



An  
Phríomh-Oifig  
Staidrimh

Central  
Statistics  
Office

## LABOUR FORCE SURVEY CODEBOOK FOR ANONYMISED MICRODATA FILES

**Issued by:**  
**The Central Statistics Office**  
**Skehard Road, Cork**

Version No.	Date	Purpose/Changes	Author
	21 October 2021	Issued Q1 and Q2 2021 Files	J Dalton
		Please note a new EU Regulation came into force from January 2021. Please see sections 1.2 to 1.4 for details.	
		The codebook and data files have been adapted and updated to reflect the naming terminology under the new Regulation	
	13 Dec 2021	Issued Q3 2021 data	J Dalton
		Concordance file issued also – compares format of variables pre and post 2021 which reflect changes due to IESS.	J. Dalton
	12 July 2022	Issuing Q4 2021 and Q1 2022 data. COUNTRYB_SUMMARY updated and checked.	Sam Scriven
	13 September 2022	Issuing Q2 2022	Sam Scriven
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	23 October 2023	Issuing Q2 2023	Sam Scriven
	26 January 2024	Issuing Q3 2023 .CSV files disseminated in favour of .STATA	Sam Scriven
	30 August 2024	Issuing Q4 2023, Q1 2024 and Q2 2024	Colin Hanley
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## **1 Background information**

### **1.1 Introduction**

The Labour Force Survey (LFS) replaced the Quarterly National Household Survey (QNHS) from Q3 2017 and is now the official source used to produce quarterly labour force estimates. The new survey meets the requirements of Council Regulation (EC) No. 577/98, adopted in March 1998 which requires the introduction of quarterly labour force surveys in EU member states.

The data series on this file contains a revised series to Q1 1998 which reflects the revised population estimates from Census 2016, adjustments to Agriculture, Forestry and Fishing sector estimates (Q1 2009 – Q3 2013) and adjustments to the level of the LFS.

### **1.2 New Regulatory framework from January 2021**

The survey meets the requirements of Regulation (EU) 2019/1700 of the European Parliament and of the Council of 10 October 2019. This is a new framework regulation governing the production of European Statistics on persons and households (Integration European Social Statistics framework regulation – IESS FR) which came into force on 1 January 2021. The IESS FR regulation replaces Council Regulation (EC) No. 577/98, adopted in March 1998 and covers various domains of social statistics including labour market statistics. It aims to ensure that social statistics based on sample surveys such as the Labour Force Survey (LFS), are produced in a more harmonised and coordinated manner across Europe.

Please see the following technical and information notes for further information on the impact of the IESS on the Labour Force Survey.

<https://www.cso.ie/en/releasesandpublications/ep/p-lfs/labourforcesurveyquarter12021/technicalnote/>

<https://www.cso.ie/en/releasesandpublications/in/lfs/implicationsoftheimplementationoftheintegrationofeuropeansocialstatisticsiessframeworkregulationonlabourmarketstatisticsinirelandin2021/>

### **1.3 Impact of new Regulatory Framework from January 2021**

The CSO had to introduce changes to the LFS questionnaire from Q1 2021 because of this regulatory framework. These included the addition of some new questions, the removal of some and changes to others in terms of response options and frequency of collection.

There have also been changes to the order of the questions as the flow of the LFS questionnaire across Europe is now more prescribed and harmonised under the IESS Regulation.

Please see the following links:

LFS Questionnaires

<https://www.cso.ie/en/methods/surveyforms/labourforcesurvey/>

EU Regulation 2019/1700

<https://eur-lex.europa.eu/legal-content/EN/TXT/PDF/?uri=CELEX:32019R1700&from=EN>

EU-LFS Methodology from Q1 2021 onwards

[https://ec.europa.eu/eurostat/statistics-explained/index.php?title=EU\\_Labour\\_Force\\_Survey\\_-\\_new\\_methodology\\_from\\_2021\\_onwards](https://ec.europa.eu/eurostat/statistics-explained/index.php?title=EU_Labour_Force_Survey_-_new_methodology_from_2021_onwards)

## 1.4 Changes to Irish Labour Force Survey

As mentioned above, there are changes to the variables contained in the micro data sets and the following table summarises such changes. Full details of each variable are contained in the codebook which accompanies the files.

Data on the nationality of respondents is no longer required under the new Regulation and this has been replaced by citizenship. Please see note below this table for details of this change.

<b>OLD</b>	<b>NEW</b>
ILO	ILOSTAT
	Employment and Labour Force now limited to persons aged 15-89 years compared to 15+ years previously
HWOVERP/HWOVERPU	EXTRAHRS
EXIST2J	NUMJOB
EDUCSTAT	EDUCFED4
EDULEVL	EDUCLEV4
COURATT	EDUCNFE4
HOMEWK	HOMEWORK
NATIONAL_SUMMARY - various versions	CITIZENSHIP_SUMMARY – see below
<b>NEW VARIABLES</b>	
QM1-QM9 - method used to find work	replaces METHODDA-METHODM from Q1 2021
ACTMETNE	Having used an active search method (QM1-QM9) to find work
FINDMETH	
<b>VARIABLES NO LONGER AVAILABLE ON A QUARTERLY BASIS</b>	
HATFIELD	
SHIFTWK	
NIGHTWK	
EVENWK	
SATWK	
SUNWK	
TEMPREAS	
SUPVISOR	

### Nationality variable replaced by Citizenship variable

The 'Nationality' variable has been replaced by the 'Citizenship' variable under the new IESS regulation which came into force on 1st January 2021. The CSO has actually been collecting citizenship data since Q3 2017 when the QNHS was replaced by the LFS. Prior to Q3 2017, respondents were asked whether they were Irish citizens or not. If they were Irish citizens, they were

presumed to be Irish Nationals. If a person said they were not an Irish citizen, they were then asked their nationality.

The following are the questions from the QNHS questionnaire:

**31. IRISHNAT**  
*Ask all*

<b>Are you an Irish citizen?</b>
1. Yes
2. No

NOTE: Some people may have dual nationality. This is not the point of this question. We only need to know if the person is an Irish citizen or not.  
Be aware of households where parents may be Irish nationals having returned from abroad but with children who were born elsewhere. It cannot be assumed that Irish-born parents or Irish nationals automatically have Irish and Irish-born children.

**32. NATIONAL**  
*If IRISHNAT=2*  
*If the respondent is not an Irish citizen*

<b>What is your Nationality?</b>

From Q3 2017, the question was changed as follows:

## 64. Citizenship

### IrishNat

#### BLAISE: Prefill instruction

Blaise: Prefill: YES ( From previous WAVE data )

#### BLAISE: Autofill instruction

Blaise: Autofill: YES ( (WAVE = 2,3,4,5) and ( IrishNatConfirm = "Yes")) then IrishNat = "Yes" IF IRISHNATCONFIRM = "No" then IRISHNAT = "No")

#### Question

Are you (if proxy: Is (name) an Irish citizen?

#### Instructions

1	Yes
2	No

#### Conditions

- Individual details and Demographic background

If wave = 1 or new\_interview = 1

## 65. Non Irish citizenship details

### ◆ National

**BLAISE INSTRUCTION: Prefill instruction**

Blaise: Prefill: Yes

**BLAISE INSTRUCTION: Autofill instruction**

Blaise: Autofill Answer: Yes ( "IE" when IrishNat = "Yes")

**BLAISE INSTRUCTION: Prefill instruction**

Blaise: Prefill Answer: Yes (National\_prev = National when IrishNat = "No")

**BLAISE INSTRUCTION: Lookup instruction**

Blaise: Provide a list of nationalities via a lookup for interviewer / respondent to use to identify citizenship

50

**BLAISE INSTRUCTION: Screen note**

Blaise: Add note to screen in blue

**Question**

What is your (if proxy: is (name's)) country of citizenship?

So, in effect there is a continuous series for Irish citizenship while nationality for non-Irish citizens was collected until Q2 2017. The country of birth variable (countryb\_aggregate) could however be used as a proxy for nationality post Q2 2017. While the differences in terms of volumes between citizenship and country of birth are larger, the percentage shares between the broad groups in Annex 1 of the core releases tables are no more than 2 % points throughout the full data series.

## 1.5 Reference period

Information is collected continuously throughout the year from households surveyed each week. The LFS is conducted on a calendar basis as was the QNHS since Q1 2009. The QNHS was conducted on a seasonal quarter basis when first introduced in Q4 1997 up to Q4 2008. Calendar quarter data for 1998 to 2008 inclusive has been rebuilt from the original data collected for the seasonal quarters.

The reference quarters for survey results are now calendar based and are:

- Q1 January to March
- Q2 April to June
- Q3 July to September
- Q4 October to December



## **1.6 Data collection**

The LFS is conducted using mixed mode data collection with the introduction of Computer Assisted Telephone Interviewing (CATI). As with the QNHS, information is collected from each sample household over 5 successive quarters or Waves. However in the LFS, the first interview is conducted by a team of face-to-face interviewers using Computer Assisted Personal Interviewing (CAPI). The four follow-up interviews are conducted using CATI from a dedicated call centre, where householders have agreed to conduct a telephone interview, and are conducted using face-to-face interviews where householders have not agreed to conduct a telephone interview.

Please note that context of the COVID-19 Pandemic and the associated public health measures, all face-to-face interviews for Social Surveys have been suspended by the CSO. As a result, all LFS interviews are now being carried out using CATI. Please see the attached for further details:

<https://www.cso.ie/en/csolatestnews/pressreleases/2020pressreleases/presstatementcovid-19pandemicandtheproductionofofficialstatistics/>

## **1.7 Grossing of results**

Survey results are weighted to agree with population estimates broken down by age, sex and region and are also calibrated to nationality control totals. Up to and including Q1 2006 the annual population estimates had been calculated using the de facto definition of population (i.e. all persons present in the State). From Q2 2006 onwards a new concept of usual residence is used (i.e. all persons usually resident and present in the state plus absent persons who are usually resident but are temporarily away from home and outside the state). The population estimates for April of each year are published in a separate release.

## **1.8 Non-response adjustment**

The CSO has introduced a non-response adjustment into the weighting procedure for the LFS from Q3 2017 onwards. The adjustment applies extra weight to the groups who tend to be less likely to respond to the survey to make the results from the achieved sample more representative of the target sample and target population.

Typically, non-response occurs when households that are sampled, and that are eligible for the survey, do not provide the requested information. This can lead to biased survey estimates if specific groups within the population are over or under-represented and if these groups behave differently with respect to the survey variables (i.e. labour market outcomes).

## **1.9 Census of Population 2016**

As the LFS (and previously the QNHS) is a sample survey, independent population estimates are required each quarter to provide a weighting basis for the labour market statistics produced. The process of deriving these population totals involves using the population counts from the most recent Census of Population as a base, and updating these each quarter using information on births, deaths and migration for that quarter. These population estimates are then revised once a new Census of Population has been completed.

With the availability of results from the Census of Population 2016, the CSO has revised the population estimates for 2011 to 2016. Estimates of the number of persons employed and unemployed have been revised in line with the higher population totals.

