

# EU Survey of Income and Living Conditions Anonymised Microdata File Codebook



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Income, Consumption and Wealth Division

Central Statistics Office

## Document Updates

Version	Date	Comment
1.1	02/06/2020	First Issued with new format AMF
1.2	19/01/2022	2020 SILC data added. Break in series.
1.3	11/02/2022	Region coding updated for 2012-2020
1.4	01/06/2022	<p>2020 data updated. 2021 data released.</p> <p>Variables dropped/added under IESS regulation for EU-SILC 2021 onwards.</p> <p><u>Dropped</u>: RB210, PB210, PE020, PE030, PE040, PL015, PL020, PL025, PL031, PL035, PL120, PL130, PL140, PL160, PL170, PL180, PY031G, PY200G, HH031, HH040, HH061, HH081, HH091, HS070, HS080, HS100, HS130, HS140, HS160, HS170, HS180, HS190</p> <p><u>Added</u>: RB211, RB280, PE021, PE041, PL016, PL032, PL141, PL145</p>

Please note that the SILC questionnaire has been re-designed and slimmed down from SILC 2020 onwards to help reduce the burden on respondents. Eurostat have also mandated some changes to EU-SILC core variables and structural elements such as the definition of a household, which are due to come into effect from SILC 2021. Changes will be highlighted as they come into effect. Any questions, please contact [icw@cso.ie](mailto:icw@cso.ie).

# AMF Usage Notes and Recommendations

## Subsetting Data

The SILC Anonymised Microdata File (AMF) contains both personal and household level data. Household data is at present duplicated for each member of the household. If performing household level analysis, please be aware of this and subset the data to include a single entry per household (interview\_hh = 1).

## Break in Series

For SILC there is a full break in series. Data from 2020 onwards is not directly comparable with data from 2004-2019. To make the difference clear, national use variables from 2020 onwards have been re-named. For details see: <https://www.cso.ie/en/releasesandpublications/in/silc/informationnote-breakintimeseriessilc2020/>

## EU-SILC manual

Further detailed descriptions of EU-SILC variables can be found in the implementation guidelines from Eurostat, available on CIRCABC: [https://circabc.europa.eu/ui/group/853b48e6-a00f-4d22-87db-c40bafd0161d/library/334d943f-6f71-4f4b-9c7e-a6767a3fe164?p=1&n=10&sort=modified\\_DESC](https://circabc.europa.eu/ui/group/853b48e6-a00f-4d22-87db-c40bafd0161d/library/334d943f-6f71-4f4b-9c7e-a6767a3fe164?p=1&n=10&sort=modified_DESC)

## AMF File Overview

<b>Reference Year</b>	<b>No. of records</b>	<b>No. of Variables</b>
2020	10,683	229
2019	10,698	231
2018	11,130	231
2017	12,612	231
2016	13,182	231
2015	13,793	231
2014	14,078	231
2013	12,663	195
2012	11,891	189
2011	11,005	188
2010	11,587	175
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2004	14,272	156

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# 1. Survey Background

## Survey purpose:

The primary focus of the Survey on Income and Living Conditions (SILC) is the collection of information on the income and living conditions of different types of households in Ireland, in order to derive indicators on poverty, deprivation and social exclusion. It is a voluntary survey of private households. It is carried out under EU legislation (Council Regulation No 1177/2003) and commenced in Ireland in June 2003.

In 2021 the European legislative basis (Regulation No 1177/2003) for the production of statistics on income and living conditions has been repealed by Regulation 2019/1700. This new framework regulation establishes a common framework for European statistics relating to persons and households, based on data at individual level collected by samples. In order to meet the requirements of the new regulation, the Central Statistics Office (CSO) introduced changes to many SILC business processes. These changes have resulted in a break in the SILC time series for 2020.

## Legislative Basis European:

Regulation (EU) 2019/1700: <https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=uriserv:OJ.LI.2019.261.01.0001.01.ENG>

<https://ec.europa.eu/eurostat/web/income-and-living-conditions/legislation>

## Periodicity:

Annual

## Statistical Population:

All private households and their current members residing in the state at the time of data collection

## Sampling Frame:

Register of all private households occupied on the night of Census 2011 and 2016

## Time Series Coverage:

2004 - 2020

Contact email: [ICW@CSO.ie](mailto:ICW@CSO.ie)

## 2. National Variables List and Corresponding Codes

Variable Name	Description	Code
<b>ID Variables</b>		
household_id	ID number of household	ID
person_id	ID number of person in household	ID
Interview_hh	Household questionnaire was completed	1 = Household variables answered by one person
<b>Deprivation Variables</b>		
dep_cold_hh	Had to go without heating during the 12 months though lack of money	1 Yes 0 No
dep_soc_hh_ref	Deprived of a morning, afternoon or evening out in the last fortnight for their entertainment (Something that costs money)	1 Yes 0 No
dep_shoes_hh	Deprived of possession of two pairs of strong shoes per household member	1 Yes 0 No
dep_joint_hh	Deprived of a roast joint of meat (Or its equivalent) once a week	1 Yes 0 No
dep_meat_meal_hh	Deprived of eating meals with meat, chicken, fish (or vegetarian equivalent) every second day	1 Yes 0 No
dep_clothes_hh	Unable to afford to replace worn out clothes with new (Not Second Hand) Items	1 Yes 0 No
dep_coat_hh	Unable to afford to be in possession of a Warm Waterproof Coat	1 Yes 0 No
dep_warm_hsehh	Deprived of the ability to keep the home adequately warm	1 Yes 0 No
dep_furniture_hh	Deprived of the ability to be able to afford to replace any worn out furniture	1 Yes 0 No
dep_fam_mealhh	Deprived of a (get-together with) family and/or friends (relatives) for a drink or a meal once a month	1 Yes 0 No

