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Household Budget Survey 2020

Scientific-use files

User Manual

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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 structure of the released datasets. Section 5 describes the anonymisation plan whereas Section 6 describes where to find information about the sampling design and sampling weights. Section 7 contains some further information on the survey. Finally, Section 8 summarises the structure of the aggregated statistics available in EuroBase for the HBS. Section 9 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 (Annex 1) and the Household Members (Annex 2). The reader is asked to keep in mind that the values for expenditure and Income may be converted by Eurostat (using coefficients and if necessary currency conversion rates) so that the data is reflecting the situation in the HBS reference year 2020 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 seven 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 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 examining poverty issues.

3. STRUCTURE OF THE HBS FILES AND CORRESPONDING VARIABLES

The HBS variables collected from countries¹ 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); degree of urbanisation 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, country 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.

¹ See “Description of the data transmission for HBS (Reference Year) 2020” <https://ec.europa.eu/eurostat/documents/54431/1966394/Transmission+document+2020++V5.pdf/99be8934-7a25-ede7-e81d-c082a3b7a7ce?t=1674054051186>. Note that WG ILC (Income and Living Conditions) decided in December 2022 not to include new variables in the 2020 SUF files.

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** that 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 (see e.g. variable HC24).

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

The Cyprus, France and Malta Household Budget Survey Data for the 2020 wave have been produced by converting the Cyprus, France and Malta Household Budget Survey Data for the 2015 wave using the respective harmonised index of consumer prices (HICP) coefficient.

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 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.

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

The rules for HBS 2020 wave have remained the same as they were for the HBS 2010 and 2015 wave, except that the MB03 (Age (in completed years) of household member) is aggregated into 5 classes for all countries.

General anonymisation rules:

- 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 of residence) is released at NUTS1 level.
- Variables HA06 (Stratum) and HA07 (Primary sampling unit) are dropped.
- The variables MB01A (Country of birth), MB011A (Country of main citizenship) and MB012A (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: HE023 (Narcotics), HE0230; HE122 (Prostitution), HE1220, HE12200; HE0943 (Games of chance), HE09430.
- MB03 (Age (in completed years) of household member) is recoded to 5 classes.
- MB04 (Marital status of household member): the categories of widowed and divorced, are aggregated.
- ME0908 (Occupation in Main Job) – codes 'Z1','Z2','Z3' are aggregated to "AF" i.e. “Armed forces” and codes '11','12','13' , '14' are aggregated to "LM" i.e. “Legislators & managers”.

Additional country-specific anonymisation rules had to be applied for Malta and Slovenia.

In the case of **Slovenia** the following additional anonymisation rules were applied:

- (1) HH012 (Income in kind from employment)
 - HH095 (Monetary net income (total monetary income from all sources minus income taxes)):
 - MF099 (Total Income from all sources (net amount) corresponding to each single member of the family):
 - Top coding 20 (replacement of the highest 20 unweighted values with their weighted average).
 - Rounding to the nearest 10 EUR.
- (2) HH023 (Income in kind from non-salaried activities):
 - HH032 (Imputed rent):
 - Rounding to the nearest 10 EUR.
 - HH099 (Net income (total income from all sources including non-monetary components minus income taxes)):
 - Recomputation of variables: $HH099 = HH012 + HH023 + HH032 + HH095$.
- (3) MB01A (Country of birth)
 - MB011A (Country of main citizenship)
 - MB012A (Country of residence).
 - Recoding into two categories (national and other):
 - National: 10 → 10
 - Other: 21, 22 → 20
 - Not Specified: 99 → 99
- (4) MC01A (Highest educational attainment level):
 - MC02B (Level of the current/most recent formal education or training activity)

- Recoding into three categories (primary, secondary and tertiary):
 - Primary: 10, Z1, Z2 → 2
 - Secondary: Z3, Z4 → 3
 - Tertiary: Z5, Z6, Z7, Z8 → 5
 - Not Applicable: 88 → 88
 - Not Stated: 99 → 99
- (5) ME04 (Economic activity of the local unit (main job) (NACE Rev. 2)):
- - Recoding into the following categories:
 - A → 'A'
 - B, C, D, E → 'B-E'
 - F → 'F'
 - G → 'G'
 - H → 'H'
 - I → 'I'
 - J → 'J'
 - K → 'K'
 - L, M, N → 'L-N'
 - O → 'O'
 - P → 'P'
 - Q → 'Q'
 - R, S, T, U → 'R-U'
 - Not Specified: Z → 'Z'
- (6) ME0908 (Occupation in main job (ISCO-08)):
- Grouping according to the first 'digit':
 - Z1, Z2, Z3 → 00
 - 11, 12, 13, 14 → 10
 - 21, 22, 23, 24, 25, 26 → 20
 - 31, 32, 33, 34, 35 → 30
 - 41, 42, 43, 44 → 40
 - 51, 52, 53, 54 → 50
 - 61, 62, 63 → 60
 - 71, 72, 73, 74, 75 → 70
 - 81, 82, 83 → 80
 - 91, 92, 93, 94, 95, 96 → 90
 - Not Applicable: 98 → 98
 - Not Specified: 99 → 99

In the case of **Malta** the following additional anonymisation rules were applied:

Categorical variables:

- (1) HB05: Top-coded at 6+
- (2) HB051: Top-coded at 2+
- (3) HB052: Top-coded at 2+

- (4) HB053: Top-coded at 2+
- (5) HB054: Top-coded at 2+
- (6) HB055: Top-coded at 2+
- (7) HB056: Top-coded at 3+
- (8) HB057: Top-coded at 2+
- (9) HB0761: Top-coded at 3+
- (10) HB0762: Top-coded at 3+
- (11) HC23: Merged as follows:
 - Z1, Z2, Z3, Z4, Z5 and Z6 → 1_6
 - Z8, Z9, 10 and 11 → 8_11
 - Z7 → 7
- (12) HD20: Top-coded at 3+
- (13) MB01: Aggregated into:
 - 10 - National
 - 21_22 - Non-national.
- (14) MB01.1: Aggregated into:
 - 10 - National
 - 21_22 - Non-national.
- (15) ME01: Merged as follows:
 - 3, 4, 5, 6 and 7 → 3_7
- (16) ME0908 Merged as follows:
 - 92 and 95 → 92_95
- (17) ME12: Merged as follows:
 - 1 and 2 → 1_2
 - 3, 4 and 5 → “3_5”.

Income and Expenditure variables:

- (18) MF099:
 - Suppressed negative values (replaced with ‘.’).
- (19) Values for income and expenditure variables at household level are suppressed if both of the following two rules are satisfied:
 - a) For the household reference person only, there is a record with a unique combination of the following demographic characteristics: HA09 (Degree of urbanisation), MB02 (Sex) and MB03_10years (Age re-grouped in ten-year classes).

b) For the household reference person, the ‘pro-capite’ value (i.e. value per number of person in the household) of these variables is greater than the upper risk threshold and smaller than the lower risk threshold, as represented hereunder.

Lower Risk Threshold < ‘pro capite’ value < Upper Risk Threshold

Lower Risk Threshold = Q1 - 3*IQR

Upper Risk Threshold = Q3 + 3*IQR

Where:

Q1 = Quartile 1 (i.e. the 25th percentile) calculated from the ‘pro-capite’ value

Q3 = Quartile 3 (i.e. the 75th percentile) calculated from the ‘pro-capite’ value

IQR = Q3-Q1 (i.e. the inter-quartile range).

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 simple random samples to two stage stratified random samples; DE used quota sampling.

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 2020 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 (2020).

