

## ESS agreement

### EU-SILC supplementary variables on Material deprivation to be collected in 2013

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## Introduction

The present document has to be regarded as a European Statistical System (ESS) agreement within the meaning of Article 14(1) (c) of Regulation (EC) No 223/2009 on European statistics, according to which the European statistical programme can be implemented by individual statistical actions decided by means of agreement between the national statistical institutes, or other national authorities, and Eurostat.

It specifies the list of supplementary – compulsory and optional – variables for a pilot data collection on material deprivation (MD) to be implemented by national statistical institutes (NSIs) in SILC<sup>1</sup> in 2013, namely:

- ✓ 7 supplementary MD variables for the whole population, in all Member States - hereafter labelled "supplementary compulsory variables" -, as well as
- ✓ 14 variables, of which 13 for children 1-15 and 1 for all people aged 16+, in Member States that would be able to do so - hereafter labelled "supplementary optional variables".

The NSIs taking part in this ESS agreement commit themselves to collecting and transmitting to Eurostat such information according to the provisions contained therein.

The list of supplementary variables on material deprivation responds to policy needs expressed in the Council Conclusions on the social inclusion/poverty reduction target and indicators adopted at the EPSCO Council on 7 June 2010 (10560/10 of 7-8/6/2010) where a mid-term review of Europe 2020 indicators is foreseen for 2015. In this context it has been decided to revise the MD indicators and the additional variables implemented in 2013 will allow preparing this revision. The choice of the selected variables is based on a detailed analysis of all MD items available in the 2009 EU-SILC ad hoc module, according to the dimensional structure of the whole set of items (50 items) as well as their suitability, validity, reliability and additivity, carried out by the second Network for the Analysis of EU-SILC (Net-SILC2). The aggregation of deprivation items was in depth analysed and possible robust indicators for the whole population and for children were set up.

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<sup>1</sup> Statistics on income and living conditions

The results of the 2013 pilot data collection of MD variables to be carried out under the current ESS agreement will be deeply analysed as well as those of the 2014 ad hoc module on MD. Taking into account the outcomes of this analysis and in the context of the comprehensive revision of the EU-SILC legal basis, the new MD variables are expected to be collected on a regular basis from 2016 onwards. They will be included in the material deprivation indicators' calculations (for the whole population as well as for children) as they will be defined by the Council Groups during the 2015 revision.

## Variables

The list of supplementary (compulsory and optional) variables on Material Deprivation to be collected in the EU-SILC in 2013 is presented in the table below:

Variable identifier	Values	Target variable	Comment
HD080	1	<b>Replace worn-out furniture</b> Yes	Supplementary compulsory variable
	2	No - household cannot afford it	
	3	No - other reason	
HD080_F	1	Filled	- Household item
	-1	Missing	
PD020	1	<b>Replace worn-out clothes by some new (not second-hand) ones</b> Yes	Supplementary compulsory variable
	2	No - cannot afford it	
	3	No - other reason	
PD020_F	1	Filled	- Personal item 16+
	-1	Missing	
	-3	Not selected respondent	
PD030	1	<b>Two pairs of properly fitting shoes (including a pair of all-weather shoes)</b> Yes	Supplementary compulsory variable
	2	No - cannot afford it	
	3	No - other reason	
PD030_F	1	Filled	- Personal item 16+
	-1	Missing	
	-3	Not selected respondent	
PD050	1	<b>Get together with friends/family (relatives) for a drink/meal at least once a month</b> Yes	Supplementary compulsory variable
	2	No - cannot afford it	
	3	No - other reason	
PD050_F	1	Filled	- Personal item 16+
	-1	Missing	
	-3	Not selected respondent	

