

EU Labour Force Survey  
November 2022 Release  
(DOI: 10.2907/LFS1983-2021)

Setup for Importing the Anonymised Quarterly Data Sets for 2011-2021

**Content**

- I. Overview
- II. Explanatory notes on the recoding of alphanumeric variables into numeric variables
- III. Explanatory notes on the recoding of missing values
- IV. Remarks on particularities
- V. Classifications

**I. Overview**

The following information will help you to import the EU Labour Force Survey (EU-LFS) 2011-2021 quarterly data. The data you received from Eurostat are formatted as comma separated values (csv). With the routines provided by GESIS's German Microdata Lab, these data can be converted into SPSS and Stata.

The routines to convert the data into SPSS or Stata consist of a period-specific setup and a universal label syntax:

Setup\_EULFS\_2011-2021\_q.sps

Labels\_EULFS\_1983-2021.sps

Setup\_EULFS\_2011-2021\_q.do

Labels\_EULFS\_1983-2021.do

To get the routines running, you just need to configure the period-specific setup. After you have specified all relevant paths and the csv data to be read, everything else runs automatically.

The routines achieve the following objectives:

- Transformation of EU-LFS data from csv into sav (SPSS) and into dta (Stata)
- Recoding of alphanumeric variables into numeric variables
- Recoding of missing values
- Assigning a release variable (RELEASE)
- Definition of variable and value labels (by executing the label syntax)

For a first check of the converted data, you can compare the number of cases per country with the number of cases listed in Table 1 (see below). Consistent numbers indicate that the execution of the setup was successful.

## II. Explanatory notes on the recoding of alphanumeric variables into numeric variables

### – QHHNUM

QHHNUM has a large number of values and thus remains alphanumeric.

### – COUNTRY

Compared to previous data releases, the alphanumeric code for Greece has changed from "GR" to "EL". Thus, the numerical codes for COUNTRY have changed as well.

### – COUNTRYW

Alphanumeric country codes in the LFS are based on the ISO 3166 alpha-2 code.<sup>1</sup> Exceptions are Greece, which is coded as EL (instead of GR in ISO), and the United Kingdom, which is coded as UK (instead of GB in ISO).

Numeric country codes are assigned according to ISO as well.<sup>2</sup> For Kosovo, which has no numeric ISO code yet, we assigned code 899.

In some countries, the coding of COUNTRYW is different. In these countries, COUNTRYW and is aggregated in the same way as CITIZENSHIP and COUNTRYB (see User Guide, Version May 2023, p.100).

### – REGION\_2D, REGION\_2DW

The values of these variables have country-specific meanings (according to the NUTS classification).<sup>3</sup> That is why they are attached to the consequent country variables (COUNTRY, COUNTRYW). The new codes consist of 4 digits: Digits 1 and 2 are similar to the (alphanumeric) codification of COUNTRY/W, digits 3 and 4 are similar to the original codification of REGION\_2D/W.

---

<sup>1</sup> [https://ec.europa.eu/eurostat/statistics-explained/index.php?title=EU\\_labour\\_force\\_survey\\_-\\_documentation#Classifications](https://ec.europa.eu/eurostat/statistics-explained/index.php?title=EU_labour_force_survey_-_documentation#Classifications)

<sup>2</sup> e.g., [https://en.wikipedia.org/wiki/ISO\\_3166-1](https://en.wikipedia.org/wiki/ISO_3166-1)

<sup>3</sup> [https://ec.europa.eu/eurostat/statistics-explained/index.php?title=EU\\_labour\\_force\\_survey\\_-\\_documentation#Coding\\_lists.2C\\_explanatory\\_notes\\_and\\_classifications\\_used\\_over\\_time](https://ec.europa.eu/eurostat/statistics-explained/index.php?title=EU_labour_force_survey_-_documentation#Coding_lists.2C_explanatory_notes_and_classifications_used_over_time)

Where COUNTRYW is aggregated in pre-ISS codes, the digits 1 and 2 of REGION\_2DW have the following meaning:

|                                     |   |
|-------------------------------------|---|
| 01 European Union (EU15)            | 09 South America                            |
| 02 Other European Economic Area     | 10 East Asia                                |
| 03 Other Central and Eastern Europe | 11 Near and Middle East                     |
| 04 Other Europe                     | 12 South and Southeast Asia                 |
| 05 North Africa                     | 13 Australia, Oceania and other territories |
| 06 Other Africa                     | 14 Other or stateless                       |
| 07 North America                    | 15 EU acceding countries                    |
| 08 Central America and Caribbean    |   |

– YEARESID

In the range from 0 to 9 years, YEARESID is provided in single years. Exceptions are Malta and Slovenia, where all values up to 74 are aggregated to 5-year bands (see User Guide, Version May 2023, p. 100). This is documented in the appropriate value labels.

### III. Explanatory notes on the recoding of missing values

Coding standard for missing values:

| <i>in SPSS and Stata</i> | <i>in Stata (optional)</i> | <i>Labels</i>  |
|--------------------------|----------------------------|--|
| -1                       | .a                         | "Not stated" or "No answer"                                    |
| -2                       | .b                         | "Not applicable"   |
| -3                       | .c                         | "Not available"  |
| -4                       | .d                         | "Not specified"  |
| -5                       | .e                         | "Otherwise" in exceptional cases<br>(only LEAVCLAS and DURUNE) |

In SPSS these missing values are declared as user missing values.

The Code -3/.c for "Not available" is assigned, if a variable has no valid cases in a country. Some of these variables have only system missings (i.e., blanks) in the raw data of the respective country, others have only cases with "Not stated" and/or "Not applicable".

