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Description of the Household Budget Survey (HBS) data transmission for the Reference Year **2020** Version: **5**

HBS2020_Transmission_DOC_Version History

Version 1 2018-09-17

Version 2 2019-05-21 Changed all references to ECOICOP, to UN COICOP 2018
Quantities now are based on the COICOP 2018 (UN) 5-Digit
HJ variables Cross border expenditure based on COICOP 2018.
Added the variable HH011 Net current monthly household income
HC23A replaces HC23 due to re-ordering of code labels.
ME01A replaces ME01 due to re-ordering of code labels.
ME03A replaces ME03 (Permanency of Main Job) new modalities
Reference to the 2005 Regulation as to how to determine Imputed Rent

Version 3 2019-10-24 Added Country Code list in Annex 3a. Old Annex 3 is now Annex 3b

Version 4 2021-07-05 Changed all references to UN COICOP 2018 back to ECOICOP 2013,

Quantities are based on the ECOICOP 2013 5-Digit
HJ variables Cross border expenditure based on ECOICOP 2013
Special characters (dots/underscores) are removed from all variable names.
Some variable names are changed.
Some new modalities are added for variables: MB01A, MB011A, MB012A, MB01F, MB01M
MBGRIDXX Household Grid is changed. (To be compatible with EU-SILC and now in HM file)
MA05A, HB05A - the maximum number household members is 22
All modalities "Not Specified" are renamed to "Not Stated"

Version 5 2021-11-30 Changed MBGRIDXX Household Grid 1 modality, description and example (to be compatible with EU-SILC).

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This document, once approved by the Income and Living condition Working Group, will become the reference document for the transmission of HBS data for the Wave 2020.

1. INTRODUCTION

Consumption is the focus of the Household Budget Survey (HBS) and the majority of the variables that the countries collect are at household level. However, the advantage that the HBS has over other sources of consumption is, that by being a survey at household level, it can get information about the characteristics of the household and its members. The collection of these additional characteristics at EU level allows further consumption analysis according to these characteristics.

Micro-data versus Aggregated/Tabular data

Countries are encouraged to send micro-data instead of the aggregated tables (Tabular Data). This reflects the high demand for information on consumption expenditure from Policy Makers and researchers. In view of the fact that this survey is so rich in information, one cannot foresee all the potential tables which can be deduced. Moreover, to ask for all the possible tables to be sent to EUROSTAT would be impractical.

Structure of the document

This document will keep the same layout as its predecessor(s) and is split into three parts:

- Chapters 2 and 3 describe the format and content of the micro-data files to be transmitted to Eurostat.
- Chapter 4 describes the data transmission procedure.
- Chapters 5 documentation.

The importance of transmitting preliminary information about the data (i.e. Meta-data), together with the data, has been emphasised. A list of the additional information to be transmitted, together with the data appears in chapter 5. More detailed Meta-data information is to be provided by the member state via the ESS Metadata Handler. This Meta-data will be used to produce a final EU-wide HBS Quality Report.

2. PROPOSED LIST OF VARIABLES FOR MICRO-DATA FILES

The following lists contain the variables proposed by Eurostat for the micro-data files of the HBS Wave 2020. These lists have been proposed after an analysis of the variables actually used to satisfy the information needs of the users of the HBS information at a European level during the last few years, the expected uses during the next years and **to align this survey with the List of Social Statistics Standard Variables (SV) as endorsed by the Directors of Social Statistics** (See Annex 4 for Definitions and Guidelines).

In this edition the distinction between 'Household' and 'Members' files is retained by having two separate groups of files with a common Household Reference Number Variable in all, for relationship-building purposes. Additional file types exist, namely the one containing the 'Derived' variables and another containing household consumption 'Quantity' variables.

The amounts (Income (HH012, HH023, HH032, HH095, HH099 and MF099) , Expenditure, Quantities) reported to Eurostat should be **annualised** (temporal weighting); the weighting of the sample is provided separately (HA10) to be applied by Eurostat.

Eurostat proposes that only the derived variables, which will be used to produce tables for Eurostat's website, will be calculated by each country. The others will be calculated accordingly on an ad hoc basis.

The list of variables and their possible values are given below:

All the variable tables below, will have the following structure:

Variable Name	Variable Label	Possible Values and/or Comments	Format
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2.1. Basic variables at the household level

These variables give information about single households and come from the information collected in the surveys.

2.1.1. [HA] Identification, weighting, demographic characteristics

HA02	Survey year(s)	4-Digit Year e.g. 2020	CHA 4
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A range of years is to be indicated if the survey extends over more than 1 calendar year: e.g. for 2019-2020 specify [1920].

HA04	Identification number of the household		CHA 13
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HA06	Stratum	1 – n -1 if not applicable	INT 13
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HA07	Primary sampling unit	1 – n -1 if not applicable	INT 13
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HA08	Region of Residence [SV] ¹	NUTS 2016 level 2	CHA 4
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Please see Annex 3b

HA09	Degree of Urbanisation [SV] Previously known in the HBS as 'Population density-level'	1 Cities 2 Towns and Suburbs 3 Rural Areas	CHA 1
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HA10	Sample weight		DEC 8.2
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The weighting of the sample **applied by Eurostat** is identical to that calculated by the Member States for the national publications of the survey results. **No scaling** should be done to the weights.

¹ **SV**: Standard Social Statistics Variable as endorsed by the Directors of Social Statistics (DSS).

2.1.1. [HC] Basic demographic characteristics of the reference person²

HC03	Sex of Reference Person [SV]	1 Male 2 Female	CHA 1
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HC04	Age (in completed years) of reference person <i>HBS-specific Variable</i>	16 ↓ 98 (98 years or over) 99 Not Stated	CHA 2
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HC04A	Year Of Birth of Reference Person (4 digits) [SV]	YYYY	CHA 4
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HC04B	Passing of birthday of Reference Person on the date of the first interview? [SV]	1 Yes 2 No	CHA 1
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HC04C	Date of First Interview of Reference Person? [SV]	DD/MM/YYYY	CHA 10
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HC05	Marital status of the Reference Person	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) 4 Divorced or with registered partnership that was legally dissolved (not remarried or in new registered partnership) 9 Not Stated	CHA 1
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For this variable, some confusion could exist between the 'legal' (de jure) situation and 'actual' (de facto) situation. In this case, **it is the 'de facto' situation which should be recorded.**

HC051	Reference person living with a partner in the same household [SV] Previously known in the HBS as 'Consensual union of the reference person'	1 Person living with a legal or de facto partner ¹ 2 Person not living with a legal or de facto partner ¹ 9 Not Stated 8 Not Applicable	CHA 1
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¹) Husband/wife/civil partner/partner/cohabitee

² Please note that “reference person” is a European concept, which usually differs from the national concept of “head of household”. In a few words, the “reference person” is the adult (16+) contributing most to the total income of the household. In that sense, the reference person can also be designated as “main income earner”.

2.1.2. [HH] Income

The following remarks refer to the transfer of data on income:

In countries where it is not possible to obtain very detailed information, the minimum objective is to provide Eurostat with the net disposable income of the household (HH09:5 and HH09:9).

When source of income does not concern any individual, but the household as a whole, it is allocated to the household's record. Consequently, the sum of the individual incomes does not necessarily equal the household's income.

Primary income and income from housing

HH011	Net current monthly household income * [SV]	The net current monthly income of a private household, i.e. the sum of the income of all household members received individually or as a whole – including income from work, social benefits, and other cash income components, and deducting cash transfers paid to other households– after taxes and contributions to social insurance, corresponding to the monthly average.	INT 14
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* See Annex 4 for detailed Definitions and Guidelines.

The Income variables (HH012, HH023, HH032, HH095, HH099 and MF099) reported to Eurostat should be **annualised** (temporal weighting); the weighting of the sample is provided separately (HA10) to be applied by Eurostat.

HH012	Income in kind from employment	Benefits provided within the framework of paid employment Excluding imputed rent (HH03:2)	INT 14
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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
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HH032*	Imputed rent	The owners' imputed rent and that of tenants living free of charge	INT 14
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* By convention, the various types of imputed rents, whether it is for an owner or a tenant living free of charge, are included in this variable.

Total income

HH095	Monetary net income (total monetary income from all sources minus income taxes)		INT 14
HH099	Net income (total income from all sources including non-monetary components minus income taxes)	$HH099 = HH095 + HH012 + HH023 + HH032$	INT 14

2.1.3. [HI] Main source of the household's income

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 Stated	CHA 1
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HI12	Main source of income (primary / secondary)	1 primary (HI11 = 1, 2, 3) 2 secondary (HI11 = 4, 5, 6) 9 Not Stated (HI11 = 9)	CHA 1
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2.1.4. [HE] Household's consumption expenditure

Household's consumption expenditure will be supplied broken down by the **ECOICOP** 5-Digit classification (4 levels with up to 5-digit codes).