dep_fam_pres_hh	Household unable to afford to buy presents for family or friends at least once a year	1 Yes 0 No
dep_hunger_hh	Household had a day in the last fortnight where they could not have a substantial meal due to lack of money.  <i>(Note: This indicator is not part of the 11 main Indicators for calculating Deprivation Rate)</i>	1 Yes 0 No
<b>National Indicator/Income variables</b>		
nat_gross_hh_inc (2020-onwards)	Total Gross Household Income  (definition in use from 2020 onwards) sum(PY010Gh, PY020Gh, PY030Gh, PY050Gh, PY080Gh, PY090Gh, PY100Gh, PY110Gh, PY120Gh, PY130Gh, PY140Gh, HY040G, HY050G, HY060G, HY070G, HY080G, HY090G, HY110G)	0 no income  10-999990 income(national currency)
nat_disp_hh_inc (2020-onwards)	Total Disposable Household Income  (definition in use from 2020 onwards) sum(nat_gross_hh_inc, -PY030Gh, -HY120G, -HY130G, -HY140G, -private pension contributions not included within HY140G)	0 no income  10-999990 income(national currency)
nat_dispinc_ex_ST (2020-onwards)	Total Disposable Household Income before all social transfers  (definition in use from 2020 onwards)	0 no income  10-999990 income(national currency)
nat_dispinc_ex_ST_pubpen (2020-onwards)	Total Disposable Household Income before all social transfers and public sector pension income  (definition in use from 2020 onwards)	0 no income  10-999990 income(national currency)
nat_dispinc_ex_rent_mort_int (2020-onwards)	Total Disposable Household Income after rent and mortgage interest are deducted  (definition in use from 2020 onwards)	0 no income  10-999990 income(national currency)
natscl	Household Size using National Scale	1-999999 persons



eq_dispinc (2020-onwards)	Nominal Equivalised Disposable Income  (definition in use from 2020 onwards) $eq\_disp\_inc = nat\_disp\_hh\_inc/natscl$	0 no income  10-999990 income(national currency)
eq_dispinc_ex_ST (2020-onwards)	Nominal Equivalised Disposable Income before all social transfers  (definition in use from 2020 onwards) $eq\_dispinc\_ex\_ST = nat\_dispinc\_ex\_ST/natscl$	0 no income  10-999990 income(national currency)
eq_dispinc_ex_ST_pubpen (2020-onwards)	Nominal Equivalised Disposable Income before all social transfers and public sector pension income  (definition in use from 2020 onwards) $eq\_dispinc\_ex\_ST\_pubpen = nat\_dispinc\_ex\_ST\_pubpen/natscl$	0 no income  10-999990 income(national currency)
eq_inc_ex_rent_mort_int (2020-onwards)	Nominal Equivalised Disposable Income after rent and mortgage interest are deducted  (definition in use from 2020 onwards) $eq\_inc\_ex\_rent\_mort = nat\_dispinc\_ex\_rent\_mort/natscl$	0 no income  10-999990 income(national currency)
conpov_112 (2020-onwards)	Experiencing Consistent Poverty, i.e. 2 or more of the 11 Deprivation items and an equivalised household income of less than 60% of the median national income  (based on income definition in use from 2020 onwards)	1 Yes 2 No
AROP_nat60 (2020-onwards)	At risk of poverty indicator, at the 60% level of the median national disposable income  (based on income definition in use from 2020 onwards)	1 Yes 0 No
AROP_ex_ST (2020-onwards)	At risk of poverty before all social transfers indicator, at the 60% level of the median national disposable income  (based on income definition in use from 2020 onwards)	1 Yes 0 No

AROP_ex_ST_pubpen (2020-onwards)	At risk of poverty before all social transfers and public sector pension income indicator, at the 60% level of the median national disposable income  (based on income definition in use from 2020 onwards)	1 Yes 0 No
AROP_ex_rent_mort (2020-onwards)	At risk of poverty after rent and mortgage interest are deducted indicator, at the 60% level of the median national disposable income  (based on income definition in use from 2020 onwards)	1 Yes 0 No
<b>Other National Variables</b>		
euroweight	Household and individual weight	Numeric values
person_count_h	persons in household	Count of the number of persons in the household
hhype_18c	Household Composition (wrt adults aged 65 years and children under 18)	1a = 1 Adult 65+ 1b= 1 Adult aged <65 2a = 2 Adults, at least 1 aged 65+ 2b = 2 Adults, both aged <65 3 = 3 or more adults 4 = 1 adult with children aged under 18 5= 2 adults with 1-3 children aged under 18 6 = Other households with children aged under 18
hhype_wgt	Household composition (wrt children under 18)	1 = 1 Adult households 2 = 2 Adult households 3 = 3 or more Adult Households 4 = 1 Adult with children aged under 18 household 5 = 2 Adults with 1-3 children aged under 18 household 6 = Other households with children aged under 18
Aggp1	Age category	1 = 0-14 2 = 15-64 3 = 65+

Aggp2	Age category 2	1 = 0-14 2 = 15-24 3 = 25-49 4 = 50-64 5 = 65+
Aggp3 (2020-onwards)	Age category 3	1 = 0-17 2 = 18-34 3 = 35-49 4 = 50-64 5 = 65+
Region (2003-2011)	NUTS2 region of household	1 = Border, Midland and Western 2 = Eastern and Southern
Region (2012 onwards)	NUTS2 region of household	'IE04' = 'Northern and Western' 'IE05' = 'Southern' 'IE06' = 'Eastern and Midland';
GMS_Card (2020-onwards)	Do you have a GP visit card or a medical card?	1 = Yes, Medical card 2 = Yes, GP visit card 3 = Does not have GP visit or medical card
CH13 (2020-onwards)	If child has medical or GP visit card cover	1 = Yes, covered by a medical card 2 = Yes, covered by a GP visit card 3 = No, not covered by either
PES_IESS (2020-onwards)	Principal Economic Status  From 2020 the question on Principal Economic Status was standardised under Regulation (EU) 2019/1700.	1 = "Employed" 2 = "Unemployed" 3 = "Retired" 4 = "Unable to work due to long-standing health problems" 5 = "Student, pupil" 6 = "Fulfilling domestic tasks" 8 = "Other" 9 = "Aged under 16"