PD060		<b>Regularly participate in a leisure activity</b>	
	1	Yes	Supplementary compulsory variable - Personal item 16+
	2	No - cannot afford it	
	3	No - other reason	
PD060_F	1	Filled	
	-1	Missing	
	-3	Not selected respondent	
PD070		<b>Spend a small amount of money each week on yourself</b>	
	1	Yes	Supplementary compulsory variable - Personal item 16+
	2	No - cannot afford it	
	3	No - other reason	
PD070_F	1	Filled	
	-1	Missing	
	-3	Not selected respondent	
PD080		<b>Internet connection for personal use at home</b>	
	1	Yes	Supplementary compulsory variable - Personal item 16+
	2	No - cannot afford it	
	3	No - other reason	
PD080_F	1	Filled	
	-1	Missing	
	-3	Not selected respondent	
PD090		<b>Regular use of public transport</b>	
	1	Yes	Supplementary optional variable - Personal item 16+
	2	No - ticket too expensive	
	3	No - station too far away	
	4	No - access too difficult	
	5	No - private transport	
	6	No - other reason	
PD090_F	1	Filled	
	-1	Missing	
	-3	Not selected respondent	
	-5	Not collected	
HD100		<b>Some new (not second-hand) clothes</b>	
	1	Yes	Supplementary optional variable - children 1-15 (applying at household level)
	2	No - household cannot afford it	
	3	No - other reason	
HD100_F	1	Filled	
	-1	Missing	
	-2	Not applicable (no children aged between 1 and 15)	
	-5	Not collected	

HD110		<b>Two pairs of properly fitting shoes (including a pair of all-weather shoes)</b>	
	1	Yes	Supplementary optional variable - children 1-15 (applying at household level)
	2	No - household cannot afford it	
	3	No - other reason	
HD110_F	1	Filled	
	-1	Missing	
	-2	Not applicable (no children aged between 1 and 15)	
	-5	Not collected	
HD120		<b>Fruits and vegetables once a day</b>	
	1	Yes	Supplementary optional variable - children 1-15 (applying at household level)
	2	No - household cannot afford it	
	3	No - other reason	
HD120_F	1	Filled	
	-1	Missing	
	-2	Not applicable (no children aged between 1 and 15)	
	-5	Not collected	
HD140		<b>One meal with meat, chicken or fish (or vegetarian equivalent) at least once a day</b>	
	1	Yes	Supplementary optional variable - children 1-15 (applying at household level)
	2	No - household cannot afford it	
	3	No - other reason	
HD140_F	1	Filled	
	-1	Missing	
	-2	Not applicable (no children aged between 1 and 15)	
	-5	Not collected	
HD150		<b>Books at home suitable for their age</b>	
	1	Yes	Supplementary optional variable - children 1-15 (applying at household level)
	2	No - household cannot afford it	
	3	No - other reason	
HD150_F	1	Filled	
	-1	Missing	
	-2	Not applicable (no children aged between 1 and 15)	
	-5	Not collected	
HD160		<b>Outdoor leisure equipment</b>	
	1	Yes	Supplementary optional variable - children 1-15 (applying at household level)
	2	No - household cannot afford it	
	3	No - other reasons	
HD160_F	1	Filled	
	-1	Missing	
	-2	Not applicable (no children aged between 1 and 15)	
	-5	Not collected	

