditures are reported in euro			RECOMPUTED IF ANY of EUR_HE02 EUR_HE09 EUR_HE12 IS RECOMPUTED.
EUR_HE01	Food and non-alcoholic beverages				
EUR_HE011	Food				
EUR_HE0111	Bread and cereals (ND)				
EUR_HE01111	Rice				
EUR_HE01112	Bread				
EUR_HE01113	Pasta products				
EUR_HE01114	Pastry-cook products				
EUR_HE01115	Sandwiches				
EUR_HE01116	Other products				
EUR_HE0112	Meat (ND)				
EUR_HE01121	Fresh, chilled or frozen meat of bovine animals				
EUR_HE01122	Fresh, chilled or frozen meat of swine				
EUR_HE01123	Fresh, chilled or frozen meat of sheep and goat				
EUR_HE01124	Fresh, chilled or frozen meat of poultry				
EUR_HE01125	Dried, salted or smoked meat and edible meat offal				

EUR_HE01126	Other preserved or processed meat and meat preparations				
EUR_HE01127	Other fresh, chilled or frozen edible meat				
EUR_HE0113	Fish (ND)				
EUR_HE01131	Fresh, chilled or frozen fish				
EUR_HE01132	Fresh, chilled or frozen seafood				
EUR_HE01133	Dried, smoked or salted fish and seafood				
EUR_HE01134	Other preserved or processed fish and seafood and fish and seafood preparations				
EUR_HE0114	Milk, cheese and eggs (ND)				
EUR_HE01141	Whole milk				
EUR_HE01142	Low fat milk				
EUR_HE01143	Preserved milk				
EUR_HE01144	Yoghurt				
EUR_HE01145	Cheese and curd				
EUR_HE01146	Other milk products				
EUR_HE01147	Eggs				
EUR_HE0115	Oils and fats (ND)				
EUR_HE01151	Butter				
EUR_HE01152	Margarine and other vegetable fats				
EUR_HE01153	Olive oil				

EUR_HE01154	Edible oils				
EUR_HE01155	Other edible animal fats				
EUR_HE0116	Fruit (ND)				
EUR_HE01161	Citrus fruits (fresh, chilled or frozen)				
EUR_HE01162	Bananas (fresh, chilled or frozen)				
EUR_HE01163	Apples (fresh, chilled or frozen)				
EUR_HE01164	Pears (fresh, chilled or frozen)				
EUR_HE01165	Stone fruits (fresh, chilled or frozen)				
EUR_HE01166	Berries (fresh, chilled or frozen)				
EUR_HE01167	Other fresh, chilled or frozen fruits				
EUR_HE01168	Dried fruit				
EUR_HE01169	Preserved fruit and fruit based products				
EUR_HE0117	Vegetables (ND)				
EUR_HE01171	Leaf and stem vegetables (fresh, chilled or frozen)				
EUR_HE01172	Cabbages (fresh, chilled or frozen)				

EUR_HE01173	Vegetables cultivated for their fruit (fresh, chilled or frozen)				
EUR_HE01174	Root crops, non-starchy bulbs and mushrooms (fresh, chilled or frozen)				
EUR_HE01175	Dried vegetables				
EUR_HE01176	Other preserved or processed vegetables				
EUR_HE01177	Potatoes				
EUR_HE01178	Other tubers and products of tuber vegetables				
EUR_HE0118	Sugar, jam, honey, chocolate and confectionery (ND)				
EUR_HE01181	Sugar				
EUR_HE01182	Jams, marmalades				
EUR_HE01183	Chocolate				
EUR_HE01184	Confectionery products				
EUR_HE01185	Edible ices and ice cream				
EUR_HE01186	Other sugar products				
EUR_HE0119	Food products n.e.c. (ND)				
EUR_HE01191	Sauces, condiments				