The List of HE variables are in [Annex 1](#).

Note: All identifiers have the same numeric Format of: INT 14

The Expenditure variables reported to Eurostat should be annualised (temporal weighting); the weighting of the sample is provided separately (HA10) to be applied by Eurostat.

In order to be able to give a more complete overview of the structure of consumption, in particular in the food sector and the area of benefits-in-kind, consumption expenditure is to be classified into two categories. Each of them indicated by a different suffix which is added to the original HExx identifier:

“A” = expenditure effected in monetary form

“B” = expenditure effected in non-monetary form

So, for example: **HE00 = HE00A + HE00B**

It is important in the micro-data files to make clear the distinction between the expenditure items the households declined to report and those for which zero expenditure was reported, during the reference period.

Eurostat recommends that

- a '0' is to be used for any expenditure categories for which the Household reported *zero* expenditure during the reference period, and
- a '.' (a dot) for categories that the Household declined to provide any value for (i.e. the value is missing).

2.1.5. [HJ] Cross border consumption expenditure

These variables concern the part of the household's consumption expenditure effected abroad.

Note: All identifiers have the same Format of : **INT 14**

HJ00	Total consumption expenditure effected abroad	HJ01+HJ02+HJ03+HJ04+HJ05+HJ06+HJ07+HJ08+HJ09+HJ10+HJ11+HJ12
HJ01	Food and non-alcoholic beverages	
HJ02	Alcoholic beverages, tobacco and narcotics	
HJ03	Clothing and footwear	
HJ04	Housing, water, electricity, gas and other fuels	
HJ05	Furnishings, household equipment and routine household maintenance	
HJ06	Health	
HJ07	Transport	
HJ08	Communication	
HJ09	Recreation, and culture	
HJ10	Education	
HJ11	Restaurants and hotels	
HJ12	Miscellaneous goods and services	
HJ90	Consumption expenditure on travelling and holidays abroad	

Unlike for the variables HExx, we propose to register the cross-border consumption expenditure made only in monetary form. Moreover, the proposed level of detail is only by **ECOICOP division** (i.e. 2-digit). For those countries with small proportions of cross-border consumption expenditure at an aggregated level, collecting only the variables HJ00 and HJ90 is acceptable.

2.1.6. [HQ] Household's consumption in Quantities

Household's consumption in Quantities will be based on the **ECOICOP** 5-Digit. The prefix of 'HE' in the variable names will be replaced by 'HQ'.

The List of HQ variables are in [Annex 2](#).

The Quantity variables reported to Eurostat should be **annualised** (temporal weighting); the weighting of the sample is provided separately (HA10) to be applied by Eurostat.

Note: All identifiers have the same numeric Format of : DEC 16.1

Note: The Measurement Unit to be used are:

- | | |
|----------------------|---------|
| - Solids | - kg |
| - Liquids/non-Solids | - litre |
| - Eggs | - Unit |

File format and name

File format: SAS or TSV (Tab-Separated Values) file format may be used

File names: “hh_food.sas7bdat” or “hh_food_tsv.txt”

Format of file contents:

The columns should contain the variables (one variable per column) and one row should refer to one household

In case of TSV format, the first row of the file will contain the names of the variables.

Documentation

Eurostat would like to receive in a separate Meta-Data documentation file, the following information:

- the list of **ECOICOP** 5-DIGIT headings where the food products used in the national survey deviates from the list of recommended food products listed in Annex 2, including the differences between the recommended list of products.
- Measurement units (kg, litre, unit) used to record the quantities of food products and beverages.

2.2. Derived variables at household level

These variables are calculated from the basic variables or from other derived variables, either at household or individual member level.

2.2.1. [HB] Household size and equivalent size

HB05A	Household size [SV]	01-22 Total number of members in the household 99 = Not Stated	INT 2
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Calculation rule: HB05 = Sum of household members.

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 5.1
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This variable 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 scale consists of allocating the following weightings to persons in the calculation of the "equivalent household's size".

- first adult in the household = 1.0
- each adult thereafter (aged over 13) = 0.7
- each child (13 or under) = 0.5

Calculation rule: $HB061 = 0.3 + (0.7*A) + (0.5*B)$

A = Sum of household members where MB03 > 13

B = Sum of household members where MB03 < 14

(Please note that the first adult of the household counts as 1 because of the addition of the constant term 0.3, assuming that each household must have at least one adult).

HB062	Equivalent size (modified OECD scale)	01-xx,x	DEC 5.1
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The modified scale was developed on the basis of the argument that the original scale of the OECD gave relatively too much weight to additional persons.

- first adult in the household = 1.0
- each adult thereafter (aged over 13) = 0.5
- each child (13 or under) = 0.3

Calculation rule: $HB062 = 0.5 + (0.5*A) + (0.3*B)$

A = Sum of household members where MB03 > 13

B = Sum of household members where MB03 < 14

(Please note that the first adult of the household counts as 1 because of the addition of the constant term 0.5, assuming that each household must have at least one adult).

2.2.2. Type of household

HB074	HBS Household Type (Age limit for children set at 16 years of age) <i>HBS-specific Variable to facilitate longitudinal comparisons across HBS Waves</i>	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 [SV]	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 9 Not Stated	CHA 1
HB0761	Number of persons aged 16-64 in the household who are working.	0-XX	INT 2
HB0762	Number of persons aged 16-64 in the household who are unemployed or who are economically inactive	0-XX	INT 2

2.2.3. [HC] [HD] Activity and economic situation

The variables on activity and economic situation of the household also have a special importance as they make it possible to categorise the households according to characteristics leading to different consumption expenditure behaviour.

HC23A	<p>Main activity status of Reference Person (self-defined) [SV]</p> <p>Previously known in the HBS as 'Current activity status of household member'</p>	<p>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</p> <p>{Note: The 'Z' represents a leading Zero}</p>	CHA 2
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HC24	Socio-economic situation of reference person (aggregated classification)	<p>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 99 Not Stated 88 Not Applicable (legal age to work not attained)</p> <p>{Note: The 'Z' represents a leading Zero}</p>	CHA 2
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HD01	<p>Household Tenure Status [SV]</p> <p>Remark: Otherwise known as <i>Tenure Type</i>.</p>	<p>1 Owner without outstanding mortgage 2 Owner with outstanding mortgage 3 Tenant renting at market price 4 Tenant renting at reduced price 5 Tenant paying no rent 9 Not Stated 8 Not Applicable</p>	CHA 1
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HD20	Number of members economically active	<p>0 1 2 3 4 5 or more</p>	CHA 1
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HD20 is calculated by counting the number of persons in the household who are active (ME01A=Z1 or Z2).

2.3. Basic variables at member level

The following variables give information about single household members.

2.3.1. [MA] Identification, weighting, demographic characteristics

MA04A	Identification number of the household		CHA 13
MA05A	Line number of the member of household	Z1, Z2, Z3,Z4,Z5,Z6,Z7,Z8,Z9 ... -> 22 99 Not Stated { Note: The 'Z' represents a leading Zero }	CHA 2

Each member of the household is identified by a line number starting with the first member as '01'. The maximum has been set arbitrarily at 22, in order to take into account extreme situations, but it is more plausible that the sizes are much smaller.