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 that 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, 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 (<https://ec.europa.eu/eurostat/web/household-budget-surveys/database>) is the following:

- ☐  Consumption expenditure of private households (hbs) 
- ☐  Mean consumption expenditure of private households (hbs_exp)
 - ☐   Mean consumption expenditure per household and per adult equivalent (hbs_exp_t111)  
 - ☐   Mean consumption expenditure per household by COICOP consumption purpose (hbs_exp_t121)  
 - ☐   Mean consumption expenditure per household with expenditure greater than zero by COICOP consumption purpose (hbs_exp_t123a)  
 - ☐   Households with expenditure greater than zero by COICOP consumption purpose (hbs_exp_t123b)  
 - ☐   Mean consumption expenditure by socio-economic category of the reference person (hbs_exp_t131)  
 - ☐   Mean consumption expenditure by number of active persons (hbs_exp_t132)  
 - ☐   Mean consumption expenditure by income quintile (hbs_exp_t133)  
 - ☐   Mean consumption expenditure by type of household (hbs_exp_t134)  
 - ☐   Mean consumption expenditure by age of the reference person (hbs_exp_t135)  
 - ☐   Mean consumption expenditure by degree of urbanisation (hbs_exp_t136)  
 - ☐   Mean consumption expenditure by main source of the household's income (hbs_exp_t137)  
- ☐  Structure of mean consumption expenditure (hbs_struc)
 - ☐   Structure of consumption expenditure by COICOP consumption purpose (hbs_str_t211)  
 - ☐   Structure of consumption expenditure by activity and employment status of the reference person and COICOP consumption purpose (hbs_str_t221)  
 - ☐   Structure of consumption expenditure by number of active persons and COICOP consumption purpose (hbs_str_t222)  
 - ☐   Structure of consumption expenditure by income quintile and COICOP consumption purpose (hbs_str_t223)  
 - ☐   Structure of consumption expenditure by type of household and COICOP consumption purpose (hbs_str_t224)  
 - ☐   Structure of consumption expenditure by age of the reference person and COICOP consumption purpose (hbs_str_t225)  
 - ☐   Structure of consumption expenditure by degree of urbanisation and COICOP consumption purpose (hbs_str_t226)  
 - ☐   Structure of consumption expenditure by main source of income and COICOP consumption purpose (hbs_str_t227)  
- ☐  Household characteristics (hbs_carac)
 - ☐   Household characteristics by activity and employment status of the reference person (hbs_car_t311)  
 - ☐   Household characteristics by number of active persons (hbs_car_t312)  
 - ☐   Household characteristics by type of household (hbs_car_t313)  
 - ☐   Household characteristics by age of the reference person (hbs_car_t314)  
 - ☐   Household characteristics by degree of urbanisation (hbs_car_t315)  
 - ☐   Household characteristics by main source of income (hbs_car_t316)  

9. REFERENCES

HBS methodology 2003:

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

Description of the data transmission for HBS (reference year) 2020:

<https://ec.europa.eu/eurostat/web/household-budget-surveys/methodology>

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.

ANNEX 1 HOUSEHOLD RECORD LAYOUT

General notes:

- ECOICOP 2013 has been used for classification of consumption expenditure.
- The Cyprus, France and Malta Household Budget Survey Data for the 2020 wave have been produced by converting the Cyprus, France and Malta Household Budget Survey Data for the 2015 wave using the respective harmonised index of consumer prices (HICP) coefficient. Please see also User Manual 2015 household and household member record layout.
- In the case of Malta and Slovenia additional anonymisation rules had to be applied.
- Quantities (HQ variables) are included only in Belgium, Bulgaria, Estonia, Greece, Spain, Latvia, Luxembourg, Hungary, Austria, Romania and Slovakia datasets.
- Only COICOP at 2-digit level is used for Romania. Not all lower/detailed COICOP levels are available for Germany.

Table 1: Household record layout

VARIABLE NAME	VARIABLE LABEL	POSSIBLE VALUES / MEASUREMENT UNIT	FORMAT	ACTIONS	NOTES
HA04	Identification number of the household		CHA 13	It represents a fictitious number.	Variable to be used together with COUNTRY and YEAR as the Key linking variables for household and individual files
COUNTRY	Country	AT Austria BE Belgium BG Bulgaria CZ Czechia DK Denmark DE Germany	CHA 2		Variable to be used together with COUNTRY and YEAR as the Key linking variables for household and individual files

VARIABLE NAME	VARIABLE LABEL	POSSIBLE VALUES / MEASUREMENT UNIT	FORMAT	ACTIONS	NOTES
		EE Estonia FR France IT Italy EL Greece ES Spain HR Croatia CY Cyprus LV Latvia LT Lithuania LU Luxembourg MT Malta HU Hungary NL Netherlands RO Romania SK Slovakia SI Slovenia			
YEAR	HBS wave Reference Year	2020	CHA 4		Variable to be used together with COUNTRY and YEAR as the Key linking variables for household and individual files
HA06_suppressed	Stratum	NA	CHA 2	Dropped	
HA07_suppressed	Primary sampling unit	NA	CHA 2	Dropped	
HA08_suppressed	Region of residence	NA	CHA 4	Dropped	Replaced by variable NUTS1
NUTS1	Region: NUTS 1	XX0 For the countries with no sub-divisions for this	CHA 3		Note: A list of the NUTS1 codes (2016 version)

VARIABLE NAME	VARIABLE LABEL	POSSIBLE VALUES / MEASUREMENT UNIT	FORMAT	ACTIONS	NOTES
		Classification (XX stands for country code). 999 Not specified			may be found at: https://op.europa.eu/en/web/eu-vocabularies/dataset/-/resource?uri=http://publications.europa.eu/resource/dataset/nuts&version=2016
HA09	Degree of urbanisation	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	CHA 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)	Slovenia (SI): - Top coding 20 (replacement of the highest 20 unweighted values with their weighted average) - Rounding to the nearest 10 EUR
EUR_HH023	Income in kind from non-salaried activities	Including withdrawals from own garden, farm or enterprise for the household's private consumption Excluding imputed rent (HH03.2)	INT 14	ROUNDED (no decimals)	SI: - Rounding to the nearest 10 EUR

VARIABLE NAME	VARIABLE LABEL	POSSIBLE VALUES / MEASUREMENT UNIT	FORMAT	ACTIONS	NOTES
EUR_HH032	Imputed rent	The owners' imputed rent and that of tenants living free of charge	INT 14	ROUNDED (no decimals)	SI: - Rounding to the nearest 10 EUR
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. SI: - Top coding 20 (replacement of the highest 20 unweighted values with their weighted average) - Rounding to the nearest 10 EUR
EUR_HH099	Net income (total income from all sources including non-monetary components minus income taxes)		INT 14	ROUNDED (no decimals)	$HH099 = HH095 + HH012 + HH023 + HH032$ SI: - Top coding 20 (replacement of the highest 20 unweighted values with their weighted average) - Rounding to the nearest 10 EUR

VARIABLE NAME	VARIABLE LABEL	POSSIBLE VALUES / MEASUREMENT UNIT	FORMAT	ACTIONS	NOTES
					- Recalculation of variables: HH099 = HH012 + HH023 + HH032 + HH095
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	CHA 1		
HI12	Main source of income (primary / secondary)	1 primary (HI11 = 1, 2, 3) 2 secondary (HI11 = 4, 5, 6) 9 not specified (HI11=9)	CHA 1		In some cases, value '.' was used for instead of '9'.
EUR_HE00	Total consumption expenditure	All expenditures expressed in euro	DEC 14.1		Recalculated if any of EUR_HE02, EUR_HE09 or EUR_HE12 is recalculated.
EUR_HE01	FOOD AND NON-ALCOHOLIC BEVERAGES				
EUR_HE011	Food				
EUR_HE0111	Bread and cereals				
EUR_HE01111	Rice				
EUR_HE01112	Flours and other cereals				
EUR_HE01113	Bread				

VARIABLE NAME	VARIABLE LABEL	POSSIBLE VALUES / MEASUREMENT UNIT	FORMAT	ACTIONS	NOTES
EUR_HE01114	Other bakery products				
EUR_HE01115	Pizza and quiche				
EUR_HE01116	Pasta products and couscous				
EUR_HE01117	Breakfast cereals				
EUR_HE01118	Other cereal products				
EUR_HE0112	Meat				
EUR_HE01121	Beef and veal				
EUR_HE01122	Pork				
EUR_HE01123	Lamb and goat				
EUR_HE01124	Poultry				
EUR_HE01125	Other meats				
EUR_HE01126	Edible offal				
EUR_HE01127	Dried_ salted or smoked meat				
EUR_HE01128	Other meat preparations				
EUR_HE0113	Fish and seafood				
EUR_HE01131	Fresh or chilled fish				
EUR_HE01132	Frozen fish				
EUR_HE01133	Fresh or chilled seafood				
EUR_HE01134	Frozen seafood				
EUR_HE01135	Dried_ smoked or salted fish and seafood				
EUR_HE01136	Other preserved or processed fish and seafood-based preparations				