EUR_HE01192	Salt, spices and culinary herbs				
EUR_HE01193	Baby food, dietary preparations, baker's yeast and other food preparations				
EUR_HE01194	Other food products n.e.c.				
EUR_HE012	Non alcoholic beverages				
EUR_HE0121	Coffee, tea and cocoa (ND)				
EUR_HE01211	Coffee				
EUR_HE01212	Tea				
EUR_HE01213	Cocoa and powdered chocolate				
EUR_HE0122	Mineral waters, soft drinks, fruit and vegetable juices (ND)				
EUR_HE01221	Mineral or spring waters				
EUR_HE01222	Soft drinks				
EUR_HE01223	Fruit juices				
EUR_HE01224	Vegetable juices				
EUR_HE02	Alcoholic beverages, tobacco and narcotics				RECOMPUTED IF ONLY ONE OF THE VARIABLES EUR_HE02.1, EUR_HE02.2, EUR_HE02.3 IS Dropped and it is involved in the computation of EUR_HE02.
EUR_HE021	Alcoholic				

	beverages				
EUR_HE0211	Spirits (ND)				
EUR_HE02111	Spirits and liqueurs				
EUR_HE0212	Wine (ND)				
EUR_HE02121	Wine from grapes or other fruit				
EUR_HE02122	Other				
EUR_HE0213	Beer (ND)				
EUR_HE02131	Beer				
EUR_HE022	Tobacco				
EUR_HE0221	Tobacco (ND)				
EUR_HE02211	Cigarettes				
EUR_HE02212	Cigars				
EUR_HE02213	Other tobacco				
EUR_HE023	Narcotics			Dropped	
EUR_HE0231	Narcotics (ND)			Dropped	
EUR_HE03	Clothing and footwear				
EUR_HE031	Clothing				
EUR_HE0311	Clothing materials (SD)				
EUR_HE03111	Clothing materials				
EUR_HE0312	Garments (SD)				
EUR_HE03121	Garments for men				
EUR_HE03122	Garments for women				
EUR_HE03123	Garments for children (3 to 13 years) and infants (0 to 2 years)				
EUR_HE0313	Other articles of clothing and				

	clothing accessories (SD)				
EUR_HE03131	Other articles of clothing and clothing accessories				
EUR_HE0314	Cleaning, repair and hire of clothing (S)				
EUR_HE03141	Cleaning, repair and hire of clothing				
EUR_HE032	Footwear				
EUR_HE0321	Shoes and other footwear (SD)				
EUR_HE03211	Footwear for men				
EUR_HE03212	Footwear for women				
EUR_HE03213	Footwear for children (3 to 13 years) and infants (0 to 2 years)				
EUR_HE0322	Repair and hire of footwear (S)				
EUR_HE03221	Repair and hire of footwear				
EUR_HE04	Housing, water, electricity, gas and other fuels				
EUR_HE041	Actual rentals for housing				
EUR_HE0411	Actual rentals paid by tenants (S)				
EUR_HE04111	Actual rentals paid by tenants				

EUR_HE0412	Other actual rentals (S)				
EUR_HE04121	Other actual rentals				
EUR_HE042	Imputed rentals for housing				
EUR_HE0421	Imputed rentals of owner occupiers (S)				
EUR_HE04211	Imputed rentals of owner occupiers				
EUR_HE0422	Other imputed rentals (S)				
EUR_HE04221	Imputed rentals of households housed free.				
EUR_HE04222	(Imputed rentals for secondary residences				
EUR_HE043	Maintenance and repair of the dwelling				
EUR_HE0431	Materials for the maintenance and repair of the dwelling (ND)				
EUR_HE04311	Materials for the maintenance and repair of the dwelling				
EUR_HE0432	Services for the maintenance and repair of the dwelling (S)				
EUR_HE04321	Services for the maintenance and repair of the dwelling				

EUR_HE044	Water supply and miscellaneous services relating to the dwelling				
EUR_HE0441	Water supply (S)				
EUR_HE04411	Water supply				
EUR_HE0442	Refuse collection (S)				
EUR_HE04421	Refuse collection				
EUR_HE0443	Sewerage collection (S)				
EUR_HE04431	Sewerage collection				
EUR_HE0444	Other services relating to the dwelling n.e.c. (S)				
EUR_HE04441	Other services relating to the dwelling n.e.c.				
EUR_HE045	Electricity, gas and other fuels				
EUR_HE0451	Electricity (ND)				
EUR_HE04511	Electricity				
EUR_HE0452	Gas (ND)				
EUR_HE04521	Town gas and natural gas				
EUR_HE04522	Liquefied hydrocarbons (butane, propane, etc.).				
EUR_HE0453	Liquid fuels (ND)				
EUR_HE04531	Liquid fuels				
EUR_HE0454	Solid fuels (ND)				
EUR_HE04541	Solid fuels				

