

**DESCRIPTION OF SILC USER DATABASE VARIABLES  
NOT INCLUDED IN GUIDELINES 2015:  
Longitudinal**

**Version 2015**

<b>PERSONAL REGISTER (R-FILE) .....</b>	<b>3</b>
<b>RX010: AGE AT THE DATE OF INTERVIEW .....</b>	<b>4</b>
<b>RX020: AGE AT THE END OF THE INCOME REFERENCE PERIOD .....</b>	<b>5</b>
 <b>HOUSEHOLD DATA (H-FILE) .....</b>	 <b>7</b>
<b>HX010: CHANGE RATE .....</b>	<b>8</b>
<b>HX040: HOUSEHOLD SIZE .....</b>	<b>11</b>
<b>HX050: EQUIVALISED HOUSEHOLD SIZE .....</b>	<b>12</b>
<b>HX090: EQUIVALISED DISPOSABLE INCOME .....</b>	<b>16</b>
<b>HX100: EQUIVALISED DISPOSABLE INCOME QUINTILES .....</b>	<b>17</b>
 <b>PERSONAL DATA (P-FILE) .....</b>	 <b>18</b>
<b>PX010: EXCHANGE RATE .....</b>	<b>19</b>
<b>PX020: AGE AT THE END OF THE INCOME REFERENCE PERIOD .....</b>	<b>20</b>
<b>PX030: HOUSEHOLD ID .....</b>	<b>21</b>
<b>PX040: RESPONDENT STATUS .....</b>	<b>22</b>

## **Personal Register (R-file)**

## **RX010: Age at the date of interview**

*BASIC DATA (Demographic data)*

*Longitudinal*

*Reference period: constant*

*Unit: all current household members (of any age) and former household members*

*Mode of collection: Derived*

### **Values**

*0 – 80: age in years*

A household member coded "80" has 80 or over

RX010 is calculated by subtracting date of birth (in year and month) from date of interview (in year and month). RX010 may vary from one digit compared to real age at the exact day of interview, as the day of birth isn't known.

## **RX020: Age at the end of the income reference period<sup>[1]</sup>**

*BASIC DATA (Demographic data)*

*Longitudinal*

*Reference period: constant*

*Unit: all current household members (of any age) and former household members*

*Mode of collection: Calculated*

### **Values**

*-1 – 80: age in years*

A household member coded "80" has 80 or over

A household member coded "-1" is born between the end of income reference period and the data collection

[1] The end of income reference period is the end of previous calendar year.

## **Household Data (H-file)**

## HX010: Change rate

*BASIC DATA (Basic household data including degree of urbanisation)*

*Longitudinal*

*Reference period: income reference period*

*Unit: household / person*

*Mode of collection: external source*

Conversion factor: euro / national currency

It's the average exchange rate based on the year prior to the survey

The value is missing when the national currency is the Euro

**Income data (euros) \* HX010 = income data (national currency)**

## HX040: Household size

*BASIC PERSONAL DATA (Basic household data)*

*Longitudinal*

*Reference period: end of income reference period*

*Unit: household*

*Mode of collection: constructed*

Values

1 - 99

Number of current household members

In practise; number of person pertaining to the same household having an observation in the R-file (personal register file)

## HX050: Equivalised household size

*BASIC PERSONAL DATA (Basic household data)*

*Longitudinal*

*Reference period: end of income reference period*

*Unit: household*

*Mode of collection: constructed*

Values

1 - 99.99

### *Calculation of equivalised household size*

Let

HM<sub>14+</sub> number of household members aged 14 and over (at the end of income reference period)

HM<sub>13-</sub> number of household members aged 13 or less (at the end of income reference period)

The equivalised household size is defined as:

$$\text{HX050} = 1 + 0.5 * (\text{HM}_{14+} - 1) + 0.3 * \text{HM}_{13-}$$

## HX090: Equivalised disposable income

*INCOME (Total household income (gross and disposable))*

*Longitudinal*

*Reference period: income reference period*

*Unit: household*

*Mode of collection: constructed*

Values

-999999.99 - 999999.99 income (in euros) without inflation factor

$$\text{HX090} = (\text{HY020} / \text{HX050})$$

<b>HX100: Equivalised disposable income quintiles</b>
---

<i>INCOME (Total household income (gross and disposable))</i>
---

<i>Longitudinal</i>
---------------------

<i>Reference period: income reference period</i>
--

<i>Unit: household</i>
------------------------

<i>Mode of collection: constructed</i>
--

Values
--------

1 - 5
-------

HX100= 1: household pertains to the lower (1<sup>st</sup>) quintile

HX100= 2: household pertains to the 2<sup>nd</sup> quintile

HX100= 3: household pertains to the 3<sup>rd</sup> quintile

HX100= 4: household pertains to the 4<sup>th</sup> quintile

HX100= 5: household pertains to the upper (5<sup>th</sup>) quintile



## **Personal Data (P-file)**

## PX010: Exchange rate

*BASIC DATA (Basic household data including degree of urbanisation)*

*Longitudinal*

*Reference period: income reference period*

*Unit: Household / person*

*Mode of collection: external source*

Conversion factor: euro / national currency

It's the average exchange rate based on the year prior to the survey

The value is missing when the national currency is the Euro

**Income data (euros) \* PX010 = income data (national currency)**

## PX020: Age at the end of the income reference period<sup>[1]</sup>

*BASIC DATA (Demographic data)*

*Longitudinal*

*Reference period: constant*

*Unit: all current household members (of any age) and former household members*

*Mode of collection: Calculated*

### Values

*-1 – 80: age in years*

A household member coded "80" has 80 or over

A household member coded "-1" is born between the end of income reference period and the data collection

[1] The end of income reference period is the end of previous calendar year.

## **PX030: Household ID**

*BASIC DATA (Basic household data including degree of urbanisation)*

*Longitudinal*

*Reference period: current*

*Unit: household*

*Mode of collection: calculated*

Values

*PX030 = DB030*

## **PX040: Respondent status**

*BASIC DATA (Basic personal data)*

*Longitudinal*

*Reference period: current*

*Unit: all current household members (of any age)*

*Mode of collection: household respondent or register*

Values

*PX040 = RB245*