### 3. EU SILC 2019 CORE Variable List and Corresponding Codes

Variable Name	Description	Code
<b>D variables: Household Register</b>		
DB010	YEAR OF THE SURVEY	Year (4 Digits)
<b>R variables: Personal Register</b>		
RB090	Sex	1 Male 2 Female
RB200	Residential Status	1 Currently living in the household 2 Temporarily Absent
RB210 (2004-2020)	Basic Activity Status	1 At work 2 Unemployed 3 In retirement or early retirement or has given up business 4 Other inactive person
RB211 (2021 onwards)	Main Activity Status (self-defined)	1. Employed 2. Unemployed 3. Retired 4. Unable to work due to long-standing health problems 5. Student, pupil 6. Fulfilling domestic tasks 7. Compulsory military or civilian service 8. Other
RB245	Respondent Status	1 Current household member aged 16 and over 2 Selected respondent 3 Not selected respondent 4 Not eligible person
RB280 (2021 onwards)	Country of Birth	IE Ireland UK United Kingdom USA United States Other Europe Other European Country Other Other Non-European Country
<b>H variables: Household Data</b>		
HH010	Dwelling Type	1 Detached house 2 Semi-detached or terraced house 3 Apartment or flat in a building with less than 10 dwellings 4 Apartment or flat in a building with 10 or more dwellings 5 Some other kind of accommodation
HH020 (2004 – 2010)	Tenure Status	1 Owner 2 Tenant or subtenant paying rent at prevailing or market rate 3 Accommodation is rented at a reduced rate (lower price than the market price) 4 accommodation is provided free

HH021 (2010 onwards)	Tenure Status	1 Outright owner 2 Owner paying mortgage 3 Tenant or subtenant paying rent at prevailing or market rate 4 Accommodation is rented at a reduced rate (lower price than the market price) 5 Accommodation is provided free
HH030	Number of Rooms Available to the Household	1 – 9.9 number of rooms 10 10 or more rooms
HH031 (2004-2020)	Year of Contract or Purchasing or Installation	Year (4 Digits)
HH040 (2004-2020)	Leaking Roof, Damp Walls/Floors/Foundation, or Rot in Window Frames or Floor	1 Yes 2 No
HH060	Current rent related to occupied dwelling	10-99990
HH061 (2004-2020)	Subjective rent [Subjective rent related to non-tenant paying rent at market price]	10-99990
HH070	Total housing cost [Total housing cost (including electricity, water, gas and heating)]	10-99990
HH071 (2010 onwards)	Mortgage principal repayment [Monthly principal repayment of mortgage]	0 No repayment 10-99990
HH081 (2008 -2020)	Bath or Shower in Dwelling	1 Yes, for sole use of the household 2 Yes, shared 3 No
HH091 (2008 -2020)	Indoor Flushing Toilet for sole use of household	1 Yes, for sole use of the household 2 Yes, shared 3 No
HS011 (2008 onwards)	Arrears on Mortgage or Rental payments (Whether the household has been in arrears on mortgage or rental payments in the past 12 months)	1 Yes, once 2 Yes, twice or more 3 No
HS021 (2008 onwards)	Arrears on Utility bills (Whether the household has been in arrears on utility bills in the past 12 months)	1 Yes, once 2 Yes, twice or more 3 No
HS031 (2008 onwards)	Arrears on Hire Purchase instalments or other loan payments (Whether the household has been in arrears on hire purchase instalments or other loan	1 Yes, once 2 Yes, twice or more 3 No

	payments (Non housing related debts) in the past 12 months)	
HS040	Capacity to afford paying for one week annual holiday away from home	1 Yes 2 No
HS060	Capacity to face unexpected financial expenses	1 Yes 2 No
HS070 (2004-2019)	Do you have a Telephone (Including Mobile Phone)?	1 Yes 2 No cannot afford 3 No other reason
HS080 (2004-2019)	Do you have a Colour TV?	1 Yes 2 No cannot afford 3 No other reason
HS090	Do you have a Computer?	1 Yes 2 No cannot afford 3 No other reason
HS100 (2004-2019)	Do you have a Washing Machine?	1 Yes 2 No cannot afford 3 No other reason
HS110	Do you have a Car?	1 Yes 2 No cannot afford 3 No other reason
HS120	Ability to make ends meet?	1 With great difficulty 2 With difficulty 3 With some difficulty 4 Fairly easily 5 Easily 6 Very easily
HS130 (2004-2019)	Lowest Monthly Income to make ends meet	10-999990
HS140 (2004-2020)	Financial Burden of the Total Housing Cost (Total Housing Cost is a Financial Burden to the Household)	1 A heavy burden 2 A slight burden 3 No burden at all
HS150	Financial Burden of the repayments of debts from hire purchase or loans (Repayment of debts from hire purchase or loans other than mortgage or loan connected with the house are a financial burden to the household)	1 Repayment is a heavy burden 2 Repayment is somewhat a burden 3 Repayment is not a burden at all
HS160 (2004-2019)	Problems with the dwelling: Too dark, not enough light	1 Yes 2 No
HS170 (2004-2019)	Noise from neighbours or from the street (Traffic, business and factories)	1 Yes 2 No
HS180 (2004-2019)	Pollution, Grime or other environment problems	1 Yes 2 No