EUR_HE0455	Heat energy (ND)				
EUR_HE04551	Hot water, steam and ice				
EUR_HE05	Furnishings, household equipment and routine maintenance of the house				
EUR_HE051	Furniture and furnishings, carpets and other floor coverings				
EUR_HE0511	Furniture and furnishings (D)				
EUR_HE05111	Furniture and furnishings				
EUR_HE0512	Carpets and other floor coverings (D)				
EUR_HE05121	Carpets and other floor coverings				
EUR_HE0513	Repair of furniture, furnishings and floor coverings (S)				
EUR_HE05131	Repair of furniture, furnishings and floor coverings				
EUR_HE052	Household textiles				
EUR_HE0521	Household textiles (SD)				
EUR_HE05211	Household textiles				

EUR_HE053	Household appliances				
EUR_HE0531	Major household appliances whether or not electrical (D)				
EUR_HE05311	Refrigerators, freezers and fridge freezers				
EUR_HE05312	Clothes washing machines, clothes drying machines and dish washing machines				
EUR_HE05313	Cookers				
EUR_HE05314	Heaters, air conditioners				
EUR_HE05315	Cleaning equipment				
EUR_HE05316	Sewing and knitting machines				
EUR_HE05317	Other major household appliances				
EUR_HE0532	Small electrical household appliances (SD)				
EUR_HE05321	Small electrical household appliances				
EUR_HE0533	Repair of household appliances (S)				
EUR_HE05331	Repair of household appliances				

EUR_HE054	Glassware, tableware and household utensils				
EUR_HE0541	Glassware, tableware and household utensils (SD)				
EUR_HE05411	Glass and crystal ware, tableware				
EUR_HE05412	Cutlery, flatware and silverware				
EUR_HE05413	Kitchen and domestic utensils				
EUR_HE05414	Repair of glassware, tableware and household utensils				
EUR_HE055	Tools and equipment for house and garden				
EUR_HE0551	Major tools and equipment (D)				
EUR_HE05511	Major tools and equipment				
EUR_HE0552	Small tools and miscellaneous accessories (SD)				
EUR_HE05521	Small tools and miscellaneous accessories				

EUR_HE056	Goods and services for routine household maintenance				
EUR_HE0561	Non durable household goods (ND)				
EUR_HE05611	Cleaning and maintenance products				
EUR_HE05612	Other non durable household articles				
EUR_HE0562	Domestic services and household services (S)				
EUR_HE05621	Domestic services				
EUR_HE05622	Household services				
EUR_HE06	Health				
EUR_HE061	Medical products, appliances and equipment				
EUR_HE0611	Pharmaceutical products (ND)				
EUR_HE06111	Pharmaceutical products				
EUR_HE0612	Other medical products (ND)				
EUR_HE06121	Other medical products				
EUR_HE0613	Therapeutic appliances and equipment (D)				

EUR_HE06131	Therapeutic appliances and equipment				
EUR_HE062	Out-patient services				
EUR_HE0621	Medical Services (S)				
EUR_HE06211	Medical Services				
EUR_HE0622	Dental services (S)				
EUR_HE06221	Dental services				
EUR_HE0623	Paramedical services (S)				
EUR_HE06231	Services of medical analysis laboratories and X-ray centres				
EUR_HE06232	Services of medical auxiliaries				
EUR_HE06233	Other non-hospital services				
EUR_HE063	Hospital services				
EUR_HE07	Transport				
EUR_HE071	Purchase of vehicles				
EUR_HE0711	Motor-cars (D)				
EUR_HE07111	Purchase of new motor-cars				
EUR_HE07112	Purchase of second-hand motor-cars				
EUR_HE0712	Motor-cycles (D)				
EUR_HE07121	Motor-cycles				
EUR_HE0713	Bicycles (D)				
EUR_HE07131	Bicycles				

