



# ESS11 2023 Data Protocol

Edition 1.2 February 2023



## Introduction

The object of the ESS11 2023 Data Protocol is to offer a comprehensive document with specifications and procedures to be used in the production of national ESS data files. The underlying principle is that resources put into the planning phase of an international survey result in national data of higher quality and standardisation, which in turn will advance the release of the integrated (official ESS11 2023) data files from the ESS website, [www.europeansocialsurvey.org](http://www.europeansocialsurvey.org).

In general, the Data Protocol gives specifications for the coding of data, the production and delivery of data files and other deliverables. Some of the specifications, for example coding standards, are found elsewhere on the ESS11 NC Intranet (myESS).

The Data Protocol defines what the National Teams are required to deposit to the ESS Archive. If the content and quality of the deliverables do not adhere to the specifications in the Data Protocol and the ESS11 NC Intranet, the archive reserves the right to ask for new deliverables.

Please read all sections of this Data Protocol. The first section A describes how the communication between the archive and the data providers is organised.

Section B, "Deliverables", gives an overview of the files and documents the National Teams are asked to deliver to the archive. Section B also describes the more practical issues concerning data delivery, as well as instructions on minimum requirements for disclosure risk assessment. Please pay special attention to sections B4, B5 and B6 all concerning reducing disclosure risk.

Section C of the Data Protocol deals with "principles of variable definitions". This section gives detailed information on the usage of missing values, how multiple responses are dealt with, as well as the rationale behind variable names, labels and categories. Please pay special attention to the coding of "Refusals" in section C1.

The use of international coding standards and classifications is described in section D. To avoid the use of different versions of the same international standards across countries, the National Teams are required to use the versions of the standards made available from the ESS11 NC Intranet.

Special variable topics like country-specific variables and administrative variables (including contact form data) are listed, explained and specified in section E, whereas section F contains tables of variable names and definitions for all data files.

Section G refers to programmes for applying labels, categories, and formats in SPSS and SAS. The programmes will be made available from the ESS11 NC Intranet.

Information about National Technical Summaries (NTS) is found in section H of the Data Protocol.

The National Teams will be informed in myESS when the Data Protocol and the ESS11 NC Intranet are updated.

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## Changes from previous editions

### Changes from edition 1.1

Changes in section F Variable definitions:

- **ctrlife (D1)**: Category 9 added to value scale.
- **alcwkdy (D7)-alcwknd (D8)**: format changed to F4.
- **testji1 (I1)-testji3 (I3)**: Typo in response option 3 (“Somewhat likely”) corrected.
- **typsampa**: Variable typesamp in CF section renamed typsampa due to removal of category 2 “Household”. Filter instructions in CFA1 to CFB8 changed accordingly.

### Changes from edition 1.0

Changes in section F Variable definitions:

- **testjc37-testjc39**: Typo in numbering of response option 5 corrected and response option 6 “Not applicable” added.
- **testjc40-testjc42**: format changed to F1.

## Main changes from the ESS round 10 Data Protocol

*B1 Deliverables to Sikt, overview.*

In ESS11, the Interim Dataset Analysis Report has been added as a deliverable to the ESS Archive at Sikt.

*F1 Variable definitions in data file 1, Main questionnaire.*

In ESS11, a new module on recontact of respondent is added. Note that only one variables from this module should be included in the deposits to the Archive.

*F3 Variable definitions in data file 3, Contact forms, Idno and Cntry.*

In ESS11, we have limited the number of contact variables that are to be deposited to the Archive to 20.

*F5 Flowchart of the routings in the ESS Main questionnaire.*

In ESS11, flowcharts for rotating modules have been omitted.

*F6 Flowchart of the routings in the ESS Contact forms*

Contact form flowchart has been omitted from first edition of the ESS11 Data Protocol, but will be released as a separate document in January 2023.

## ***A. Procedures for the collaboration between the National Teams and Sikt***

### *The myESS portal*

The myESS portal for round 11 will be the central meeting place between Sikt and the National Teams during the data preparation, delivery and processing phases of the project. One purpose of myESS is to give all parties in the project easy access to the common set of tools and utilities that are used in the planning and production of the data files. myESS also provides secure transfer of possibly indirectly identifiable data from the National Teams to the Archive. The myESS portal will also constitute the main communication platform between the national teams and the Archive.

### *The ESS team at Sikt and primary contact persons*

The responsibility for the ESS round 11 data at Sikt is shared by a team of persons who are trained in the processing of comparative survey data. Each ESS country will be assigned a primary contact person from the ESS team at Sikt. This person will have the main responsibility for the production of the country's data files. All communication and collaboration with the Sikt team will be conducted through the myESS global forum (forum for data deposit and processing), and the country workspace. Even if the National Teams will have a designated contact person at Sikt, all members of the ESS team at Sikt will have access to the country workspaces, ensuring that your queries are read even if your contact person is out of office. In the unlikely event that the ESS11 NC Intranet/myESS workspace is inaccessible, the Sikt team can be reached by project email address [essdata@sikt.no](mailto:essdata@sikt.no). When you send emails to your contact person, please address them to the project email address. This will ensure that your emails are read even if your contact person is out of office.

### *Consultation processes*

Prior to the fieldwork period, consultation processes have been initiated on the measures of partnership status (relationship status and legal marital status), education, religion, income and ancestry. The National Teams are asked to answer specific queries regarding coding templates well in advance of the start of the fieldwork. The purpose of the consultation process is to improve data quality, as well as ease the data processing burden post-fieldwork. The outcome of these consultation processes will be made available from the country workspaces on myESS.

### *Data deposit*

When deliverables (see section B) are ready for delivery to the archive, the National Teams are required to use the "Deposit data" option on the myESS portal. When the transfer is successfully completed, the Sikt team will automatically be notified by the system. Sikt will shortly after get in touch with the National Teams confirming the delivery.

### *Data processing*

The production and cleaning of data will be based on a dialogue between Sikt and the National Teams. Whenever the processing involves decisions not specified in the standard procedures, the National Team will be notified and asked for advice. Processing will be done in two main steps, each followed by a report documenting the results.

Please be aware that if (parts of) the data files or documentation deviate too much from the specifications in the Data Protocol, the National Team might be asked to make a new delivery containing corrected data and/or documentation.

### *Data validation*

When the processing of data is completed, the National Team will be notified and asked to go through Sikt's comparison report and drafts of the country's data files for validation. Only when the

processing and the draft file have been approved by the National Team can the files be finalised and included in the integrated files.

Please be aware that the draft file from Sikt will be a trial dataset made available in confidence for the National Coordinator, so that preliminary analyses may be undertaken as a means of 'testing' the data in advance of their widespread distribution. The file should be available only to persons who have been registered by the CST as members of the National Coordinator's team.

## ***B. Deliverables***

The final deadline for submitting ***all*** deliverables (data and documentation files) to the archive is ***February 29<sup>th</sup> 2024***. In addition, a deadline for priority for inclusion in the first release will be published.