VARIABLE NAME	VARIABLE LABEL	POSSIBLE VALUES / MEASUREMENT UNIT	FORMAT	ACTIONS	NOTES
EUR_HE0114	Milk_ cheese and eggs				
EUR_HE01141	Milk_ whole_ fresh				
EUR_HE01142	Milk_ low fat_ fresh				
EUR_HE01143	Milk_ preserved				
EUR_HE01144	Yoghurt				
EUR_HE01145	Cheese and curd				
EUR_HE01146	Other milk products				
EUR_HE01147	Eggs				
EUR_HE0115	Oils and fats				
EUR_HE01151	Butter				
EUR_HE01152	Margarine and other vegetable fats				
EUR_HE01153	Olive oil				
EUR_HE01154	Other edible oils				
EUR_HE01155	Other edible animal fats				
EUR_HE0116	Fruit				
EUR_HE01161	Fresh or chilled fruit				
EUR_HE01162	Frozen fruit				
EUR_HE01163	Dried fruit and nuts				
EUR_HE01164	Preserved fruit and fruit-based products				
EUR_HE0117	Vegetables				
EUR_HE01171	Fresh or chilled vegetables other than potatoes and other tubers				

VARIABLE NAME	VARIABLE LABEL	POSSIBLE VALUES / MEASUREMENT UNIT	FORMAT	ACTIONS	NOTES
EUR_HE01172	Frozen vegetables other than potatoes and other tubers				
EUR_HE01173	Dried vegetables_ other preserved or processed vegetables				
EUR_HE01174	Potatoes				
EUR_HE01175	Crisps				
EUR_HE01176	Other tubers and products of tuber vegetables				
EUR_HE0118	Sugar_ jam_ honey_ chocolate and confectionery				
EUR_HE01181	Sugar				
EUR_HE01182	Jams_ marmalades and honey				
EUR_HE01183	Chocolate				
EUR_HE01184	Confectionery products				
EUR_HE01185	Edible ices and ice cream				
EUR_HE01186	Artificial sugar substitutes				
EUR_HE0119	Food products NEC				
EUR_HE01191	Sauces_ condiments				
EUR_HE01192	Salt_ spices and culinary herbs				
EUR_HE01193	Baby food				
EUR_HE01194	Ready-made meals				
EUR_HE01199	Other food products NEC				
EUR_HE012	Non-alcoholic beverages				

VARIABLE NAME	VARIABLE LABEL	POSSIBLE VALUES / MEASUREMENT UNIT	FORMAT	ACTIONS	NOTES
EUR_HE0121	Coffee_ tea and cocoa				
EUR_HE01211	Coffee				
EUR_HE01212	Tea				
EUR_HE01213	Cocoa and powdered chocolate				
EUR_HE0122	Mineral waters_ soft drinks_ fruit and vegetable juices				
EUR_HE01221	Mineral or spring waters				
EUR_HE01222	Soft drinks				
EUR_HE01223	Fruit and vegetable juices				
EUR_HE02	ALCOHOLIC BEVERAGES_ TOBACCO AND NARCOTICS				Recalculated if EUR_HE023 has a non-zero non-missing value.
EUR_HE021	Alcoholic beverages				
EUR_HE0211	Spirits				
EUR_HE02111	Spirits and liqueurs				
EUR_HE02112	Alcoholic soft drinks				
EUR_HE0212	Wine				
EUR_HE02121	Wine from grapes				
EUR_HE02122	Wine from other fruits				
EUR_HE02123	Fortified wines				
EUR_HE02124	Wine-based drinks				
EUR_HE0213	Beer				
EUR_HE02131	Lager beer				
EUR_HE02132	Other alcoholic beer				

VARIABLE NAME	VARIABLE LABEL	POSSIBLE VALUES / MEASUREMENT UNIT	FORMAT	ACTIONS	NOTES
EUR_HE02133	Low and non-alcoholic beer				
EUR_HE02134	Beer-based drinks				
EUR_HE022	Tobacco				
EUR_HE0220	Tobacco				
EUR_HE02201	Cigarettes				
EUR_HE02202	Cigars				
EUR_HE02203	Other tobacco products				
EUR_HE023	Narcotics	NA		Dropped	
EUR_HE03	CLOTHING AND FOOTWEAR				
EUR_HE031	Clothing				
EUR_HE0311	Clothing materials				
EUR_HE03110	Clothing materials				
EUR_HE0312	Garments				
EUR_HE03121	Garments for men				
EUR_HE03122	Garments for women				
EUR_HE03123	Garments_For_Infants-0-to-2-years_and_children-3-to-13-years				
EUR_HE0313	Other articles of clothing and clothing accessories				
EUR_HE03131	Other articles of clothing				
EUR_HE03132	Clothing accessories				
EUR_HE0314	Cleaning_ repair and hire of clothing				

VARIABLE NAME	VARIABLE LABEL	POSSIBLE VALUES / MEASUREMENT UNIT	FORMAT	ACTIONS	NOTES
EUR_HE03141	Cleaning of clothing				
EUR_HE03142	Repair and hire of clothing				
EUR_HE032	Footwear				
EUR_HE0321	Shoes and other footwear				
EUR_HE03211	Footwear for men				
EUR_HE03212	Footwear for women				
EUR_HE03213	Footwear for infants and children				
EUR_HE0322	Repair and hire of footwear				
EUR_HE03220	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				
EUR_HE04110	Actual rentals paid by tenants				
EUR_HE0412	Other actual rentals				
EUR_HE04121	Actual rentals paid by tenants for secondary residences				
EUR_HE04122	Garage rentals and other rentals paid by tenants				
EUR_HE042	Imputed rentals for housing				
EUR_HE0421	Imputed rentals of owner-occupiers				
EUR_HE04210	Imputed rentals of owner-occupiers				

VARIABLE NAME	VARIABLE LABEL	POSSIBLE VALUES / MEASUREMENT UNIT	FORMAT	ACTIONS	NOTES
EUR_HE0422	Other imputed rentals				
EUR_HE04220	Other imputed rentals				
EUR_HE043	Maintenance and repair of the dwelling				
EUR_HE0431	Materials for the maintenance and repair of the dwelling				
EUR_HE04310	Materials for the maintenance and repair of the dwelling				
EUR_HE0432	Services for the maintenance and repair of the dwelling				
EUR_HE04321	Services of plumbers				
EUR_HE04322	Services of electricians				
EUR_HE04323	Maintenance services for heating systems				
EUR_HE04324	Services of painters				
EUR_HE04325	Services of carpenters				
EUR_HE04329	Other services for maintenance and repair of the dwelling				
EUR_HE044	Water supply and miscellaneous services relating to the dwelling				
EUR_HE0441	Water supply				
EUR_HE04410	Water supply				
EUR_HE0442	Refuse collection				
EUR_HE04420	Refuse collection				

VARIABLE NAME	VARIABLE LABEL	POSSIBLE VALUES / MEASUREMENT UNIT	FORMAT	ACTIONS	NOTES
EUR_HE0443	Sewage collection				
EUR_HE04430	Sewage collection				
EUR_HE0444	Other services relating to the dwelling NEC				
EUR_HE04441	Maintenance charges in multi-occupied buildings				
EUR_HE04442	Security services				
EUR_HE04449	Other services related to dwelling				
EUR_HE045	Electricity_ gas and other fuels				
EUR_HE0451	Electricity				
EUR_HE04510	Electricity				
EUR_HE0452	Gas				
EUR_HE04521	Natural gas and town gas				
EUR_HE04522	Liquefied_Hydrocarbons-butane-propane-etc				
EUR_HE0453	Liquid fuels				
EUR_HE04530	Liquid fuels				
EUR_HE0454	Solid fuels				
EUR_HE04541	Coal				
EUR_HE04549	Other solid fuels				
EUR_HE0455	Heat energy				
EUR_HE04550	Heat energy				

