



# **ESS8 – 2016 DOCUMENTATION REPORT**

## **THE ESS DATA ARCHIVE**

**Edition 2.0**



## Version Notes, ESS8 - 2016 Documentation Report

ESS8 edition 2.0 (published 30.05.18):

Applies to datafile ESS8 edition 2.0

Changes from edition.1.0

Additional countries:

Hungary, Italy, Lithuania, Portugal, Spain.

21 Weighting: Information updated to include post-stratification weights.

25 Version notes: Information updated for ESS8 ed.2.0 data.

26 Completeness of collection stored: Information updated for ESS8 ed.2.0 data.

CZECH REPUBLIC:

46 Deviations: Amended to reflect the removal of 31 records previously set to system missing.

47.1 Breakdown of response and non response, main questionnaire: Updated to include 31 invalid interviews, Response rate adjusted accordingly.

ICELAND:

39 Field work period(s): Fieldwork period corrected.

IRELAND:

46 Deviations: Amended to reflect the removal of 9 records previously set to system missing.

47.1 Breakdown of response and non response, main questionnaire: Updated to include 9 invalid interviews, Response rate adjusted accordingly.

ISRAEL:

43.3 Employment status of interviewers corrected to free-lance interviewers.

SLOVENIA:

39 Field work period(s): Fieldwork period corrected.

SWEDEN:

34.4 Anonymisation. Documentation of anonymisation updated.

ESS8 edition 1.0 (published 31.10.17):

Includes data from Austria, Belgium, Czech Republic, Estonia, Finland, France, Germany, Iceland, Ireland, Israel, Netherlands, Norway, Poland, Russian Federation, Slovenia, Sweden, Switzerland, United Kingdom.

Variables:

PSPWGHT: Post-stratification weights will be added in a later release in the spring of 2018.

# Contents

<b>0. Version Notes</b> .....	<b>2</b>
<b>1. Introduction</b> .....	<b>4</b>
<b>2. Study Description</b> .....	<b>5</b>
The Study .....	5
Study Frame .....	5
Key Persons and Institutions .....	6
The Data File .....	7
Legal Aspects .....	16
<b>3. Country Reports</b> .....	<b>17</b>
Austria .....	18
Belgium .....	25
Czech Republic .....	33
Estonia .....	40
Finland .....	48
France .....	56
Germany .....	64
Hungary .....	72
Iceland .....	79
Ireland .....	86
Israel .....	93
Italy .....	100
Lithuania .....	108
Netherlands .....	116
Norway .....	123
Poland .....	130
Portugal .....	138
Russian Federation .....	145
Slovenia .....	152
Spain .....	159
Sweden .....	166
Switzerland .....	173
United Kingdom .....	181
<b>4. Appendices, separate documents</b>	
A1 Education ESS8-2016	
A2 Income ESS8-2016	
A3 Political Parties ESS8-2016	
A4 Legal marital and relationship status ESS8-2016	
A5 Population statistics, ESS8-2016	
A6 Classifications and coding standards, ESS8-2016	
A7 Variables and questions, ESS8-2016	
A8 Variable lists, ESS8-2016	
A9 Ancestry, ESS8-2016	

# Introduction

The ESS8-2016 Documentation Report is a comprehensive document aimed primarily to accompany and document the data from the main questionnaire in this round of The European Social Survey.

The report has two main sections. Firstly the Study description, containing information regarding the study itself, the study frame, key persons and institutions, access to the ESS data, a summary description of the data file, and legal aspects concerning the conditions of use of the ESS data.

Secondly the report contains Country reports, providing country specific information on data collector, funding agencies, sampling procedures, fieldwork procedures, response rates and other country specific study related materials.

In addition, the report has nine Appendices available as separate documents. Appendix A1 contains documentation of the measurement of educational attainment, Appendix A2 documentation of the income measure, Appendix A3 documentation of political parties, and Appendix A4 documentation of legal marital and relationship status. Appendix A5 contains country by country population statistics, Appendix A6 contains documentation of classifications and standards used in the ESS8-2016, A7 contains a list of variables and questions in the main questionnaire. A8 is a variable list sorted by question number and by variable name. A9 contains general information on the ESS Ancestry measure as well as country specific information on showcards and mapping to the harmonised code frame.

We would particularly urge all users to familiarise themselves with the Legal aspects found under items 28 Restrictions, 29 Citation Requirement, 30 Disclaimer and 32 Deposit Requirement.

The ESS Data Team at NSD

# Study Description

	<b>The Study</b>
<b>1 Title</b>	ESS8-European Social Survey Round 8 2016/2017
<b>2 Alternative title</b>	ESS8-2016
<b>3 ID Number</b>	ESS8e02.0
<b>4 Bibliographic Citation</b>	European Social Survey (2017). ESS Round 8 (2016/2017) Technical Report. London: ESS ERIC
<b>5 Abstract</b>	<p>The European Social Survey (ESS) is an academically-driven multi-country survey, which has been administered in over 30 countries to date. Its three aims are, firstly – to monitor and interpret changing public attitudes and values within Europe and to investigate how they interact with Europe's changing institutions, secondly - to advance and consolidate improved methods of cross-national survey measurement in Europe and beyond, and thirdly - to develop a series of European social indicators, including attitudinal indicators.</p> <p>In the eighth round, the survey covers 23 countries and employs the most rigorous methodologies. From Round 7 it is funded by the Members, Observers and Guests of ESS European Research Infrastructure Consortium (ESS ERIC) who represent national governments. Participating countries directly fund the central coordination costs of the ESS ERIC, as well the costs of fieldwork and national coordination in their own country.</p> <p>The survey involves strict random probability sampling, a minimum target response rate of 70% and rigorous translation protocols. The hour-long face-to-face interview includes questions on a variety of core topics repeated from previous rounds of the survey and also two modules developed for Round 8 covering Public Attitudes to Climate Change, Energy Security, and Energy Preferences and Welfare Attitudes in a Changing Europe (the latter is a partial repeat of a module from Round 4).</p>
<b>6 Topic classification</b>	Social trust; political interest and participation; socio-political orientations; social exclusion; national, ethnic and religious allegiances; climate change, energy security and energy preferences; welfare; human values; demographics and socioeconomics.
<b>7 Keywords</b>	Trust; politics; social values; social exclusion; discrimination; religion; national identity; climate change; energy; welfare
	<b>Study Frame</b>
<b>8 Time method</b>	Cross section. Partly repetitive
<b>9 Unit of analysis</b>	Individuals
<b>10 Universe</b>	<p>All persons aged 15 and over resident within private households, regardless of their nationality, citizenship, language or legal status, in the following participating countries: European Union countries: Austria, Belgium, Czech Republic, Estonia, Finland, France, Germany, Hungary, Ireland, Italy, Lithuania, Netherlands, Poland, Portugal, Slovenia, Spain, Sweden, United Kingdom.</p> <p>Non-European Union countries: Iceland, Israel, Norway, Russian Federation,</p>

Switzerland

## 11 Countries

Austria, Belgium, Czech Republic, Estonia, Finland, France, Germany, Hungary, Iceland, Ireland, Israel, Italy, Lithuania, Netherlands, Norway, Poland, Portugal, Russian Federation, Slovenia, Spain, Sweden, Switzerland, United Kingdom

## 12 Authoring entity/PI

### Key Persons and Institutions

Core Scientific Team, consisting of: Rory Fitzgerald (PI and Director, ESS ERIC), Eric Harrison, Lorna Ryan, Ana Villar, Sarah Butt, Salima Douhou, Lizzy Winstone, Virginia Ros, Luca Salini and Elena Sommer: ESS ERIC Headquarters at City, University of London, UK.

Geert Loosveldt, Koen Beullens and Katrijn Denies: Katholieke Universiteit Leuven (KU Leuven), Belgium.

Bjørn Henrichsen, Knut Kalgraff Skjåk, and Kirstine Kolsrud: NSD - Norwegian Centre for Research Data, Norway.

Angelika Scheuer, Achim Koch, Verena Halbherr, Brita Dorer, Stefan Zins and Roberto Briceño-Rosas: GESIS, Germany.

Wiebke Weber, Diana Zavala Rojas, Melanie Revilla and Anna de Castellarnau: Universitat Pompeu Fabra, Spain.

Ineke Stoop, Joost Kappelhof and Sander Steijn: The Netherlands Institute for Social Research (SCP), Netherlands.

Brina Malnar, University of Ljubljana, Slovenia.

Peter Lynn, University of Essex, United Kingdom.

## 13 Producer

Rory Fitzgerald, PI and ESS ERIC Director, ESS ERIC Headquarters at City, University of London, UK together with the Core Scientific Team and the National Coordinator from each participating country:

Johannes Pollak and Beate Littig, Institute of Advanced Studies, Austria

Celine Wuyts, Katholieke Universiteit Leuven, Belgium

Sébastien Fontaine & Patrick Italiano, University of Liège, Belgium

Klára Plecítá Vlachová, Institute of Sociology, Czech Academy of Sciences, Czech Republic

Mare Ainsaar, University of Tartu, Estonia

Heikki Ervasti, University of Turku, Finland

Anne Cornilleau, Sciences Po, France

Stefan Liebig, Bielefeld University, Germany

Bence Ságvári, Hungarian Academy of Sciences, Hungary

Stefán Hrafn Jónsson, University of Iceland, Iceland

Brendan O'Keeffe, Mary Immaculate College, Ireland

Noah Lewin-Epstein, Tel-Aviv University, Israel

Cristiano Vezzoni, University of Milan, Italy

Vaidas Morkevičius, Kaunas University of Technology, Lithuania

Gerbert Kraaykamp, Radboud University Nijmegen, Netherlands

Kristen Ringdal, Norwegian University of Science and Technology, NTNU, Norway

Franciszek Sztabiński and Paweł Sztabiński, Institute of Philosophy and Sociology, Polish Academy of Sciences, Poland

Jorge Vala, Instituto de Ciências Sociais (ICS), University of Lisbon, Portugal

Anna Andreenkova, Institute for Comparative Social Research (CESSI), Russian Federation

Slavko Kurdija, University of Ljubljana, Slovenia

Mónica Méndez, Centre for Sociological Research (CIS), Spain

Mikael Hjerm, Umeå University, Sweden

Michèle Ernst Stähli, FORS, Switzerland

Alun Humphrey, National Centre for Social Research (NatCen), United Kingdom.

#### 14 Other Acknowledgements

The following groups of people were involved in substantive or advisory capacities at various stages of the project:

The ESS ERIC General Assembly, chaired by Michael Breen.

The ESS ERIC Finance Committee, chaired by Samantha McGregor.

The Scientific Advisory Board, chaired by Jacqueline Scott.

The Methods Advisory Board, chaired by Lars Lyberg.

The ESS ERIC Research Ethics Committee, chaired by Lars Lyberg.

The Sampling Expert Panel, headed by Stefan Zins, GESIS (until May 2017).

The Sampling and Weighting Expert Panel, headed by Peter Lynn, University of Essex (since June 2017).

The Translation Expert Panel, headed by Brita Dorer, GESIS.

Expert on international education classification, Silke Schneider, GESIS.

Questionnaire Design Team on Attitudes to climate change, energy security, and energy preferences, headed by Wouter Poortinga, Cardiff University, UK.

Questionnaire Design Team on Welfare attitudes, headed by Wim van Oorschot, University of Leuven, Belgium.

Experts for the new core items included in Round 8, Lisette Kuyper (attitudes towards gay and lesbian individuals), Susan Banducci and Daniel Stevens (time spent consuming news media), Theresa Kuhn (emotional attachment to country/Europe), Rachel Gibson and Marta Cantioch (Internet use and online participation in politics). Expert papers on topics for the core questionnaire produced by John Curtice, Robert Eriksson, Jan O. Jonsson, Ken Newton, Shalom Schwartz, Jacques Thomassen and Joachim Vogel.

	<b>The Data File</b>
<b>15 File name</b>	ESS8e02.0
<b>16 Kind of data</b>	Survey data
<b>17 File contents</b>	Data from the Main questionnaire. See variable list in Appendix A8.
<b>18 File structure</b>	Rectangular
<b>19 Overall case count</b>	44 387
<b>20 Overall variable count</b>	536
<b>21 Weighting</b>	DESIGN WEIGHTS: The purpose of the design weights (DWEIGHT) is to correct for unequal probabilities for selection due to the sampling design used. In general design weights were computed for each country as follows.  $1.w = 1/(\text{PROB1} * \dots * \text{PROBk})$ is a $n \times 1$ vector of weights ; k depends on the number of stages of the sampling design.

2. All weights were rescaled in a way that the sum of the final weights equals n, i.e. Rescaled weights =  $n*w/\text{sum}(w)$ .

#### POST-STRATIFICATION WEIGHTS:

The purpose of the post-stratified design weights (PSPWGHT) is to reduce sampling error and non-response bias, using auxiliary information. The post-stratification targets use information about age, gender, education and region. Raking (iterative proportional fitting) has been used in the production of the post-stratified weights, using the ipfweight procedure in Stata v15. For most countries population targets are weighted estimates from the European Union labour force survey 2016 (Eurostat). Exceptions are Israel (Israeli Central Bureau of Statistics website), Russia (Census 2010; data from ESS NC), Sweden (Statistics Sweden website), Netherlands (ESS NC for region (other variables from ELFS)) and Austria (Statistics Austria website for region (other variables from ELFS)).

#### POPULATION SIZE WEIGHTS:

The Population size weight (PWEIGHT) corrects for population size when combining two or more country's data, and is calculated as  $PWEIGHT = \frac{\text{Population aged 15 years and over}}{[(\text{Net sample in data file}) * 10\ 000]}$

Source population figures: Eurostat. For Israel and Russian Federation ESS8 Appendix A5 Population Statistics.

## 22 Extent of processing checks

The data file is checked for: duplication of ID numbers, variable names and formats, empty records, wild codes and logical inconsistencies. Missing values have been assigned.

## 23 Missing data

The following missing values have been assigned:

6, 66 etc. = Not applicable

7, 77 etc. = Refusal

8, 88 etc. = Don't know

9, 99 etc. = No answer, i.e. Missing data not elsewhere explained

. = Variable not relevant, not deposited, or for other reason omitted from the data file by the archive.

## 24 Version

ESS8 edition 2.0

## 25 Version notes

ESS8 edition 2.0 (published 30.05.18):

Changes from edition 1.1

Additional countries:

Hungary, Italy, Lithuania, Portugal, Spain and Sweden

Changes in country data:

CZECH REPUBLIC:

31 interviews have been deleted due to poor interview quality.

DWEIGHT: Rescaled to reflect new net sample.

ICELAND:

INWMME: The variable has been corrected for one case.

IRELAND:

9 interviews have been deleted due to poor interview quality.



DWEIGHT: Rescaled to reflect new net sample.

NETHERLANDS:

INWMMS: The variable has been corrected for 5 cases.

INWYYS: The variable has been corrected for 8 cases.

SWEDEN:

The Swedish data have been anonymised and are now included in the data file.

Changes in variables:

(PSPWGHT): Post-stratification weights have been added.

ESS8 edition.1.1 (published 09.04.18)

SWEDEN: Data from Sweden temporarily removed due to anonymisation issues.

ESS8 edition 1.0 (published 31.10.17):

Includes data from Austria, Belgium, Czech Republic, Estonia, Finland, France, Germany, Iceland, Ireland, Israel, Netherlands, Norway, Poland, Russian Federation, Slovenia, Sweden, Switzerland, United Kingdom.

Variables:

PSPWGHT: Post-stratification weights will be added in a later release in the spring of 2018.

## **26 Completeness of collection stored**

AUSTRIA:

E40 (LKEMNY): Wrong question asked and E40 was thus erroneously not included in the Austrian questionnaire. Instead an old question from ESS4 D48 (LKLPWCF) was included. There is thus no data for E40 in the integrated file for Austria in ESS8, but the data for the ESS4 question D48 that was erroneously asked is available in a separate country specific file for Austria.

F61 (ANCTRY1, ANCTRY2): The underlying national questionnaire item (showcard) has changed since previous round.

BELGIUM:

F61 (ANCTRY1, ANCTRY2): The underlying national questionnaire item (showcard) has changed since previous round.

CZECH REPUBLIC:

F61 (ANCTRY1, ANCTRY2): The underlying national questionnaire item (showcard) has changed since previous round.

ESTONIA:

C21 (CTZSHIPC): For anonymity reasons a few substantial responses have been recoded to missing value (99 "No answer") by the national team.

C23 (CNTBRTHC): For anonymity reasons a number of substantial responses have been recoded to missing value (99 "No answer") by the national team.

C25 (LNGHOM1, LNGHOM2): For anonymity reasons a few substantial responses have been recoded to missing value (99 "No answer") by the national team.

C28 (FBRNCNTB): For anonymity reasons a number of substantial responses have been recoded to missing value (99 "No answer") by the national team.

C30 (MBRNCNTB): For anonymity reasons a few substantial responses have been recoded to missing value (99 "No answer") by the national team. In a few cases variable MBRNCNTB has been substituted.

F1-F4 (HHMMB, GNDR- GNDRN, YRBRN- YRBRNN, RSHIP2- RSHIPAN): For anonymity reasons, the household size (HHMMB) has been reduced for a few substantial responses and the underlying household grid variables (GNDR- GNDRN, YRBRN- YRBRNN, RSHIP2- RSHIPAN) have been assigned a missing value by the national team.

F16 (EDUYRS): For anonymity reasons a few substantial responses have been recoded to missing value (99 "No answer") by the national team.

F61 (ANCTRY1 and ANCTRY2): The underlying national questionnaire item (showcard) has changed since previous round. For anonymity reasons a few substantial responses have been recoded to missing value ("999999" No answer) by the national team.

Item non-response: One case (idno=551600466) has more than 50% Refusal, Don't know or No answer in Main questionnaire.

FINLAND:

C21 (CTZSHIPC): For anonymity reasons a number of substantial responses have been recoded to missing value (99 "No answer") by the national team.

C23 (CNTBRTHC): For anonymity reasons a number of substantial responses have been recoded to missing value (99 "No answer") by the national team.

C25 (LNGHOM1, LNGHOM2): For anonymity reasons a number of substantial responses have been recoded to missing value (99 "No answer") by the national team.

C28 (FBRNCNTB): For anonymity reasons a number of substantial responses have been recoded to missing value (99 "No answer") by the national team.

C30 (MBRNCNTB): For anonymity reasons a number of substantial responses have been recoded to missing value (99 "No answer") by the national team.

F1-F4 (HHMMB, GNDR- GNDRN, YRBRN- YRBRNN, RSHIP2- RSHIPAN): For anonymity reasons, a number of substantial responses of the household grid variables (GNDR- GNDRN, YRBRN- YRBRNN, RSHIP2- RSHIPAN) have been recoded to missing value by the national team. In a few cases variable HHMMB has been substituted.

F33-34a (ISCO08): For anonymity reasons a number of substantial responses have been rounded to more common occupations by the national team.

F47-49 (ISCO08P): For anonymity reasons a number of substantial responses have been rounded to more common occupations by the national team.

F61 (ANCTRY1 and ANCTRY2): The underlying national questionnaire item (showcard) has changed since previous round. For anonymity reasons a number of

substantial responses have been recoded to missing value (999999 "No answer") by the national team.

#### FRANCE:

C32 (ADMQFI): Due to CAPI error information is missing for 9 respondents (IDNOs: 243, 700, 785, 1282, 1283, 1445, 1530, 1531, 1984).

D22 (CCNTHUM) - D25 (CCGDBD): Due to CAPI error information is missing for 1 respondent (IDNO 291).

E5 (SLVUEMP): Due to CAPI error information is missing for 1 respondent (IDNO 1829).

E20 (ADMUB) - E32 (UBSPUNP): Due to CAPI error information is missing for 9 respondents (IDNOs: 243, 700, 785, 1282, 1283, 1445, 1530, 1531, 1984).

E36 (BASINC) - E38 (EDUCNBF): Due to CAPI error information is missing for 1 respondent (1513).

F61 (ANCTRY1, ANCTRY2): The underlying national questionnaire item (showcard) has changed since previous round.

#### REGION:

In France the NUTS1 regions changed in 2015 resulting in a change in the NUTS2 codes. However, there have been no change in the geographical coverage of the NUTS2 regions only the NUTS2 codes have changed.

Item non-response: 2 cases (Idno=71 and 75) have more than 50% Refusal, Don't know or No answer in Main questionnaire.

#### GERMANY:

F15 (EDULVLB), F15 (EISCED), F44 (EDULVLPB), F44 (EISCEDP), F52 (EDULVLFB), F52 (EISCEDF), F56 (EDULVLMB), F56 (EISCEDM): The underlying national questionnaire items have changed since previous rounds. Please see Appendix 1 Education.

F61 (ANCTRY1, ANCTRY2): The underlying national questionnaire item (showcard) has changed since previous round.

#### HUNGARY:

C43 (RFGFRPC): The item was erroneously not included in the Hungarian questionnaire.

C44 (RFGBFML): The item was erroneously not included in Hungarian questionnaire.

F61 (ANCTRY1, ANCTRY2): The underlying national questionnaire item (showcard) has changed since previous round.

Item non-response: One case (idno=1429) has more than 50% Refusal, Don't know or No answer in Main questionnaire.

#### ICELAND:

Ha-Hu (IPCRTIV-IMPFUN): Data for question Ha (IPCRTIV) through Hu (IMPFUN) is

missing ("No answer") for 28 interviews due to poor interview quality.

#### IRELAND:

C21 (CTZSHIPC): For anonymity reasons, a number of substantial responses have been recoded to missing value (99 "No answer") by the national team.

C23 (CNTBRTHC): For anonymity reasons a number of substantial responses have been recoded to missing value (99 "No answer") by the national team.

C25 (LNGHOM2): For anonymity reasons a number of substantial responses have been recoded to 000 "No second language mentioned" by the national team.

C28 (FBRNCNTB): For anonymity reasons a number of substantial responses have been recoded to missing value (99 "No answer") by the national team.

C30 (MBRNCNTB): For anonymity reasons a number of substantial responses have been recoded to missing value (99 "No answer") by the national team.

F1-F4 (HHMMB, GNDR- GNDRN, YRBRN- YRBRNN, RSHIP2- RSHIPAN): For anonymity reasons, the household size (HHMMB) has been reduced for a few substantial responses and the underlying household grid variables (GNDR- GNDRN, YRBRN- YRBRNN, RSHIP2- RSHIPAN) have been assigned a missing value by the national team.

F61 (ANCTRY1, ANCTRY2): The underlying national questionnaire item (showcard) has changed since previous round. For anonymity reasons a few substantial responses have been recoded to missing value (999999 "No answer") by the national team.

#### ISRAEL:

C12 (RLGDNM), C14 (RLGDNME) : For anonymity reasons respondents belonging to other religions than "Jewish" and "Islam" has been coded to 99 "No answer" .

F1-F4 (HHMMB, GNDR- GNDRN, YRBRN- YRBRNN, RSHIP2- RSHIPAN): Information in the household grid variables (GNDR- GNDRN, YRBRN- YRBRNN, RSHIP2- RSHIPAN) have only been recorded for up to 12 persons, resulting in inconsistency between HHMMB and the other household grid variables for one record.

F15 (EDULVLB), F15 (EISCED), F44 (EDULVLPB), F44 (EISCEDP), F52 (EDULVLFB), F52 (EISCEDF), F56 (EDULVLMB), F56 (EISCEDM): The underlying national questionnaire items have changed since previous rounds. Please see Appendix 1 Education.

F61 (ANCTRY1 ANCTRY2): The underlying national questionnaire item (showcard) has changed since previous round. For anonymity reasons a number of cases have been aggregated to a higher level.

REGION: No regional units below country level for anonymity reasons.

#### ITALY:

C21 (CTZSHIPC): For anonymity reasons a few substantial responses (less than 2%) have been recoded to missing value (99 "No answer") by the national team.

C23 (CNTBRTHC): For anonymity reasons a few substantial responses (less than 2%) have been recoded to missing value (99 "No answer") by the national team.

C28 (FBRNCNTB): For anonymity reasons a few substantial responses (less than 2%) have been recoded to missing value (99 "No answer") by the national team.

C30 (MBRNCNTB): For anonymity reasons a few substantial responses (less than 2%) have been recoded to missing value (99 "No answer") by the national team.

F61 (ANCTRY1 - ANCTRY2) : For anonymity reasons a few cases (less than 2%) has been aggregated to a higher level (two digits).

#### LITHUANIA:

C12 (RLGDNM, RLGDNLT): For anonymity reasons a number of substantial responses have been recoded to missing value (99 "No answer") by the national team.

C14 (RLGDNME, RLGDELT): For anonymity reasons a number of substantial responses have been recoded to missing value (99 "No answer") by the national team.

C21 (CTZSHIPC): For anonymity reasons a few substantial responses have been recoded to missing value (99 "No answer") by the national team.

C23 (CNTBRTHC): For anonymity reasons a few substantial responses have been recoded to missing value (99 "No answer") by the national team.

C25 (LNGHOM1, LNGHOM2): For anonymity reasons a number of substantial responses have been recoded to missing value (99 "No answer") by the national team.

C28 (FBRNCNTB): For anonymity reasons a number of substantial responses have been recoded to missing value (99 "No answer") by the national team.

C30 (MBRNCNTB): For anonymity reasons a few substantial responses have been recoded to missing value (99 "No answer") by the national team.

F2-F4 ( GNDR- GNDRN, YRBRN- YRBRNN, RSHIPA2- RSHIPAN): For anonymity reasons, a few substantial responses of the household grid variables have been recoded to missing value by the national team.

F33-34a (ISCO08): For anonymity reasons a number of substantial responses have been rounded to more common occupations by the national team.

F47-49 (ISCO08P): For anonymity reasons a number of substantial responses have been rounded to more common occupations by the national team.

F61 (ANCTRY1 and ANCTRY2): The underlying national questionnaire item (showcard) has changed since previous round. For anonymity reasons a number of substantial responses have been recoded to missing value (999999 "No answer") by the national team.

#### NETHERLANDS:

F61 (ANCTRY1, ANCTRY2): The underlying national questionnaire item (showcard) has changed since previous round.

#### NORWAY:

C21 (CTZSHIPC): For anonymity reasons, a number of substantial responses have been recoded to missing value (99 "No answer") by the national team.

C23 (CNTBRTHC): For anonymity reasons a number of substantial responses have been recoded to missing value (99 "No answer") by the national team.

C24 (LIVECNTA): For anonymity reasons a number of substantial responses have been recoded to missing value (9999 "No answer") by the national team.

C28 (FBRNCNTB): For anonymity reasons a number of substantial responses have been recoded to missing value (99 "No answer") by the national team.

C30 (MBRNCNTB): For anonymity reasons a number of substantial responses have been recoded to missing value (99 "No answer") by the national team.

F31 (NACER2): For anonymity reasons a number of substantial responses have been recoded to missing value (999 "No answer") by the national team.

F61 (ANCTRY1 and ANCTRY2): The underlying national questionnaire item (showcard) has changed since previous round. For anonymity reasons, all respondents declaring ancestries other than Norwegian and Swedish have been aggregated to world regions (one digit).

#### POLAND:

F61 (ANCTRY1 and ANCTRY2): The underlying national questionnaire item (showcard) has changed since previous round. For anonymity reasons, all respondents declaring ancestries other than Polish have been aggregated to a higher level (two digits).

Item non-response: 5 cases (idno=2991, 6099, 7167, 7693 and 8145) have more than 50% Refusal, Don't know or No answer in Main questionnaire.

#### PORTUGAL:

F11 (MARSTS): Filter error: All respondents coded with value 2 on F9 have erroneously been routed past F11 (MARSTS).

F61 (ANCTRY1, ANCTRY2): The underlying national questionnaire item (showcard) has changed since previous round.

#### RUSSIAN FEDERATION:

Item non-response: 2 cases (idno = 2073 and 2929) have more than 50% Refusal, Don't know or No answer in Main questionnaire.

#### SLOVENIA:

F15 (EDULVLB), F15 (EISCED), F44 (EDULVLPB), F44 (EISCEDP), F52 (EDULVLFB), F52 (EISCEDF), F56 (EDULVLMB), F56 (EISCEDM): The underlying national questionnaire items have changed since previous rounds. Please see Appendix 1 Education.

F61 (ANCTRY1, ANCTRY2): The underlying national questionnaire item (showcard) has changed since previous round.

#### SPAIN:

F61 (ANCTRY1, ANCTRY2): The underlying national questionnaire item (showcard)

has changed since previous round.

SWEDEN:

F3a (YRBRN): For anonymity reasons, all respondents born before 1926 have been coded 1926 as birthyear.

F3b (AGEA): For anonymity reasons, all respondents over 90 years of age are recorded to be 90 years old.

F61 (ANCTRY1, ANCTRY2): The underlying national questionnaire item (showcard) has changed since previous round. For anonymity reasons, all respondents with ancestries other than Swedish, have either been aggregated to world regions (one digit) or to North European (Nordic, two digits).

SWITZERLAND:

F61 (ANCTRY1, ANCTRY2): The underlying national questionnaire item (showcard) has changed since previous round.

UNITED KINGDOM:

C12 (RLGDNM): For anonymity reasons a number of substantial responses have been recoded to missing value (99 "No answer") by the national team.

C12 (RLGDNGB): For anonymity reasons a number of substantial responses have been recoded to missing value (99 "No answer") by the national team.

C14 (RLGDNME): For anonymity reasons a number of substantial responses have been recoded to missing value (99 "No answer") by the national team.

C14 (RLGDEGB): For anonymity reasons a number of substantial responses have been recoded to missing value (9999 "No answer") by the national team.

C21 (CTZSHIPC): For anonymity reasons, a number of substantial responses have been recoded to missing value (99 "No answer") by the national team.

C23 (CNTBRTHC): For anonymity reasons a number of substantial responses have been recoded to missing value (99 "No answer") by the national team.

C28 (FBRNCNTB): For anonymity reasons a number of substantial responses have been recoded to missing value (99 "No answer") by the national team.

F22 (EMPLNO): For anonymity reasons a number of substantial responses have been recoded to missing value (99999 "No answer") by the national team.

F26 (NJBSPV): For anonymity reasons a number of substantial responses have been recoded to missing value (99999 "No answer") by the national team.

F31 (NACER2): For anonymity reasons a number of substantial responses have been recoded to missing value (999 "No answer") by the national team.

F33-34a (ISCO08): For anonymity reasons a number of codes at four-digit level (unit groups) have been aggregated to two-digit level (sub-major groups).

F47-F49 (ISCO08P): For anonymity reasons a number of codes at four-digit level (unit groups) have been aggregated to two-digit level (sub-major groups).

F61 (ANCTRY1, ANCTRY2): The underlying national questionnaire item (showcard) has changed since previous round. For anonymity reasons a number of substantial responses for ANCTRY1 have been recoded to missing value ("999999" No answer) by the national team.

INWTM: Due to a CAPI error, it was not possible to calculate interview time for a substantial amount of respondents (N=389)

**27 Distributor**

NSD - Norwegian Centre for Research Data,  
Harald Hårfagresgt. 29, N-5007 Bergen, Norway.  
Phone:+47 55 58 21 17  
Fax: +47 55 58 96 50  
e-mail: nsd@nsd.no

**Legal Aspects**

**28 Restrictions**

The data are available without restrictions, for not-for-profit purposes.

**29 Citation requirement**

Citation of data:

European Social Survey Round 8 Data (2016). Data file edition 2.0. NSD - Norwegian Centre for Research Data, Norway - Data Archive and distributor of ESS data for ESS ERIC

Citation of documentation:

European Social Survey (2016): ESS8- 2018 Documentation Report. Edition 2.0. Bergen, European Social Survey Data Archive, NSD - Norwegian Centre for Research Data for ESS ERIC

To ensure that such source attributions are captured for social science bibliographic utilities, citations must appear in the footnotes or in the reference section of publications.

**30 Disclaimer**

The ESS ERIC, Core Scientific Team (CST) and the producers bear no responsibility for the uses of the ESS data, or for interpretations or inferences based on these uses. The ESS ERIC, CST and the producers accept no liability for indirect, consequential or incidental damages or losses arising from use of the data collection, or from the unavailability of, or break in access to the service for whatever reason.

**31 Confidentiality**

In accordance with data protection regulations in participating countries, only anonymous data are available to users. Before depositing data to NSD, each national team is responsible for checking their data with confidentiality in mind and to undertake the necessary measures to ensure anonymity of the data files and to foresee that anonymity is also maintained after merging of data files.

**32 Deposit requirement**

To provide funding agencies with essential information about the use of ESS data and to facilitate the exchange of information about the ESS ERIC, users of ESS data are required to register bibliographic citations of all forms of publications referring to ESS data in the ESS on-line bibliography database at <http://www.europeansocialsurvey.org/bibliography>



## Country Reports

### National Technical Summaries

---

Austria . . . . .	18
Belgium . . . . .	25
Czech Republic . . . . .	33
Estonia . . . . .	40
Finland . . . . .	48
France . . . . .	56
Germany . . . . .	64
Hungary . . . . .	72
Iceland . . . . .	79
Ireland . . . . .	86
Israel . . . . .	93
Italy . . . . .	100
Lithuania . . . . .	108
Netherlands . . . . .	116
Norway . . . . .	123
Poland . . . . .	130
Portugal . . . . .	138
Russian Federation . . . . .	145
Slovenia . . . . .	152
Spain . . . . .	159
Sweden . . . . .	166
Switzerland . . . . .	173
United Kingdom . . . . .	181

## Austria

### 33 Data collector

IFES Institut für empirische Sozialforschung

### 34 Depositor

Peter Grand, National coordinator.

### 35 Funding agency

Federal Ministry of Science, Research and Economy

Federal Ministry of Labour, Social Affairs and Consumer Protection

### 36 Grant number

-

### 37 Mode of data collection

#### 37.1 Main questionnaire

Computer assisted personal interview, CAPI: Yes

Paper and pencil interview, PAPI: No

#### 37.2 Contact form questionnaire

Computer assisted personal interview, CAPI: Yes

Paper and pencil interview, PAPI: Yes

### 38 Type of research instrument

#### Structured questionnaires in:

German

### 39 Field work period(s)

19.09.16 - 28.12.16

### 40 Geographic unit

Have there been any changes in the region variable (REGIONxx) since the last round? No

Statistical inference possible at the regional level: Yes

Is your country part of the NUTS nomenclature or Eurostat's statistical regions for EFTA and Candidate countries? Yes

NUTS level in data file NUTS 2

#### Geographic units in dataset:

AT11 Burgenland

AT12 Niederösterreich

AT13 Wien

AT21 Kärnten

AT22 Steiermark

AT31 Oberösterreich

AT32 Salzburg

AT33 Tirol

AT34 Vorarlberg

### 41 Geographic coverage

Austria

### 42 Sampling procedure

Sampling Frame:

Address (household) register from the Austrian Postal Service (“data.door”).

Sampling Design:

A two-domain design will be applied.

The first domain is formed by Vienna. The 23 districts of Vienna are used as strata.

Within these strata 826 households were drawn with equal probabilities. Within each household one target person is selected at random.

All other municipalities form the second domain. The municipalities are stratified according to the 94 NUTS3 regions. A three stage design is applied in this domain. 272 PSUs (Zählspengel) are selected at the first stage with probability proportional to the number of households on the sampling frame. Within these PSUs 12 households are drawn with equal probabilities (or 8 in some strata). Finally, one target person is selected within each household

**42.1 Use of opt-out list**

Does some kind of opt-out list exist in your country?