2.3.2. [MB] Basic demographic characteristics of household members

MB01A	Country of Birth [SV]	Country Code from the ISO-3166-Alpha-2 classification 77 Foreign-born but country of birth unknown 99 Not Stated 88 Not Applicable	CHA 2
MB011A	Country of Main Citizenship [SV]	Country Code from the ISO-3166-Alpha-2 classification 66 Stateless 77 Foreign-born but country of birth unknown 99 Not Stated 88 Not Applicable	CHA 2
MB012A	Country of Residence [SV]	Country Code from the ISO-3166-Alpha-2 classification	CHA 2
MB01F	Country of Birth of Father [SV]	Country Code from the ISO-3166-Alpha-2 classification 77 Father foreign-born but country of birth of the father unknown 99 Not Stated 88 Not Applicable	CHA 2

MB01M	Country of Birth of Mother [SV]	Country Code from the ISO-3166-Alpha-2 classification 77 Mother foreign-born but country of birth of the mother unknown 99 Not Stated 88 Not Applicable	CHA 2
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MB02	Sex of household member [SV]	1 Male 2 Female	CHA 1
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MB03	Age (in completed years) of household member <i>HBS-specific Variable</i>	Z0, Z1, Z2, Z3 , Z4, Z5, Z6, Z7, Z8, Z9 => 98 (98 years or over) 99 Not Stated { Note: The 'Z' represents a leading Zero }	CHA 2
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MB03A	Year Of Birth (4 digits) [SV]	YYYY	CHA 4
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MB03B	Passing of birthday on the date of the first interview?? [SV]	1 Yes 2 No	CHA 1
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MB03C	Date of First Interview? [SV]	DD/MM/YYYY	CHA 10
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MB04	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) 4 Divorced or with registered partnership that was legally dissolved (not remarried or in new registered partnership) 9 Not Stated	CHA 1
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MB042	Partners living in the same household [SV] Previously known in the HBS as Consensual union of household member'	1 Person living with a legal or de facto partner ¹ 2 Person not living with a legal or de facto partner ¹ 8 Not Applicable 9 Not Stated	CHA 1
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1)Husband/wife/civil partner/partner/cohabitee

MBGRIDXX	Household Grid [SV]	10 Partner (Lo) 11 Husband/wife/civil partner (Hi) 12 Partner/cohabitee(Hi) 20 Son/daughter (Lo) 21 Natural/Adopted son/daughter (Hi) 22 Step-son/step-daughter (Hi) 30 Son-in-law/daughter-in-law (Lo; Hi) 40 Grandchild (Lo; Hi) 50 Parent(Lo) 51 Natural/adoptive parent (Hi) 52 Step-parent (Hi) 60 Parent in law (Lo; Hi) 70 Grandparent (Lo; Hi) 80 Brother/Sister (Lo) 81 Natural brother/sister (Hi) 82 Step-brother/Sister (Hi) 90 Other relative (Lo; Hi) 95 Other non-relative (Lo; Hi) 99 Not Stated (Lo; Hi) 88 Not applicable (one person household) 77 Not applicable (number of household members less than 22)	CHA 2
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Legend: Hi=High Level of detail Lo=Low Level of detail

These variables collect information about the composition of private households and the intra-household relationships between the household members.

The household grid is a matrix in which each row and column corresponds to one member of the household, and where the relationship between the members is indicated by the standard categories in the cells where the row and column of the respective members are crossed. The matrix representation of the data allows a variety of information for dissemination and research purposes, including the intra-household relationships, household type, household size, partner relationships between household members (legal or de facto), and (together with the variable 'Age') the composition of the household by age.

The matrix being symmetric (e.g. if member 1 is son of member 2 then member 2 is father/mother of member 1) and the diagonal (that relates each member with herself/himself) being neutralised, information for only one half of the matrix (minus the diagonal) needs to be available in order to provide the full information. In practice however, collecting the full set of relations might be easier to avoid errors.

The suffix XX corresponds to the line number of the Household Member (MA05A) and it aids in the construction of the household grid matrix.

To ensure equal length of the data file across all countries, countries are asked to transmit household grid variables with exactly 22 entries (columns). To be compatible with EU-SILC.

The variables should be transmitted to Eurostat in the Household Member dataset.

Example of how the household grid might be collected:

		Relationship matrix													
Line No	Name														
		MA05A	1	2	3	4	5	6	7	8	9	22	
1	John	1													
2	Jane	2													
3	Nick	3													
4	Bill	4													
5	Alice	5													
6	Lucy	6													
1	Henry	1													
2	Anne	2													
3	Lisa	3													

In the example above, **these relationships should be recorded:**

in row 2 column 1 that of Jane to John,
 in row 3 column 1 that of Nick to John,
 in row 3 column 2 that of Nick to Jane,
 in row 4 column 1 that of Bill to John,
 in row 4 column 2 that of Bill to Jane,
 in row 4 column 3 that of Bill to Nick,
 in row 5 column 1 that of Alice to John,
 in row 5 column 2 that of Alice to Jane,
 in row 5 column 3 that of Alice to Nick,
 in row 5 column 4 that of Alice to Bill,
 in row 6 column 1 that of Lucy to John,
 in row 6 column 2 that of Lucy to Jane,
 in row 6 column 3 that of Lucy to Nick,
 in row 6 column 4 that of Lucy to Bill,
 in row 6 column 5 that of Lucy to Alice.

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 Stated	CHA 1
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This variable is re-used in the construction of the type of household. It aims primarily at demonstrating immediate (nuclear) family relationships. In this case too, it is the 'de facto' situation which should be recorded. Thus an adopted child will be coded '3' rather than '5'.

Note: The Eurostat Definition of the Reference Person is the following:

"The household member who contributes most to the Household consumption budget."

If, at a National level a different definition is used, please provide us with a short explanation in the accompanying Meta-data.

2.3.3. [MC] Education

MC01A	<p>Highest Educational Attainment Level (ISCED 2011) [SV]³</p> <p><i>Previously known in the HBS as ' Level of studies completed by the household member'</i></p>	<p>10 No formal education or below ISCED 1</p> <p>Z1 ISCED 1 Primary education</p> <p>Z2 ISCED 2 Lower secondary education</p> <p>Z3 ISCED 3 Upper secondary education</p> <p>Z4 ISCED 4 Post-secondary non-tertiary education</p> <p>Z5 ISCED 5 Short cycle tertiary education</p> <p>Z6 ISCED 6 Bachelor or equivalent level</p> <p>Z7 ISCED 7 Master or equivalent level</p> <p>Z8 ISCED 8 Doctorate or equivalent level</p> <p>99 Not Stated</p> <p>88 Not Applicable</p>	CHA 2
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MC02A	<p>Participation in formal education and training (student or apprentice) in <reference period> [SV]</p>	<p>1 Yes</p> <p>2 No</p> <p>9 Not Stated</p> <p>8 Not Applicable</p>	CHA 1
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MC02B	<p>Level of the current/most recent formal education or training activity (ISCED 2011)⁴ [SV]</p> <p><i>Previously known in the HBS as ' Level of studies currently being followed by the household member'</i></p>	<p>10 Early childhood education</p> <p>Z1 ISCED 1 Primary education</p> <p>Z2 ISCED 2 Lower secondary education</p> <p>Z3 ISCED 3 Upper secondary education</p> <p>Z4 ISCED 4 Post-secondary non-tertiary education</p> <p>Z5 ISCED 5 Short cycle tertiary education</p> <p>Z6 ISCED 6 Bachelor or equivalent level</p> <p>Z7 ISCED 7 Master or equivalent level</p> <p>Z8 ISCED 8 Doctorate or equivalent level</p> <p>99 Not Stated</p> <p>88 Not Applicable</p>	CHA 2
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³ Please note that in its coding of education programmes (ISCED-P), ISCED 2011 contains a special category for levels 2 to 8: 'insufficient for level completion'. (This category also includes 'insufficient for partial level completion' for levels 2 and 3). The educational attainment level associated with successful completion of programmes 'insufficient for level completion' should be classified as ISCED level X-1, even if there are no programmes at level X-1 in that country. For example, the educational attainment level associated with a vocational ISCED level 3 programme classified as insufficient for level/partial level completion (ISCED-P 351) is classified as ISCED-A 254.

⁴ Please see footnote above

2.3.4. [ME] Activity

<p>ME01A</p>	<p>Main activity status (self-defined) [SV] <i>Previously known in the HBS as 'Current activity status of household member'</i></p>	<p>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 Z8 Not Applicable {Note: The 'Z' represents a leading Zero}</p>	<p>CHA 2</p>
<p>ME02</p>	<p>Main Job: Full- or Part-time (self-defined) [SV] <i>Previously known in the HBS as 'Hours Worked'</i></p>	<p>1 Full time 2 Part time 9 Not Stated 8 Not Applicable</p>	<p>CHA 1</p>
<p>ME03A</p>	<p>Permanency of Main Job [SV] <i>Previously known in the HBS as 'Type of work contract for the household member'</i></p>	<p>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</p>	<p>CHA 2</p>