	(Pollution, grime or other environmental problems in area caused by traffic or industry)	
HS190 (2004-2019)	Crime, Violence or Vandalism in the area	1 Yes 2 No
HY010	Total household gross income	(-)999990 – 999990 income (national currency) without inflation factor
HY020	Total disposable household income	(-)999990 – 999990 income (national currency) without inflation factor
HY022	Total disposable household income before social transfers other than old-age and survivor's benefits	(-)999990 – 999990 income (national currency) without inflation factor
HY023	Total disposable household income before social transfers including old-age and survivor's benefits	(-)999990 – 999990 income (national currency) without inflation factor
HY040G/HY040N	Income from rental of a property or land	0 no income 10-999990 income(national currency)
HY050G/HY050N	Family/Children-related allowances	0 no income 10-999990 income(national currency)
HY051G (2014 onwards)	Family/Children-Related Allowances (Contributory and Means-tested) (2014 onwards )	0 no income 10-999990 income(national currency)
HY052G (2014 onwards)	Family/Children-Related allowances (Contributory and non means-tested) (2014 onwards )	0 no income 10-999990 income(national currency)
HY053G (2014 onwards)	Family/ Children-related allowances (Non Contributory and Means-tested) (2014 onwards )	0 no income 10-999990 income(national currency)
HY054G (2014 onwards)	Family/Children-Related Allowances ( Non Contributory and Non Means-tested) (2014 onwards )	0 no income 10-999990 income(national currency)
HY060G/HY060N	Social Exclusion supports not elsewhere classified e.g. Income support provided by local or central government and other cash benefits provided by non-profit organizations	0 no income 10-999990 income(national currency)
HY061G (2014 onwards)	Social Exclusion not elsewhere classified (Contributory and Means-Tested) (2014 onwards )	0 no income 10-999990 income(national currency)

HY062G (2014 onwards)	Social exclusion not elsewhere classified (Contributory and Non means-tested) (2014 onwards )	0 no income 10-999990 income(national currency)
HY063G (2014 onwards)	Social exclusion not elsewhere classified ( Non Contributory and means-tested) (2014 onwards )	0 no income 10-999990 income(national currency)
HY064G (2014 onwards)	Social exclusion not elsewhere classified ( Non Contributory and non means-tested) (2014 onwards )	0 no income 10-999990 income(national currency)
HY070G/HY070N	Housing Allowances	0 no income 10-999990 income(national currency)
HY071G (2014 onwards)	Housing allowances (Contributory and Means-Tested) (2014 onwards )	0 no income 10-999990 income(national currency)
HY072G (2014 onwards)	Housing Allowances (Contributory and Non means-tested) (2014 onwards )	0 no income 10-999990 income(national currency)
HY073G (2014 onwards)	Housing Allowances(Non Contributory and means-tested) (2014 onwards )	0 no income 10-999990 income(national currency)
HY074G (2014 onwards)	Housing Allowances (Non Contributory and Non Means-Tested) (2014 onwards )	0 no income 10-999990 income(national currency)
HY080G/HY080N	Regular inter-household cash transfer received	0 no income 10-999990 income(national currency)
HY081G/HY081N (2007 onwards)	Alimonies received (Compulsory + Voluntary)	0 no income 10-999990 income(national currency)
HY090G/HY090N	Interest, Dividends, Profit from Capital Investments in Unincorporated Business	0 no income 10-999990 income(national currency)
HY100G/HY100N	Interest Repayments on Mortgage	0 no income 10-999990 income(national currency)
HY110G/HY110N	Income received by people aged under 16	0 no income 10-999990 income(national currency)
HY120G/HY120N	Regular Taxes on Wealth	0 no income 10-999990 income(national currency)
HY130G/HY130N	Regular Inter-household cash transfer paid	0 no income 10-999990 income(national currency)
HY131G/HY131N (2007 onwards)	Alimonies paid	0 no income 10-999990 income(national currency)
HY140G/HY140N	Tax on Income and Social Contributions	0 no income 10-999990 income(national currency)
HY145N	Repayments/Receipts for Tax Adjustment paid	(-)999990 – 999990 income (national currency)



	to/received from the Tax Authorities related to the income received	
HY170G/HY170N (2010 onwards)	Value of goods produced for own consumption	0 no income 10-999990 income(national currency)
<b>P variables: Personal Data</b>		
PB150	Sex	1 Male 2 Female
PB190	Marital Status	1 Never married 2 Married 3 Separated 4 Widowed 5 Divorced
PB200 (2006 onwards)	Consensual Union	1 Yes on a legal basis 2 Yes without a legal basis 3 No
PB210 (2004-2020)	Country of Birth	IE Ireland UK United Kingdom USA United States Other Europe Other European Country Other Other Non-European Country
PE010	Current Education Activity	1 In education 2 Not in education
PE020 (2004-2020)	Highest ISCED Level currently attended	00 Early childhood education 10 Primary education 20 Lower secondary education 30 Upper secondary education 40 Post-secondary non tertiary education 50 Short cycle tertiary 60 Bachelor or equivalent 70 Master or equivalent 80 Doctorate or equivalent
PE021 (2021 onwards)	Highest ISCED Level currently attended	00 Early childhood education 10 Primary education 20 Lower secondary education 30 Upper secondary education 40 Post-secondary non tertiary education 50 Short cycle tertiary 60 Bachelor or equivalent 70 Master or equivalent 80 Doctorate or equivalent
PE030 (2004-2020)	Year when highest level of education was attained	Grouped 5 Year Brackets
PE040 (2004-2020)	Highest ISCED level attained	000 Less than primary education 100 Primary education 200 Lower secondary education 300 Upper secondary education (not further specified) Only for people 16-34: 34 General education

		<p>340 without distinction of direct access to tertiary education</p> <p>342 partial level completion and without direct access to tertiary education</p> <p>343 level completion, without direct access to tertiary education</p> <p>344 level completion, with direct access to tertiary education</p> <p>35 Vocational education</p> <p>350 without distinction of direct access to tertiary education</p> <p>352 partial level completion and without direct access to tertiary education</p> <p>353 level completion, without direct access to tertiary education</p> <p>354 level completion, with direct access to tertiary education</p> <p>400 Post-secondary non-tertiary education (not further specified) Only for people 16-34:</p> <p>440 General education</p> <p>450 Vocational education</p> <p>500 Short cycle tertiary</p> <p>600 Bachelor or equivalent</p> <p>700 Master or equivalent</p> <p>800 Doctorate or equivalent</p>
PE041 (2021 onwards)	Highest ISCED level attained	<p>00 No formal education or below ISCED 1</p> <p>10 ISCED 1 Primary education</p> <p>20 ISCED 2 Lower secondary education</p> <p>34 ISCED 3 Upper secondary education - general</p> <p>35 ISCED 3 Upper secondary education-vocational</p> <p>39 ISCED 3 Upper secondary education-orientation unknown</p> <p>40 ISCED 4 Post-secondary non-tertiary education</p> <p>50 ISCED 5 Short-cycle tertiary education</p> <p>60 ISCED 6 Bachelor's or equivalent level</p> <p>70 ISCED 7 Master's or equivalent level</p> <p>80 ISCED 8 Doctoral or equivalent level</p>
PH010	General Health	<p>1 Very good</p> <p>2 Good</p>