Please note:

Optionally, missing values in Stata can be encoded as the extended missing values .a, .b, .c, etc. by reinserting the block "Declare User-Missing Values" at the end of the respective setup.

Specifics and exceptions:

– AGE

There are missing values for AGE in some countries. They were manually recoded to -3 for "Not available".

#### IV. Remarks on particularities

Note that the weighting factors (COEFFQ) can be zero or missing, this is correct.

In addition, some variables contain system missing values in various countries and years that should not exist (according to the User Guide). These system missing values are not changed in the setups and remain in the converted data. Table 2 gives an overview of their frequency.

#### V. Classifications

For information on the classifications used in the EU-LFS, see

[https://ec.europa.eu/eurostat/statistics-explained/index.php?title=EU\\_labour\\_force\\_survey\\_-\\_documentation#Classifications](https://ec.europa.eu/eurostat/statistics-explained/index.php?title=EU_labour_force_survey_-_documentation#Classifications)

---

GESIS - Leibniz-Institute for the Social Sciences  
German Microdata Lab  
B6, 4-5  
68159 Mannheim  
Germany

<http://www.gesis.org/en/gml/>

E-Mail: [gml@gesis.org](mailto:gml@gesis.org)

---

Table 1.1: Number of cases per country, EU-LFS 2021 quarterly data<sup>a</sup>

| Country               | N (without selection) |           |           |           |
|-----------------------|-----------------------|-----------|-----------|-----------|
|                       | Quarter 1             | Quarter 2 | Quarter 3 | Quarter 4 |
| 01 AT Austria         | 43,153                | 43,327    | 43,540    | 43,624    |
| 02 BE Belgium         | 35,688                | 31,964    | 31,594    | 32,166    |
| 03 BG Bulgaria        | 30,558                | 30,149    | 29,292    | 29,332    |
| 04 CH Switzerland     | 31,465                | 32,037    | 30,751    | 30,413    |
| 05 CY Cyprus          | 9,500                 | 9,528     | 9,399     | 9,371     |
| 06 CZ Czech Republic  | 48,966                | 49,996    | 50,146    | 49,610    |
| 07 DE Germany         | 80,179                | 82,235    | 83,871    | 77,417    |
| 08 DK Denmark         | 27,812                | 26,528    | 25,038    | 24,737    |
| 09 EE Estonia         | 7,891                 | 7,539     | 6,961     | 6,816     |
| 10 EL Greece          | 44,308                | 43,294    | 42,751    | 42,961    |
| 11 ES Spain           | 142,850               | 137,626   | 131,283   | 132,419   |
| 12 FI Finland         | 20,721                | 20,148    | 19,517    | 19,075    |
| 13 FR France          | 103,788               | 103,220   | 101,307   | 103,656   |
| 14 HR Croatia         | 9,233                 | 9,346     | 9,491     | 10,086    |
| 15 HU Hungary         | 54,516                | 56,884    | 56,331    | 57,276    |
| 16 IE Ireland         | 28,172                | 26,269    | 28,647    | 29,485    |
| 17 IS Iceland         | 3,280                 | 3,339     | 3,361     | 3,293     |
| 18 IT Italy           | 120,636               | 124,886   | 123,838   | 129,644   |
| 19 LT Lithuania       | 11,611                | 11,850    | 13,152    | 13,521    |
| 20 LU Luxembourg      | 4,510                 | 5,362     | 5,208     | 5,926     |
| 21 LV Latvia          | 9,867                 | 10,086    | 9,390     | 9,614     |
| 22 MT Malta           | 6,015                 | 6,011     | 5,500     | 5,634     |
| 23 NL Netherlands     | 17,431                | 27,955    | 39,131    | 50,347    |
| 24 NO Norway          | 27,755                | 26,902    | 26,351    | 26,608    |
| 25 PL Poland          | 78,353                | 79,841    | 65,793    | 68,061    |
| 26 PT Portugal        | 28,760                | 31,499    | 33,026    | 36,158    |
| 27 RO Romania         | 54,121                | 53,380    | 53,044    | 53,437    |
| 28 SE Sweden          | 21,236                | 20,948    | 20,475    | 20,510    |
| 29 SI Slovenia        | 14,829                | 15,202    | 18,932    | 25,295    |
| 30 SK Slovak Republic | 19,119                | 19,941    | 20,381    | 19,832    |
| Σ                     | 1,136,323             | 1,147,292 | 1,137,501 | 1,166,324 |