ME04	<p>Economic activity of the local unit (main job) [SV] (reflecting NACE rev 2)</p> <p><i>Previously known in the HBS as 'Economic sector in Employment of household member'</i></p>	<p>A Agriculture, forestry and fishing</p> <p>B Mining and quarrying</p> <p>C Manufacturing</p> <p>D Electricity, gas, steam and air conditioning supply</p> <p>E Water supply; sewerage, waste management and remediation activities</p> <p>F Construction</p> <p>G Wholesale and retail trade; repair of motor vehicles and motorcycles</p> <p>H Transportation and storage</p> <p>I Accommodation and food service activities</p> <p>J Information and communication</p> <p>K Financial and insurance activities</p> <p>L Real estate activities</p> <p>M Professional, scientific and technical activities</p> <p>N Administrative and support service activities</p> <p>O Public administration and defence; compulsory social security</p> <p>P Education</p> <p>Q Human health and social work activities</p> <p>R Arts, entertainment and recreation</p> <p>S Other service activities</p> <p>T Activities of households as employers; undifferentiated goods - and services - producing activities of households for own use</p> <p>U Activities of extraterritorial organisations and Bodies</p> <p>8 Not Applicable</p> <p>9 Not Stated</p>	CHA 1
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ME0908	Occupation in Main Job (ISCO08) [SV]	Z1 Commissioned armed forces officers Z2 Non-commissioned armed forces officers Z3 Armed forces occupations, other ranks 11 Chief executives, senior officials and legislators 12 Administrative and commercial managers 13 Production and specialized services managers 14 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 99 Not Stated 98 Not Applicable { Note: The 'Z' represents a leading Zero }	CHA 2
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ME12A	Status in Employment in Main Job [SV]	1 Self-employed person with employees 2 Self-employed person without employees 3 Employee 4 Unpaid Family worker 9 Not Stated 8 Not Applicable	CHA 1
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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 Stated	CHA 1
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Despite the difficulties encountered in earlier Waves of the surveys, the distinction between employees in the public sector and in the private sector has been preserved owing to the differences in consumption behaviour and in income level that membership of one or the other sector could have. This variable is used to construct the socio-economic situation of the individuals (ME14).

2.3.5. [MF] Income

The following remarks refer to the transfer of data on income:

In countries where it is not possible to obtain very detailed information, the minimum objective is to provide Eurostat with the net disposable income of the household (HH09.9) by including its different components such as they are defined in chapter 6. However in the long term, it is desirable to provide the detail requested by Eurostat.

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.

The Income variables (HH012, HH023, HH032, HH095, HH099 and MF099) reported to Eurostat should be **annualised** (temporal weighting); the weighting of the sample is provided separately (HA10) to be applied by Eurostat.

The incomes of the household (HH) as well as the principal source of income (HI) could be regarded as derived variables insofar as their calculation does not pose any particular problem if the detail of the individual incomes is indicated correctly.

Nevertheless, as this has not been the case in previous Waves of the surveys in all Member States, it is preferable to classify them as part of the basic variables.

Total income

MF099	Total income from all sources (net amount) corresponding to each single member of the family	This variable does not include any household allowances	INT 14
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2.4. Determination of owner-occupied imputed rent (IR)

In order to determine imputed rent (IR) for owner-occupied dwellings, countries are asked to follow the recommendations contained in Commission Regulation (EC) 1722/2005 dated October 2005.

<https://eur-lex.europa.eu/legal-content/EN/ALL/?uri=CELEX:32005R1722>

3. PROPOSED FORMAT FOR THE TRANSMISSION OF MICRO-DATA FILES

3.1. Convention for denoting FORMAT

Explanation of the codes in the “FORMAT” column:

CHA X	String of X alphanumeric characters e.g.: CHAR 4 means that we can have strings up to 4 characters
INT X	Integer values (X = number of positions) e.g.: INT 1 means that we can have numbers from 0 up to 9 INT 4 means that we can have numbers from 0 up to 9999
DEC X.Y	Decimal values (X = number of positions for the integer part; Y = number of positions for the decimal part) Plus 2 for the sign and decimal point. e.g.: DEC 7.2 means that we can have numbers from 0.0 up to 99999.99

Note: Eurostat suggests that a Character Format (CHA) is used for all variables containing 'Modalities', i.e. lists of Codes, especially those containing Codes with a leading zero, currently represented by 'Z'. This CHA format corresponds to the \$n. format in SAS.

3.2. Proposed format

We propose to standardise the file format for the transmission of the HBS micro-data to Eurostat.

File format: SAS or TSV file format may be used

File names: “hh_basic.sas7bdat” or “hh_basic.tsv” for the basic variables at household level

“hm_basic.sas7bdat” or “hm_basic.tsv” for the basic variables at household member level

“derived.sas7bdat” or “derived.tsv” for the derived variables.

Format of file contents:

The columns should contain the variables (one variable per column) and one row should refer to one household

In case of text files, the first row of the file will contain the names of the variables and the second row will contain 000000 for Numeric Variables and "CHARACTER" for the others.

Since SAS does not allow dots within identifiers, dots/underscores will be removed from the variable names proposed in this list, when imported into the Eurostat HBS IT System (e.g. the variable HH09.9 will be identified as HH099 in SAS).

3.3. Standard nomenclatures and classifications

Eurostat expects to receive data based on the most recent versions of the standard classifications as summarised in this table:

CLASSIFICATION	DESCRIPTION
ECOICOP 5-DIGIT 2013	Household Consumption Expenditure
NUTS 2016 (level 2)	Territorial units and regions
ISCED-2011	Education level
ISCO08	Occupation
ISO 3166-1-alpha-2	SCL (Standard Code List) GEO Alpha-2 Code List
NACE rev 2	Economic Sector in Employment

Information about all of these nomenclatures may be found in RAMON, Eurostat's classification server:
http://ec.europa.eu/eurostat/ramon/nomenclatures/index.cfm?TargetUrl=LST_NOM&StrGroupCode=CLASSIFIC&StrLanguageCode=EN

4. DATA TRANSMISSION PROCEDURE

EDAMIS should be used to electronically transmit datasets to Eurostat.

The EDAMIS web portal may be found here:

https://webgate.ec.europa.eu/edamis/login/index.cfm?TargetUrl=disp_login

5. DOCUMENTATION

Eurostat would like to receive in a separate documentation the following information:

- the list of **ECOICOP 5-DIGIT** headings where the food products used in the national survey deviates from the list of food products, including any differences between the recommended list of products.
- Countries are requested to enter the full range of National Survey Meta-data into the ESS Metadata Handler: [<https://webgate.ec.europa.eu/estat/spe/metaconv/>].
- Countries should include in their data transmission the following harmonized Meta-data:

Table 1: Overall information

Title of the survey	Name of the household budget survey used at national level
Reference years	Reference year of the HBS data as collected by the countries. In case HBS data pertaining to several years are provided, a range of years must be reported
Frequency	Frequency at which HBS is conducted at national level: continuous, annual, every five years or other
Achieved sample size	Total number of households which were successfully surveyed (interviews+diaries)
EUR/NAC conversion factor	For the euro area countries, the rate is 1. Otherwise, HBS data on income and expenditure are collected in NAC and has to be converted into Euro for dissemination at Eurostat level by applying a conversion factor
NAC/PPS conversion factor	Since most of the HBS expenditure aggregates are expressed in PPS, a NAC/PPS conversion factor must be applied to the expenditure data

Table 2: Summary of Main Classifications, actually used

PROPOSED CLASSIFICATIONS	If the Classification used is different from the proposed one, please indicate which one
ECOICOP 5-DIGIT 2013	
NUTS 2016 (Level 2)	
ISCED-2011	
ISCO08	
ISO 3166-1-alpha-2	
NACE rev 2	

Table 3: Net HH income Summary Stats: comparison of HBS and EU-SILC

	HBS	EU-SILC (EU Statistics on Income and Living Conditions)
Mean		
Min		
Max		
Median		
CV (%)		

Table 4: Population distribution by age group & gender / HBS vs EUSILC & LFS

Age Groups	HBS	EU-SILC (EU Statistics on Income and Living Conditions)	LFS (Labour Force Survey)
TOTAL			
Y_LT30			
Y30-44			
Y45-59			
Y_GE60			

Table 5. Estimated standard error, CIs and DEFF

Indicator	Achieved Sample size	Estimated value	Estimated coefficient of variation (%)	95% Confidence	95% Confidence	Estimated
				interval – lower bound	interval – upper bound	design effect (Deff)
Mean total household consumption expenditure broken down by:						
Two-digit COICOP divisions						
HE00						
HE01						
HE02						
HE03						
HE04						
HE05						
HE06						
HE07						
HE08						
HE09						
HE10						
HE11						
HE12						
Age of household's reference person						
less than 30						
30-44						
45-59						
60+ years						
Household type						
single person						
two adults						
three adults and more						
Single parent with dependent children						
two adults with dependent children						
>= 3 adults with dependent children						
Socio-economic category of the reference person						
Manual worker except agriculture						
Non-manual worker except agriculture						
Self-employed person and farmer or agricultural worker						
Unemployed						
Retired						
Other inactive						

Annexes

Annex 1: **ECOICOP 2013 5-Digit**

The classification has 4 levels.