No

When does the opt-out list take effect:

## 43 Fieldwork procedures

### 43.1 Interviewer selection

Total number of interviewers:	107
Number of interviewers with previous experience from working with the ESS:	71
Number of interviewers who have not done any face-to-face interviewing work before:	0
Number of interviewers who have not done any interviewing work before (regardless of the survey, mode or sample type):	0

### 43.2 Briefing of interviewers

How many of the interviewers received ESS specific personal briefing?:	107
Total length of ESS specific personal briefing(s) per interviewer:	4-8 hours
Written ESS specific instructions:	Yes
Was the ESS Interviewer Manual provided to interviewers:	No
Were the ESS briefing slides used for briefing:	No
Was the ESS briefing example interview ("dummy interview") conducted using the guidance provided:	Yes
Training in refusal conversion:	Yes
Training on how to fill in contact forms:	Yes
Training on how to fill in observable and dwelling information:	Yes
<b>Materials on observable and dwelling information:</b>	
Photos:	Yes
Video-tape recording:	Yes
If yes to photos used, were these adapted to suit the situation in your country?	Yes

### 43.3 Employment status of interviewers

Free-lance interviewers:	Yes
Employees of the fieldwork organisation:	No
Other:	No

### 43.4 Payments of interviewers

Hourly rate:	No
Per completed interview:	Yes
Assignment fee (set fee for working on a set of sample units):	No
A regular fixed salary:	No
Bonus arrangement:	Yes
Other:	Yes

#### **If bonus arrangement or other, please specify:**

bonus for amount of interviews in a certain period of time (weeks / month), bonus for response rate; other: payment per contact sheet

### 43.5 Advance information

Use of advance letter:	Yes
Use of brochure:	No

### 43.6 Call schedules

First contact by:	Visit
Number of minimum required visits per respondent/sampling unit in total:	4
Number of visits required to be on a weekend:	1
Number of visits required to be in the evening:	1 (after 17:00)

<b>43.7 Respondent incentives</b>	
Respondent incentives:	Yes
Unconditional monetary incentives, paid before the interview:	No
Conditional monetary incentives, upon completion of the interview:	No
Unconditional non-monetary incentives (incl. vouchers), provided before the interview:	No
Conditional non-monetary incentives (incl. vouchers), upon completion of the interview:	Yes
<b>Please specify:</b>	
a sodexo voucher which is as good as cash	
<b>Other response enhancing measures:</b>	
Use of other response enhancing measures (call-center, web-pages, etc.):	Yes
<b>Description of other response enhancing measures:</b>	
Website for background information, hotline	
<b>43.8 Strategies for refusal conversion</b>	
Strategies for refusal conversion:	Yes
<b>If yes, please describe:</b>	
Refusal conversion as part of the quality back check interviews; assigning respondents to other interviewers	
<b>43.9 Pretest</b>	
The period in which the pretest interviews were held:	22.08.16 - 31.08.16
Number of pretest interviews:	30
<b>Which techniques were used in the pre-test?</b>	
face-to-face interviews (like in the main survey)	Yes
cognitive interviews	No
tape recording of interviews	No
video recording of interviews	No
other, please describe:	
<b>What was the main purpose of the pre-test?</b>	
check the translations	Yes
check the CAPI script / routing	Yes
check the PAPI questionnaire / routing	No
<b>44 Control operation</b>	
<b>44.1 Interviews</b>	
Number of units selected for back-check:	331
Number of back-checks achieved:	227
Number of units where outcome was confirmed:	227
Type of back-check: Personal or Telephone:	Telephone
<b>44.2 Refusals</b>	
Number of units selected for back-check:	152
Number of back-checks achieved:	88
Number of units where outcome was confirmed:	88
Type of back-check: Personal, Telephone or Mail:	Telephone
<b>44.3 Non-contacts</b>	
Number of units selected for back-check:	49

Number of back-checks achieved:	27
Number of units where outcome was confirmed:	27
Type of back-check: Personal, Telephone or Mail:	Telephone

#### 45 Cleaning operations

##### 45.2 Checking and control of main questionnaire CAPI program(s)

Routine checks (in-house-interviews), pretests, automated random data production - esp. for check of routing questions.

##### 45.3 Verification of optical scanning or keying of main questionnaire

Was the scanning or keying of the main questionnaire checked?:

Approximate proportion of the main questionnaires checked:

##### 45.4 Anonymization

###### Techniques used in the assessment of anonymity:

Any combination of variable cannot be connected to a certain area/region/local unit in which it would be possible to connect this key information to any certain person; the linkable regions (e.g districts of Vienna) are big enough to eliminate chances of identification.

###### Variables included in the assessment of anonymity:

None

###### Variables edited to ensure anonymity:

None

#### 46 Deviations

E40 (LKEMNY): Wrong question asked and E40 was thus erroneously not included in the Austrian questionnaire. Instead an old question from ESS4 D48 (LKLPWCF) was included. There is thus no data for E40 in the integrated file for Austria in ESS8, but the data for the ESS4 question D48 that was erroneously asked is available in a separate country specific file for Austria.

F61 (ANCTRY1, ANCTRY2): The underlying national questionnaire item (showcard) has changed since previous round.

## 47 Response rates

### 47.1 Break down of response and non response, main questionnaire

A. Total number of issued sample units (addresses, households or individuals):	3966
B. Refusal by respondent:	1123
C. Refusal by proxy, or household or address refusal:	340
D. Refusals by opt-out list:	0
E. No contact (after at least 4 visits):	304
F. Language barrier:	25
G. Respondent ill or incapacitated, unable to co-operate throughout fieldwork period:	24
H. Contact, but no interview for other reasons (broken appointment, respondent unavailable, other reasons):	0
I. Address not traceable:	0
J. Address not residential (institution, business/industrial purpose) / Respondent resides in an institution:	125
K. Address not occupied (not occupied, demolished, not yet built) / Address occupied, but no resident household (weekend or second home):	0
L. Other ineligible address:	15
M. Respondent emigrated/left the country long term (for more than 6 months):	0
N. Respondent deceased:	0
U. Invalid interviews:	0
V. Number of valid interviews:	2010
X. Records in the data file:	2010
Y) Number of sample units not accounted for:	0
Response rate main questionnaire $X/(A-(\text{sum of J,K,L,M,N}))$ :	52.54%

## 48 Estimates of Sampling error

## 49 Weighting

Basic characteristics of the design weight calculation process:

Number of realised stages: 3

Number of initial weights above 4 times the mean: 1

Initial weights above 4: 4,32

IDNOs of initial weights above 4: 706

DeffP: 1,24

## 50 Other study-related materials

### 50.7 Occupation coding

#### Classification used in coding of occupation:

First coded to a national classification based on ISCO and then bridged to match the ISCO08: No

First coded to a national classification and then bridged to match the ISCO08: No

No previous coding, occupation coded directly into the 4-digit ISCO08: Yes

#### Occupation coding procedures:

When did the coding of occupation for respondent and partner take place:

At the time of the interview: No

Later on: Yes

#### Number of occupation coders:

2

Coding procedures:

Were any occupation strings coded by more than one coder (double coding):	Yes
Was an adjudicator used:	Yes
If yes, was adjudication done:	
by sampling	Yes
on difficult cases	Yes
Is some kind of automatic/semiautomatic coding used in the coding process:	No

**Short description of coding and checking procedures:**

3 step procedure:

1. coding of clearly definable occupations of questions f33 and f47 according to ISCO-08-classification
2. research of occupational titles in alphabetic index of the Austrian ISCO Classification (Systematik der Berufe ÖISCO-08)
3. checking and coding difficult cases



## Belgium

### 33 Data collector

Kantar TNS, Broekstraat 49-53, 1000 Brussel

### 34 Depositor

Celine Wuyts (KULeuven), Sara Barbier (KULeuven) & Patrick Italiano (ULg), National Coordinators

### 35 Funding agency

FWO (Flanders) and FNRS (Wallonia)

### 36 Grant number

Subsidieovereenkomst ESS 2016-2017 (FWO) and ESS-NR-16.074 (FNRS)

### 37 Mode of data collection

#### 37.1 Main questionnaire

Computer assisted personal interview, CAPI: Yes

Paper and pencil interview, PAPI: No

#### 37.2 Contact form questionnaire

Computer assisted personal interview, CAPI: Yes

Paper and pencil interview, PAPI: Yes

### 38 Type of research instrument

#### Structured questionnaires in:

Dutch, French

### 39 Field work period(s)

14.09.16 - 31.01.17

### 40 Geographic unit

Have there been any changes in the region variable (REGIONxx) since the last round? No

Statistical inference possible at the regional level: Yes

Is your country part of the NUTS nomenclature or Eurostat's statistical regions for EFTA and Candidate countries? Yes

NUTS level in data file NUTS 2

#### Geographic units in dataset:

BE10 - Région de Bruxelles-Capitale / Brussels Hoofdstedelijk Gewest

BE21 - Prov. Antwerpen

BE22 - Prov. Limburg

BE23 - Prov. Oost-Vlaanderen

BE24 - Prov. Vlaams-Brabant

BE25 - Prov. West-Vlaanderen

BE31 - Prov. Brabant Wallon

BE32 - Prov. Hainaut

BE33 - Prov. Liège

BE34 - Prov. Luxembourg

BE35 - Prov. Namur

### 41 Geographic coverage

Belgium

## 42 Sampling procedure

### Sampling Frame:

List of Belgian municipalities and the National Register. The National Register is the official database of all (legal) residents in Belgium. It is an official database that is continually updated (births, deaths, immigration and emigration are continually recorded).

### Sampling Design:

A 2-stage design.

At the first stage municipalities are stratified by provinces and sampled with probability proportional to their 15+ population. Selection is with replacement, so large municipalities can be selected multiple times, thus the number of unique municipalities in the sample (273) is smaller than the number of first-stage selections, which is 356.

At the second stage 9 persons were selected from each municipality for each time it was selected. Persons within selected municipalities are sampled by a systematic sample with equal inclusion probabilities. The ordering for the systematic sampling is done by age and gender.

Remarks: The nine municipalities of the German-speaking Community (15+ population size of 64,467; 0.7% of the Belgian population) are excluded from the target population.

### 42.1 Use of opt-out list

Does some kind of opt-out list exist in your country?

No

When does the opt-out list take effect:

## 43 Fieldwork procedures

### 43.1 Interviewer selection

Total number of interviewers:	139
Number of interviewers with previous experience from working with the ESS:	103
Number of interviewers who have not done any face-to-face interviewing work before:	0
Number of interviewers who have not done any interviewing work before (regardless of the survey, mode or sample type):	0

### 43.2 Briefing of interviewers

How many of the interviewers received ESS specific personal briefing?:	139
Total length of ESS specific personal briefing(s) per interviewer:	4-8 hours
Written ESS specific instructions:	
Was the ESS Interviewer Manual provided to interviewers:	Yes
Were the ESS briefing slides used for briefing:	Yes
Was the ESS briefing example interview ("dummy interview") conducted using the guidance provided:	Yes
Training in refusal conversion:	Yes
Training on how to fill in contact forms:	Yes
Training on how to fill in observable and dwelling information:	Yes
<b>Materials on observable and dwelling information:</b>	
Photos:	Yes
Video-tape recording:	No
If yes to photos used, were these adapted to suit the situation in your country?	

### 43.3 Employment status of interviewers

Free-lance interviewers:	Yes
Employees of the fieldwork organisation:	No
Other:	No

### 43.4 Payments of interviewers

Hourly rate:	No
Per completed interview:	Yes
Assignment fee (set fee for working on a set of sample units):	No
A regular fixed salary:	No
Bonus arrangement:	Yes
Other:	Yes

#### **If bonus arrangement or other, please specify:**

Per completed interview: EUR 60 per completed, valid interview (incl. fixed reimbursement of travel and other expenses)

Other: EUR 5 per completed and validated contact form (one per issued address)

Bonus arrangement: EUR 6 average bonus per completed, valid interview conducted by interviewers who achieve an overall gross response rate above a certain threshold (60% or adapted to response propensities in the area), have been assigned at least 18 addresses, and meet certain interview quality standards and the requirements on contact registration and timings.

### 43.5 Advance information

Use of advance letter:	Yes
Use of brochure:	Yes

#### 43.6 Call schedules

First contact by:	Visit
Number of minimum required visits per respondent/sampling unit in total:	5
Number of visits required to be on a weekend:	1
Number of visits required to be in the evening:	1

#### 43.7 Respondent incentives

Respondent incentives:	Yes
Unconditional monetary incentives, paid before the interview:	No
Conditional monetary incentives, upon completion of the interview:	Yes
Unconditional non-monetary incentives (incl. vouchers), provided before the interview:	Yes
Conditional non-monetary incentives (incl. vouchers), upon completion of the interview:	No

**Please specify:**

Conditional monetary incentives, upon completion of the interview: The fieldwork organisation set up an experiment in the re-issue phase of the fieldwork. Some sample units that were re-issued (after soft refusal, non contact, ...) received an incentive of 20 euro (transferred to their bank account), conditional on participation.

Unconditional non-monetary incentives: Dutch-speaking interviewers were offered a number of 36 p.-booklets with results on the previous rounds (ESS1-6), which they could offer to those interested.

**Other response enhancing measures:**

Use of other response enhancing measures (call-center, web-pages, etc.): Yes

**Description of other response enhancing measures:**

- A green number was provided so that (potential) respondents could call if they had questions.
- A shorter, easy to remember, url ([essbelgium.be](http://essbelgium.be)), which directly links to the official ESS national pages, was created to print on the advance letter and other materials.
- In addition to the threefold with practical 'information for respondents', a mini booklet (8 p., size of a postcard) with some results from the previous rounds was included with the advance letter.

#### 43.8 Strategies for refusal conversion

Strategies for refusal conversion: Yes

**If yes, please describe:**

As many as possible sample units (including noncontacts and 'soft' refusals), were re-issued to a different interviewer. Interviewers assigned to these re-issued sample units were selected on the basis of (geographical) availability and achieved response rates.

In order to limit costs, the re-issued sample units for which a telephone number was available were first contacted by a telephone interviewer and only assigned to a different face-to-face interviewer when they agreed to participate. The face-to-face interviewers could then call to make an appointment. An incentive experiment was included for these re-issued sample units that were first contacted by phone. About half of them were offered an incentive of EUR 20 (transferred to their bank account), conditional on participation.

The re-issued sample units for which no telephone number was available were directly assigned to a different face-to-face interviewer.

The interviewers were required to repeat the contact procedure completely (at least five

contact attempts, of which one in the evening and one during the weekend, and spread over at least two weeks).

#### 43.9 Pretest

The period in which the pretest interviews were held:	24.08.16 - 31.08.16
Number of pretest interviews:	20
<b>Which techniques were used in the pre-test?</b>	
face-to-face interviews (like in the main survey)	Yes
cognitive interviews	No
tape recording of interviews	No
video recording of interviews	Yes
other, please describe:	12 out of 20 pretest interviews were conducted by the survey agency and video recorded. The other eight were conducted by the national team and were not video recorded.
<b>What was the main purpose of the pre-test?</b>	
check the translations	Yes
check the CAPI script / routing	Yes
check the PAPI questionnaire / routing	No

#### 44 Control operation

##### 44.1 Interviews

Number of units selected for back-check:	No answer
Number of back-checks achieved:	437
Number of units where outcome was confirmed:	436
Type of back-check: Personal or Telephone:	Telephone

##### 44.2 Refusals

Number of units selected for back-check:	No answer
Number of back-checks achieved:	241
Number of units where outcome was confirmed:	217
Type of back-check: Personal, Telephone or Mail:	Telephone

##### 44.3 Non-contacts

Number of units selected for back-check:	No answer
Number of back-checks achieved:	39
Number of units where outcome was confirmed:	23
Type of back-check: Personal, Telephone or Mail:	Telephone

#### 45 Cleaning operations

##### 45.2 Checking and control of main questionnaire CAPI program(s)

The CAPI programs for the questionnaire and the contact forms were scripted by the fieldwork organisation. The routings, wording, response categories, formatting etc. in the CAPI programs were then thoroughly checked by members of the national team, and detailed comments were provided. The fieldwork organisation adjusted the CAPI program in accordance with the comments before the start of the pretest interviews. The

pretest interviews provided an additional opportunity to check the CAPI program for the questionnaire.

#### **45.3 Verification of optical scanning or keying of main questionnaire**

Was the scanning or keying of the main questionnaire checked?:

Approximate proportion of the main questionnaires checked:

#### **45.4 Anonymization**

##### **Techniques used in the assessment of anonymity:**

The population statistics on age, gender, education level (ISCED) distribution per province have been used to identify small subgroups in the population. The smallest population subgroup for which there is (at least) one case in the final sample was found adequately large to avoid disclosure.

##### **Variables included in the assessment of anonymity:**

Age, gender, education level (ISCED) and province

##### **Variables edited to ensure anonymity:**

None

#### **46 Deviations**

F61 (ANCTRY1, ANCTRY2): The underlying national questionnaire item (showcard) has changed since previous round.

## 47 Response rates

### 47.1 Break down of response and non response, main questionnaire

A. Total number of issued sample units (addresses, households or individuals):	3204
B. Refusal by respondent:	730
C. Refusal by proxy, or household or address refusal:	36
D. Refusals by opt-out list:	0
E. No contact (after at least 4 visits):	205
F. Language barrier:	115
G. Respondent ill or incapacitated, unable to co-operate throughout fieldwork period:	126
H. Contact, but no interview for other reasons (broken appointment, respondent unavailable, other reasons):	108
I. Address not traceable:	12
J. Address not residential (institution, business/industrial purpose) / Respondent resides in an institution:	6
K. Address not occupied (not occupied, demolished, not yet built) / Address occupied, but no resident household (weekend or second home):	30
L. Other ineligible address:	13
M. Respondent emigrated/left the country long term (for more than 6 months):	36
N. Respondent deceased:	8
U. Invalid interviews:	13
V. Number of valid interviews:	1766
X. Records in the data file:	1766
Y) Number of sample units not accounted for:	0
Response rate main questionnaire $X/(A-(\text{sum of J,K,L,M,N}))$ :	56.77%

## 48 Estimates of Sampling error

## 49 Weighting

Basic characteristics of the design weight calculation process:

Number of realised stages: 2

Number of initial weights above 4 times the mean: 0

Initial weights above 4: -

IDNOs of initial weights above 4: -

DeffP: 1,00

## 50 Other study-related materials

### 50.7 Occupation coding

#### Classification used in coding of occupation:

First coded to a national classification based on ISCO and then bridged to match the ISCO08: No

First coded to a national classification and then bridged to match the ISCO08: No

No previous coding, occupation coded directly into the 4-digit ISCO08: Yes

#### Occupation coding procedures:

When did the coding of occupation for respondent and partner take place:

At the time of the interview: No

Later on: Yes

#### Number of occupation coders:

1

Coding procedures:

Were any occupation strings coded by more than one coder (double coding):	No
Was an adjudicator used:	Yes
If yes, was adjudication done:	
by sampling	No
on difficult cases	Yes
Is some kind of automatic/semiautomatic coding used in the coding process:	No

**Short description of coding and checking procedures:**

The fieldwork organisation delivered a file with difficult cases to the national team on 3 March 2016. The national team in turn provided feedback for these cases.



## Czech Republic

### 33 Data collector

ppm factum research s.r.o.  
Office Park Nové Butovice / A  
Bucharova 1281/2  
158 00 Praha 13  
Czech Republic

### 34 Depositor

Klára Plecítá, National Coordinator

### 35 Funding agency

Ministry of Education, Youth, and Sports

### 36 Grant number

LM2015066

### 37 Mode of data collection

#### 37.1 Main questionnaire

Computer assisted personal interview, CAPI: Yes

Paper and pencil interview, PAPI: No

#### 37.2 Contact form questionnaire

Computer assisted personal interview, CAPI: Yes

Paper and pencil interview, PAPI: No

### 38 Type of research instrument

#### Structured questionnaires in:

Czech

### 39 Field work period(s)

24.10.16 - 19.12.16

### 40 Geographic unit

Have there been any changes in the region variable (REGIONxx) since the last round? No

Statistical inference possible at the regional level: Yes

Is your country part of the NUTS nomenclature or Eurostat's statistical regions for EFTA and Candidate countries? Yes

NUTS level in data file NUTS 3

#### Geographic units in dataset:

CZ010 Hlavní město Praha

CZ020 Středočeský kraj

CZ031 Jihočeský kraj

CZ032 Plzeňský kraj

CZ041 Karlovarský kraj

CZ042 Ústecký kraj

CZ051 Liberecký kraj

CZ052 Královéhradecký kraj

CZ053 Pardubický kraj

CZ063 Vysočina

CZ064 Jihomoravský kraj

CZ071 Olomoucký kraj  
CZ072 Zlínský kraj  
CZ080 Moravskoslezský kraj

#### **41 Geographic coverage**

Czech Republic

#### **42 Sampling procedure**

Sampling Frame:

Czech Statistical Office register of residential addresses.

Sampling Design:

4-stage sampling design.

At the first stage basic settlement units are selected by systematic sampling with probabilities proportional to the number of addresses in the settlement unit. Settlement units are ordered according to region and within region according to size of settlement.

At the second stage six addresses are selected within each selected settlement unit from the register of residential addresses, using a simple random sample without replacement.

At the third sampling stage one household is selected, where necessary, from each sampled address using a Kish selection grid.

At the fourth stage one person is selected from each sampled household using the next birthday method

##### **42.1 Use of opt-out list**

Does some kind of opt-out list exist in your country?

No

When does the opt-out list take effect:

## 43 Fieldwork procedures

### 43.1 Interviewer selection

Total number of interviewers:	280
Number of interviewers with previous experience from working with the ESS:	164
Number of interviewers who have not done any face-to-face interviewing work before:	0
Number of interviewers who have not done any interviewing work before (regardless of the survey, mode or sample type):	0

### 43.2 Briefing of interviewers

How many of the interviewers received ESS specific personal briefing?:	93
Total length of ESS specific personal briefing(s) per interviewer:	4 hours or less
Written ESS specific instructions:	Yes
Was the ESS Interviewer Manual provided to interviewers:	Yes
Were the ESS briefing slides used for briefing:	Yes
Was the ESS briefing example interview ("dummy interview") conducted using the guidance provided:	No
Training in refusal conversion:	Yes
Training on how to fill in contact forms:	Yes
Training on how to fill in observable and dwelling information:	Yes
<b>Materials on observable and dwelling information:</b>	
Photos:	Yes
Video-tape recording:	No
If yes to photos used, were these adapted to suit the situation in your country?	

### 43.3 Employment status of interviewers

Free-lance interviewers:	Yes
Employees of the fieldwork organisation:	No
Other:	No

### 43.4 Payments of interviewers

Hourly rate:	No
Per completed interview:	Yes
Assignment fee (set fee for working on a set of sample units):	No
A regular fixed salary:	No
Bonus arrangement:	Yes
Other:	No

#### **If bonus arrangement or other, please specify:**

Bonus for work-package completed in-time, bonus for target response rate.

### 43.5 Advance information

Use of advance letter:	Yes
Use of brochure:	No

### 43.6 Call schedules

First contact by:	Visit
Number of minimum required visits per respondent/sampling unit in total:	4
Number of visits required to be on a weekend:	1
Number of visits required to be in the evening:	2

### 43.7 Respondent incentives

Respondent incentives:	Yes
Unconditional monetary incentives, paid before the interview:	No
Conditional monetary incentives, upon completion of the interview:	Yes
Unconditional non-monetary incentives (incl. vouchers), provided before the interview:	No
Conditional non-monetary incentives (incl. vouchers), upon completion of the interview:	No

**Please specify:**

Upon completion of the interview each respondent received 120,- CZK.

**Other response enhancing measures:**

Use of other response enhancing measures (call-center, web-pages, etc.):	Yes
--	-----

**Description of other response enhancing measures:**

Information about ongoing survey was available at the Institute of Sociology AS CR web pages and the Czech ESS web pages. Agency provided a help desk number for target persons.

### 43.8 Strategies for refusal conversion

Strategies for refusal conversion:	Yes
------------------------------------	-----

**If yes, please describe:**

Interviewers were trained to solve initial refusals immediately. All refusals from the reason of the fear to open door to a male interviewer were re-issued.

### 43.9 Pretest

The period in which the pretest interviews were held:	03.10.16 - 10.10.16
---	---------------------

Number of pretest interviews:	30
-------------------------------	----

**Which techniques were used in the pre-test?**

face-to-face interviews (like in the main survey)	Yes
---	-----

cognitive interviews	No
----------------------	----

tape recording of interviews	Yes
------------------------------	-----

video recording of interviews	No
-------------------------------	----

other, please describe:

**What was the main purpose of the pre-test?**

check the translations	Yes
------------------------	-----

check the CAPI script / routing	Yes
---------------------------------	-----

check the PAPI questionnaire / routing	No
--	----

## 44 Control operation

### 44.1 Interviews

Number of units selected for back-check:	2196
--	------

Number of back-checks achieved:	1624
---------------------------------	------

Number of units where outcome was confirmed:	1418
--	------

Type of back-check: Personal or Telephone:	Personal and Telephone
--	------------------------

### 44.2 Refusals

Number of units selected for back-check:	40
--	----

Number of back-checks achieved:	27
---------------------------------	----

Number of units where outcome was confirmed:	21
--	----

Type of back-check: Personal, Telephone or Mail:	Personal
--	----------

#### 44.3 Non-contacts

Number of units selected for back-check:	10
Number of back-checks achieved:	8
Number of units where outcome was confirmed:	8
Type of back-check: Personal, Telephone or Mail:	Personal

#### 45 Cleaning operations

##### 45.2 Checking and control of main questionnaire CAPI program(s)

YES - program was checked by Project Manager +3 independent company workers. Special attention was paid to filters and logic sequences of the questions. Online version of the questionnaire was made accessible to the Contractor for checking.

##### 45.3 Verification of optical scanning or keying of main questionnaire

Was the scanning or keying of the main questionnaire checked?:  
Approximate proportion of the main questionnaires checked:

##### 45.4 Anonymization

###### Techniques used in the assessment of anonymity:

Statistical analyses based on key variables.

###### Variables included in the assessment of anonymity:

Education, ancestry, region, gender, ethnicity, exact age, citizenship.

###### Variables edited to ensure anonymity:

None

###### Method used in anonymization of variables:

No measures were used.

#### 46 Deviations

F61 (ANCTRY1, ANCTRY2): The underlying national questionnaire item (showcard) has changed since previous round.

## 47 Response rates

### 47.1 Break down of response and non response, main questionnaire

A. Total number of issued sample units (addresses, households or individuals):	3390
B. Refusal by respondent:	353
C. Refusal by proxy, or household or address refusal:	574
D. Refusals by opt-out list:	0
E. No contact (after at least 4 visits):	39
F. Language barrier:	14
G. Respondent ill or incapacitated, unable to co-operate throughout fieldwork period:	12
H. Contact, but no interview for other reasons (broken appointment, respondent unavailable, other reasons):	14
I. Address not traceable:	9
J. Address not residential (institution, business/industrial purpose) / Respondent resides in an institution:	33
K. Address not occupied (not occupied, demolished, not yet built) / Address occupied, but no resident household (weekend or second home):	36
L. Other ineligible address:	0
M. Respondent emigrated/left the country long term (for more than 6 months):	6
N. Respondent deceased:	0
U. Invalid interviews:	31
V. Number of valid interviews:	2269
X. Records in the data file:	2269
Y) Number of sample units not accounted for:	0
Response rate main questionnaire $X/(A-(\text{sum of J,K,L,M,N}))$ :	68.45%

## 48 Estimates of Sampling error

## 49 Weighting

Basic characteristics of the design weight calculation process:

Number of realised stages: 3

Number of initial weights above 4 times the mean: 0

Initial weights above 4: -

IDNOs of initial weights above 4: -

DeffP: 1,26

## 50 Other study-related materials

### 50.7 Occupation coding

#### Classification used in coding of occupation:

First coded to a national classification based on ISCO and then bridged to match the ISCO08: No

First coded to a national classification and then bridged to match the ISCO08: No

No previous coding, occupation coded directly into the 4-digit ISCO08: Yes

#### Occupation coding procedures:

When did the coding of occupation for respondent and partner take place:

At the time of the interview: No

Later on: Yes

#### Number of occupation coders:

2

Coding procedures:

Were any occupation strings coded by more than one coder (double coding):	No
Was an adjudicator used:	Yes
If yes, was adjudication done:	
by sampling	No
on difficult cases	Yes
Is some kind of automatic/semiautomatic coding used in the coding process:	No

**Short description of coding and checking procedures:**

Not only required 4 digit codes (ISCO) or 2 digit codes (NACE) were used when coding, but more detailed 5 digit (ISCO) / 4 digit (NACE) codes were ready for checking in case of difficulties while coding. Very simple non-automatic check - occupation X role at work (F33-F34) was done.

## Estonia

### 33 Data collector

Statistics Estonia,  
Tatari 51, 10134 Tallinn, Estonia

### 34 Depositor

Dr Mare Ainsaar, National Coordinator

### 35 Funding agency

Ministry of Education and Research

### 36 Grant number

not available yet

### 37 Mode of data collection

#### 37.1 Main questionnaire

Computer assisted personal interview, CAPI: Yes

Paper and pencil interview, PAPI: No

#### 37.2 Contact form questionnaire

Computer assisted personal interview, CAPI: Yes

Paper and pencil interview, PAPI: No

### 38 Type of research instrument

#### Structured questionnaires in:

Estonian, Russian

### 39 Field work period(s)

01.10.16 - 31.01.17

### 40 Geographic unit

Have there been any changes in the region variable (REGIONxx) since the last round? No

Statistical inference possible at the regional level: Yes

Is your country part of the NUTS nomenclature or Eurostat's statistical regions for EFTA and Candidate countries? Yes

NUTS level in data file NUTS 3

#### Geographic units in dataset:

EE001 Põhja-Eesti

EE004 Lääne-Eesti

EE006 Kesk-Eesti

EE007 Kirde-Eesti

EE008 Lõuna-Eesti

### 41 Geographic coverage

Estonia

### 42 Sampling procedure

Sampling frame:

Statistical population register. This is formed by combining data from the administrative Population register, Population and Housing Census (PHC), and Address register. To improve coverage of the statistical population register the special residency index is used



for determining the population permanently living in Estonia. The residency index shows how likely a person is a permanent resident of Estonia. It is based on the representation of persons in more than 20 administrative registers. All persons with value of index above specified threshold are counted as residents and they belong to the sampling frame. The residency index was developed during 2014-2015 and first time used for publishing population statistics in 2016.

**Sampling Design:**

Frame is stratified by gender [1-male, 2-female] and five categories of geographical areas according to classification NUTS3 [EE001 - North-Estonia, EE004 - West-Estonia, EE006 - Middle-Estonia, EE007 - North-East-Estonia, EE008 - South-Estonia]. Persons within each of the ten strata are sorted by age before selection. The method of selection is systematic random selection. Sample size in strata is proportional to size of the population in strata.

**42.1 Use of opt-out list**

Does some kind of opt-out list exist in your country?

No

When does the opt-out list take effect:

### 43 Fieldwork procedures

#### 43.1 Interviewer selection

Total number of interviewers:	61
Number of interviewers with previous experience from working with the ESS:	25
Number of interviewers who have not done any face-to-face interviewing work before:	0
Number of interviewers who have not done any interviewing work before (regardless of the survey, mode or sample type):	0

#### 43.2 Briefing of interviewers

How many of the interviewers received ESS specific personal briefing?:	62
Total length of ESS specific personal briefing(s) per interviewer:	4-8 hours
Written ESS specific instructions:	Yes
Was the ESS Interviewer Manual provided to interviewers:	No
Were the ESS briefing slides used for briefing:	Yes
Was the ESS briefing example interview ("dummy interview") conducted using the guidance provided:	Yes
Training in refusal conversion:	Yes
Training on how to fill in contact forms:	Yes
Training on how to fill in observable and dwelling information:	Yes
<b>Materials on observable and dwelling information:</b>	
Photos:	Yes
Video-tape recording:	No
If yes to photos used, were these adapted to suit the situation in your country?	

#### 43.3 Employment status of interviewers

Free-lance interviewers:	Yes
Employees of the fieldwork organisation:	Yes
Other:	No

#### 43.4 Payments of interviewers

Hourly rate:	No
Per completed interview:	Yes
Assignment fee (set fee for working on a set of sample units):	No
A regular fixed salary:	No
Bonus arrangement:	Yes
Other:	No

#### 43.5 Advance information

Use of advance letter:	Yes
Use of brochure:	No

#### 43.6 Call schedules

First contact by:	Visit
Number of minimum required visits per respondent/sampling unit in total:	4
Number of visits required to be on a weekend:	2
Number of visits required to be in the evening:	2

#### 43.7 Respondent incentives

Respondent incentives:	Yes
------------------------	-----

Unconditional monetary incentives, paid before the interview:	No
Conditional monetary incentives, upon completion of the interview:	Yes
Unconditional non-monetary incentives (incl. vouchers), provided before the interview:	No
Conditional non-monetary incentives (incl. vouchers), upon completion of the interview:	No
<b>Please specify:</b>	
Lottery for newspapers order, Shopping bags	
<b>Other response enhancing measures:</b>	
Use of other response enhancing measures (call-center, web-pages, etc.):	Yes
<b>Description of other response enhancing measures:</b>	
Press release, related to ESS data collection	

#### 43.8 Strategies for refusal conversion

Strategies for refusal conversion:	No
------------------------------------	----

#### 43.9 Pretest

The period in which the pretest interviews were held:	15.04.16 - 15.05.16 and 15.08.16 - 10.09.16
Number of pretest interviews:	30 (first pretest) + 10 (for CAPI)
<b>Which techniques were used in the pre-test?</b>	
face-to-face interviews (like in the main survey)	Yes
cognitive interviews	Yes
tape recording of interviews	No
video recording of interviews	No
other, please describe:	
<b>What was the main purpose of the pre-test?</b>	
check the translations	Yes
check the CAPI script / routing	Yes
check the PAPI questionnaire / routing	No

#### 44 Control operation

##### 44.1 Interviews

Number of units selected for back-check:	1946
Number of back-checks achieved:	465
Number of units where outcome was confirmed:	465
Type of back-check: Personal or Telephone:	Online

##### 44.2 Refusals

Number of units selected for back-check:	1119 (the firm cannot make a difference between non- contacts and refusals in their back-check database)
Number of back-checks achieved:	80
Number of units where outcome was confirmed:	80
Type of back-check: Personal, Telephone or Mail:	Mail

##### 44.3 Non-contacts

Number of units selected for back-check:	1119 (the firm cannot make a difference)
--	---

	between non- contacts and refusals in their back-check database)
Number of back-checks achieved:	80
Number of units where outcome was confirmed:	80
Type of back-check: Personal, Telephone or Mail:	Mail

## 45 Cleaning operations

### 45.2 Checking and control of main questionnaire CAPI program(s)

#### 45.3 Verification of optical scanning or keying of main questionnaire

Was the scanning or keying of the main questionnaire checked?:

Approximate proportion of the main questionnaires checked:

#### 45.4 Anonymization

##### Techniques used in the assessment of anonymity:

Key variables and comparison with total population

##### Variables included in the assessment of anonymity:

Ancestry, number of children, ethnicity, age, father's and mother's country of birth, citizenship

##### Variables edited to ensure anonymity:

Ancestry, number of children, ethnicity, age, father's and mother's country of birth, citizenship

##### Method used in anonymization of variables:

Substitution, cell suppression.

## 46 Deviations

C21 (CTZSHIPC): For anonymity reasons a few substantial responses have been recoded to missing value (99 "No answer") by the national team.

C23 (CNTBRTHC): For anonymity reasons a number of substantial responses have been recoded to missing value (99 "No answer") by the national team.

C25 (LNGHOM1, LNGHOM2): For anonymity reasons a few substantial responses have been recoded to missing value (99 "No answer") by the national team.

C28 (FBRNCNTB): For anonymity reasons a number of substantial responses have been recoded to missing value (99 "No answer") by the national team.

C30 (MBRNCNTB): For anonymity reasons a few substantial responses have been recoded to missing value (99 "No answer") by the national team. In a few cases variable MBRNCNTB has been substituted.

F1-F4 (HHMMB, GNDR- GNDRN, YRBRN- YRBRNN, RSHIP2- RSHIPAN): For anonymity reasons, the household size (HHMMB) has been reduced for a few substantial responses and the underlying household grid variables (GNDR- GNDRN, YRBRN- YRBRNN, RSHIP2- RSHIPAN) have been assigned a missing value by the national team.

F16 (EDUYRS): For anonymity reasons a few substantial responses have been recoded to missing value (99 "No answer") by the national team.

F61 (ANCTRY1 and ANCTRY2): The underlying national questionnaire item (showcard)

has changed since previous round. For anonymity reasons a few substantial responses have been recoded to missing value ("999999" No answer) by the national team.

Item non-response: One case (idno=551600466) has more than 50% Refusal, Don't know or No answer in Main questionnaire.