<sup>a</sup> see also "FILE\_SIZE\_QUARTERLY.csv" you received from Eurostat

Table 1.2: Number of cases per country, EU-LFS 2020 quarterly data<sup>a</sup>

| Country               | N (without selection) |           |           |           |
|-----------------------|-----------------------|-----------|-----------|-----------|
|                       | Quarter 1             | Quarter 2 | Quarter 3 | Quarter 4 |
| 01 AT Austria         | 44,189                | 44,393    | 44,453    | 44,099    |
| 02 BE Belgium         | 38,147                | 36,309    | 35,787    | 36,660    |
| 03 BG Bulgaria        | 27,576                | 27,013    | 30,773    | 30,950    |
| 04 CH Switzerland     | 28,820                | 29,965    | 29,259    | 29,386    |
| 05 CY Cyprus          | 9,575                 | 9,595     | 9,495     | 9,517     |
| 06 CZ Czech Republic  | 48,221                | 48,004    | 50,812    | 49,889    |
| 07 DE Germany         | -                     | -         | -         | -         |
| 08 DK Denmark         | 31,455                | 31,653    | 31,811    | 30,577    |
| 09 EE Estonia         | 7,276                 | 7,756     | 7,569     | 7,641     |
| 10 EL Greece          | 51,698                | 51,905    | 49,345    | 46,356    |
| 11 ES Spain           | 158,290               | 147,985   | 146,986   | 147,296   |
| 12 FI Finland         | 29,045                | 28,223    | 27,918    | 27,628    |
| 13 FR France          | 96,803                | 93,040    | 98,384    | 99,358    |
| 14 HR Croatia         | 8,927                 | 8,854     | 8,662     | 8,654     |
| 15 HU Hungary         | 48,222                | 42,813    | 52,813    | 54,630    |
| 16 IE Ireland         | 34,831                | 30,666    | 30,620    | 30,950    |
| 17 IS Iceland         | 3,112                 | 3,127     | 3,167     | 3,438     |
| 18 IT Italy           | 134,923               | 134,515   | 138,179   | 139,655   |
| 19 LT Lithuania       | 12,422                | 11,641    | 13,923    | 13,687    |
| 20 LU Luxembourg      | 7,987                 | 7,093     | 7,306     | 7,894     |
| 21 LV Latvia          | 9,305                 | 8,730     | 9,660     | 9,469     |
| 22 MT Malta           | 5,688                 | 5,933     | 5,148     | 5,364     |
| 23 NL Netherlands     | 100,380               | 98,298    | 96,422    | 99,162    |
| 24 NO Norway          | 25,384                | 25,269    | 26,193    | 25,863    |
| 25 PL Poland          | 61,674                | 65,726    | 81,306    | 81,941    |
| 26 PT Portugal        | 34,479                | 29,892    | 27,304    | 27,387    |
| 27 RO Romania         | 54,526                | 51,927    | 53,388    | 53,745    |
| 28 SE Sweden          | 24,744                | 27,816    | 26,862    | 27,404    |
| 29 SI Slovenia        | 14,556                | 15,647    | 14,084    | 15,152    |
| 30 SK Slovak Republic | 20,829                | 21,639    | 20,945    | 20,830    |
| 31 UK United Kingdom  | 76,123                | 67,897    | 67,586    | -         |
| Σ                     | 1,249,207             | 1,213,324 | 1,246,160 | 1,184,582 |

<sup>a</sup> see also "FILE\_SIZE\_QUARTERLY.csv" you received from Eurostat

Table 1.3: Number of cases per country, EU-LFS 2019 quarterly data<sup>a</sup>

| Country               | N (without selection) |           |           |           |
|-----------------------|-----------------------|-----------|-----------|-----------|
|                       | Quarter 1             | Quarter 2 | Quarter 3 | Quarter 4 |
| 01 AT Austria         | 43,768                | 44,026    | 43,835    | 44,123    |
| 02 BE Belgium         | 37,201                | 37,478    | 37,982    | 38,614    |
| 03 BG Bulgaria        | 32,946                | 32,488    | 32,358    | 32,686    |
| 04 CH Switzerland     | 30,119                | 28,671    | 27,449    | 27,998    |
| 05 CY Cyprus          | 9,708                 | 9,668     | 9,578     | 9,617     |
| 06 CZ Czech Republic  | 51,579                | 51,182    | 51,018    | 51,216    |
| 07 DE Germany         | 126,851               | 122,055   | 125,865   | 147,279   |
| 08 DK Denmark         | 32,131                | 32,136    | 32,408    | 31,144    |
| 09 EE Estonia         | 7,110                 | 7,105     | 7,278     | 7,169     |
| 10 EL Greece          | 58,105                | 56,840    | 55,455    | 53,820    |
| 11 ES Spain           | 164,536               | 164,764   | 163,365   | 163,152   |
| 12 FI Finland         | 30,547                | 29,673    | 29,100    | 29,082    |
| 13 FR France          | 129,137               | 127,961   | 121,790   | 125,304   |
| 14 HR Croatia         | 9,458                 | 9,044     | 8,561     | 8,508     |
| 15 HU Hungary         | 51,408                | 50,805    | 51,658    | 51,155    |
| 16 IE Ireland         | 38,701                | 36,385    | 35,828    | 37,297    |
| 17 IS Iceland         | 3,074                 | 2,972     | 2,962     | 3,036     |
| 18 IT Italy           | 146,476               | 144,739   | 141,124   | 141,626   |
| 19 LT Lithuania       | 14,933                | 14,425    | 14,341    | 13,760    |
| 20 LU Luxembourg      | 8,211                 | 7,119     | 7,984     | 7,554     |
| 21 LV Latvia          | 9,940                 | 9,754     | 9,925     | 9,598     |
| 22 MT Malta           | 5,650                 | 5,140     | 4,995     | 5,191     |
| 23 NL Netherlands     | 109,434               | 101,425   | 100,806   | 94,531    |
| 24 NO Norway          | 25,752                | 25,365    | 25,684    | 25,592    |
| 25 PL Poland          | 68,759                | 64,918    | 63,678    | 63,905    |
| 26 PT Portugal        | 37,393                | 35,909    | 36,505    | 36,039    |
| 27 RO Romania         | 56,748                | 55,907    | 55,339    | 55,200    |
| 28 SE Sweden          | 23,758                | 23,435    | 22,743    | 22,790    |
| 29 SI Slovenia        | 15,979                | 15,353    | 15,104    | 14,920    |
| 30 SK Slovak Republic | 21,852                | 21,646    | 21,493    | 21,433    |
| 31 UK United Kingdom  | 85,321                | 84,474    | 83,350    | 82,139    |
| Σ                     | 1,486,585             | 1,452,862 | 1,439,561 | 1,455,478 |