Level	Label	Digit
1	Division	2-digits
2	Group	3-digits
3	Class	4-digits
4	Sub-class	5-digits

VARIABLE	VARIABLE_LABEL
HE00	ALL-ITEMS
HE01	FOOD AND NON-ALCOHOLIC BEVERAGES
HE011	Food
HE0111	Bread and cereals
HE01111	Rice
HE01112	Flours and other cereals
HE01113	Bread
HE01114	Other bakery products
HE01115	Pizza and quiche
HE01116	Pasta products and couscous
HE01117	Breakfast cereals
HE01118	Other cereal products
HE0112	Meat
HE01121	Beef and veal
HE01122	Pork
HE01123	Lamb and goat
HE01124	Poultry
HE01125	Other meats
HE01126	Edible offal
HE01127	Dried_ salted or smoked meat
HE01128	Other meat preparations
HE0113	Fish and seafood
HE01131	Fresh or chilled fish
HE01132	Frozen fish
HE01133	Fresh or chilled seafood
HE01134	Frozen seafood
HE01135	Dried_ smoked or salted fish and seafood
HE01136	Other preserved or processed fish and seafood-based preparations
HE0114	Milk_ cheese and eggs
HE01141	Milk_ whole_ fresh
HE01142	Milk_ low fat_ fresh
HE01143	Milk_ preserved
HE01144	Yoghurt
HE01145	Cheese and curd

HE01146	Other milk products
HE01147	Eggs
HE0115	Oils and fats
HE01151	Butter
HE01152	Margarine and other vegetable fats
HE01153	Olive oil
HE01154	Other edible oils
HE01155	Other edible animal fats
HE0116	Fruit
HE01161	Fresh or chilled fruit
HE01162	Frozen fruit
HE01163	Dried fruit and nuts
HE01164	Preserved fruit and fruit-based products
HE0117	Vegetables
HE01171	Fresh or chilled vegetables other than potatoes and other tubers
HE01172	Frozen vegetables other than potatoes and other tubers
HE01173	Dried vegetables_ other preserved or processed vegetables
HE01174	Potatoes
HE01175	Crisps
HE01176	Other tubers and products of tuber vegetables
HE0118	Sugar_ jam_ honey_ chocolate and confectionery
HE01181	Sugar
HE01182	Jams_ marmalades and honey
HE01183	Chocolate
HE01184	Confectionery products
HE01185	Edible ices and ice cream
HE01186	Artificial sugar substitutes
HE0119	Food products NEC
HE01191	Sauces_ condiments
HE01192	Salt_ spices and culinary herbs
HE01193	Baby food
HE01194	Ready-made meals
HE01199	Other food products NEC
HE012	Non-alcoholic beverages
HE0121	Coffee_ tea and cocoa
HE01211	Coffee
HE01212	Tea
HE01213	Cocoa and powdered chocolate
HE0122	Mineral waters_ soft drinks_ fruit and vegetable juices
HE01221	Mineral or spring waters
HE01222	Soft drinks
HE01223	Fruit and vegetable juices
HE02	ALCOHOLIC BEVERAGES_ TOBACCO AND NARCOTICS
HE021	Alcoholic beverages
HE0211	Spirits
HE02111	Spirits and liqueurs
HE02112	Alcoholic soft drinks
HE0212	Wine
HE02121	Wine from grapes

HE02122	Wine from other fruits
HE02123	Fortified wines
HE02124	Wine-based drinks
HE0213	Beer
HE02131	Lager beer
HE02132	Other alcoholic beer
HE02133	Low and non-alcoholic beer
HE02134	Beer-based drinks
HE022	Tobacco
HE0220	Tobacco
HE02201	Cigarettes
HE02202	Cigars
HE02203	Other tobacco products
HE023	Narcotics
HE0230	Narcotics
HE02300	Narcotics
HE03	CLOTHING AND FOOTWEAR
HE031	Clothing
HE0311	Clothing materials
HE03110	Clothing materials
HE0312	Garments
HE03121	Garments for men
HE03122	Garments for women
HE03123	Garments_For_Infants-0-to-2-years_and_children-3-to-13-years
HE0313	Other articles of clothing and clothing accessories
HE03131	Other articles of clothing
HE03132	Clothing accessories
HE0314	Cleaning_ repair and hire of clothing
HE03141	Cleaning of clothing
HE03142	Repair and hire of clothing
HE032	Footwear
HE0321	Shoes and other footwear
HE03211	Footwear for men
HE03212	Footwear for women
HE03213	Footwear for infants and children
HE0322	Repair and hire of footwear
HE03220	Repair and hire of footwear
HE04	HOUSING_ WATER_ ELECTRICITY_ GAS AND OTHER FUELS
HE041	Actual rentals for housing
HE0411	Actual rentals paid by tenants
HE04110	Actual rentals paid by tenants
HE0412	Other actual rentals
HE04121	Actual rentals paid by tenants for secondary residences
HE04122	Garage rentals and other rentals paid by tenants
HE042	Imputed rentals for housing
HE0421	Imputed rentals of owner-occupiers
HE04210	Imputed rentals of owner-occupiers
HE0422	Other imputed rentals
HE04220	Other imputed rentals

HE043	Maintenance and repair of the dwelling
HE0431	Materials for the maintenance and repair of the dwelling
HE04310	Materials for the maintenance and repair of the dwelling
HE0432	Services for the maintenance and repair of the dwelling
HE04321	Services of plumbers
HE04322	Services of electricians
HE04323	Maintenance services for heating systems
HE04324	Services of painters
HE04325	Services of carpenters
HE04329	Other services for maintenance and repair of the dwelling
HE044	Water supply and miscellaneous services relating to the dwelling
HE0441	Water supply
HE04410	Water supply
HE0442	Refuse collection
HE04420	Refuse collection
HE0443	Sewage collection
HE04430	Sewage collection
HE0444	Other services relating to the dwelling NEC
HE04441	Maintenance charges in multi-occupied buildings
HE04442	Security services
HE04449	Other services related to dwelling
HE045	Electricity_ gas and other fuels
HE0451	Electricity
HE04510	Electricity
HE0452	Gas
HE04521	Natural gas and town gas
HE04522	Liquefied_Hydrocarbons-butane-propane-etc
HE0453	Liquid fuels
HE04530	Liquid fuels
HE0454	Solid fuels
HE04541	Coal
HE04549	Other solid fuels
HE0455	Heat energy
HE04550	Heat energy
HE05	FURNISHINGS_ HOUSEHOLD EQUIPMENT AND ROUTINE HOUSEHOLD MAINTENANCE
HE051	Furniture and furnishings_ carpets and other floor coverings
HE0511	Furniture and furnishings
HE05111	Household furniture
HE05112	Garden furniture
HE05113	Lighting equipment
HE05119	Other furniture and furnishings
HE0512	Carpets and other floor coverings
HE05121	Carpets and rugs
HE05122	Other floor coverings
HE05123	Services of laying of fitted carpets and floor coverings
HE0513	Repair of furniture_ furnishings and floor coverings
HE05130	Repair of furniture_ furnishings and floor coverings
HE052	Household textiles
HE0520	Household textiles

HE05201	Furnishing fabrics and curtains
HE05202	Bed linen
HE05203	Table linen and bathroom linen
HE05204	Repair of household textiles
HE05209	Other household textiles
HE053	Household appliances
HE0531	Major household appliances whether electric or not
HE05311	Refrigerators_ freezers and fridge-freezers
HE05312	Clothes washing machines_ clothes drying machines and dish washing machines
HE05313	Cookers
HE05314	Heaters_ air conditioners
HE05315	Cleaning equipment
HE05319	Other major household appliances
HE0532	Small electric household appliances
HE05321	Food processing appliances
HE05322	Coffee machines_ tea makers and similar appliances
HE05323	Irons
HE05324	Toasters and grills
HE05329	Other small electric household appliances
HE0533	Repair of household appliances
HE05330	Repair of household appliances
HE054	Glassware_ tableware and household utensils
HE0540	Glassware_ tableware and household utensils
HE05401	Glassware_ crystal-ware_ ceramic ware and chinaware
HE05402	Cutlery_ flatware and silverware
HE05403	Non-electric kitchen utensils and articles
HE05404	Repair of glassware_ tableware and household utensils
HE055	Tools and equipment for house and garden
HE0551	Major tools and equipment
HE05511	Motorized major tools and equipment
HE05512	Repair_ leasing and rental of major tools and equipment
HE0552	Small tools and miscellaneous accessories
HE05521	Non-motorized small tools
HE05522	Miscellaneous small tool accessories
HE05523	Repair of non-motorized small tools and miscellaneous accessories
HE056	Goods and services for routine household maintenance
HE0561	Non-durable household goods
HE05611	Cleaning and maintenance products
HE05612	Other non-durable small household articles
HE0562	Domestic services and household services
HE05621	Domestic services by paid staff
HE05622	Cleaning services
HE05623	Hire of furniture and furnishings
HE05629	Other domestic services and household services
HE06	HEALTH
HE061	Medical products_ appliances and equipment
HE0611	Pharmaceutical products
HE06110	Pharmaceutical products
HE0612	Other medical products