EUR_HE0714	Animal-drawn vehicles (D)				
EUR_HE07141	Animal-drawn vehicles				
EUR_HE072	Operation of personal transport equipment				
EUR_HE0721	Spare parts and accessories (SD)				
EUR_HE07211	Spare parts and accessories				
EUR_HE0722	Fuels and lubricants (ND)				
EUR_HE07221	Fuels and lubricants				
EUR_HE0723	Maintenance and repair of personal transport equipment (S)				
EUR_HE07231	Maintenance and repair				
EUR_HE0724	Other services in respect of personal transport equipment (S)				
EUR_HE07241	Other services in respect of personal transport equipment				
EUR_HE073	Transport services				
EUR_HE0731	Passenger transport by railway (S)				

EUR_HE07311	Passenger transport by railway				
EUR_HE0732	Passenger transport by road (S)				
EUR_HE07321	Passenger transport by road				
EUR_HE0733	Passenger transport by air (S)				
EUR_HE07331	Passenger transport by air				
EUR_HE0734	Passenger transport by sea and inland waterway (S)				
EUR_HE07341	Passenger transport by sea and inland waterway				
EUR_HE0735	Combined passenger transport (S)				
EUR_HE07351	Combined passenger transport				
EUR_HE0736	Other purchased transport services (S)				
EUR_HE07361	Other purchased transport services				
EUR_HE08	Communication				
EUR_HE081	Postal services				
EUR_HE0811	Postal services (S)				
EUR_HE0811	Postal services				

EUR_HE082	Telephone and telefax equipment				
EUR_HE0821	Telephone and telefax equipment (D)				
EUR_HE08211	Telephone and telefax equipment				
EUR_HE083	Telephone and telefax services				
EUR_HE0831	Telephone and telefax services (S)				
EUR_HE08311	Telephone and telefax services				
EUR_HE09	Recreation and culture				Recomputed if EUR_HE0943 is Dropped and if it is involved in the determination of EUR_HE09.
EUR_HE091	Audio-visual, photographic and information processing equipment				
EUR_HE0911	Equipment for the reception, recording and reproduction of sound and pictures (D)				
EUR_HE09111	Equipment for the reception, recording and reproduction of sound				

EUR_HE09112	Television sets, video cassette players and recorders				
EUR_HE0912	Photographic and cinematographic equipment and optical instruments (D)				
EUR_HE09121	Photographic and cinematographic equipment				
EUR_HE09122	Optical instruments				
EUR_HE0913	Information processing equipment (D)				
EUR_HE09131	Information processing equipment				
EUR_HE0914	Recording media (SD)				
EUR_HE09141	Recording media for pictures and sound				
EUR_HE0915	Repair of audio-visual, photographic and information processing equipment (S)				
EUR_HE09151	Repair of audio-visual, photographic and information processing equipment				

EUR_HE092	Other major durables for recreation and culture				
EUR_HE0921	Major durables for outdoor recreation (D)				
EUR_HE09211	Major durables for outdoor recreation				
EUR_HE0922	Musical instruments and majors durables for indoor recreation (D)				
EUR_HE09221	Musical instruments				
EUR_HE09222	Major durables for indoor recreation				
EUR_HE0923	Maintenance and repair of other major durables for recreation and culture (S)				
EUR_HE09231	Maintenance and repair of other major durables for recreation and culture				
EUR_HE093	Other recreational items and equipment, gardens and pets				
EUR_HE0931	Games, toys and hobbies (SD)				
EUR_HE09311	Games, toys and				

	hobbies				
EUR_HE0932	Equipment for sport, camping and open air recreation (SD)				
EUR_HE09321	Equipment for sport, camping and open air recreation				
EUR_HE0933	Gardens, plants and flowers (ND)				
EUR_HE09331	Gardens, plants and flowers				
EUR_HE0934	Pets and related products (ND)				
EUR_HE09341	Pets and related products				
EUR_HE0935	Veterinary and other services for pets (S)				
EUR_HE09351	Veterinary and other services for pets				
EUR_HE094	Recreational and cultural services				Recomputed if EUR_HE0943 is Dropped and if it is involved in the determination of EUR_HE094.
EUR_HE0941	Recreational and sporting services (S)				
EUR_HE09411	Recreational and sporting services				
EUR_HE0942	Cultural services (S)				
EUR_HE09421	Cinemas, theatres,				