The National Teams are required to use the ESS11 myESS portal to deposit their files. myESS provides secure transfer of all data, thus ensuring that possible indirectly identifiable data are both transferred and stored according to national and EU regulations. All national data files that arrive fully documented and in adherence with the specifications of the Data Protocol, within the deadline, will be included the integrated data file. The processing of country data is in general executed on a "first come first served basis".

If the content and quality of the deliverables do not adhere to the specification in the Data Protocol and the standards available from the ESS11 NC Intranet, the Archive reserves the right to ask for new deliverables.

### ***B1. Deliverables to Sikt***

The deliverables to Sikt include data files as well as text files documenting the national survey. The data files should be delivered with variable names, labels and categories as specified in the ESS11 Data Protocol (see section F and G).



<b>Deliverables</b>	<b>Possible file formats</b>	<b>Comment</b>
<b><u>Data files</u></b>		
1. Main questionnaire, including administrative variables (MS). 2. Interviewer questionnaire (I) 3. Contact form (CF)	<ul style="list-style-type: none"> <li>• SPSS system file</li> <li>• SPSS portable file</li> <li>• SPSS set up, reading data file</li> <li>• SAS system file, Windows</li> <li>• SAS portable file</li> <li>• SAS set up, reading data file</li> <li>• DTA file</li> <li>• CSV file</li> </ul>	See sections F1 – F3 and G in Data Protocol, and “Data Protocol and variable definitions” under <i>Prepare data</i> on the ESS10 NC Intranet for specifications of files. Value labels for country-specific variables must be deposited.
4. Sample design data file (SDDF)		See section B5.1 and F4
5. Raw data		See section B5.2 for specification of file
6. Verbatim recorded answers		See section B5.3 for specification of file
7. Verbatim recorded Ancestry		See section B5.4 for specification of file
<b><u>Documents</u></b>		
8. National Technical Summary (NTS), including appendices (education, income, political parties, marital and relationship status)	<ul style="list-style-type: none"> <li>• Main NTS: Questionnaire in myESS</li> <li>• Appendices: Word Processing Format</li> </ul>	See section H in Data Protocol and “Survey documentation” on the ESS11 NC Intranet
9. Population statistics	<ul style="list-style-type: none"> <li>• Excel or other spreadsheet format</li> </ul>	
10. Main questionnaire 11. Interviewer questionnaire 12. Contact form 13. Showcards 14. Interviewer and fieldwork instructions 15. Interviewer training material 16. Advance letters, brochure containing the obligatory data protection statement and other written information to the respondents	<ul style="list-style-type: none"> <li>• Word Processing Format</li> <li>• PDF</li> </ul>	In all languages fielded in the country  Please compile the showcards in one file (one file for each language fielded in the country)
17. CAPI programs/questionnaire	<ul style="list-style-type: none"> <li>• Word Processing Format</li> <li>• PDF</li> <li>• TXT</li> </ul>	Can be delivered as either a syntax or a questionnaire generated by the CAPI software
18. Interim Dataset Analysis Report	<ul style="list-style-type: none"> <li>• PDF</li> </ul>	For internal use, will not be published

## **B2. Common identifiers in data files**

The files deposited to Sikt should be prepared for merging, therefore all files must have common identifiers, i.e. respondents' identification number and country code (see section E2). Please make sure that the identification numbers are consistent across all data files.

## **B3. Checking data**

The National Teams are asked to check and edit the data with respect to uniqueness and consistency of identification number(s), wild codes and data consistency. The final wild code checking should be done after the Data Protocol variable names, labels and categories have been applied to the national data files (see section G).

*The minimum requirement* is that all data verification and editing depending on access to CAPI files must be done prior to delivering the data to the ESS Archive.

As a final check when the National Teams have received the draft file from Sikt, we ask the teams to compare the frequency distributions in the draft file with those of the original data file as generated from the CAPI programmes.

The National Teams are asked to supply information about the coding and cleaning procedures in the National Technical Summaries (see section H).

## **B4. Data for publication on the ESS Website, files 1, 2, 3**

### B4.1 Disclosure risk assessment

In accordance with the information provided to ESS respondents, multiple statistical measures are taken to make it extremely unlikely that participants is identifiable in the publicly available data. Hence, before depositing data to Sikt, each National Team is responsible for removing variables that can lead to the identification of individuals in the published data. This applies to the freely distributed data files (Main questionnaire, Interviewer questionnaire and Contact form). The National Teams will be asked to confirm in their National Technical Summary (NTS) that all data that will be made publicly available to users has been checked and edited with the aim to avoid identifiable information. Sections B4.2-B4.4 describe a set of minimum requirements that all countries must follow to reduce disclosure risk. In addition, the ESS Round 11 Anonymisation Guide provides further guidance on how to assess and minimise disclosure risk.

The checking of disclosure risk has to be done under the premise that the freely distributed data files MS, I and CF will be merged. The SDDFs will only be distributed under a special license.

### B4.2 File 1 data from the Main questionnaire including administrative variables

Even if all direct individual identifiers are removed, the main dataset contains a lot of factual information about the respondent. Combining demographic variables such as ancestry, country of birth, language spoken at home, household composition (size, age), religion, occupation, level of education, age, and NUTS region might cause to reveal the identity of a respondent. In particular outliers are in the risk zone of being unique in their characteristics and thus identifiable. The disclosure risk will, however, depend on the population size and other characteristics of the country. Disclosure risk must therefore be assessed at a country and regional level by each National Team.

A group of minimum requirements is set down by the Core Scientific Team of the ESS (CST) that all countries must follow to reduce the disclosure risk.

The National Teams are as a minimum required to perform the following precautions:

- a. IDNO - Respondent identification number: The number must not contain characteristics of the respondent, for instance by reference to a geographical area.
- b. YRBRN, YRBRN2-YRBRNn – Year of birth respondent and 2<sup>nd</sup> to n-th person in household: Year of birth must be recoded for the upper age groups as following: YRBRN<=1933 coded to 1933 for countries starting fieldwork in 2023.
- c. REGIONxx - Region (country-specific variable): the categories of the variable should cover areas of large populations to minimise disclosure risk, and be in accordance with the requirements specified in section E1.
- d. Ancestry (ANCTRY1, ANCTRY2), country of birth (CNTBRTHD), father’s country of birth (FBRNCNTC) and mother’s country of birth (MBRNCNTC), and language most often spoken at home (LNGHOM1, LNGHOM2) must all be assessed with respect to disclosure risk comparing frequencies and cross tabulations with population statistics at a national and regional level. It is strongly recommended that country of birth (CNTBRTHD) and country of birth of parents (FBRNCNTC, MBRNCNTC) are assessed together since they might represent combination of minority groups.
- e. Household size (HHMMB) and year of birth of household members (YRBRN2-N) should be assessed for outliers.