## 47 Response rates

### 47.1 Break down of response and non response, main questionnaire

A. Total number of issued sample units (addresses, households or individuals):	3140
B. Refusal by respondent:	451
C. Refusal by proxy, or household or address refusal:	35
D. Refusals by opt-out list:	0
E. No contact (after at least 4 visits):	224
F. Language barrier:	13
G. Respondent ill or incapacitated, unable to co-operate throughout fieldwork period:	107
H. Contact, but no interview for other reasons (broken appointment, respondent unavailable, other reasons):	6
I. Address not traceable:	0
J. Address not residential (institution, business/industrial purpose) / Respondent resides in an institution:	2
K. Address not occupied (not occupied, demolished, not yet built) / Address occupied, but no resident household (weekend or second home):	79
L. Other ineligible address:	0
M. Respondent emigrated/left the country long term (for more than 6 months):	101
N. Respondent deceased:	8
U. Invalid interviews:	0
V. Number of valid interviews:	2019
X. Records in the data file:	2019
Y) Number of sample units not accounted for:	94
Response rate main questionnaire $X/(A-(\text{sum of J,K,L,M,N}))$ :	68.44%

## 48 Estimates of Sampling error

## 49 Weighting

Basic characteristics of the design weight calculation process:

Number of realised stages: 1

Number of initial weights above 4 times the mean: 0

Initial weights above 4: -

IDNOs of initial weights above 4: -

DeffP: 1,00

## 50 Other study-related materials

### 50.7 Occupation coding

#### Classification used in coding of occupation:

First coded to a national classification based on ISCO and then bridged to match the ISCO08: No

First coded to a national classification and then bridged to match the ISCO08: No

No previous coding, occupation coded directly into the 4-digit ISCO08: Yes

#### Occupation coding procedures:

When did the coding of occupation for respondent and partner take place:

At the time of the interview: No

Later on: Yes

#### Number of occupation coders:

1

Coding procedures:

Were any occupation strings coded by more than one coder (double coding): No  
Was an adjudicator used: No  
If yes, was adjudication done:  
by sampling  
on difficult cases  
Is some kind of automatic/semiautomatic coding used in the coding process:

**Short description of coding and checking procedures:**

All coding was done by one person, who is specialized on occupation coding in social survey research. A coder have all occupation names in the "table" in a programme and she codes according to ISCO08.

## Finland

### 33 Data collector

Statistics Finland (Tilastokeskus), FI-00022 Statistics Finland (Helsinki)

### 34 Depositor

Marko Ylitalo, Jyrki Krzywacki, Pirjo Hyytiäinen, Fieldwork organisation.

### 35 Funding agency

Academy of Finland

### 36 Grant number

293200

### 37 Mode of data collection

#### 37.1 Main questionnaire

Computer assisted personal interview, CAPI: Yes

Paper and pencil interview, PAPI: No

#### 37.2 Contact form questionnaire

Computer assisted personal interview, CAPI: Yes

Paper and pencil interview, PAPI: No

### 38 Type of research instrument

#### Structured questionnaires in:

Finnish, Swedish

### 39 Field work period(s)

15.09.16 - 08.03.17

### 40 Geographic unit

Have there been any changes in the region variable (REGIONxx) since the last round? No

Statistical inference possible at the regional level: Yes

Is your country part of the NUTS nomenclature or Eurostat's statistical regions for EFTA and Candidate countries? Yes

NUTS level in data file NUTS 3

#### Geographic units in dataset:

FI193 Keski-Suomi

FI194 Etelä-Pohjanmaa

FI195 Pohjanmaa

FI196 Satakunta

FI197 Pirkanmaa

FI1B1 Helsinki-Uusimaa

FI1C1 Varsinais-Suomi

FI1C2 Kanta-Häme

FI1C3 Päijät-Häme

FI1C4 Kymenlaakso

FI1C5 Etelä-Karjala

FI1D1 Etelä-Savo

FI1D2 Pohjois-Savo

FI1D3 Pohjois-Karjala

FI1D4 Kainuu



FI1D5 Keski-Pohjanmaa  
FI1D6 Pohjois-Pohjanmaa  
FI1D7 Lappi  
FI200 Åland

#### **41 Geographic coverage**

Finland

#### **42 Sampling procedure**

Sampling Frame:

Population database (total register) which is based on the official Population Information System maintained by the Population Register Centre.

The database is updated 4-5 times a year with all vital changes. Update for the ESS in mid-July 2016 and with sample selection later in July.

Sampling Design:

1-stage design. Persons are selected by a systematic sample with equal selection probabilities, where units are ordered by gender, then domicile code, then date of birth. (The domicile code indicates the exact address)

Remarks:

Prior to selecting the sample, people who participated in certain recent large surveys are excluded from the frame. In March 2016 this group constitutes 9.3 per cent of the resident household population over 15.

##### **42.1 Use of opt-out list**

Does some kind of opt-out list exist in your country?

Yes

When does the opt-out list take effect:

Before the sample is drawn

## 43 Fieldwork procedures

### 43.1 Interviewer selection

Total number of interviewers:	137
Number of interviewers with previous experience from working with the ESS:	111
Number of interviewers who have not done any face-to-face interviewing work before:	0
Number of interviewers who have not done any interviewing work before (regardless of the survey, mode or sample type):	0

### 43.2 Briefing of interviewers

How many of the interviewers received ESS specific personal briefing?:	137
Total length of ESS specific personal briefing(s) per interviewer:	more than 8 hours
Written ESS specific instructions:	Yes
Was the ESS Interviewer Manual provided to interviewers:	Yes
Were the ESS briefing slides used for briefing:	Yes
Was the ESS briefing example interview ("dummy interview") conducted using the guidance provided:	Yes
Training in refusal conversion:	Yes
Training on how to fill in contact forms:	Yes
Training on how to fill in observable and dwelling information:	Yes
<b>Materials on observable and dwelling information:</b>	
Photos:	Yes
Video-tape recording:	No
If yes to photos used, were these adapted to suit the situation in your country?	Yes

### 43.3 Employment status of interviewers

Free-lance interviewers:	No
Employees of the fieldwork organisation:	Yes
Other:	No

### 43.4 Payments of interviewers

Hourly rate:	Yes
Per completed interview:	No
Assignment fee (set fee for working on a set of sample units):	No
A regular fixed salary:	No
Bonus arrangement:	No
Other:	No

### 43.5 Advance information

Use of advance letter:	Yes
Use of brochure:	Yes

### 43.6 Call schedules

First contact by:	Telephone
Number of minimum required visits per respondent/sampling unit in total:	1
Number of visits required to be on a weekend:	0
Number of visits required to be in the evening:	0
Number of minimum required calls per respondent (in total):	4
Number of calls required to be on a weekend:	1
Number of calls required to be in the evening:	1

### 43.7 Respondent incentives

Respondent incentives:	Yes
Unconditional monetary incentives, paid before the interview:	No
Conditional monetary incentives, upon completion of the interview:	No
Unconditional non-monetary incentives (incl. vouchers), provided before the interview:	Yes
Conditional non-monetary incentives (incl. vouchers), upon completion of the interview:	Yes

**Please specify:**

Package of designed chewing gum and statistical pocket book to all respondents (inside advance letter envelope; "puff-effect")

iPhone -lottery (1 piece) and gift vouchers (2 pieces) of 300 euros: those who participated

**Other response enhancing measures:**

Use of other response enhancing measures (call-center, web-pages, etc.):	Yes
--	-----

**Description of other response enhancing measures:**

Refusal letters, a YouTube-video, posts in Twitter & Facebook

### 43.8 Strategies for refusal conversion

Strategies for refusal conversion:	Yes
------------------------------------	-----

**If yes, please describe:**

After interviewer trainings, interviewers were obliged to choose a pair among the colleagues, with whom they were encouraged to exchange respondents (both refusals and non-contacts). A document of "How to motivate and ignore refusals" was available.

### 43.9 Pretest

The period in which the pretest interviews were held:	06.09.16 - 16.09.16
Number of pretest interviews:	144
<b>Which techniques were used in the pre-test?</b>	
face-to-face interviews (like in the main survey)	Yes
cognitive interviews	No
tape recording of interviews	No
video recording of interviews	No
other, please describe:	
<b>What was the main purpose of the pre-test?</b>	
check the translations	Yes
check the CAPI script / routing	Yes
check the PAPI questionnaire / routing	No

## 44 Control operation

### 44.1 Interviews

Number of units selected for back-check:	240
Number of back-checks achieved:	84
Number of units where outcome was confirmed:	186
Type of back-check: Personal or Telephone:	Telephone

### 44.2 Refusals

Number of units selected for back-check:	40
Number of back-checks achieved:	17
Number of units where outcome was confirmed:	17
Type of back-check: Personal, Telephone or Mail:	Telephone

#### 44.3 Non-contacts

Number of units selected for back-check:	30
Number of back-checks achieved:	10
Number of units where outcome was confirmed:	10
Type of back-check: Personal, Telephone or Mail:	Telephone

#### 45 Cleaning operations

##### 45.2 Checking and control of main questionnaire CAPI program(s)

In first phase two researchers, NC and one application specialist tested the questionnaire. Then the pretest was conducted. After the pretest, some inaccuracies were corrected. Finally, the interviewers tested the questionnaire before data collecting period.

##### 45.3 Verification of optical scanning or keying of main questionnaire

Was the scanning or keying of the main questionnaire checked?:

Approximate proportion of the main questionnaires checked:

##### 45.4 Anonymization

###### Techniques used in the assessment of anonymity:

Statistical analyses based on key variables (e.g. top coding).

###### Variables included in the assessment of anonymity:

Ancestry, occupation, ethnicity, language, father's and mother's country of birth, citizenship, household on the whole (size, relationship, year of birth).

###### Variables edited to ensure anonymity:

Ancestry, occupation, ethnicity, language, father's and mother's country of birth, citizenship, household on the whole (size, relationship, year of birth).

###### Method used in anonymization of variables:

Restricting upper and lower ranges of continuous variables, cell suppression, aggregating.

#### 46 Deviations

C21 (CTZSHIPC): For anonymity reasons a number of substantial responses have been recoded to missing value (99 "No answer") by the national team.

C23 (CNTBRTHC): For anonymity reasons a number of substantial responses have been recoded to missing value (99 "No answer") by the national team.

C25 (LNGHOM1, LNGHOM2): For anonymity reasons a number of substantial responses have been recoded to missing value (99 "No answer") by the national team.

C28 (FBRNCNTB): For anonymity reasons a number of substantial responses have been recoded to missing value (99 "No answer") by the national team.

C30 (MBRNCNTB): For anonymity reasons a number of substantial responses have been recoded to missing value (99 "No answer") by the national team.

F1-F4 (HHMMB, GNDR- GNDRN, YRBRN- YRBRNN, RSHIP2- RSHIPAN): For anonymity reasons, a number of substantial responses of the household grid variables (GNDR- GNDRN, YRBRN- YRBRNN, RSHIP2- RSHIPAN) have been recoded to missing value by the national team. In a few cases variable HHMMB has been substituted.

F33-34a (ISCO08): For anonymity reasons a number of substantial responses have been rounded to more common occupations by the national team.

F47-49 (ISCO08P): For anonymity reasons a number of substantial responses have been rounded to more common occupations by the national team.

F61 (ANCTRY1 and ANCTRY2): The underlying national questionnaire item (showcard) has changed since previous round. For anonymity reasons a number of substantial responses have been recoded to missing value (999999 "No answer") by the national team.

## 47 Response rates

### 47.1 Break down of response and non response, main questionnaire

A. Total number of issued sample units (addresses, households or individuals):	3400
B. Refusal by respondent:	864
C. Refusal by proxy, or household or address refusal:	12
D. Refusals by opt-out list:	
E. No contact (after at least 4 visits):	232
F. Language barrier:	64
G. Respondent ill or incapacitated, unable to co-operate throughout fieldwork period:	109
H. Contact, but no interview for other reasons (broken appointment, respondent unavailable, other reasons):	109
I. Address not traceable:	12
J. Address not residential (institution, business/industrial purpose) / Respondent resides in an institution:	28
K. Address not occupied (not occupied, demolished, not yet built) / Address occupied, but no resident household (weekend or second home):	0
L. Other ineligible address:	0
M. Respondent emigrated/left the country long term (for more than 6 months):	24
N. Respondent deceased:	10
U. Invalid interviews:	11
V. Number of valid interviews:	1925
X. Records in the data file:	1925
Y) Number of sample units not accounted for:	0
Response rate main questionnaire $X/(A-(\text{sum of J,K,L,M,N}))$ :	57.67%

## 48 Estimates of Sampling error

## 49 Weighting

Basic characteristics of the design weight calculation process:

Number of realised stages: 1

Number of initial weights above 4 times the mean: 0

Initial weights above 4: -

IDNOs of initial weights above 4: -

DeffP: 1,00

## 50 Other study-related materials

### 50.7 Occupation coding

#### Classification used in coding of occupation:

First coded to a national classification based on ISCO and then bridged to match the ISCO08: No

First coded to a national classification and then bridged to match the ISCO08: No

No previous coding, occupation coded directly into the 4-digit ISCO08: Yes

#### Occupation coding procedures:

When did the coding of occupation for respondent and partner take place:

At the time of the interview: Yes

Later on: No

#### Number of occupation coders:

137

Coding procedures:

Were any occupation strings coded by more than one coder (double coding):	Yes
Was an adjudicator used:	Yes
If yes, was adjudication done:	
by sampling	No
on difficult cases	Yes
Is some kind of automatic/semiautomatic coding used in the coding process:	No

**Short description of coding and checking procedures:**

Interviewers coded the occupations into the 5-digit ISCO 08 during the interview. The post coding procedures (coding the unknown cases and converting national 5-digit codes into 4-digit) were done after composing the SAS data set.

## France

### 33 Data collector

GfK-ISL CRF - 40 rue Pasteur - CS 900004 - 92156 SURESNES Cedex  
Tel : + 33 1 74 18 60 00

### 34 Depositor

Anne Cornilleau, National coordinator

### 35 Funding agency

Large National Research Infrastructure PROGEDO and National Centre for Scientific Research (CNRS)

### 36 Grant number

none

### 37 Mode of data collection

#### 37.1 Main questionnaire

Computer assisted personal interview, CAPI: Yes  
Paper and pencil interview, PAPI: No

#### 37.2 Contact form questionnaire

Computer assisted personal interview, CAPI: Yes  
Paper and pencil interview, PAPI: No

### 38 Type of research instrument

**Structured questionnaires in:**  
French

### 39 Field work period(s)

10.11.2016 - 11.03.2017

### 40 Geographic unit

Have there been any changes in the region variable (REGIONxx) since the last round? Yes

**If yes, Please describe:**

The NUTS1 regions changed in France in 2015, thus there is a change in the NUTS2 codes for France. However, there has been no change in the name or geographical coverage of the NUTS2 regions.

Statistical inference possible at the regional level: Yes

Is your country part of the NUTS nomenclature or Eurostat's statistical regions for EFTA and Candidate countries? Yes

NUTS level in data file 2

**Geographic units in dataset:**

FR10 - Île de France  
FRF2 - Champagne-Ardenne  
FRE2 - Picardie  
FRD2 - Haute-Normandie  
FRB0 - Centre-Val de Loire  
FRD1 - Basse-Normandie  
FRC1 - Bourgogne  
FRE1 - Nord-Pas de Calais  
FRF3 - Lorraine



FRF1 - Alsace  
FRC2 - Franche-Comté  
FRG0 - Pays de la Loire  
FRH0 - Bretagne  
FRI3 - Poitou-Charentes  
FRI1 - Aquitaine  
FRJ2 - Midi-Pyrénées  
FRI2 - Limousin  
FRK2 - Rhône-Alpes  
FRK1 - Auvergne  
FRJ1 - Languedoc-Roussillon  
FRL0 - Provence-Alpes-Côte d'Azur

#### 41 Geographic coverage

France, not including islands, Corsica and overseas territories.

#### 42 Sampling procedure

Sampling Frame:

List of Zone Action Enquêteur (ZAE), or Interviewer Action Areas. This list was developed by INSEE to provide a frame for households surveys. The ZAEs are local areas to which typically one interviewer is assigned. There are 3832 ZAEs.

List of dwellings identified in the 2015 rotating census.

Sampling Design:

A two-domain sampling is used, where the first domain is composed of the municipalities with more than 40000 dwellings and the arrondissements of Paris, Lyon and Marseille, and all other municipalities belong to a second sampling domain.

In the first sampling domain the dwellings are selected by stratified sampling with the municipalities or arrondissements as strata. Selection within strata was by Simple Random Sampling and allocation was proportional to the number of dwellings in the stratum. Persons were selected at the third stage from the selected dwellings using a Kish Grid.

The second sampling domain has an additional first stage, in which ZAEs are selected proportional to their size (number of dwellings) by a stratified sample. The strata are a crossing of the administrative regions in France (21 categories) and ZAE type (2 categories, big and small). At the second stage dwellings are selected by Simple Random Sampling. A person was selected at the third stage from each dwelling using a Kish Grid.

The allocations of the sample size between the two domains is proportional to the number of dwellings.

##### 42.1 Use of opt-out list

Does some kind of opt-out list exist in your country?

No

When does the opt-out list take effect:

### 43 Fieldwork procedures

#### 43.1 Interviewer selection

Total number of interviewers:	172
Number of interviewers with previous experience from working with the ESS:	116 at least
Number of interviewers who have not done any face-to-face interviewing work before:	0
Number of interviewers who have not done any interviewing work before (regardless of the survey, mode or sample type):	0

#### 43.2 Briefing of interviewers

How many of the interviewers received ESS specific personal briefing?:	176 (of which 4 did not take part in survey)
Total length of ESS specific personal briefing(s) per interviewer:	4-8 hours
Written ESS specific instructions:	Yes
Was the ESS Interviewer Manual provided to interviewers:	No
Were the ESS briefing slides used for briefing:	Yes
Was the ESS briefing example interview ("dummy interview") conducted using the guidance provided:	No
Training in refusal conversion:	Yes
Training on how to fill in contact forms:	Yes
Training on how to fill in observable and dwelling information:	Yes
<b>Materials on observable and dwelling information:</b>	
Photos:	Yes
Video-tape recording:	No
If yes to photos used, were these adapted to suit the situation in your country?	No

#### 43.3 Employment status of interviewers

Free-lance interviewers:	No
Employees of the fieldwork organisation:	Yes
Other:	No

#### 43.4 Payments of interviewers

Hourly rate:	No
Per completed interview:	Yes
Assignment fee (set fee for working on a set of sample units):	No
A regular fixed salary:	No
Bonus arrangement:	Yes
Other:	No

**If bonus arrangement or other, please specify:**

Interviewers have a bonus payment if their response rate is over the target rate.

#### 43.5 Advance information

Use of advance letter:	Yes
Use of brochure:	Yes

#### 43.6 Call schedules

First contact by:	Visit
Number of minimum required visits per respondent/sampling unit in total:	5
Number of visits required to be on a weekend:	1
Number of visits required to be in the evening:	1

#### 43.7 Respondent incentives

Respondent incentives:	Yes
Unconditional monetary incentives, paid before the interview:	No
Conditional monetary incentives, upon completion of the interview:	No
Unconditional non-monetary incentives (incl. vouchers), provided before the interview:	Yes
Conditional non-monetary incentives (incl. vouchers), upon completion of the interview:	Yes

**Please specify:**

Conditional 7€ voucher once the interview was completed and conditional 15€ vouchers were used for refusals reissued which resulted in interviews. In addition, respondents were systematically invited to participate in a lottery (random allocation of 50 prizes from 300 euros to 10 euros) . An experiment was implemented as well : a batch of 300 households have received unconditional incentives (5€ voucher) within the advance letter. Respondents of these households were not offered an conditional incentive, unless for cases where reissues took place.

**Other response enhancing measures:**

Use of other response enhancing measures (call-center, web-pages, etc.):	Yes
--	-----

**Description of other response enhancing measures:**

Before the fieldwork, a letter was sent to the city hall of each city in which the survey took place. During the fieldwork, a free number and a dedicated website were available for the households sampled.

#### 43.8 Strategies for refusal conversion

Strategies for refusal conversion:	Yes
------------------------------------	-----

**If yes, please describe:**

Refusals reissued where selected from the initial refusal degree : the very hard refusal were excluded. Raise of the incentive amount : 15€ conditional voucher for interviews occurring during the reissue phase.

#### 43.9 Pretest

The period in which the pretest interviews were held:	17.10.16 - 21.10.16
Number of pretest interviews:	32
<b>Which techniques were used in the pre-test?</b>	
face-to-face interviews (like in the main survey)	Yes
cognitive interviews	No
tape recording of interviews	Yes
video recording of interviews	No
other, please describe:	Interviewers had sheets to note any particular reaction of the interviewees during the interview and they had to describe systematically the reaction of interviewees on specific questions (C33 to C35/C36 to C38/ C39 to C41/ F61). They had also to ask interviewees at the end of the interview if they had any comprehension

issues or if they felt uncomfortable at any point. The accreditive letter and the leaflet were discussed at the end of the interview to know if we could improve these documents.

**What was the main purpose of the pre-test?**

check the translations	Yes
check the CAPI script / routing	Yes
check the PAPI questionnaire / routing	No

**44 Control operation**

**44.1 Interviews**

Number of units selected for back-check:	918
Number of back-checks achieved:	436
Number of units where outcome was confirmed:	391
Type of back-check: Personal or Telephone:	Personal, Telephone

**44.2 Refusals**

Number of units selected for back-check:	51
Number of back-checks achieved:	41
Number of units where outcome was confirmed:	41
Type of back-check: Personal, Telephone or Mail:	Personal

**44.3 Non-contacts**

Number of units selected for back-check:	92
Number of back-checks achieved:	77
Number of units where outcome was confirmed:	77
Type of back-check: Personal, Telephone or Mail:	Personal

**45 Cleaning operations**

**45.2 Checking and control of main questionnaire CAPI program(s)**

Controls were done by the NC team and the survey institute team. Several scenario were defined and tested. The results of the tests were noted into a sheet and changes to apply were monitored thanks to this sheet. Produced dataset was controlled at the programming stage as well.

**45.3 Verification of optical scanning or keying of main questionnaire**

Was the scanning or keying of the main questionnaire checked?:  
 Approximate proportion of the main questionnaires checked:

**45.4 Anonymization**

**Techniques used in the assessment of anonymity:**

We performed cross-treatment on socio-demographic variables.

**Variables included in the assessment of anonymity:**

Indirectly identifiable variables (such as gender, age, origin, nationality, occupation, partner and parents informations) were analyzed and crossed each other to identify anonymity problems.

**Variables edited to ensure anonymity:**

None

**46 Deviations**

C32 (ADMQFI) - D32 (ADMUB): Due to CAPI error information is missing for 9 respondents (IDNOs: 243, 700, 785, 1282, 1283, 1445, 1530, 1531, 1984).

D22 (CCNTHUM) - D25 (CCGDBD): Due to CAPI error information is missing for 1 respondent (IDNO 291) .

E5 (SLVUEMP): Due to CAPI error information is missing for 1 respondent (IDNO 1829).

E20 (ADMUB) - E32 (UBSPUNP): Due to CAPI error information is missing for 9 respondents (IDNOs: 243, 700, 785, 1282, 1283, 1445, 1530, 1531, 1984).

E36 (BASINC) - E38 (EDUCNBF): Due to CAPI error information is missing for 1 respondent (1513).

F61 (ANCTRY1, ANCTRY2): The underlying national questionnaire item (showcard) has changed since previous round.

**REGION:**

In France the NUTS1 regions changed in 2015 resulting in a change in the NUTS2 codes. However, there have been no change in the geographical coverage of the NUTS2 regions only the NUTS2 codes have changed.

Item non-response: 2 cases (Idno=71 and 75) have more than 50% Refusal, Don't know or No answer in Main questionnaire.

## 47 Response rates

### 47.1 Break down of response and non response, main questionnaire

A. Total number of issued sample units (addresses, households or individuals):	4300
B. Refusal by respondent:	106
C. Refusal by proxy, or household or address refusal:	724
D. Refusals by opt-out list:	0
E. No contact (after at least 4 visits):	604
F. Language barrier:	71
G. Respondent ill or incapacitated, unable to co-operate throughout fieldwork period:	65
H. Contact, but no interview for other reasons (broken appointment, respondent unavailable, other reasons):	183
I. Address not traceable:	121
J. Address not residential (institution, business/industrial purpose) / Respondent resides in an institution:	27
K. Address not occupied (not occupied, demolished, not yet built) / Address occupied, but no resident household (weekend or second home):	145
L. Other ineligible address:	175
M. Respondent emigrated/left the country long term (for more than 6 months):	0
N. Respondent deceased:	1
U. Invalid interviews:	8
V. Number of valid interviews:	2070
X. Records in the data file:	2070
Y) Number of sample units not accounted for:	0
Response rate main questionnaire $X/(A-(\text{sum of J,K,L,M,N}))$ :	52.38%

## 48 Estimates of Sampling error

## 49 Weighting

Basic characteristics of the design weight calculation process:

Number of realised stages: 3

Number of initial weights above 4 times the mean: 0

Initial weights above 4: -

IDNOs of initial weights above 4: -

DeffP: 1,20

## 50 Other study-related materials

### 50.7 Occupation coding

#### Classification used in coding of occupation:

First coded to a national classification based on ISCO and then bridged to match the ISCO08: No

First coded to a national classification and then bridged to match the ISCO08: No

No previous coding, occupation coded directly into the 4-digit ISCO08: Yes

#### Occupation coding procedures:

When did the coding of occupation for respondent and partner take place:

At the time of the interview: No

Later on: Yes

#### Number of occupation coders:

2

Coding procedures:

Were any occupation strings coded by more than one coder (double coding):	Yes
Was an adjudicator used:	Yes
If yes, was adjudication done:	
by sampling	Yes
on difficult cases	Yes
Is some kind of automatic/semiautomatic coding used in the coding process:	No

**Short description of coding and checking procedures:**

The coding process was outsourced to a service provider working regularly with GfK.

Several verification stages were set up :

- after coding a first set of occupations, the provider noted difficult cases and asked GfK team what were the accurate codes for these cases;
- one person from the GfK team compared all verbatims for each ISCO code used to assess the homogeneity;
- verification on 10% of randomly selected cases: no inconsistency occurred.

## Germany

### 33 Data collector

infas Institut für angewandte Sozialwissenschaft GmbH

### 34 Depositor

Michael Weinhardt  
Stefan Liebig, National Coordinator

### 35 Funding agency

Bundesministerium für Bildung und Forschung (Federal Ministry of Education and Research)

### 36 Grant number

01UW1601

### 37 Mode of data collection

#### 37.1 Main questionnaire

Computer assisted personal interview, CAPI: Yes  
Paper and pencil interview, PAPI: No

#### 37.2 Contact form questionnaire

Computer assisted personal interview, CAPI: Yes  
Paper and pencil interview, PAPI: No

### 38 Type of research instrument

**Structured questionnaires in:**  
German

### 39 Field work period(s)

23.08.16 - 26.03.17

### 40 Geographic unit

Have there been any changes in the region variable (REGIONxx) since the last round? No

Statistical inference possible at the regional level: No

Is your country part of the NUTS nomenclature or Eurostat's statistical regions for EFTA and Candidate countries? Yes

#### **Suggested grouping of the regional categories:**

West Germany: DE1, DE2, DE5, DE6, DE7, DE9, DEA, DEB, DEC, DEF, (DE3);

East Germany: DE4, DE8, DED, DEE, DEG, (DE3);

The classification of DE3 (Berlin) as either West or East Germany will depend on the research question.

NUTS level in data file NUTS1

#### **Geographic units in dataset:**

DE1 Baden-Württemberg

DE2 Bayern

DE3 Berlin

DE4 Brandenburg

DE5 Bremen

DE6 Hamburg

DE7 Hessen

DE8 Mecklenburg-Vorpommern



DE9 Niedersachsen  
DEA Nordrhein-Westfalen  
DEB Rheinland-Pfalz  
DEC Saarland  
DED Sachsen  
DEE Sachsen-Anhalt  
DEF Schleswig-Holstein  
DEG Thüringen

#### 41 Geographic coverage

Germany

#### 42 Sampling procedure

Sampling Frame:

Official registers from local residents' registration offices

Sampling Design:

A stratified two-stage probability design drawn separately for East and West Germany: 131 sample points in West Germany and 66 sample points in East Germany. At the first stage, municipalities are selected with probability proportional to the number of people aged 15 or over on the population register, using Cox rounding. Thus, the largest municipalities can be selected multiple times and the number of municipalities selected (181) is smaller than the number of selections (197).

48 persons were selected at the second stage from the person register for each time the municipality was selected. This was done by municipality staff following instructions to select a systematic random sample from the list ordered by name.

Note: The Municipality of Munich did not co-operate with the request to draw a sample, with the consequence that there are no survey participants in Munich. 144 persons (1.5% of the sample) should have been selected in Munich.

##### 42.1 Use of opt-out list

Does some kind of opt-out list exist in your country?

Yes

When does the opt-out list take effect:

After the sample has been drawn

**If yes, please include a short description of the opt-out list and its use:**

infas is a member of the ADM-Association ("Arbeitskreis Deutscher Markt- und Sozialforschungsinstitute e.V.") and as well of the ADM working group "Sampling". ADM members in Germany use an opt-out-list for telephone samples, which is maintained and managed by the ADM working group "Sampling". The phone numbers included in this list were excluded from the random sample of the survey during the sampling process. The list was updated daily and the sample of phone numbers was checked daily with the updated list. Phone numbers that were new in the opt-out-list were excluded from the sample.

### 43 Fieldwork procedures

#### 43.1 Interviewer selection

Total number of interviewers:	281
Number of interviewers with previous experience from working with the ESS:	175
Number of interviewers who have not done any face-to-face interviewing work before:	27
Number of interviewers who have not done any interviewing work before (regardless of the survey, mode or sample type):	27

#### 43.2 Briefing of interviewers

How many of the interviewers received ESS specific personal briefing?:	100 %
Total length of ESS specific personal briefing(s) per interviewer:	4-8 hours
Written ESS specific instructions:	Yes
Was the ESS Interviewer Manual provided to interviewers:	Yes
Were the ESS briefing slides used for briefing:	Yes
Was the ESS briefing example interview ("dummy interview") conducted using the guidance provided:	Yes
Training in refusal conversion:	Yes
Training on how to fill in contact forms:	Yes
Training on how to fill in observable and dwelling information:	Yes
<b>Materials on observable and dwelling information:</b>	
Photos:	Yes
Video-tape recording:	Yes
If yes to photos used, were these adapted to suit the situation in your country?	Yes

#### 43.3 Employment status of interviewers

Free-lance interviewers:	Yes
Employees of the fieldwork organisation:	No
Other:	No

#### 43.4 Payments of interviewers

Hourly rate:	No
Per completed interview:	Yes
Assignment fee (set fee for working on a set of sample units):	Yes
A regular fixed salary:	No
Bonus arrangement:	Yes
Other:	No

##### **If bonus arrangement or other, please specify:**

The payment of interviewers was split into three elements: (1) A basic pay for processing all addresses and reaching the predetermined number of contacts for each address by the end of fieldwork; (2) separate payments for contacting respondents, depending on the number of contacts and distance travelled; (3) additional payment for completed interviews, adjusted for interview length, overall the largest fraction of the interviewer pay. Interviewers received additional bonuses for a) making contacts in the first weeks of the fieldwork and b) follow-ups on "difficult" cases.

#### 43.5 Advance information

Use of advance letter:	Yes
Use of brochure:	Yes

#### 43.6 Call schedules

First contact by:	Visit
Number of minimum required visits per respondent/sampling unit in total:	4
Number of visits required to be on a weekend:	1
Number of visits required to be in the evening:	1

#### 43.7 Respondent incentives

Respondent incentives:	Yes
Unconditional monetary incentives, paid before the interview:	No
Conditional monetary incentives, upon completion of the interview:	Yes
Unconditional non-monetary incentives (incl. vouchers), provided before the interview:	No
Conditional non-monetary incentives (incl. vouchers), upon completion of the interview:	No

**Please specify:**

The original incentive for the first tranche of addresses was 20 Euros conditional on a successful interview. The incentive was not paid on the spot but rather included in the letter of thanks for respondents sent by the fieldwork agency a couple of weeks after the interview. For the first month of the fieldwork period (of both the first and the second tranche of addresses), interviewers had the option to increase the incentive by 10 Euros "at the doorstep" as they see fit and deem necessary. During the fieldwork, incentives for respondent were increased several times. First, the incentive for re-issues from the first field phase (non-contacts and soft refusals) and remaining unproductive cases was increased first to 30 and finally to 40 Euros. In addition, at the beginning of December, the door-step incentive was increased up to 50 Euros. All increases in the conditional incentives were announced in a separate letter to respondents. Finally, with the beginning of January 2017, interviewers receive an additional bonus of up to 50 Euros for a successful interview.

**Other response enhancing measures:**

Use of other response enhancing measures (call-center, web-pages, etc.):	Yes
--	-----

**Description of other response enhancing measures:**

Website of the survey agency, tollfree info hotline by the survey agency, e-mail address for the study; reminder letters, call center: assisting interviewers with contact attempts via central telephone units when initial contact attempts by the interviewer were not successful.

Website of the German ESS team with information on round 8 for potential respondents; new this round: press releases to general and local newspapers, social media presence (Twitter, Facebook), information video for respondent and interviewer motivation.

#### 43.8 Strategies for refusal conversion

Strategies for refusal conversion:	Yes
------------------------------------	-----

**If yes, please describe:**

Interviewer training in refusal conversion; unsuccessful addresses with soft refusals were re-issued; additional refusal conversion by phone through trained call-center agents; increased overall incentives and additional letters, possibility for interviewers to further increase incentives on the doorstep if felt to be effective.

#### 43.9 Pretest

The period in which the pretest interviews were held:	11.07.16 - 18.07.16
Number of pretest interviews:	55
<b>Which techniques were used in the pre-test?</b>	
face-to-face interviews (like in the main survey)	Yes
cognitive interviews	No
tape recording of interviews	No

video recording of interviews	No
other, please describe:	
<b>What was the main purpose of the pre-test?</b>	
check the translations	No
check the CAPI script / routing	Yes
check the PAPI questionnaire / routing	No

#### 44 Control operation

##### 44.1 Interviews

Number of units selected for back-check:	2874
Number of back-checks achieved:	1,715
Number of units where outcome was confirmed:	1,711
Type of back-check: Personal or Telephone:	Mail

##### 44.2 Refusals

Number of units selected for back-check:	118
Number of back-checks achieved:	11
Number of units where outcome was confirmed:	6
Type of back-check: Personal, Telephone or Mail:	Telephone

##### 44.3 Non-contacts

Number of units selected for back-check:	25
Number of back-checks achieved:	4
Number of units where outcome was confirmed:	3
Type of back-check: Personal, Telephone or Mail:	Telephone

#### 45 Cleaning operations

##### 45.2 Checking and control of main questionnaire CAPI program(s)

The CAPI programme was manually checked to ensure consistency with the source questionnaire, the translation, correct show-cards and interviewers instructions as well as correct routing.

##### 45.3 Verification of optical scanning or keying of main questionnaire

Was the scanning or keying of the main questionnaire checked?:  
Approximate proportion of the main questionnaires checked:

##### 45.4 Anonymization

###### Techniques used in the assessment of anonymity:

No special techniques have been used - the general information in the datasets is not deemed to be very disclosive.

###### Variables included in the assessment of anonymity:

All verbatim information / variables have been looked at together and in conjunction with basic information on gender, age and region.

###### Variables edited to ensure anonymity:

None

#### 46 Deviations

F15 (EDULVLB), F15 (EISCED), F44 (EDULVLPB), F44 (EISCEDP), F52 (EDULVLFB), F52 (EISCEDF), F56 (EDULVLMB), F56 (EISCEDM): The underlying national questionnaire items have changed since previous rounds. Please see Appendix 1 Education.

F61 (ANCTRY1, ANCTRY2): The underlying national questionnaire item (showcard) has changed since previous round.