### **1.10 Review of Agriculture, Forestry and Fishing sector estimates (Q 2009 to Q3 2013)**

The CSO has reviewed the previously published Agriculture, Forestry and Fishing sector estimates for the Q1 2009 to Q3 2013 period to address issues previously identified in this sector. As a result, estimates for this period for the sector have been revised resulting in a consistent series over that period. These revisions to the sector also result in minor revisions to other NACE Rev. 2 sectors over the period.

This revision was undertaken as the CSO previously undertook an analysis of the trend in of employment in this sector over the period and the analysis showed that the trend was influenced by the introduction of a sample which commenced in Q1 2009 and was included until Q3 2013.

The new estimates have been produced by examining the trend recorded in the sector between the Censuses of Population 2006 and 2011 by region and sex. These trends have now been used to derive new estimates of employment in the sector for Q2 2011 and these new benchmarks have been used to produce new estimates for all quarters which needed to be revised.

Administrative data sources related to the Agriculture, Forestry and Fishing sector were also examined for the period in question. The examination of this data indicated that the sector could have been expected to have been largely unchanged over the period and the new updated LFS series for this sector now reflects this expectation.

### **1.11 Back-casting of Headline Indicators**

The new LFS saw the introduction of Computer Assisted Telephone Interviewing (CATI), a redesigned questionnaire and enhancements to the survey methodology.

The introduction of such large-scale changes has inevitably lead to discontinuity in some series and this is in line with international experience of introducing such large scale changes.

To minimise the breaks in series to the key survey estimates, the CSO has created a back-casted QNHS series from Q1 1998 to Q2 2017. These back-cast series have been created using scaling factors from a comparison of data captured from a parallel run of the QNHS and LFS at the beginning of 2017.

In Q1 2018, the back-casted series was extended to included NUTS Regions (pre-Q1 2018), Occupation groups and Highest level of education completed.

It was not possible, however, to control for all the series included in the QNHS release. Therefore, other than the indicator series described above, there may be changes in the levels of other series from Q3 2017 onwards and consequently users should exercise caution when comparing data from before and after this period.

### **Impact on existing Labour Market estimates**

The previously published estimates for the series which were already controlled for in the back-casting solution in Q3 2017 are not impacted by the addition of these three series in Q1 2018;

- All regional data has been revised from Q2 2017 to Q1 1998 based on the NUTS3 regional classification which was used until Q4 2017;
- The classification system for occupations was last updated in Q1 2007 with the result that there was a break in series from that point in time. As a result, the previously published series

for occupation groups has now been revised from Q2 2017 to Q1 2007. This revision enables comparability of occupation group data from Q1 2007 to date;

- The underlying classification for the education attainment series was last updated in Q1 2014 and consequently there is a break in series from that point in time. The educational attainment series has therefore been revised from Q2 2017 back to Q1 2014 and this revision enables comparability of educational attainment data from Q1 2014 to date.

Following are details the full list of indicators that are now included in the back-casting solution as of Q1 2018. It should be noted that there may be changes in the levels of other series not included in this solution from Q3 2017 onwards. Consequently, such series before and after the introduction of the LFS may not be comparable and users should therefore note this when examining annual and quarterly changes.

#### **Final indicators included in the back-casting of LFS data as of Q1 2018**

- ILO status (Employed, Unemployed, Inactive) by sex (Male and Female) and by age (15-24 years and 25+ years)
- NACE Rev. 2 groups (table 2 of the LFS release) by sex (Male and Female)
- NUTS3 Regions (pre-Q1 2018 groupings) by Labour Force ILO status (Employed and Unemployed)
- Occupation groups (table 4 of the LFS release);
- Highest level of education completed (supplementary table 8 of the LFS release) by sex (Male and Female).

#### **1.12 Revisions to composition of NUTS Regions**

The NUTS boundaries were amended on 21<sup>st</sup> November 2016 under Regulation (EC) No.2066/2016 and took effect from 1<sup>st</sup> January 2018. Please see the following link for further details:

<http://ec.europa.eu/eurostat/web/nuts/history>

As a result, new NUTS (regional classification) groupings have been introduced for Ireland. At NUTS3 level, County Louth has moved from the Border to the Mid-East region and what was formerly South Tipperary has moved from the South-East to the Mid-West Region. At NUTS2 level, the change sees the number of regions increase from two to three. Please see Appendices 9 and 10 for the new and old classifications.

As the CSO weights results in the LFS using NUTS3 groups, survey estimates have been revised to take account of these changes. While the above regulation requires Ireland to revise survey estimates from Q1 2013, the CSO has further extended the revision to Q1 2012. This reweighted data is published with

the Q1 2018 results and users should note that there is a break in the regional data series from Q1 2012 as the results for the period Q1 1998 to Q4 2011 are published using the old NUTS groupings.

It can be noted that the regional reweighting does not have a significant impact on the headline indicators previously published.

### **1.13 Production of Estimates and Reliability:**

#### **The following should be noted in terms of producing estimates:**

Estimates for number of persons where there are less than 30 persons in a cell are too small to be considered reliable. These estimates are presented with an asterisk (\*) in the relevant tables when published by the CSO.

Where there are 30-49 persons in a cell, estimates are considered to have a wider margin of error and should be treated with caution. These cells are presented with parentheses [ ] when published by the CSO.

In the case of rates, these limits apply to the denominator used in generating the rate.

In addition to the above, researchers should note that these are the **minimum** standards applied by CSO; that is CSO will not publish anything that does not meet that standard. However, CSO also requires researchers to note that judgment will still be required on the robustness of estimates above this level, i.e. meeting these minimum thresholds cannot be taken to indicate the estimates are fully robust in all cases. Specifically, in the case of issues which are related to nationality (a respondent's nationality, their country of birth etc.) particular caution must be taken. It should also be noted that the above is not limited to nationality variables only.

**Therefore, the CSO notes that researcher's judgment must apply in all cases and researchers must take full ownership of the conclusions they draw, i.e. CSO do not peer review conclusions drawn or inferred.**

### **1.14 Breaks in Series:**

It is the responsibility of users to ensure that they take account of coding changes across quarters. Coding changes are highlighted below.

### **1.15 Unemployment rates**

#### **The following should be noted in terms of calculation of unemployment rates:**

The Central Statistics Office introduced minor methodological changes in Quarter 2 2015 to the calculation of published national unemployment rates to ensure consistency with results produced by Eurostat. Changes were also introduced to ensure consistency between the calculation of the seasonally adjusted quarterly unemployment rates and new seasonally adjusted monthly unemployment rates. The overall impact of these changes is minimal. Further information on these changes and their impact is provided in the Background Notes of the Quarter 2 2015 release.

To ensure coherence with Unemployment Rates produced by Eurostat, the CSO has introduced methodological changes as of Q2 2015. Previously the Unemployment Rate was calculated as the number of unemployed expressed as a percentage of the total labour force aged 15 and over. The changes

introduced limit the labour force to persons aged 15-74 and this excludes a small number of persons aged 75 and over in employment from the total labour force used in the calculation. The overall impact of this change is minimal, i.e. the effect is to increase the unemployment rate for All Persons by 0.1 percentage points in seven of the last thirteen quarters.

Monthly unemployment estimates were introduced by the CSO in June 2015 for reference month May and the latest estimates for reference month August were published on September 1<sup>st</sup>. In line with Eurostat practice, the seasonally adjusted quarterly unemployment volumes and rates included in Table 3 of the quarterly QNHS release are now calculated as the average of the relevant 3 months of the quarter from the new monthly unemployment series. This approach ensures consistency between these new seasonally adjusted monthly series and the seasonally adjusted quarterly series. The overall impact of this change is minimal, i.e. the effect is to increase the seasonally unemployment rate for All Persons by 0.1 percentage points in three of the last thirteen quarters, decrease it by 0.1 percentage points in four of the last thirteen quarters while it is unchanged in six.

## 2. Results Overview

### 2.1 Contents

The number of observations and available for each dataset are included below for reference.

<b>Quarter</b>	<b>Number of observations</b>
Q1 1998	104,812
Q2 1998	109,225
Q3 1998	107,443
Q4 1998	108,381
Q1 1999	108,807
Q2 1999	108,985
Q3 1999	107,113
Q4 1999	106,238
Q1 2000	105,821
Q2 2000	105,683
Q3 2000	106,699
Q4 2000	108,026
Q1 2001	106,168
Q2 2001	105,371
Q3 2001	104,231
Q4 2001	106,909
Q1 2002	106,842
Q2 2002	104,265
Q3 2002	99,422
Q4 2002	100,988
Q1 2003	103,179
Q2 2003	98,626
Q3 2003	95,216
Q4 2003	96,571
Q1 2004	88,939
Q2 2004	87,396
Q3 2004	81,747
Q4 2004	88,351
Q1 2005	87,860
Q2 2005	91,883
Q3 2005	89,246
Q4 2005	91,176
Q1 2006	87,219
Q2 2006	85,910
Q3 2006	78,444
Q4 2006	82,730
Q1 2007	80,496
Q2 2007	84,830
Q3 2007	75,185
Q4 2007	78,528
Q1 2008	72,677
Q2 2008	76,249
Q3 2008	67,615
Q4 2008	61,752
Q1 2009	70,485
Q2 2009	70,937

Q3 2009	66,647
Q4 2009	65,053
Q1 2010	63,333
Q2 2010	64,815
Q3 2010	58,671
Q4 2010	59,509
Q1 2011	57,162
Q2 2011	59,361
Q3 2011	56,262
Q4 2011	55,420
Q1 2012	55,094
Q2 2012	62,424
Q3 2012	58,765
Q4 2012	57,879
Q1 2013	55,067
Q2 2013	53,249
Q3 2013	49,518
Q4 2013	51,403
Q1 2014	52,381
Q2 2014	52,763
Q3 2014	52,915
Q4 2014	50,515
Q1 2015	49,197
Q2 2015	50,939
Q3 2015	47,110
Q4 2015	45,047
Q1 2016	41,286
Q2 2016	44,048
Q3 2016	42,059
Q4 2016	42,853
Q1 2017	44,027
Q2 2017	41,315
Q3 2017	33,620
Q4 2017	34,419
Q1 2018	35,635
Q2 2018	35,830
Q3 2018	36,399
Q4 2018	36,455
Q1 2019	38,701
Q2 2019	36,385
Q3 2019	35,828
Q4 2019	37,297
Q1 2020	34,831
Q2 2020	30,666
Q3 2020	30,620
Q4 2020	30,950
Q1 2021	28,172
Q2 2021	26,269
Q3 2021	28,647
Q4 2021	29,485
Q1 2022	29,931
Q2 2022	30,708
Q3 2022	30,181

Q4 2022	30,776
Q1 2023	30,798
Q2 2023	30,527
Q3 2023	31,160
Q4 2023	31,435
Q1 2024	30,893
Q2 2024	31,122
Q3 2024	30,635



## 2.2 Reference results

The principle results for the number of persons (in thousands) employed, number of persons unemployed and the total labour force are included below for reference.