	concerts				
EUR_HE09422	Museums, zoological gardens and the like				
EUR_HE09423	Television and radio taxes and hire of equipment				
EUR_HE09424	Other services				
EUR_HE0943	Games of chance (S)			Dropped	
EUR_HE09431	Games of chance			Dropped	
EUR_HE095	Newspapers, books and stationery				
EUR_HE0951	Books (SD)				
EUR_HE09511	Books				
EUR_HE0952	Newspapers and periodicals (ND)				
EUR_HE09521	Newspapers and periodicals				
EUR_HE0953	Miscellaneous printed matter (ND)				
EUR_HE09531	Miscellaneous printed matter				
EUR_HE0954	Stationery and drawing materials (ND)				
EUR_HE09541	Stationery and drawing materials				
EUR_HE096	Package holidays				
EUR_HE10	Education				

EUR_HE101	Pre primary and primary education				
EUR_HE1011	Pre primary and primary education (S)				
EUR_HE10111	Pre primary and primary education				
EUR_HE102	Secondary education				
EUR_HE1021	Secondary education (S)				
EUR_HE10211	Secondary education				
EUR_HE103	Post-secondary non-tertiary education				
EUR_HE1031	Post-secondary non-tertiary education (S)				
EUR_HE10311	Post-secondary non-tertiary education				
EUR_HE104	Tertiary education				
EUR_HE1041	Tertiary education (S)				
EUR_HE10411	Tertiary education				
EUR_HE105	Education not definable by level				
EUR_HE1051	Education not definable by level (S)				
EUR_HE10511	Education not definable by level				
EUR_HE11	Restaurants and				

	hotels				
EUR_HE111	Catering services				
EUR_HE1111	Restaurants, cafés and the like(S)				
EUR_HE11111	Restaurants				
EUR_HE11112	Cafés, bars and the like				
EUR_HE1112	Canteens (S)				
EUR_HE1121	Canteens				
EUR_HE112	Accommodation services				
EUR_HE1121	Accommodation services (S)				
EUR_HE11211	Accommodation services				
EUR_HE12	Miscellaneous goods and services				Recomputed if EUR_HE12.2 is Dropped and if it is involved in the determination of EUR_HE12.
EUR_HE121	Personal care				
EUR_HE1211	Hairdressing salons and personal grooming establishments (S)				
EUR_HE12111	Hairdressing salons and personal grooming establishments				
EUR_HE1212	Electrical appliances for personal care (D)				
EUR_HE12121	Electrical appliances for				

	personal care				
EUR_HE1213	Other appliances, articles and products for personal care (ND)				
EUR_HE12131	Other appliance, articles and products for personal care				
EUR_HE122	Prostitution			Dropped	
EUR_HE1221	Prostitution (S)			Dropped	
EUR_HE12211	Prostitution			Dropped	
EUR_HE123	Personal effects n.e.c.				
EUR_HE1231	Jewellery, clocks and watches (D)				
EUR_HE12311	Jewellery, clocks and watches				
EUR_HE1232	Other personal effects (SD)				
EUR_HE12321	Travel goods and other carriers				
EUR_HE12322	Other personal effects				
EUR_HE124	Social protection				
EUR_HE1241	Social protection services (S)				
EUR_HE12411	Social protection services				
EUR_HE12412	Crèches,				

	nurseries				
EUR_HE125	Insurance				
EUR_HE1252	Insurance connected with the dwelling (S)				
EUR_HE12521	Insurance connected with the dwelling				
EUR_HE1253	Insurance connected with health (S)				
EUR_HE12531	Insurance connected with health				
EUR_HE1254	Insurance connected with transport (S)				
EUR_HE12541	Insurance connected with transport				
EUR_HE1255	Other insurance (S)				
EUR_HE12551	Other insurance				
EUR_HE126	Financial services n.e.c.				
EUR_HE1262	Financial services n.e.c. (S)				
EUR_HE12621	Financial services n.e.c.				
EUR_HE127	Other services n.e.c.				
EUR_HE1271	Other services n.e.c. (S)				