## 47 Response rates

### 47.1 Break down of response and non response, main questionnaire

A. Total number of issued sample units (addresses, households or individuals):	9456
B. Refusal by respondent:	4098
C. Refusal by proxy, or household or address refusal:	531
D. Refusals by opt-out list:	0
E. No contact (after at least 4 visits):	490
F. Language barrier:	164
G. Respondent ill or incapacitated, unable to co-operate throughout fieldwork period:	230
H. Contact, but no interview for other reasons (broken appointment, respondent unavailable, other reasons):	390
I. Address not traceable:	538
J. Address not residential (institution, business/industrial purpose) / Respondent resides in an institution:	25
K. Address not occupied (not occupied, demolished, not yet built) / Address occupied, but no resident household (weekend or second home):	21
L. Other ineligible address:	7
M. Respondent emigrated/left the country long term (for more than 6 months):	48
N. Respondent deceased:	37
U. Invalid interviews:	25
V. Number of valid interviews:	2852
X. Records in the data file:	2852
Y) Number of sample units not accounted for:	0
Response rate main questionnaire $X/(A-(\text{sum of J,K,L,M,N}))$ :	30.61%

## 48 Estimates of Sampling error

## 49 Weighting

Basic characteristics of the design weight calculation process:

Number of realised stages: 2

Number of initial weights above 4 times the mean: 0

Initial weights above 4: -

IDNOs of initial weights above 4: -

DeffP: 1,12

## 50 Other study-related materials

### 50.7 Occupation coding

#### Classification used in coding of occupation:

First coded to a national classification based on ISCO and then bridged to match the ISCO08: No

First coded to a national classification and then bridged to match the ISCO08: No

No previous coding, occupation coded directly into the 4-digit ISCO08: Yes

#### Occupation coding procedures:

When did the coding of occupation for respondent and partner take place:

At the time of the interview: No

Later on: Yes

#### Number of occupation coders:

8

Coding procedures:

Were any occupation strings coded by more than one coder (double coding):	Yes
Was an adjudicator used:	Yes
If yes, was adjudication done:	
by sampling	Yes
on difficult cases	Yes
Is some kind of automatic/semiautomatic coding used in the coding process:	Yes

**Short description of coding and checking procedures:**

The occupation coders of the survey agency received intensive training in the coding of ISCO-08 (more than 10.000 ISCO-codes/coder during the training) and regular follow-up training. Coding takes place with the help of an electronic coding-system. Afterwards, coders check the plausibility of the codes. Additional steps of the coding procedure are made to assure the quality of the coding (second coding for comparison, checks of frequencies etc.).

## Hungary

### 33 Data collector

TÁRKI Social Research Institute

### 34 Depositor

Bence Ságvári, National Coordinator

### 35 Funding agency

Hungarian Academy of Sciences Centre for Social Sciences

### 36 Grant number

ESS 01016239

### 37 Mode of data collection

#### 37.1 Main questionnaire

Computer assisted personal interview, CAPI: Yes

Paper and pencil interview, PAPI: No

#### 37.2 Contact form questionnaire

Computer assisted personal interview, CAPI: No

Paper and pencil interview, PAPI: Yes

### 38 Type of research instrument

**Structured questionnaires in:**

Hungarian

### 39 Field work period(s)

14.05.17 - 16.09.17

### 40 Geographic unit

Have there been any changes in the region variable (REGIONxx) since the last round? No

Statistical inference possible at the regional level: Yes

Is your country part of the NUTS nomenclature or Eurostat's statistical regions for EFTA and Candidate countries? Yes

NUTS level in data file NUTS 3

#### **Geographic units in dataset:**

HU101 Budapest

HU102 Pest

HU211 Fejer

HU212 Komarom-Esztergom

HU213 Veszprem

HU221 Gyor-Moson-Sopron

HU222 Vas

HU223 Zala

HU231 Baranya

HU232 Somogy

HU233 Tolna

HU312 Heves

HU313 Nograd

HU321 Hajdu-Bihar

HU322 Jasz-Nagykun-Szolnok



HU323 Szabolcs-Szatmár-Bereg  
HU331 Bács-Kiskun  
HU332 Békés  
HU333 Csongrád

#### 41 Geographic coverage

Hungary

#### 42 Sampling procedure

Sampling Frame: The National Population Register from the Central Office for Administrative and Electronic Public Services (KEH KH).

Sampling Design: 2-domain design.

1st Sampling Domain: The 23 districts of Budapest and the 141 largest settlements in Hungary.

Sampling Design: 1-stage design. A total of 2,399 persons were sampled from the KEH KH by a stratified sample. The stratification is based on the districts of Budapest and the other settlements, with sample size proportional to population size aged 15+. The selection within the strata is done by a simple random sampling.

2nd Sampling Domain: The 3012 settlements that do not belong to the first domain.

Sampling Design: 2-stage design: At the first stage, 95 settlements are sampled by a stratified sample. The stratification is based on the crossing of region (7 regions) and the classification of settlements as city or village. The selection is done with probability proportional to the size of the target population in the Settlements.

At the second stage, 17 persons from each sampled settlement were selected with simple random sampling.

##### 42.1 Use of opt-out list

Does some kind of opt-out list exist in your country?

Yes

When does the opt-out list take effect:

Before the sample is drawn

**If yes, please include a short description of the opt-out list and its use:**

Only official lists were used, ordered directly from the Hungarian Central Statistical Office.

The target population is residents aged 15 years and over that are registered in the National Population Registry, obtained from Central Office for Administrative and Electronic Public Services (KEH KH).

### 43 Fieldwork procedures

#### 43.1 Interviewer selection

Total number of interviewers:	132
Number of interviewers with previous experience from working with the ESS:	80
Number of interviewers who have not done any face-to-face interviewing work before:	0
Number of interviewers who have not done any interviewing work before (regardless of the survey, mode or sample type):	0

#### 43.2 Briefing of interviewers

How many of the interviewers received ESS specific personal briefing?:	132
Total length of ESS specific personal briefing(s) per interviewer:	4-8 hours
Written ESS specific instructions:	Yes
Was the ESS Interviewer Manual provided to interviewers:	Yes
Were the ESS briefing slides used for briefing:	Yes
Was the ESS briefing example interview ("dummy interview") conducted using the guidance provided:	Yes
Training in refusal conversion:	Yes
Training on how to fill in contact forms:	Yes
Training on how to fill in observable and dwelling information:	Yes
<b>Materials on observable and dwelling information:</b>	
Photos:	No
Video-tape recording:	No
If yes to photos used, were these adapted to suit the situation in your country?	No

#### 43.3 Employment status of interviewers

Free-lance interviewers:	Yes
Employees of the fieldwork organisation:	No
Other:	No

#### 43.4 Payments of interviewers

Hourly rate:	No
Per completed interview:	Yes
Assignment fee (set fee for working on a set of sample units):	No
A regular fixed salary:	No
Bonus arrangement:	No
Other:	No

#### 43.5 Advance information

Use of advance letter:	No
Use of brochure:	Yes

#### 43.6 Call schedules

First contact by:	Visit
Number of minimum required visits per respondent/sampling unit in total:	4
Number of visits required to be on a weekend:	1
Number of visits required to be in the evening:	1

#### 43.7 Respondent incentives

Respondent incentives:	No
------------------------	----

Unconditional monetary incentives, paid before the interview:	No
Conditional monetary incentives, upon completion of the interview:	No
Unconditional non-monetary incentives (incl. vouchers), provided before the interview:	No
Conditional non-monetary incentives (incl. vouchers), upon completion of the interview:	No
<b>Other response enhancing measures:</b>	
Use of other response enhancing measures (call-center, web-pages, etc.):	No

#### 43.8 Strategies for refusal conversion

Strategies for refusal conversion:	Yes
------------------------------------	-----

#### 43.9 Pretest

The period in which the pretest interviews were held:	23.02.17-28.02.17
Number of pretest interviews:	30
<b>Which techniques were used in the pre-test?</b>	
face-to-face interviews (like in the main survey)	Yes
cognitive interviews	No
tape recording of interviews	No
video recording of interviews	No
other, please describe:	
<b>What was the main purpose of the pre-test?</b>	
check the translations	Yes
check the CAPI script / routing	No
check the PAPI questionnaire / routing	No

#### 44 Control operation

##### 44.1 Interviews

Number of units selected for back-check:	315
Number of back-checks achieved:	315
Number of units where outcome was confirmed:	312
Type of back-check: Personal or Telephone:	Telephone

##### 44.2 Refusals

Number of units selected for back-check:	87
Number of back-checks achieved:	87
Number of units where outcome was confirmed:	87
Type of back-check: Personal, Telephone or Mail:	Mail

##### 44.3 Non-contacts

Number of units selected for back-check:	143
Number of back-checks achieved:	143
Number of units where outcome was confirmed:	143
Type of back-check: Personal, Telephone or Mail:	Mail

#### 45 Cleaning operations

##### 45.2 Checking and control of main questionnaire CAPI program(s)

The CAPI programme was checked during the pretest and before the main fieldwork started by researchers.

##### 45.3 Verification of optical scanning or keying of main questionnaire

Was the scanning or keying of the main questionnaire checked?:	Yes
Approximate proportion of the main questionnaires checked:	10

#### 45.4 Anonymization

##### **Techniques used in the assessment of anonymity:**

Based on the protocols we followed with TARKI in the previous rounds, no personal data could be identified from personal/case IDs, region variables and/or interviewer identification numbers.

Also, similarly to the previous rounds, based on the population characteristics of Hungary, no measures other than basic precautions (mentioned above) are needed to ensure anonymity.

##### **Variables included in the assessment of anonymity:**

We used ancestry, occupation and ethnicity, citizenship together with region to check anonymity.

##### **Variables edited to ensure anonymity:**

None

#### 46 Deviations

C43 (RFGFRPC): The item was erroneously not included in the Hungarian questionnaire.

C44 (RFGBFML): The item was erroneously not included in Hungarian questionnaire.

F61 (ANCTRY1, ANCTRY2): The underlying national questionnaire item (showcard) has changed since previous round.

Item non-response: One case (idno=1429) has more than 50% Refusal, Don't know or No answer in Main questionnaire.

## 47 Response rates

### 47.1 Break down of response and non response, main questionnaire

A. Total number of issued sample units (addresses, households or individuals):	4006
B. Refusal by respondent:	1233
C. Refusal by proxy, or household or address refusal:	229
D. Refusals by opt-out list:	0
E. No contact (after at least 4 visits):	386
F. Language barrier:	22
G. Respondent ill or incapacitated, unable to co-operate throughout fieldwork period:	51
H. Contact, but no interview for other reasons (broken appointment, respondent unavailable, other reasons):	182
I. Address not traceable:	17
J. Address not residential (institution, business/industrial purpose) / Respondent resides in an institution:	10
K. Address not occupied (not occupied, demolished, not yet built) / Address occupied, but no resident household (weekend or second home):	39
L. Other ineligible address:	0
M. Respondent emigrated/left the country long term (for more than 6 months):	134
N. Respondent deceased:	18
U. Invalid interviews:	8
V. Number of valid interviews:	1614
X. Records in the data file:	1625
Y) Number of sample units not accounted for:	63
Response rate main questionnaire $X/(A-(\text{sum of J,K,L,M,N}))$ :	42.71%

## 48 Estimates of Sampling error

## 49 Weighting

Basic characteristics of the design weight calculation process:

Number of realized stages: 2

Number of weights above 4:0

Initial weights above 4: -

IDNOs of weights above 4: -

Deffp :1.02

## 50 Other study-related materials

### 50.7 Occupation coding

#### Classification used in coding of occupation:

First coded to a national classification based on ISCO and then bridged to match the ISCO08: Yes

First coded to a national classification and then bridged to match the ISCO08: No

No previous coding, occupation coded directly into the 4-digit ISCO08: No

#### Occupation coding procedures:

When did the coding of occupation for respondent and partner take place:

At the time of the interview: No

Later on: Yes

#### Number of occupation coders:

2

Coding procedures:

Were any occupation strings coded by more than one coder (double coding):	No
Was an adjudicator used:	Yes
If yes, was adjudication done:	
by sampling	No
on difficult cases	Yes
Is some kind of automatic/semiautomatic coding used in the coding process:	No

**Short description of coding and checking procedures:**

Data is entered in SPSS Data Entry program. Logical control and exclusion of extreme values are always built in the program. This procedure reduces typing errors and other possible mistakes.

Cleaning of data occurs at different stages. Before compiling the system file a program pre-checks for various types of coding error. Only after correcting these errors are the files joined.

## Iceland

### 33 Data collector

The Social Science Research Institute (SSRI) of the University of Iceland  
Félagsvísindastofnun  
Gimli - Sæmundargötu 2  
101 Reykjavík  
Iceland

### 34 Depositor

Bylgja Arnadóttir, Fieldwork organisation

### 35 Funding agency

RANNÍS (Rannsóknamiðstöð Íslands), Mennta- og Menningarmálaráðuneytið,  
Velferðarráðuneytið, Háskóli Íslands

### 36 Grant number

161200-0031

### 37 Mode of data collection

#### 37.1 Main questionnaire

Computer assisted personal interview, CAPI: Yes  
Paper and pencil interview, PAPI: No

#### 37.2 Contact form questionnaire

Computer assisted personal interview, CAPI: No  
Paper and pencil interview, PAPI: Yes

### 38 Type of research instrument

**Structured questionnaires in:**  
Icelandic

### 39 Field work period(s)

02.11.16 - 08.06.17

### 40 Geographic unit

Have there been any changes in the region variable (REGIONxx) since the last round? No  
Statistical inference possible at the regional level: Yes  
Is your country part of the NUTS nomenclature or Eurostat's statistical regions for EFTA and Candidate countries? Yes  
NUTS level in data file NUTS 3  
**Geographic units in dataset:**  
IS001 - Höfuðborgarsvæði (Great Reykavík Area)  
IS002 - Landsbyggð (Rest of the country)

### 41 Geographic coverage

Iceland excluding the remote island of Grímsey.

### 42 Sampling procedure

Sampling Frame: National registry of persons

Sampling Design:

Stratified two-stage multi-domain sampling. In Iceland, about 84.7% of the population live in the extended capital area (ECE) and the extended-regional-capital-north (ERCN).

Domain 1 (ECE and ERCN): A simple random sample of 1,602 persons was selected in this domain.

Domain 2 (towns, villages and rural areas not covered in Domain 1): Stratified two-stage sampling. Stratification was by four regions. Allocation of 6 PSUs to the strata was proportional to the stratum 15+ population sizes. PSUs were defined by 2 digit postal codes (zip-codes). At the first stage, the required number of PSUs (1 or 2) was selected within each stratum with probabilities proportional to 15+ population size. At the second stage, 66 or 67 persons were selected by simple random sampling, thus 400 selections in total in domain 2.

#### 42.1 Use of opt-out list

Does some kind of opt-out list exist in your country?

Yes

When does the opt-out list take effect:

**If yes, please include a short description of the opt-out list and its use:**

An opt out list exists but we obtained a permit to draw a sample from the entire population.



## 43 Fieldwork procedures

### 43.1 Interviewer selection

Total number of interviewers:	41
Number of interviewers with previous experience from working with the ESS:	6
Number of interviewers who have not done any face-to-face interviewing work before:	15
Number of interviewers who have not done any interviewing work before (regardless of the survey, mode or sample type):	20

### 43.2 Briefing of interviewers

How many of the interviewers received ESS specific personal briefing?:	41
Total length of ESS specific personal briefing(s) per interviewer:	4-8 hours
Written ESS specific instructions:	Yes
Was the ESS Interviewer Manual provided to interviewers:	Yes
Were the ESS briefing slides used for briefing:	Yes
Was the ESS briefing example interview ("dummy interview") conducted using the guidance provided:	Yes
Training in refusal conversion:	Yes
Training on how to fill in contact forms:	Yes
Training on how to fill in observable and dwelling information:	Yes
<b>Materials on observable and dwelling information:</b>	
Photos:	Yes
Video-tape recording:	No
If yes to photos used, were these adapted to suit the situation in your country?	Yes

### 43.3 Employment status of interviewers

Free-lance interviewers:	Yes
Employees of the fieldwork organisation:	Yes
Other:	No

### 43.4 Payments of interviewers

Hourly rate:	No
Per completed interview:	Yes
Assignment fee (set fee for working on a set of sample units):	Yes
A regular fixed salary:	No
Bonus arrangement:	Yes
Other:	No
<b>If bonus arrangement or other, please specify:</b>	
For every 12 completed interviews, a bonus was awarded	

### 43.5 Advance information

Use of advance letter:	Yes
Use of brochure:	No

### 43.6 Call schedules

First contact by:	Telephone
Number of minimum required visits per respondent/sampling unit in total:	4
Number of visits required to be on a weekend:	1
Number of visits required to be in the evening:	1
Number of minimum required calls per respondent (in total):	10

Number of calls required to be on a weekend:	computer algorithm
Number of calls required to be in the evening:	computer algorithm

#### 43.7 Respondent incentives

Respondent incentives:	Yes
Unconditional monetary incentives, paid before the interview:	No
Conditional monetary incentives, upon completion of the interview:	Yes
Unconditional non-monetary incentives (incl. vouchers), provided before the interview:	No
Conditional non-monetary incentives (incl. vouchers), upon completion of the interview:	No

**Please specify:**

Every respondent was entered into a lottery with the chance of winning a rather substantial monetary prize or one of 10 smaller ones.

**Other response enhancing measures:**

Use of other response enhancing measures (call-center, web-pages, etc.):	Yes
--	-----

**Description of other response enhancing measures:**

A few personal motivational meetings were held with interviewers. Information on our website on ESS.

#### 43.8 Strategies for refusal conversion

Strategies for refusal conversion:	Yes
------------------------------------	-----

**If yes, please describe:**

Every refusal on the phone was contacted at least once more by an experienced interviewer for refusal conversion.

#### 43.9 Pretest

The period in which the pretest interviews were held:	21.11.16 - 27.11.16
Number of pretest interviews:	12

**Which techniques were used in the pre-test?**

face-to-face interviews (like in the main survey)	Yes
cognitive interviews	No
tape recording of interviews	No
video recording of interviews	No
other, please describe:	

**What was the main purpose of the pre-test?**

check the translations	No
check the CAPI script / routing	Yes
check the PAPI questionnaire / routing	Yes

#### 44 Control operation

##### 44.1 Interviews

Number of units selected for back-check:	NA
Number of back-checks achieved:	NA
Number of units where outcome was confirmed:	
Type of back-check: Personal or Telephone:	Personal and Telephone

##### 44.2 Refusals

Number of units selected for back-check:	NA
Number of back-checks achieved:	NA
Number of units where outcome was confirmed:	NA

Type of back-check: Personal, Telephone or Mail: Telephone

#### 44.3 Non-contacts

Number of units selected for back-check: NA  
Number of back-checks achieved: NA  
Number of units where outcome was confirmed: NA  
Type of back-check: Personal, Telephone or Mail: Personal and Telephone

#### 45 Cleaning operations

##### 45.2 Checking and control of main questionnaire CAPI program(s)

The CAPI program (Qualtrics) was checked several times by at least 4 staff members for errors in routing and accuracy in translation. During the pretest 2 experienced staff members checked the routing as well. During the first few days of data collection the CAPI interviews were checked to see if any routing errors were found.

##### 45.3 Verification of optical scanning or keying of main questionnaire

Was the scanning or keying of the main questionnaire checked?:  
Approximate proportion of the main questionnaires checked:

##### 45.4 Anonymization

###### Techniques used in the assessment of anonymity:

Statistical disclosure control (SDC) analysis was performed on the data file obtained with the main questionnaire to measure the risk of identification in the data set. All variables that were assumed to be able to lead to identification were used as key-variables.

###### Variables included in the assessment of anonymity:

For the SDC analysis variables containing information on occupation (ISCO08), gender (GNDR), year of birth (YRBRN), marital status (MARSTS), children living in household (CHILDHM), education (EDUVLB), main activity (MAINACT), income (income) and first ancestry (ANC1IS).

###### Variables edited to ensure anonymity:

None

#### 46 Deviations

Ha-Hu (IPCRTIV-IMPFUN): Data for question Ha (IPCRTIV) through Hu (IMPFUN) is missing ("No answer") for 28 interviews due to poor interview quality.

## 47 Response rates

### 47.1 Break down of response and non response, main questionnaire

A. Total number of issued sample units (addresses, households or individuals):	2002
B. Refusal by respondent:	722
C. Refusal by proxy, or household or address refusal:	7
D. Refusals by opt-out list:	0
E. No contact (after at least 4 visits):	101
F. Language barrier:	109
G. Respondent ill or incapacitated, unable to co-operate throughout fieldwork period:	22
H. Contact, but no interview for other reasons (broken appointment, respondent unavailable, other reasons):	14
I. Address not traceable:	66
J. Address not residential (institution, business/industrial purpose) / Respondent resides in an institution:	14
K. Address not occupied (not occupied, demolished, not yet built) / Address occupied, but no resident household (weekend or second home):	1
L. Other ineligible address:	16
M. Respondent emigrated/left the country long term (for more than 6 months):	44
N. Respondent deceased:	6
U. Invalid interviews:	0
V. Number of valid interviews:	880
X. Records in the data file:	880
Y) Number of sample units not accounted for:	0
Response rate main questionnaire $X/(A-(\text{sum of J,K,L,M,N}))$ :	45.81%

## 48 Estimates of Sampling error

## 49 Weighting

Basic characteristics of the design weight calculation process:

Number of realised stages: 2

Number of initial weights above 4 times the mean: 0

Initial weights above 4: -

IDNOs of initial weights above 4: -

DeffP:1,03

## 50 Other study-related materials

### 50.7 Occupation coding

#### Classification used in coding of occupation:

First coded to a national classification based on ISCO and then bridged to match the ISCO08: No

First coded to a national classification and then bridged to match the ISCO08: Yes

No previous coding, occupation coded directly into the 4-digit ISCO08: Yes

#### Occupation coding procedures:

When did the coding of occupation for respondent and partner take place:

At the time of the interview: No

Later on: Yes

#### Number of occupation coders:

1

Coding procedures:

Were any occupation strings coded by more than one coder (double coding): No

Was an adjudicator used: No

If yes, was adjudication done:

by sampling

on difficult cases

Is some kind of automatic/semiautomatic coding used in the coding process: No

**Short description of coding and checking procedures:**

Respondents' answers to questions on: job title, main responsibilities, training needed, main activity of enterprise, number of people supervised, were copied into an excel spreadsheet and sorted alphabetically on job title. Coding was done in this spreadsheet. Job titles were looked up in the Icelandic translation of ISCO 88 and then bridged to match ISCO 08. Key words were searched to make sure that similar jobs were coded in the same way.

Occupation coder consulted with other experienced coders on difficult cases.

## Ireland

### 33 Data collector

Amárach Research  
11 Kingswood Business Centre,  
Kingswood Road,  
Citywest Business Campus,  
Dublin 24  
Ireland

### 34 Depositor

Amy Erbe Healy, National Coordinator

### 35 Funding agency

Irish Research Council

### 36 Grant number

Grant name: "European Social Survey (ESS)"

The funder (Irish Research Council) do not grant numbers: they use the project names instead

### 37 Mode of data collection

#### 37.1 Main questionnaire

Computer assisted personal interview, CAPI: Yes

Paper and pencil interview, PAPI: No

#### 37.2 Contact form questionnaire

Computer assisted personal interview, CAPI: Yes

Paper and pencil interview, PAPI: No

### 38 Type of research instrument

#### Structured questionnaires in:

English (we had produced a localised Polish language survey, but all Polish households participated using English)

### 39 Field work period(s)

25.11.16 - 08.05.17

### 40 Geographic unit

Have there been any changes in the region variable (REGIONxx) since the last round? No

Statistical inference possible at the regional level: No

Is your country part of the NUTS nomenclature or Eurostat's statistical regions for EFTA and Candidate countries? Yes

#### Suggested grouping of the regional categories:

1 = Border, Midlands, West;

2 = Dublin;

3 = South and East

NUTS level in data file NUTS 3

#### Geographic units in dataset:

IE011 Border

IE012 Midland

IE013 West

IE021 Dublin  
IE022 Mid-East  
IE023 Mid-West  
IE024 South-East (IRL)  
IE025 South-West (IRL)

#### **41 Geographic coverage**

Ireland

#### **42 Sampling procedure**

Sampling Frame:

GeoDirectory – a listing of all addresses in Ireland which allows residential addresses to be identified. The GeoDirectory has no known under-coverage and is updated four times per year.

Sampling Design:

Multi-stage clustered probability sample.

Stage 1: Selection of 480 clusters or primary sampling units (PSUs). Clusters consist of geographically contiguous addresses that lie within the boundaries of counties in groups with a minimum of 500 residential addresses. There are 2,725 clusters of addresses created from the GeoDirectory, ranging from 504 to 1190 residential addresses with most having 700 residential addresses. Clusters were selected using systematic sampling in proportion to the number of residential addresses in the cluster. Prior to selection, the clusters are sorted (implicit stratification) by location (county and location within county) and socio-economic status (socio-economic group, matched on from the Census 2011 small area population statistics).

Stage 2: Selection of ten addresses within each cluster, with an equal probability of selection.

Stage 3: Selection of the individual for interview in the household. One person aged 15 or over was selected for interview in each household, using a random procedure such as the 'last birthday rule.

##### **42.1 Use of opt-out list**

Does some kind of opt-out list exist in your country?

No

When does the opt-out list take effect:

## 43 Fieldwork procedures

### 43.1 Interviewer selection

Total number of interviewers:	103
Number of interviewers with previous experience from working with the ESS:	91
Number of interviewers who have not done any face-to-face interviewing work before:	0
Number of interviewers who have not done any interviewing work before (regardless of the survey, mode or sample type):	0

### 43.2 Briefing of interviewers

How many of the interviewers received ESS specific personal briefing?:	103
Total length of ESS specific personal briefing(s) per interviewer:	more than 8 hours
Written ESS specific instructions:	Yes
Was the ESS Interviewer Manual provided to interviewers:	Yes
Were the ESS briefing slides used for briefing:	Yes
Was the ESS briefing example interview ("dummy interview") conducted using the guidance provided:	Yes
Training in refusal conversion:	Yes
Training on how to fill in contact forms:	Yes
Training on how to fill in observable and dwelling information:	Yes
<b>Materials on observable and dwelling information:</b>	
Photos:	Yes
Video-tape recording:	No
If yes to photos used, were these adapted to suit the situation in your country?	No

### 43.3 Employment status of interviewers

Free-lance interviewers:	No
Employees of the fieldwork organisation:	Yes
Other:	No

### 43.4 Payments of interviewers

Hourly rate:	No
Per completed interview:	Yes
Assignment fee (set fee for working on a set of sample units):	No
A regular fixed salary:	No
Bonus arrangement:	Yes
Other:	Yes

#### **If bonus arrangement or other, please specify:**

- Payment for completed paper contact forms
- Prize draw of €100 weekly for Interviewers who achieve most successful completes
- An additional fee for Interviewers who undertook 4 assignments (40 addresses)

### 43.5 Advance information

Use of advance letter:	Yes
Use of brochure:	Yes

### 43.6 Call schedules

First contact by:	Visit
Number of minimum required visits per respondent/sampling unit in total:	6
Number of visits required to be on a weekend:	2



Number of visits required to be in the evening:	2
<b>43.7 Respondent incentives</b>	
Respondent incentives:	Yes
Unconditional monetary incentives, paid before the interview:	No
Conditional monetary incentives, upon completion of the interview:	Yes
Unconditional non-monetary incentives (incl. vouchers), provided before the interview:	No
Conditional non-monetary incentives (incl. vouchers), upon completion of the interview:	No
<b>Other response enhancing measures:</b>	
Use of other response enhancing measures (call-center, web-pages, etc.):	Yes
<b>Description of other response enhancing measures:</b>	
Local radio advertising	
<b>43.8 Strategies for refusal conversion</b>	
Strategies for refusal conversion:	Yes
<b>If yes, please describe:</b>	
We used all the training materials supplied by ESS and spent a considerable time during training educating Interviewers on refusal avoidance. Our company strategy is to send another Interviewer usually different age, gender after a two to three week time lapse to try and convert refusal.	
<b>43.9 Pretest</b>	
The period in which the pretest interviews were held:	27.10.16 - 07.11.16
Number of pretest interviews:	50
<b>Which techniques were used in the pre-test?</b>	
face-to-face interviews (like in the main survey)	Yes
cognitive interviews	No
tape recording of interviews	No
video recording of interviews	No
other, please describe:	
<b>What was the main purpose of the pre-test?</b>	
check the translations	No
check the CAPI script / routing	Yes
check the PAPI questionnaire / routing	No
<b>44 Control operation</b>	
<b>44.1 Interviews</b>	
Number of units selected for back-check:	1390
Number of back-checks achieved:	618
Number of units where outcome was confirmed:	618
Type of back-check: Personal or Telephone:	Telephone
<b>44.2 Refusals</b>	
Number of units selected for back-check:	301
Number of back-checks achieved:	277
Number of units where outcome was confirmed:	245
Type of back-check: Personal, Telephone or Mail:	Personal
<b>44.3 Non-contacts</b>	

Number of units selected for back-check:	73
Number of back-checks achieved:	73
Number of units where outcome was confirmed:	73
Type of back-check: Personal, Telephone or Mail:	Personal

## 45 Cleaning operations

### 45.2 Checking and control of main questionnaire CAPI program(s)

CAPI script was fully checked and tested before fieldwork. Once soft launch was completed, top lines were checked and also data itself for potential filtering/codes errors. Our ISO 20252 procedures were followed.

### 45.3 Verification of optical scanning or keying of main questionnaire

Was the scanning or keying of the main questionnaire checked?:

Approximate proportion of the main questionnaires checked:

### 45.4 Anonymization

#### Techniques used in the assessment of anonymity:

Statistical analysis of key variables, some comparison with external sources

#### Variables included in the assessment of anonymity:

Ancestry, region, household size, ethnicity, father's and mother's country of birth, citizenship, first and second language spoken at home

#### Variables edited to ensure anonymity:

ANCTRY1, ANCTRY2, CTZSHIPC, CNTBRTHC, FBRNCNTB, MBRNCNTB, YRBRN7-YRBRN12, GNDR7-GNDR12, RSHIP7-RSHIP12, HHMMB, MMBRN, LNGHOM2.

#### Method used in anonymization of variables:

Aggregating, restricting upper range, recoding

## 46 Deviations

C21 (CTZSHIPC): For anonymity reasons, a number of substantial responses have been recoded to missing value (99 "No answer") by the national team.

C23 (CNTBRTHC): For anonymity reasons a number of substantial responses have been recoded to missing value (99 "No answer") by the national team.

C25 (LNGHOM2): For anonymity reasons a number of substantial responses have been recoded to 000 "No second language mentioned" by the national team.

C28 (FBRNCNTB): For anonymity reasons a number of substantial responses have been recoded to missing value (99 "No answer") by the national team.

C30 (MBRNCNTB): For anonymity reasons a number of substantial responses have been recoded to missing value (99 "No answer") by the national team.

F1-F4 (HHMMB, GNDR- GNDRN, YRBRN- YRBRNN, RSHIP2- RSHIPAN): For anonymity reasons, the household size (HHMMB) has been reduced for a few substantial responses and the underlying household grid variables (GNDR- GNDRN, YRBRN- YRBRNN, RSHIP2- RSHIPAN) have been assigned a missing value by the national team.

F61 (ANCTRY1, ANCTRY2): The underlying national questionnaire item (showcard) has changed since previous round. For anonymity reasons a few substantial responses have been recoded to missing value (999999 "No answer") by the national team.

## 47 Response rates

### 47.1 Break down of response and non response, main questionnaire

A. Total number of issued sample units (addresses, households or individuals):	4800
B. Refusal by respondent:	540
C. Refusal by proxy, or household or address refusal:	199
D. Refusals by opt-out list:	0
E. No contact (after at least 4 visits):	329
F. Language barrier:	160
G. Respondent ill or incapacitated, unable to co-operate throughout fieldwork period:	244
H. Contact, but no interview for other reasons (broken appointment, respondent unavailable, other reasons):	13
I. Address not traceable:	26
J. Address not residential (institution, business/industrial purpose) / Respondent resides in an institution:	33
K. Address not occupied (not occupied, demolished, not yet built) / Address occupied, but no resident household (weekend or second home):	472
L. Other ineligible address:	1
M. Respondent emigrated/left the country long term (for more than 6 months):	17
N. Respondent deceased:	0
U. Invalid interviews:	9
V. Number of valid interviews:	2757
X. Records in the data file:	2757
Y) Number of sample units not accounted for:	0
Response rate main questionnaire $X/(A-(\text{sum of J,K,L,M,N}))$ :	64.46%

## 48 Estimates of Sampling error

## 49 Weighting

Basic characteristics of the design weight calculation process:

Number of realised stages: 3

Number of initial weights above 4 times the mean: 1

Initial weights above 4: 4,2

IDNOs of initial weights above 4: 3590

DeffP: 1,25

## 50 Other study-related materials

### 50.7 Occupation coding

#### Classification used in coding of occupation:

First coded to a national classification based on ISCO and then bridged to match the ISCO08: No

First coded to a national classification and then bridged to match the ISCO08: No

No previous coding, occupation coded directly into the 4-digit ISCO08: Yes

#### Occupation coding procedures:

When did the coding of occupation for respondent and partner take place:

At the time of the interview: No

Later on: Yes

#### Number of occupation coders:

2

Coding procedures:

Were any occupation strings coded by more than one coder (double coding):	Yes
Was an adjudicator used:	Yes
If yes, was adjudication done:	
by sampling	No
on difficult cases	Yes
Is some kind of automatic/semiautomatic coding used in the coding process:	No

**Short description of coding and checking procedures:**

Two very experienced coders were tasked with this element of the project, and after coding completed they verified each others work.

## Israel

### 33 Data collector

B.I. Cohen Institute for Public Opinion Research

### 34 Depositor

Irit Adler, National coordinators team

### 35 Funding agency

The Council for Higher Education (CHE), The Planning and Budgeting Committee (PBC)

### 36 Grant number

### 37 Mode of data collection

#### 37.1 Main questionnaire

Computer assisted personal interview, CAPI:	No
Paper and pencil interview, PAPI:	Yes

#### 37.2 Contact form questionnaire

Computer assisted personal interview, CAPI:	No
Paper and pencil interview, PAPI:	Yes

### 38 Type of research instrument

**Structured questionnaires in:**  
Hebrew, Arabic and Russian

### 39 Field work period(s)

10.09.16 - 08.02.17

### 40 Geographic unit

Have there been any changes in the region variable (REGIONxx) since the last round?  
Statistical inference possible at the regional level:  
Is your country part of the NUTS nomenclature or Eurostat's statistical regions for EFTA and Candidate countries? No  
NUTS level in data file  
**Geographic units in dataset:**  
Israel

### 41 Geographic coverage

Israel and the Jewish population residing in West-Bank.

### 42 Sampling procedure

Sampling Frame:  
List of statistical areas maintained by the Israeli Central Bureau of Statistics (first stage).  
A statistical area contains around 3,000 residents, on average; List of addresses derived from the national population register (second stage).

#### Sampling Design:

First stage: Statistical areas were divided into 13 strata, defined primarily by predominant religion (8 categories) and, within Jewish Native Secular areas further divided into big, small and central cities and, within each city type, by basic and higher levels of education. The two non-Jewish strata, accounting for around 7.5% of the population, are

over-sampled by a factor of approximately 2.0. Otherwise, allocation of sample to strata is proportional to population size. 250 PSUs were selected with probability proportional to population size (aged 15+).

Second stage: Simple random sample of 14 addresses.

Third stage: One person selected using the last-birthday method.

Remarks:

The sampling frame includes the Jewish population residing in the West Bank. This population numbered approximately 370,700 in 2014 and it is an integral part of Israel society. The Jewish settlers are Israeli citizens fully participating in the Israeli polity (whereas the Palestinian residents of these territories are subjects of the Palestinian Authority and are not part of Israeli society neither by their own definition nor by that of Israelis and are therefore not part of the target population).

**42.1 Use of opt-out list**

Does some kind of opt-out list exist in your country?