HE06121	Pregnancy tests and mechanical contraceptive devices
HE06129	Other medical products NEC
HE0613	Therapeutic appliances and equipment
HE06131	Corrective eye-glasses and contact lenses
HE06132	Hearing aids
HE06133	Repair of therapeutic appliances and equipment
HE06139	Other therapeutic appliances and equipment
HE062	Out-patient services
HE0621	Medical services
HE06211	General practice
HE06212	Specialist practice
HE0622	Dental services
HE06220	Dental services
HE0623	Paramedical services
HE06231	Services of medical analysis laboratories and X-ray centres
HE06232	Thermal-baths_ corrective-gymnastic therapy_ ambulance services and hire of therapeutic equipment
HE06239	Other paramedical services
HE063	Hospital services
HE0630	Hospital services
HE06300	Hospital services
HE07	TRANSPORT
HE071	Purchase of vehicles
HE0711	Motor cars
HE07111	New motor cars
HE07112	Second-hand motor cars
HE0712	Motor cycles
HE07120	Motor cycles
HE0713	Bicycles
HE07130	Bicycles
HE0714	Animal drawn vehicles
HE07140	Animal drawn vehicles
HE072	Operation of personal transport equipment
HE0721	Spare parts and accessories for personal transport equipment
HE07211	Tyres
HE07212	Spare parts for personal transport equipment
HE07213	Accessories for personal transport equipment
HE0722	Fuels and lubricants for personal transport equipment
HE07221	Diesel
HE07222	Petrol
HE07223	Other fuels for personal transport equipment
HE07224	Lubricants
HE0723	Maintenance and repair of personal transport equipment
HE07230	Maintenance and repair of personal transport equipment
HE0724	Other services in respect of personal transport equipment
HE07241	Hire of garages_ parking spaces and personal transport equipment
HE07242	Toll facilities and parking meters
HE07243	Driving lessons_ tests_ licences and road worthiness tests
HE073	Transport services

HE0731	Passenger transport by railway
HE07311	Passenger transport by train
HE07312	Passenger transport by underground and tram
HE0732	Passenger transport by road
HE07321	Passenger transport by bus and coach
HE07322	Passenger transport by taxi and hired car with driver
HE0733	Passenger transport by air
HE07331	Domestic flights
HE07332	International flights
HE0734	Passenger transport by sea and inland waterway
HE07341	Passenger transport by sea
HE07342	Passenger transport by inland waterway
HE0735	Combined passenger transport
HE07350	Combined passenger transport
HE0736	Other purchased transport services
HE07361	Funicular_ cable-car and chair-lift transport
HE07362	Removal and storage services
HE07369	Other purchased transport services NEC
HE08	COMMUNICATION
HE081	Postal services
HE0810	Postal services
HE08101	Letter handling services
HE08109	Other postal services
HE082	Telephone and telefax equipment
HE0820	Telephone and telefax equipment
HE08201	Fixed telephone equipment
HE08202	Mobile telephone equipment
HE08203	Other equipment of telephone and telefax equipment
HE08204	Repair of telephone or telefax equipment
HE083	Telephone and telefax services
HE0830	Telephone and telefax services
HE08301	Wired telephone services
HE08302	Wireless telephone services
HE08303	Internet access provision services
HE08304	Bundled telecommunication services
HE08305	Other information transmission services
HE09	RECREATION AND CULTURE
HE091	Audio-visual_ photographic and information processing equipment
HE0911	Equipment for the reception_ recording and reproduction of sound and picture
HE09111	Equipment for the reception_ recording and reproduction of sound
HE09112	Equipment for the reception_ recording and reproduction of sound and vision
HE09113	Portable sound and vision devices
HE09119	Other equipment for the reception_ recording and reproduction of sound and picture
HE0912	Photographic and cinematographic equipment and optical instruments
HE09121	Cameras
HE09122	Accessories for photographic and cinematographic equipment
HE09123	Optical instruments
HE0913	Information processing equipment
HE09131	Personal computers

HE09132	Accessories for information processing equipment
HE09133	Software
HE09134	Calculators and other information processing equipment
HE0914	Recording media
HE09141	Pre-recorded recording media
HE09142	Unrecorded recording media
HE09149	Other recording media
HE0915	Repair of audio-visual_ photographic and information processing equipment
HE09150	Repair of audio-visual_ photographic and information processing equipment
HE092	Other major durables for recreation and culture
HE0921	Major durables for outdoor recreation
HE09211	Camper vans_ caravans and trailers
HE09212	Aeroplanes_ microlight aircraft_ gliders_ hang-gliders and hot-air balloons
HE09213	Boats_ outboard motors and fitting out of boats
HE09214	Horses_ ponies and accessories
HE09215	Major items for games and sport
HE0922	Musical instruments and major durables for indoor recreation
HE09221	Musical instruments
HE09222	Major durables for indoor recreation
HE0923	Maintenance and repair of other major durables for recreation and culture
HE09230	Maintenance and repair of other major durables for recreation and culture
HE093	Other recreational items and equipment_ gardens and pets
HE0931	Games_ toys and hobbies
HE09311	Games and hobbies
HE09312	Toys and celebration articles
HE0932	Equipment for sport_ camping and open-air recreation
HE09321	Equipment for sport
HE09322	Equipment for camping and open-air recreation
HE09323	Repair of equipment for sport_ camping and open-air recreation
HE0933	Gardens_ plants and flowers
HE09331	Garden products
HE09332	Plants and flowers
HE0934	Pets and related products
HE09341	Purchase of pets
HE09342	Products for pets
HE0935	Veterinary and other services for pets
HE09350	Veterinary and other services for pets
HE094	Recreational and cultural services
HE0941	Recreational and sporting services
HE09411	Recreational and sporting services - Attendance
HE09412	Recreational and sporting services - Participation
HE0942	Cultural services
HE09421	Cinemas_ theatres_ concerts
HE09422	Museums_ libraries_ zoological gardens
HE09423	Television and radio licence fees_ subscriptions
HE09424	Hire of equipment and accessories for culture
HE09425	Photographic services
HE09429	Other cultural services
HE0943	Games of chance

HE09430	Games of chance
HE095	Newspapers_ books and stationery
HE0951	Books
HE09511	Fiction books
HE09512	Educational text books
HE09513	Other non-fiction books
HE09514	Binding services and E-book downloads
HE0952	Newspapers and periodicals
HE09521	Newspapers
HE09522	Magazines and periodicals
HE0953	Miscellaneous printed matter
HE09530	Miscellaneous printed matter
HE0954	Stationery and drawing materials
HE09541	Paper products
HE09549	Other stationery and drawing materials
HE096	Package holidays
HE0960	Package holidays
HE09601	Package domestic holidays
HE09602	Package international holidays
HE10	EDUCATION
HE101	Pre-primary and primary education
HE1010	Pre-primary and primary education
HE10101	Pre-primary education
HE10102	Primary education
HE102	Secondary education
HE1020	Secondary education
HE10200	Secondary education
HE103	Post-secondary non-tertiary education
HE1030	Post-secondary non-tertiary education
HE10300	Post-secondary non-tertiary education
HE104	Tertiary education
HE1040	Tertiary education
HE10400	Tertiary education
HE105	Education not definable by level
HE1050	Education not definable by level
HE10500	Education not definable by level
HE11	RESTAURANTS AND HOTELS
HE111	Catering services
HE1111	Restaurants_ cafés and the like
HE11111	Restaurants_ cafés and dancing establishments
HE11112	Fast food and take away food services
HE1112	Canteens
HE11120	Canteens
HE112	Accommodation services
HE1120	Accommodation services
HE11201	Hotels_ motels_ inns and similar accommodation services
HE11202	Holiday centres_ camping sites_ youth hostels and similar accommodation services
HE11203	Accommodation services of other establishments
HE12	MISCELLANEOUS GOODS AND SERVICES