		3 Fair 4 Bad 5 Very bad
PH020	Suffer from any Chronic (Long-Standing) Illness or condition	1 Yes 2 No
PH030	Limitation in Activities because of health problems (General activity limitation)	1 Yes strongly limited 2 yes limited 3 Not limited
PH040	Unmet need for Medical examination or treatment during the last 12 months	1 Yes, there was at least one occasion when the person really needed medical examination or treatment but did not receive it 2 No, there was no occasion when the person really needed examination or treatment but did not receive it
PH050	Main reason for unmet need for Medical examination or treatment	1 Could not afford to 2 Waiting list 3 Could not take time because of work, care for children or others 4 Too far to travel/no means of transportation 5 Fear of doctor/hospitals/examination/treatment 6 Wanted to wait and see if the problem got better on its own 7 Didn't know any good doctor or specialist 8 Other reasons
PH060	Unmet need for Dental examination or treatment during the last 12 months	1 Yes, there was least one occasion when the person really needed dental examination or treatment but did not receive it 2 No, there was no occasion when the person really needed dental examination or treatment but did not receive it
PH070	Main reason for unmet need for Medical examination or treatment	1 Could not afford to 2 Waiting list 3 Could not take time because of work, care for children or others 4 Too far to travel/no means of transportation 5 Fear of dentist/hospitals/examination/treatment 6 Wanted to wait and see if the problem got better on its own 7 Didn't know any good doctor or specialist 8 Other reasons
PL015 (2004-2020)	Whether person has ever worked	1 Yes 2 No

PL016 (2021 onwards)	Existence of previous employment experience	1 Person has never been in employment 2 Person has employment experience limited to occasional work 3 Person has employment experience other than occasional work
PL020 (2004-2020)	Actively looking for a job (in the previous 4 weeks)	1 Yes 2 No
PL025 (2004-2020)	Available for work (In the next 2 weeks)	1 Yes 2 No
PL030 (2003 – 2008)	Self-Defined current economic status	1 Working full time 2 Working part-time 3 Unemployed 4 Pupil, student, further training, unpaid work experience 5 In retirement or in early retirement or has given up business 6 Permanently disabled or/and unfit to work 7 In compulsory military community or service 8 Fulfilling domestic tasks and care responsibilities 9 Other inactive person
PL031 (2009 -2020)	Self-Defined current economic status	1 Employee working fulltime 2 Employee working part 3 Self-employed working full-time 4 Self-employed working part-time 5 Unemployed 6 Pupil, student, further training, unpaid work experience 7 In retirement or in early retirement or has given up business 8 Permanently disabled or/and unfit to work 9 In compulsory military community or service 10 Fulfilling domestic tasks and care responsibilities 11 Other interactive person
PL032 (2021 onwards)	Self-Defined current economic status	1 Employed 2 Unemployed 3 Retired 4 Unable to work due to long-standing health problems 5 Student, pupil 6 Fulfilling domestic tasks 7 Compulsory military or civilian service 8 Other
PL035 (2004-2020)	Worked at least one hour during the previous week	1 Yes 2 No
PL040	Status in Employment	1 Self-employed with employees

	(current or last job)	2 Self-employed without employees 3 employee 4 Family worker
PL051	Occupation (ISCO-08 (COM)) (current or last job)	ISCO Code 08 (2 digits)
PL060	Number of hours usually worked per week in main job	1 – 80+ hours
PL070 (2004-2008)	Number of months spent at full-time work.	0 – 12 number of months
PL072 (2004-2008)	Number of months spent at part-time work	0 – 12 number of months
PL073 (2009 onwards)	Number of months spent at full-time work as employee	0 – 12 number of months
PL074 (2009 onwards)	Number of months spent at part-time work as employee	0 – 12 number of months
PL075 (2009 onwards)	Number of months spent at full time work as self-employed (including family worker)	0 – 12 number of months
PL076 (2009 onwards)	Number of months spent at part time work as self-employed (including family worker)	0 – 12 number of months
PL080	Number of months spent in unemployment	0 – 12 number of months
PL085	Number of months spent in retirement or early retirement	0 – 12 number of months
PL086 (2011 onwards)	Number of months spent as disabled or/and unfit to work	0 – 12 number of months
PL087	Number of months spent studying	0 – 12 number of months
PL089 (2011 onwards)	Number of months spent fulfilling domestic tasks and care responsibilities	0 – 12 number of months
PL090	Number of months spent in other inactivity	0 – 12 number of months
PL100	Total number of hours usually worked in second, third,...jobs	1 – 21+ hours
PL110 (2003 – 2008)	NACE Rev.1	A = Agriculture, Hunting and Forestry B = Fishing C = Mining and Quarrying D = Manufacturing E = Electricity, Gas and Water Supply F = Construction