VARIABLE NAME	VARIABLE LABEL	POSSIBLE VALUES / MEASUREMENT UNIT	FORMAT	ACTIONS	NOTES
EUR_HE05	FURNISHINGS_ HOUSEHOLD EQUIPMENT AND ROUTINE HOUSEHOLD MAINTENANCE				
EUR_HE051	Furniture and furnishings_ carpets and other floor coverings				
EUR_HE0511	Furniture and furnishings				
EUR_HE05111	Household furniture				
EUR_HE05112	Garden furniture				
EUR_HE05113	Lighting equipment				
EUR_HE05119	Other furniture and furnishings				
EUR_HE0512	Carpets and other floor coverings				
EUR_HE05121	Carpets and rugs				
EUR_HE05122	Other floor coverings				
EUR_HE05123	Services of laying of fitted carpets and floor coverings				
EUR_HE0513	Repair of furniture_ furnishings and floor coverings				
EUR_HE05130	Repair of furniture_ furnishings and floor coverings				
EUR_HE052	Household textiles				
EUR_HE0520	Household textiles				
EUR_HE05201	Furnishing fabrics and curtains				
EUR_HE05202	Bed linen				
EUR_HE05203	Table linen and bathroom linen				

VARIABLE NAME	VARIABLE LABEL	POSSIBLE VALUES / MEASUREMENT UNIT	FORMAT	ACTIONS	NOTES
EUR_HE05204	Repair of household textiles				
EUR_HE05209	Other household textiles				
EUR_HE053	Household appliances				
EUR_HE0531	Major household appliances whether electric or not				
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_HE05319	Other major household appliances				
EUR_HE0532	Small electric household appliances				
EUR_HE05321	Food processing appliances				
EUR_HE05322	Coffee machines_ tea makers and similar appliances				
EUR_HE05323	Irons				
EUR_HE05324	Toasters and grills				
EUR_HE05329	Other small electric household appliances				
EUR_HE0533	Repair of household appliances				
EUR_HE05330	Repair of household appliances				

VARIABLE NAME	VARIABLE LABEL	POSSIBLE VALUES / MEASUREMENT UNIT	FORMAT	ACTIONS	NOTES
EUR_HE054	Glassware_ tableware and household utensils				
EUR_HE0540	Glassware_ tableware and household utensils				
EUR_HE05401	Glassware_ crystal-ware_ ceramic ware and chinaware				
EUR_HE05402	Cutlery_ flatware and silverware				
EUR_HE05403	Non-electric kitchen utensils and articles				
EUR_HE05404	Repair of glassware_ tableware and household utensils				
EUR_HE055	Tools and equipment for house and garden				
EUR_HE0551	Major tools and equipment				
EUR_HE05511	Motorized major tools and equipment				
EUR_HE05512	Repair_ leasing and rental of major tools and equipment				
EUR_HE0552	Small tools and miscellaneous accessories				
EUR_HE05521	Non-motorized small tools				
EUR_HE05522	Miscellaneous small tool accessories				
EUR_HE05523	Repair of non-motorized small tools and miscellaneous accessories				

VARIABLE NAME	VARIABLE LABEL	POSSIBLE VALUES / MEASUREMENT UNIT	FORMAT	ACTIONS	NOTES
EUR_HE056	Goods and services for routine household maintenance				
EUR_HE0561	Non-durable household goods				
EUR_HE05611	Cleaning and maintenance products				
EUR_HE05612	Other non-durable small household articles				
EUR_HE0562	Domestic services and household services				
EUR_HE05621	Domestic services by paid staff				
EUR_HE05622	Cleaning services				
EUR_HE05623	Hire of furniture and furnishings				
EUR_HE05629	Other domestic services and household services				
EUR_HE06	HEALTH				
EUR_HE061	Medical products_ appliances and equipment				
EUR_HE0611	Pharmaceutical products				
EUR_HE06110	Pharmaceutical products				
EUR_HE0612	Other medical products				
EUR_HE06121	Pregnancy tests and mechanical contraceptive devices				
EUR_HE06129	Other medical products NEC				
EUR_HE0613	Therapeutic appliances and equipment				

VARIABLE NAME	VARIABLE LABEL	POSSIBLE VALUES / MEASUREMENT UNIT	FORMAT	ACTIONS	NOTES
EUR_HE06131	Corrective eye-glasses and contact lenses				
EUR_HE06132	Hearing aids				
EUR_HE06133	Repair of therapeutic appliances and equipment				
EUR_HE06139	Other therapeutic appliances and equipment				
EUR_HE062	Out-patient services				
EUR_HE0621	Medical services				
EUR_HE06211	General practice				
EUR_HE06212	Specialist practice				
EUR_HE0622	Dental services				
EUR_HE06220	Dental services				
EUR_HE0623	Paramedical services				
EUR_HE06231	Services of medical analysis laboratories and X-ray centres				
EUR_HE06232	Thermal-baths corrective-gymnastic therapy ambulance services and hire of therapeutic equipment				
EUR_HE06239	Other paramedical services				
EUR_HE063	Hospital services				
EUR_HE0630	Hospital services				
EUR_HE06300	Hospital services				

VARIABLE NAME	VARIABLE LABEL	POSSIBLE VALUES / MEASUREMENT UNIT	FORMAT	ACTIONS	NOTES
EUR_HE07	TRANSPORT				
EUR_HE071	Purchase of vehicles				
EUR_HE0711	Motor cars				
EUR_HE07111	New motor cars				
EUR_HE07112	Second-hand motor cars				
EUR_HE0712	Motor cycles				
EUR_HE07120	Motor cycles				
EUR_HE0713	Bicycles				
EUR_HE07130	Bicycles				
EUR_HE0714	Animal drawn vehicles				
EUR_HE07140	Animal drawn vehicles				
EUR_HE072	Operation of personal transport equipment				
EUR_HE0721	Spare parts and accessories for personal transport equipment				
EUR_HE07211	Tyres				
EUR_HE07212	Spare parts for personal transport equipment				
EUR_HE07213	Accessories for personal transport equipment				
EUR_HE0722	Fuels and lubricants for personal transport equipment				
EUR_HE07221	Diesel				

VARIABLE NAME	VARIABLE LABEL	POSSIBLE VALUES / MEASUREMENT UNIT	FORMAT	ACTIONS	NOTES
EUR_HE07222	Petrol				
EUR_HE07223	Other fuels for personal transport equipment				
EUR_HE07224	Lubricants				
EUR_HE0723	Maintenance and repair of personal transport equipment				
EUR_HE07230	Maintenance and repair of personal transport equipment				
EUR_HE0724	Other services in respect of personal transport equipment				
EUR_HE07241	Hire of garages_ parking spaces and personal transport equipment				
EUR_HE07242	Toll facilities and parking meters				
EUR_HE07243	Driving lessons_ tests_ licences and road worthiness tests				
EUR_HE073	Transport services				
EUR_HE0731	Passenger transport by railway				
EUR_HE07311	Passenger transport by train				
EUR_HE07312	Passenger transport by underground and tram				
EUR_HE0732	Passenger transport by road				
EUR_HE07321	Passenger transport by bus and coach				

VARIABLE NAME	VARIABLE LABEL	POSSIBLE VALUES / MEASUREMENT UNIT	FORMAT	ACTIONS	NOTES
EUR_HE07322	Passenger transport by taxi and hired car with driver				
EUR_HE0733	Passenger transport by air				
EUR_HE07331	Domestic flights				
EUR_HE07332	International flights				
EUR_HE0734	Passenger transport by sea and inland waterway				
EUR_HE07341	Passenger transport by sea				
EUR_HE07342	Passenger transport by inland waterway				
EUR_HE0735	Combined passenger transport				
EUR_HE07350	Combined passenger transport				
EUR_HE0736	Other purchased transport services				
EUR_HE07361	Funicular_ cable-car and chair-lift transport				
EUR_HE07362	Removal and storage services				
EUR_HE07369	Other purchased transport services NEC				
EUR_HE08	COMMUNICATION				
EUR_HE081	Postal services				
EUR_HE0810	Postal services				
EUR_HE08101	Letter handling services				
EUR_HE08109	Other postal services				