	<b>Employment</b>	<b>Unemployment</b>	<b>Labour Force</b>
Q1 1998	1,550.3	148.7	1,699.0
Q2 1998	1,572.0	138.7	1,710.7
Q3 1998	1,636.3	130.4	1,766.7
Q4 1998	1,615.7	108.8	1,724.6
Q1 1999	1,644.4	109.2	1,753.6
Q2 1999	1,679.2	110.6	1,789.8
Q3 1999	1,746.8	102.2	1,849.0
Q4 1999	1,723.1	90.8	1,813.9
Q1 2000	1,726.8	86.4	1,813.2
Q2 2000	1,758.2	87.6	1,845.8
Q3 2000	1,818.4	82.0	1,900.4
Q4 2000	1,787.6	68.8	1,856.3
Q1 2001	1,780.4	72.9	1,853.2
Q2 2001	1,809.7	77.8	1,887.5
Q3 2001	1,866.8	87.8	1,954.6
Q4 2001	1,833.1	79.7	1,912.8
Q1 2002	1,825.1	85.7	1,910.8
Q2 2002	1,840.3	91.8	1,932.1
Q3 2002	1,883.6	91.2	1,974.7
Q4 2002	1,850.3	97.2	1,947.6
Q1 2003	1,855.6	93.2	1,948.8
Q2 2003	1,874.0	96.7	1,970.7
Q3 2003	1,912.8	103.9	2,016.7
Q4 2003	1,899.4	89.3	1,988.7
Q1 2004	1,902.3	101.8	2,004.1
Q2 2004	1,925.8	97.0	2,022.8
Q3 2004	1,984.1	96.6	2,080.7
Q4 2004	1,973.8	90.9	2,064.7
Q1 2005	1,989.7	91.2	2,080.9
Q2 2005	2,018.0	106.3	2,124.3
Q3 2005	2,073.3	106.0	2,179.4
Q4 2005	2,070.0	91.9	2,162.0
Q1 2006	2,082.3	101.5	2,183.8
Q2 2006	2,109.0	108.7	2,217.6
Q3 2006	2,159.1	116.8	2,275.9
Q4 2006	2,166.8	98.3	2,265.2
Q1 2007	2,185.6	111.2	2,296.8
Q2 2007	2,211.8	120.1	2,331.9
Q3 2007	2,251.0	119.7	2,370.7

Q4 2007	2,230.7	114.7	2,345.4
Q1 2008	2,217.8	124.4	2,342.1
Q2 2008	2,217.8	144.5	2,362.3
Q3 2008	2,209.4	180.9	2,390.3
Q4 2008	2,145.6	189.4	2,335.0
Q1 2009	2,054.5	247.6	2,302.1
Q2 2009	2,028.6	299.4	2,328.0
Q3 2009	2,006.2	315.1	2,321.3
Q4 2009	1,970.6	300.9	2,271.5
Q1 2010	1,934.6	306.2	2,240.7
Q2 2010	1,936.5	331.0	2,267.5
Q3 2010	1,930.3	336.8	2,267.1
Q4 2010	1,896.6	335.7	2,232.3
Q1 2011	1,878.1	331.1	2,209.2
Q2 2011	1,899.6	342.6	2,242.2
Q3 2011	1,885.7	356.2	2,241.9
Q4 2011	1,886.4	340.1	2,226.5
Q1 2012	1,862.6	348.1	2,210.7
Q2 2012	1,876.8	352.2	2,229.0
Q3 2012	1,888.5	354.3	2,242.7
Q4 2012	1,892.9	319.4	2,212.3
Q1 2013	1,893.2	316.9	2,210.1
Q2 2013	1,924.2	329.5	2,253.7
Q3 2013	1,962.0	309.8	2,271.8
Q4 2013	1,969.6	276.3	2,245.8
Q1 2014	1,950.8	282.0	2,232.8
Q2 2014	1,968.9	279.4	2,248.3
Q3 2014	2,009.4	272.2	2,281.6
Q4 2014	2,025.0	234.9	2,259.9
Q1 2015	2,012.4	234.0	2,246.4
Q2 2015	2,047.7	234.1	2,281.8
Q3 2015	2,078.6	226.0	2,304.6
Q4 2015	2,083.9	206.5	2,290.4
Q1 2016	2,079.0	199.0	2,278.0
Q2 2016	2,124.4	211.3	2,335.7
Q3 2016	2,158.4	200.5	2,358.9
Q4 2016	2,162.0	167.4	2,329.4
Q1 2017	2,157.1	163.1	2,320.2
Q2 2017	2,178.2	160.3	2,338.4
Q3 2017	2,204.2	163.4	2,367.6
Q4 2017	2,226.0	144.3	2,370.3
Q1 2018	2,214.7	133.2	2,347.9
Q2 2018	2,249.7	145.0	2,394.7
Q3 2018	2,268.9	143.7	2,412.6
Q4 2018	2,276.5	128.9	2,405.3

Q1 2019	2,298.3	114.5	2,412.9
Q2 2019	2,296.2	130.9	2,427.0
Q3 2019	2,323.4	128.1	2,451.6
Q4 2019	2,357.3	110.5	2,467.8
Q1 2020	2,347.2	114.7	2,461.8
Q2 2020	2,138.1	121.1	2,259.2
Q3 2020	2,250.0	179.2	2,429.2
Q4 2020	2,276.8	141.7	2,418.5
Q1 2021	2,230.6	170.5	2,401.1
Q2 2021	2,349.1	184.1	2,533.2
Q3 2021	2,471.2	149.1	2,620.3
Q4 2021	2,506.0	127.4	2,633.3
Q1 2022	2,505.8	126.7	2,632.5
Q2 2022	2,554.6	119.9	2,674.5
Q3 2022	2,554.3	119.1	2,673.4
Q4 2022	2,574.5	112.0	2,686.5
Q1 2023	2,608.5	110.7	2,719.1
Q2 2023	2,643.0	121.2	2,764.2
Q3 2023	2,655.9	128.6	2,784.4
Q4 2023	2,706.4	139.8	2,824.1
Q1 2024	2,704.2	125.1	2,819.4
Q2 2024	2,754.2	141.8	2,885.4
Q3 2024	2,794.8		

### 3. Overview of variables available

In the following, the list of variables available in the LFS data sets is divided into four categories:

(3.1) Core variable – each variable is available for all periods unless otherwise noted. Variables no longer collected are also included in this list and are marked with \* and generally indicate a break in series.

(3.2) Derived variables for standard labour market analyses.

(3.3) Derived variables for family unit analyses

#### 3.1 Core variables (overview)

The following list shows the core variables and their corresponding variable names.

Description	Variable Name
<b>3.1.1 DEMOGRAPHIC BACKGROUND</b>	
Sequence number in the household	HHSEQNUM
Relationship to reference person in the household	HHLINK
Sex	SEX
Marital status	MARSTAT
Citizenship	CITIZENSHIP_SUMMARY
Years of residence in this Member State	YEARESID_SUMMARY
Country of birth	COUNTRYB_SUMMARY
Nature of participation in the survey	PROXY

<b>3.1.2 LABOUR STATUS</b>	
Labour status during the reference week	WKSTAT

<b>3.1.3 EMPLOYMENT CHARACTERISTICS OF MAIN EMPLOYMENT</b>	
Professional status	STAPRO
Employee status	EMPScheme SUMMARY
Economic activity of the local unit	NACEREV1_SECTOR NACEREV2_SECTOR
Occupation	ISCO88_1D ISCO08_1D SOC90CODE_1D SOC10CODE_1D
Number of persons working at the local unit	SIZEFIRM
Country of place of work	COUNTRYW_AGGREGATE
Region of place of work	REGIONW
Year in which person started working for this employer or as self-employed	YSTARTWK
Month in which person started working for this employer or as self-employed	MSTARTWK
Full-time / Part-time distinction	FTPT
Reasons for the part-time work	FTPTRAS
Permanency of the job	TEMP
Reasons for having a temporary job/work contract of limited duration	TEMPREAS
Contract with a temporary employment agency	TEMPAGCY
Whether respondent is member of trade union or staff association	UNIONMEMBER

<b>3.1.4 ATYPICAL WORK</b>	
Shift work	SHIFTWK
Evening work	EVENWK
Night work	NIGHTWK
Saturday work	SATWK
Sunday work	SUNWK

<b>3.1.5 HOURS WORKED</b>	
Number of hours per week usually worked	HWUSUAL
Number of hours actually worked during the reference week	HWACTUAL
Overtime or extra hours worked in main job during reference week	EXTRAHRS
Wish to work usually more than the current number of hours	WISHMORE
Working at home	HOMEWORK

<b>3.1.6 SECOND JOB</b>	
Number of jobs held	NUMJOB
Professional status (in the second job)	STAPRO2J
Economic activity of the local unit (in the second job)	NACE2JREV1_SUMMARY NACE2JREV2_SUMMARY

<b>3.1.7 PREVIOUS WORK EXPERIENCE OF PERSON NOT IN EMPLOYMENT</b>	
Existence of previous employment experience	EXISTPR
Main reason for leaving last job or business	LEAVREAS
Economic activity of the local unit in which person last worked	NACEPRREV1_SECTOR NACEPRREV2_SECTOR
Occupation of last job	ISCOPR88_1D ISCOPR08_1D SOC90CODEPR_1D SOC10CODEPR_1D

<b>3.1.8 SEARCH FOR EMPLOYMENT</b>	
Seeking employment during previous four weeks	SEEKWORK
Reasons for not searching for employment	SEEKREAS

<b>3.1.9 METHODS USED DURING PREVIOUS 4 WEEKS TO FIND WORK</b>	
<b>Up to Q4 2020</b>	
Contacted public employment office to find work	METHODA
Contacted private employment agency to find work	METHODB
Applied to employers directly	METHODC
Asked friends, relatives, trade unions, etc.	METHODD
Inserted or answered advertisements in newspapers or journals	METHODE
Studied advertisements in newspapers or journals	METHODF
Took a test, interview or examination	METHODG
Looked for land, premises or equipment	METHODH
Looked for permits, licences, financial resources	METHODI
Awaiting the results of an application for a job	METHODJ
Waiting for a call from a public employment office	METHODK
Awaiting the results of a competition for recruitment to the public sector	METHODL
Other method used	METHODM
<b>FROM Q1 2021</b>	
Studied ads in newspapers, journals or internet to find work	QM1
Applied directly to employers to find work	QM2
Put ads in newspapers, journals or on the internet or replied to ads to find work	QM3
Placed or updated a CV online to find work	QM4
Contacted the public employment service Intreo or local social welfare office to find work	QM5
Placed or updated a CV online to find work	QM6
Contacted a private employment agency to find work	QM7
Did a test, interview or exam to find work	QM8
Made preparations to set up your own business to find work	QM9
Used an active method to seek work	ACTMETNE
Willingness to work for person not seeking employment	WANTWORK
Availability to start working within two weeks	AVAILBLE

<b>3.1.10 MAIN LABOUR STATUS</b>	
Detailed main labour status	MAINSTAT

<b>3.1.11 EDUCATION AND TRAINING</b>	
Student or apprentice in regular education during the last 4 weeks (formal education)	EDUCFED4
Level of this education or training	EDUCLEV4
Participation in non-formal education and training in the last 4 weeks	EDUCNFE4
Highest level of education or training successfully completed	HATLEVEL
Field of highest level of education or training successfully completed	HATFIELD

Year when highest level of education or training was successfully completed	HATYEAR
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### 3.1.12 DWELLING UNIT INFORMATION

Type of dwelling the respondents live in	DWELLINGUNIT
Number of rooms in the dwelling	NUMBEROFROOMS
What date the dwelling was constructed	CONSTRUCTIONDATE
The nature of occupancy of the dwelling	NATUREOFOCCUPANCY

### 3.1.13 TECHNICAL ITEMS RELATING TO INTERVIEW

Year of survey	REFYEAR
Reference quarter	SURVEYQTR
Region of household	REGION
Serial number of household with the quarter (not constant across quarters – only valid with a given quarter)	QHHNUM
Grossing (weighting) factor of the respondent	GF

## 3.2 Derived variables (overview)

The following list is the list of derived variables for standard labour market analyses based on the list of core variables above.