In addition to the minimum requirements listed above (a-e), National Teams are encouraged to also assess disclosure risks with respect to other variables, for example four-digit occupation codes. Countries already performing more extensive checks should of course continue to do so.

When editing variables with the aim to avoid disclosure risk, it is recommended to use the following procedures. Some standard precautions should be taken to ensure that the ESS data files embody as much information as possible but still comply with the requirements to make every effort to ensure that respondents cannot be identified.

Winsorization (limit extreme values, relevant for all the numeric background variables)

Aggregation (group data together, e.g. exact country of birth grouped into world regions)

Rounding (replacing value with a less precise and simpler value)

Substitution (replace data, e.g. switch from one country of birth to another, similar one)

Cell suppression (remove data by recoding to “no answer”)

#### B4.3 File 2 data from the Interviewer's questionnaire

Minimum requirements to reduce disclosure risk:

- a. IDNO - Respondent identification number: The number must not contain characteristics of the respondent, for instance by reference to a geographical area.
- b. INTNUM - Interviewer identification number: if the number contains characteristics of the interviewer, for instance by reference to a geographical area replace the number before deposit.

Further, please ensure that the INTNUMs are not the same as in previous ESS rounds or used in other surveys of the fieldwork organisation.

#### B4.4 File 3 data from the Contact forms

Minimum requirements to reduce disclosure risk:

- a. IDNO - Respondent identification number: The number must not contain characteristics of the respondent, for instance by reference to a geographical area.
- b. INTNUM1-3 - Interviewer identification number: if the number contains characteristics of the interviewer, for instance by reference to a geographical area replace the number before deposit.

Further, please ensure that the INTNUMs are not the same as in previous ESS rounds or used in other surveys of the fieldwork organisation.

### ***B5. Indirectly identifiable data, files 4, 5, 6, and 7***

The SDDF data, raw data and other verbatim recorded answers can – in combination with interview data – contain indirectly identifiable information.

In recognition of the large amount of resources put into the collection of the ESS data, it is required that the participating countries deposit raw, unedited data and verbatim recorded answers to the ESS Archive.

The deposit of data through the ESS11 myESS portal ensures safe transfer and storage of indirectly identifiable data, and secures that data transfer and storage is in line with GDPR regulations.

The raw data and sample design data will not be released to the public from the ESS website, but will be stored in a safe environment in accordance with the Data Processing Agreement between the ESS ERIC and the ESS Archive (Sikt).

#### B5.1. File 4: Sample design data files (SDDF)

The ESS Sampling and Weighting Expert Panel (SWEP) is responsible for the specifications and processing of the sample design data files (SDDF), and the co-operation will be organised directly between the National Team and their contact person in the SWEP. The deposit of SDDF is mandatory. The ESS round 11 data deposit will not be regarded as complete without this file. Sikt treats the SDDF data as non-anonymous.

#### B5.2. File 5: Raw data

In addition to the assessed and processed data files, the raw data to all questions in the main questionnaire are to be uploaded to Sikt via the ESS11 myESS portal. By raw data we mean data as they were keyed in your CAPI system. Verbatim recorded answers should be included in this file.

The preferred file formats for keyed raw data will be the same as for files 1 to 4. The files must contain the variable IDNO "RESPONDENT'S IDENTIFICATION NUMBER". Sikt treats raw data as non-anonymous.

#### B5.3. File 6: Verbatim recorded answers

All verbatim recorded answers are to be deposited as a separate file to the ESS11 myESS portal. In addition to being present in the raw data file, the verbatim recorded answers should be deposited as a separate file. For ESS round 11 this includes answers to questions C22 (Country of birth), C24 (First and possible second language spoken at home), C27 (Father's country of birth), C29 (Mother's country of birth), F31 Industry (NACER2), F33 (Job title), F34 (Job description), F34a (Required qualifications), F47 (Partner's job title), F48 (Partner's job description), and F49 (Partner's required qualifications). Please use the ESS source question numbers as variable names.

The file can have different formats, preferably SPSS or SAS, but delimited text files or spreadsheets can also be used. The files must contain, in addition to the verbatim variables, the variables IDNO "RESPONDENT'S IDENTIFICATION NUMBER" and CENTRY "COUNTRY". The verbatim recorded answers might be indirectly identifiable and thus non-anonymous.

#### B5.4. File 7: Verbatim recorded Ancestry

In connection with measuring ancestry (F59), we request that the verbatim recorded answers in the "other" category are deposited as a separate variable. This will be used by the CST in the quality control of the item and to determine if the country specific showcards should be revised in future rounds.

The file can have different formats, preferably SPSS or SAS, but delimited text files or spreadsheets can also be used. The files must contain, in addition to the verbatim variables, the variables IDNO "RESPONDENT'S IDENTIFICATION NUMBER" and CENTRY "COUNTRY". The verbatim recorded answers might be indirectly identifiable and thus non-anonymous.

### **B6. Deletion of contact information**

Once a country's data has been published the survey agency is required to delete the names and all contact details for respondents and non-respondents.

Survey agencies will be required to confirm to the ESS ERIC Controller they have done this in writing within 10 days of the data being published.

## **C. Principles of variable definitions**

### **C1. Missing values**

Analysis of item non-response is an important part of quality control of survey items, and consistent use of missing values in the questionnaire and other documentation ensures uniform coding of skips in the interview. The aim is that the ESS data files will contain detailed information on item non-response.

The missing values in the data files are defined in the following way:

**Not applicable: 6, 66, 666** etc., where the respondent has been routed away from the question. This missing value might be coded in the national data files before deposit, but the coding will be overwritten by standardised procedures at Sikt.

**Refusals: 7, 77, 777** etc., where the respondent has explicitly refused. These codes are almost always available. They can be included in the list of answering options presented to the interviewers, or placed in administrative columns, menus etc., depending on the routines of the survey organisation.

#### **Important notice:**

*Note that in most filters, "Refusals" (7, 77, 777 etc) are routed the same way as "Don't knows" (8, 88, 888 etc), the exceptions being filter variables D14 (MEDTRUNA) F53 (EMPRF14), F56 (EMPRM14).*

**Don't know: 8, 88, 888** etc. These codes are almost always available. They can be included in the list of answering options presented to the interviewers, or placed in administrative columns, menus etc., depending on the routines of the survey organisation.

**No answer: 9, 99, 999** etc. are codes for missing data not elsewhere explained, for example respondent/interviewer errors and production/system errors. This missing value might be coded in the national data files before deposit, but the coding will be overwritten by standardised procedures at Sikt. For administrative variables, 9, 99, 999 etc. are labelled "Not available".

### **C2. Multiple responses and missing values**

In general, we think of multiple response as the result of a "mark all that apply" question, or "mention all that you think of" in open-ended questions. Examples of multiple response questions are "In which countries have you been on holiday during the last five years?" (open) and "Here is a list of voluntary organisations. Please tell me which of these organisations you are a member of" (closed).