<sup>a</sup> see also "FILE\_SIZE\_QUARTERLY.csv" you received from Eurostat

Table 1.4: Number of cases per country, EU-LFS 2018 quarterly data<sup>a</sup>

| Country               | N (without selection) |           |           |           |
|-----------------------|-----------------------|-----------|-----------|-----------|
|                       | Quarter 1             | Quarter 2 | Quarter 3 | Quarter 4 |
| 01 AT Austria         | 44,055                | 43,678    | 44,149    | 43,640    |
| 02 BE Belgium         | 37,715                | 36,073    | 36,187    | 36,889    |
| 03 BG Bulgaria        | 33,073                | 33,004    | 32,657    | 32,848    |
| 04 CH Switzerland     | 31,907                | 30,854    | 29,773    | 29,813    |
| 05 CY Cyprus          | 10,133                | 9,980     | 9,839     | 9,805     |
| 06 CZ Czech Republic  | 52,683                | 51,761    | 51,368    | 51,545    |
| 07 DE Germany         | 122,861               | 127,444   | 127,317   | 143,209   |
| 08 DK Denmark         | 32,462                | 32,345    | 32,354    | 32,250    |
| 09 EE Estonia         | 6,955                 | 6,954     | 7,336     | 7,251     |
| 10 EL Greece          | 61,505                | 59,608    | 59,322    | 58,769    |
| 11 ES Spain           | 160,875               | 161,506   | 161,363   | 163,019   |
| 12 FI Finland         | 31,675                | 30,944    | 30,530    | 30,278    |
| 13 FR France          | 132,846               | 129,835   | 125,812   | 127,409   |
| 14 HR Croatia         | 8,803                 | 9,593     | 9,264     | 9,374     |
| 15 HU Hungary         | 53,793                | 53,768    | 53,997    | 52,187    |
| 16 IE Ireland         | 35,635                | 35,830    | 36,399    | 36,455    |
| 17 IS Iceland         | 3,244                 | 3,155     | 3,227     | 3,171     |
| 18 IT Italy           | 146,376               | 145,980   | 143,221   | 144,292   |
| 19 LT Lithuania       | 14,839                | 15,117    | 14,924    | 15,048    |
| 20 LU Luxembourg      | 7,425                 | 6,846     | 6,230     | 7,435     |
| 21 LV Latvia          | 10,272                | 9,802     | 10,190    | 10,364    |
| 22 MT Malta           | 5,949                 | 5,914     | 5,719     | 5,691     |
| 23 NL Netherlands     | 103,761               | 100,791   | 104,951   | 108,764   |
| 24 NO Norway          | 25,853                | 25,877    | 25,958    | 25,856    |
| 25 PL Poland          | 73,856                | 70,076    | 69,353    | 70,341    |
| 26 PT Portugal        | 39,441                | 38,116    | 38,001    | 37,737    |
| 27 RO Romania         | 58,229                | 56,900    | 56,305    | 56,680    |
| 28 SE Sweden          | 48,523                | 47,207    | 23,598    | 24,080    |
| 29 SI Slovenia        | 16,906                | 16,627    | 15,780    | 15,757    |
| 30 SK Slovak Republic | 22,218                | 21,917    | 21,933    | 21,720    |
| 31 UK United Kingdom  | 87,388                | 87,439    | 85,628    | 84,570    |
| Σ                     | 1,521,256             | 1,504,941 | 1,472,685 | 1,496,247 |

<sup>a</sup> see also "FILE\_SIZE\_QUARTERLY.csv" you received from Eurostat



Table 1.5: Number of cases per country, EU-LFS 2017 quarterly data<sup>a</sup>

| Country               | N (without selection) |           |           |           |
|-----------------------|-----------------------|-----------|-----------|-----------|
|                       | Quarter 1             | Quarter 2 | Quarter 3 | Quarter 4 |
| 01 AT Austria         | 44,642                | 44,137    | 45,065    | 44,649    |
| 02 BE Belgium         | 37,654                | 37,437    | 36,734    | 37,913    |
| 03 BG Bulgaria        | 33,045                | 31,503    | 31,041    | 32,722    |
| 04 CH Switzerland     | 31,369                | 30,688    | 29,796    | 30,586    |
| 05 CY Cyprus          | 10,203                | 10,148    | 10,169    | 10,133    |
| 06 CZ Czech Republic  | 53,569                | 53,104    | 52,984    | 52,849    |
| 07 DE Germany         | 126,940               | 126,313   | 129,091   | 142,630   |
| 08 DK Denmark         | 32,364                | 30,780    | 31,225    | 32,189    |
| 09 EE Estonia         | 6,498                 | 6,926     | 6,979     | 7,157     |
| 10 EL Greece          | 63,543                | 61,571    | 61,139    | 61,427    |
| 11 ES Spain           | 159,714               | 159,384   | 158,785   | 159,269   |
| 12 FI Finland         | 32,427                | 31,851    | 31,534    | 31,706    |
| 13 FR France          | 132,868               | 131,318   | 126,638   | 130,746   |
| 14 HR Croatia         | 8,444                 | 8,091     | 8,002     | 7,938     |
| 15 HU Hungary         | 56,977                | 57,032    | 57,332    | 55,586    |
| 16 IE Ireland         | 44,027                | 41,315    | 33,620    | 34,424    |
| 17 IS Iceland         | 2,689                 | 2,581     | 2,608     | 2,565     |
| 18 IT Italy           | 147,280               | 145,483   | 143,283   | 145,403   |
| 19 LT Lithuania       | 15,224                | 14,620    | 14,533    | 14,759    |
| 20 LU Luxembourg      | 7,927                 | 7,051     | 7,460     | 7,178     |
| 21 LV Latvia          | 10,623                | 10,473    | 10,519    | 10,426    |
| 22 MT Malta           | 6,421                 | 6,274     | 6,052     | 5,732     |
| 23 NL Netherlands     | 95,473                | 92,886    | 92,409    | 96,287    |
| 24 NO Norway          | 25,312                | 25,363    | 25,826    | 25,727    |
| 25 PL Poland          | 78,103                | 75,034    | 75,105    | 76,331    |
| 26 PT Portugal        | 40,476                | 39,360    | 39,116    | 39,248    |
| 27 RO Romania         | 58,672                | 56,745    | 56,871    | 58,194    |
| 28 SE Sweden          | 51,145                | 50,853    | 50,404    | 49,715    |
| 29 SI Slovenia        | 16,197                | 16,037    | 16,078    | 16,537    |
| 30 SK Slovak Republic | 22,705                | 22,423    | 22,237    | 22,097    |
| 31 UK United Kingdom  | 86,475                | 86,745    | 85,859    | 86,649    |
| Σ                     | 1,539,006             | 1,513,526 | 1,498,494 | 1,528,772 |