VARIABLE NAME	VARIABLE LABEL	POSSIBLE VALUES / MEASUREMENT UNIT	FORMAT	ACTIONS	NOTES
EUR_HE082	Telephone and telefax equipment				
EUR_HE0820	Telephone and telefax equipment				
EUR_HE08201	Fixed telephone equipment				
EUR_HE08202	Mobile telephone equipment				
EUR_HE08203	Other equipment of telephone and telefax equipment				
EUR_HE08204	Repair of telephone or telefax equipment				
EUR_HE083	Telephone and telefax services				
EUR_HE0830	Telephone and telefax services				
EUR_HE08301	Wired telephone services				
EUR_HE08302	Wireless telephone services				
EUR_HE08303	Internet access provision services				
EUR_HE08304	Bundled telecommunication services				
EUR_HE08305	Other information transmission services				
EUR_HE09	RECREATION AND CULTURE				Recalculated if EUR_HE0943 has a non-zero non-missing value
EUR_HE091	Audio-visual_ photographic and information processing equipment				
EUR_HE0911	Equipment for the reception_ recording and reproduction of sound and picture				

VARIABLE NAME	VARIABLE LABEL	POSSIBLE VALUES / MEASUREMENT UNIT	FORMAT	ACTIONS	NOTES
EUR_HE09111	Equipment for the reception_ recording and reproduction of sound				
EUR_HE09112	Equipment for the reception_ recording and reproduction of sound and vision				
EUR_HE09113	Portable sound and vision devices				
EUR_HE09119	Other equipment for the reception_ recording and reproduction of sound and picture				
EUR_HE0912	Photographic and cinematographic equipment and optical instruments				
EUR_HE09121	Cameras				
EUR_HE09122	Accessories for photographic and cinematographic equipment				
EUR_HE09123	Optical instruments				
EUR_HE0913	Information processing equipment				
EUR_HE09131	Personal computers				
EUR_HE09132	Accessories for information processing equipment				
EUR_HE09133	Software				
EUR_HE09134	Calculators and other information processing equipment				
EUR_HE0914	Recording media				

VARIABLE NAME	VARIABLE LABEL	POSSIBLE VALUES / MEASUREMENT UNIT	FORMAT	ACTIONS	NOTES
EUR_HE09141	Pre-recorded recording media				
EUR_HE09142	Unrecorded recording media				
EUR_HE09149	Other recording media				
EUR_HE0915	Repair of audio-visual_ photographic and information processing equipment				
EUR_HE09150	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				
EUR_HE09211	Camper vans_ caravans and trailers				
EUR_HE09212	Aeroplanes_ microlight aircraft_ gliders_ hang-gliders and hot-air balloons				
EUR_HE09213	Boats_ outboard motors and fitting out of boats				
EUR_HE09214	Horses_ ponies and accessories				
EUR_HE09215	Major items for games and sport				
EUR_HE0922	Musical instruments and major durables for indoor recreation				
EUR_HE09221	Musical instruments				

VARIABLE NAME	VARIABLE LABEL	POSSIBLE VALUES / MEASUREMENT UNIT	FORMAT	ACTIONS	NOTES
EUR_HE09222	Major durables for indoor recreation				
EUR_HE0923	Maintenance and repair of other major durables for recreation and culture				
EUR_HE09230	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				
EUR_HE09311	Games and hobbies				
EUR_HE09312	Toys and celebration articles				
EUR_HE0932	Equipment for sport_ camping and open-air recreation				
EUR_HE09321	Equipment for sport				
EUR_HE09322	Equipment for camping and open-air recreation				
EUR_HE09323	Repair of equipment for sport_ camping and open-air recreation				
EUR_HE0933	Gardens_ plants and flowers				
EUR_HE09331	Garden products				
EUR_HE09332	Plants and flowers				
EUR_HE0934	Pets and related products				

VARIABLE NAME	VARIABLE LABEL	POSSIBLE VALUES / MEASUREMENT UNIT	FORMAT	ACTIONS	NOTES
EUR_HE09341	Purchase of pets				
EUR_HE09342	Products for pets				
EUR_HE0935	Veterinary and other services for pets				
EUR_HE09350	Veterinary and other services for pets				
EUR_HE094	Recreational and cultural services				Recalculated if EUR_HE0943 has a non-zero non-missing value
EUR_HE0941	Recreational and sporting services				
EUR_HE09411	Recreational and sporting services - Attendance				
EUR_HE09412	Recreational and sporting services - Participation				
EUR_HE0942	Cultural services				
EUR_HE09421	Cinemas_ theatres_ concerts				
EUR_HE09422	Museums_ libraries_ zoological gardens				
EUR_HE09423	Television and radio licence fees_ subscriptions				
EUR_HE09424	Hire of equipment and accessories for culture				
EUR_HE09425	Photographic services				
EUR_HE09429	Other cultural services				
EUR_HE0943	Games of chance	NA		Dropped	

VARIABLE NAME	VARIABLE LABEL	POSSIBLE VALUES / MEASUREMENT UNIT	FORMAT	ACTIONS	NOTES
EUR_HE095	Newspapers_ books and stationery				
EUR_HE0951	Books				
EUR_HE09511	Fiction books				
EUR_HE09512	Educational text books				
EUR_HE09513	Other non-fiction books				
EUR_HE09514	Binding services and E-book downloads				
EUR_HE0952	Newspapers and periodicals				
EUR_HE09521	Newspapers				
EUR_HE09522	Magazines and periodicals				
EUR_HE0953	Miscellaneous printed matter				
EUR_HE09530	Miscellaneous printed matter				
EUR_HE0954	Stationery and drawing materials				
EUR_HE09541	Paper products				
EUR_HE09549	Other stationery and drawing materials				
EUR_HE096	Package holidays				
EUR_HE0960	Package holidays				
EUR_HE09601	Package domestic holidays				
EUR_HE09602	Package international holidays				
EUR_HE10	EDUCATION				
EUR_HE101	Pre-primary and primary education				
EUR_HE1010	Pre-primary and primary education				

VARIABLE NAME	VARIABLE LABEL	POSSIBLE VALUES / MEASUREMENT UNIT	FORMAT	ACTIONS	NOTES
EUR_HE10101	Pre-primary education				
EUR_HE10102	Primary education				
EUR_HE102	Secondary education				
EUR_HE1020	Secondary education				
EUR_HE10200	Secondary education				
EUR_HE103	Post-secondary non-tertiary education				
EUR_HE1030	Post-secondary non-tertiary education				
EUR_HE10300	Post-secondary non-tertiary education				
EUR_HE104	Tertiary education				
EUR_HE1040	Tertiary education				
EUR_HE10400	Tertiary education				
EUR_HE105	Education not definable by level				
EUR_HE1050	Education not definable by level				
EUR_HE10500	Education not definable by level				
EUR_HE11	RESTAURANTS AND HOTELS				
EUR_HE111	Catering services				
EUR_HE1111	Restaurants_ cafés and the like				
EUR_HE11111	Restaurants_ cafés and dancing establishments				

VARIABLE NAME	VARIABLE LABEL	POSSIBLE VALUES / MEASUREMENT UNIT	FORMAT	ACTIONS	NOTES
EUR_HE11112	Fast food and take away food services				
EUR_HE11112	Canteens				
EUR_HE11120	Canteens				
EUR_HE1112	Accommodation services				
EUR_HE1120	Accommodation services				
EUR_HE11201	Hotels_ motels_ inns and similar accommodation services				
EUR_HE11202	Holiday centres_ camping sites_ youth hostels and similar accommodation services				
EUR_HE11203	Accommodation services of other establishments				
EUR_HE12	MISCELLANEOUS GOODS AND SERVICES				Recalculated if EUR_HE122 has a non-zero non-missing value
EUR_HE121	Personal care				
EUR_HE1211	Hairdressing salons and personal grooming establishments				
EUR_HE12111	Hairdressing for men and children				
EUR_HE12112	Hairdressing for women				
EUR_HE12113	Personal grooming treatments				
EUR_HE1212	Electric appliances for personal care				