No

When does the opt-out list take effect:

## 43 Fieldwork procedures

### 43.1 Interviewer selection

Total number of interviewers:	67
Number of interviewers with previous experience from working with the ESS:	42
Number of interviewers who have not done any face-to-face interviewing work before:	13
Number of interviewers who have not done any interviewing work before (regardless of the survey, mode or sample type):	13

### 43.2 Briefing of interviewers

How many of the interviewers received ESS specific personal briefing?:	67
Total length of ESS specific personal briefing(s) per interviewer:	4-8 hours
Written ESS specific instructions:	Yes
Was the ESS Interviewer Manual provided to interviewers:	Yes
Were the ESS briefing slides used for briefing:	
Was the ESS briefing example interview ("dummy interview") conducted using the guidance provided:	No
Training in refusal conversion:	Yes
Training on how to fill in contact forms:	Yes
Training on how to fill in observable and dwelling information:	Yes
<b>Materials on observable and dwelling information:</b>	
Photos:	Yes
Video-tape recording:	No
If yes to photos used, were these adapted to suit the situation in your country?	Yes

### 43.3 Employment status of interviewers

Free-lance interviewers:	Yes
Employees of the fieldwork organisation:	No
Other:	No

### 43.4 Payments of interviewers

Hourly rate:	No
Per completed interview:	Yes
Assignment fee (set fee for working on a set of sample units):	No
A regular fixed salary:	No
Bonus arrangement:	Yes
Other:	No

### 43.5 Advance information

Use of advance letter:	Yes
Use of brochure:	Yes

### 43.6 Call schedules

First contact by:	Visit
Number of minimum required visits per respondent/sampling unit in total:	5
Number of visits required to be on a weekend:	2
Number of visits required to be in the evening:	3

### 43.7 Respondent incentives

Respondent incentives:	No
------------------------	----

Unconditional monetary incentives, paid before the interview:	No
Conditional monetary incentives, upon completion of the interview:	No
Unconditional non-monetary incentives (incl. vouchers), provided before the interview:	No
Conditional non-monetary incentives (incl. vouchers), upon completion of the interview:	No
<b>Other response enhancing measures:</b>	
Use of other response enhancing measures (call-center, web-pages, etc.):	Yes
<b>Description of other response enhancing measures:</b>	
Special page at the B.I.Cohen web site	

#### 43.8 Strategies for refusal conversion

Strategies for refusal conversion:	Yes
<b>If yes, please describe:</b>	
Refusal conversion telephone conversations form the office.	

#### 43.9 Pretest

The period in which the pretest interviews were held:	27.07.16 - 15.08.16
Number of pretest interviews:	60
<b>Which techniques were used in the pre-test?</b>	
face-to-face interviews (like in the main survey)	Yes
cognitive interviews	No
tape recording of interviews	No
video recording of interviews	No
other, please describe:	
<b>What was the main purpose of the pre-test?</b>	
check the translations	Yes
check the CAPI script / routing	No
check the PAPI questionnaire / routing	Yes

#### 44 Control operation

##### 44.1 Interviews

Number of units selected for back-check:	767
Number of back-checks achieved:	728
Number of units where outcome was confirmed:	278
Type of back-check: Personal or Telephone:	Telephone

##### 44.2 Refusals

Number of units selected for back-check:	35
Number of back-checks achieved:	28
Number of units where outcome was confirmed:	
Type of back-check: Personal, Telephone or Mail:	Telephone

##### 44.3 Non-contacts

Number of units selected for back-check:	35
Number of back-checks achieved:	32
Number of units where outcome was confirmed:	
Type of back-check: Personal, Telephone or Mail:	Personal

#### 45 Cleaning operations

##### 45.2 Checking and control of main questionnaire CAPI program(s)



### 45.3 Verification of optical scanning or keying of main questionnaire

Was the scanning or keying of the main questionnaire checked?:

Approximate proportion of the main questionnaires checked:

### 45.4 Anonymization

#### Techniques used in the assessment of anonymity:

We used statistical analysis based on key variables

#### Variables included in the assessment of anonymity:

ancestry, religion, respondents', father's and mother's country of birth, language spoken at home

#### Variables edited to ensure anonymity:

religion, ancestry, region

#### Method used in anonymization of variables:

Religion: RLGDNM and RLGDNME were aggregated, having now 3 categories:

"Jewish"; "Islam" and "No Answer"

Ancestry: A few minor groups were aggregated to a higher level.

Region: No regional units below country level.

### 46 Deviations

C12 (RLGDNM), C14 (RLGDNME) : For anonymity reasons respondents belonging to other religions than "Jewish" and "Islam" has been coded to 99 "No answer" .

F1-F4 (HHMMB, GNDR- GNDRN, YRBRN- YRBRNN, RSHIPAN2- RSHIPAN):

Information in the household grid variables (GNDR- GNDRN, YRBRN- YRBRNN, RSHIPAN2- RSHIPAN) have only been recorded for up to 12 persons, resulting in inconsistency between HHMMB and the other household grid variables for one record.

F15 (EDULVLB), F15 (EISCED), F44 (EDULVLPB), F44 (EISCEDP), F52 (EDULVLFB), F52 (EISCEDF), F56 (EDULVLMB), F56 (EISCEDM): The underlying national questionnaire items have changed since previous rounds. Please see Appendix 1 Education.

F61 (ANCTRY1 ANCTRY2): The underlying national questionnaire item (showcard) has changed since previous round. For anonymity reasons a number of cases have been aggregated to a higher level.

REGION: No regional units below country level for anonymity reasons.

## 47 Response rates

### 47.1 Break down of response and non response, main questionnaire

A. Total number of issued sample units (addresses, households or individuals):	3500
B. Refusal by respondent:	242
C. Refusal by proxy, or household or address refusal:	402
D. Refusals by opt-out list:	0
E. No contact (after at least 4 visits):	137
F. Language barrier:	34
G. Respondent ill or incapacitated, unable to co-operate throughout fieldwork period:	31
H. Contact, but no interview for other reasons (broken appointment, respondent unavailable, other reasons):	34
I. Address not traceable:	1
J. Address not residential (institution, business/industrial purpose) / Respondent resides in an institution:	15
K. Address not occupied (not occupied, demolished, not yet built) / Address occupied, but no resident household (weekend or second home):	38
L. Other ineligible address:	2
M. Respondent emigrated/left the country long term (for more than 6 months):	7
N. Respondent deceased:	0
U. Invalid interviews:	0
V. Number of valid interviews:	2557
X. Records in the data file:	2557
Y) Number of sample units not accounted for:	0
Response rate main questionnaire $X/(A-(\text{sum of J,K,L,M,N}))$ :	74.37%

## 48 Estimates of Sampling error

## 49 Weighting

Basic characteristics of the design weight calculation process:

Number of realised stages: 3

Number of initial weights above 4 times the mean: 0

Initial weights above 4: -

IDNOs of initial weights above 4: -

DeffP: 1,23

## 50 Other study-related materials

### 50.7 Occupation coding

#### Classification used in coding of occupation:

First coded to a national classification based on ISCO and then bridged to match the ISCO08: No

First coded to a national classification and then bridged to match the ISCO08: No

No previous coding, occupation coded directly into the 4-digit ISCO08: Yes

#### Occupation coding procedures:

When did the coding of occupation for respondent and partner take place:

At the time of the interview: No

Later on: Yes

#### Number of occupation coders:

2

Coding procedures:

Were any occupation strings coded by more than one coder (double coding):	No
Was an adjudicator used:	Yes
If yes, was adjudication done:	
by sampling	Yes
on difficult cases	Yes
Is some kind of automatic/semiautomatic coding used in the coding process:	No

**Short description of coding and checking procedures:**

The coder used ISCO-08 codes for each of the open-ended occupation questions. Difficult/problematic answers were discussed with the yes, was adjudicator. The adjudicator also sampled around 1/3 of each PSU interviews to check the coding.

## Italy

### 33 Data collector

Ipsos s.r.l.

### 34 Depositor

Cristiano Vezzoni, National coordinator.

### 35 Funding agency

Inapp - Istituto nazionale per l'Analisi delle politiche Pubbliche

### 36 Grant number

### 37 Mode of data collection

#### 37.1 Main questionnaire

Computer assisted personal interview, CAPI: Yes

Paper and pencil interview, PAPI: No

#### 37.2 Contact form questionnaire

Computer assisted personal interview, CAPI: Yes

Paper and pencil interview, PAPI: No

### 38 Type of research instrument

#### Structured questionnaires in:

Italian

### 39 Field work period(s)

11.09.17 - 19.11.17

### 40 Geographic unit

Have there been any changes in the region variable (REGIONxx) since the last round? No

Statistical inference possible at the regional level: No

Is your country part of the NUTS nomenclature or Eurostat's statistical regions for EFTA and Candidate countries? Yes

#### Suggested grouping of the regional categories:

Referring to NUTS1

NUTS level in data file NUTS 2

#### Geographic units in dataset:

ITC1 - Piemonte

ITC2 - Valle d'Aosta

ITC3 - Liguria

ITC4 - Lombardia

ITH1 - Trentino-Alto Adige/Südtirol - Bolzano/Bozen

ITH2 - Trentino-Alto Adige/Südtirol - Trento

ITH3 - Veneto

ITH4 - Friuli-Venezia Giulia

ITH5 - Emilia-Romagna

IT11 - Toscana

IT12 - Umbria

IT13 - Marche

IT14 - Lazio

ITF1 - Abruzzo

ITF2 - Molise  
ITF3 - Campania  
ITF4 - Puglia  
ITF5 - Basilicata  
ITF6 - Calabria  
ITG1 - Sicilia  
ITG2 - Sardegna

#### **41 Geographic coverage**

Italy

#### **42 Sampling procedure**

Sampling frame: Public register of individuals ( Liste Anagrafiche Comunali – LAC) is the list of people resident in Italy. The LAC is acquired by ISTAT, the National Institute of Statistics, from the municipality, with a continuous update. The LAC covers all people resident in Italy.

Sampling Design: 2-domain design.

The first sampling domain consists of the 9 biggest municipalities within Italy. Here a one-stage sampling design is used, where a total of 770 persons were sampled by simple random stratified sampling from the LAC from each municipality in domain 1. The allocation of the sample size was proportional to target population within the strata.

The second sampling domains consist of all municipalities that are not included in the first domain. Here a two-stage sampling design is used. At the first stage, 163 municipalities were selected as Primary Sampling Units (PSUs) by stratified sample. The stratification was done by the crossing of two variables, Geographical area (NUTS-1) and demographic size class of the resident population aged 15 and over (4 classes). The allocation of the PSU sample to the strata was proportional to target population within the strata. At the second stage, 29 persons were selected from each sampled municipality using a simple random sample.

##### **42.1 Use of opt-out list**

Does some kind of opt-out list exist in your country?

No

When does the opt-out list take effect:

## 43 Fieldwork procedures

### 43.1 Interviewer selection

Total number of interviewers:	199
Number of interviewers with previous experience from working with the ESS:	0
Number of interviewers who have not done any face-to-face interviewing work before:	0
Number of interviewers who have not done any interviewing work before (regardless of the survey, mode or sample type):	0

### 43.2 Briefing of interviewers

How many of the interviewers received ESS specific personal briefing?:	199
Total length of ESS specific personal briefing(s) per interviewer:	4-8 hours
Written ESS specific instructions:	Yes
Was the ESS Interviewer Manual provided to interviewers:	Yes
Were the ESS briefing slides used for briefing:	Yes
Was the ESS briefing example interview ("dummy interview") conducted using the guidance provided:	Yes
Training in refusal conversion:	Yes
Training on how to fill in contact forms:	Yes
Training on how to fill in observable and dwelling information:	Yes
<b>Materials on observable and dwelling information:</b>	
Photos:	Yes
Video-tape recording:	No
If yes to photos used, were these adapted to suit the situation in your country?	No

### 43.3 Employment status of interviewers

Free-lance interviewers:	Yes
Employees of the fieldwork organisation:	No
Other:	No

### 43.4 Payments of interviewers

Hourly rate:	No
Per completed interview:	Yes
Assignment fee (set fee for working on a set of sample units):	No
A regular fixed salary:	No
Bonus arrangement:	Yes
Other:	No

#### **If bonus arrangement or other, please specify:**

Interviewers got a bonus payment if their response rate was over the target rate +  
Interviewers received additional bonuses when completing re-issued "difficult" cases.

### 43.5 Advance information

Use of advance letter:	Yes
Use of brochure:	No

### 43.6 Call schedules

First contact by:	Visit
Number of minimum required visits per respondent/sampling unit in total:	8
Number of visits required to be on a weekend:	1
Number of visits required to be in the evening:	1

### 43.7 Respondent incentives

Respondent incentives:	Yes
Unconditional monetary incentives, paid before the interview:	No
Conditional monetary incentives, upon completion of the interview:	No
Unconditional non-monetary incentives (incl. vouchers), provided before the interview:	No
Conditional non-monetary incentives (incl. vouchers), upon completion of the interview:	Yes

**Please specify:**

Vouchers corresponding to the value of 15 Euros

**Other response enhancing measures:**

Use of other response enhancing measures (call-center, web-pages, etc.):	Yes
--	-----

**Description of other response enhancing measures:**

- 24h helpdesk via email
- daily phone helpdesk for respondents active from Monday to Friday from 9.30 am to 7.30 pm
- daily phone helpdesk for interviewers active from Monday to Friday from 9 am to 6 pm
- interviewers personally contacted municipal offices or local police offices to inform authorities about the activity of data collection

After interviews:

- for interviewers: personal "thank you" card signed by the President of Ipsos and the Responsible of the Fieldwork to the interviewers who achieved the best performances
- for respondents: participation certificate signed by the President of Ipsos

### 43.8 Strategies for refusal conversion

Strategies for refusal conversion:	Yes
------------------------------------	-----

**If yes, please describe:**

For interviewers:

- use of "tutors" (most skilled interviewers) in assistance to the interviewers who were facing problems in reaching their minimal targets. The tutors did not carried out interviews, they were just in support of the colleagues
- substitution of the interviewer, following specific requests of the respondent (e.g. preference for a male/female interviewer)
- use of "jolly" interviewers (best performing interviewers). Jolly's were added to the original group of interviewers in specific contexts and territories where specific problems were detected. Jolly's worked in pair with the supported interviewers, participating to the administration of the interview.

For respondents:

- direct phone call from the Ipsos's headquarter to respondents who refused
- issuing of a second personalised advance letter (including the name of the interviewer) signed by the president of Ipsos asking for cooperation

### 43.9 Pretest

The period in which the pretest interviews were held:	28.07.17 - 31.07.17
Number of pretest interviews:	31
<b>Which techniques were used in the pre-test?</b>	
face-to-face interviews (like in the main survey)	Yes
cognitive interviews	Yes
tape recording of interviews	Yes
video recording of interviews	Yes
other, please describe:	
<b>What was the main purpose of the pre-test?</b>	

check the translations	Yes
check the CAPI script / routing	Yes
check the PAPI questionnaire / routing	No

#### 44 Control operation

##### 44.1 Interviews

Number of units selected for back-check:	503
Number of back-checks achieved:	283
Number of units where outcome was confirmed:	283
Type of back-check: Personal or Telephone:	Telephone

##### 44.2 Refusals

Number of units selected for back-check:	988
Number of back-checks achieved:	288
Number of units where outcome was confirmed:	288
Type of back-check: Personal, Telephone or Mail:	Personal, Telephone

##### 44.3 Non-contacts

Number of units selected for back-check:	474
Number of back-checks achieved:	102
Number of units where outcome was confirmed:	102
Type of back-check: Personal, Telephone or Mail:	Personal, Telephone

#### 45 Cleaning operations

##### 45.2 Checking and control of main questionnaire CAPI program(s)

Each section of the questionnaire was sent out after completion of the programming to a pool of researchers belonging to the ESS Italian team. Each of them supplied feedbacks on

a) correspondence of the text of the questions in the CAPI program with the original formulation in the questionnaire;

b) routing.

The CAPI program was further checked during the pilot interviews.

##### 45.3 Verification of optical scanning or keying of main questionnaire

Was the scanning or keying of the main questionnaire checked?:

Approximate proportion of the main questionnaires checked:

##### 45.4 Anonymization

###### Techniques used in the assessment of anonymity:

Statistical analyses based on key variables. Frequencies taking into account the size of regional breakdown.

###### Variables included in the assessment of anonymity:

ANCTRY1 ANCTRY2 ISCO08 ISCO08P CTZSHIPC CNTBRTHC FBRNCNTB

MBRNCNTB

EDULVLB EDULVLFB EDULVLMB LIVECNTA

YRBRN TO YRBRN14

LNGHOM1 LNGHOM2 HHMMB MMBRN GNDR TO GNDR14

###### ANONYMIZATION ISSUES

ANCTRY1 ANCTRY2 CTZSHIPC CNTBRTHC FBRNCNTB MBRNCNTB:

several categories have either 1 or 2 individuals.



**Variables edited to ensure anonymity:**

ANCTRY1 ANCTRY2 CTZSHIPC CNTBRTHC FBRNCNTB MBRNCNTB

**Method used in anonymization of variables:**

Variables ANCTRY1 ANCTRY2

\*\* ANCTRY1 "F61|First ancestry, European Standard Classification of Cultural and Ethnic Groups"

\*\* ANCTRY2 "F61|Second ancestry, European Standard Classification of Cultural and Ethnic Groups"

**ANONYMIZATION ACTION:**

Categories with 1 or 2 observations (approx. 1.6% of the observations) aggregated to 2 digit code.

Variables CTZSHIPC CNTBRTHC FBRNCNTB MBRNCNTB

**ANONYMIZATION ACTION**

Categories with 1 or 2 observations (< 2% of the observations) suppressed (recoded to "NO ANSWER").

**46 Deviations**

C21 (CTZSHIPC): For anonymity reasons a few substantial responses (less than 2%) have been recoded to missing value (99 "No answer") by the national team.

C23 (CNTBRTHC): For anonymity reasons a few substantial responses (less than 2%) have been recoded to missing value (99 "No answer") by the national team.

C28 (FBRNCNTB): For anonymity reasons a few substantial responses (less than 2%) have been recoded to missing value (99 "No answer") by the national team.

C30 (MBRNCNTB): For anonymity reasons a few substantial responses (less than 2%) have been recoded to missing value (99 "No answer") by the national team.

F61 (ANCTRY1 - ANCTRY2) : For anonymity reasons a few cases (less than 2%) has been aggregated to a higher level (two digits).

## 47 Response rates

### 47.1 Break down of response and non response, main questionnaire

A. Total number of issued sample units (addresses, households or individuals):	5497
B. Refusal by respondent:	1186
C. Refusal by proxy, or household or address refusal:	423
D. Refusals by opt-out list:	0
E. No contact (after at least 4 visits):	547
F. Language barrier:	42
G. Respondent ill or incapacitated, unable to co-operate throughout fieldwork period:	144
H. Contact, but no interview for other reasons (broken appointment, respondent unavailable, other reasons):	241
I. Address not traceable:	70
J. Address not residential (institution, business/industrial purpose) / Respondent resides in an institution:	21
K. Address not occupied (not occupied, demolished, not yet built) / Address occupied, but no resident household (weekend or second home):	37
L. Other ineligible address:	25
M. Respondent emigrated/left the country long term (for more than 6 months):	92
N. Respondent deceased:	43
U. Invalid interviews:	0
V. Number of valid interviews:	2626
X. Records in the data file:	2626
Y) Number of sample units not accounted for:	0
Response rate main questionnaire $X/(A-(\text{sum of J,K,L,M,N}))$ :	49.74%

## 48 Estimates of Sampling error

## 49 Weighting

Basic characteristics of the design weight calculation process:

Number of realised stages: 2

Number of initial weights above 4 times the mean: 0

Initial weights above 4: -

IDNOs of initial weights above 4: -

DeffP: 1,00

## 50 Other study-related materials

### 50.7 Occupation coding

#### Classification used in coding of occupation:

First coded to a national classification based on ISCO and then bridged to match the ISCO08: No

First coded to a national classification and then bridged to match the ISCO08: No

No previous coding, occupation coded directly into the 4-digit ISCO08: Yes

#### Occupation coding procedures:

When did the coding of occupation for respondent and partner take place:

At the time of the interview: No

Later on: Yes

#### Number of occupation coders:

1

Coding procedures:

Were any occupation strings coded by more than one coder (double coding): No  
Was an adjudicator used: No  
If yes, was adjudication done:  
by sampling  
on difficult cases  
Is some kind of automatic/semiautomatic coding used in the coding process:

**Short description of coding and checking procedures:**

The project leader at the survey agency (Ipsos) instructed the chief coder of the agency, who took care of the briefing of the actual coder.

The project leader supervised regularly the coding exercise and was consulted when doubts or problems arose in individual cases.

## Lithuania

### 33 Data collector

UAB Baltijos tyrimai, Smolensko 10A, Vilnius 03201, Lithuania

### 34 Depositor

Vaidas Morkevicius, National Coordinator

### 35 Funding agency

Ministry of Education and Science of Lithuania and Research Council of Lithuania

### 36 Grant number

MTI01/14

### 37 Mode of data collection

#### 37.1 Main questionnaire

Computer assisted personal interview, CAPI:	No
Paper and pencil interview, PAPI:	Yes

#### 37.2 Contact form questionnaire

Computer assisted personal interview, CAPI:	No
Paper and pencil interview, PAPI:	Yes

### 38 Type of research instrument

**Structured questionnaires in:**  
Lithuanian and Russian

### 39 Field work period(s)

04.10.17 - 28.12.17

### 40 Geographic unit

Have there been any changes in the region variable (REGIONxx) since the last round?	No
Statistical inference possible at the regional level:	Yes
Is your country part of the NUTS nomenclature or Eurostat's statistical regions for EFTA and Candidate countries?	Yes
NUTS level in data file	3

#### **Geographic units in dataset:**

LT001 - Alytaus apskritis  
LT002 - Kauno apskritis  
LT003 - Klaipėdos apskritis  
LT004 - Marijampolės apskritis  
LT005 - Panevezio apskritis  
LT006 - Šiaulių apskritis  
LT007 - Tauragės apskritis  
LT008 - Telsių apskritis  
LT009 - Utenos apskritis  
LT00A - Vilniaus apskritis

### 41 Geographic coverage

Lithuania

### 42 Sampling procedure

Sampling frame: The Address register of the Republic of Lithuania. It is renewed 2 times every month. A version updated in October 2016 was used.

Sampling Design: 2-domain design.

1st Sampling Domain: The 54 settlements (7 biggest cities and other towns including suburbs) that have a total population of 5 000 or more, (that is 65.11% of the population aged 15 and over).

Sampling Design: 3-stage design:

At the first stage address are selected by a stratified sampled. The stratification is based on the 7 biggest cities with a population larger than 40 000 and the 10 counties of Lithuania. The selection within the strata is done by a simple random sampling.

At the second stage one household is selected, where necessary, from each sampled address with equal probability using a Kish Grid. In practice, there was only one sampled address where this was necessary.

At the third stage, one person is selected from each sampled household using the last birthday method.

2nd Sampling Domain: The rest of settlements that include small towns and villages.

Sampling Design: 4-stage design:

At the first stage, 167 Elderships, the smallest local administrative units (LAU2 – Eurostat, with a known population aged 15 and over) are selected by a stratified sample. The stratification is based on counties. The selection within the strata is done with probability proportional to the population aged 15+ in the Elderships.

At the second stage 8 addresses are selected from each sampled Eldership by a simple random sample.

At third stage one household is selected, where necessary, from each sampled address with equal probability using a Kish Grid. There was only one sampled address where this was necessary.

At the fourth stage, one person is selected from each sampled household using the last birthday method.

#### **42.1 Use of opt-out list**

Does some kind of opt-out list exist in your country?

No

When does the opt-out list take effect:

## 43 Fieldwork procedures

### 43.1 Interviewer selection

Total number of interviewers:	144
Number of interviewers with previous experience from working with the ESS:	104
Number of interviewers who have not done any face-to-face interviewing work before:	0
Number of interviewers who have not done any interviewing work before (regardless of the survey, mode or sample type):	0

### 43.2 Briefing of interviewers

How many of the interviewers received ESS specific personal briefing?:	144
Total length of ESS specific personal briefing(s) per interviewer:	4-8 hours
Written ESS specific instructions:	Yes
Was the ESS Interviewer Manual provided to interviewers:	Yes
Were the ESS briefing slides used for briefing:	Yes
Was the ESS briefing example interview ("dummy interview") conducted using the guidance provided:	No
Training in refusal conversion:	Yes
Training on how to fill in contact forms:	Yes
Training on how to fill in observable and dwelling information:	Yes
<b>Materials on observable and dwelling information:</b>	
Photos:	Yes
Video-tape recording:	No
If yes to photos used, were these adapted to suit the situation in your country?	Yes

### 43.3 Employment status of interviewers

Free-lance interviewers:	Yes
Employees of the fieldwork organisation:	No
Other:	No

### 43.4 Payments of interviewers

Hourly rate:	No
Per completed interview:	Yes
Assignment fee (set fee for working on a set of sample units):	No
A regular fixed salary:	No
Bonus arrangement:	No
Other:	No

### 43.5 Advance information

Use of advance letter:	Yes
Use of brochure:	Yes

### 43.6 Call schedules

First contact by:	Visit
Number of minimum required visits per respondent/sampling unit in total:	4
Number of visits required to be on a weekend:	1
Number of visits required to be in the evening:	1

### 43.7 Respondent incentives

Respondent incentives:	No
------------------------	----

Unconditional monetary incentives, paid before the interview:	No
Conditional monetary incentives, upon completion of the interview:	No
Unconditional non-monetary incentives (incl. vouchers), provided before the interview:	No
Conditional non-monetary incentives (incl. vouchers), upon completion of the interview:	No
<b>Other response enhancing measures:</b>	
Use of other response enhancing measures (call-center, web-pages, etc.):	Yes
<b>Description of other response enhancing measures:</b>	
Telephone number of the NC team and survey organization was distributed with the advance letters and the brochure.	

#### 43.8 Strategies for refusal conversion

Strategies for refusal conversion:	Yes
<b>If yes, please describe:</b>	
The same or more experienced interviewer was sent to the households with some of the soft refusals.	

#### 43.9 Pretest

The period in which the pretest interviews were held:	25.04.17 - 10.05.17
Number of pretest interviews:	60
<b>Which techniques were used in the pre-test?</b>	
face-to-face interviews (like in the main survey)	Yes
cognitive interviews	No
tape recording of interviews	Yes
video recording of interviews	No
other, please describe:	
<b>What was the main purpose of the pre-test?</b>	
check the translations	Yes
check the CAPI script / routing	No
check the PAPI questionnaire / routing	Yes

#### 44 Control operation

##### 44.1 Interviews

Number of units selected for back-check:	230
Number of back-checks achieved:	214
Number of units where outcome was confirmed:	214
Type of back-check: Personal or Telephone:	Telephone

##### 44.2 Refusals

Number of units selected for back-check:	65
Number of back-checks achieved:	54
Number of units where outcome was confirmed:	54
Type of back-check: Personal, Telephone or Mail:	Personal

##### 44.3 Non-contacts

Number of units selected for back-check:	55
Number of back-checks achieved:	55
Number of units where outcome was confirmed:	55
Type of back-check: Personal, Telephone or Mail:	Personal

## 45 Cleaning operations

### 45.2 Checking and control of main questionnaire CAPI program(s)

#### 45.3 Verification of optical scanning or keying of main questionnaire

Was the scanning or keying of the main questionnaire checked?:	Yes
Approximate proportion of the main questionnaires checked:	10 %

#### 45.4 Anonymization

##### Techniques used in the assessment of anonymity:

Cross-tabulations of key variables and manual inspection of potential risks for anonymity (single individuals in cells with easily identifiable characteristics: place of residence, religion, ancestry, origins, citizenship, occupation, industry, exact age, household composition)

##### Variables included in the assessment of anonymity:

Household composition (F1, F3), education (F15, F44), main activity (F17a, F45a) and occupation (ISCO08 respondent and partner), industry (NACER2) and establishment size (F24).

Ancestry vs. religion (C12, C14), origins (C20-C30), region of residence (NUTS3) and domicile (F14), household composition (F1, F3), education (F15, F44), main activity (F17a, F45a) and occupation (ISCO08 respondent and partner), industry (NACER2) and establishment size (F24).

Citizenship vs. religion (C12, C14), origins (C22-C30) and ancestry (F61), region of residence (NUTS3) and domicile (F14), household composition (F1, F3), education (F15, F44), main activity (F17a, F45a) and occupation (ISCO08 respondent and partner), industry (NACER2) and establishment size (F24).

Place of birth vs. religion (C12, C14), origins (C20,C21,C25-C30) and ancestry (F61), region of residence (NUTS3) and domicile (F14), household composition (F1, F3), education (F15, F44), main activity (F17a, F45a) and occupation (ISCO08 respondent and partner), industry (NACER2) and establishment size (F24).

Language vs. religion (C12, C14), origins (C20-C24,C26-C30) and ancestry (F61), region of residence (NUTS3) and domicile (F14), household composition (F1, F3), education (F15, F44), main activity (F17a, F45a) and occupation (ISCO08 respondent and partner), industry (NACER2) and establishment size (F24).

Household composition vs. religion (C12, C14), origins (C20-C30) and ancestry (F61), region of residence (NUTS3) and domicile (F14), education (F15, F44), main activity (F17a, F45a) and occupation (ISCO08 respondent and partner), industry (NACER2) and establishment size (F24).

Main activity vs. religion (C12, C14), origins (C20-C30) and ancestry (F61), region of residence (NUTS3) and domicile (F14), household composition (F1, F3), education (F15, F44), occupation (ISCO08 respondent and partner), industry (NACER2) and establishment size (F24).

Occupation vs. religion (C12, C14), origins (C20-C30) and ancestry (F61), region of residence (NUTS3) and domicile (F14), household composition (F1, F3), education (F15, F44), main activity (F17a, F45a), industry (NACER2) and establishment size (F24).

Industry vs. religion (C12, C14), origins (C20-C30) and ancestry (F61), region of residence (NUTS3) and domicile (F14), household composition (F1, F3), education (F15, F44), main activity (F17a, F45a) and occupation (ISCO08 respondent and partner), establishment size (F24).

##### Variables edited to ensure anonymity:

RLGDNM (C12), RLGDNME (C14), CTZSHIPC (C21), CNTBRTHC (C23), LIVECNTA (C24), LNGHOM1 (C25), LNGHOM2 (C25), FBRNCNTB (C28), MBRNCNTB (C30), ANCTRY1 (F61), ANCTRY2(F61), ANC1LT (F61), ANC2LT (F61), GNDR-GNDRN (F2), YRBRN-YRBRNN (F3), RSHIPA2-RSHIPAN (F4), ISCO08 (F33-F34a), ISCO08P (F47-



F49).

**Method used in anonymization of variables:**

Aggregation to 2- or 3-digits: ISCO08 (F33-F34a), ISCO08P (F47-F49)

Recoding to missing values ("No answer"): RLGDNM (C12), RLGDNME (C14), CTZSHIPC (C21), CNTBRTHC (C23), LIVECNTA (C24), LNGHOM1 (C25), LNGHOM2 (C25), FBRNCNTB (C28), MBRNCNTB (C30), ANCTRY1 (F61), ANCTRY2(F61), ANC1LT (F61), ANC2LT (F61), GNDR-GNDRN (F2), YRBRN-YRBRNN (F3), RSHIPA2-RSHIPAN (F4)

**46 Deviations**

C12 (RLGDNM, RLGDNLT): For anonymity reasons a number of substantial responses have been recoded to missing value (99 "No answer") by the national team.

C14 (RLGDNME, RLGDELTA): For anonymity reasons a number of substantial responses have been recoded to missing value (99 "No answer") by the national team.

C21 (CTZSHIPC): For anonymity reasons a few substantial responses have been recoded to missing value (99 "No answer") by the national team.

C23 (CNTBRTHC): For anonymity reasons a few substantial responses have been recoded to missing value (99 "No answer") by the national team.

C25 (LNGHOM1, LNGHOM2): For anonymity reasons a number of substantial responses have been recoded to missing value (99 "No answer") by the national team.

C28 (FBRNCNTB): For anonymity reasons a number of substantial responses have been recoded to missing value (99 "No answer") by the national team.

C30 (MBRNCNTB): For anonymity reasons a few substantial responses have been recoded to missing value (99 "No answer") by the national team.

F2-F4 ( GNDR- GNDRN, YRBRN- YRBRNN, RSHIPA2- RSHIPAN): For anonymity reasons, a few substantial responses of the household grid variables have been recoded to missing value by the national team.

F33-34a (ISCO08): For anonymity reasons a number of substantial responses have been rounded to more common occupations by the national team.

F47-49 (ISCO08P): For anonymity reasons a number of substantial responses have been rounded to more common occupations by the national team.

F61 (ANCTRY1 and ANCTRY2): The underlying national questionnaire item (showcard) has changed since previous round. For anonymity reasons a number of substantial responses have been recoded to missing value (999999 "No answer") by the national team.

## 47 Response rates

### 47.1 Break down of response and non response, main questionnaire

A. Total number of issued sample units (addresses, households or individuals):	3827
B. Refusal by respondent:	292
C. Refusal by proxy, or household or address refusal:	707
D. Refusals by opt-out list:	0
E. No contact (after at least 4 visits):	76
F. Language barrier:	1
G. Respondent ill or incapacitated, unable to co-operate throughout fieldwork period:	11
H. Contact, but no interview for other reasons (broken appointment, respondent unavailable, other reasons):	11
I. Address not traceable:	85
J. Address not residential (institution, business/industrial purpose) / Respondent resides in an institution:	238
K. Address not occupied (not occupied, demolished, not yet built) / Address occupied, but no resident household (weekend or second home):	259
L. Other ineligible address:	5
M. Respondent emigrated/left the country long term (for more than 6 months):	8
N. Respondent deceased:	3
U. Invalid interviews:	0
V. Number of valid interviews:	2122
X. Records in the data file:	2122
Y) Number of sample units not accounted for:	0
Response rate main questionnaire $X/(A-(\text{sum of J,K,L,M,N}))$ :	64.03%

## 48 Estimates of Sampling error

## 49 Weighting

Basic characteristics of the design weight calculation process:

Number of realised stages: 4

Number of initial weights above 4 times the mean: 13

Initial weights above 4: 4.26, 4.29, 4.39, 4.39, 4.39, 4.79, 4.79, 4.87, 4.87, 4.90, 5.05, 6.59, 7.11

IDNOs of initial weights above 4: - 965, 1522, 573, 572, 571, 584, 398, 745, 743, 1670, 685, 569, 963

DeffP: 1,34

## 50 Other study-related materials

### 50.7 Occupation coding

#### Classification used in coding of occupation:

First coded to a national classification based on ISCO and then bridged to match the ISCO08: No

First coded to a national classification and then bridged to match the ISCO08: No

No previous coding, occupation coded directly into the 4-digit ISCO08: Yes

#### Occupation coding procedures:

When did the coding of occupation for respondent and partner take place:

At the time of the interview: No

Later on: Yes

#### Number of occupation coders:

1

Coding procedures:

Were any occupation strings coded by more than one coder (double coding): No

Was an adjudicator used: Yes

If yes, was adjudication done:

by sampling No

on difficult cases Yes

Is some kind of automatic/semiautomatic coding used in the coding process: No

**Short description of coding and checking procedures:**

Occupation coding was done by an experienced staff member at the fieldwork organization after the fieldwork was finished. Both respondent and partner occupation coding was cross-checked and coding mistakes corrected (adjudication performed where needed) by the NC and another researcher from the national team (both were working on occupation coding in previous rounds).

## Netherlands

### 33 Data collector

KANTAR (previously TNS NIPO & Bureau Veldkamp), Grote Bickersstraat 74, 1013 KS  
Amsterdam, Netherlands

### 34 Depositor

Roza Meuleman, National Coordinator

### 35 Funding agency

The Netherlands Organisation for Scientific Research (NWO)

### 36 Grant number

471-00-280

### 37 Mode of data collection

#### 37.1 Main questionnaire

Computer assisted personal interview, CAPI: Yes

Paper and pencil interview, PAPI: No

#### 37.2 Contact form questionnaire

Computer assisted personal interview, CAPI: Yes

Paper and pencil interview, PAPI: No

### 38 Type of research instrument

#### Structured questionnaires in:

Dutch

### 39 Field work period(s)

01.09.16 - 31.01.17

### 40 Geographic unit

Have there been any changes in the region variable (REGIONxx) since the last round? No

Statistical inference possible at the regional level: Yes

Is your country part of the NUTS nomenclature or Eurostat's statistical regions for EFTA  
and Candidate countries? Yes

NUTS level in data file 2

#### Geographic units in dataset:

NL11 GRONINGEN

NL12 FRIESLAND

NL13 DRENTHE

NL21 OVERIJSEL

NL22 GELDERLAND

NL23 FLEVOLAND

NL31 UTRECHT

NL32 NOORD-HOLLAND

NL33 ZUID-HOLLAND

NL34 ZEELAND

NL41 NOORD-BRABANT

NL42 LIMBURG

### 41 Geographic coverage

Netherlands

#### **42 Sampling procedure**

Sampling Frame:

The Postaal Afgiftenpuntenbestand provided by the Cendris, a subsidiary of the Dutch Postal Service. Corrected for office buildings etc., and enriched where possible with information on inhabitants. Most up-to-date and most exhaustive source of postal delivery are used. P.O. boxes, companies, amusement parks etc. are removed. Circa 60% of the addresses can be enriched with name/telephone number information from other public sources. This was done in order to increase the personalised character of the first approach.