Description	Variable Name
The age class of the respondent	AGECLASS
The ILO derived work status	ILOSTAT
The detailed (as defined by CSO) ILO derived work status	ILOSTAT_DETAIL_SUMMARY
Time since person started work (classes)	STARCLAS
Duration of unemployment (classes)	DURUNE
Grossing (weighting) factor of the household	HH GF

## 3.3 Derived variables for family unit analysis (overview)

The following list is the list of derived variables for analysis of family unit level results (21).

Description	Variable Name
Number assigned to all family units in a household - allows the grouping of each family unit within a household	FAMILYUNITGROUPNUMBER
The type of family unit which has been identified	FAMILYTYPE_SUMMARY
The individual person type within the family unit	FAMILYPERSON_SUMMARY
Summary of family type in question	FAMILYSTRUCTURE_SUMMARY



#### 4. List of variables – detailed codification

##### 4.1 Core variables (codification)

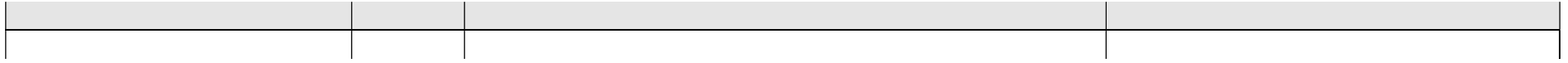
The standard coding presented for a variable is defined as below. Unless indicated in the filter/remarks column data for a variable is available for all periods. Variables which have changed over the years are presented without change where possible. Where this is not possible the variables which are associated with a break in series are presented in later sections.

Variable Name	Code	Description	Filter/Remarks
<b>4.1.1 DEMOGRAPHIC BACKGROUND</b>			
HHSEQNUM		Sequence number in the household	Everybody
HHLINK	1 2 3 20 21 11	Relationship to the reference person in the household Reference person Spouse (or cohabiting partner) of reference person Son/daughter of reference person Ascendant relative of reference person Other relative Other	Everybody Up to Q4 2020
HHLINK	01 02 03 04 05 06 07 08 09 10 11	Relationship to the reference person in the household Reference person Partner of reference person Son/daughter of reference person Son/daughter-in-law of reference person Grandchild of reference person Parent of reference person Parent-in-law of reference person Grandparent of reference person Brother/sister of reference person Other relative Other non-relative	Everybody From Q1 2021
SEX		Gender of the respondent	Everybody

	1	Male	
	2	Female	
MARSTAT		Marital status	Everybody
	1	Single	
	2	Married	
	3	Widowed	
	4	Divorced or legally separated	
	blank	No answer	
CITIZENSHIP_SUMMARY		Nationality of the respondent	Everybody
	01	Ireland	Valid from Q1 1998 to Q2 2004
	02	United Kingdom	
	03	EU15 (Excluding Ireland/United Kingdom)	
	04	Rest of Europe	
	05	USA/Canada	
	06	Rest of World	
CITIZENSHIP_SUMMARY		Nationality of the respondent	Everybody
	01	Ireland	Valid from Q3 2004 to Q4 2006
	02	United Kingdom	
	03	EU15 (Excluding Ireland/United Kingdom)	
	04	EU15 to EU25	
	05	North America	
	06	Rest of World	
CITIZENSHIP_SUMMARY		Nationality of the respondent	Everybody
	01	Ireland	Valid from Q1 2007 to Q2 2013
	02	United Kingdom	
	03	EU15 (Excluding Ireland/United Kingdom)	
	04	EU15 to EU27	
	05	North America	
	06	Rest of World	

CITIZENSHIP_SUMMARY	01 02 03 04 05 06	Nationality of the respondent Ireland United Kingdom EU15 (Excluding Ireland/United Kingdom) EU15 to EU27 North America Rest of World	Everybody Valid from Q3 2013-Q2 2017
CITIZENSHIP_SUMMARY	01 02 03 04 05 06	Citizenship of the respondent Ireland United Kingdom EU15 (Excluding Ireland/United Kingdom) EU15 to EU27 North America Rest of World	Everybody Valid from Q3 2017
YEARESID_SUMMARY	00 01-09 10 11 12 13 Blank	Years of residence in this country Born in this country Number of years of residence in this country (01 to 09 years) 10 to 19 years 20 to 29 years 30 to 39 years 40 years or more No answer	Everybody
COUNTRYB_SUMMARY	01 02 03	Country of birth of the respondent Ireland United Kingdom EU15 (Excluding Ireland/United Kingdom)	Everybody Valid from Q1 1998 to Q2 2004

	04	Rest of Europe	
	05	USA/Canada	
	06	Rest of World	
COUNTRYB_SUMMARY		Country of birth of the respondent	Everybody
	01	Ireland	Valid from Q3 2004 to Q4 2006
	02	United Kingdom	
	03	EU15 (Excluding Ireland/United Kingdom)	
	04	EU15 to EU25	
	05	North America	
	06	Rest of World	
COUNTRYB_SUMMARY		Country of birth of the respondent	Everybody
	01	Ireland	Valid from Q1 2007 to Q2 2013
	02	United Kingdom	
	03	EU15 (Excluding Ireland/United Kingdom)	
	04	EU15 to EU27	
	05	North America	
	06	Rest of World	
COUNTRYB_SUMMARY		Country of birth of the respondent	Everybody
	01	Ireland	Valid from Q3 2013
	02	United Kingdom	
	03	EU15 (Excluding Ireland/United Kingdom)	
	04	EU15 to EU28	
	05	North America	
	06	Rest of World	
PROXY		Nature of participation in the survey	Everybody aged 15 years or more
	1	Direct participation	No data available for Q1 1998
	2	Participation via another member of the household	
	9	Not applicable (child less than 15 years old)	
	Blank	No answer	



Variable Name	Code	Description	Filter/Remarks
<b>4.1.2 LABOUR STATUS</b>			
WKSTAT	1	Labour status during the reference week Did any work for pay or profit during the reference week - one hour or more (including family workers)	Everybody aged 15-89 years Replaces WSTATOR
	2	Absent from work during the reference week (self-declared)	
	3	Worked as un-paid family worker during the reference week	
	4	Neither worked nor had a job or business during the reference week	
	9	Not applicable (child less than 15 years old)	

Variable Name	Code	Description	Filter/Remarks
<b>4.1.3 EMPLOYMENT CHARACTERISTICS OF MAIN EMPLOYMENT</b>			
STAPRO	1	Professional Status	WKSTAT=1,2 Persons 15-89 years
	2	Self-employed with employees	
	3	Self-employed without employees	
	4	Employee	
	9	Assisting relatives	
	9	Not applicable (WKSTAT=3-4,9)	
EMPScheme_SUMMARY	1	Employee status	STAPRO=3 Persons 15-89 years
	2	Scheme employee	
	9	Non-scheme	
	9	Not applicable (STAPRO=1,2,4,9)	
NACEREV1_SECTOR	00	Economic activity of the local unit (coded to Sectoral Level only)	WKSTAT=1,2 Valid up to Q2 2017 Persons 15-89 years
	blank	Coded to Sectoral NACE Rev.1 coding as per Appendix 2	
	00	Not applicable (WKSTAT =3-5,9)	
	blank	No answer	
NACEREV2_SECTOR	00	Economic activity of the local unit (coded on Sectoral Level only)	WKSTAT=1,2 Persons 15-89 years
	blank	Coded to Sectoral digit NACE Rev.2 coding as per Appendix 3	
	00	Not applicable (WKSTAT =3-5,9)	
	blank	No answer	
ISCO88_1D	X	Occupation (coded on 1 digit)	WKSTAT=1,2  Valid from Q1 1998 to Q4 2005 Persons 15-89 years
	Blank	Coded to ISCO-88(COM) as per Appendix 4	
	X	Not applicable	
	Blank	No answer	
ISCO08_1D		Occupation (coded on 1 digit)	WKSTAT=1,2

SOC90CODE_1D	X Blank	Coded to ISCO-08 as per Appendix 5 Not applicable No answer	Valid from Q1 2007
SOC10CODE_1D	X Blank	Occupation (coded on 1 digit) Coded to UK SOC 1990 as per Appendix 6 Not applicable No answer	WKSTAT=1,2 Valid up to Q4 2005 Persons 15-89 years
SOC10CODE_1D	X Blank	Occupation (coded on 1 digit) Coded to UK SOC 2010 as per Appendix 7 Not applicable No answer	WKSTAT=1,2
SIZEFIRM	01 02 03 04 05 99 Blank	Number of persons working at the local unit 01 to 10 persons 11 to 19 persons 20 to 49 persons 50 persons or more Do not know but less than 11 persons Not applicable (STAPRO=2,9) No answer	STAPRO=1,3,4  No data available for Q1 1998 to Q2 2001  Valid to Q3 2001
SIZEFIRM	01 02 03 04 05 06 07 99 Blank	Number of persons working at the local unit 01 to 10 persons 11 to 19 persons 20 to 49 persons 50 to 99 persons 100 to 500 persons 500 persons or more Do not know but less than 11 persons Not applicable (STAPRO=2,9) No answer	STAPRO=1,3,4 Valid from Q4 2001 to Q4 2006 Additional category – ‘07’ added



SIZEFIRM	01 02 03 04 05 06 07 08 99	Number of persons working at the local unit 01 to 04 persons 05 to 10 persons 11 to 19 persons 20 to 49 persons 50 to 99 persons 100 to 500 persons 501 persons or more Do not know but less than 11 persons Not applicable (STAPRO=2,9) No answer	Valid from Q1 2007 to Q1 2012
SIZEFIRM	01 02 03 04 05 06 07 08 99 Blank	Number of persons working at the local unit 01 to 04 persons 05 to 10 persons 11 to 19 persons 20 to 49 persons 50 to 99 persons 100 to 500 persons 501 persons or more Do not know but less than 11 persons Not applicable (STAPRO=2,9) No answer	Valid from Q2 2012 to Q2 2017
SIZEFIRM	01 02 03 04 05 06 07 99 Blank	Number of persons working at the local unit 01-04 persons 05-10 persons 11 to 19 persons 20 to 49 persons 50 or more persons Do not know but less than 11 persons Do not know but more than 10 persons Not applicable (STAPRO=2,9) No answer	Valid from Q3 2017 to Q3 2018  The detailed firm size classification in respect of 50+ employees was reduced to '50 persons or more' in Q3 2017 in line with EU Regulation will be reinstated again from Q4 2018