In the ESS round 11 data files, multiple response variables will have binary values 0 "Not marked" and 1 "Marked". Each group of multiple response variables will have one or more additional dichotomous variables for missing values.

One example is question F45a about what partner has been doing last 7 days, which results in the variables PDWRKP, EDCTNP, UEMPLAP, UEMPLIP, DSBLDP, RTRDP, CMSRVP, HSWRKP, DNGOTH, DNGDKP (Don't know) and DNGREFP (Refusal). In addition, DNGNAPP (Not applicable) and DNGNAP (No answer) will be included in the data file. DNGNAPP and DNGNAP will be overwritten by standardised procedures at the Archive, but can either be coded, or assigned the value 0 (zero) or system missing in the national data files. In countries where CMSRVP is not applicable, the variable should be assigned the value 0 (zero) or system missing.

If the respondent does not have a partner, all variables will be assigned the value 0, except DNGNAPP (DOING LAST 7 DAYS, PARTNER: NOT APPLICABLE), which will be assigned the value 1. Correspondingly, if the respondent refuses to answer the question, DNGREFP should be coded as 1, the rest 0.

The following questions and variables are defined as multiple responses in the ESS round 11 questionnaires. Please ensure that the PROBE/PROMPT/"Code all that apply" instructions to the interviewers are included in the questionnaire.

**C19:**

DSCRRCE – DSCRNA

**D13:**

DSHLTGP – DSHLTNA

**D15:**

MEDTRNP – MEDTRNA

**D19:**

TRHLTACU – TRHLTNA

**D28:**

HLTPRHC – HLTPRNA

**D29:**

HLTPHHC – HLTPHNA

**F14a:**

PACCMORO - PACCNA

**F17a:**

PDWRK – DNGNA

**F35a:**

JBEXPVI- JBEXPNA

**F35b:**

JBEXEVL- JBEXENA

**F45a:**

PDWRKP – DNGNAP

**J6:**

PREWHP – PRENA

If not applicable, **F17a:** CMSRV "DOING LAST 7 DAYS: COMMUNITY OR MILITARY SERVICE" and **F45a:** CMSRVP "PARTNER DOING LAST 7 DAYS: COMMUNITY OR MILITARY SERVICE" should be assigned the value 0 (zero) or system missing.

### **C3. Formats**

The formats of variables are defined in the tables in section F. All numeric variables in the ESS round 11 core data files have the formats Fn, i.e., they are of width n and with no decimals. String variables have the formats An, with "n" assigning the number of characters.

The missing values often decide the format. If a routed variable has a scale from 1 to 5, there is room for "Not applicable" in value 6, and the variable will have the format F1. If the scale goes up to 6, the missing values begin at 66, and the format changes to F2.

#### **C4. Variable names**

The principles of variable definitions are bound by two factors: the limitations in statistical packages and the concern for user-friendly metadata. These factors limit the length of variable documentation included in the data files.

The CST has decided to use *mnemonic* variable names in the data files. The argument is that about half of the questionnaire (the Core) is replicated in all rounds of the ESS, and that several rotating modules are replicated. By using mnemonic variable names, different data files contain the same variable names for identical questions, making it easier for the users as well as the producers of cumulative files for several ESS rounds.

To ensure consistency in variable names, Sikt has set up an internal guideline for abbreviations of frequently used concepts and words in questionnaires. The table below gives one example:

Concept	Abbreviation
Police	PLC
:	:
Trust	TRST/TST

Thus, question B8, "Trust in the police" becomes TRSTPLC.

In many statistical packages and portable files, the upper limit of variable names is eight characters. In order to allow for versions of a variable, the limit in ESS is normally seven characters, leaving space for documenting new versions of the variable with characters (A, B, C, etc.) as suffix. For example, between ESS round 1 and 2 the variable WRKCTR "Employment contract unlimited or limited duration" was changed to WRKCTRA, due to a new category that was added.

#### **C5. Variable labels and categories**

The most commonly used statistical packages allow for up to 255 characters in variable labels, but in the ESS data files variable labels will be limited to approximately 70 characters. One reason is that the user should be able to grasp the content "in one glance"; another reason is the formatting of outputs from the statistical packages.

For the same reasons, categories (value labels) are limited to approximately 40 characters.



## ***D. Standards and classifications***

The ESS11 NC Intranet contains all coding standards and coding frames not documented in the source questionnaire nor in the ESS11 2023 Data Protocol. All verbatim recorded answers must be post-coded according to international standards found on the ESS11 NC Intranet. In addition, some variables with country-specific design and categories must be recoded into a common ESS coding frame.

The coding frames available on the ESS11 NC Intranet are compiled for use in the ESS round 11. They will remain fixed for the ESS round 11 survey, and they are to be considered as the *only valid standards* to be used.

### ***D1. International standards***

International standards must be used in the post-coding of certain variables:

#### ***D1.1 ISO 3166-1 and UN M49, Country***

**C22:** CNTBRTHD "COUNTRY OF BIRTH"

**C27:** FBRNCNTC "COUNTRY OF BIRTH, FATHER"

**C29:** MBRNCNTC "COUNTRY OF BIRTH, MOTHER"

*Format:* A4

*Comment:* Standard also used in ESS10. Aggregated geographic regions (numeric codes) based on the United Nations Standard area codes for statistical use (M49) are added to facilitate for aggregation in cases of disclosure risk. The documents for download from the ESS11 NC Intranet also include eight transitional code elements added by Sikt: "1000" for DDR, "2000" for USSR, "3000" for Czechoslovakia, "4000" for Yugoslavia, "5000" for East Timor, "6000" for Serbia and Montenegro, "6500" for Alien's passport and "XK" for Kosovo (temporary code under UN Security Council resolution 1244/99).

#### ***D1.2 ISO 639-2, Language***

**C24:** LNGHOM1 "LANGUAGE MOST OFTEN SPOKEN AT HOME: FIRST MENTIONED"

LNGHOM2 "LANGUAGE MOST OFTEN SPOKEN AT HOME: SECOND MENTIONED"

**J7:** INTLNGA "INTERVIEW QUESTIONNAIRE LANGUAGE"

*Format:* A3

*Comment:* Standard also used in ESS10. To simplify the coding of variable C24, the most common language(s) in a country can be listed for each of the two items, and if necessary be recoded into the three-character ISO 639-2.

#### ***D1.3 ISCO08, Occupation***

**F33–F34a:** ISCO08 "OCCUPATION, ISCO08"

**F47-F49:** ISCO08P "OCCUPATION PARTNER, ISCO08"

*Format:* F5 (4-digit coding of occupations, missing values having the format F5)

*Comment:* Standard also used in ESS10. The ESS round 11 questionnaire includes three variables to be used in the post-coding of occupation: title, description of work and qualifications needed (F33-F34a resulting in ISCO08 for respondent, F47-F49 resulting in ISCO08P for partner). In addition, it may be helpful to use F31 (NACER2) in the post-coding of respondent's occupation, especially in major groups 2, 7 and 8, where information about industry assists in specifying the fourth ISCO digit.