HE121	Personal care
HE1211	Hairdressing salons and personal grooming establishments
HE12111	Hairdressing for men and children
HE12112	Hairdressing for women
HE12113	Personal grooming treatments
HE1212	Electric appliances for personal care
HE12121	Electric appliances for personal care
HE12122	Repair of electric appliances for personal care
HE1213	Other appliances_ articles and products for personal care
HE12131	Non-electrical appliances
HE12132	Articles for personal hygiene and wellness_ esoteric products and beauty products
HE122	Prostitution
HE1220	Prostitution
HE12200	Prostitution
HE123	Personal effects NEC
HE1231	Jewellery_ clocks and watches
HE12311	Jewellery
HE12312	Clocks and watches
HE12313	Repair of jewellery_ clocks and watches
HE1232	Other personal effects
HE12321	Travel goods
HE12322	Articles for babies
HE12323	Repair of other personal effects
HE12329	Other personal effects NEC
HE124	Social protection
HE1240	Social protection
HE12401	Child care services
HE12402	Retirement homes for elderly persons and residences for disabled persons
HE12403	Services to maintain people in their private homes
HE12404	Counselling
HE125	Insurance
HE1252	Insurance connected with the dwelling
HE12520	Insurance connected with the dwelling
HE1253	Insurance connected with health
HE12531	Public insurance connected with health
HE12532	Private insurance connected with health
HE1254	Insurance connected with transport
HE12541	Motor vehicle insurance
HE12542	Travel insurance
HE1255	Other insurance
HE12550	Other insurance
HE126	Financial services NEC
HE1262	Other financial services NEC
HE12621	Charges by banks and post offices
HE12622	Fees and service charges of brokers_ investment counsellors
HE127	Other services NEC
HE1270	Other services NEC
HE12701	Administrative fees
HE12702	Legal services and accountancy

HE12703	Funeral services
HE12704	Other fees and services

Annex 2: Quantities based on the ECOICOP 2013 5-Digit

VARIABLE	VARIABLE_LABEL
HQ0111	Bread and cereals
HQ01111	Rice
HQ01112	Flours and other cereals
HQ01113	Bread
HQ01114	Other bakery products
HQ01115	Pizza and quiche
HQ01116	Pasta products and couscous
HQ01117	Breakfast cereals
HQ01118	Other cereal products
HQ0112	Meat
HQ01121	Beef and veal
HQ01122	Pork
HQ01123	Lamb and goat
HQ01124	Poultry
HQ01125	Other meats
HQ01126	Edible offal
HQ01127	Dried_ salted or smoked meat
HQ01128	Other meat preparations
HQ0113	Fish and seafood
HQ01131	Fresh or chilled fish
HQ01132	Frozen fish
HQ01133	Fresh or chilled seafood
HQ01134	Frozen seafood
HQ01135	Dried_ smoked or salted fish and seafood
HQ01136	Other preserved or processed fish and seafood-based preparations
HQ0114	Milk_ cheese and eggs
HQ01141	Milk_ whole_ fresh
HQ01142	Milk_ low fat_ fresh
HQ01143	Milk_ preserved
HQ01144	Yoghurt
HQ01145	Cheese and curd
HQ01146	Other milk products
HQ01147	Eggs
HQ0115	Oils and fats
HQ01151	Butter
HQ01152	Margarine and other vegetable fats
HQ01153	Olive oil
HQ01154	Other edible oils
HQ01155	Other edible animal fats
HQ0116	Fruit
HQ01161	Fresh or chilled fruit
HQ01162	Frozen fruit
HQ01163	Dried fruit and nuts
HQ01164	Preserved fruit and fruit-based products
HQ0117	Vegetables

HQ01171	Fresh or chilled vegetables other than potatoes and other tubers
HQ01172	Frozen vegetables other than potatoes and other tubers
HQ01173	Dried vegetables_ other preserved or processed vegetables
HQ01174	Potatoes
HQ01175	Crisps
HQ01176	Other tubers and products of tuber vegetables
HQ0118	Sugar_ jam_ honey_ chocolate and confectionery
HQ01181	Sugar
HQ01182	Jams_ marmalades and honey
HQ01183	Chocolate
HQ01184	Confectionery products
HQ01185	Edible ices and ice cream
HQ01186	Artificial sugar substitutes
HQ0119	Food products NEC
HQ01191	Sauces_ condiments
HQ01192	Salt_ spices and culinary herbs
HQ01193	Baby food
HQ01194	Ready-made meals
HQ01199	Other food products NEC
HQ012	Non-alcoholic beverages
HQ0121	Coffee_ tea and cocoa
HQ01211	Coffee
HQ01212	Tea
HQ01213	Cocoa and powdered chocolate
HQ0122	Mineral waters_ soft drinks_ fruit and vegetable juices
HQ01221	Mineral or spring waters
HQ01222	Soft drinks
HQ01223	Fruit and vegetable juices
HQ021	Alcoholic beverages
HQ0211	Spirits
HQ02111	Spirits and liqueurs
HQ02112	Alcoholic soft drinks
HQ0212	Wine
HQ02121	Wine from grapes
HQ02122	Wine from other fruits
HQ02123	Fortified wines
HQ02124	Wine-based drinks
HQ0213	Beer
HQ02131	Lager beer
HQ02132	Other alcoholic beer
HQ02133	Low and non-alcoholic beer
HQ02134	Beer-based drinks

Annex 3a: COUNTRY CODES

This list is a sub-set of the ISO-3166-Alpha-2 classification just for the EU Member States

Code	Name
BE	Belgium
BG	Bulgaria
CZ	Czechia
DK	Denmark
DE	Germany
EE	Estonia
IE	Ireland
EL	Greece
ES	Spain
FR	France
HR	Croatia
IT	Italy
CY	Cyprus
LV	Latvia
LT	Lithuania
LU	Luxembourg
HU	Hungary
MT	Malta
NL	Netherlands
AT	Austria
PL	Poland
PT	Portugal
RO	Romania
SI	Slovenia
SK	Slovakia
FI	Finland
SE	Sweden
UK	United Kingdom

Annex 3b: NUTS 2016 Level 2

Nuts Code	Nuts Label
BE10	Région de Bruxelles-Capitale/ Brussels Hoofdstedelijk Gewest
BE21	Prov. Antwerpen
BE22	Prov. Limburg (BE)
BE23	Prov. Oost-Vlaanderen
BE24	Prov. Vlaams-Brabant
BE25	Prov. West-Vlaanderen
BE31	Prov. Brabant Wallon
BE32	Prov. Hainaut
BE33	Prov. Liège
BE34	Prov. Luxembourg (BE)
BE35	Prov. Namur
BEZZ	Extra-Regio NUTS 2
BG31	Северозападен (Severozapaden)
BG32	Северен централен (Severen tsentralen)
BG33	Североизточен (Severoiztochen)
BG34	Югоизточен (Yugoiztochen)
BG41	Югозападен (Yugozapaden)
BG42	Южен централен (Yuzhen tsentralen)
BGZZ	Extra-Regio NUTS 2
CZ01	Praha
CZ02	Střední Čechy
CZ03	Jihozápad
CZ04	Severozápad
CZ05	Severovýchod
CZ06	Jihovýchod
CZ07	Střední Morava
CZ08	Moravskoslezsko
CZZZ	Extra-Regio NUTS 2
DK01	Hovedstaden
DK02	Sjælland
DK03	Syddanmark
DK04	Midtjylland
DK05	Nordjylland
DKZZ	Extra-Regio NUTS 2
DE11	Stuttgart
DE12	Karlsruhe
DE13	Freiburg
DE14	Tübingen

DE21	Oberbayern
DE22	Niederbayern
DE23	Oberpfalz
DE24	Oberfranken
DE25	Mittelfranken
DE26	Unterfranken
DE27	Schwaben
DE30	Berlin
DE40	Brandenburg
DE50	Bremen
DE60	Hamburg
DE71	Darmstadt
DE72	Gießen
DE73	Kassel
DE80	Mecklenburg-Vorpommern
DE91	Braunschweig
DE92	Hannover
DE93	Lüneburg
DE94	Weser-Ems
DEA1	Düsseldorf
DEA2	Köln
DEA3	Münster
DEA4	Detmold
DEA5	Arnsberg
DEB1	Koblenz
DEB2	Trier
DEB3	Rheinhessen-Pfalz
DEC0	Saarland
DED2	Dresden
DED4	Chemnitz
DED5	Leipzig
DEE0	Sachsen-Anhalt
DEF0	Schleswig-Holstein
DEG0	Thüringen
DEZZ	Extra-Regio NUTS 2
EE00	Eesti
EEZZ	Extra-Regio NUTS 2
IE04	Tuaisceart agus Iarthar / Northern and Western
IE05	Deisceart / Southern
IE06	Oirthear agus Lár Tíre / Eastern and Midland
IEZZ	Extra-Regio NUTS 2
EL30	Αττική (Attiki)
EL41	Βόρειο Αιγαίο (Voreio Aigaio)
EL42	Νότιο Αιγαίο (Notio Aigaio)