VARIABLE NAME	VARIABLE LABEL	POSSIBLE VALUES / MEASUREMENT UNIT	FORMAT	ACTIONS	NOTES
EUR_HE12121	Electric appliances for personal care				
EUR_HE12122	Repair of electric appliances for personal care				
EUR_HE1213	Other appliances_ articles and products for personal care				
EUR_HE12131	Non-electrical appliances				
EUR_HE12132	Articles for personal hygiene and wellness_ esoteric products and beauty products				
EUR_HE122	Prostitution	NA		Dropped	
EUR_HE123	Personal effects NEC				
EUR_HE1231	Jewellery_ clocks and watches				
EUR_HE12311	Jewellery				
EUR_HE12312	Clocks and watches				
EUR_HE12313	Repair of jewellery_ clocks and watches				
EUR_HE1232	Other personal effects				
EUR_HE12321	Travel goods				
EUR_HE12322	Articles for babies				
EUR_HE12323	Repair of other personal effects				
EUR_HE12329	Other personal effects NEC				
EUR_HE124	Social protection				
EUR_HE1240	Social protection				

VARIABLE NAME	VARIABLE LABEL	POSSIBLE VALUES / MEASUREMENT UNIT	FORMAT	ACTIONS	NOTES
EUR_HE12401	Child care services				
EUR_HE12402	Retirement homes for elderly persons and residences for disabled persons				
EUR_HE12403	Services to maintain people in their private homes				
EUR_HE12404	Counselling				
EUR_HE125	Insurance				
EUR_HE1252	Insurance connected with the dwelling				
EUR_HE12520	Insurance connected with the dwelling				
EUR_HE1253	Insurance connected with health				
EUR_HE12531	Public insurance connected with health				
EUR_HE12532	Private insurance connected with health				
EUR_HE1254	Insurance connected with transport				
EUR_HE12541	Motor vehicle insurance				
EUR_HE12542	Travel insurance				
EUR_HE1255	Other insurance				
EUR_HE12550	Other insurance				
EUR_HE126	Financial services NEC				
EUR_HE1262	Other financial services NEC				

VARIABLE NAME	VARIABLE LABEL	POSSIBLE VALUES / MEASUREMENT UNIT	FORMAT	ACTIONS	NOTES
EUR_HE12621	Charges by banks and post offices				
EUR_HE12622	Fees and service charges of brokers_ investment counsellors				
EUR_HE127	Other services NEC				
EUR_HE1270	Other services NEC				
EUR_HE12701	Administrative fees				
EUR_HE12702	Legal services and accountancy				
EUR_HE12703	Funeral services				
EUR_HE12704	Other fees and services				
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				

VARIABLE NAME	VARIABLE LABEL	POSSIBLE VALUES / MEASUREMENT UNIT	FORMAT	ACTIONS	NOTES
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	1-xx	INT 2		Malta (MT): Top-coded at 6+
HB051	Number of persons aged less than or equal to 4	0-xx	INT 2		MT: Top-coded at 2+
HB052	Number of persons aged from 5 to 13	0-xx	INT 2		MT: Top-coded at 2+
HB053	Number of persons aged from 14 to 15	0-xx	INT 2		MT: Top-coded at 2+
HB054	Total number of persons aged from 16 to 24	0-xx	INT 2		MT: Top-coded at 2+
HB055	Number of persons aged from 16 to 24 who are students	0-xx	INT 2		MT: Top-coded at 2+
HB056	Number of persons aged from 25 to 64	0-xx	INT 2		MT: Top-coded at 3+
HB057	Number of persons aged more than or equal to 65	0-xx	INT 2		MT: Top-coded at 2+

VARIABLE NAME	VARIABLE LABEL	POSSIBLE VALUES / MEASUREMENT UNIT	FORMAT	ACTIONS	NOTES
HB061	Equivalent size (OECD scale)	1-xx,x	DEC 2.1		
HB062	Equivalent size (modified OECD scale)	1-xx,x	DEC 2.1		
HB074	HBS Household Type (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 dependent children 5 two adults with dependent children 6 more than 2 adults with dependent children 9 other	CHA 1		
HB075A	Household type	1 One person household 2 Lone parent with at least one child aged less than 25 3 Lone parent with ALL children aged 25 or more 4 Couple without any child(ren) 5 Couple with at least one child aged less than 25 6 Couple with ALL children aged 25 or more 8 Other type of household	CHA 1		CY, FR, MT variable name HB075 and possible values: 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

VARIABLE NAME	VARIABLE LABEL	POSSIBLE VALUES / MEASUREMENT UNIT	FORMAT	ACTIONS	NOTES
		9 Not Stated			99 other type of household
HB0761	Number of persons aged 16-64 in household who are at work	0-XX	INT 2		MT: Top-coded at 3+
HB0762	Number of persons aged 16-64 in household who are unemployed or are economically inactive	0-XX	INT 2		MT: Top-coded at 3+
HC23A	Main activity status of Reference Person (self-defined)	Z1 Employed Z2 Unemployed Z3 Retired Z4 Unable to work due to long standing health problems Z5 Pupil or student Z6 Fulfilling domestic tasks Z7 In compulsory military, civilian service 10 Other Z9 Not Stated Z8 Not Applicable	CHA 2		CY, FR, MT variable name HC23 and possible values: Z1 manual worker except agriculture Z2 non-manual worker except agriculture Z3 manual worker except agriculture Z4 non-manual worker except agriculture 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 MT merged as follows:

VARIABLE NAME	VARIABLE LABEL	POSSIBLE VALUES / MEASUREMENT UNIT	FORMAT	ACTIONS	NOTES
					Z1, Z2, Z3, Z4, Z5 and Z6 → 1_6 Z8, Z9, 10 and 11 → 8_11 Z7 → 7
HC24	Socio-economic situation of reference person	Z1 manual worker except agriculture Z2 non-manual worker except agriculture Z3 self-employed person and farmer or agricultural worker Z4 unemployed Z5 retired Z6 other inactive 88 not applicable (legal age to work not attained) 99 not stated	CHA 2		
HD20	Number of members economically active	0 1 2 3 4 5 or more	CHA 1		MT: Top-coded at 3+
HQ0111	Bread and cereals		DEC 14.1		
HQ01111	Rice		DEC 14.1		
HQ01112	Flours and other cereals		DEC 14.1		

VARIABLE NAME	VARIABLE LABEL	POSSIBLE VALUES / MEASUREMENT UNIT	FORMAT	ACTIONS	NOTES
HQ01113	Bread		DEC 14.1		
HQ01114	Other bakery products		DEC 14.1		
HQ01115	Pizza and quiche		DEC 14.1		
HQ01116	Pasta products and couscous		DEC 14.1		
HQ01117	Breakfast cereals		DEC 14.1		
HQ01118	Other cereal products		DEC 14.1		
HQ0112	Meat		DEC 14.1		
HQ01121	Beef and veal		DEC 14.1		
HQ01122	Pork		DEC 14.1		
HQ01123	Lamb and goat		DEC 14.1		
HQ01124	Poultry		DEC 14.1		
HQ01125	Other meats		DEC 14.1		
HQ01126	Edible offal		DEC 14.1		
HQ01127	Dried_ salted or smoked meat		DEC 14.1		
HQ01128	Other meat preparations		DEC 14.1		
HQ0113	Fish and seafood		DEC 14.1		
HQ01131	Fresh or chilled fish		DEC 14.1		
HQ01132	Frozen fish		DEC 14.1		
HQ01133	Fresh or chilled seafood		DEC 14.1		
HQ01134	Frozen seafood		DEC 14.1		
HQ01135	Dried_ smoked or salted fish and seafood		DEC 14.1		