*Notes:* Please use the ISCO-08 manual, ISCO-08 Volume I book ("International Standard Classification of Occupations: Structure, group definitions and correspondence tables") available from the ESS11 NC Intranet.

It is particularly important to pay special attention to Part I section 2 "Conceptual framework, design, structure and content of ISCO-08" as well as Part 1 section 3 "Major changes between ISCO-88 and ISCO-08".

Every country must ensure that any use of a national coding frame and transition table comply with the ISCO-08 as it is provided on the ESS11 NC Intranet. The data dictionaries containing the value labels/formats described in section G can be used to check for compliance with the standard.

The ISCO standard includes codes on 1, 2, 3 and 4 digit levels, while the variables in the data file should have categories on four-digit level only (except Armed forces). Where no distinction is made below the level of major, sub-major or minor group, a corresponding four-digit category should be achieved by the addition of trailing zeros. The exception is Armed forces (Major group 0), where maximum number of digits is three as the first digit in a numerical variable cannot be zero.

For example, if occupation is registered as 11 "Chief Executives, Senior Officials and Legislators" the value in the data file should be 1100. However, if occupation is registered as 011 "Commissioned Armed Forces Officers", the value in the data file should be 110.

#### D1.4 NACE Rev.2 (2-digit version), Industry

**F31:** NACER2 "INDUSTRY, NACE REV.2"

*Format:* F3 (2-digit coding of industry, missing values having the format F3)

*Comment:* Standard also used in ESS10.

*Notes:* For a detailed description of NACE Rev.2, please see "NACE Rev.2 – Statistical Classification of Economic Activity", available at the ESS11 NC Intranet.

## **D2. ESS Coding frames**

Common ESS coding frames apply to the following questions:

### D2.1 ESS Coding frame - Religion

**C12:** RLGDNM "RELIGION OR DENOMINATION BELONGING TO AT PRESENT"

**C14:** RLGDNME "RELIGION OR DENOMINATION BELONGING TO IN THE PAST"

*Comment:* Coding frame also used in ESS10. See ESS11 NC Intranet. There will be a consultation process on the religion measure in Round 11 well in advance of the fieldwork period, where the National Teams are asked to review the religion measure used in ESS10. Please use the coding and mapping agreed upon with the archive in the consultation process. If a country-specific instrument is used, the country-specific variables, as well as the harmonised variables (RLGDNM/RLGDNME), should be deposited.

### D2.2 ESS Coding frame – Education

**F15:** EDULVLB "HIGHEST LEVEL OF EDUCATION"

[EISCED "HIGHEST LEVEL OF EDUCATION, ES - ISCED"]

*Comment:* Coding frame also used in ESS10. In ESS5 the coding frame for educational attainment was changed to a more detailed ISCED based coding frame, and all participating countries were involved in a consultation process where new measures were developed. As in round 10, a short consultation process will also be held in round 11. For most countries that took part in ESS10, the coding and mapping agreed upon then should also be used in round 11. For some countries minor amendments might be needed.

For new countries and returning countries that did not take part in any round from ESS5 to ESS10, Sikt and the ESS team at City University, London will arrange a consultation process to help the National Teams in the category set-up and bridging of the new measures. Silke Schneider, GESIS Mannheim, will act as an external expert to ensure a correct mapping from national variables into the new measures.

For an overview of the educational measures in ESS round 11, please see section E1.3.

*Notes:* Additional information about the educational measures in ESS round 11 is available in section E1.3 and table F1.f in the ESS11 Data Protocol.

**F44:** EDULVLPB "PARTNER'S HIGHEST LEVEL OF EDUCATION"  
[EISCEDP "PARTNER'S HIGHEST LEVEL OF EDUCATION, ES - ISCED"]

**F52:** EDULVLFB "FATHER'S HIGHEST LEVEL OF EDUCATION"  
[EISCEDF "FATHER'S HIGHEST LEVEL OF EDUCATION, ES - ISCED"]

**F55:** EDULVLMB "MOTHER'S HIGHEST LEVEL OF EDUCATION"  
[EISCEDM "MOTHER'S HIGHEST LEVEL OF EDUCATION, ES - ISCED"]

*Comment:* Unless otherwise is agreed, the same instruments, bridging and variables as for the respondent should be produced for partner, father and mother.

D2.3 ESS Coding frame – Ancestry: The European Standard Classification of Cultural and Ethnic Groups (ESCEG)

**F59:** ANCTRY1 “FIRST ANCESTRY, EUROPEAN STANDARD CLASSIFICATION OF CULTURAL AND ETHNIC GROUPS”

ANCTRY2 “SECOND ANCESTRY, EUROPEAN STANDARD CLASSIFICATION OF CULTURAL AND ETHNIC GROUPS”

*Format:* F6 (5-digit coding of ancestry, missing values having the format F6)

Please note the following when it comes to post-coding the country-specific variables into the harmonised version of the ancestry variables:

1. If an interviewer has assigned a respondent the code “555555” i.e. “No second ancestry” at the second ancestry variable, this code should be retained in the version of the variables deposited.
2. Responses coded to a specific category on the country-specific showcard should be post-coded to the ESCEG using the mapping agreed upon during the pre-fieldwork consultation. Signed-off mappings will be available on the ESS11 Intranet following the consultation.
3. For the harmonised variables, “Other” responses to the country-specific variables need to be post-coded into the ESCEG based on the verbatim answers recorded. Please code each case as completely as possible, assigning codes with trailing zeros or ending in 9 (nec) only where no other possibility is available.
4. It should be possible to code all meaningful verbatim responses into the ESCEG. Further guidance on how this should be done is provided in Appendix 3 of the ESS11 Ancestry Consultation Guidelines, available on the ESS11 NC Intranet. If you cannot identify a suitable code or are unsure of how to code a particular verbatim response, please contact the team at ESS ERIC HQ (ess@city.ac.uk) who will be happy to advise.
5. In rare instances where the verbatim answer is insufficient for an “Other” response to be post-coded to a specific category within the ESCEG, the code “444444” should be used.

*Comment:* Updated version in ESS11. The main changes to the ESCEG from ESS10 are summarised in the version notes for the European Standard Classification of Cultural and Ethnic Groups, included in the ancestry coding documents available for download from the ESS11 NC Intranet.

*Notes:* The item is designed to provide additional information on the respondent’s socio-cultural origins beyond the existing questions (in section C) on respondent/parent country of birth or whether the respondents consider themselves to be a member of an ethnic minority.

Additional information about the ancestry measures in round 11 is available in section E1.7 and table F1.f in the ESS11 Data Protocol.