<sup>a</sup> see also "FILE\_SIZE\_QUARTERLY.csv" you received from Eurostat

Table 1.6: Number of cases per country, EU-LFS 2016 quarterly data<sup>a</sup>

| Country               | N (without selection) |           |           |           |
|-----------------------|-----------------------|-----------|-----------|-----------|
|                       | Quarter 1             | Quarter 2 | Quarter 3 | Quarter 4 |
| 01 AT Austria         | 44,060                | 43,955    | 44,416    | 44,564    |
| 02 BE Belgium         | 23,135                | 22,059    | 28,104    | 25,270    |
| 03 BG Bulgaria        | 34,121                | 32,207    | 31,962    | 32,911    |
| 04 CH Switzerland     | 30,758                | 30,547    | 29,657    | 30,212    |
| 05 CY Cyprus          | 10,034                | 10,113    | 10,210    | 10,105    |
| 06 CZ Czech Republic  | 54,213                | 54,079    | 53,575    | 53,472    |
| 07 DE Germany         | 114,136               | 126,500   | 128,918   | 138,703   |
| 08 DK Denmark         | 30,220                | 33,211    | 32,749    | 33,058    |
| 09 EE Estonia         | 6,082                 | 6,023     | 5,903     | 6,107     |
| 10 EL Greece          | 61,030                | 61,901    | 63,592    | 63,208    |
| 11 ES Spain           | 161,465               | 160,833   | 159,957   | 158,915   |
| 12 FI Finland         | 33,660                | 32,774    | 32,529    | 32,277    |
| 13 FR France          | 135,578               | 134,776   | 129,788   | 132,196   |
| 14 HR Croatia         | 8,812                 | 7,933     | 7,675     | 8,117     |
| 15 HU Hungary         | 59,121                | 58,596    | 58,442    | 58,006    |
| 16 IE Ireland         | 41,286                | 44,048    | 42,059    | 42,853    |
| 17 IS Iceland         | 2,848                 | 2,787     | 2,777     | 2,767     |
| 18 IT Italy           | 148,047               | 144,012   | 145,429   | 147,083   |
| 19 LT Lithuania       | 14,668                | 13,822    | 13,523    | 14,002    |
| 20 LU Luxembourg      | 7,541                 | 8,512     | 6,858     | 8,314     |
| 21 LV Latvia          | 10,423                | 9,936     | 10,274    | 10,437    |
| 22 MT Malta           | 6,365                 | 6,361     | 6,399     | 6,388     |
| 23 NL Netherlands     | 102,181               | 100,889   | 93,734    | 97,259    |
| 24 NO Norway          | 24,515                | 24,474    | 25,104    | 24,752    |
| 25 PL Poland          | 82,832                | 80,855    | 79,865    | 80,107    |
| 26 PT Portugal        | 41,410                | 40,382    | 40,350    | 40,743    |
| 27 RO Romania         | 57,591                | 56,155    | 58,350    | 59,689    |
| 28 SE Sweden          | 51,178                | 50,295    | 50,223    | 51,138    |
| 29 SI Slovenia        | 15,629                | 15,984    | 15,834    | 15,440    |
| 30 SK Slovak Republic | 23,293                | 23,327    | 23,213    | 22,926    |
| 31 UK United Kingdom  | 88,730                | 88,202    | 86,502    | 86,390    |
| Σ                     | 1,524,962             | 1,525,548 | 1,517,971 | 1,537,409 |