VARIABLE NAME	VARIABLE LABEL	POSSIBLE VALUES / MEASUREMENT UNIT	FORMAT	ACTIONS	NOTES
HQ01136	Other preserved or processed fish and seafood-based preparations		DEC 14.1		
HQ0114	Milk_ cheese and eggs		DEC 14.1		
HQ01141	Milk_ whole_ fresh		DEC 14.1		
HQ01142	Milk_ low fat_ fresh		DEC 14.1		
HQ01143	Milk_ preserved		DEC 14.1		
HQ01144	Yoghurt		DEC 14.1		
HQ01145	Cheese and curd		DEC 14.1		
HQ01146	Other milk products		DEC 14.1		
HQ01147	Eggs		DEC 14.1		
HQ0115	Oils and fats		DEC 14.1		
HQ01151	Butter		DEC 14.1		
HQ01152	Margarine and other vegetable fats		DEC 14.1		
HQ01153	Olive oil		DEC 14.1		
HQ01154	Other edible oils		DEC 14.1		
HQ01155	Other edible animal fats		DEC 14.1		
HQ0116	Fruit		DEC 14.1		
HQ01161	Fresh or chilled fruit		DEC 14.1		
HQ01162	Frozen fruit		DEC 14.1		
HQ01163	Dried fruit and nuts		DEC 14.1		
HQ01164	Preserved fruit and fruit-based products		DEC 14.1		
HQ0117	Vegetables		DEC 14.1		

VARIABLE NAME	VARIABLE LABEL	POSSIBLE VALUES / MEASUREMENT UNIT	FORMAT	ACTIONS	NOTES
HQ01171	Fresh or chilled vegetables other than potatoes and other tubers		DEC 14.1		
HQ01172	Frozen vegetables other than potatoes and other tubers		DEC 14.1		
HQ01173	Dried vegetables_ other preserved or processed vegetables		DEC 14.1		
HQ01174	Potatoes		DEC 14.1		
HQ01175	Crisps		DEC 14.1		
HQ01176	Other tubers and products of tuber vegetables		DEC 14.1		
HQ0118	Sugar_ jam_ honey_ chocolate and confectionery		DEC 14.1		
HQ01181	Sugar		DEC 14.1		
HQ01182	Jams_ marmalades and honey		DEC 14.1		
HQ01183	Chocolate		DEC 14.1		
HQ01184	Confectionery products		DEC 14.1		
HQ01185	Edible ices and ice cream		DEC 14.1		
HQ01186	Artificial sugar substitutes		DEC 14.1		
HQ0119	Food products NEC		DEC 14.1		
HQ01191	Sauces_ condiments		DEC 14.1		
HQ01192	Salt_ spices and culinary herbs		DEC 14.1		
HQ01193	Baby food		DEC 14.1		
HQ01194	Ready-made meals		DEC 14.1		

VARIABLE NAME	VARIABLE LABEL	POSSIBLE VALUES / MEASUREMENT UNIT	FORMAT	ACTIONS	NOTES
HQ01199	Other food products NEC		DEC 14.1		
HQ012	Non-alcoholic beverages		DEC 14.1		
HQ0121	Coffee_ tea and cocoa		DEC 14.1		
HQ01211	Coffee		DEC 14.1		
HQ01212	Tea		DEC 14.1		
HQ01213	Cocoa and powdered chocolate		DEC 14.1		
HQ0122	Mineral waters_ soft drinks_ fruit and vegetable juices		DEC 14.1		
HQ01221	Mineral or spring waters		DEC 14.1		
HQ01222	Soft drinks		DEC 14.1		
HQ01223	Fruit and vegetable juices		DEC 14.1		
HQ021	Alcoholic beverages		DEC 14.1		
HQ0211	Spirits		DEC 14.1		
HQ02111	Spirits and liqueurs		DEC 14.1		
HQ02112	Alcoholic soft drinks		DEC 14.1		
HQ0212	Wine		DEC 14.1		
HQ02121	Wine from grapes		DEC 14.1		
HQ02122	Wine from other fruits		DEC 14.1		
HQ02123	Fortified wines		DEC 14.1		
HQ02124	Wine-based drinks		DEC 14.1		
HQ0213	Beer		DEC 14.1		
HQ02131	Lager beer		DEC 14.1		
HQ02132	Other alcoholic beer		DEC 14.1		

VARIABLE NAME	VARIABLE LABEL	POSSIBLE VALUES / MEASUREMENT UNIT	FORMAT	ACTIONS	NOTES
HQ02133	Low and non-alcoholic beer		DEC 14.1		
HQ02134	Beer-based drinks		DEC 14.1		

ANNEX 2 HOUSEHOLD MEMBER RECORD LAYOUT

General notes:

- The Cyprus, France and Malta Household Budget Survey Data for the 2020 wave have been produced by converting the Cyprus, France and Malta Household Budget Survey Data for the 2015 wave using the respective harmonised index of consumer prices (HICP) coefficient. Please see also User Manual 2015 household and household member record layout.
- In the case of Malta and Slovenia additional anonymisation rules had to be applied.

Table 2: Household member record layout

VARIABLE NAME	VARIABLE LABEL	POSSIBLE VALUES / MEASUREMENT UNIT	FORMAT	ACTIONS	NOTES
MA04	Identification number of the household		CHA 13	This number has been randomised.	Variable to be used together with COUNTRY and YEAR as the Key linking variables for household and individual files
COUNTRY	Country	AT Austria BE Belgium BG Bulgaria CZ Czechia DK Denmark DE Germany EE Estonia FR France IT Italy EL Greece ES Spain	CHA 2		Variable to be used together with MA04 and YEAR as the Key linking variables for household and individual files

VARIABLE NAME	VARIABLE LABEL	POSSIBLE VALUES / MEASUREMENT UNIT	FORMAT	ACTIONS	NOTES
		HR Croatia CY Cyprus LV Latvia LT Lithuania LU Luxembourg MT Malta HU Hungary NL Netherlands RO Romania SK Slovakia SI Slovenia			
YEAR	HBS wave Reference Year	2020	CHA 4		Variable to be used together with MA04 and COUNTRY as the Key linking variables for household and individual files
MB01A	Country of birth	10 national 21 EU 22 non-EU 77 Foreign-born but country of birth unknown 99 Not specified 88 Not Applicable	CHA 2	Recoded into three categories: national, EU and non-EU	CY, FR, MT variable name MB01 and possible values: 10 National 21 EU 22 Non-EU 99 Not specified MT aggregated:

VARIABLE NAME	VARIABLE LABEL	POSSIBLE VALUES / MEASUREMENT UNIT	FORMAT	ACTIONS	NOTES
					10 - National 21_22 - Non-national SI aggregated: 10 - National 21, 22 → 20 - Other 99 → 99 - Not Specified
MB011A	Country of main citizenship	10 national 21 EU 22 non-EU 77 Foreign-born but country of birth unknown 99 Not specified 88 Not Applicable	CHA 2	Recoded into three categories: national, EU and non-EU	CY, FR, MT variable name MB011 and possible values: 10 National 21 EU 22 Non-EU 99 Not specified MT aggregated: 10 - National 21_22 - Non-national SI aggregated: 10 - National 21, 22 → 20 - Other 99 → 99 - Not Specified

VARIABLE NAME	VARIABLE LABEL	POSSIBLE VALUES / MEASUREMENT UNIT	FORMAT	ACTIONS	NOTES
MB012A	Country of residence	10 national 21 EU 22 non-EU 77 Foreign-born but country of birth 99 Not specified 88 Not Applicable	CHA 2	Recoded into three categories: national, EU and non-EU	CY, FR, MT variable name MB012 and possible values: 10 National 21 EU 22 Non-EU 99 Not specified SI aggregated: 10 National 21, 22 → 20 - Other 99 → 99 - Not Specified
MB02	Sex of household member(s)	1 male 2 female 9 Not specified	CHA 1		
MB04_suppressed	Marital status of household member	NA	CHA 2	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	CHA 1	Recoded MB04 variable: modalities Widowed and Divorced merged	

VARIABLE NAME	VARIABLE LABEL	POSSIBLE VALUES / MEASUREMENT UNIT	FORMAT	ACTIONS	NOTES
		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 Stated			
MB042	Partners living in the same household	1 Person living with a legal or de facto partner 2 Person not living with a legal or de facto partner 1 8 Not Applicable 9 Not Stated	CHA 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. Values in CY, FR, MT: 1 Person living in consensual union 2 Person not living in consensual union 9 Not specified
MB05	Relationship	1 Reference person 2 Spouse or partner	CHA 1		Reference Person is the person aged 16 or more who most contributes to the household income.