HD170		<b>Indoor games</b>	
	1	Yes	Supplementary optional variable - children 1-15 (applying at household level)
	2	No - household cannot afford it	
	3	No - other reason	
HD170_F	1	Filled	
	-1	Missing	
	-2	Not applicable (no children aged between 1 and 15)	
	-5	Not collected	
HD180		<b>Regular leisure activity</b>	
	1	Yes	Supplementary optional variable - children 1-15 (applying at household level)
	2	No - household cannot afford it	
	3	No - other reason	
HD180_F	1	Filled	
	-1	Missing	
	-2	Not applicable (no children aged between 1 and 15)	
	-5	Not collected	
HD190		<b>Celebrations on special occasions</b>	
	1	Yes	Supplementary optional variable - children 1-15 (applying at household level)
	2	No - household cannot afford it	
	3	No - other reason	
HD190_F	1	Filled	
	-1	Missing	
	-2	Not applicable (no children aged between 1 and 15)	
	-5	Not collected	
HD200		<b>Invite friends round to play or eat from time to time</b>	
	1	Yes	Supplementary optional variable - children 1-15 (applying at household level)
	2	No - household cannot afford it	
	3	No - other reason	
HD200_F	1	Filled	
	-1	Missing	
	-2	Not applicable (no children aged between 1 and 15)	
	-5	Not collected	
HD210		<b>Participate in school trips and school events that cost money</b>	
	1	Yes	Supplementary optional variable - children 1-15 attending school (applying at household level)
	2	No - household cannot afford it	
	3	No - other reason	
HD210_F	1	Filled	
	-1	Missing	
	-2	Not applicable (no children aged between 1 and 15)	
	-4	Not applicable (no children attending school)	
	-5	Not collected	

HD220		<b>Suitable place to study or do homework</b>	
	1	Yes	Supplementary optional variable - children 1-15 attending school (applying at household level)
	2	No	
	1	Filled	
HD220_F	-1	Missing	
	-2	Not applicable (no children aged between 1 and 15)	
	-4	Not applicable (no children attending school)	
	-5	Not collected	
HD240		<b>Go on holiday away from home at least one week per year</b>	
	1	Yes	Supplementary optional variable - children 1-15 (applying at household level)
	2	No - household cannot afford it	
	3	No - other reason	
HD240_F	1	Filled	
	-1	Missing	
	-2	Not applicable (no children aged between 1 and 15)	
	-5	Not collected	

# Quality requirements and reporting

## Relevance

The new variables for the whole population would allow computing a revised (severe) material deprivation indicator (as a component of a revised AROPE) as it will be defined by the Council Groups during the 2015 revision, i.e. based on the 13 existing primary and additional household and individual MD variables, namely:

- ✓ Existing primary MD variables:
  - HH050 Ability to keep home adequately warm
  - HS011-021-031 Arrears
  - HS040 Capacity to afford paying one week annual holiday away from home
  - HS050 Capacity to afford a meal with meat, chicken, fish (or vegetarian equivalent) every second day
  - HS060 Capacity to face unexpected financial expenses
  - HS110 Do you have a car?
  
- ✓ New supplementary MD variables:
  - HD080 Replace worn-out furniture
  - PD020 Replace worn-out clothes by some new (not second-hand) ones
  - PD030 Two pairs of properly fitting shoes (including a pair of all-weather shoes)
  - PD050 Get together with friends/family (relatives) for a drink/meal at least once a month
  - PD060 Regularly participate in a leisure activity
  - PD070 Spend a small amount of money each week on yourself
  
- ✓ Mix of an existing primary MD variable (possibly) and a new supplementary MD variable:
  - HS090 Do you have a computer? and PD080 Internet connection for personal use at home

For their part the new variables on children would allow computing a material deprivation indicator for children based on a total of 5 existing primary and additional household variables and 13 additional children MD variables, namely:

- ✓ Existing primary whole population MD variables:
  - HH050 Ability to keep home adequately warm
  - HS011-021-031 Arrears
  - HS110 Do you have a car?
  
- ✓ New supplementary whole population MD variables:
  - HD080 Replace worn-out furniture

- ✓ Mix of an existing primary whole population MD variable and a new supplementary whole population MD variables:
  - HS090 Do you have a computer? and PD080 Internet connection for personal use at home
  
- ✓ New supplementary children MD variables:
  - HD100 Some new (not second-hand) clothes
  - HD110 Two pairs of properly fitting shoes (including a pair of all-weather shoes)
  - HD120 Fruits and vegetables once a day
  - HD140 One meal with meat, chicken or fish (or vegetarian equivalent) at least once a day
  - HD150 Books at home suitable for their age
  - HD160 Outdoor leisure equipment
  - HD170 Indoor games
  - HD180 Regular leisure activity
  - HD190 Celebrations on special occasions
  - HD200 Invite friends round to play or eat from time to time
  - HD210 Participate in school trips and school events that cost money
  - HD220 Suitable place to study or do homework
  - HD240 Go on holiday away from home at least one week per year

In addition, the optional variable on mobility PD090 Regular use of public transport will complete variable HS110 Do you have a car?