## ***E. Special variable topics***

### ***E1. Country-specific variables and measures***

#### ***E1.1 Naming and use of suffix***

Country-specific variables are marked with the suffix xx in the variable name. The xx suffix in the variable name will be substituted by the two-character country code of ISO 3166-1 during data processing at the ESS Data Archive. Country-specific variables in ESS11 are:

PRTVTxx (B14), (PRTVxx1- PRTVxxN if more than one national election)  
PRTCLxx (B24)  
RLGDNxx (C12), RLGDExx (C14)  
EDLVDxx (F15), EDLVPDxx (F44), EDLVFDxx (F52), EDLVMDxx (F55)  
ANC1xx, ANC2xx (F59)  
REGIONxx

#### ***E1.2 Political party***

**B14:** PRTVTxx "PARTY VOTED FOR IN LAST NATIONAL ELECTION"  
PRTVxx1 "PARTY VOTED FOR IN LAST NATIONAL ELECTION 1"  
PRTVxxN "PARTY VOTED FOR IN LAST NATIONAL ELECTION N"

These items need to be country-specific due to differences in electoral and party systems between countries. There will be two main groups of countries using different principles of organising the data:

#### ***i. Only one single vote registered.***

ia. Countries where only one national-level election takes places.

*Comment:* None

ib. Countries where multiple national-level elections take place.

*Comment:* Please ask about the last election for the **primary legislative assembly**.

⇒ **Principle 1.** Countries belonging to group i. rename PRTVTxx, and use their national list of parties as categories. PRTVxx1 – PRTVxxN are **not** included in these data files.

#### ***ii. Two or more votes registered.***

ii.a. Countries where voters have **more than one vote for the same assembly** (e.g. parallel and mixed member proportional systems; double ballot systems)

*Comment:* Please ensure that both/all votes are supplied.

ii.b. Countries using **preferential systems** (e.g. Single Transferable Vote or Alternative Vote).

*Comment:* Please provide first and second preference vote.

⇒ **Principle 2.** Ranking of votes possible: These countries use the variables PRTVxx1 – PRTVxxN to register the N votes. PRTVTxx is derived from PRTVxx1 – PRTVxxN, and provided with a label documenting that the variable is derived from these variables. The national lists of parties are used as categories.

⇒ **Principle 3.** Ranking of votes **not** possible: Please use the variables PRTVxx1 – PRTVxxN to register the N votes and add their national list of parties as categories. The variable PRTVTxx is **not** included in these data files.

The overview below sums up the principles:

Number of votes registered	Ranking of votes/preference	
	Possible	Not possible
Only one	Principle 1. Only PRTVTxx included	
Two or more	Principle 2. PRTVTxx (derived) and PRTVxx1 – PRTVxxN included	Principle 3. Only PRTVxx1 – PRTVxxN included

**B24:** PRCLxx “WHICH PARTY FEEL CLOSER TO”

Unless there have been any changes to the political parties, please use the country-specific categories that were used in the last round your country participated in.

E1.3 Education

**F15:** EDLVDxx “HIGHEST LEVEL OF EDUCATION, [COUNTRY]”

**F44:** EDLVPDxx “PARTNER’S HIGHEST LEVEL OF EDUCATION, [COUNTRY]”

**F52:** EDLVFDxx “FATHER’S HIGHEST LEVEL OF EDUCATION, [COUNTRY]”

**F55:** EDLVMDxx “MOTHER’S HIGHEST LEVEL OF EDUCATION, [COUNTRY]”

Please provide the country-specific variables on respondent’s highest level of education, as well as for partner, father and mother. All variables that have been used in the measurement of highest level of education must be deposited to the archive.

Returning countries that did not take part in the ESS since Round 4, will need to change their country specific instruments measuring highest level of education due to the requirement of the coding frame introduced in round 5. For further information please see section D2.2.

Please use the Latin alphabet with additional symbols as needed in the different languages in [COUNTRY] for the country-specific categories.

E1.4 Region

**REGIONxx** “REGION”

This variable is not derived from the questionnaire but should be included in File 1 (see section F1).

All countries included in the Nomenclature of Territorial Units for Statistics (NUTS) established by Eurostat, are asked to provide regional variables according to the NUTS level classification. Furthermore, the applied NUTS level for the regional variables should ideally correspond to an administrative level within each country. Which NUTS level that corresponds to an administrative level will vary from country to country. Please see table E.1 for a list of recommended NUTS levels to be used. Countries should ensure that the most recent edition of the NUTS classification is deployed in the construction of the REGIONxx variable. For any queries regarding the national coding of the REGIONxx variable, please contact the ESS Data Archive.

For countries not included in the NUTS nomenclature, please use regional categories that are administrative units and where it is possible to attach contextual data from national records/registers.

All in all, the units in REGIONxx should meet the following demands:

A) For countries in the NUTS nomenclature:

1. Please use the recommended NUTS levels as presented in table E.1
2. Please ensure that the population of each unit is large enough to avoid identification of respondents.
3. Please use the official NUTS codes and labels from the NUTS Nomenclature as values and categories for the country-specific variables (alphanumeric).

*Examples:*

<i>Value: HR05</i>	<i>Category: Grad Zagreb</i>
<i>Value: DK04</i>	<i>Category: Midtjylland</i>
<i>Value: EL41</i>	<i>Category: Βόρειο Αιγαίο</i>

B) For countries not included in the NUTS nomenclature:

1. Please use regional categories that are administrative units and where it is possible to attach contextual data from national records/registers.
2. Please ensure that the population of each unit is large enough to avoid identification of respondents.

Table E.1. Recommended<sup>1</sup> NUTS level for REGIONxx variable

Country	Country code	Suggested NUTS level	Number of regions
Albania	AL	3	12
Austria	AT	2	9
Belgium	BE	2	11
Bulgaria	BG	3	28
Croatia	HR	3	21
Cyprus	CY	1	1
Czechia	CZ	3	14
Denmark	DK	2	5
Estonia	EE	3	5
Finland	FI	3	19
France	FR	2	27
Georgia	GE	3 (NUTS equivalent EVS classification)	11
Germany	DE	1	16
Greece	GR	2	13
Hungary	HU	3	20
Iceland	IS	3	2
Ireland	IE	3	8
Israel	IL	No NUTS coding.	
Italy	IT	2	21
Kosovo	XK	No NUTS coding.	
Latvia	LV	3	6
Lithuania	LT	3	10
Luxembourg	LU	1	1
Montenegro	ME	1	1
Netherlands	NL	2	12
North Macedonia	MK	3	8
Norway	NO	3	11
Poland	PL	2	17
Portugal	PT	2	7
Romania	RO	2	8
Russian Federation	RU	No NUTS coding.	
Serbia	RS	2	4
Slovakia	SK	3	8
Slovenia	SI	3	12
Spain	ES	2	19
Sweden	SE	3	21
Switzerland	CH	3	26
Turkey	TR	1	12
Ukraine	UA	No NUTS coding	
United Kingdom	GB	1	12

For more information on the NUTS structure, please see:

<https://ec.europa.eu/eurostat/web/products-manuals-and-guidelines/-/ks-gq-22-010>

for the current NUTS nomenclature (2022) including information about the EFTA countries and the Candidate countries.