Sampling Design:

A three stage sampling design is used.

At the first stage Postal Delivery Points (PDP) were selected from the Postaal Afgiftenpuntenbestand by a Simple Random Sample.

At the second stage one household was selected from each sampled PDP using a Kish Grid, where necessary.

At the third stage one person was selected from each sampled household using the last birthday method.

##### **42.1 Use of opt-out list**

Does some kind of opt-out list exist in your country?

No

When does the opt-out list take effect:

## 43 Fieldwork procedures

### 43.1 Interviewer selection

Total number of interviewers:	118
Number of interviewers with previous experience from working with the ESS:	80
Number of interviewers who have not done any face-to-face interviewing work before:	9
Number of interviewers who have not done any interviewing work before (regardless of the survey, mode or sample type):	9

### 43.2 Briefing of interviewers

How many of the interviewers received ESS specific personal briefing?:	118
Total length of ESS specific personal briefing(s) per interviewer:	4 hours or less
Written ESS specific instructions:	Yes
Was the ESS Interviewer Manual provided to interviewers:	No
Were the ESS briefing slides used for briefing:	Yes
Was the ESS briefing example interview ("dummy interview") conducted using the guidance provided:	Yes
Training in refusal conversion:	Yes
Training on how to fill in contact forms:	Yes
Training on how to fill in observable and dwelling information:	Yes
<b>Materials on observable and dwelling information:</b>	
Photos:	Yes
Video-tape recording:	No
If yes to photos used, were these adapted to suit the situation in your country?	No

### 43.3 Employment status of interviewers

Free-lance interviewers:	Yes
Employees of the fieldwork organisation:	No
Other:	No

### 43.4 Payments of interviewers

Hourly rate:	No
Per completed interview:	Yes
Assignment fee (set fee for working on a set of sample units):	No
A regular fixed salary:	No
Bonus arrangement:	Yes
Other:	Yes

#### **If bonus arrangement or other, please specify:**

If bonus arrangement or other, please specify:

- Fixed amount per achieved interview; fixed amount is higher for interviews in re-approach.
- Fixed amount per completed contact form, regardless of outcome.
- Variable travel and travel time compensation based on kilometers made, regardless outcome.
- Lottery, every interview is a lottery number (done twice)
- Vouchers for 5 or more interviews in a two-week period (done twice)

### 43.5 Advance information

Use of advance letter:	Yes
Use of brochure:	Yes

#### 43.6 Call schedules

First contact by:	Visit
Number of minimum required visits per respondent/sampling unit in total:	4
Number of visits required to be on a weekend:	1
Number of visits required to be in the evening:	1

#### 43.7 Respondent incentives

Respondent incentives:	Yes
Unconditional monetary incentives, paid before the interview:	No
Conditional monetary incentives, upon completion of the interview:	Yes
Unconditional non-monetary incentives (incl. vouchers), provided before the interview:	No
Conditional non-monetary incentives (incl. vouchers), upon completion of the interview:	No

**Please specify:**

We used conditional incentives. Respondents who participated received a (conditional) monetary incentive of 20 euros. Furthermore, we reserved extra budget to re-issue respondents (40 euros after participating after second attempt (instead of 30 euros, due to the low response rates during fieldwork), and 50 euros at the third attempt).

**Other response enhancing measures:**

Use of other response enhancing measures (call-center, web-pages, etc.):	Yes
--	-----

**Description of other response enhancing measures:**

Free telephone number for respondents to call helpdesk/information center.

E-mail address for respondents for more information on survey.

Newsletters sent to interviewers to keep them informed on the fieldwork status and to provide additional instructions.

#### 43.8 Strategies for refusal conversion

Strategies for refusal conversion:	Yes
------------------------------------	-----

**If yes, please describe:**

Arguments on how to persuade respondents to participate were provided during interviewer briefings. Several contact situations were discussed with the interviewers.

In the second round, refusals and non-contacts were again visited by different (best performing) interviewers. These respondents received an advance postcard and the (conditional) incentive was increased from 20 euros to 40 (instead of 30, due to the low response rates during fieldwork) euros.

In the third round, refusals and non-contacts received another letter with a reply card. In this last round, respondents could send in the reply card if they wanted to be interviewed.

The conditional incentive was increased to 50 euros.

#### 43.9 Pretest

The period in which the pretest interviews were held:	14.08.16 - 24.08.16
---	---------------------

Number of pretest interviews:	50
-------------------------------	----

**Which techniques were used in the pre-test?**

face-to-face interviews (like in the main survey)	Yes
---	-----

cognitive interviews	No
----------------------	----

tape recording of interviews	No
------------------------------	----

video recording of interviews	No
-------------------------------	----

other, please describe:

**What was the main purpose of the pre-test?**

check the translations	No
------------------------	----

check the CAPI script / routing	Yes
---------------------------------	-----

check the PAPI questionnaire / routing No

#### 44 Control operation

##### 44.1 Interviews

Number of units selected for back-check:	223
Number of back-checks achieved:	176
Number of units where outcome was confirmed:	176
Type of back-check: Personal or Telephone:	T

##### 44.2 Refusals

Number of units selected for back-check:	1364
Number of back-checks achieved:	71
Number of units where outcome was confirmed:	71
Type of back-check: Personal, Telephone or Mail:	M

##### 44.3 Non-contacts

Number of units selected for back-check:	
Number of back-checks achieved:	
Number of units where outcome was confirmed:	
Type of back-check: Personal, Telephone or Mail:	

#### 45 Cleaning operations

##### 45.2 Checking and control of main questionnaire CAPI program(s)

##### 45.3 Verification of optical scanning or keying of main questionnaire

Was the scanning or keying of the main questionnaire checked?:  
Approximate proportion of the main questionnaires checked:

##### 45.4 Anonymization

###### Techniques used in the assessment of anonymity:

All data files were checked on possible identification of a respondent. No identifying variables such as postal code, names or other personal data were present in the files. In the open answers all names (from persons, companies, etc.) were removed. In conclusion, no anonymity measures were required.

###### Variables edited to ensure anonymity:

None

#### 46 Deviations

F61 (ANCTRY1, ANCTRY2): The underlying national questionnaire item (showcard) has changed since previous round.



## 47 Response rates

### 47.1 Break down of response and non response, main questionnaire

A. Total number of issued sample units (addresses, households or individuals):	3370
B. Refusal by respondent:	584
C. Refusal by proxy, or household or address refusal:	439
D. Refusals by opt-out list:	0
E. No contact (after at least 4 visits):	216
F. Language barrier:	92
G. Respondent ill or incapacitated, unable to co-operate throughout fieldwork period:	52
H. Contact, but no interview for other reasons (broken appointment, respondent unavailable, other reasons):	96
I. Address not traceable:	12
J. Address not residential (institution, business/industrial purpose) / Respondent resides in an institution:	67
K. Address not occupied (not occupied, demolished, not yet built) / Address occupied, but no resident household (weekend or second home):	114
L. Other ineligible address:	17
M. Respondent emigrated/left the country long term (for more than 6 months):	0
N. Respondent deceased:	0
U. Invalid interviews:	0
V. Number of valid interviews:	1681
X. Records in the data file:	1681
Y) Number of sample units not accounted for:	0
Response rate main questionnaire $X/(A-(\text{sum of J,K,L,M,N}))$ :	52.99%

## 48 Estimates of Sampling error

## 49 Weighting

Basic characteristics of the design weight calculation process:

Number of realised stages: 3

Number of initial weights above 4 times the mean: 1

Initial weights above 4: 4,003

IDNOs of initial weights above 4: 21213298

DeffP: 1,21

## 50 Other study-related materials

### 50.7 Occupation coding

#### Classification used in coding of occupation:

First coded to a national classification based on ISCO and then bridged to match the ISCO08: No

First coded to a national classification and then bridged to match the ISCO08: No

No previous coding, occupation coded directly into the 4-digit ISCO08: Yes

#### Occupation coding procedures:

When did the coding of occupation for respondent and partner take place:

At the time of the interview: No

Later on: Yes

#### Number of occupation coders:

3

Coding procedures:

Were any occupation strings coded by more than one coder (double coding):	Yes
Was an adjudicator used:	No
If yes, was adjudication done:	
by sampling	
on difficult cases	
Is some kind of automatic/semiautomatic coding used in the coding process:	No

## Norway

### 33 Data collector

Statistics Norway  
Akersveien 26, 0177 Oslo

### 34 Depositor

Øyvind Kleven, Fieldwork organisation

### 35 Funding agency

The Research Council of Norway

### 36 Grant number

14/1317

### 37 Mode of data collection

#### 37.1 Main questionnaire

Computer assisted personal interview, CAPI: Yes  
Paper and pencil interview, PAPI: No

#### 37.2 Contact form questionnaire

Computer assisted personal interview, CAPI: Yes  
Paper and pencil interview, PAPI: No

### 38 Type of research instrument

**Structured questionnaires in:**  
Norwegian

### 39 Field work period(s)

22.08.16 - 17.01.17

### 40 Geographic unit

Have there been any changes in the region variable (REGIONxx) since the last round? No  
Statistical inference possible at the regional level: Yes  
Is your country part of the NUTS nomenclature or Eurostat's statistical regions for EFTA and Candidate countries? Yes  
NUTS level in data file NUTS 2  
**Geographic units in dataset:**  
NO01 - Oslo og Akershus  
NO02 - Hedmark og Oppland  
NO03 - Sør-Østlandet  
NO04 - Agder og Rogaland  
NO05 - Vestlandet  
NO06 - Trøndelag  
NO07 - Nord-Norge

### 41 Geographic coverage

Norway

### 42 Sampling procedure

Sampling Frame:  
National Population Register, updated every day, place of resident is updated monthly.

Statistics Norway receive an electronically copy of the register every day.

Sampling Design:

One stage equal probability systematic sampling within strata defined by the cross-classification of age group, gender and region and sorted randomly within strata.

#### 42.1 Use of opt-out list

Does some kind of opt-out list exist in your country?

Yes

When does the opt-out list take effect:

**If yes, please include a short description of the opt-out list and its use:**

There exists an opt-out list in Norway, but ESS in Norway is not affected by the opt-out list, hence the sample of ESS in Norway is not affected.

### 43 Fieldwork procedures

#### 43.1 Interviewer selection

Total number of interviewers:	82
Number of interviewers with previous experience from working with the ESS:	47
Number of interviewers who have not done any face-to-face interviewing work before:	35
Number of interviewers who have not done any interviewing work before (regardless of the survey, mode or sample type):	6

#### 43.2 Briefing of interviewers

How many of the interviewers received ESS specific personal briefing?:	82
Total length of ESS specific personal briefing(s) per interviewer:	4-8 hours
Written ESS specific instructions:	Yes
Was the ESS Interviewer Manual provided to interviewers:	No
Were the ESS briefing slides used for briefing:	No
Was the ESS briefing example interview ("dummy interview") conducted using the guidance provided:	No
Training in refusal conversion:	Yes
Training on how to fill in contact forms:	Yes
Training on how to fill in observable and dwelling information:	No
<b>Materials on observable and dwelling information:</b>	
Photos:	No
Video-tape recording:	No
If yes to photos used, were these adapted to suit the situation in your country?	

#### 43.3 Employment status of interviewers

Free-lance interviewers:	No
Employees of the fieldwork organisation:	Yes
Other:	No

#### 43.4 Payments of interviewers

Hourly rate:	Yes
Per completed interview:	No
Assignment fee (set fee for working on a set of sample units):	No
A regular fixed salary:	No
Bonus arrangement:	No
Other:	No

#### 43.5 Advance information

Use of advance letter:	Yes
Use of brochure:	Yes

#### 43.6 Call schedules

First contact by:	Telephone
Number of minimum required calls per respondent (in total):	4
Number of calls required to be on a weekend:	1
Number of calls required to be in the evening:	2

#### 43.7 Respondent incentives

Respondent incentives:	Yes
------------------------	-----

Unconditional monetary incentives, paid before the interview:	No
Conditional monetary incentives, upon completion of the interview:	Yes
Unconditional non-monetary incentives (incl. vouchers), provided before the interview:	No
Conditional non-monetary incentives (incl. vouchers), upon completion of the interview:	No

**Please specify:**

Unconditional lottery tickets was provided before the interview in the advance letter

**Other response enhancing measures:**

Use of other response enhancing measures (call-center, web-pages, etc.): Yes

**Description of other response enhancing measures:**

Call-back opportunity to call-center

Web info page with additional information about the survey and link to the official website

**43.8 Strategies for refusal conversion**

Strategies for refusal conversion: Yes

**If yes, please describe:**

Refusal conversion allocated to motivated and skilled interviewers. Refusers received an additional specially tailored infoletter about the survey

**43.9 Pretest**

The period in which the pretest interviews were held: 06.06.16 - 19.06.16

Number of pretest interviews: 30

**Which techniques were used in the pre-test?**

face-to-face interviews (like in the main survey) Yes

cognitive interviews No

tape recording of interviews No

video recording of interviews No

other, please describe:

**What was the main purpose of the pre-test?**

check the translations Yes

check the CAPI script / routing Yes

check the PAPI questionnaire / routing No

**44 Control operation**

**44.1 Interviews**

Number of units selected for back-check: 300

Number of back-checks achieved: 158

Number of units where outcome was confirmed: 158

Type of back-check: Personal or Telephone: Telephone

**44.2 Refusals**

Number of units selected for back-check: 600

Number of back-checks achieved: 88

Number of units where outcome was confirmed: 88

Type of back-check: Personal, Telephone or Mail: Mail

**44.3 Non-contacts**

Number of units selected for back-check: 130

Number of back-checks achieved: 16

Number of units where outcome was confirmed: 16

## 45 Cleaning operations

### 45.2 Checking and control of main questionnaire CAPI program(s)

Thorough testing of the CAPI-questionnaire by SN administrative staff and interviewers (e.g. through the pilot)

Review and comparison of the program regarding selections, response options etc., to ensure consistency with the data protocol

### 45.3 Verification of optical scanning or keying of main questionnaire

Was the scanning or keying of the main questionnaire checked?:

Approximate proportion of the main questionnaires checked:

### 45.4 Anonymization

#### **Techniques used in the assessment of anonymity:**

Comparison with external data for the population of Norway.

#### **Variables included in the assessment of anonymity:**

Gender, exact age, region, education, household size, occupation, nace, ethnicity, citizenship, father and mother's country of birth, income

#### **Variables edited to ensure anonymity:**

Household size, exact age, ethnicity, citizenship, nace, ancestry, father and mother's country of birth

#### **Method used in anonymization of variables:**

Cell suppression, rounding, in very few cases swapping

## 46 Deviations

C21 (CTZSHIPC): For anonymity reasons, a number of substantial responses have been recoded to missing value (99 "No answer") by the national team.

C23 (CNTBRTHC): For anonymity reasons a number of substantial responses have been recoded to missing value (99 "No answer") by the national team.

C24 (LIVECNTA): For anonymity reasons a number of substantial responses have been recoded to missing value (9999 "No answer") by the national team.

C28 (FBRNCNTB): For anonymity reasons a number of substantial responses have been recoded to missing value (99 "No answer") by the national team.

C30 (MBRNCNTB): For anonymity reasons a number of substantial responses have been recoded to missing value (99 "No answer") by the national team.

F31 (NACER2): For anonymity reasons a number of substantial responses have been recoded to missing value (999 "No answer") by the national team.

F61 (ANCTRY1 and ANCTRY2): The underlying national questionnaire item (showcard) has changed since previous round. For anonymity reasons, all respondents declaring ancestries other than Norwegian and Swedish have been aggregated to world regions (one digit).

## 47 Response rates

### 47.1 Break down of response and non response, main questionnaire

A. Total number of issued sample units (addresses, households or individuals):	3000
B. Refusal by respondent:	694
C. Refusal by proxy, or household or address refusal:	47
D. Refusals by opt-out list:	0
E. No contact (after at least 4 visits):	222
F. Language barrier:	92
G. Respondent ill or incapacitated, unable to co-operate throughout fieldwork period:	112
H. Contact, but no interview for other reasons (broken appointment, respondent unavailable, other reasons):	197
I. Address not traceable:	3
J. Address not residential (institution, business/industrial purpose) / Respondent resides in an institution:	34
K. Address not occupied (not occupied, demolished, not yet built) / Address occupied, but no resident household (weekend or second home):	1
L. Other ineligible address:	1
M. Respondent emigrated/left the country long term (for more than 6 months):	33
N. Respondent deceased:	6
U. Invalid interviews:	0
V. Number of valid interviews:	1545
X. Records in the data file:	1545
Y) Number of sample units not accounted for:	11
Response rate main questionnaire $X/(A-(\text{sum of J,K,L,M,N}))$ :	52.82%

## 48 Estimates of Sampling error

## 49 Weighting

Basic characteristics of the design weight calculation process:

Number of realised stages: 1

Number of initial weights above 4 times the mean 0:

Initial weights above 4: -

IDNOs of initial weights above 4: -

DeffP: 1,00

## 50 Other study-related materials

### 50.7 Occupation coding

#### Classification used in coding of occupation:

First coded to a national classification based on ISCO and then bridged to match the ISCO08: Yes

First coded to a national classification and then bridged to match the ISCO08: No

No previous coding, occupation coded directly into the 4-digit ISCO08: No

#### Occupation coding procedures:

When did the coding of occupation for respondent and partner take place:

At the time of the interview: No

Later on: Yes

#### Number of occupation coders:

5

Coding procedures:



Were any occupation strings coded by more than one coder (double coding): No

Was an adjudicator used: No

If yes, was adjudication done:

by sampling

on difficult cases

Is some kind of automatic/semiautomatic coding used in the coding process:

**Short description of coding and checking procedures:**

Specialized staff code occupation by combining available information from verbatim recorded questions to fit categories as described in the STYRK08. STYRK08 is almost identical to ISCO08, although for a very few codes they are recoded to ISCO08. The standard is available from the following web adress: <http://www.ssb.no/a/yrke/styrk08/>

## Poland

### 33 Data collector

Centre of Sociological Research  
Institute of Philosophy and Sociology  
Polish Academy of Sciences  
Nowy Swiat 72  
Warsaw  
Poland

### 34 Depositor

Pawel B. Sztabinski, National Coordinator

### 35 Funding agency

The Ministry of Science and Higher Education

### 36 Grant number

DIR/WK/2016/11

### 37 Mode of data collection

#### 37.1 Main questionnaire

Computer assisted personal interview, CAPI:	No
Paper and pencil interview, PAPI:	Yes

#### 37.2 Contact form questionnaire

Computer assisted personal interview, CAPI:	No
Paper and pencil interview, PAPI:	Yes

### 38 Type of research instrument

**Structured questionnaires in:**  
Polish

### 39 Field work period(s)

07.11.16 - 22.02.17

### 40 Geographic unit

Have there been any changes in the region variable (REGIONxx) since the last round?	No
Statistical inference possible at the regional level:	No
Is your country part of the NUTS nomenclature or Eurostat's statistical regions for EFTA and Candidate countries?	Yes

#### **Suggested grouping of the regional categories:**

For analytical purposes we recommend grouping regions into six NUTS1 categories (by the first digit).

NUTS level in data file	2
-------------------------	---

#### **Geographic units in dataset:**

PL11 Lodzkie  
PL12 Mazowieckie  
PL21 Malopolskie  
PL22 Slaskie  
PL31 Lubelskie  
PL32 Podkarpackie  
PL33 Swietokrzyskie

PL34 Podlaskie  
PL41 Wielkopolskie  
PL42 Zachodniopomorskie  
PL43 Lubuskie  
PL51 Dolnoslaskie  
PL52 Opolskie  
PL61 Kujawsko-Pomorskie  
PL62 Warminsko-Mazurskie  
PL63 Pomorskie

#### **41 Geographic coverage**

Poland

#### **42 Sampling procedure**

Sampling Frame:

National register of residents of Poland ("PESEL").

Sampling Design:

Two-domain design. Approximately 37% of the population aged 15+ resides in domain 1.

Domain 1 (towns with 50,000 or more residents): Simple random sample of persons within strata. The strata were towns, plus districts of Warsaw, Łódź, Poznań and Wrocław.

Domain 2 (remainder of Poland): Two-stage design with gminas (settlements) as PSUs. 421 gminas were selected with probability proportional to the number of inhabitants aged 15+ within each of 64 strata, defined by the cross-classification of settlement population size (4 categories) and voivodship (16 categories). Allocation of PSUs to strata was proportional to population size 15+. At the second stage, 4 persons were selected by simple random sampling from each sampled gmina for each time it was sampled (sampling of PSUs was with replacement so it was possible to be selected more than once).

##### **42.1 Use of opt-out list**

Does some kind of opt-out list exist in your country?

No

When does the opt-out list take effect:

## 43 Fieldwork procedures

### 43.1 Interviewer selection

Total number of interviewers:	135
Number of interviewers with previous experience from working with the ESS:	38
Number of interviewers who have not done any face-to-face interviewing work before:	0
Number of interviewers who have not done any interviewing work before (regardless of the survey, mode or sample type):	0

### 43.2 Briefing of interviewers

How many of the interviewers received ESS specific personal briefing?:	135
Total length of ESS specific personal briefing(s) per interviewer:	4-8 hours
Written ESS specific instructions:	Yes
Was the ESS Interviewer Manual provided to interviewers:	No
Were the ESS briefing slides used for briefing:	Yes
Was the ESS briefing example interview ("dummy interview") conducted using the guidance provided:	
Training in refusal conversion:	Yes
Training on how to fill in contact forms:	Yes
Training on how to fill in observable and dwelling information:	Yes
<b>Materials on observable and dwelling information:</b>	
Photos:	Yes
Video-tape recording:	No
If yes to photos used, were these adapted to suit the situation in your country?	Yes

### 43.3 Employment status of interviewers

Free-lance interviewers:	Yes
Employees of the fieldwork organisation:	No
Other:	No

#### **If other, please specify:**

The interviewers' network of the Centre for Sociological Research has a decentralized structure and consists of regional coordinators and interviewers. As a result, training is consistently delivered in two steps: personal face-to-face briefings for regional coordinators in Warsaw (the NC and the PL ESS Team conduct the central briefing) and then personal face-to-face briefings for interviewers in regions (conducted by regional coordinators).

Briefings put emphasis on issues which turned out to be either hard or problematic for interviewers during previous ESS rounds (e.g.: how to properly fill in the Contact Form, when and how to give gifts). Also, the interviewers were carefully trained on asking questions from the new modules. Briefings in regions ran immediately after the central briefing for coordinators. All coordinators received a detailed presentation from the central briefing, both in print and in an electronic version, together with additional examples of how to fill in contact registration documents (including the Contact Form). All regional briefings were strictly monitored: they were recorded and reviewed against the observation form. Briefings were adapted to match the specific characteristics of our survey network. A member of the Polish ESS team attended the briefing to support less experienced coordinators in two regions with the highest number of interviews to carry out.

### 43.4 Payments of interviewers

Hourly rate:	No
Per completed interview:	Yes

Assignment fee (set fee for working on a set of sample units):	No
A regular fixed salary:	No
Bonus arrangement:	Yes
Other:	Yes

**If bonus arrangement or other, please specify:**

1. Interviewers' remuneration was progressive and depended on the individual response rate achieved.
2. A cash bonus was offered to the best-performing interviewers who achieved the highest individual response rate and to those handling difficult cases, especially those which had been re-issued. A cash bonus was also paid to those regional coordinators who achieved the highest response rate. Additionally, the best interviewers received a letter of appreciation signed by the Director of the Institute of Philosophy and Sociology, Polish Academy of Sciences, and the NC of ESS.

**43.5 Advance information**

Use of advance letter:	Yes
Use of brochure:	Yes

**43.6 Call schedules**

First contact by:	Visit
Number of minimum required visits per respondent/sampling unit in total:	4
Number of visits required to be on a weekend:	1
Number of visits required to be in the evening:	1

**43.7 Respondent incentives**

Respondent incentives:	Yes
Unconditional monetary incentives, paid before the interview:	No
Conditional monetary incentives, upon completion of the interview:	No
Unconditional non-monetary incentives (incl. vouchers), provided before the interview:	Yes
Conditional non-monetary incentives (incl. vouchers), upon completion of the interview:	No

**Please specify:**

After years of offering different incentives, in the ESS 8 we decided to offer the same gift to all sampled persons. In previous rounds the most popular was the wall calendar with a photo of the Staszic Palace (CRS base) and with the ESS logo printed on it. A similar wall calendar (with a new, better quality photo) was offered in ESS 8. The approx. cost of production was EUR 2.50 (the perceived value of that gift might be much higher).

In the case of respondents who were interested in the ESS results, NC sent a thank you letter for the participation in the study and appended a book with the ESS results from previous rounds (in Polish). In the case of particularly hard-to-reach respondents, the interviewer could decide to offer an additional gift: a penlight keyring, a high-visibility vest or a magnetic notepad (for instance to children).

Experience from the previous ESS rounds showed that the respondents hesitated whether or not to accept the gift. Some respondents were afraid that they would have to pay for it. So each gift offered had a sticker 'Unpaid souvenir in the research'.

Additionally, the overall respondents' assessment of gifts, their comments and reactions to the selected gift were recorded in the Contact Form.

**Other response enhancing measures:**

Use of other response enhancing measures (call-center, web-pages, etc.):	Yes
--	-----

**Description of other response enhancing measures:**

We provided a toll-free telephone number and a special website for the sampled persons. The previous website with full information about the project had been updated and modified in order to enhance visibility and interest, and also to dissipate concerns or

doubts. The URL address (<http://www.ifispan.waw.pl/ess>) was provided in both advance letters and on the inserts. The website is subdivided into the following sections:

- Introduction, with general information about the ESS, including the official ESS website, information that ESS was awarded the Descartes Research Prize in the EU, and that the ESS in Poland was included in the Polish Roadmap for Research Infrastructures by the Polish Ministry of Science and Higher Education;
- Information for the respondents: the content of the core questionnaire and the rotating modules for all ESS Rounds (with a short description); a list of participating countries for each ESS Round, FAQs;
- Two books dedicated to the promotion of ESS results: 'Polska-Europa 2002-2012' and 'Polska-Europa 2002-2015'; edited in Polish in a communicable and clear manner;
- ESS results in the Polish language: graphical data viewer illustrating questions' distribution for all ESS rounds, dissemination-related activities (a list of publications, conferences etc.);
- A list of Polish ESS Team Members;
- Contact details (including e-mail addresses) of the fieldwork organisation and National Coordinator plus a toll-free telephone number of the Centre of Sociological Research at the Institute of Philosophy and Sociology, Polish Academy of Sciences.

#### 43.8 Strategies for refusal conversion

Strategies for refusal conversion: Yes

##### If yes, please describe:

In the case of 'soft refusals' (if the respondent hesitated or a refusal was declared by another person etc.), the respondent was visited again by the same or another interviewer. The decision to attempt refusal conversion was made by the regional coordinator of the interviewer network in consultation with the interviewer (who had contacted the respondent). In many cases, the regional coordinator was also the person who attempted refusal conversion (mostly by telephone).

As the Polish team was faced with the situation where the project was falling behind the projected rates, the NC circulated motivation letters to regional coordinators. Furthermore the Fieldwork Director remained in constant contact with them.

#### 43.9 Pretest

The period in which the pretest interviews were held: 20.10.16 - 23.10.16

Number of pretest interviews: 30

##### Which techniques were used in the pre-test?

face-to-face interviews (like in the main survey) Yes

cognitive interviews No

tape recording of interviews No

video recording of interviews No

other, please describe:

##### What was the main purpose of the pre-test?

check the translations Yes

check the CAPI script / routing No

check the PAPI questionnaire / routing Yes

#### 44 Control operation

##### 44.1 Interviews

Number of units selected for back-check: 192

Number of back-checks achieved: 192

Number of units where outcome was confirmed: 148

Type of back-check: Personal or Telephone: Personal: 68

**44.2 Refusals**

Number of units selected for back-check:	55
Number of back-checks achieved:	55
Number of units where outcome was confirmed:	51
Type of back-check: Personal, Telephone or Mail:	Personal: 21 Telephone: 34

**44.3 Non-contacts**

Number of units selected for back-check:	51
Number of back-checks achieved:	51
Number of units where outcome was confirmed:	45
Type of back-check: Personal, Telephone or Mail:	Personal: 26 Telephone: 25

**45 Cleaning operations****45.2 Checking and control of main questionnaire CAPI program(s)****45.3 Verification of optical scanning or keying of main questionnaire**

Was the scanning or keying of the main questionnaire checked?:	No
Approximate proportion of the main questionnaires checked:	

**45.4 Anonymization****Techniques used in the assessment of anonymity:**

We cross-classified NUTS2 units with the community size to identify respondents living in the biggest cities (especially when there is one big city in a NUTS-2 unit). Then we analysed the demographic and other characteristics of respondents in this city to check whether they can be identified. We found that in no case such identification is possible.

**Variables included in the assessment of anonymity:**

Territorial unit, community size, occupation.

**Variables edited to ensure anonymity:**

Ancestry (ANCTRY1, ANCTRY2). We recommend not to publish ANC1PL and ANC2PL in a dataset.

**Method used in anonymization of variables:**

Aggregation (using ESCEG responses were recoded to the higher level).

**46 Deviations**

F61 (ANCTRY1 and ANCTRY2): The underlying national questionnaire item (showcard) has changed since previous round. For anonymity reasons, all respondents declaring ancestries other than Polish have been aggregated to a higher level (two digits).

Item non-response: 5 cases (idno=2991, 6099, 7167, 7693 and 8145) have more than 50% Refusal, Don't know or No answer in Main questionnaire.

## 47 Response rates

### 47.1 Break down of response and non response, main questionnaire

A. Total number of issued sample units (addresses, households or individuals):	2675
B. Refusal by respondent:	310
C. Refusal by proxy, or household or address refusal:	65
D. Refusals by opt-out list:	0
E. No contact (after at least 4 visits):	235
F. Language barrier:	0
G. Respondent ill or incapacitated, unable to co-operate throughout fieldwork period:	71
H. Contact, but no interview for other reasons (broken appointment, respondent unavailable, other reasons):	48
I. Address not traceable:	2
J. Address not residential (institution, business/industrial purpose) / Respondent resides in an institution:	2
K. Address not occupied (not occupied, demolished, not yet built) / Address occupied, but no resident household (weekend or second home):	7
L. Other ineligible address:	0
M. Respondent emigrated/left the country long term (for more than 6 months):	223
N. Respondent deceased:	10
U. Invalid interviews:	8
V. Number of valid interviews:	1694
X. Records in the data file:	1694
Y) Number of sample units not accounted for:	0
Response rate main questionnaire $X/(A-(\text{sum of J,K,L,M,N}))$ :	69.63%

## 48 Estimates of Sampling error

## 49 Weighting

Basic characteristics of the design weight calculation process:

Number of realised stages: 2

Number of initial weights above 4 times the mean: 0

Initial weights above 4: -

IDNOs of initial weights above 4: -

DeffP: 1,00

## 50 Other study-related materials

### 50.7 Occupation coding

#### Classification used in coding of occupation:

First coded to a national classification based on ISCO and then bridged to match the ISCO08: No

First coded to a national classification and then bridged to match the ISCO08: No

No previous coding, occupation coded directly into the 4-digit ISCO08: Yes

#### Occupation coding procedures:

When did the coding of occupation for respondent and partner take place:

At the time of the interview: No

Later on: Yes

#### Number of occupation coders:

1

Coding procedures:



Were any occupation strings coded by more than one coder (double coding):	No
Was an adjudicator used:	Yes
If yes, was adjudication done:	
by sampling	No
on difficult cases	Yes
Is some kind of automatic/semiautomatic coding used in the coding process:	No

**Short description of coding and checking procedures:**

A dedicated computer program has been used to support coding occupations with ISCO-08. In addition, all occupations were simultaneously and independently coded using the national classification, which to some extent is consistent with the ISCO. At the end, the two coding results were crossed with each other, and all inconsistencies were thoroughly discussed with an adjudicator.

## Portugal

### 33 Data collector

Instituto de Ciências Sociais da Universidade de Lisboa (ICS-ULisboa)

### 34 Depositor

Jorge Vala, National Coordinator

### 35 Funding agency

Fundação para a Ciência e a Tecnologia

### 36 Grant number

ESS8

### 37 Mode of data collection

#### 37.1 Main questionnaire

Computer assisted personal interview, CAPI:

Yes

Paper and pencil interview, PAPI:

No

#### 37.2 Contact form questionnaire

Computer assisted personal interview, CAPI:

Yes

Paper and pencil interview, PAPI:

No

### 38 Type of research instrument

**Structured questionnaires in:**

Portuguese

### 39 Field work period(s)

20.10.16 - 15.06.17

### 40 Geographic unit

Have there been any changes in the region variable (REGIONxx) since the last round? No

Statistical inference possible at the regional level: No

Is your country part of the NUTS nomenclature or Eurostat's statistical regions for EFTA and Candidate countries? Yes

**Suggested grouping of the regional categories:**

1 - Norte

2 - Centro

3 - Lisboa

4 - Alentejo + 5 - Algarve

NUTS level in data file

NUTS 2

**Geographic units in dataset:**

PT11 - Norte

PT15 - Algarve

PT16 - Centro

PT17 - Lisboa

PT18 - Alentejo

### 41 Geographic coverage

Mainland of Portugal (islands excluded)

### 42 Sampling procedure

Sampling frame: Frame of municipalities in all regions of the mainland of Portugal, except municipalities with less than 20 households. For households: Frame of EDP clients, EDP, the electricity company, has 100% of the clients contracts in the country

Sampling design: Two –domain design.

All municipalities with less than 50.000 inhabitants form the first domain. The municipalities are stratified according to NUTS3 regions. A three stage design was applied in this domain. 120 PSUs were selected at the first stage, with probability proportional to the latest Statistics Portugal estimate of population size. Within these PSUs 1923 households were drawn from the EDP list. Differences in the ratio of Statistics Portugal population size to EDP households, partly caused by difficulties in establishing equivalent geographical boundaries on the EDP list, led to variation in selection probabilities between PSUs. Finally, one target person was selected within each household by the last birthday method.

All municipalities with more than 50.000 inhabitants were included in the second domain. The municipalities were used as strata. Within these strata 1177 households were drawn. The intention was that all households should have equal selection probabilities, but some errors in the measures of size of each stratum meant that in practice probabilities varied between the strata. Within each address one target person was selected by the last birthday method.

#### **42.1 Use of opt-out list**

Does some kind of opt-out list exist in your country?

No

When does the opt-out list take effect:

### 43 Fieldwork procedures

#### 43.1 Interviewer selection

Total number of interviewers:	54
Number of interviewers with previous experience from working with the ESS:	11
Number of interviewers who have not done any face-to-face interviewing work before:	30
Number of interviewers who have not done any interviewing work before (regardless of the survey, mode or sample type):	30

#### 43.2 Briefing of interviewers

How many of the interviewers received ESS specific personal briefing?:	54
Total length of ESS specific personal briefing(s) per interviewer:	more than 8 hours
Written ESS specific instructions:	Yes
Was the ESS Interviewer Manual provided to interviewers:	Yes
Were the ESS briefing slides used for briefing:	Yes
Was the ESS briefing example interview ("dummy interview") conducted using the guidance provided:	Yes
Training in refusal conversion:	Yes
Training on how to fill in contact forms:	Yes
Training on how to fill in observable and dwelling information:	Yes
<b>Materials on observable and dwelling information:</b>	
Photos:	Yes
Video-tape recording:	No
If yes to photos used, were these adapted to suit the situation in your country?	Yes

#### 43.3 Employment status of interviewers

Free-lance interviewers:	No
Employees of the fieldwork organisation:	No
Other:	Yes
<b>If other, please specify:</b>	
Scholarship	

#### 43.4 Payments of interviewers

Hourly rate:	No
Per completed interview:	Yes
Assignment fee (set fee for working on a set of sample units):	No
A regular fixed salary:	Yes
Bonus arrangement:	Yes
Other:	No
<b>If bonus arrangement or other, please specify:</b>	
Two vouchers of 5 euros each per interview above the monthly number established (12).	