<sup>a</sup> see also "FILE\_SIZE\_QUARTERLY.csv" you received from Eurostat

Table 1.7: Number of cases per country, EU-LFS 2015 quarterly data<sup>a</sup>

| Country               | N (without selection) |           |           |           |
|-----------------------|-----------------------|-----------|-----------|-----------|
|                       | Quarter 1             | Quarter 2 | Quarter 3 | Quarter 4 |
| 01 AT Austria         | 43,447                | 43,369    | 43,488    | 43,145    |
| 02 BE Belgium         | 25,626                | 25,434    | 21,686    | 23,815    |
| 03 BG Bulgaria        | 32,039                | 30,287    | 30,710    | 34,192    |
| 04 CH Switzerland     | 31,750                | 32,784    | 32,640    | 31,569    |
| 05 CY Cyprus          | 9,920                 | 9,943     | 10,013    | 9,992     |
| 06 CZ Czech Republic  | 54,031                | 53,892    | 53,672    | 54,314    |
| 07 DE Germany         | 109,971               | 115,686   | 116,737   | 130,811   |
| 08 DK Denmark         | 35,336                | 34,961    | 34,917    | 34,599    |
| 09 EE Estonia         | 6,124                 | 5,960     | 5,729     | 5,846     |
| 10 EL Greece          | 57,446                | 57,646    | 58,067    | 59,052    |
| 11 ES Spain           | 167,536               | 165,876   | 162,775   | 162,781   |
| 12 FI Finland         | 33,370                | 33,363    | 33,449    | 33,946    |
| 13 FR France          | 134,740               | 132,726   | 128,429   | 131,081   |
| 14 HR Croatia         | 9,676                 | 9,615     | 9,374     | 9,541     |
| 15 HU Hungary         | 62,199                | 61,424    | 61,453    | 59,988    |
| 16 IE Ireland         | 49,197                | 50,939    | 47,110    | 45,047    |
| 17 IS Iceland         | 3,036                 | 3,034     | 2,937     | 2,832     |
| 18 IT Italy           | 150,726               | 150,265   | 148,550   | 148,331   |
| 19 LT Lithuania       | 14,212                | 13,979    | 14,125    | 14,188    |
| 20 LU Luxembourg      | 5,678                 | 5,580     | 4,970     | 11,475    |
| 21 LV Latvia          | 10,831                | 10,721    | 9,893     | 9,917     |
| 22 MT Malta           | 6,565                 | 6,329     | 6,387     | 6,402     |
| 23 NL Netherlands     | 102,018               | 99,433    | 96,129    | 101,704   |
| 24 NO Norway          | 24,190                | 24,279    | 24,172    | 23,882    |
| 25 PL Poland          | 88,113                | 85,499    | 84,382    | 85,091    |
| 26 PT Portugal        | 42,721                | 41,354    | 41,074    | 41,346    |
| 27 RO Romania         | 59,032                | 59,459    | 59,752    | 60,881    |
| 28 SE Sweden          | 54,107                | 52,519    | 53,268    | 53,042    |
| 29 SI Slovenia        | 15,300                | 15,116    | 15,308    | 15,255    |
| 30 SK Slovak Republic | 23,530                | 23,310    | 23,328    | 23,291    |
| 31 UK United Kingdom  | 93,791                | 93,250    | 90,726    | 89,563    |
| Σ                     | 1,556,258             | 1,548,032 | 1,525,250 | 1,556,919 |

<sup>a</sup> see also "FILE\_SIZE\_QUARTERLY.csv" you received from Eurostat

Table 1.8: Number of cases per country, EU-LFS 2014 quarterly data<sup>a</sup>

| Country               | N (without selection) |           |           |           |
|-----------------------|-----------------------|-----------|-----------|-----------|
|                       | Quarter 1             | Quarter 2 | Quarter 3 | Quarter 4 |
| 01 AT Austria         | 44,594                | 44,030    | 44,107    | 44,063    |
| 02 BE Belgium         | 26,587                | 24,816    | 25,688    | 25,225    |
| 03 BG Bulgaria        | 32,757                | 30,717    | 31,229    | 32,851    |
| 04 CH Switzerland     | 33,052                | 35,139    | 34,054    | 31,625    |
| 05 CY Cyprus          | 10,182                | 10,285    | 10,014    | 9,839     |
| 06 CZ Czech Republic  | 55,105                | 54,604    | 54,482    | 54,217    |
| 07 DE Germany         | 113,636               | 115,047   | 113,983   | 125,008   |
| 08 DK Denmark         | 35,871                | 35,017    | 35,662    | 35,672    |
| 09 EE Estonia         | 6,209                 | 5,985     | 5,992     | 6,044     |
| 10 EL Greece          | 61,698                | 59,090    | 58,630    | 58,283    |
| 11 ES Spain           | 171,013               | 170,198   | 167,824   | 168,338   |
| 12 FI Finland         | 34,439                | 34,025    | 34,157    | 33,857    |
| 13 FR France          | 136,009               | 134,098   | 128,761   | 130,164   |
| 14 HR Croatia         | 9,733                 | 9,261     | 9,099     | 9,313     |
| 15 HU Hungary         | 64,274                | 64,096    | 63,956    | 62,904    |
| 16 IE Ireland         | 52,381                | 52,763    | 52,915    | 50,515    |
| 17 IS Iceland         | 3,034                 | 2,981     | 2,995     | 3,023     |
| 18 IT Italy           | 153,276               | 150,966   | 149,671   | 150,667   |
| 19 LT Lithuania       | 15,350                | 15,017    | 14,745    | 14,677    |
| 20 LU Luxembourg      | 3,352                 | 3,225     | 3,339     | 3,818     |
| 21 LV Latvia          | 10,546                | 10,592    | 10,729    | 10,818    |
| 22 MT Malta           | 6,331                 | 6,421     | 6,326     | 6,511     |
| 23 NL Netherlands     | 108,559               | 102,941   | 100,665   | 101,274   |
| 24 NO Norway          | 24,753                | 24,403    | 24,239    | 23,979    |
| 25 PL Poland          | 93,729                | 91,123    | 89,648    | 89,542    |
| 26 PT Portugal        | 41,788                | 41,665    | 41,633    | 42,157    |
| 27 RO Romania         | 56,920                | 56,533    | 55,744    | 56,005    |
| 28 SE Sweden          | 58,694                | 56,720    | 56,443    | 55,527    |
| 29 SI Slovenia        | 15,926                | 15,526    | 15,634    | 15,457    |
| 30 SK Slovak Republic | 24,926                | 24,603    | 24,345    | 24,084    |
| 31 UK United Kingdom  | 97,067                | 96,476    | 93,813    | 93,600    |
| Σ                     | 1,601,791             | 1,578,363 | 1,560,522 | 1,569,057 |