EUR_HJ00	Total consumption expenditure done abroad				EUR_HJ00 = EUR_HJ01 + EUR_HJ02+EUR_HJ03+EUR_HJ04+EUR_HJ05+EUR_HJ06+EUR_HJ07+EUR_HJ08+EUR_HJ09+EUR_HJ10 +EUR_HJ11+EUR_HJ12
EUR_HJ01	Food and non-alcoholic beverages				
EUR_HJ02	Alcoholic beverages, tobacco and narcotics				
EUR_HJ03	Clothing and footwear				
EUR_HJ04	Housing, water, electricity, gas and other fuels				
EUR_HJ05	Furnishings, household equipment and routine household maintenance				
EUR_HJ06	Health				
EUR_HJ07	Transport				
EUR_HJ08	Communication				
EUR_HJ09	Recreation and culture				
EUR_HJ10	Education				
EUR_HJ11	Restaurants and hotels				
EUR_HJ12	Miscellaneous goods and services				

EUR_HJ90	Consumption expenditure on travelling and holidays done abroad				For those countries with small proportions of cross-border consumption expenditure at an aggregated level, only the variables HJ00 and HJ90 are present.
HB05	Household size	01-xx	INT 2		
HB051	Number of persons aged less than or equal to 4	01-xx	INT 2		
HB052	Number of persons aged from 5 to 13	01-xx	INT 2		
HB053	Number of persons aged from 14 to 15	01-xx	INT 2		
HB054	Total number of persons aged from 16 to 24	01-xx	INT 2		
HB055	Number of persons aged from 16 to 24 who are students	01-xx	INT 2		
HB056	Number of persons aged from 25 to 64	01-xx	INT 2		
HB057	Number of persons aged more than or equal to 65	01-xx	INT 2		
HB061	Equivalent size (OECD scale)	01-xx,x	DEC 2.1		
HB062	Equivalent size (modified OECD scale)	01-xx,x	DEC 2.1		

HB074	Type of Household 1 - Age limit for children set at 16 years of age)	1 one adult 2 two adults 3 more than 2 adults 4 one adult with dependant children 5 two adults with dependant children 6 more than 2 adults with dependant children 9 other	INT 1		
HB075	Type of household – 2	10 One person household 21 Lone parent with child(ren) aged less than 25 22 Couple without child(ren) aged less than 25 23 Couple with child(ren) aged less than 25 24 Couple or lone parent with child(ren) aged less than 25 and other persons living in the household 99 other type of household	INT 2		
HB0761	Number of persons aged 16-64 in household who are at work	0-XX	INT 2		
HB0762	Number of persons aged 16-64 in household who are unemployed or are economically inactive	0-XX	INT 2		

HC23	Socio-economic situation of the reference person	*Private sector Z1 manual worker except agriculture Z2 non manual worker except agriculture *Public sector Z3 manual worker except agriculture Z4 non manual worker except agriculture *Other Z5 self employed person except agriculture Z6 farmer or agricultural worker Z7 unemployed Z8 retired Z9 student or in national service 10 housewife or person engaged in a non economic activity 11 unable to work 88 not applicable (legal age to work unattained) 99 not specified	INT 2		
HC24	Socio-economic situation of reference person	Z1 manual worker except agriculture (HC23=01, 03) Z2 non-manual worker except agriculture (HC23=02, 04) Z3 self-employed person and farmer or agricultural worker (HC23=05, 06) Z4 unemployed (HC23=07) Z5 retired (HC23=08) Z6 other inactive (HC23=09, 10, 11) 88 not applicable (legal age to work not attained) 99 not specified	INT 2		

HD20	Number of members economically active	0 1 2 3 4 5 or more	INT 1		
HQ0111	Bread and cereals (ND)				

Household member record layout					
VAR NAME	VARIABLE LABEL	POSSIBLE VALUES / MEASUREMENT UNIT	FORMAT	ACTIONS	NOTES
MA04	Identification number of the household		INT 13	This number has been randomised.	Variable to be used together with COUNTRY and YEAR as the Key linking variables for hh and individual files
COUNTRY	Country	BE Belgium BG Bulgaria CZ Czech Republic DK Denmark DE Germany EE Estonia FR France IE Ireland IT Italy EL Greece ES Spain HR Croatia CY Cyprus LV Latvia LT Lithuania LU Luxembourg HU Hungary MT Malta PL Poland PT Portugal RO Romania SI Slovenia SK Slovakia SE Sweden FI Finland UK United Kingdom	CHA 2		Variable to be used together with MA04 and YEAR as the Key linking variables for hh and individual files