#### 43.5 Advance information

Use of advance letter:	Yes
Use of brochure:	Yes

#### 43.6 Call schedules

First contact by:	Visit
Number of minimum required visits per respondent/sampling unit in total:	4

Number of visits required to be on a weekend:	1
Number of visits required to be in the evening:	1

#### 43.7 Respondent incentives

Respondent incentives:	Yes
Unconditional monetary incentives, paid before the interview:	No
Conditional monetary incentives, upon completion of the interview:	No
Unconditional non-monetary incentives (incl. vouchers), provided before the interview:	Yes
Conditional non-monetary incentives (incl. vouchers), upon completion of the interview:	No

**Please specify:**

Voucher of 5 € to be spent on a supermarket chain (Pingo Doce, SONAE).

**Other response enhancing measures:**

Use of other response enhancing measures (call-center, web-pages, etc.):	No
--	----

#### 43.8 Strategies for refusal conversion

Strategies for refusal conversion:	No
------------------------------------	----

#### 43.9 Pretest

The period in which the pretest interviews were held:	28.08.16 - 13.09.16
---	---------------------

Number of pretest interviews:	30
-------------------------------	----

**Which techniques were used in the pre-test?**

face-to-face interviews (like in the main survey)	Yes
---	-----

cognitive interviews	No
----------------------	----

tape recording of interviews	Yes
------------------------------	-----

video recording of interviews	No
-------------------------------	----

other, please describe:

**What was the main purpose of the pre-test?**

check the translations	Yes
------------------------	-----

check the CAPI script / routing	Yes
---------------------------------	-----

check the PAPI questionnaire / routing	No
--	----

#### 44 Control operation

##### 44.1 Interviews

Number of units selected for back-check:	575
--	-----

Number of back-checks achieved:	335
---------------------------------	-----

Number of units where outcome was confirmed:	312
--	-----

Type of back-check: Personal or Telephone:	Personal (127), Telephone (208)
--	------------------------------------

##### 44.2 Refusals

Number of units selected for back-check:	20
--	----

Number of back-checks achieved:	10
---------------------------------	----

Number of units where outcome was confirmed:	10
--	----

Type of back-check: Personal, Telephone or Mail:	Personal (7), Telephone (3)
--	--------------------------------

##### 44.3 Non-contacts

Number of units selected for back-check:	10
--	----

Number of back-checks achieved:	10
---------------------------------	----

Number of units where outcome was confirmed: 10  
Type of back-check: Personal, Telephone or Mail: Personal (10)

#### **45 Cleaning operations**

##### **45.2 Checking and control of main questionnaire CAPI program(s)**

The checking of the CAPI program was made through a script test. The script was tested by two members of the ICS research team.

##### **45.3 Verification of optical scanning or keying of main questionnaire**

Was the scanning or keying of the main questionnaire checked?:

Approximate proportion of the main questionnaires checked:

##### **45.4 Anonymization**

###### **Techniques used in the assessment of anonymity:**

Cross tabulation on key variables

###### **Variables included in the assessment of anonymity:**

Gender, age, occupation (respondent and partner), ancestry, education and region.

###### **Variables edited to ensure anonymity:**

None

#### **46 Deviations**

F11 (MARSTS): Filter error: All respondents coded with value 2 on F9 have erroneously been routed past F11 (MARSTS).

F61 (ANCTRY1, ANCTRY2): The underlying national questionnaire item (showcard) has changed since previous round.

## 47 Response rates

### 47.1 Break down of response and non response, main questionnaire

A. Total number of issued sample units (addresses, households or individuals):	3100
B. Refusal by respondent:	200
C. Refusal by proxy, or household or address refusal:	398
D. Refusals by opt-out list:	0
E. No contact (after at least 4 visits):	257
F. Language barrier:	16
G. Respondent ill or incapacitated, unable to co-operate throughout fieldwork period:	74
H. Contact, but no interview for other reasons (broken appointment, respondent unavailable, other reasons):	346
I. Address not traceable:	231
J. Address not residential (institution, business/industrial purpose) / Respondent resides in an institution:	40
K. Address not occupied (not occupied, demolished, not yet built) / Address occupied, but no resident household (weekend or second home):	233
L. Other ineligible address:	5
M. Respondent emigrated/left the country long term (for more than 6 months):	0
N. Respondent deceased:	0
U. Invalid interviews:	30
V. Number of valid interviews:	1270
X. Records in the data file:	1270
Y) Number of sample units not accounted for:	0
Response rate main questionnaire $X/(A-(\text{sum of J,K,L,M,N}))$ :	45.00%

## 48 Estimates of Sampling error

## 49 Weighting

Basic characteristics of the design weight calculation process:

Number of realised stages: 3

Number of initial weights above 4 times the mean: 50

Initial weights above 4: 4,13, 4,17, 4,17, 4,17, 4,17, 4,17, 4,23, 4,33, 4,33, 4,33, 4,36, 4,36, 4,36, 4,36, 4,36, 4,45, 4,45, 4,62, 4,62, 4,62, 4,62, 4,71, 4,71, 4,71, 4,74, 5,04, 5,04, 5,04, 5,91, 5,91, 5,91, 5,94, 6,15, 6,26, 6,50, 6,54, 7,06, 7,07, 7,07, 8,72, 8,72, 8,91, 9,42, 10,44, 10,83, 11,87, 17,91, 17,91, 17,91, 35,81,

IDNOs of initial weights above 4: 162512, 160534, 160535, 160528, 160521, 172635, 112930, 112936, 112938, 153416, 153410, 153409, 153075, 153397, 153078, 110636, 110635, 112424, 112416, 112427, 112426, 111759, 111758, 111750, 112859, 161615, 161616, 161624, 160068, 160061, 160065, 151194, 112422, 160530, 112928, 153398, 172646, 111755, 111751, 153405, 153404, 110627, 111746, 160524, 112934, 151201, 150134, 150140, 150130, 150136

DeffP: 1,96

## 50 Other study-related materials

### 50.7 Occupation coding

**Classification used in coding of occupation:**

First coded to a national classification based on ISCO and then bridged to match the ISCO08: No

First coded to a national classification and then bridged to match the ISCO08: No

No previous coding, occupation coded directly into the 4-digit ISCO08: Yes

**Occupation coding procedures:**

When did the coding of occupation for respondent and partner take place:

At the time of the interview: No  
Later on: Yes

**Number of occupation coders:**

1

Coding procedures:

Were any occupation strings coded by more than one coder (double coding): No

Was an adjudicator used: Yes

If yes, was adjudication done:

by sampling Yes

on difficult cases Yes

Is some kind of automatic/semiautomatic coding used in the coding process: No

**Short description of coding and checking procedures:**

Coding was made using an excel/file, according to the occupation's description given by respondents. The coder is an experienced researcher from ICS. Almost 50% of the coding was checked by an adjudicator of the National Research Team (ICS-UL).



## Russian Federation

### 33 Data collector

CESSI (Institute for Comparative Social Research)

### 34 Depositor

Anna Andreenkova, National Coordinator

### 35 Funding agency

Russian Humanitarian Scientific Fund (RGNF)

### 36 Grant number

16-03-18037

### 37 Mode of data collection

#### 37.1 Main questionnaire

Computer assisted personal interview, CAPI:

No

Paper and pencil interview, PAPI:

Yes

#### 37.2 Contact form questionnaire

Computer assisted personal interview, CAPI:

No

Paper and pencil interview, PAPI:

Yes

### 38 Type of research instrument

**Structured questionnaires in:**

Russian

### 39 Field work period(s)

03.01.17 - 19.03.17

### 40 Geographic unit

Have there been any changes in the region variable (REGIONxx) since the last round? No

Statistical inference possible at the regional level: Yes

Is your country part of the NUTS nomenclature or Eurostat's statistical regions for EFTA and Candidate countries? No

NUTS level in data file

**Geographic units in dataset:**

1 - North Western FO

2 - Central FO

3 - Volga FO

4 - South FO

5 - North Caucasian FO

6 - Ural FO

7 - Siberian FO

8 - Far East FO

**If your country is not part of the NUTS nomenclature, please give a short description of the regional level used in the data file**

80 units of federation (oblasts) were grouped into 8 standard administrative regions (called Federal Okrugs in Russia = which is standard administrative division now which is also used by National Statistical Agency and Census data is collected).

### 41 Geographic coverage

Russian Federation

#### 42 Sampling procedure

Sampling Frame:

Addresses of dwelling units within selected electoral districts. A list of all dwelling units in electoral districts did not exist in advance and was therefore created by interviewers compiling a list of all dwelling units in each selected electoral districts, and mapping them.

Sampling Design:

The design has two sampling domains.

The first domain includes all settlements except the 15 largest cities and the second the 15 largest cities. The first domain has four sampling stages. At the first stage settlements are selected by a stratified sample with probability proportional to the population of settlements. The

stratification is by eight geographic zones. From each selected settlement, two electoral districts were selected by simple random sampling. From each selected electoral district, 26 dwelling units were selected from a list compiled by the survey institute (prior to the sampling such a list did not exist). From each dwelling unit one person is selected by a random number after listing persons by gender and age (equivalent to Kish Grid).

The second sampling domain has three sampling stages. At the first stage a stratified sample of electoral districts is selected. The stratification is by the 15 cities. The second and third stages (dwelling units and persons) proceeded exactly as for the first domain.

Remarks:

Disputed region of Crimea not included in the sample.

##### 42.1 Use of opt-out list

Does some kind of opt-out list exist in your country?

No

When does the opt-out list take effect:

### 43 Fieldwork procedures

#### 43.1 Interviewer selection

Total number of interviewers:	253
Number of interviewers with previous experience from working with the ESS:	43
Number of interviewers who have not done any face-to-face interviewing work before:	36
Number of interviewers who have not done any interviewing work before (regardless of the survey, mode or sample type):	2

#### 43.2 Briefing of interviewers

How many of the interviewers received ESS specific personal briefing?:	253
Total length of ESS specific personal briefing(s) per interviewer:	4-8 hours
Written ESS specific instructions:	Yes
Was the ESS Interviewer Manual provided to interviewers:	No
Were the ESS briefing slides used for briefing:	No
Was the ESS briefing example interview ("dummy interview") conducted using the guidance provided:	No
Training in refusal conversion:	Yes
Training on how to fill in contact forms:	Yes
Training on how to fill in observable and dwelling information:	Yes
<b>Materials on observable and dwelling information:</b>	
Photos:	Yes
Video-tape recording:	No
If yes to photos used, were these adapted to suit the situation in your country?	Yes

#### 43.3 Employment status of interviewers

Free-lance interviewers:	Yes
Employees of the fieldwork organisation:	No
Other:	No

#### 43.4 Payments of interviewers

Hourly rate:	No
Per completed interview:	Yes
Assignment fee (set fee for working on a set of sample units):	No
A regular fixed salary:	No
Bonus arrangement:	Yes
Other:	No

**If bonus arrangement or other, please specify:**

Bonus for interviewing in remote areas, bonus for successful interview after 4 attempts of contacts, bonus for response rate higher than 70%, higher payment for interview if refusal conversion has occurred

#### 43.5 Advance information

Use of advance letter:	No
Use of brochure:	No

#### 43.6 Call schedules

First contact by:	Visit
Number of minimum required visits per respondent/sampling unit in total:	4
Number of visits required to be on a weekend:	min 1 out of 4

Number of visits required to be in the evening: min 1 out of 4

#### 43.7 Respondent incentives

Respondent incentives: Yes

Unconditional monetary incentives, paid before the interview: No

Conditional monetary incentives, upon completion of the interview: No

Unconditional non-monetary incentives (incl. vouchers), provided before the interview: No

Conditional non-monetary incentives (incl. vouchers), upon completion of the interview: Yes

**Please specify:**

Incentive was used only in large cities with very low response rate (about 25% of all interviews)

**Other response enhancing measures:**

Use of other response enhancing measures (call-center, web-pages, etc.): Yes

**Description of other response enhancing measures:**

Web-site of ESS in Russian for informing respondents about the current wave, previous results and the project in general, ESS business card with coordinates of the web-site was given to all contacted households

#### 43.8 Strategies for refusal conversion

Strategies for refusal conversion: Yes

**If yes, please describe:**

We re-contacted all respondents/ households who had at least small chance to being converted after some time of the first refusals

- we paid interviewers per interview but the payment for completed interview after refusal conversion was 30% higher than any other interview.

- the decision about refusal conversion was taken by regional field manager based on the evaluation of "soft-hard" refusal in the contact sheet and the de-briefing of interviewer (clarifying the reason of refusal and the circumstances of it).

#### 43.9 Pretest

The period in which the pretest interviews were held: 06.12.16 - 17.12.16

Number of pretest interviews: 50

**Which techniques were used in the pre-test?**

face-to-face interviews (like in the main survey) Yes

cognitive interviews Yes

tape recording of interviews No

video recording of interviews No

other, please describe:

**What was the main purpose of the pre-test?**

check the translations Yes

check the CAPI script / routing No

check the PAPI questionnaire / routing Yes

#### 44 Control operation

##### 44.1 Interviews

Number of units selected for back-check: 780

Number of back-checks achieved: 569

Number of units where outcome was confirmed: 569

Type of back-check: Personal or Telephone: Personal: 73,  
Telephone: 677

#### 44.2 Refusals

Number of units selected for back-check:	100
Number of back-checks achieved:	52
Number of units where outcome was confirmed:	36
Type of back-check: Personal, Telephone or Mail:	Telephone: 100

#### 44.3 Non-contacts

Number of units selected for back-check:	150
Number of back-checks achieved:	36
Number of units where outcome was confirmed:	36
Type of back-check: Personal, Telephone or Mail:	Personal: 32, Telephone: 118

#### 45 Cleaning operations

##### 45.2 Checking and control of main questionnaire CAPI program(s)

##### 45.3 Verification of optical scanning or keying of main questionnaire

Was the scanning or keying of the main questionnaire checked?:	Yes
Approximate proportion of the main questionnaires checked:	25%

##### 45.4 Anonymization

###### Techniques used in the assessment of anonymity:

Statistical analyses based on key variables

###### Variables included in the assessment of anonymity:

Gender, age, education, profession, size of geographical unit, ethnicity

###### Variables edited to ensure anonymity:

We did not edit any variables.

#### 46 Deviations

Item non-response: 2 cases (idno = 2073 and 2929) have more than 50% Refusal, Don't know or No answer in Main questionnaire.

## 47 Response rates

### 47.1 Break down of response and non response, main questionnaire

A. Total number of issued sample units (addresses, households or individuals):	3900
B. Refusal by respondent:	299
C. Refusal by proxy, or household or address refusal:	633
D. Refusals by opt-out list:	0
E. No contact (after at least 4 visits):	351
F. Language barrier:	10
G. Respondent ill or incapacitated, unable to co-operate throughout fieldwork period:	25
H. Contact, but no interview for other reasons (broken appointment, respondent unavailable, other reasons):	62
I. Address not traceable:	3
J. Address not residential (institution, business/industrial purpose) / Respondent resides in an institution:	4
K. Address not occupied (not occupied, demolished, not yet built) / Address occupied, but no resident household (weekend or second home):	64
L. Other ineligible address:	0
M. Respondent emigrated/left the country long term (for more than 6 months):	0
N. Respondent deceased:	0
U. Invalid interviews:	19
V. Number of valid interviews:	2430
X. Records in the data file:	2430
Y) Number of sample units not accounted for:	0
Response rate main questionnaire $X/(A-(\text{sum of J,K,L,M,N}))$ :	63.41%

## 48 Estimates of Sampling error

## 49 Weighting

Basic characteristics of the design weight calculation process:

Number of realised stages: 4

Number of initial weights above 4 times the mean: 0

Initial weights above 4: -

IDNOs of initial weights above 4: -

DeffP: 1,23

## 50 Other study-related materials

### 50.7 Occupation coding

#### Classification used in coding of occupation:

First coded to a national classification based on ISCO and then bridged to match the ISCO08: No

First coded to a national classification and then bridged to match the ISCO08: No

No previous coding, occupation coded directly into the 4-digit ISCO08: Yes

#### Occupation coding procedures:

When did the coding of occupation for respondent and partner take place:

At the time of the interview: No

Later on: Yes

Coding procedures:

Were any occupation strings coded by more than one coder (double coding): Yes

Was an adjudicator used: Yes

If yes, was adjudication done:

by sampling

Yes

on difficult cases

Yes

Is some kind of automatic/semiautomatic coding used in the coding process:

No

**Short description of coding and checking procedures:**

Each questionnaire were checked manually by coder to check the logical consistency, missing data, Other category and comments of interviewer inside the questionnaire.

Occupation and Industry variables were first entered into Excel sheet and then coded by 1 coder and checked by another.

## Slovenia

### 33 Data collector

University of Ljubljana, Faculty of Social Sciences, Public Opinion and Mass Communication Research Center

### 34 Depositor

Slavko Kurdija (NC)

### 35 Funding agency

Slovenian Research Agency, Ministry of Education, Science and Sport

### 36 Grant number

Infrastructure programme I0-0022-0510

### 37 Mode of data collection

#### 37.1 Main questionnaire

Computer assisted personal interview, CAPI: Yes

Paper and pencil interview, PAPI: No

#### 37.2 Contact form questionnaire

Computer assisted personal interview, CAPI: Yes

Paper and pencil interview, PAPI: No

### 38 Type of research instrument

#### Structured questionnaires in:

Slovenian

### 39 Field work period(s)

21.09.16 - 11.01.17

### 40 Geographic unit

Have there been any changes in the region variable (REGIONxx) since the last round? No

Statistical inference possible at the regional level: No

Is your country part of the NUTS nomenclature or Eurostat's statistical regions for EFTA and Candidate countries? Yes

NUTS level in data file NUTS 3

#### Geographic units in dataset:

SI011 - Pomurska

SI012 - Podravska

SI013 - Koroska

SI014 - Savinjska

SI015 - Zasavska

SI016 - Spodnje-posavska

SI017 - Jugovzhodna Slovenija

SI018 - Notranjsko-kraska

SI021 - Osrednjeslovenska

SI022 - Gorenjska

SI023 - Goriska

SI024 - Obalno-kraska

### 41 Geographic coverage



Slovenia

#### 42 Sampling procedure

Sampling Frame:

Clusters of Enumeration Areas (CEA) and the Central Register of Population (CRP).

Sampling Design:

Two-stage probability sampling design with stratification at the first stage.

The first stage involves PPS selection of 300 small areas, where the size measure is the number of persons aged 15+ on the population register.

The second stage involves simple random sampling of 8 persons in each of the 300 PSUs.

##### 42.1 Use of opt-out list

Does some kind of opt-out list exist in your country?

Yes

When does the opt-out list take effect:

After the sample has  
been drawn

**If yes, please include a short description of the opt-out list and its use:**

Until 2016 Slovenian legislation contained the possibility for individual exemption for persons which explicitly reject the use of their personal data for research purposes. Central population register database included a special designation for such cases. Opt-out list will be included in the sampling frame and identified as empty rows (as advised by the sampling panel experts) inside PSU. This decreases the population response rate approx. by the 10 %. Estimates are based on completed R7 fieldwork. But the good news is that this legislation is now changed and opt out lists will not be effective in ESS round 9.

## 43 Fieldwork procedures

### 43.1 Interviewer selection

Total number of interviewers:	53
Number of interviewers with previous experience from working with the ESS:	30
Number of interviewers who have not done any face-to-face interviewing work before:	
Number of interviewers who have not done any interviewing work before (regardless of the survey, mode or sample type):	

### 43.2 Briefing of interviewers

How many of the interviewers received ESS specific personal briefing?:	53
Total length of ESS specific personal briefing(s) per interviewer:	4-8 hours
Written ESS specific instructions:	Yes
Was the ESS Interviewer Manual provided to interviewers:	Yes
Were the ESS briefing slides used for briefing:	Yes
Was the ESS briefing example interview ("dummy interview") conducted using the guidance provided:	Yes
Training in refusal conversion:	Yes
Training on how to fill in contact forms:	Yes
Training on how to fill in observable and dwelling information:	Yes
<b>Materials on observable and dwelling information:</b>	
Photos:	Yes
Video-tape recording:	No
If yes to photos used, were these adapted to suit the situation in your country?	No

### 43.3 Employment status of interviewers

Free-lance interviewers:	Yes
Employees of the fieldwork organisation:	No
Other:	Yes
<b>If other, please specify:</b>	
A few students	

### 43.4 Payments of interviewers

Hourly rate:	No
Per completed interview:	Yes
Assignment fee (set fee for working on a set of sample units):	No
A regular fixed salary:	No
Bonus arrangement:	Yes
Other:	Yes
<b>If bonus arrangement or other, please specify:</b>	
Fee for travel costs and seminar attending fee.	

### 43.5 Advance information

Use of advance letter:	Yes
Use of brochure:	Yes

### 43.6 Call schedules

First contact by:	Visit
Number of minimum required visits per respondent/sampling unit in total:	5
Number of visits required to be on a weekend:	1

Number of visits required to be in the evening: 1

#### 43.7 Respondent incentives

Respondent incentives: Yes

Unconditional monetary incentives, paid before the interview: No

Conditional monetary incentives, upon completion of the interview: Yes

Unconditional non-monetary incentives (incl. vouchers), provided before the interview: No

Conditional non-monetary incentives (incl. vouchers), upon completion of the interview: Yes

**Please specify:**

Every participant was awarded with 7€ gift card (for a major retail chain in Slovenia) and a foldable shopping bag.

**Other response enhancing measures:**

Use of other response enhancing measures (call-center, web-pages, etc.): Yes

**Description of other response enhancing measures:**

Additional motivational letter for reissue cases. Additional handwritten letters from interviewers to the respondents (the form mostly agreed on seminars).

#### 43.8 Strategies for refusal conversion

Strategies for refusal conversion: Yes

**If yes, please describe:**

Additional letter. Offering some higher incentives for refusal cases in few occasions.

Most cases for conversion and re-issuing were selected by responsive design estimates. It means that we targeted a bit more on under-representative type of cases or PSUs.

#### 43.9 Pretest

The period in which the pretest interviews were held: 29.08.16 - 09.09.16

Number of pretest interviews: 30

**Which techniques were used in the pre-test?**

face-to-face interviews (like in the main survey) Yes

cognitive interviews No

tape recording of interviews No

video recording of interviews No

other, please describe:

**What was the main purpose of the pre-test?**

check the translations Yes

check the CAPI script / routing Yes

check the PAPI questionnaire / routing No

#### 44 Control operation

##### 44.1 Interviews

Number of units selected for back-check: 595

Number of back-checks achieved: 356

Number of units where outcome was confirmed: 356

Type of back-check: Personal or Telephone: 570 (M) + 25 (T)

##### 44.2 Refusals

Number of units selected for back-check: 199

Number of back-checks achieved: 35

Number of units where outcome was confirmed: 35

Type of back-check: Personal, Telephone or Mail: 122 (P) + 10 (T) + 67 (M)

#### 44.3 Non-contacts

Number of units selected for back-check: 40  
Number of back-checks achieved: 5  
Number of units where outcome was confirmed: 3  
Type of back-check: Personal, Telephone or Mail:

#### 45 Cleaning operations

##### 45.2 Checking and control of main questionnaire CAPI program(s)

CAPI program checking was one of the purpose in pre-test. CAPI routing was additionally re-checked before the fieldwork by the national and the fieldwork team.

##### 45.3 Verification of optical scanning or keying of main questionnaire

Was the scanning or keying of the main questionnaire checked?:  
Approximate proportion of the main questionnaires checked:

##### 45.4 Anonymization

###### Techniques used in the assessment of anonymity:

With the reviewing of some delicate personal data and rare answers. Variable combination where we were more careful are listed below.

###### Variables included in the assessment of anonymity:

Ancestry (by regions); occupation (by regions); parents occupation (by regions); parents country of birth (by regions); registered partnership which indicate high possibility of homosexual couples (by regions).

###### Variables edited to ensure anonymity:

None

#### 46 Deviations

F15 (EDULVLB), F15 (EISCED), F44 (EDULVLPB), F44 (EISCEDP), F52 (EDULVLFB), F52 (EISCEDF), F56 (EDULVLMB), F56 (EISCEDM): The underlying national questionnaire items have changed since previous rounds. Please see Appendix 1 Education.

F61 (ANCTRY1, ANCTRY2): The underlying national questionnaire item (showcard) has changed since previous round.

## 47 Response rates

### 47.1 Break down of response and non response, main questionnaire

A. Total number of issued sample units (addresses, households or individuals):	2400
B. Refusal by respondent:	397
C. Refusal by proxy, or household or address refusal:	57
D. Refusals by opt-out list:	374
E. No contact (after at least 4 visits):	111
F. Language barrier:	7
G. Respondent ill or incapacitated, unable to co-operate throughout fieldwork period:	39
H. Contact, but no interview for other reasons (broken appointment, respondent unavailable, other reasons):	41
I. Address not traceable:	4
J. Address not residential (institution, business/industrial purpose) / Respondent resides in an institution:	7
K. Address not occupied (not occupied, demolished, not yet built) / Address occupied, but no resident household (weekend or second home):	5
L. Other ineligible address:	12
M. Respondent emigrated/left the country long term (for more than 6 months):	33
N. Respondent deceased:	6
U. Invalid interviews:	0
V. Number of valid interviews:	1307
X. Records in the data file:	1307
Y) Number of sample units not accounted for:	0
Response rate main questionnaire $X/(A-(\text{sum of J,K,L,M,N}))$ :	55.93%

## 48 Estimates of Sampling error

## 49 Weighting

Basic characteristics of the design weight calculation process:

Number of realised stages: 2

Number of initial weights above 4 times the mean: 0

Initial weights above 4: -

IDNOs of initial weights above 4: -

DeffP:1,00

## 50 Other study-related materials

### 50.7 Occupation coding

#### Classification used in coding of occupation:

First coded to a national classification based on ISCO and then bridged to match the ISCO08: No

First coded to a national classification and then bridged to match the ISCO08: No

No previous coding, occupation coded directly into the 4-digit ISCO08: Yes

#### Occupation coding procedures:

When did the coding of occupation for respondent and partner take place:

At the time of the interview: No

Later on: Yes

Coding procedures:

Were any occupation strings coded by more than one coder (double coding): Yes

Was an adjudicator used: Yes

If yes, was adjudication done:

by sampling

No

on difficult cases

Yes

Is some kind of automatic/semiautomatic coding used in the coding process:

No

**Short description of coding and checking procedures:**

Coding was performed by the dedicated experienced person. Some special cases were discussed within the national team.

## Spain

### 33 Data collector

Centro de Investigaciones Sociológicas

### 34 Depositor

Mónica Méndez Lago, National Coordinator and Fieldwork Organisation

### 35 Funding agency

Centro de Investigaciones Sociológicas

### 36 Grant number

### 37 Mode of data collection

#### 37.1 Main questionnaire

Computer assisted personal interview, CAPI: No

Paper and pencil interview, PAPI: Yes

#### 37.2 Contact form questionnaire

Computer assisted personal interview, CAPI: No

Paper and pencil interview, PAPI: Yes

### 38 Type of research instrument

#### Structured questionnaires in:

Spanish and Catalan

### 39 Field work period(s)

16.02.17 - 23.06.17

### 40 Geographic unit

Have there been any changes in the region variable (REGIONxx) since the last round? No

Statistical inference possible at the regional level: No

Is your country part of the NUTS nomenclature or Eurostat's statistical regions for EFTA and Candidate countries? Yes

#### Suggested grouping of the regional categories:

The main issue regarding statistical inference at the regional level regards the heterogeneity in population across regions. As a result of this, in some of the regions the sample size is very small, leading to problems regarding statistical inference. Aside from other possible grouping criteria depending on each specific research question, the most obvious general criterion is using NUTS1 to group the regions.

NUTS level in data file NUTS 2

#### Geographic units in dataset:

ES11 - Galicia

ES12 - Principado de Asturias

ES13 - Cantabria

ES21 - País Vasco

ES22 - Comunidad Foral de Navarra

ES23 - La Rioja

ES24 - Aragón

ES30 - Comunidad de Madrid

ES41 - Castilla y León

ES42 - Castilla-La Mancha

ES43 - Extremadura  
ES51 - Cataluña  
ES52 - Comunidad Valenciana  
ES53 - Islas Baleares  
ES61 - Andalucía  
ES62 - Región de Murcia  
ES63 - Ciudad Autónoma de Ceuta  
ES64 - Ciudad Autónoma de Melilla  
ES70 - Canarias

#### **41 Geographic coverage**

The smaller islands within the regions of Balearic and Canary Islands are not included in the selection process (amounting to 1.3% of the target population). There is also a stratum in La Rioja region with a very small chance of selecting a PSU, because of its low population size.

#### **42 Sampling procedure**

Sampling frame: The Continuous Population Register (Padrón Continuo) updated in 2015 by the INE (Spanish National Statistics Institute).

Sampling design: 2-stage design.

At the first stage, 434 Census sections were selected by a stratified sample. The strata were built by the crossing of two population classification criteria: region of residence (17 regions/Autonomous Communities + one grouping for Ceuta + Melilla) and size of habitat (4 categories). Selection with probability proportional to the number of residents aged 15 and over within the census sections.

At the second sampling stage, 7 persons were selected from each census section by systematic selection with equal selection probabilities. The ordering for the systematic selection was done by addresses.

##### **42.1 Use of opt-out list**

Does some kind of opt-out list exist in your country?

No

When does the opt-out list take effect:



### 43 Fieldwork procedures

#### 43.1 Interviewer selection

Total number of interviewers:	136
Number of interviewers with previous experience from working with the ESS:	102
Number of interviewers who have not done any face-to-face interviewing work before:	0
Number of interviewers who have not done any interviewing work before (regardless of the survey, mode or sample type):	0

#### 43.2 Briefing of interviewers

How many of the interviewers received ESS specific personal briefing?:	136
Total length of ESS specific personal briefing(s) per interviewer:	4-8 hours
Written ESS specific instructions:	Yes
Was the ESS Interviewer Manual provided to interviewers:	Yes
Were the ESS briefing slides used for briefing:	Yes
Was the ESS briefing example interview ("dummy interview") conducted using the guidance provided:	No
Training in refusal conversion:	Yes
Training on how to fill in contact forms:	Yes
Training on how to fill in observable and dwelling information:	Yes
<b>Materials on observable and dwelling information:</b>	
Photos:	Yes
Video-tape recording:	No
If yes to photos used, were these adapted to suit the situation in your country?	Yes

#### 43.3 Employment status of interviewers

Free-lance interviewers:	Yes
Employees of the fieldwork organisation:	No
Other:	No

#### 43.4 Payments of interviewers

Hourly rate:	No
Per completed interview:	Yes
Assignment fee (set fee for working on a set of sample units):	No
A regular fixed salary:	No
Bonus arrangement:	No
Other:	No

#### 43.5 Advance information

Use of advance letter:	Yes
Use of brochure:	Yes

#### 43.6 Call schedules

First contact by:	Visit
Number of minimum required visits per respondent/sampling unit in total:	4
Number of visits required to be on a weekend:	1
Number of visits required to be in the evening:	1

#### 43.7 Respondent incentives

Respondent incentives:	Yes
------------------------	-----

Unconditional monetary incentives, paid before the interview:	No
Conditional monetary incentives, upon completion of the interview:	No
Unconditional non-monetary incentives (incl. vouchers), provided before the interview:	No
Conditional non-monetary incentives (incl. vouchers), upon completion of the interview:	Yes

**Please specify:**

9 euros voucher which can be used in many stores and several supermarkets.

**Other response enhancing measures:**

Use of other response enhancing measures (call-center, web-pages, etc.):	Yes
--	-----

**Description of other response enhancing measures:**

Respondents were provided with a toll free number and an e-mail address to write to in order to contact CIS (the fieldwork organisation). In the entry page to CIS webpage ("Info section") there was an announcement stating that the ESS fieldwork was taking place.

Two advance letters were sent to all individuals who had been selected in the sample. In Catalonia, Balearic Islands and part of Comunidad Valenciana the letter was sent both in Catalan and in Spanish. The first letter also included a leaflet (also translated to Catalan and included when the letter in Catalan was sent).

**43.8 Strategies for refusal conversion**

Strategies for refusal conversion:	Yes
------------------------------------	-----

**If yes, please describe:**

All refusal cases were sent a letter with a reminder insisting on how important it was that everyone participated in the survey in order to achieve data that are representative of the whole population. The letter included a toll-free number and an e-mail address to contact the CIS.

A selection of refusals were reassigned to a new interviewer (usually to one with high response rate in the previous weeks).

**43.9 Pretest**

The period in which the pretest interviews were held:	30.01.17 - 05.02.17
---	---------------------

Number of pretest interviews:	40
-------------------------------	----

**Which techniques were used in the pre-test?**

face-to-face interviews (like in the main survey)	Yes
---	-----

cognitive interviews	No
----------------------	----

tape recording of interviews	No
------------------------------	----

video recording of interviews	No
-------------------------------	----

other, please describe:

**What was the main purpose of the pre-test?**

check the translations	Yes
------------------------	-----

check the CAPI script / routing	No
---------------------------------	----

check the PAPI questionnaire / routing	Yes
--	-----

**44 Control operation**

**44.1 Interviews**

Number of units selected for back-check:	474
--	-----

Number of back-checks achieved:	272
---------------------------------	-----

Number of units where outcome was confirmed:	272
--	-----

Type of back-check: Personal or Telephone:	Telephone
--	-----------

**44.2 Refusals**

Number of units selected for back-check:	140
--	-----

Number of back-checks achieved:	140
Number of units where outcome was confirmed:	105
Type of back-check: Personal, Telephone or Mail:	Personal

#### 44.3 Non-contacts

Number of units selected for back-check:	60
Number of back-checks achieved:	43
Number of units where outcome was confirmed:	43
Type of back-check: Personal, Telephone or Mail:	Personal

#### 45 Cleaning operations

##### 45.2 Checking and control of main questionnaire CAPI program(s)

##### 45.3 Verification of optical scanning or keying of main questionnaire

Was the scanning or keying of the main questionnaire checked?:	Yes
Approximate proportion of the main questionnaires checked:	20%

##### 45.4 Anonymization

###### Techniques used in the assessment of anonymity:

Comparison of key variables with external data sources on total population per region (country of birth/nationality, gender and age group by region)

###### Variables included in the assessment of anonymity:

Country of birth, nationality, gender and age group by region

###### Variables edited to ensure anonymity:

None

#### 46 Deviations

F61 (ANCTRY1, ANCTRY2): The underlying national questionnaire item (showcard) has changed since previous round.