SIZEFIRM		Number of persons working at the local unit	Valid from Q4 2018 to Q4 2020
	01	01-04 persons	
	02	05-10 persons	
	03	11 to 19 persons	
	04	20 to 49 persons	
	05	50 to 99 persons	
	06	100 to 500 persons	
	07	501+ persons	
	08	Do not know but less than 11 persons	
	09	Do not know but more than 10 persons	
	99	Not applicable (STAPRO=2,9)	
	Blank	No answer	
SIZEFIRM		Number of persons working at the local unit	Valid from Q1 2021
	01	01-04 persons	
	02	05-09 persons	
	03	10 to 19 persons	
	04	20 to 49 persons	
	05	50 to 99 persons	
	06	100 to 500 persons	
	07	501+ persons	
	08	Don't know but less than 10 persons	
	09	Don't know but more than 10 persons	
	99	Not applicable (STAPRO=2,9)	
COUNTRYW_AGGREGATE		Country of place of work	WKSTAT=1,2 Valid from Q1 1998 No data available for Q1 1998 to Q4 2001
	1	Ireland	
	2	United Kingdom	
	3	Other Country	
	9	Not applicable (WKSTAT=3-4,9)	

REGIONW	00 01 02 99 Blank	Region of place of work Coded to NUTS 2 level coding as per Appendix 1 Working outside State Border, Midland & Western Southern & Eastern Not applicable (WKSTAT=3-4,9) Working in State but region not stated	WKSTAT=1,2 2002 – 2011 Region of work only available for persons whose place of work is in Ireland
REGIONW	00 04 05 06 99 Blank	Region of place of work Coded to NUTS 2 level coding as per Appendix 1 Working outside State Northern & Western Southern Eastern and Midland Not applicable (WKSTAT=3-4,9) Working in State but region not stated	WKSTAT=1,2 2012 onwards Region of work only available for persons whose place of work is in Ireland
YSTARTWK	9999 blank	Year in which person started working for this employer or as self-employed 4 digits of the year concerned Not applicable (WKSTAT=3-4,9) No answer	WKSTAT=1,2 Persons 15-89 years
MSTARTWK	01-12 99 blank	Month in which person started working for this employer or as self-employed Number of the month concerned Not applicable (YSTARTWK=9999,blank or REFYEAR – YSTARTWK >2) No answer	YSTARTWK ≠ 9999, blank and REFYEAR – YSTARTWK ≤ 2

FTPPT	1 2 9 Blank	Full-time / Part-time distinction Full-time job Part-time job Not applicable (WKSTAT=3-4,9) No answer	WKSTAT=1,2 Persons 15-89 years
FTPPTREAS	1 2 3 4 5 6 7 9 Blank	Reasons for the part-time work Person is undergoing school education or training Of own illness or disability Care responsibilities Other family reasons Other personal reasons Person could not find a full-time job Other reasons Not applicable (FTPPT≠2) No answer	FTPPT=2 Valid from Q1 1998 Persons 15-89 years  FTPPT=2
TEMP	1 2 9 Blank	Permanency of the job Person has a permanent job or work contract of unlimited duration Person has temporary job/work contract of limited duration Not applicable (STAPRO≠3) No answer	STAPRO=3 Persons 15-89 years
TEMPREAS	1 2 3	Reasons for having a temporary job/work contract of limited duration Person has temporary job/work contract of limited duration because: - person could not find a permanent job - person did not want a permanent job - Fixed term probationary contract	TEMP=2  Quarterly data available up to Q4 2020. Data Available on an annual basis from 2021

	4 5 6 7 8 Blank 9	- It is a contract covering a period of apprenticeship - It is a contract covering a period of training other than apprenticeships (trainees, internships, research assistants etc) - Job only available with a temporary contract - Job only available with a fixed term contract - Other reasons -No answer Not applicable	
TEMPAGCY	1 2 9 blank	Contract with a temporary employment agency No Yes Not applicable (STAPRO≠3) No answer	STAPRO=3 Valid from Q1 2006 to Q4 2020. No data available for Q1 2021 but is resumed from Q2 2021. Persons 15-89 years
UNIONMEMBER	1 2 9 blank	Whether respondent is member of trade union or staff association Yes No Not applicable (STAPRO≠3,4) No answer	STAPRO=3,4 Valid from Q2 2003

Variable Name	Code	Description	Filter/Remarks
<b>4.1.4 ATYPICAL WORK</b>			
SHIFTWK	1	Shift work Person does shift work (until 2000: Person usually does shift work)	STAPRO=3 Quarterly data available from Q1 2001 to Q4 2020. Available only on annual basis from 2021
	3	Person never does shift work	
	9	Not applicable (STAPRO ≠ 3)	
	blank	No answer	
EVENWK	1	Evening work Person usually works in the evening	WKSTAT=1,2 Quarterly data available from Q1 2001 to Q4 2020. Available only on an annual basis from 2021. Users should note level change in Q2 2012 due to change in question
	2	Person sometimes works in the evening	
	3	Person never works in the evening	
	9	Not applicable (WKSTAT=3-4,9)	
	blank	No answer	
NIGHTWK	1	Night work Person usually works at night	WKSTAT=1,2 Quarterly data available from Q1 2001 to

	2 9 blank blank	Person sometimes works at night Not applicable (WKSTAT=3-4,9) No answer No answer	Q4 2020. Available only on an annual basis from 2021. Users should note level change in Q2 2012 due to change in question
SATWK	1 2 9 blank	Saturday work Person usually works on Saturdays Person sometimes works on Saturdays Not applicable (WKSTAT=3-4,9) No answer	WKSTAT=1,2 Quarterly data available from Q1 2001 to Q4 2020. Available only on an annual basis from 2021. Users should note level change in Q2 2012 due to change in question
SUNWK	1 2 3 9 blank	Sunday work Person usually works on Sundays Person sometimes works on Sundays Person never works on Sundays Not applicable (WKSTAT=3-4,9) No answer	WKSTAT=1,2 Quarterly data available from Q1 2001 to Q4 2020. Available only on an annual basis from 2021. Users should note level change in Q2 2012 due to change in question

Variable Name	Code	Description	Filter/Remarks
<b>4.1.5 HOURS WORKED</b>			
HWUSUAL	970	Number of hours per week usually worked in the main job Usual hours cannot be given because hours worked vary considerably from week to week or from month to month	WKSTAT=1,2 Hours multiplied by 10. Divide by 10 for outputs
	010-950	Number of hours usually worked in the main job	
	999	Not applicable (WKSTAT=3-5,9)	
	blank	No answer	
HWACTUAL	000	Number of hours actually worked during the reference week in the main job Person having a job or business and not having worked at all in the main activity during the reference week	WKSTAT=1,2 Hours multiplied by 10. Divide by 10 for outputs
	010-980	Number of hours actually worked in the main job during the reference week	
	999	Not applicable (WKSTAT=3-5,9)	
	blank	No answer	
EXTRAHRS	000	Number of overtime or extra hours in the reference week in the main job No extra hours or overtime in reference week	STAPRO=3  Valid from Q1 2006 Divide by 10 for tabulations
	005-950	Number of overtime or extra hours	
	999	Not applicable	
	blank	No answer	
WISHMORE	1	Wish to work usually more than the current number of hours No	WKSTAT=1,2 Users should note level change in Q3 2008 due to change in filter of question
	2	Yes	
	9	Not applicable (WKSTAT=3-5, 9)	
	blank	No answer	



HOMEWORK		Working at home	WKSTAT=1,2
	1	Person usually works at home	No data available until Q1 2001 Users should note level change in Q2 2012 due to change in question
	2	Person sometimes works at home	
	3	Person never works at home	
	9	Not applicable (WKSTAT=3-4,9)	
blank	No answer	Replaces HOMEWK	

Variable Name	Code	Description	Filter/Remarks
<b>4.1.6 SECOND JOB</b>			
NUMJOB	1 2 3 4 9 blank	Existence of more than one job or business Person had only one job during the reference week Person had two jobs during the reference week (not due to change of job or business) Person had three or more jobs in reference week Person had more than one job or business during the reference week (not due to change of job or business) Not applicable (WKSTAT=3-4,9) No answer	WKSTAT=1,2 No data available for Q1 1998 REPLACES EXIST2J
STAPRO2J	1 2 3 4 9 blank	Professional status (in the second job) Self-employed with employees Self-employed without employees Employee Family worker Not applicable (EXIST2J=1,9 blank) No answer	NUMJOB=2
NACE2JREV1_SUMMARY	00 blank	Economic activity of the local unit (in the second job) (coded to Broad Sectors only) Coded to Broad Sectors NACE Rev.1 coding as per Appendix 2 Not applicable (EXIST2J=1,9,blank) No answer	NUMJOB=2 Valid up to Q2 2017
NACE2JREV2_SUMMARY	00 blank	Economic activity of the local unit (in the second job) (coded to Broad Sectors only) Coded to Broad Sectors NACE Rev.2 Coding as per Appendix 3 Not applicable (EXIST2J=1,9,blank) No answer	NUMJOB=2



Variable Name	Code	Description	Filter/Remarks
<b>4.1.7 PREVIOUS WORK EXPERIENCE OF PERSON NOT IN EMPLOYMENT</b>			
EXISTPR	4 1 2 3 9 blank	Existence of previous employment experience Person has never been in employment (purely occasional work, such as vacation work, compulsory military or community service are not to be considered as employment (pre Q1 2021) Person has never been in employment Person has employment experience limited to occasional work Person has employment experience other than occasional work Not applicable (WKSTAT=1,2 or 9) No answer	WKSTAT=3-5
LEAVREAS	01 02 03 04 05 06 07 08 09 99 blank	Main reason for leaving last job or business Dismissed or made redundant A job of limited duration has ended Care responsibilities Other family reasons Education and training Illness or disability Retirement Other personal reasons Other reasons Not applicable (did not work in last 8 years) No answer	EXISTPR=3 and REFYEAR -YEARPR<8
NACEPRREV1_SECTOR		Economic activity of the local unit in which person last worked (coded on Sectoral Level) Coded to Sectoral Level NACE Rev.1 coding as per Appendix 2	EXISTPR=3 and Person has worked within last 8 years

NACEPRREV2_SECTOR		Economic activity of the local unit in which person last worked (coded on Sectoral Level) Coded to Sectoral Level NACE Rev.2 coding as per Appendix 2	EXISTPR=3 and Person has worked within last 8 years
ISCOPR88_1D	9 Blank	Occupation of last job (coded on 1 digit)  Coded to ISCO-88(COM) as per Appendix 4 Not applicable No answer	EXISTPR=3 and Person has worked within last 8 years Valid up to Q4 2010
ISCOPR08_1D	9 Blank	Occupation of last job (coded on 1 digit)  Coded to ISCO-08 as per Appendix 5 Not applicable No answer	EXISTPR=3 and Person has worked within last 8 years VALID FROM Q1 2011
SOC90CODEPR_1D	9 Blank	Occupation of last job (coded on 1 digit)  Coded to UK SOC 1990 as per Appendix 6 Not applicable No answer	EXISTPR=3 and Person has worked within last 8 years Valid up to Q2 2017
SOC10CODEPR_1D	9 Blank	Occupation of last job (coded on 1 digit)  Coded to UK SOC 2010 as per Appendix 7 Not applicable No answer	EXISTPR=3 and Person has worked within last 8 years