		<p>G = Wholesale and Retail Trade; Repair of Motor Vehicles, Motorcycles and Personal and Household Goods</p> <p>H = Hotels and Restaurants</p> <p>I = Transport Storage and Communication</p> <p>J = Financial Intermediation</p> <p>K = Real Estate, Renting and Business Activities</p> <p>L = Public Administration and Defence, Compulsory Social Security</p> <p>M = Education</p> <p>N = Health and Social Work</p> <p>O = Other Community, Social and Personal Activities</p> <p>P = Private Households with Employed Persons</p> <p>Q = Extra-Territorial Organisations and Bodies</p>
PL111 (2008 onwards)	NACE Rev.2 (current or last job)	<p>A = Agriculture, Forestry, Fishing</p> <p>B = Mining and Quarrying</p> <p>C = Manufacturing</p> <p>D = Electricity, Gas, Steam &amp; Air-Con supply</p> <p>E = Water Supply, Sewage, Waste Management</p> <p>F = Construction</p> <p>G = Wholesale and Retail Trade; Repair of Motor Vehicles.</p> <p>H = Transportation &amp; Storage,</p> <p>I = Accommodation &amp; Food Services</p> <p>J = Information &amp; Communication</p> <p>K = Financial &amp; Insurance activities</p> <p>L = Real Estate Activities</p> <p>M = Professional, Scientific &amp; Technical Activities</p> <p>N = Administrative &amp; Support Services Activities</p> <p>O = Public Administration &amp; Defence</p> <p>P = Education</p> <p>Q = Human Health &amp; Social Work Activities</p> <p>R = Arts, Entertainment &amp; Recreation</p> <p>S=Other Service Activities</p> <p>T=Activities of Households as Employers</p> <p>U=Activities of Extra-Territorial Organisations</p>
PL120 (2004-2020)	Reason for working less than 30 hours in main and other jobs	<p>1 Undergoing education or training</p> <p>2 Personal illness or disability</p> <p>3 Want to work more hours but cannot find a job(s) or work(s) of more hours</p>

		<p>4 Do not want to work more hours</p> <p>5 Number of hours in all job(s) are considered as a full-time job</p> <p>6 Housework, looking after children or other persons</p> <p>7 Other reasons</p>
PL130 (2004-2020)	Number of persons working at the local unit	<p>1 – 10 exact number (if between 1 and 10)</p> <p>11 Between 11 and 19 persons</p> <p>12 Between 20 and 49 persons</p> <p>13 50 persons and more</p> <p>14 Do not know but less than 11 persons</p> <p>15 Do not know but more than 10 persons</p>
PL140 (2004-2020)	Type of contract	<p>1 Permanent job/work contract of unlimited duration</p> <p>2 Temporary job/work contract of limited duration</p>
PL141 (2021 onwards)	<p>Permanency of main job</p> <p>The variable refers to the current job. This question is addressed only to employees.</p>	<p>11 Fixed-term written contract</p> <p>12 Fixed-term verbal contract</p> <p>21 Permanent written contract</p> <p>22 Permanent verbal contract</p>
PL145 (2021 onwards)	<p>Full or part-time, main job (self-defined).</p> <p>The variable describes the usual time-involvement in the main job of a person in employment, based on the person's own perception (i.e. self-defined) of the usual hours worked in the main job. If the respondent has several jobs, the main job is the one where the respondent usually works the most hours.</p>	<p>1 Full-time job</p> <p>2 Part-time job</p>
PL150	Managerial Position	<p>1 Supervisory</p> <p>2 Non-supervisory</p>
PL160 (2007 -2020)	Change of Job since last year	<p>1 Yes</p> <p>2 No</p>
PL170 (2007 -2020)	Reason to Change job	<p>1 To take up or seek better job</p> <p>2 End of temporary contract</p> <p>3 Obligated to stop by employer (business closure, redundancy, early retirement,. Dismissal etc.)</p> <p>4 Sale or closure of own/family business</p>

		<p>5 Child care and care for other dependent</p> <p>6 Partner's job required us to move to another area or marriage</p> <p>7 Other reasons</p>
PL180 (2007 -2020)	Most recent change in the individual's activity status	<p>1 Employed – unemployed</p> <p>2 Employed – retired</p> <p>3 Employed – other inactive</p> <p>4 Unemployed – employed</p> <p>5 Unemployed – retired</p> <p>6 Unemployed – other inactive</p> <p>7 Retired – employed</p> <p>8 Retired – unemployed</p> <p>9 Retired – other inactive</p> <p>10 Other inactive – employed</p> <p>11 Other inactive – unemployed</p> <p>12 Other inactive – retired</p>
PL211A (2011 onwards)	Main Activity in January	<p>1 Employee working full-time</p> <p>2 Employee working part-time</p> <p>3 Self-employed working full-time (including family worker)</p> <p>4 Self-employed working part-time (including family worker)</p> <p>5 Unemployed</p> <p>6 Pupil, student, further training, unpaid work experience</p> <p>7 In retirement or in early retirement or has given up business</p> <p>8 Permanently disabled or/and unfit to work</p> <p>9 In compulsory military community or service</p> <p>10 Fulfilling domestic tasks and care responsibilities</p> <p>11 Other inactive person</p>
PL211B (2011 onwards)	Main Activity in February	<p>1 Employee working full-time</p> <p>2 Employee working part-time</p> <p>3 Self-employed working full-time (including family worker)</p> <p>4 Self-employed working part-time (including family worker)</p> <p>5 Unemployed</p> <p>6 Pupil, student, further training, unpaid work experience</p> <p>7 In retirement or in early retirement or has given up business</p> <p>8 Permanently disabled or/and unfit to work</p> <p>9 In compulsory military community or service</p>



		<p>10 Fulfilling domestic tasks and care responsibilities</p> <p>11 Other inactive person</p>
PL211C (2011 onwards)	Main Activity in March	<p>1 Employee working full-time</p> <p>2 Employee working part-time</p> <p>3 Self-employed working full-time (including family worker)</p> <p>4 Self-employed working part-time (including family worker)</p> <p>5 Unemployed</p> <p>6 Pupil, student, further training, unpaid work experience</p> <p>7 In retirement or in early retirement or has given up business</p> <p>8 Permanently disabled or/and unfit to work</p> <p>9 In compulsory military community or service</p> <p>10 Fulfilling domestic tasks and care responsibilities</p> <p>11 Other inactive person</p>
PL211D (2011 onwards)	Main Activity in April	<p>1 Employee working full-time</p> <p>2 Employee working part-time</p> <p>3 Self-employed working full-time (including family worker)</p> <p>4 Self-employed working part-time (including family worker)</p> <p>5 Unemployed</p> <p>6 Pupil, student, further training, unpaid work experience</p> <p>7 In retirement or in early retirement or has given up business</p> <p>8 Permanently disabled or/and unfit to work</p> <p>9 In compulsory military community or service</p> <p>10 Fulfilling domestic tasks and care responsibilities</p> <p>11 Other inactive person</p>
PL211E (2011 onwards)	Main Activity in May	<p>1 Employee working full-time</p> <p>2 Employee working part-time</p> <p>3 Self-employed working full-time (including family worker)</p> <p>4 Self-employed working part-time (including family worker)</p> <p>5 Unemployed</p> <p>6 Pupil, student, further training, unpaid work experience</p> <p>7 In retirement or in early retirement or has given up business</p>