<sup>1</sup> Data can be deposited on lower levels. If for example NUTS level 2 is recommended, it is possible to use level 3 in the data file sent to the Archive. Other regional levels can be used if agreed with the Archive.



For the EVS coding see:

[https://dbk.gesis.org/dbksearch/file.asp?file=ZA7500\\_cdb\\_App\\_C\\_NUTS.pdf](https://dbk.gesis.org/dbksearch/file.asp?file=ZA7500_cdb_App_C_NUTS.pdf)

### E1.5 Income

#### **F41:** HINCTNTA “HOUSEHOLD’S TOTAL NET INCOME, ALL SOURCES”

The categories are to be based on deciles of the actual household income range in the given country. The deciles should be derived from the best available source for the country and match the requirement of the question. Possible sources for the calculation of deciles can be national register data, or representative country wide surveys (for example the EU–SILC). Regarding the benchmark data source, please place particular emphasis on the following aspects:

- Deciles should refer to household income for all households, unadjusted for size or type;
- Deciles should refer to household’s total income, after tax and compulsory deductions, from all sources;
- Deciles should reflect household income at the time of fieldwork, and thus be adjusted to 2023 level (or year of fieldwork) if necessary.

Using the median income as the reference point, 10 deciles should be calculated with the median itself at the top of the fifth decile (category F). The figures should not appear to be too exact. Minor rounding can be applied to achieve this if necessary. The deciles should be reported in national currency and the conversion rate to euros should be documented in the National Technical Summary, by the formula

$$1 \text{ [national currency]} = x.xx \text{ €}.$$

The intervals of the categories in CARD 80 are:

CARD 80 YOUR <u>HOUSEHOLD</u> INCOME				
Show card code	Approximate WEEKLY	Approximate MONTHLY	Approximate ANNUAL	Data file code
<b>J</b>	Less than €xx	Less than €xxx	Less than €xxx	1
<b>R</b>	€xx to under €xx	€xxx to under €xxx	€xxx to under €xxx	2
<b>C</b>	€xx to under €xx	€xxx to under €xxx	€xxx to under €xxx	3
<b>M</b>	€xx to under €xx	€xxx to under €xxx	€xxx to under €xxx	4
<b>F</b>	€xx to under €xx	€xxx to under €xxx	€xxx to under €xxx	5
<b>S</b>	€xx to under €xx	€xxx to under €xxx	€xxx to under €xxx	6
<b>K</b>	€xx to under €xx	€xxx to under €xxx	€xxx to under €xxx	7
<b>P</b>	€xx to under €xx	€xxx to under €xxx	€xxx to under €xxx	8
<b>D</b>	€xx to under €xx	€xxx to under €xxx	€xxx to under €xxx	9
<b>H</b>	More than €xx	More than €xxx	More than €xxx	10

A showcard must always be used at this question. The ten rows on the showcard should display the income ranges selected and be presented by the ten letters above (or their equivalent when other alphabets are used) which helps to ensure respondent confidentiality. Each country can choose whether to include weekly, monthly, or annual amounts on the showcard or whether they want to include more than one of these as appropriate. The text in the last sentence of the question should be rephrased to match the solution selected. If you have any questions or queries regarding this, please direct them to [ess@city.ac.uk](mailto:ess@city.ac.uk)

### E1.6 Partnership status

**F6:** RSHPSTxx "RELATIONSHIP WITH HUSBAND/WIFE/PARTNER CURRENTLY LIVING WITH, [COUNTRY]"

**F11:** MARSTxx "LEGAL MARITAL STATUS, [COUNTRY]"

The partnership status consultation process on relationship status (F6 RSHPSTS) and legal marital status (F11 MARSTS) will for a very small number of countries lead to the inclusion of country specific variables. This applies only to countries where this has been agreed as part of the consultation process and the following additional variables must be included in the main data file deposited to the Archive.

### E1.7 Ancestry

**F59:** ANC1xx "FIRST ANCESTRY, [COUNTRY]"

ANC2xx "SECOND ANCESTRY, [COUNTRY]"

The ancestry questions require the use of a country-specific showcard (CARD 88) including an "other" category where the interviewer must record the answers verbatim. The verbatim recorded answers should be deposited in a separate file to be archived at Sikt. For the harmonised variables (ANCTRY1 and ANCTRY2) these verbatim recorded answers are required to be post-coded according to the ESS coding frame "European Standard Classification of Cultural and Ethnic Groups" (ESCEG). The full ESCEG is available in a separate file (in pdf, txt and Excel formats) on the ESS11 NC Intranet.

Please note the following when preparing the country-specific ancestry variables for deposit:

1. Two country-specific variables should be deposited, recording the 1st and 2nd ancestries mentioned. There is no ranking or hierarchy implied in the two ancestry variables – they simply record the ancestries in the order they were mentioned by the respondent and/or coded by the interviewer.
2. Categories in the country-specific variables should be assigned the codes (1, 2, 3 etc.) indicated next to the country-specific categories in the mapping template signed off prior to fieldwork. These codes should also be used in the questionnaire. Please note that all translated versions of the showcard to be used in a country should display categories in the same order i.e. the order agreed on the final version of the source showcard. This should also be the order of the categories in the country-specific variables included in the data file.
3. If an interviewer has assigned a respondent the code "555555" i.e. "No second ancestry" at the second ancestry variable, this code should be retained in the version of the variables deposited.
4. "Other" responses to the country-specific variables should be retained as "Other". There is no need to post-code the country-specific versions of the variables.

There will be a consultation process on the ancestry measure in Round 11 well in advance of the fieldwork period. The ancestry consultation is being managed by ESS ERIC HQ (ess@city.ac.uk) with expert input from Prof. Anthony Heath, University of Oxford and Dr. Silke Schneider, GESIS. During this process the National Teams are to develop a showcard and mapping in collaboration with the CST, based on a suggestion provided by the CST. The outcome of this consultation process will be made available from the country workspaces on myESS.

Additional information about the administration of the ancestry variables in ESS11 is available in the “ESS11 Ancestry Consultation Guidelines” document available for download from the ESS11 NC Intranet.

### *E1.8 Alcohol consumption*

D7\_1xx – D7\_Nxx: “NUMBER OF DRINKS, WEEKDAY, 1ST TYPE TO NTH TYPE”

D8\_1xx – D8\_Nxx: “NUMBER OF DRINKS, WEEKEND DAY, 1ST TYPE TO NTH TYPE”

To be calculated into:

D7: ALCWKDY “GRAMS ALCOHOL, LAST TIME DRINKING ON A WEEKDAY, MONDAY TO THURSDAY”

D8: ALCWKND “GRAMS ALCOHOL, LAST TIME DRINKING ON A WEEKEND DAY, FRIDAY TO SUNDAY”

The calculated variables D7 (ALCWKDY) and D8 (ALCWKND) are derived from the country specific alcohol consumption variables (D7\_1xx – D7\_Nxx and D8\_1xx – D8\_Nxx respectively). Responses for D7 and D8 must be recoded into grams of alcohol before data deposit. For recoding from country-specific alcohol consumption variables into harmonised “grams of alcohol” variables, the drinks-to-grams table and syntax agreed upon with the CST prior to fieldwork should be deployed. This table and syntax will be made available on the ESS11 NC Intranet.