### **Accuracy**

The precision requirements for these variables are the same as for primary variables of the EU-SILC survey. The latter are established in Annex II to Commission Regulation (EC) No 1177/2003 of 16 June 2003<sup>2</sup>.

### **Punctuality**

The supplementary compulsory variables on Material Deprivation and the supplementary optional ones - when collected – should be sent to Eurostat in the household data file (H) and in the personal data file (P) after the target primary variables and the 2013 target secondary variables on "Well-being". Following standard EU-SILC practice all the data will be delivered by 30 November 2014 at the latest.

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<sup>2</sup> OJ L 165, 3.7.2003, p. 9



## **Accessibility and clarity**

Data and metadata will be disseminated in an excel file (macro-data) on Eurostat's web site. In addition, in accordance with Commission Regulation (EC) 831/2002<sup>3</sup>, Eurostat releases EU-SILC anonymised micro-data in the user database (UDB).

## **Comparability**

The collection of the 2013 supplementary compulsory variables with little changes compared to 2009 permits a reliable trend measurement.

Moreover, the addition of new variables doesn't affect the standard EU-SILC primary variables on Material Deprivation used for computing the current at-risk of poverty rate and social exclusion indicator (AROPE).

Finally, the comparability of data among countries is ensured by the dissemination of the explanatory notes fully agreed with NSIs and by the assessment of data quality carried out by Eurostat.

## **Coherence**

The coherence between the supplementary variables on Material Deprivation to be collected in 2013 and those one collected in 2009 in the dedicated ad-hoc module has been ensured through the use of comparable variable definitions and answer modalities.

## **Quality reporting**

Regulation (EC) No 1177/2003 of the European Parliament and of the Council concerning Community statistics on income and living conditions (EU-SILC)<sup>4</sup> states that both Member States and Eurostat has to produce two quality reports: an Intermediate quality report and a Final one by the end of December (year N+1 or N+2 depending on the quality reports). The objective is to evaluate the quality of the instrument according to the key quality dimensions described in the Commission Regulation (EC) No 28/2004<sup>5</sup>.

## **Data sources**

The 2013 EU-SILC Survey.

## **Proposed format for the transmission of data files**

According the standards of EU-SILC.

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<sup>3</sup> OJ L 133, 18.5.2002, p. 7

<sup>4</sup> OJ L 165, 3.7.2003, p.1

<sup>5</sup> OJ L 9, 9.1.2004, p. 42

## **Data transmission procedure**

### **Data flow**

The supplementary compulsory and optional variables on Material Deprivation shall be sent to EUROSTAT via the single entry point (eDAMIS) as a part of the EU-SILC 2013 data, in the household data file (H) and in the personal data file (P) after the target primary variables and the target secondary variables on "Well-being".

### **Confidentiality measures**

The micro-data collected under this ESS Agreement will be processed in conformity with the provisions of Chapter V 'Statistical confidentiality' of Regulation (EC) No 223/2009 on European statistics.

## **ANNEX**

### **Countries that agreed to participate in the ESS agreement:**

**Belgium**

**Bulgaria**

**Estonia**

**Ireland**

**Greece**

**Spain**

**France**

**Italy**

**Cyprus**

**Lithuania**

**Luxembourg**

**Hungary**

**Malta**

**Austria**

**Poland**

**Portugal**

**Romania**

**Slovakia**

**Finland**

**Sweden**

**United Kingdom**

**Switzerland**

**Iceland**

**Turkey**