VARIABLE NAME	VARIABLE LABEL	POSSIBLE VALUES / MEASUREMENT UNIT	FORMAT	ACTIONS	NOTES
		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 started			
MC01A	Highest Educational Attainment Level (ISCED 2011)	10 No formal education or below ISCED 1 Z1 ISCED 1 Primary education Z2 ISCED 2 Lower secondary education Z3 ISCED 3 Upper secondary education Z4 ISCED 4 Post-secondary non-tertiary education Z5 ISCED 5 Short cycle tertiary education	CHA 1		CY, FR, MT variable name MC01 and possible values: 0 Early childhood education 1 Primary education 2 Lower secondary education 3 Upper secondary education 4 Post-secondary non tertiary education 5 Short cycle tertiary 6 Bachelor or equivalent 7 Master or equivalent 8 Doctorate or equivalent

VARIABLE NAME	VARIABLE LABEL	POSSIBLE VALUES / MEASUREMENT UNIT	FORMAT	ACTIONS	NOTES
		Z6 ISCED 6 Bachelor or equivalent level Z7 ISCED 7 Master or equivalent level Z8 ISCED 8 Doctorate or equivalent level 99 Not Stated 88 Not Applicable			9 Not Specified SI aggregated data: 10, Z1, Z2 → 2 - Primary Z3, Z4 → 3 - Secondary Z5, Z6, Z7, Z 8 → 5 Tertiary 88 → 88 - Not Applicable 99 → 99 - Not Stated
MC02B	Level of the current/most recent formal education or training activity (ISCED 2011)	10 Early childhood education Z1 ISCED 1 Primary education Z2 ISCED 2 Lower secondary education Z3 ISCED 3 Upper secondary education Z4 ISCED 4 Post-secondary non-tertiary education Z5 ISCED 5 Short cycle tertiary education	CHA 1		CY, FR, MT variable name MC02 and possible values: 0 Early childhood education 1 Primary education 2 Lower secondary education 3 Upper secondary education 4 Post-secondary non tertiary education 5 Short cycle tertiary 6 Bachelor or equivalent 7 Master or equivalent 8 Doctorate or equivalent 9 Not Specified

VARIABLE NAME	VARIABLE LABEL	POSSIBLE VALUES / MEASUREMENT UNIT	FORMAT	ACTIONS	NOTES
		Z6 ISCED 6 Bachelor or equivalent level Z7 ISCED 7 Master or equivalent level Z8 ISCED 8 Doctorate or equivalent level 99 Not Stated 88 Not Applicable			SI aggregated data: 10, Z1, Z2 → 2 - Primary Z3, Z4 → 3 - Secondary Z5, Z6, Z7, Z 8 → 5 -Tertiary: 88 → 88 - Not Applicable 99 → 99 - Not Stated
ME01A	Main activity status (self-defined)	Z1 Employed Z2 Unemployed Z3 Retired Z4 Unable to work due to long standing health problems Z5 Pupil or student Z6 Fulfilling domestic tasks Z7 In compulsory military or civilian service 10 Other Z9 Not Stated	CHA 1		CY, FR, MT variable name ME01 and possible values: 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

VARIABLE NAME	VARIABLE LABEL	POSSIBLE VALUES / MEASUREMENT UNIT	FORMAT	ACTIONS	NOTES
		Z8 Not Applicable			MT aggregated data: 3, 4, 5, 6 and 7 → 3_7
ME02	Main Job: Full- or Part-time (self-defined)	1 Full time 2 Part time 8 Not applicable 9 Not Stated	CHA 1		
ME03A	Permanency of Main Job	10 Permanent Contract 1A Permanent written contract 1B Permanent verbal agreement 20 Fixed-term contract 2A Fixed-Term written contract 2B Fixed-Term verbal agreement 99 Not Stated 88 Not Applicable	CHA 1		CY, FR, MT variable name ME03 and possible values: 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
ME04	Economic activity of the	See Annex 3	CHA 1		SI aggregated data:

VARIABLE NAME	VARIABLE LABEL	POSSIBLE VALUES / MEASUREMENT UNIT	FORMAT	ACTIONS	NOTES
	local unit (main job) (reflecting NACE rev 2)				A → 'A' B, C, D, E → 'B-E' F → 'F' G → 'G' H → 'H' I → 'I' J → 'J' K → 'K' L, M, N → 'L-N' O → 'O' P → 'P' Q → 'Q' R, S, T, U → 'R-U' Z → 'Z' - Not Specified
ME12A	Status in Employment in Main Job	1 Self-employed person with employees 2 Self-employed person without employees 3 Employee 4 Unpaid Family worker	CHA 1		CY, FR, MT variable name ME12 and possible values: 1 employer 2 self-employed person 3 employee 4 unpaid family worker

VARIABLE NAME	VARIABLE LABEL	POSSIBLE VALUES / MEASUREMENT UNIT	FORMAT	ACTIONS	NOTES
		9 Not Stated 8 Not Applicable			5 apprentice 6 persons not classified by status 8 not applicable (legal age to work unfulfilled) 9 not specified MT aggregated data: 1 and 2 → 1_2 3, 4 and 5 → 3_5
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 Started	CHA 1		
MA05	Line number of the member of household	Z1, Z2, Z3, ..., Z9, 10, 11, 12, 13, 14, 15 99 Not specified	CHA 2		"Z" is used to replace leading "0".
ME0908_suppressed	Occupation in Main Job (ISCO-08)	NA	CHA 2	Dropped	

VARIABLE NAME	VARIABLE LABEL	POSSIBLE VALUES / MEASUREMENT UNIT	FORMAT	ACTIONS	NOTES
ME0908_Recoded	Occupation in Main Job member (ISCO-08)	See Annex 4	CHA 2		<p>1) All the categories belonging to "armed forces", i.e. "Z1", "Z2", "Z3" recoded into a single one - "AF"</p> <p>2) All the categories belonging to "Legislators, senior officials and managers" i.e. "11", "12", "13", "14" recoded into a single one - "LM".</p> <p>MT aggregated data: 92 and 95 → 92_95</p> <p>SI aggregated data: Z1, Z2, Z3 → 00 11, 12, 13, 14 → 10 21, 22, 23, 24, 25, 26 → 20 31, 32, 33, 34, 35 → 30 41, 42, 43, 44 → 40 51, 52, 53, 54 → 50 61, 62, 63 → 60 71, 72, 73, 74, 75 → 70 81, 82, 83 → 80 91, 92, 93, 94, 95, 96 → 90 98 → 98 - Not Applicable</p>

VARIABLE NAME	VARIABLE LABEL	POSSIBLE VALUES / MEASUREMENT UNIT	FORMAT	ACTIONS	NOTES
					99 → 99 - Not Specified
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. MT suppressed negative values (replaced with ‘.’). SI applied: - Top coding 20 (replacement of the highest 20 unweighted values with their weighted average) - Rounding to the nearest 10 EUR
MB03_Recoded_5Classes	Age (5 classes) of household member	0_14 15_29 30_44 45_59 60_Inf	CHA 6	Recoded into 5 classes	
MB03_suppressed	Age (in completed years) of household member	NA	CHA 2	Dropped	

ANNEX 3 ECONOMIC SECTORS ACCORDING TO NACE, REV. 2 (ME04)

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
8	Not Applicable
9	Not Stated

ANNEX 4 OCCUPATIONS ACCORDING TO ISCO-08 (ME0908_RECODED)²

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

² ISCO-08 codes 01-03 and 11-14 were recoded.

Code	Label
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 Stated
99	Not Specified