Variable Name	Code	Description	Filter/Remarks
<b>4.1.8 SEARCH FOR EMPLOYMENT</b>			
SEEKWORK	1 2 3 4 5 9	Seeking employment during previous four weeks  Person is searching for employment Person is not searching for employment and has already found a job which has not yet started but will start within a period of at most 3 months after the end of the reference week Person is not searching for employment and has already found a job which has not yet started but will start in more than 3 months after the end of the reference week Person is not searching for employment and has already found a job which started between the end of the reference week and the interview date Person is not searching for employment and has not found any job to start later Not applicable	(WKSTAT=3-4 and Age<75 Valid from Q1 1998
SEEKREAS	1,01 2,02 3,03 4,04  5,05,10 6,06 7,07 8,08	Reasons for not seeking employment Person is not seeking work because: No suitable job is available Currently in education or training Own illness or disability Care responsibilities for own children or adult relatives  Other family reasons Other personal reasons including caring for non relatives or friends Awaiting recall to work (layoff) Any other reason	SEEKWORK=3 Valid from Q1 2006 Note level shift in Q2 2012 as prior to this quarter only persons who had indicated they did want work (WANTWORK=1) were asked this question

Variable Name	Code	Description	Filter/Remarks
<b>4.1.9 METHODS USED DURING PREVIOUS 4 WEEKS TO FIND WORK</b>			
METHODA	0	Contacted public employment office to find work No	SEEKWORK=4 or LOOKOJ=1 Up to Q4 2020
	1	Yes	
	9	Not applicable (SEEKWORK≠4 and LOOKOJ≠1)	
METHODB	0	Contacted private employment agency to find work No	SEEKWORK=4 or LOOKOJ=1 Up to Q4 2020
	1	Yes	
	9	Not applicable (SEEKWORK≠4 and LOOKOJ≠1)	
METHODC	0	Applied to employers directly No	SEEKWORK=4 or LOOKOJ=1 Up to Q4 2020
	1	Yes	
	9	Not applicable (SEEKWORK≠4 and LOOKOJ≠1)	
METHODD	0	Asked friends, relatives, trade unions, etc. No	SEEKWORK=4 or LOOKOJ=1 Up to Q4 2020
	1	Yes	
	9	Not applicable (SEEKWORK≠4 and LOOKOJ≠1)	
METHOD E	0	Inserted or answered advertisements in newspapers or journals No	SEEKWORK=4 or LOOKOJ=1 Up to Q4 2020
	1	Yes	
	9	Not applicable (SEEKWORK≠4 and LOOKOJ≠1)	
METHOD F	0	Studied advertisements in newspapers or journals No	SEEKWORK=4 or LOOKOJ=1 Up to Q4 2020
	1	Yes	
	9	Not applicable (SEEKWORK≠4 and LOOKOJ≠1)	
METHODG	0	Took a test, interview or examination No	SEEKWORK=4 or LOOKOJ=1 Up to Q4 2020

	1	Yes	
	9	Not applicable (SEEKWORK≠4 and LOOKOJ≠1)	
METHODH	0	Looked for land, premises or equipment No	SEEKWORK=4 or LOOKOJ=1 Up to Q4 2020
	1	Yes	
	9	Not applicable (SEEKWORK≠4 and LOOKOJ≠1)	
METHODI	0	Looked for permits, licences, financial resources No	SEEKWORK=4 or LOOKOJ=1 Up to Q4 2020
	1	Yes	
	9	Not applicable (SEEKWORK≠4 and LOOKOJ≠1)	
METHODJ	0	Awaiting the results of an application for a job No	SEEKWORK=4 or LOOKOJ=1 Up to Q4 2020
	1	Yes	
	9	Not applicable (SEEKWORK≠4 and LOOKOJ≠1)	
METHODK	0	Waiting for a call from a public employment office No	SEEKWORK=4 or LOOKOJ=1 Up to Q4 2020
	1	Yes	
	9	Not applicable (SEEKWORK≠4 and LOOKOJ≠1)	
METHODL	0	Awaiting the results of a competition for recruitment to the public sector No	SEEKWORK=4 or LOOKOJ=1 Up to Q4 2020
	1	Yes	
	9	Not applicable (SEEKWORK≠4 and LOOKOJ≠1)	
METHODM	0	Other method used No	SEEKWORK=4 or LOOKOJ=1 Up to Q4 2020
	1	Yes	
	9	Not applicable (SEEKWORK≠4 and LOOKOJ≠1)	



QM1	2 1 9	Studied ads in newspapers, journals or on the internet No Yes Not applicable (SEEKWORK#4	SEEKWORK=1 From Q1 2021
QM2	2 1 9	Applied directly to employers No Yes Not applicable (SEEKWORK#4	SEEKWORK=1 From Q1 2021
QM3	2 1 9	Asked friends, relatives, contact trade unions etc No Yes Not applicable (SEEKWORK#4	SEEKWORK=1 From Q1 2021
QM4	2 1 9	Put ads in newspapers, journals or on the internet or replied to ads No Yes Not applicable (SEEKWORK#4	SEEKWORK=1 From Q1 2021
QM5	2 1 9	Contacted the public employment service Intreo or local social welfare office No Yes Not applicable (SEEKWORK#4	SEEKWORK=1 From Q1 2021
QM6	2	Placed or updated a CV online No	SEEKWORK=1 From Q1 2021

	1 9	Yes Not applicable (SEEKWORKcitizenship≠4	
QM7	2 1 9	Contacted a private employment agency No Yes Not applicable (SEEKWORK≠4	SEEKWORK=1 From Q1 2021
QM8	2 1 9	Did a test, interview or exam No Yes Not applicable (SEEKWORK≠4	SEEKWORK=1 From Q1 2021
QM9	2 1 9	Made preparations to set up your own business No Yes Not applicable (SEEKWORK≠4)	SEEKWORK=1 From Q1 2021
ACTMETNE	1 2 9	Having used an active search method to find a job  Used active search method to find work (from QM1-QM9) Did not use active search method to find work Not applicable	ILOSTAT is not = 1 (Not employed) NEW from Q1 2021
WANTWORK	1 2 9 blank	Willingness to work for person not seeking employment Person is not seeking employment: - but would nevertheless like to have work - and does not want to have work Not applicable (SEEKWORK ≠ 3) No answer	SEEKWORK=4

<p>AVAILBLE</p>		<p>Availability to start working within two weeks</p> <p>If work were found now:</p> <p>1 Person could start to work immediately (within 2 weeks)</p> <p>2 Person could not start to work immediately (within 2 weeks)</p> <p>9 Not applicable (SEEKWORK ≠ 1,4 and WANTWORK ≠ 1, blank and WISHMORE ≠ 1)</p> <p>blank No answer</p>	<p>SEEKWORK=1-4 or WANTWORK=1, blank or WISHMORE=1</p> <p>Note: Data for WISHMORE=1 aspect of filter only available from Q3 2008</p>
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Variable Name	Code	Description	Filter/Remarks
<b>4.1.10 MAIN LABOUR STATUS</b>			
MAINSTAT		Labour status	Everybody aged 15 years or more
	1	At work	
	2	Unemployed	
	3	Retired from employment	
	4	Unable to work due to permanent sickness or disability	
	5	Student or pupil	
	6	On home duties	
	7	In compulsory military service (Not applicable to Ireland)	
	8	Other	
	9	Not applicable (Child less than 15 years old)	
Blank	No answer		

Variable Name	Code	Description	Filter/Remarks
<b>4.1.11 EDUCATION AND TRAINING</b>			
EDUCFED4	1 2 9 blank	Student or apprentice in regular education during the last 4 weeks (formal education) Yes (includes students on holidays) No Not applicable (child < 15 years) No answer	Everybody aged 15 years or more  Data available from Q2 2003 onwards  REPLACES EDUCSTAT
EDUCLEV4	1 2 3 4 5 6 7 8	Level of this education or training ISCED 1 (ISCED 2011) ISCED 2 (ISCED 2011) ISCED 3 (ISCED 2011) ISCED 4 (ISCED 2011) ISCED 5 (ISCED 2011) ISCED 6 (ISCED 2011) ISCED 7 (ISCED 2011) ICSSED 8 (ISCED 2011)	EDUCSTAT=1,3 Data available from Q1 2014 Replaces EDUCLEVL
EDUCNFE4	1 2 9 Blank	Attendance at taught learning activities (non-formal education) in the last 4 weeks Yes No Not applicable (child less than 15 years) No answer	Everybody aged 15 years or more  Data available from Q2 2003 onwards Replaces COURATT
HATLEVEL	00,000	Highest level of education or training successfully completed  No formal education or below ISCED 1	Everybody aged 15-89 years  ISCED 97 classification up to Q4 2013 ISCED 11 classification from Q1 2014

	11,100	ISCED 1	Codes will appear for the year that they are applicable to
	21,200	ISCED 2	
	22,30,32, 300,303	ISCED 3	
	304,343, 344,399		
	42,400,450	ISCED 4	
	51,500,540, 550,590,600, 52	ISCED 5 (ISCED 2011)	
	60,600	ISCED 6 (ISCED 2011)	
	700	ISCED 7 (ISCED 2011)	
	800	ISCED 8 (ISCED 2011)	
	999	Not applicable (child less than 15 years)	
	Blank	No answer	
	800	ISCED 8 (ISCED 2011)	
	999	Not applicable (child less than 15 years)	
	Blank	No answer	
HATFIELD		Field of highest level of education or training successfully completed	HATLEVEL_X1=22-60
	000	General programmes	Data available from Q1 2004 to Q4 2013
	100	Teacher training and education science	
	200	Humanities, languages and arts	
	222	Foreign languages	
	300	Social sciences, business and law	
	400	Science, mathematics and computing (no distinction possible)	
	420	Life science (including Biology and Environmental science)	
	440	Physical science (including Physics, Chemistry and Earth science)	
	460	Mathematics and statistics	
	481	Computer science	

	482	Computer use	
	500	Engineering, manufacturing and construction	
	600	Agriculture and veterinary	
	700	Health and welfare	
	800	Services	
	900	Unknown	
	999	Not applicable (HATLEVEL= 00,11,21,99, Blank)	
	Blank	No answer	
HATFIELD		Field of highest level of education or training successfully completed	HATLEVEL=300-800
	0000	General programmes	Data available from Q1 2014 to Q4 2015
	0100	Teacher training and education science	
	0200	Humanities, languages and arts	
	0222	Foreign languages	
	0300	Social sciences, business and law	
	0400	Science, mathematics and computing (no distinction possible)	
	0420	Life science (including Biology and Environmental science)	
	0440	Physical science (including Physics, Chemistry and Earth science)	
	0460	Mathematics and statistics	
	0481	Computer science	
	0482	Computer use	
	0500	Engineering, manufacturing and construction	
	0600	Agriculture and veterinary	
	0700	Health and welfare	
	0800	Services	
	0900	Unknown	
	9999	Not applicable (HATLEVEL≠ 300-800)	
	Blank	No answer	
HATFIELD		Field of highest level of education or training successfully completed	HATLEVEL=300-800
	0000	Generic programmes and qualifications	Data available from Q1 2016-Q4 2020