<sup>a</sup> see also "FILE\_SIZE\_QUARTERLY.csv" you received from Eurostat

Table 1.9: Number of cases per country, EU-LFS 2013 quarterly data<sup>a</sup>

| Country               | N (without selection) |           |           |           |
|-----------------------|-----------------------|-----------|-----------|-----------|
|                       | Quarter 1             | Quarter 2 | Quarter 3 | Quarter 4 |
| 01 AT Austria         | 45,075                | 45,135    | 45,488    | 44,761    |
| 02 BE Belgium         | 24,357                | 23,430    | 24,102    | 24,630    |
| 03 BG Bulgaria        | 32,243                | 30,683    | 31,630    | 34,023    |
| 04 CH Switzerland     | 36,544                | 35,936    | 35,392    | 32,022    |
| 05 CY Cyprus          | 10,799                | 10,833    | 10,576    | 10,272    |
| 06 CZ Czech Republic  | 56,865                | 56,088    | 55,647    | 55,401    |
| 07 DE Germany         | 108,970               | 119,883   | 115,611   | 122,642   |
| 08 DK Denmark         | 35,970                | 35,855    | 35,691    | 35,737    |
| 09 EE Estonia         | 6,187                 | 6,117     | 6,017     | 5,898     |
| 10 EL Greece          | 61,368                | 60,814    | 61,332    | 61,666    |
| 11 ES Spain           | 170,854               | 171,909   | 170,601   | 171,034   |
| 12 FI Finland         | 34,554                | 34,415    | 34,719    | 33,967    |
| 13 FR France          | 126,541               | 122,242   | 114,857   | 116,249   |
| 14 HR Croatia         | 9,352                 | 9,144     | 8,644     | 8,644     |
| 15 HU Hungary         | 65,571                | 64,786    | 64,589    | 64,372    |
| 16 IE Ireland         | 55,067                | 53,249    | 49,518    | 51,403    |
| 17 IS Iceland         | 3,122                 | 3,098     | 3,086     | 3,078     |
| 18 IT Italy           | 155,047               | 153,317   | 150,434   | 152,457   |
| 19 LT Lithuania       | 15,258                | 14,971    | 15,371    | 15,526    |
| 20 LU Luxembourg      | 3,931                 | 4,109     | 4,126     | 3,876     |
| 21 LV Latvia          | 9,451                 | 9,430     | 9,893     | 10,237    |
| 22 MT Malta           | 6,318                 | 6,500     | 6,537     | 6,242     |
| 23 NL Netherlands     | 113,295               | 112,093   | 108,814   | 108,860   |
| 24 NO Norway          | 20,489                | 20,160    | 19,765    | 20,109    |
| 25 PL Poland          | 101,330               | 98,069    | 96,012    | 95,739    |
| 26 PT Portugal        | 40,158                | 39,361    | 39,647    | 40,493    |
| 27 RO Romania         | 57,552                | 56,663    | 55,705    | 56,285    |
| 28 SE Sweden          | 61,357                | 60,440    | 59,738    | 59,608    |
| 29 SI Slovenia        | 15,031                | 15,215    | 15,486    | 15,491    |
| 30 SK Slovak Republic | 25,349                | 25,281    | 25,091    | 25,089    |
| 31 UK United Kingdom  | 96,379                | 95,105    | 95,163    | 96,697    |
| Σ                     | 1,604,384             | 1,594,331 | 1,569,282 | 1,582,508 |

<sup>a</sup> see also "FILE\_SIZE\_QUARTERLY.csv" you received from Eurostat

Table 1.10: Number of cases per country, EU-LFS 2012 quarterly data<sup>a</sup>

| Country               | N (without selection) |           |           |           |
|-----------------------|-----------------------|-----------|-----------|-----------|
|                       | Quarter 1             | Quarter 2 | Quarter 3 | Quarter 4 |
| 01 AT Austria         | 44,943                | 45,075    | 44,983    | 45,440    |
| 02 BE Belgium         | 24,404                | 23,062    | 23,834    | 25,420    |
| 03 BG Bulgaria        | 31,314                | 30,355    | 30,608    | 32,635    |
| 04 CH Switzerland     | 35,539                | 35,744    | 35,792    | 36,394    |
| 05 CY Cyprus          | 10,712                | 10,784    | 10,710    | 10,597    |
| 06 CZ Czech Republic  | 57,895                | 57,491    | 57,191    | 57,017    |
| 07 DE Germany         | 115,532               | 113,771   | 117,308   | 124,174   |
| 08 DK Denmark         | 36,027                | 35,822    | 36,190    | 36,189    |
| 09 EE Estonia         | 5,989                 | 6,074     | 6,161     | 6,136     |
| 10 EL Greece          | 63,352                | 60,743    | 60,012    | 58,565    |
| 11 ES Spain           | 171,344               | 171,390   | 169,649   | 170,528   |
| 12 FI Finland         | 35,585                | 34,998    | 34,969    | 34,632    |
| 13 FR France          | 127,841               | 129,445   | 126,528   | 130,614   |
| 14 HR Croatia         | 9,772                 | 9,317     | 9,124     | 9,060     |
| 15 HU Hungary         | 69,093                | 68,792    | 69,120    | 67,628    |
| 16 IE Ireland         | 55,094                | 62,424    | 58,765    | 57,879    |
| 17 IS Iceland         | 3,201                 | 3,162     | 3,179     | 3,124     |
| 18 IT Italy           | 149,205               | 148,338   | 155,115   | 154,314   |
| 19 LT Lithuania       | 15,928                | 15,794    | 15,736    | 15,380    |
| 20 LU Luxembourg      | 6,311                 | 6,214     | 5,250     | 5,388     |
| 21 LV Latvia          | 8,826                 | 8,744     | 8,754     | 8,563     |
| 22 MT Malta           | 6,187                 | 6,201     | 6,146     | 6,122     |
| 23 NL Netherlands     | 105,481               | 102,841   | 97,862    | 109,450   |
| 24 NO Norway          | 19,383                | 19,614    | 19,543    | 18,878    |
| 25 PL Poland          | 106,063               | 104,959   | 104,209   | 103,749   |
| 26 PT Portugal        | 40,258                | 39,884    | 39,858    | 39,948    |
| 27 RO Romania         | 59,182                | 57,540    | 56,757    | 57,190    |
| 28 SE Sweden          | 62,726                | 61,829    | 61,958    | 61,708    |
| 29 SI Slovenia        | 14,984                | 14,518    | 14,506    | 14,407    |
| 30 SK Slovak Republic | 25,539                | 25,346    | 25,248    | 25,336    |
| 31 UK United Kingdom  | 100,344               | 100,155   | 97,720    | 96,376    |
| Σ                     | 1,618,054             | 1,610,426 | 1,602,785 | 1,622,841 |