## 47 Response rates

### 47.1 Break down of response and non response, main questionnaire

A. Total number of issued sample units (addresses, households or individuals):	3038
B. Refusal by respondent:	276
C. Refusal by proxy, or household or address refusal:	84
D. Refusals by opt-out list:	
E. No contact (after at least 4 visits):	433
F. Language barrier:	16
G. Respondent ill or incapacitated, unable to co-operate throughout fieldwork period:	78
H. Contact, but no interview for other reasons (broken appointment, respondent unavailable, other reasons):	38
I. Address not traceable:	11
J. Address not residential (institution, business/industrial purpose) / Respondent resides in an institution:	11
K. Address not occupied (not occupied, demolished, not yet built) / Address occupied, but no resident household (weekend or second home):	13
L. Other ineligible address:	2
M. Respondent emigrated/left the country long term (for more than 6 months):	67
N. Respondent deceased:	51
U. Invalid interviews:	
V. Number of valid interviews:	1958
X. Records in the data file:	1958
Y) Number of sample units not accounted for:	
Response rate main questionnaire $X/(A-(\text{sum of J,K,L,M,N}))$ :	67.66%

## 48 Estimates of Sampling error

## 49 Weighting

Basic characteristics of the design weight calculation process:

Number of realised stages: 2

Number of initial weights above 4 times the mean: 0

Initial weights above 4: -

IDNOs of initial weights above 4: -

DeffP: 1,01

## 50 Other study-related materials

### 50.7 Occupation coding

#### Classification used in coding of occupation:

First coded to a national classification based on ISCO and then bridged to match the ISCO08: No

First coded to a national classification and then bridged to match the ISCO08: No

No previous coding, occupation coded directly into the 4-digit ISCO08: Yes

#### Occupation coding procedures:

When did the coding of occupation for respondent and partner take place:

At the time of the interview: No

Later on: Yes

#### Number of occupation coders:

3

Coding procedures:

Were any occupation strings coded by more than one coder (double coding):	Yes
Was an adjudicator used:	Yes
If yes, was adjudication done:	
by sampling	No
on difficult cases	Yes
Is some kind of automatic/semiautomatic coding used in the coding process:	No

**Short description of coding and checking procedures:**

The coding consisted on the following steps:

1. First, interviewers register respondents' literal answer to the questions on occupation.
2. Coders assign a 4-digit ISCO08 code to respondents' answers.
3. A back-coding procedure is implemented, always when coding proved difficult, and on approximately 10% of the rest of the cases.

## Sweden

### 33 Data collector

Ipsos Observer Sweden, St Göransgatan 63, Box 12236, 102 26 Stockholm

### 34 Depositor

Filip Fors, National Coordinator's team

### 35 Funding agency

Vetenskapsrådet (The Swedish Research Council)

### 36 Grant number

829-2011-5076

### 37 Mode of data collection

#### 37.1 Main questionnaire

Computer assisted personal interview, CAPI:

Yes

Paper and pencil interview, PAPI:

No

#### 37.2 Contact form questionnaire

Computer assisted personal interview, CAPI:

Yes

Paper and pencil interview, PAPI:

No

### 38 Type of research instrument

**Structured questionnaires in:**

Swedish

### 39 Field work period(s)

26.08.16 - 10.02.17

### 40 Geographic unit

Have there been any changes in the region variable (REGIONxx) since the last round? No

Statistical inference possible at the regional level: No

Is your country part of the NUTS nomenclature or Eurostat's statistical regions for EFTA and Candidate countries? Yes

**Suggested grouping of the regional categories:**

Statistical inference is possible on the NUTS-2 level by grouping the categories below like this

Stockholm (Stockholms län)

Östra Mellansverige (Uppsala län, Södermanlands län, Östergötlands län, Örebro län, Västmanlands län)

Småland med öarna (Jönköpings län, Kronobergs län, Kalmar län, Gotlands län)

Sydsverige (Blekinge län, Skåne län)

Västsverige (Hallands län, Västra Götalands län)

Norra mellansverige (Värmlands län, Dalarnas län, Gävleborgs län)

Mellersta Norrland (Västernorrlands län, Jämtlands län)

Övre Norrland (Västerbottens län, Norrbottens län) :

NUTS level in data file

NUTS 3

**Geographic units in dataset:**

SE110 Stockholms län

SE121 Uppsala län

SE122 Södermanlands län

SE123 Östergötlands län  
SE124 Örebro län  
SE125 Västmanlands län  
SE211 Jönköpings län  
SE212 Kronobergs län  
SE213 Kalmar län  
SE214 Gotlands län  
SE221 Blekinge län  
SE224 Skåne län  
SE231 Hallands län  
SE232 Västra Götalands län  
SE311 Värmlands län  
SE312 Värmlands län  
SE312 Dalarnas län  
SE313 Gävleborgs län  
SE321 Västernorrlands län  
SE322 Jämtlands län  
SE331 Västerbottens län  
SE332 Norrbottens län

#### **41 Geographic coverage**

Sweden

#### **42 Sampling procedure**

Sampling Frame:

Register of the population.

Sampling Design:

Stratified simple random sampling. The strata were the eight NUTS-2 regions in Sweden.

The number of individuals selected from each region was proportional to the population size in the region.

##### **42.1 Use of opt-out list**

Does some kind of opt-out list exist in your country?

No

When does the opt-out list take effect:

## 43 Fieldwork procedures

### 43.1 Interviewer selection

Total number of interviewers:	83
Number of interviewers with previous experience from working with the ESS:	63
Number of interviewers who have not done any face-to-face interviewing work before:	0
Number of interviewers who have not done any interviewing work before (regardless of the survey, mode or sample type):	0

### 43.2 Briefing of interviewers

How many of the interviewers received ESS specific personal briefing?:	83
Total length of ESS specific personal briefing(s) per interviewer:	4-8 hours
Written ESS specific instructions:	Yes
Was the ESS Interviewer Manual provided to interviewers:	Yes
Were the ESS briefing slides used for briefing:	Yes
Was the ESS briefing example interview ("dummy interview") conducted using the guidance provided:	Yes
Training in refusal conversion:	Yes
Training on how to fill in contact forms:	Yes
Training on how to fill in observable and dwelling information:	No
<b>Materials on observable and dwelling information:</b>	
Photos:	Yes
Video-tape recording:	No
If yes to photos used, were these adapted to suit the situation in your country?	Yes

### 43.3 Employment status of interviewers

Free-lance interviewers:	No
Employees of the fieldwork organisation:	Yes
Other:	No

### 43.4 Payments of interviewers

Hourly rate:	Yes
Per completed interview:	Yes
Assignment fee (set fee for working on a set of sample units):	No
A regular fixed salary:	No
Bonus arrangement:	No
Other:	No

### 43.5 Advance information

Use of advance letter:	Yes
Use of brochure:	Yes

### 43.6 Call schedules

First contact by:	Telephone
Number of minimum required calls per respondent (in total):	20

### 43.7 Respondent incentives

Respondent incentives:	Yes
Unconditional monetary incentives, paid before the interview:	No
Conditional monetary incentives, upon completion of the interview:	No



Unconditional non-monetary incentives (incl. vouchers), provided before the interview:	Yes
Conditional non-monetary incentives (incl. vouchers), upon completion of the interview:	No
<b>Other response enhancing measures:</b>	
Use of other response enhancing measures (call-center, web-pages, etc.):	Yes
<b>Description of other response enhancing measures:</b>	
- Web-page	
- Toll-free telephone number	

#### 43.8 Strategies for refusal conversion

Strategies for refusal conversion:	Yes
<b>If yes, please describe:</b>	
All refusals were re-contacted by special refusal conversion interviewers. Non-contacts and "soft refusals" were contacted again by letter. Extra incentives were also used.	

#### 43.9 Pretest

The period in which the pretest interviews were held:	19.05.16 - 20.06.16
Number of pretest interviews:	50
<b>Which techniques were used in the pre-test?</b>	
face-to-face interviews (like in the main survey)	Yes
cognitive interviews	No
tape recording of interviews	No
video recording of interviews	No
other, please describe:	
<b>What was the main purpose of the pre-test?</b>	
check the translations	Yes
check the CAPI script / routing	Yes
check the PAPI questionnaire / routing	No

#### 44 Control operation

##### 44.1 Interviews

Number of units selected for back-check:	546
Number of back-checks achieved:	255
Number of units where outcome was confirmed:	255
Type of back-check: Personal or Telephone:	Telephone

##### 44.2 Refusals

Number of units selected for back-check:	546
Number of back-checks achieved:	452
Number of units where outcome was confirmed:	0
Type of back-check: Personal, Telephone or Mail:	Telephone

##### 44.3 Non-contacts

Number of units selected for back-check:	0
Number of back-checks achieved:	0
Number of units where outcome was confirmed:	0
Type of back-check: Personal, Telephone or Mail:	

#### 45 Cleaning operations

##### 45.2 Checking and control of main questionnaire CAPI program(s)

Manual checks, dummy data and printed scripts in text-format.

#### 45.3 Verification of optical scanning or keying of main questionnaire

Was the scanning or keying of the main questionnaire checked?:

Approximate proportion of the main questionnaires checked:

#### 45.4 Anonymization

##### **Techniques used in the assessment of anonymity:**

We checked frequencies for a number of variables that could be considered sensitive.

For age we compared with an external data source covering the total population.

##### **Variables included in the assessment of anonymity:**

agea/yrbrn, ancestry1 and ancestry 2

##### **Variables edited to ensure anonymity:**

agea/yrbrn, ancestry1 and ancestry 2

##### **Method used in anonymization of variables:**

Restricted the upper range for agea and the lower range for yrbrn. Yearbirth and age variables were recoded so that individuals who are 90 years old or older got the same value.

Values of ancry1 and ancry2 were aggregated into world regions (except for Swedish nfs).

#### 46 Deviations

F3a (YRBRN): For anonymity reasons, all respondents born before 1926 have been coded 1926 as birthyear.

F3b (AGEA): For anonymity reasons, all respondents over 90 years of age are recorded to be 90 years old.

F61 (ANCTRY1, ANCTRY2): The underlying national questionnaire item (showcard) has changed since previous round. For anonymity reasons, all respondents with ancestries other than Swedish, have either been aggregated to world regions (one digit) or to North European (Nordic, two digits).

## 47 Response rates

### 47.1 Break down of response and non response, main questionnaire

A. Total number of issued sample units (addresses, households or individuals):	3750
B. Refusal by respondent:	1301
C. Refusal by proxy, or household or address refusal:	135
D. Refusals by opt-out list:	0
E. No contact (after at least 4 visits):	146
F. Language barrier:	140
G. Respondent ill or incapacitated, unable to co-operate throughout fieldwork period:	96
H. Contact, but no interview for other reasons (broken appointment, respondent unavailable, other reasons):	237
I. Address not traceable:	0
J. Address not residential (institution, business/industrial purpose) / Respondent resides in an institution:	19
K. Address not occupied (not occupied, demolished, not yet built) / Address occupied, but no resident household (weekend or second home):	0
L. Other ineligible address:	47
M. Respondent emigrated/left the country long term (for more than 6 months):	70
N. Respondent deceased:	8
U. Invalid interviews:	0
V. Number of valid interviews:	1551
X. Records in the data file:	1551
Y) Number of sample units not accounted for:	0
Response rate main questionnaire $X/(A-(\text{sum of J,K,L,M,N}))$ :	43.01%

## 48 Estimates of Sampling error

## 49 Weighting

Basic characteristics of the design weight calculation process:

Number of realised stages: 1

Number of initial weights above 4 times the mean: 0

Initial weights above 4: -

IDNOs of initial weights above 4: -

DeffP: 1,00

## 50 Other study-related materials

### 50.7 Occupation coding

#### Classification used in coding of occupation:

First coded to a national classification based on ISCO and then bridged to match the ISCO08: No

First coded to a national classification and then bridged to match the ISCO08: No

No previous coding, occupation coded directly into the 4-digit ISCO08: Yes

#### Occupation coding procedures:

When did the coding of occupation for respondent and partner take place:

At the time of the interview: No

Later on: Yes

#### Number of occupation coders:

2

Coding procedures:

Were any occupation strings coded by more than one coder (double coding): Yes  
Was an adjudicator used: No  
If yes, was adjudication done:  
by sampling  
on difficult cases  
Is some kind of automatic/semiautomatic coding used in the coding process: No

**Short description of coding and checking procedures:**

No written instructions was used but the people who did the coding had extensive experience of coding from previous waves of ESS. Two coders worked in parallel. Coders carried out the coding using the Ascribe software. Answers that was not coded in the same way by the two coders was evaluated on more time and assigned the proper code.

## Switzerland

### 33 Data collector

M.I.S. Trend SA, Lausanne, Switzerland

### 34 Depositor

Michèle Ernst Stähli, FORS, Switzerland

### 35 Funding agency

SNFS (Swiss National Science Foundation)

### 36 Grant number

10F114\_151000 / 1

### 37 Mode of data collection

#### 37.1 Main questionnaire

Computer assisted personal interview, CAPI: Yes

Paper and pencil interview, PAPI: No

#### 37.2 Contact form questionnaire

Computer assisted personal interview, CAPI: Yes

Paper and pencil interview, PAPI: Yes

### 38 Type of research instrument

#### Structured questionnaires in:

German/Swiss-German, French, Italian

### 39 Field work period(s)

01.09.16-02.03.17

### 40 Geographic unit

Have there been any changes in the region variable (REGIONxx) since the last round? No

Statistical inference possible at the regional level: Yes

Is your country part of the NUTS nomenclature or Eurostat's statistical regions for EFTA and Candidate countries? Yes

NUTS level in data file 2

#### Geographic units in dataset:

CH01 - Région lémanique

CH02 - Espace Mittelland

CH03 - Nordwestschweiz

CH04 - Zürich

CH05 - Ostschweiz

CH06 - Zentralschweiz

CH07 - Ticino

### 41 Geographic coverage

Switzerland

### 42 Sampling procedure

Sampling Frame:

Population register: Stichprobenrahmen für Personen- und Haushaltserhebungen. The sampling frame is obtained by joining/matching population registers of cantons and

municipalities, and federal registers (of immigrants, international civil servants, etc).

#### Sampling Design:

It is essentially a simple random selection of residents aged 15 and over on national level drawn by the Swiss Federal Statistical Office from the SRPH (Population register: Stichprobenrahmen für Personen- und Haushaltserhebungen). However, in order to avoid multiple selections of units within the same households and unnecessary repeated selections of households over time, a two-phase procedure and coordinated Poisson sampling procedure in the first phase is applied. The proportional probability by NUTS2 ensures that some regions with heavy survey loads are not underrepresented in the gross sample (namely in region Ticino, which is very often oversampled). The sampling is done using Poisson sampling and is therefore neither systematic nor stratified. The seven great regions are used in order to better control the size of the sample, as the inclusion probabilities can be defined using the seven great regions. However, the seven great regions don't act as strata. The sampling frame consists of all individuals resident in Switzerland.

#### 42.1 Use of opt-out list

Does some kind of opt-out list exist in your country?

No

When does the opt-out list take effect:

## 43 Fieldwork procedures

### 43.1 Interviewer selection

Total number of interviewers:	61
Number of interviewers with previous experience from working with the ESS:	43
Number of interviewers who have not done any face-to-face interviewing work before:	8
Number of interviewers who have not done any interviewing work before (regardless of the survey, mode or sample type):	8

### 43.2 Briefing of interviewers

How many of the interviewers received ESS specific personal briefing?:	61
Total length of ESS specific personal briefing(s) per interviewer:	more than 8 hours
Written ESS specific instructions:	Yes
Was the ESS Interviewer Manual provided to interviewers:	No
Were the ESS briefing slides used for briefing:	Yes
Was the ESS briefing example interview ("dummy interview") conducted using the guidance provided:	Yes
Training in refusal conversion:	Yes
Training on how to fill in contact forms:	Yes
Training on how to fill in observable and dwelling information:	Yes
<b>Materials on observable and dwelling information:</b>	
Photos:	Yes
Video-tape recording:	No
If yes to photos used, were these adapted to suit the situation in your country?	Yes

### 43.3 Employment status of interviewers

Free-lance interviewers:	Yes
Employees of the fieldwork organisation:	Yes
Other:	No

### 43.4 Payments of interviewers

Hourly rate:	No
Per completed interview:	Yes
Assignment fee (set fee for working on a set of sample units):	Yes
A regular fixed salary:	No
Bonus arrangement:	Yes
Other:	No

#### **If bonus arrangement or other, please specify:**

Interviewers are paid per completed interview and compensated with a lump-sum for each contact attempt resp. for travel fees.  
Additionally to the CAPI interviewers, the fieldwork agency hired CATI interviewers (for contact attempts ONLY). These were remunerated on an hourly basis.

### 43.5 Advance information

Use of advance letter:	Yes
Use of brochure:	Yes

### 43.6 Call schedules

First contact by:	Visit
Number of minimum required visits per respondent/sampling unit in total:	5

Number of visits required to be on a weekend:	1
Number of visits required to be in the evening:	1

#### 43.7 Respondent incentives

Respondent incentives:	Yes
Unconditional monetary incentives, paid before the interview:	Yes
Conditional monetary incentives, upon completion of the interview:	No
Unconditional non-monetary incentives (incl. vouchers), provided before the interview:	No
Conditional non-monetary incentives (incl. vouchers), upon completion of the interview:	Yes

**Please specify:**

Additionally to the unconditional CHF 10.- cash incentive sent along the advance letter, all respondents received a telescopic umbrella. This conditional incentive was appreciated by the interviewers and respondents.

**Other response enhancing measures:**

Use of other response enhancing measures (call-center, web-pages, etc.):	Yes
--	-----

**Description of other response enhancing measures:**

For respondents:

- Sampled units were sent an advance letter including a brochure with details on the ESS.
- The fieldwork agency provided a tollfree hotline for respondents.
- Non-contacts were sent a reminder letter showing a hotline number and including response card as possible means to make an appointment for an interview.
- Interviewers used an internationally comparing graph on the relationship between satisfaction with life and economic performance to demonstrate analyses done with ESS data; french speaking interviewers also used the translated Topline Results on health
- For refusal conversions, they could also show and offer a national booklet with findings of ESS 2014.
- Accommodated on the FORS website, there is a respondent-specific web-page (in German and French) that was made available to the whole sample.

For interviewers:

Interviewers were regularly sent a dashboard with their outcomes, comparing them to the target and mean. Outcomes close to target or above mean were in green, those below in red (or orange). So they could see at a glance where they have to put more efforts (contacts, avoid refusals, etc.).

The conditional non-monetary incentive has been introduced to make them feel more comfortable in the interaction with the respondents. They were so able to offer something back after the interview.

#### 43.8 Strategies for refusal conversion

Strategies for refusal conversion:	Yes
------------------------------------	-----

**If yes, please describe:**

Following a reminder via letter, refusals were contacted face-to-face by a specially trained and experienced interviewer.

Refusals announced by the sample units directly at FORS or at the survey agencies were not reissued for conversion. For the conversion attempts, interviewers could use a twelve-page booklet with findings of previous ESS-rounds, and the french speaking also the Topline Results on health.

After the face-to-face refusal conversion procedure, all non-respondents with a known fixed-line telephone number where contacted by phone.

#### 43.9 Pretest

The period in which the pretest interviews were held:	10.08.16 - 12.08.16
---	---------------------



Number of pretest interviews:	50 (20 German, 20 French, 10 Italian)
<b>Which techniques were used in the pre-test?</b>	
face-to-face interviews (like in the main survey)	Yes
cognitive interviews	No
tape recording of interviews	No
video recording of interviews	No
other, please describe:	some answers were cognitively checked during regular interview
<b>What was the main purpose of the pre-test?</b>	
check the translations	Yes
check the CAPI script / routing	Yes
check the PAPI questionnaire / routing	No

#### 44 Control operation

##### 44.1 Interviews

Number of units selected for back-check:	1510
Number of back-checks achieved:	505
Number of units where outcome was confirmed:	505
Type of back-check: Personal or Telephone:	Telephone

##### 44.2 Refusals

Number of units selected for back-check:	All refusal checks after the FtF contact attempts are done with a possible conversion in mind (CATI and postcard phase)
Number of back-checks achieved:	
Number of units where outcome was confirmed:	
Type of back-check: Personal, Telephone or Mail:	

##### 44.3 Non-contacts

Number of units selected for back-check:	All non-contact checks after the FtF contact attempts are done with a possible conversion in mind (CATI and postcard phase)
Number of back-checks achieved:	
Number of units where outcome was confirmed:	
Type of back-check: Personal, Telephone or Mail:	

#### 45 Cleaning operations

##### 45.2 Checking and control of main questionnaire CAPI program(s)

Additionally to the checks through the pretests, every language version has been controlled by the survey organization as well as by members of the Swiss ESS team, before and after the pretest. Using a comprehensive range of respondent-scenarios, two native researchers per language (one in Italian) tested CAPI programming on consistency of rooting, wording and lay-out.

#### **45.3 Verification of optical scanning or keying of main questionnaire**

Was the scanning or keying of the main questionnaire checked?:

Approximate proportion of the main questionnaires checked:

#### **45.4 Anonymization**

##### **Techniques used in the assessment of anonymity:**

Lists of variable combinations have been checked for special cases and, if possible, cross-checked for rarity in the population.

##### **Variables included in the assessment of anonymity:**

Household size, occupation, region, country of birth, citizenship, mother's and father's country of birth, both ancestry items.

##### **Variables edited to ensure anonymity:**

None.

##### **Method used in anonymization of variables:**

None.

#### **46 Deviations**

F61 (ANCTRY1, ANCTRY2): The underlying national questionnaire item (showcard) has changed since previous round.

## 47 Response rates

### 47.1 Break down of response and non response, main questionnaire

A. Total number of issued sample units (addresses, households or individuals):	2946
B. Refusal by respondent:	636
C. Refusal by proxy, or household or address refusal:	127
D. Refusals by opt-out list:	0
E. No contact (after at least 4 visits):	285
F. Language barrier:	83
G. Respondent ill or incapacitated, unable to co-operate throughout fieldwork period:	89
H. Contact, but no interview for other reasons (broken appointment, respondent unavailable, other reasons):	149
I. Address not traceable:	20
J. Address not residential (institution, business/industrial purpose) / Respondent resides in an institution:	5
K. Address not occupied (not occupied, demolished, not yet built) / Address occupied, but no resident household (weekend or second home):	0
L. Other ineligible address:	2
M. Respondent emigrated/left the country long term (for more than 6 months):	11
N. Respondent deceased:	7
U. Invalid interviews:	0
V. Number of valid interviews:	1525
X. Records in the data file:	1525
Y) Number of sample units not accounted for:	7
Response rate main questionnaire $X/(A-(\text{sum of J,K,L,M,N}))$ :	52.21%

## 48 Estimates of Sampling error

## 49 Weighting

Basic characteristics of the design weight calculation process:

Number of realised stages: 1

Number of initial weights above 4 times the mean: 0

Initial weights above 4: -

IDNOs of initial weights above 4: -

DeffP: 1,00

## 50 Other study-related materials

### 50.7 Occupation coding

#### Classification used in coding of occupation:

First coded to a national classification based on ISCO and then bridged to match the ISCO08: No

First coded to a national classification and then bridged to match the ISCO08: No

No previous coding, occupation coded directly into the 4-digit ISCO08: Yes

#### Occupation coding procedures:

When did the coding of occupation for respondent and partner take place:

At the time of the interview: No

Later on: Yes

#### Number of occupation coders:

2

Coding procedures:

Were any occupation strings coded by more than one coder (double coding):	No
Was an adjudicator used:	Yes
If yes, was adjudication done:	
by sampling	Yes
on difficult cases	Yes
Is some kind of automatic/semiautomatic coding used in the coding process:	Yes

**Short description of coding and checking procedures:**

Coding was done using a programme that proposed codes that are most similar to the terms interviewers registered. Based on a comprehensive national classification system of professions provided by the federal statistical office, the programme measured the "Levenshtein-distance" (algorithm measuring "similarity of words") to the profession interviewers coded and proposed the 10 most similar names from the list and respective ISCO-08 codes. The researcher decided whether to use one of the proposed codes or manually inserted the right code with the help of the ILO-specifications. With this technique more than 95% of the cases can be coded.

Difficult cases were discussed with a team member. Coding finally was validated via crossing with education: cases with suspicious combinations (high education, high ISCO and vice versa) were controlled.

## United Kingdom

### 33 Data collector

National Centre for Social Research

### 34 Depositor

Alun Humphrey, National Coordinator

### 35 Funding agency

Economic and Social Research Council

### 36 Grant number

ES/L007118/1

### 37 Mode of data collection

#### 37.1 Main questionnaire

Computer assisted personal interview, CAPI:

Yes

Paper and pencil interview, PAPI:

No

#### 37.2 Contact form questionnaire

Computer assisted personal interview, CAPI:

No

Paper and pencil interview, PAPI:

Yes

### 38 Type of research instrument

**Structured questionnaires in:**

English

### 39 Field work period(s)

01.09.16 - 20.03.17

### 40 Geographic unit

Have there been any changes in the region variable (REGIONxx) since the last round? No

Statistical inference possible at the regional level: No

Is your country part of the NUTS nomenclature or Eurostat's statistical regions for EFTA and Candidate countries? Yes

#### **Suggested grouping of the regional categories:**

The sample design stipulated a representative sample of those aged 15 or above living in the UK. Given the varying population sizes across Regions, the sample sizes across regions also vary. While it is possible to group together some neighbouring regions, as below, some regions are still too small to produce representative samples on a regional level. In particular, Wales, Scotland and Northern Ireland are treated as different countries under the United Kingdom and so we do not recommend merging them together; they are too small to analyse on their own.

North (North East, North West, Yorkshire and Humber)

Midlands (East Midlands and West Midlands)

South (East of England, South East, South West)

Wales

Scotland

Northern Ireland

NUTS level in data file

1

#### **Geographic units in dataset:**

UKC - North East (England)  
UKD - North West (England)  
UKE - Yorkshire and the Humber  
UKF - East Midlands (England)  
UKG - West Midlands (England)  
UKH - East of England  
UKI - London  
UKJ - South East (England)  
UKK - South West (England)  
UKL - Wales  
UKM - Scotland  
UKN - Northern Ireland

#### **41 Geographic coverage**

Excluded areas are north of the Caledonian Canal, the Isle of Man and the Channel Islands

#### **42 Sampling procedure**

Sampling Frame:

A list of postcode sectors built from the Post Office's small user postcode address file (PAF), with smaller sectors (fewer than 500 delivery points) merged together (first stage).  
The full PAF (list of postal delivery points) at the second stage.

Sampling Design:

A 5-stage design, though in most cases two of the stages are nominal, so it approximates to a 3-stage design. The stages correspond to selection of Postcode sectors, PAF addresses, dwellings, households, and persons. Postcode sectors were implicitly stratified and 250 were selected with systematic sampling and probability proportional to size (number of PAF addresses). At the second stage, 20 addresses were selected systematically (equal probabilities) from each selected sector. Kish's procedure was used at the third, fourth and fifth stages.

##### **42.1 Use of opt-out list**

Does some kind of opt-out list exist in your country?

No

When does the opt-out list take effect:

## 43 Fieldwork procedures

### 43.1 Interviewer selection

Total number of interviewers:	214
Number of interviewers with previous experience from working with the ESS:	78
Number of interviewers who have not done any face-to-face interviewing work before:	24
Number of interviewers who have not done any interviewing work before (regardless of the survey, mode or sample type):	24

### 43.2 Briefing of interviewers

How many of the interviewers received ESS specific personal briefing?:	197
Total length of ESS specific personal briefing(s) per interviewer:	4-8 hours
Written ESS specific instructions:	Yes
Was the ESS Interviewer Manual provided to interviewers:	Yes
Were the ESS briefing slides used for briefing:	Yes
Was the ESS briefing example interview ("dummy interview") conducted using the guidance provided:	Yes
Training in refusal conversion:	Yes
Training on how to fill in contact forms:	Yes
Training on how to fill in observable and dwelling information:	Yes
<b>Materials on observable and dwelling information:</b>	
Photos:	Yes
Video-tape recording:	No
If yes to photos used, were these adapted to suit the situation in your country?	Yes

### 43.3 Employment status of interviewers

Free-lance interviewers:	Yes
Employees of the fieldwork organisation:	No
Other:	No

### 43.4 Payments of interviewers

Hourly rate:	No
Per completed interview:	Yes
Assignment fee (set fee for working on a set of sample units):	No
A regular fixed salary:	No
Bonus arrangement:	No
Other:	No

### 43.5 Advance information

Use of advance letter:	Yes
Use of brochure:	Yes

### 43.6 Call schedules

First contact by:	Visit
Number of minimum required visits per respondent/sampling unit in total:	6
Number of visits required to be on a weekend:	2
Number of visits required to be in the evening:	2

### 43.7 Respondent incentives

Respondent incentives:	Yes
------------------------	-----

Unconditional monetary incentives, paid before the interview:	No
Conditional monetary incentives, upon completion of the interview:	No
Unconditional non-monetary incentives (incl. vouchers), provided before the interview:	Yes
Conditional non-monetary incentives (incl. vouchers), upon completion of the interview:	No

**Please specify:**

£10 Post Office Payout voucher included with advance letter. Recipients have to present the letter at a Post Office where they receive £10 cash.

**Other response enhancing measures:**

Use of other response enhancing measures (call-center, web-pages, etc.):	Yes
--	-----

**Description of other response enhancing measures:**

A bespoke survey website was provided, detailed in the advance letter.

A freephone number was provided to provide more information, staffed by trained telephone interviewers

The advance letter contained a series of FAQ

**43.8 Strategies for refusal conversion**

Strategies for refusal conversion:	Yes
------------------------------------	-----

**If yes, please describe:**

All interviewers were trained in refusal conversion using the examples provided in the ESS briefing instructions. Workshops were undertaken where each of the reasons for refusal highlighted in the instructions were considered and counter-arguments discussed.

Initially unproductive cases were reissued to a different interviewer. 1,631 cases were reissued for interviewers to attempt an interview.

**43.9 Pretest**

The period in which the pretest interviews were held:	01.07.16 - 24.07.16
---	---------------------

Number of pretest interviews:	5
-------------------------------	---

**Which techniques were used in the pre-test?**

face-to-face interviews (like in the main survey)	Yes
---	-----

cognitive interviews	No
----------------------	----

tape recording of interviews	No
------------------------------	----

video recording of interviews	No
-------------------------------	----

other, please describe:

**What was the main purpose of the pre-test?**

check the translations	No
------------------------	----

check the CAPI script / routing	Yes
---------------------------------	-----

check the PAPI questionnaire / routing	No
--	----

**44 Control operation**

**44.1 Interviews**

Number of units selected for back-check:	206
--	-----

Number of back-checks achieved:	190
---------------------------------	-----

Number of units where outcome was confirmed:	190
--	-----

Type of back-check: Personal or Telephone:	Telephone
--	-----------

**44.2 Refusals**

Number of units selected for back-check:	889 (as part of reissues process)
--	-----------------------------------

Number of back-checks achieved:	743
---------------------------------	-----



Number of units where outcome was confirmed:  
Type of back-check: Personal, Telephone or Mail: Personal

#### 44.3 Non-contacts

Number of units selected for back-check: 200 (as part of reissues process)  
Number of back-checks achieved: 200  
Number of units where outcome was confirmed: 131  
Type of back-check: Personal, Telephone or Mail: Personal

#### 45 Cleaning operations

##### 45.2 Checking and control of main questionnaire CAPI program(s)

The CAPI program was checked in full against the questionnaire provided by the ESS team by members of the national coordination team. Question wording, answer options, labels, showcard instructions, on-screen interviewer instructions and routing were all systematically checked in this way

##### 45.3 Verification of optical scanning or keying of main questionnaire

Was the scanning or keying of the main questionnaire checked?:  
Approximate proportion of the main questionnaires checked:

##### 45.4 Anonymization

###### Techniques used in the assessment of anonymity:

Review of frequencies of key identifiable variables including 4-digit ISCO. Where frequencies of less than 5, case only reported to 2-digit level.

Review of verbatim responses and removal/editing of potentially identifiable data such as company name or rare occupations.

###### Variables included in the assessment of anonymity:

Religion, citizenship, language, parents' country of birth, year of birth, workplace characteristics, industry, occupation (including partner, father and mother), ancestry, household size, all verbatim responses.

###### Variables edited to ensure anonymity:

Religion, citizenship, language, parents' country of birth, year of birth, workplace characteristics, industry, occupation (including partner, father and mother), ancestry, some verbatim responses.

###### Method used in anonymization of variables:

A combination of cell suppression, rounding to higher level; idno, intnum and psu have been replaced with randomly ordered sequential numbers.

#### 46 Deviations

C12 (RLGDNM): For anonymity reasons a number of substantial responses have been recoded to missing value (99 "No answer") by the national team.

C12 (RLGDNGB): For anonymity reasons a number of substantial responses have been recoded to missing value (99 "No answer") by the national team.

C14 (RLGDNME): For anonymity reasons a number of substantial responses have been recoded to missing value (99 "No answer") by the national team.

C14 (RLGDEGB): For anonymity reasons a number of substantial responses have been recoded to missing value (9999 "No answer") by the national team.

C21 (CTZSHIPC): For anonymity reasons, a number of substantial responses have been

recoded to missing value (99 "No answer") by the national team.

C23 (CNTBRTHC): For anonymity reasons a number of substantial responses have been recoded to missing value (99 "No answer") by the national team.

C28 (FBRNCNTB): For anonymity reasons a number of substantial responses have been recoded to missing value (99 "No answer") by the national team.

F22 (EMPLNO): For anonymity reasons a number of substantial responses have been recoded to missing value (99999 "No answer") by the national team.

F26 (NJBSPV): For anonymity reasons a number of substantial responses have been recoded to missing value (99999 "No answer") by the national team.

F31 (NACER2): For anonymity reasons a number of substantial responses have been recoded to missing value (999 "No answer") by the national team.

F33-34a (ISCO08): For anonymity reasons a number of codes at four-digit level (unit groups) have been aggregated to two-digit level (sub-major groups).

F47-F49 (ISCO08P): For anonymity reasons a number of codes at four-digit level (unit groups) have been aggregated to two-digit level (sub-major groups).

F61 (ANCTRY1, ANCTRY2): The underlying national questionnaire item (showcard) has changed since previous round. For anonymity reasons a number of substantial responses for ANCTRY1 have been recoded to missing value ("999999" No answer) by the national team.

INWTM: Due to a CAPI error, it was not possible to calculate interview time for a substantial amount of respondents (N=389)

## 47 Response rates

### 47.1 Break down of response and non response, main questionnaire

A. Total number of issued sample units (addresses, households or individuals):	5000
B. Refusal by respondent:	791
C. Refusal by proxy, or household or address refusal:	756
D. Refusals by opt-out list:	
E. No contact (after at least 4 visits):	582
F. Language barrier:	60
G. Respondent ill or incapacitated, unable to co-operate throughout fieldwork period:	111
H. Contact, but no interview for other reasons (broken appointment, respondent unavailable, other reasons):	212
I. Address not traceable:	4
J. Address not residential (institution, business/industrial purpose) / Respondent resides in an institution:	61
K. Address not occupied (not occupied, demolished, not yet built) / Address occupied, but no resident household (weekend or second home):	288
L. Other ineligible address:	76
M. Respondent emigrated/left the country long term (for more than 6 months):	0
N. Respondent deceased:	0
U. Invalid interviews:	1
V. Number of valid interviews:	1959
X. Records in the data file:	1959
Y) Number of sample units not accounted for:	99
Response rate main questionnaire $X/(A-(\text{sum of J,K,L,M,N}))$ :	42.82%

## 48 Estimates of Sampling error

## 49 Weighting

Basic characteristics of the design weight calculation process:

Number of realised stages: 5

Number of initial weights above 4 times the mean: 12

Initial weights above 4: 4.43, 4.43, 4.43, 4.92, 5.91, 6.89, 10.83, 10.83, 14.77, 17.72, 21.66, 24.62

IDNOs of initial weights above 4: 100000484, 100000494, 100000643, 100000869, 100001154, 100001210, 100001524, 100002964, 100003326, 100003427, 100004561, 100004703

DeffP: 1,36

## 50 Other study-related materials

### 50.7 Occupation coding

#### Classification used in coding of occupation:

First coded to a national classification based on ISCO and then bridged to match the ISCO08: No

First coded to a national classification and then bridged to match the ISCO08: Yes

No previous coding, occupation coded directly into the 4-digit ISCO08: No

#### Occupation coding procedures:

When did the coding of occupation for respondent and partner take place:

At the time of the interview: No

Later on: Yes

**Number of occupation coders:**

3

Coding procedures:

Were any occupation strings coded by more than one coder (double coding): No

Was an adjudicator used: No

If yes, was adjudication done:

by sampling

on difficult cases

Is some kind of automatic/semiautomatic coding used in the coding process: Yes

**Short description of coding and checking procedures:**

Occupation coding was undertaken using computer-assisted occupation coding using a Blaise Trigram coding module developed by the Office for National Statistics. From SOC2010 we used the National Statistics conversion matrix to obtain ISCO08. Coding to other standards was undertaken using an edit version of the Blaise questionnaire program. Coders were briefed and given written coding instructions. The coders' initial work was checked by a member of the project team to ensure it was being administered correctly.