	0100 0200 0300 0400 0500 0600 0700 0800 0900 1000 8888 9999 Blank	Education Arts and humanities Social sciences, journalism and information Business, administration and law Natural sciences, mathematics and statistics Information and Communication Technologies (ICTs) Engineering, manufacturing and construction Agriculture, forestry, fisheries and veterinary Health and welfare Services Unknown or unspecified Not applicable (HATLEVEL≠ 300-800) No answer	Quarterly data not available for Q1 2021
HATYEAR	9999 Blank	Year when highest level of education or training was successfully completed The 4 digits of the year when highest level of education or training was successfully completed Not applicable (HATLEVEL=00,99,blank) No answer	HATLEVEL=11-60  Data available from Q1 2003 onwards



Variable Name	Code	Description	Filter/Remarks
<b>4.1.12 DWELLING UNIT INFORMATION</b>			
DWELLINGUNIT		Type of dwelling the respondent lives in	Everybody
	01	House - Detached house	No data available from Q1 1998 to Q2 2000
	02	House - Semi-detached house	
	03	House - Terraced house	Please see appendix 8 for details of break in Series for this variable from Q3 2017
	04	House - Detached bungalow	
	05	House - Semi-detached bungalow	
	06	House - No breakdown of house type available	
	07	Apartment - Bedsitter	
	08	Apartment - Custom built flat/apartment	
	09	Apartment - Non-custom built flat/apartment	
	10	Apartment - No breakdown of apartment type available	
	11	Some other type of accommodation	
	Blank	No answer	
DWELLINGUNIT		Type of dwelling the respondent lives in	Everybody
	01	Detached house or bungalow	
	02	Semi-detached house or bungalow	
	03	Terraced house (including end of terrace)	Effective from Q2 2020, the dwelling unit is no longer collected in the LFS but instead is taken directly from the Census 2016 sampling frame.
	04	Flat/apartment/duplex in purpose- built block	
	05	Flat/apartment/duplex – part of a converted house or commercial building	
	06	Bedsit (with some shared facilities, e.g. a toilet)	
	Blank	No answer	
NUMBEROFROOMS		Number of rooms in the dwelling	DWELLINGUNIT in (01,02,03,04,05,06,07,08,09,10)
	01	1 to 3 rooms	
	02	4 rooms	No data available from Q1 1998 to Q2 2000
	03	5 rooms	
	04	6 rooms	

	05	7 rooms	
	06	8 rooms	
	07	9 rooms	
	08	10 rooms	
	09	11 rooms or more	
	99	Not applicable (DWELLINGUNIT not in (01,02,03,04,05,06,07,08,09,10))	
	Blank	No answer	
CENTRALHEATING		Whether the dwelling has central heating	DWELLINGUNIT in (01,02,03,04,05,06,07,08,09,10) No data available from Q1 1998 to Q2 2000
	1	Dwelling has central heating	
	2	Dwelling does not have central heating	
	9	Not applicable (DWELLINGUNIT not in (01,02,03,04,05,06,07,08,09,10))	
	Blank	No answer	DWELLINGUNIT =01 to 06 Data no longer collected in LFS from Q2 2020 but instead it is taken from the 2016 Census of Population sampling frame
CONSTRUCTIONDATE		What date the dwelling was constructed	DWELLINGUNIT in (01,02,03,04,05,06,07,08,09,10) Valid from Q1 1998 to Q4 2005
	01	Before 1919	
	02	1919-1940	
	03	1941-1960	No data available from Q1 1998 to Q2 2000
	04	1961-1970	
	05	1971-1980	
	06	1981-1985	
	07	1986-1990	
	08	1991-1995	
	09	1996 or later	
	10	Don't know	
	99	Not applicable (DWELLINGUNIT not in (01,02,03,04,05,06,07,08,09,10))	
	Blank	No answer	

CONSTRUCTIONDATE		What date the dwelling was constructed	DWELLINGUNIT in (01,02,03,04,05,06,07,08,09,10) Valid from Q1 2006 to Q1 2008
	01	Before 1919	
	02	1919-1940	
	03	1941-1960	
	04	1961-1970	
	05	1971-1980	
	06	1981-1985	
	07	1986-1990	
	08	1991-1995	
	09	1996-2000	
	10	2001 or later	
	11	Don't know	
	99	Not applicable (DWELLINGUNIT not in (01,02,03,04,05,06,07,08,09,10))	
	Blank	No answer	
CONSTRUCTIONDATE		What date the dwelling was constructed	DWELLINGUNIT in (01,02,03,04,05,06,07,08,09,10) Valid from Q2 2008
	01	Before 1919	
	02	1919-1940	
	03	1941-1960	
	04	1961-1970	
	05	1971-1980	
	06	1981-1985	
	07	1986-1990	
	08	1991-1995	
	09	1996-2000	
	10	2001-2005	
	11	2006 or later	
	12	Don't know	

	99	Not applicable (DWELLINGUNIT not in (01,02,03,04,05,06,07,08,09,10))	
	Blank	No answer	
CONSTRUCTIONDATE		What date the dwelling was constructed	DWELLINGUNIT in (01,02,03,04,05,06,07,08,09,10) Valid from Q1 2017
	01	Don't know	
	02	Before 1919	
	03	1919-1940	
	04	1941-1960	
	05	1961-1970	
	06	1971-1980	
	07	1981-1990	
	08	1991-2000	
	09	2001-2005	
	10	2006-2010	
	11	2011-2015	
	12	2016 or later	
	99	Not applicable (DWELLINGUNIT not in (01,02,03,04,05,06,07,08,09,10))	
	Blank	No answer	
CONSTRUCTIONDATE		What date the dwelling was constructed	DWELLINGUNIT = 01=06  Valid from Q2 2020 Data on year of construction no longer collected in the LFS but instead is taken From the Census 2016 sampling frame.
	01	Before 1919	
	02	1919-1945	
	03	1946-1960	
	04	1961-1970	
	05	1971-1980	
	06	1981-1990	
	07	1991-2000	

NATUREOFOCCUPANCY		The nature of occupancy of the dwelling	DWELLINGUNIT in (01,02,03,04,05,06,07,08,09,10,11) Valid from Q1 1998 to Q1 2003
	01	Owner occupied	
	02	Being acquired from local authority under a purchase or vested cottage scheme	
	03	Rented-from Local Authority	No data available from Q1 1998 to Q2 2000
	04	Rented-not from Local Authority - rented unfurnished	
	05	Rented-not from Local Authority - rented partly unfurnished	
	06	Rented-not furnished (not from Local Authority)	
	07	Rented-no information regarding furnishings (not from Local Authority)	
	08	Rented-no information regarding Local Authority/not from Local Authority renting	
	09	Not owned by occupant(s) and rent free	
	10	Not owned by occupants and rent free to some resident(s) only	
	99	Not applicable (DWELLINGUNIT not in (01,02,03,04,05,06,07,08,09,10,11))	
	Blank	No answer	
NATUREOFOCCUPANCY		The nature of occupancy of the dwelling	DWELLINGUNIT in (01,02,03,04,05,06,07,08,09,10) Valid from Q2 2003
	01	Owner occupied	
	02	Being acquired from local authority under a purchase or vested cottage scheme	
	03	Rented-from Local Authority	
	04	Rented-not from Local Authority - rented unfurnished	Please see appendix 8 for details of break in Series for this variable from Q3 2017
	05	Rented-not from Local Authority - rented partly unfurnished	
	06	Rented-not furnished (not from Local Authority)	
	07	Rented-no information regarding furnishings (not from Local Authority)	

08	Rented-no information regarding Local Authority/not from Local Authority renting
09	Not owned by occupant(s) and rent free
10	Not owned by occupants and rent free to some resident(s) only
11	Owner occupied and rented out to some member(s) of the household
99	Not applicable (DWELLINGUNIT not in (01,02,03,04,05,06,07,08,09,10))
Blank	No answer

Variable Name	Code	Description	Filter/Remarks
<b>4.1.13 TECHNICAL ITEMS RELATING TO INTERVIEW</b>			
REFYEAR		Year of survey 4 digits of the year	Everybody
SURVEYQTR	Q1 Q2 Q3 Q4	Reference quarter First quarter (January to March) Second quarter (April to June) Third quarter (July to September) Fourth quarter (October to December)	Everybody
REGION		Region of household Coded to NUTS 2 level coding as per Appendix 9	Everybody
REGION	01 02 Blank	Region of residence of household – See Appendix 1 Border, Midland & Western Southern & Eastern Not stated	Everybody 1998-2011
REGION	04 05 06 Blank	Region of residence of household Coded to NUTS 2 level coding as per Appendix 1 Northern & Western Southern Eastern and Midland Not stated	Everybody 2012 onwards

QHHNUM		Serial number of household with the quarter (not constant across quarters – only valid with a given quarter)	Everybody
	00000000-99999999	8 digit household identifier	
GF		Grossing (weighting) factor of the respondent Number in whole terms	Everybody



## 4.2 Derived variables (Codification)

The following variables are derived from the core variables captured.

Variable Name	Code	Description	Filter/Remarks	
AGECLASS		The age class of the respondent	Everybody	
	01	Aged 0 to 4 years		
	02	Aged 5 to 9 years		
	03	Aged 10 to 14 years		
	04	Aged 15 to 19 years		
	05	Aged 20 to 24 years		
	06	Aged 25 to 29 years		
	07	Aged 30 to 34 years		
	08	Aged 35 to 39 years		
	09	Aged 40 to 44 years		
	10	Aged 45 to 49 years		
	11	Aged 50 to 54 years		
	12	Aged 55 to 59 years		
	13	Aged 60 to 64 years		
	14	Aged 65 to 69 years		
	15	Aged 70 to 74 years		
	16	Aged 75 to 79 years		
	17	Aged 80 to 84 years		
18	Aged 85 or more			
ILOSTAT		ILO/EU Employment status	Everybody aged 15 years or more	
	1	In employment		
	2	Unemployed		Replaces ILO
	3	Not active		
9	Not applicable (child less than 15 years old)			

ILOSTAT_DETAIL_SUMMARY		Detailed ILO/EU Employment status – derived by CSO	Everybody aged 15 years or more Valid from Q1 1998 to Q2 2008
	101	Full-time work	
	104	Part-time work	
	106	Part-time - wishes to work more hours and available - (Part-time underemployed)	
	201	Seeking full-time employment/Future job starter/ Seeking employment as self-employed	REPLACES ILOSTAT_SUMMARY
	202	Seeking part-time employment	
	301	Actively seeking not available (inc Passive job-seekers, Job starting in less than 3 months not available, Job starting in more than 3 months	
	305	Available not seeking	
	307	Wants job, not available and not seeking because is in education or training	
	308	Wants job, not available and not seeking because of all other reasons	
	311	Does not want job	
	312	Persons aged 75 or over	
	321	Persons less than 15 years of age	
	999	Not applicable (Person aged less than 15 years)	
STARCLAS		Time since person started work	WKSTAT=1,2
	1	Less than 1 month	
	2	1-2 months	
	3	3-5 months	
	4	6-11 months	
	5	12-17 months	
	6	18-23 months	
	7	24-47 months	
	8	4 years or longer	
	9	Not applicable (WKSTAT=3-4,9)	
	.	No answer	
DURUNE		Duration of unemployment	ILO=2

	1	Less than 1 month	
	2	1-2 months	
	3	3-5 months	
	4	6-11 months	
	5	12-17 months	
	6	18-23 months	
	7	24-47 months	
	8	4 years or longer	
	9	Not applicable (ILO ≠ 2)	
	Blank	No answer	
HH_GF		Grossing (weighting) factor of the household	HHLINK=1
		Average grossing (weighting) factor of the household	
	.	Not applicable (HHLINK≠ 1)	

### 4.3 Derived variables for Family unit analysis (Codification)

The following variables are derived to allow family unit analysis. The variables are assigned to all members of a family unit and not only assigned to the person to whom the characteristic belongs.