YEAR	HBS wave Reference Year	2010	CHA 4		Variable to be used together with MA04 and COUNTRY as the Key linking variables for hh and individual files
MB01	Country of Birth of household member	10 national 21 EU 22 non-EU 99 Not specified	CHA 2	Recoded into three categories: national, EU and non-EU	
MB011	Country of Citizenship of household member	10 national 21 EU 22 non-EU 99 Not specified	CHA 2	Recoded into three categories: national, EU and non-EU	
MB012	Country of Residence of the household member	10 national 21 EU 22 non-EU 99 Not specified	CHA 2	Recoded into three categories: national, EU and non-EU	
MB02	Gender of household member(s)	1 male 2 female 9 not specified	INT 1		
MB04.suppressed	Marital status of household member		INT 1	dropped	

MB04_Recoded_3Categ	Marital status of household member	1 Never married and never in a registered partnership 2 Married or in a registered partnership 3 Widowed or with registered partnership that ended with death of partner (not remarried or in new registered partnership) or Divorced or with registered partnership that was legally dissolved (not remarried or in new registered partnership) 9 Not Specified	INT 1	Recoded Widowed and Divorced	
MB042	Consensual union of household member	1 Person living in consensual union 2 Person not living in consensual union 9 Not specified	INT 1		Two persons are taken to be partners in a consensual union when they have usual residence in the same household, are not married to each other, and have a marriage-like relationship to each other

MB05	Relationship	1 Reference person 2 spouse or partner 3 child of Reference person and/or of the spouse 4 parent of Reference person and/or of the spouse 5 other relative 6 no family relationship (e.g.: resident employee) 9 not specified	INT 1		The Eurostat Definition of the Reference Person is the following: "The member that contributes most to the Household consumption budget."
MC01	Level of studies completed by the household member	0 No formal education or below ISCED 1 1 ISCED 1 - Primary education 2 ISCED 2 - Lower secondary education 3 ISCED 3 - Upper secondary education 4 ISCED 4 - Post-secondary non-tertiary education 5 ISCED 5 – Tertiary education first stage 6 ISCED 6 – Tertiary education second stage 9 not specified	INT 1		

MC02	Level of studies currently being followed by the household member	0 No formal education or below ISCED 1 1 ISCED 1 - Primary education 2 ISCED 2 - Lower secondary education 3 ISCED 3 - Upper secondary education 4 ISCED 4 - Post-secondary non-tertiary education 5 ISCED 5 – Tertiary education first stage 6 ISCED 6 – Tertiary education second stage 9 not specified	INT 1		
------	---	--	-------	--	--

ME01	Current activity status of household member	1 working including with employment but temporarily absent 2 unemployed 3 In retirement or early retirement or has given up business 4 Pupil, student, further training, unpaid work experience 5 Fulfilling domestic tasks 6 Permanently disabled 7 In compulsory military or community service 8 not applicable (legal age to work unfulfilled) 9 not specified	INT 1		
ME02	Hours worked	1 Full time 2 Part time 8 Not applicable 9 not specified	INT 1		

ME03	Type of work contract for the household member	1 permanent job/work contract of unlimited duration 2 temporary job/work contract of limited duration 8 not applicable (does not work) 9 not specified	INT 1		
ME04	Economic sector in Employment of household member (reflecting NACE rev 2)	See Sheet Economic sectors	CHA 1		
ME12	Status in employment household member	1 employer 2 self employed person 3 employee 4 unpaid family worker 5 apprentice 6 persons not classified by status 8 not applicable (legal age to work unfulfilled) 9 not specified	INT 1		