		8 Permanently disabled or/and unfit to work 9 In compulsory military community or service 10 Fulfilling domestic tasks and care responsibilities 11 Other inactive person
PL211F (2011 onwards)	Main Activity in June	1 Employee working full-time 2 Employee working part-time 3 Self-employed working full-time (including family worker) 4 Self-employed working part-time (including family worker) 5 Unemployed 6 Pupil, student, further training, unpaid work experience 7 In retirement or in early retirement or has given up business 8 Permanently disabled or/and unfit to work 9 In compulsory military community or service 10 Fulfilling domestic tasks and care responsibilities 11 Other inactive person
PL211G (2011 onwards)	Main Activity in July	1 Employee working full-time 2 Employee working part-time 3 Self-employed working full-time (including family worker) 4 Self-employed working part-time (including family worker) 5 Unemployed 6 Pupil, student, further training, unpaid work experience 7 In retirement or in early retirement or has given up business 8 Permanently disabled or/and unfit to work 9 In compulsory military community or service 10 Fulfilling domestic tasks and care responsibilities 11 Other inactive person
PL211H (2012 onwards)	Main Activity in August	1 Employee working full-time 2 Employee working part-time 3 Self-employed working full-time (including family worker) 4 Self-employed working part-time (including family worker) 5 Unemployed

		<p>6 Pupil, student, further training, unpaid work experience</p> <p>7 In retirement or in early retirement or has given up business</p> <p>8 Permanently disabled or/and unfit to work</p> <p>9 In compulsory military community or service</p> <p>10 Fulfilling domestic tasks and care responsibilities</p> <p>11 Other inactive person</p>
PL211I (2011 onwards)	Main Activity in September	<p>1 Employee working full-time</p> <p>2 Employee working part-time</p> <p>3 Self-employed working full-time (including family worker)</p> <p>4 Self-employed working part-time (including family worker)</p> <p>5 Unemployed</p> <p>6 Pupil, student, further training, unpaid work experience</p> <p>7 In retirement or in early retirement or has given up business</p> <p>8 Permanently disabled or/and unfit to work</p> <p>9 In compulsory military community or service</p> <p>10 Fulfilling domestic tasks and care responsibilities</p> <p>11 Other inactive person</p>
PL211J (2011 onwards)	Main Activity in October	<p>1 Employee working full-time</p> <p>2 Employee working part-time</p> <p>3 Self-employed working full-time (including family worker)</p> <p>4 Self-employed working part-time (including family worker)</p> <p>5 Unemployed</p> <p>6 Pupil, student, further training, unpaid work experience</p> <p>7 In retirement or in early retirement or has given up business</p> <p>8 Permanently disabled or/and unfit to work</p> <p>9 In compulsory military community or service</p> <p>10 Fulfilling domestic tasks and care responsibilities</p> <p>11 Other inactive person</p>
PL211K (2011 onwards)	Main Activity in November	<p>1 Employee working full-time</p> <p>2 Employee working part-time</p> <p>3 Self-employed working full-time (including family worker)</p>

		<p>4 Self-employed working part-time (including family worker)</p> <p>5 Unemployed</p> <p>6 Pupil, student, further training, unpaid work experience</p> <p>7 In retirement or in early retirement or has given up business</p> <p>8 Permanently disabled or/and unfit to work</p> <p>9 In compulsory military community or service</p> <p>10 Fulfilling domestic tasks and care responsibilities</p> <p>11 Other inactive person</p>
PL211L (2011 onwards)	Main Activity in December	<p>1 Employee working full-time</p> <p>2 Employee working part-time</p> <p>3 Self-employed working full-time (including family worker)</p> <p>4 Self-employed working part-time (including family worker)</p> <p>5 Unemployed</p> <p>6 Pupil, student, further training, unpaid work experience</p> <p>7 In retirement or in early retirement or has given up business</p> <p>8 Permanently disabled or/and unfit to work</p> <p>9 In compulsory military community or service</p> <p>10 Fulfilling domestic tasks and care responsibilities</p> <p>11 Other inactive person</p>
PY010G/PY010N	Employee cash or near cash income	<p>0 no income</p> <p>10-999990 income(national currency)</p>
PY020G/PY020N	Non-Cash employee income	<p>0 no income</p> <p>10-999990 income(national currency)</p>
PY021G/PY021N (2007 onwards)	Company Car income	<p>0 no income</p> <p>10-999990 income(national currency)</p>
PY030G	Employer's Social Insurance Contribution	<p>0 no income</p> <p>10-999990 income(national currency)</p>
PY031G (2007 -2020)	Optional Employer's social insurance contributions	<p>0 no income</p> <p>10-999990 income(national currency)</p>
PY035G/PY035N	Contributions to individuals private pension plans	<p>0 no income</p> <p>10-999990 income(national currency)</p>
PY050G/PY050N	Cash benefits or losses from self-employment	<p>(-)999990 – 999990 income (national currency)</p>
PY080G/PY080N	Pension from individual private plans	<p>0 no income</p> <p>10-999990 income(national currency)</p>