Variable Name	Code	Description	Filter/Remarks
FAMILYUNITGROUPNUMBER	1-9	Number assigned to all family units in a household - allows the grouping of each family unit within a household.	Everybody
	0	Value assigned to common family unit members Respondent is not a member of a family unit in the survey	
FAMILYTYPE_SUMMARY	1	The type of family unit which has been identified Couple family unit – no children	FAMILYUNITGROUPNUMBER=(1-9)
	2	Couple family unit – with children	
	3	Lone parent family unit	
	9	Not applicable (FAMILYUNITGROUPNUMBER=0)	
FAMILYPERSON_SUMMARY	1	The individual person type within the family unit Person is the head of the family unit	FAMILYUNITGROUPNUMBER=(1-9)
	2	Person is the partner of head of family unit	
	3	Person is the child within family unit	
	9	Not applicable (FAMILYUNITGROUPNUMBER=0)	
FAMILYSTRUCTURE_SUMMARY	1	Summary of family type in question At least 1 child aged 0-5 and no child aged 15 or over	FAMILYUNITGROUPNUMBER=(1-9)
	2	At least 1 child aged 0-5 and at least 1 child aged 15 or over	
	3	All children aged 6-14	
	4	No child aged 0-5, at least 1 child aged 6-14 and at least one child aged 15 or over	
	5	All children aged 15 or over	
	8	Couple with no children	
	9	Not applicable (FAMILYUNITGROUPNUMBER=0)	

## Appendix 1 - NUTS Regions

Regional classifications are based on the NUTS (Nomenclature of Territorial Units) classification used by Eurostat. The NUTS3 regions correspond to the eight Regional Authorities established under the Local Government Act, 1991 (Regional Authorities) (Establishment) Order, 1993, which came into operation on 1 January 1994. The NUTS2 regions, which were proposed by Government and agreed by Eurostat in 1999, are groupings of the NUTS3 regions. The composition of the regions is as follows.

### NUTS2 Region

**01 Border, Midland and Western Region      02 Southern and Eastern**

### NUTS3 Region

<b>011 Border</b>	Cavan Donegal Leitrim Louth Monaghan Sligo	<b>021 Dublin</b>	Dublin City Dub-Laoghaire-Rathdown Fingal Sough Dublin
<b>012 Midland</b>	Laois Longford Offaly Westmeath	<b>022 Mid-East</b>	Kildare Meath Wicklow
<b>013 West</b>	Galway City Galway County Mayo Roscommon	<b>023 Mid-West</b>	Clare Limerick City Limerick County North Tipperary
		<b>024 South-East</b>	Carlow Kilkenny South Tipperary Waterford City Waterford County Wexford
		<b>025 South-West</b>	Cork City Cork County Kerry

### **Codes corresponding to the regions:**

<b>Border, Midland and Western</b>	<b>01</b>
<b>Border</b>	<b>011</b>
<b>Midland</b>	<b>012</b>
<b>Western</b>	<b>013</b>
<b>Southern and Eastern</b>	<b>02</b>
<b>Dublin</b>	<b>021</b>
<b>Mid-East</b>	<b>022</b>
<b>Mid-West</b>	<b>023</b>
<b>South-East</b>	<b>024</b>
<b>South-West</b>	<b>025</b>

## **Appendix 2 – NACE Rev1 coding**

### Detail of NACE Revision 1 coding

AB = Agriculture, forestry and fishing

CDE = Other production industries

F = Construction

G = Wholesale and retail trade

H = Hotels and restaurants

I = Transport, storage and communication

JK = Financial and other business services

L = Public administration and defence

M = Education

N = Health

OPQ = Other services

### **Appendix 3 - NACE Rev2 coding**

#### Detail of NACE Revision 2 coding

A = Agriculture, forestry and fishing

BCDE = Industry

F = Construction

G = Wholesale and retail trade; repair of motor vehicles and motorcycles

H = Transportation and storage

I = Accommodation and food service activities

J = Information and communication

KL = Financial, insurance and real estate activities

M = Professional, scientific and technical activities

N = Administrative and support service activities

O = Public administration and defence; compulsory social security

P = Education

Q = Human health and social work activities

RSTU = Other NACE activities X3 = Person in employment but no NACE Rev2 Coding is available

## **Appendix 4 – ISCO 88 coding**

### Detail of ISCO-88 Coding:

- 1 Legislators, senior officials and managers
- 2 Professionals
- 3 Technicians and associate professionals
- 4 Clerks
- 5 Service workers and shop and market sales workers
- 6 Skilled agricultural and fishery workers
- 7 Craft and related trades workers
- 8 Plant and machine operators and assemblers
- 9 Elementary occupations
- 0 Armed forces



## **Appendix 5 – ISCO 08 coding**

Detail of ISCO-2008 Coding:

- 1 Managers
- 2 Professionals
- 3 Technicians and associate professionals
- 4 Clerical support workers
- 5 Service and sales workers
- 6 Skilled agricultural, forestry and fishery workers
- 7 Craft and related trades workers
- 8 Plant and machine operators, and assemblers
- 9 Elementary occupations
- 0 Armed forces occupations

## **Appendix 6 – UK SOC 90 Coding**

### Detail of UK SOC 90 coding

- 1 = Managers and administrators
- 2 = professionals
- 3 = Associate professional and technical
- 4 = Clerical and secretarial
- 5 = Craft and related
- 6 = Personal and protective service
- 7 = Sales
- 8 = Plant and machine operatives
- 9 = Other

## **Appendix 7 – UK SOC 2010 Coding**

### Detail of UK SOC 2010 coding

- 1 Managers, Directors and Senior Officials
- 2 Professional
- 3 Associate Professional and Technical
- 4 Administrative and Secretarial
- 5 Skilled Trades
- 6 Caring, Lesiure and Other Services
- 7 Sales and Customer Services
- 8 Process, plant and machine operatives
- 9 Elementary

## Appendix 8

### **Break in series for NATUREOFOCCUPANCY AND DWELLINGUNIT variables in LFS**

As part of this move, the format and content of the LFS questionnaire was reviewed in an effort to minimise response burden. All questions other than those which were required by EU Regulation were initially removed from the survey. Household type questions were removed as part of this exercise which meant that household tenure and dwelling type were not collected in the new LFS. Following engagement with users, and a further review of the issues in terms of burden after initial testing, these household questions were re-introduced in the LFS from Q2 2017 in response to user demand. However, in the LFS, repeat interviews are generally not conducted in households where all persons are both aged over 75 and classified as not in the labour force as an analysis of the historic data has shown that the Labour Market status of such households almost always remains as not in the labour force, education qualifications and other social characteristics are also unlikely to change. In addition, the operational definition of unemployed is also limited to persons aged less than 75. As a result, data for these types of households is generally brought forward into the subsequent 4 quarters – it can be noted that this approach is also used in many other countries.

Therefore, as the household questions were reintroduced from Q2 2017, it meant that the only 'over 75s' households in which household data was captured were those who were interviewed in Q2 2017 whose data was carried forward to Q3 2017 and those who were interviewed in Q3 2017 and Q4 2018. This meant that there was no household tenure data for 'over 75' households who were interviewed prior to Q2 2017 in the LFS (the questions were not in the survey at the time). These would be represented as wave 3-5 households in the Q3 2017 data while Q4 2017 data would have no data for waves 4 and 5 and Q1 2018 would have no wave 5 data.

Full coverage is again available from Q2 2018

## Appendix 9: NUTS2 and NUTS3 Regions post Q2 2012

<b>Northern and Western</b>	<b>Southern</b>	<b>Eastern and Midland</b>
<b>Border</b>	<b>Mid-West</b>	<b>Dublin</b>
Cavan	Clare	Dublin City
Donegal	Limerick City and County	Dun Laoghaire-Rathdown
Leitrim	Tipperary	Fingal
Monaghan		South Dublin
Sligo		
<b>West</b>	<b>South-East</b>	<b>Mid-East</b>
Galway City	Carlow	Kildare
Galway County	Kilkenny	Meath
Mayo	Waterford City and County	Wicklow
Roscommon	Wexford	Louth
	<b>South-West</b>	<b>Midland</b>
	Cork City	Laois
	Cork County	Longford
	Kerry	Offaly
		Westmeath

### Codes corresponding to the regions Q1 2012 onwards:

<b>Northern and Western</b>	<b>04</b>
<b>Border</b>	<b>041</b>
<b>Western</b>	<b>042</b>
<b>Southern</b>	<b>05</b>
<b>Mid-West</b>	<b>051</b>
<b>South-East</b>	<b>052</b>
<b>South-West</b>	<b>053</b>
<b>Eastern and Midland</b>	<b>06</b>
<b>Dublin</b>	<b>061</b>
<b>Mid-East</b>	<b>062</b>
<b>Midland</b>	<b>063</b>

## Appendix 10: NUTS2 and NUTS3 Regions pre Q2 2012

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<b>Border, Midland and Western</b>	<b>Southern and Eastern</b>
<b>Border</b>	<b>Dublin</b>
Cavan	Dublin City
Donegal	Dun Laoghaire-Rathdown
Leitrim	Fingal
Louth	South Dublin
Monaghan	
Sligo	
<b>Midland</b>	<b>Mid-East</b>
Laois	Kildare
Longford	Meath
Offaly	Wicklow
Westmeath	
<b>West</b>	<b>Mid-West</b>
Galway City	Clare
Galway County	Limerick City
Mayo	Limerick County
Roscommon	North Tipperary
	<b>South-East</b>
	Carlow
	Kilkenny
	South Tipperary
	Waterford City
	Waterford County
	Wexford
	<b>South-West</b>
	Cork City
	Cork County
	Kerry

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### **Appendix 11 – Change to ILOSTAT DETAIL SUMMARY VARIABLE**

From Q3 2017, the question on which code '311' is based on changed as follows with the move from the QNHS to the LFS:

**QNHS:** 'Do you want a job?'

**LFS:** 'Even though you were not looking for work in the last four weeks, would you like to have paid work?'