ME13	Sector household member	1 public sector employee 2 private sector employee 8 not applicable (legal age not fulfilled or not an employee) 9 not specified	INT 1		
MA05	Line number of the member of household	Z1,Z2 -> 15 ("Z" means "0") 99 Not specified	CHA 2		
ME0988	Occupation of household member (ISCO88)	Z1 Legislators, senior officials and managers Z2 Professionals Z3 Technicians and associate professionals Z4 Clerks Z5 Service workers, shop & market sales workers Z6 Skilled agricultural and fishery workers Z7 Craft and related trades workers Z8 Plant and machine operators and assemblers Z9 Elementary occupations Z0 Armed forces 88 Not applicable (legal age to work unfulfilled) 99 Not specified	INT 2		May not appear in file if ME0908 is provided

ME0908.suppressed	Occupation of household member (ISCO08)		INT 2	Dropped	
ME0908_Recoded	Occupation of household member (ISCO08)	See Sheet Recoded ISCO 08	INT 2		1) Recode all the categories belonging to "armed forces", i.e. "01", "02", "03", into a single one - "AF" 2) Recode all the categories belonging to "Legislators, senior officials and managers" i.e. "11", "12", "13", "14", into a single one - "LM".
EUR_MF099	Total income from all sources (net amount) corresponding to each single member of the family	in euro	INT 14	ROUNDING (no decimals)	This variable does not include any household allowances
MB03_Recoded_5YearsClasses*	Age (5 year-range classes) of household member	0_4 5_9 10_14 15_19 20_24 ... 80_84 85_Inf NA = missing	CHA	1) Top coding of 85 years 2) Recode in 5-year classes	Recoding in 5 classes for those records that could result in a risk of disclosure using income-based spontaneous recognition scenarios or in expenditure-based spontaneous recognition scenarios.
MB03_Recoded_5Classes	Age (5 classes) of household member	0_14 15_29 30_44 45_59 60_Inf	CHA	Recoded into 5 classes	

MB03.suppressed	Age (in completed years) of household member		INT 2	Dropped	
-----------------	--	--	-------	---------	--

Economic sectors

CODE	LABEL
A	Agriculture, forestry and fishing
B	Mining and quarrying
C	Manufacturing
D	Electricity, gas, steam and air conditioning supply
E	Water supply; sewerage, waste management and remediation activities
F	Construction
G	Wholesale and retail trade; repair of motor vehicles and motorcycles
H	Transportation and storage
I	Accommodation and food service activities
J	Information and communication
K	Financial and insurance activities
L	Real estate activities
M	Professional, scientific and technical activities
N	Administrative and support service activities
O	Public administration and defence; compulsory social security
P	Education
Q	Human health and social work activities
R	Arts, entertainment and recreation
S	Other service activities
T	Activities of households as employers; undifferentiated goods - and services - producing activities of households for own use
U	Activities of extraterritorial organisations and bodies
Z	Not specified

ISCO 08 : Recoded (code 01 and 11)

Code	Label
AF	Commissioned armed forces officers; Non-commissioned armed forces officers; Armed forces occupations, other ranks
LM	Chief executives, senior officials and legislators; Administrative and commercial managers; Production and specialized services managers; Hospitality, retail and other services managers
21	Science and engineering professionals
22	Health professionals
23	Teaching professionals
24	Business and administration professionals
25	Information and communications technology professionals
26	Legal, social and cultural professionals
31	Science and engineering associate professionals
32	Health associate professionals
33	Business and administration associate professionals
34	Legal, social, cultural and related associate professionals
35	Information and communications technicians
41	General and keyboard clerks
42	Customer services clerks
43	Numerical and material recording clerks
44	Other clerical support workers
51	Personal service workers
52	Sales workers
53	Personal care workers
54	Protective services workers
61	Market-oriented skilled agricultural workers
62	Market-oriented skilled forestry, fishery and hunting workers
63	Subsistence farmers, fishers, hunters and gatherers
71	Building and related trades workers, excluding electricians
72	Metal, machinery and related trades workers
73	Handicraft and printing workers
74	Electrical and electronic trades workers
75	Food processing, wood working, garment & other craft & related trades workers

- 81 Stationary plant and machine operators
- 82 Assemblers
- 83 Drivers and mobile plant operators
- 91 Cleaners and helpers
- 92 Agricultural, forestry and fishery labourers
- 93 Labourers in mining, construction, manufacturing and transport
- 94 Food preparation assistants
- 95 Street and related sales and service workers
- 96 Refuse workers and other elementary workers
- 98 Not Applicable
- 99 Not Specified