PY090G/PY090N	Unemployment benefits	0 no income 10-999990 income(national currency)
PY100G/PY100N	Old-age benefits	0 no income 10-999990 income(national currency)
PY110G/PY110N	Survivor's benefits	0 no income 10-999990 income(national currency)
PY120G/PY120N	Sickness benefits	0 no income 10-999990 income(national currency)
PY130G/PY130N	Disability benefits	0 no income 10-999990 income(national currency)
PY140G/PY140N	Education-related allowances	0 no income 10-999990 income(national currency)
PY091G (2014 onwards)	Unemployment Benefits (Contributory and Means Tested) (2014 onwards )	0 no income 10-999990 income(national currency)
PY092G (2014 onwards)	Unemployment benefits (Contributory and Non Means-tested) (2014 onwards )	0 no income 10-999990 income(national currency)
PY093G (2014 onwards)	Unemployment benefits (Non Contributory and Means-tested) (2014 onwards )	0 no income 10-999990 income(national currency)
PY094G (2014 onwards)	Unemployment benefits (Non Contributory and Non Means-tested) (2014 onwards )	0 no income 10-999990 income(national currency)
PY101G (2014 onwards)	Old-age benefits (Contributory and Means- tested) (2014 onwards )	0 no income 10-999990 income(national currency)
PY102G (2014 onwards)	Old-age benefits (Contributory and non Means-tested) (2014 onwards )	0 no income 10-999990 income(national currency)
PY103G (2014 onwards)	Old-age benefits (Non Contributory and Means- tested) (2014 onwards )	0 no income 10-999990 income(national currency)
PY104G (2014 onwards)	Old-age benefits (Non Contributory and Non Means-tested) (2014 onwards )	0 no income 10-999990 income(national currency)
PY111G (2014 onwards)	Survivor's benefits (Contributory and Means- Tested) (2014 onwards )	0 no income 10-999990 income(national currency)

PY112G (2014 onwards)	Survivor's benefits (Contributory and non Means-Tested) (2014 onwards )	0 no income 10-999990 income(national currency)
PY113G (2014 onwards)	Survivor's benefits (Non Contributory and Means- Tested) (2014 onwards )	0 no income 10-999990 income(national currency)
PY114G (2014 onwards)	Survivor's benefits (Non Contributory and Non Means-Tested) (2014 onwards )	0 no income 10-999990 income(national currency)
PY121G (2014 onwards)	Sickness Benefits (Contributory and Means- Tested) (2014 onwards )	0 no income 10-999990 income(national currency)
PY122G (2014 onwards)	Sickness Benefits (Contributory and non Means-Tested) (2014 onwards )	0 no income 10-999990 income(national currency)
PY123G (2014 onwards)	Sickness Benefits (Non Contributory and Means- Tested) (2014 onwards )	0 no income 10-999990 income(national currency)
PY124G (2014 onwards)	Sickness Benefits (Non Contributory and Non Means-Tested) (2014 onwards )	0 no income 10-999990 income(national currency)
PY131G (2014 onwards)	Disability Benefits (Contributory and Means- Tested) (2014 onwards )	0 no income 10-999990 income(national currency)
PY132G (2014 onwards)	Disability Benefits (Contributory and non Means-Tested) (2014 onwards )	0 no income 10-999990 income(national currency)
PY133G (2014 onwards)	Disability Benefits (Non Contributory and Means- Tested) (2014 onwards )	0 no income 10-999990 income(national currency)
PY134G (2014 onwards)	Disability Benefits (Non Contributory and Non Means-Tested) (2014 onwards )	0 no income 10-999990 income(national currency)
PY141G (2014 onwards)	Education-related Allowances (Contributory and Means-Tested) (2014 onwards )	0 no income 10-999990 income(national currency)
PY142G (2014 onwards)	Education-related Allowances (Contributory and Non Means-Tested) (2014 onwards )	0 no income 10-999990 income(national currency)
PY143G (2014 onwards)	Education-related Allowances (Non Contributory and Means- Tested) (2014 onwards )	0 no income 10-999990 income(national currency)

PY144G (2014 onwards)	Education-related Allowances (Non Contributory and Non Means-Tested) (2014 onwards )	0 no income 10-999990 income(national currency)
PY200G (2004-2019)	Gross Monthly Earnings for Employees	(- )999990 – 999990 income (national currency)
PD020 (2013 onwards)	Replace worn-out clothes by some new (not second-hand) ones	1 Yes 2 No – cannot afford it 3 No – other reason
PD030 (2013 onwards)	Two pairs of properly fitting shoes (including a pair of all-weather shoes)	1 Yes 2 No – cannot afford it 3 No – other reason
PD050 (2013 onwards)	Get together with Friends/Family (relatives) for a drink/meal at least once a month	1 Yes 2 No – cannot afford it 3 No – other reason
PD060 (2013 onwards)	Regularly participate in a leisure activity	1 Yes 2 No – cannot afford it 3 No – other reason
PD070 (2013 onwards)	Spend a small amount of money each week on yourself	1 Yes 2 No – cannot afford it 3 No – other reason
PD080 (2013 onwards)	Internet Connection	1 Yes 2 No – cannot afford it 3 No – other reason

## Appendix 1: Changing Variable Codes

Variable Code Current	Previously	Year Changed/ Introduced	Reason
PL051	PL050	2011	Changed when ISCO-88 was replaced with ISCO-08.
PL111	N/A	2008	NACE classification was changed from NACE 1.1 to NACE 2.
HH021	HH020	2011	Changed to include more answer options
HH071	HH071	2011	Introduced new Variable
HH081	HH080	2010	Changed to include more answer options
HH091	HH090	2010	Changed to include more answer options
HS011	HS010	2008	Changed to include more answer options
HS021	HS020	2010	Changed to include more answer options
HS031	HS030	2010	Changed to include more answer options
PD050	N/A	Trialled 2009, introduced in 2013	
PD060	N/A	Trialled 2009, introduced in 2013	
PD070	N/A	Trialled 2009, introduced in 2013	
PD080	PD090(in 2013 only) introduced in 2015	2015	Introduced to account for personal internet connection
PE010	PE010	2014	Changed from ISCED-97 to ISCED 2011
PL031	PL030	2009	Changed to include more answer options
PL073	PL070	2009	Changed the wording
PL074	PL074	2009	Changed the wording
PL086	N/A	2011	Introduced to account for disabled persons
PL089	N/A	2011	Introduced to account for home duties
PL111	PL110	2008	Changed from NACE Rev.1 to NACE Rev.2
PL211A-PL211L	PL210A-PL210L	2010	Changed to include more answer options