EL43	Κρήτη (Kriti)
EL51	Ανατολική Μακεδονία, Θράκη (Anatoliki Makedonia, Thraki)
EL52	Κεντρική Μακεδονία (Kentriki Makedonia)
EL53	Δυτική Μακεδονία (Dytiki Makedonia)
EL54	Ήπειρος (Ipeiros)
EL61	Θεσσαλία (Thessalia)
EL62	Ιόνια Νησιά (Ionia Nisia)
EL63	Δυτική Ελλάδα (Dytiki Ellada)
EL64	Στερεά Ελλάδα (Sterea Ellada)
EL65	Πελοπόννησος (Peloponnisos)
ELZZ	Extra-Regio NUTS 2
ES11	Galicia
ES12	Principado de Asturias
ES13	Cantabria
ES21	País Vasco
ES22	Comunidad Foral de Navarra
ES23	La Rioja
ES24	Aragón
ES30	Comunidad de Madrid
ES41	Castilla y León
ES42	Castilla-La Mancha
ES43	Extremadura
ES51	Cataluña
ES52	Comunidad Valenciana
ES53	Illes Balears
ES61	Andalucía
ES62	Región de Murcia
ES63	Ciudad Autónoma de Ceuta
ES64	Ciudad Autónoma de Melilla
ES70	Canarias
ESZZ	Extra-Regio NUTS 2
FR10	Ile-de-France
FRB0	Centre — Val de Loire
FRC1	Bourgogne
FRC2	Franche-Comté
FRD1	Basse-Normandie
FRD2	Haute-Normandie
FRE1	Nord-Pas de Calais
FRE2	Picardie
FRF1	Alsace
FRF2	Champagne-Ardenne
FRF3	Lorraine
FRG0	Pays de la Loire
FRH0	Bretagne

FRI1	Aquitaine
FRI2	Limousin
FRI3	Poitou-Charentes
FRJ1	Languedoc-Roussillon
FRJ2	Midi-Pyrénées
FRK1	Auvergne
FRK2	Rhône-Alpes
FRL0	Provence-Alpes-Côte d'Azur
FRM0	Corse
FRY1	Guadeloupe
FRY2	Martinique
FRY3	Guyane
FRY4	La Réunion
FRY5	Mayotte
FRZZ	Extra-Regio NUTS 2
HR03	Jadranska Hrvatska
HR04	Kontinentalna Hrvatska
HRZZ	Extra-Regio NUTS 2
ITC1	Piemonte
ITC2	Valle d'Aosta/Vallée d'Aoste
ITC3	Liguria
ITC4	Lombardia
ITF1	Abruzzo
ITF2	Molise
ITF3	Campania
ITF4	Puglia
ITF5	Basilicata
ITF6	Calabria
ITG1	Sicilia
ITG2	Sardegna
ITH1	Provincia Autonoma di Bolzano/Bozen
ITH2	Provincia Autonoma di Trento
ITH3	Veneto
ITH4	Friuli-Venezia Giulia
ITH5	Emilia-Romagna
ITI1	Toscana
ITI2	Umbria
ITI3	Marche
ITI4	Lazio
ITZZ	Extra-Regio NUTS 2
CY00	Κύπρος (Kypros)
CYZZ	Extra-Regio NUTS 2
LV00	Latvija
LVZZ	Extra-Regio NUTS 2

LT01	Sostinės regionas
LT02	Vidurio ir vakarų Lietuvos regionas
LTZZ	Extra-Regio NUTS 2
LU00	Luxembourg
LUZZ	Extra-Regio NUTS 2
HU11	Budapest
HU12	Pest
HU21	Közép-Dunántúl
HU22	Nyugat-Dunántúl
HU23	Dél-Dunántúl
HU31	Észak-Magyarország
HU32	Észak-Alföld
HU33	Dél-Alföld
HUZZ	Extra-Regio NUTS 2
MT00	Malta
MTZZ	Extra-Regio NUTS 2
NL11	Groningen
NL12	Friesland (NL)
NL13	Drenthe
NL21	Overijssel
NL22	Gelderland
NL23	Flevoland
NL31	Utrecht
NL32	Noord-Holland
NL33	Zuid-Holland
NL34	Zeeland
NL41	Noord-Brabant
NL42	Limburg (NL)
NLZZ	Extra-Regio NUTS 2
AT11	Burgenland
AT12	Niederösterreich
AT13	Wien
AT21	Kärnten
AT22	Steiermark
AT31	Oberösterreich
AT32	Salzburg
AT33	Tirol
AT34	Vorarlberg
ATZZ	Extra-Regio NUTS 2
PL21	Małopolskie
PL22	Śląskie
PL41	Wielkopolskie
PL42	Zachodniopomorskie
PL43	Lubuskie

PL51	Dolnośląskie
PL52	Opolskie
PL61	Kujawsko-pomorskie
PL62	Warmińsko-mazurskie
PL63	Pomorskie
PL71	Łódzkie
PL72	Świętokrzyskie
PL81	Lubelskie
PL82	Podkarpackie
PL84	Podlaskie
PL91	Warszawski stołeczny
PL92	Mazowiecki regionalny
PLZZ	Extra-Regio NUTS 2
PT11	Norte
PT15	Algarve
PT16	Centro (PT)
PT17	Área Metropolitana de Lisboa
PT18	Alentejo
PT20	Região Autónoma dos Açores
PT30	Região Autónoma da Madeira
PTZZ	Extra-Regio NUTS 2
RO11	Nord-Vest
RO12	Centru
RO21	Nord-Est
RO22	Sud-Est
RO31	Sud - Muntenia
RO32	București - Ilfov
RO41	Sud-Vest Oltenia
RO42	Vest
ROZZ	Extra-Regio NUTS 2
SI03	Vzhodna Slovenija
SI04	Zahodna Slovenija
SIZZ	Extra-Regio NUTS 2
SK01	Bratislavský kraj
SK02	Západné Slovensko
SK03	Stredné Slovensko
SK04	Východné Slovensko
SKZZ	Extra-Regio NUTS 2
FI19	Länsi-Suomi
FI1B	Helsinki-Uusimaa
FI1C	Etelä-Suomi
FI1D	Pohjois- ja Itä-Suomi
FI20	Åland
FIZZ	Extra-Regio NUTS 2

SE11	Stockholm
SE12	Östra Mellansverige
SE21	Småland med öarna
SE22	Sydsverige
SE23	Västsverige
SE31	Norra Mellansverige
SE32	Mellersta Norrland
SE33	Övre Norrland
SEZZ	Extra-Regio NUTS 2
UKC1	Tees Valley and Durham
UKC2	Northumberland and Tyne and Wear
UKD1	Cumbria
UKD3	Greater Manchester
UKD4	Lancashire
UKD6	Cheshire
UKD7	Merseyside
UKE1	East Yorkshire and Northern Lincolnshire
UKE2	North Yorkshire
UKE3	South Yorkshire
UKE4	West Yorkshire
UKF1	Derbyshire and Nottinghamshire
UKF2	Leicestershire, Rutland and Northamptonshire
UKF3	Lincolnshire
UKG1	Herefordshire, Worcestershire and Warwickshire
UKG2	Shropshire and Staffordshire
UKG3	West Midlands
UKH1	East Anglia
UKH2	Bedfordshire and Hertfordshire
UKH3	Essex
UKI3	Inner London — West
UKI4	Inner London — East
UKI5	Outer London — East and North East
UKI6	Outer London — South
UKI7	Outer London — West and North West
UKJ1	Berkshire, Buckinghamshire and Oxfordshire
UKJ2	Surrey, East and West Sussex
UKJ3	Hampshire and Isle of Wight
UKJ4	Kent
UKK1	Gloucestershire, Wiltshire and Bristol/Bath area
UKK2	Dorset and Somerset
UKK3	Cornwall and Isles of Scilly
UKK4	Devon
UKL1	West Wales and The Valleys
UKL2	East Wales

UKM5	North Eastern Scotland
UKM6	Highlands and Islands
UKM7	Eastern Scotland
UKM8	West Central Scotland
UKM9	Southern Scotland
UKN0	Northern Ireland
UKZZ	Extra-Regio NUTS 2

Annex 4: Standardised Social Variables

https://circabc.europa.eu/webdav/CircaBC/ESTAT/hbs/Library/working_groups/Working%20group%202017-09-28/LC-ILC-193-17%20HBS%20WG%20Standardisation%20of%20social%20variables.docx.pdf

In addition to the list of variables contained here, a new variable measuring Current Monthly Income (HH011) has recently been added.