<sup>a</sup> see also "FILE\_SIZE\_QUARTERLY.csv" you received from Eurostat

Table 1.11: Number of cases per country, EU-LFS 2011 quarterly data<sup>a</sup>

| Country               | N (without selection) |           |           |           |
|-----------------------|-----------------------|-----------|-----------|-----------|
|                       | Quarter 1             | Quarter 2 | Quarter 3 | Quarter 4 |
| 01 AT Austria         | 45,489                | 44,990    | 45,113    | 44,707    |
| 02 BE Belgium         | 25,671                | 22,937    | 23,559    | 23,773    |
| 03 BG Bulgaria        | 32,620                | 31,964    | 31,480    | 31,520    |
| 04 CH Switzerland     | 34,929                | 34,955    | 34,707    | 34,894    |
| 05 CY Cyprus          | 10,825                | 10,849    | 10,655    | 10,668    |
| 06 CZ Czech Republic  | 58,410                | 58,268    | 57,804    | 57,558    |
| 07 DE Germany         | 113,002               | 120,840   | 116,731   | 123,756   |
| 08 DK Denmark         | 34,705                | 34,898    | 35,027    | 35,838    |
| 09 EE Estonia         | 5,257                 | 5,323     | 5,403     | 5,587     |
| 10 EL Greece          | 69,556                | 70,755    | 66,099    | 65,360    |
| 11 ES Spain           | 171,487               | 170,966   | 168,979   | 167,161   |
| 12 FI Finland         | 36,004                | 36,088    | 35,858    | 35,569    |
| 13 FR France          | 129,301               | 129,012   | 126,433   | 131,390   |
| 14 HR Croatia         | 9,927                 | 9,347     | 9,265     | 9,666     |
| 15 HU Hungary         | 70,535                | 70,788    | 71,281    | 70,136    |
| 16 IE Ireland         | 57,162                | 59,361    | 56,262    | 55,420    |
| 17 IS Iceland         | 3,126                 | 3,122     | 3,207     | 3,266     |
| 18 IT Italy           | 167,800               | 163,578   | 161,086   | 165,105   |
| 19 LT Lithuania       | 16,647                | 16,531    | 16,237    | 15,751    |
| 20 LU Luxembourg      | 5,833                 | 4,875     | 4,446     | 4,783     |
| 21 LV Latvia          | 9,295                 | 8,727     | 9,154     | 8,680     |
| 22 MT Malta           | 6,036                 | 5,965     | 6,059     | 5,909     |
| 23 NL Netherlands     | 102,042               | 104,398   | 104,295   | 105,930   |
| 24 NO Norway          | 20,770                | 20,432    | 20,073    | 19,515    |
| 25 PL Poland          | 103,438               | 104,760   | 105,609   | 107,326   |
| 26 PT Portugal        | 39,884                | 40,077    | 39,365    | 40,410    |
| 27 RO Romania         | 61,434                | 59,631    | 58,574    | 59,168    |
| 28 SE Sweden          | 64,111                | 62,996    | 62,862    | 62,661    |
| 29 SI Slovenia        | 15,823                | 15,470    | 15,386    | 15,209    |
| 30 SK Slovak Republic | 26,446                | 26,203    | 25,919    | 25,706    |
| 31 UK United Kingdom  | 99,347                | 97,980    | 98,292    | 99,834    |
| Σ                     | 1,646,912             | 1,646,086 | 1,625,220 | 1,642,256 |

<sup>a</sup> see also "FILE\_SIZE\_QUARTERLY.csv" you received from Eurostat

Table 2: Number of remaining system missing values per variable, EU-LFS quarterly data

| Year | Variable |          |
|------|----------|----------|
|      | INTWEEK  | COUNTRYW |
| 2021 | –        | –        |
| 2020 | 96,193   | 87       |
| 2019 | 111,060  | 838      |
| 2018 | 110,679  | 836      |
| 2017 | 109,994  | 787      |
| 2016 | 109,287  | 703      |
| 2015 | 106,926  | 828      |
| 2014 | 105,578  | 801      |
| 2013 | 102,041  | 816      |
| 2012 | 102,075  | 807      |
| 2011 | 100,662  | 598      |