The number of underlying country-specific variables to be calculated into variables D7 and D8 will vary according to national context, hence the unspecified number of country-specific variables in Table F.1d. Each variable (D7\_1xx – D7\_Nxx and D8\_1xx – D8\_Nxx) refers to a specific type of drink or category, specified prior to fieldwork in consultation with the CST and reflected in the country-specific showcard (CARD 37). The outcome of this consultation process will be made available on the ESS11 NC Intranet.

For the country-specific alcohol consumption variables, frequency of the different drinks consumed in the specified time period (D7\_Nxx: Weekday or D8\_Nxx: Weekend) should be recorded. Variables/drink categories that don't apply to a respondent should be assigned code 0. Missing values variables D7\_ND - D7\_NA and D8\_ND – D8\_NA (see Table F.1d) are dichotomous and should be coded 0 (“Not marked”) or 1 (“Marked”) depending on which condition applies.

## **E2. Respondent identification number (IDNO) and country (CNTRY)**

**IDNO** “RESPONDENT’S IDENTIFICATION NUMBER”

Identifies the respondent uniquely in the national data files. To be included in **all** data files (see section F).

**CNTRY** “COUNTRY”

The categories of the variable are the two-character country codes in ISO 3166-1. In the Polish data file, for example, the variable will have the value “PL” for all respondents. To be included in **all** data files (see section F).

Table E2. Country codes for countries having participated in the ESS:

Albania	AL	Latvia	LV
Austria	AT	Lithuania	LT
Belgium	BE	Luxembourg	LU
Bulgaria	BG	Montenegro	ME
Croatia	HR	Netherlands	NL
Cyprus	CY	North Macedonia	MK
Czechia	CZ	Norway	NO
Denmark	DK	Poland	PL
Estonia	EE	Portugal	PT
Finland	FI	Romania	RO
France	FR	Russian Federation	RU
Georgia	GE	Serbia	RS
Germany	DE	Slovakia	SK
Greece	GR	Slovenia	SI
Hungary	HU	Spain	ES
Iceland	IS	Sweden	SE
Ireland	IE	Switzerland	CH
Israel	IL	Turkey	TR
Italy	IT	Ukraine	UA
Kosovo	XK	United Kingdom	GB

IDNO and CENTRY together uniquely identify the respondent in the integrated data files. By sorting integrated data files by CENTRY IDNO (in that order) and thereafter using CENTRY IDNO (in that order) as “key” or “by” variables in match/merge statements, the match/merge will be correct.

### ***E3. Administrative variables***

#### ***E3.1 Interviewer number, interviewer age and gender***

Interviewer data file variables

To be included in File 2 (see table F.2)

#### **J8 INTNUM “INTERVIEWER’S IDENTIFICATION NUMBER”**

Identifies each interviewer uniquely in the Interviewer data file. To avoid identification of the interviewer, it is imperative that the identification numbers are not the same as those used in earlier ESS rounds or other surveys.

#### **INTAGEA “AGE OF INTERVIEWER”**

Identifies the age of each interviewer.

There is no item in the interviewer questionnaire for this. Please record the age of each interviewer and prepare the variable after the fieldwork has been completed.

#### **INTGNDR “GENDER OF INTERVIEWER”**

Identifies the gender of each interviewer.

There is no item in the interviewer questionnaire for this. Please record the gender of each interviewer and prepare the variable after the fieldwork has been completed.

#### ***E3.2 Timing variables: Start – end of interview, module timing***

To be included in File 1 (see table F.1j)

Each timing variable (timestamp) must be recorded as separate item. Variable format:  
*yyyy-mm-dd hh:mm:ss*

Start of interview, main questionnaire (sections A - F, H, I, K, R):

**INWDS** "START OF INTERVIEW"

End of interview, main questionnaire (sections A - F, H, I, K, R):

**INWDE** "END OF INTERVIEW"

Module timing variables, main questionnaire (Sections A - F, H, I, K, R):

**AINWS** "START OF SECTION A"

**AINWE** "END OF SECTION A"

**BINWE** "END OF SECTION B"

**CINWE** "END OF SECTION C"

**DINWE** "END OF SECTION D"

**EINWE** "END OF SECTION E"

**FINWE** "END OF SECTION F"

**HINWE** "END OF SECTION H"

**IINWE** "END OF SECTION I"

**KINWE** "END OF SECTION K"

**RINWE** "END OF SECTION R"

Module timing variables, interviewer questionnaire (Section J):

**JINWS** "START OF SECTION J"

**JINWE** "END OF SECTION J"

### *E3.3 Administration of test variables (MTMM):*

As of ESS8 2016, the test variables are fielded as part of the main questionnaire. Test variables TESTJC34 to TESTJC42 are included in section C of the main questionnaire, while TESTJI1 to TESTJI9 are included in section I. All 18 test questions and administrative variables should be included in File 1 (see table F.1c and F.1i).

To be included in File 1 (see table F.1c)

**C33 ADMRCLC** "ADMINISTRATION OF REDUCE CLIMATE CHANGE"

The purpose of this administrative variable is to identify which question block in the test section of the C module (TESTJC34 to TESTJC42) and the I module (TESTJI1 to TESTJI9) the respondent is asked. This variable should be coded according to random allocation to groups 1, 2, 3 (see table F.1c for routing instructions).

### **E4. Contact Form variables**

Experiences from previous rounds show that special attention to a selection of contact form variables is needed:

**CONTACT ATTEMPT VARIABLES** (datecaN, modecaaN, resulbN, outnicN, modeapN)

The ESS11 CF data file will only include 20 contact attempts per sample unit. If more than 20 contact attempts are made, and variables numtel and numtela cannot be used to summarise some of the contact attempts, attempts up to 19 should be included alongside the last attempt, which should then be coded into contact attempt variable number 20.

**TYPESAMPA** "TYPE OF THE SAMPLE"

The type of sample used within each country needs to be recorded. The same code should be applied for every sample unit within each country. Note that TYPESAMPA is a filter variable, generating a number of subsequent variables for countries with address sample.

**INTERVA** "INTERVIEW INFORMATION FOR THE SAMPLE UNIT"

Category 4 ("No interview because of opt out list") should be reserved for sample units which have officially opted out of participating in surveys, and are therefore part of an opt-out list (individual named sample only). This category should *not* be used to code respondents who are 'opting out' of the survey by means of conventional refusal to participate. The latter should be coded 5 ("No interview for other reason").

**NUMTEL** "NUMBER OF AUTOMATIC CALLS BEFORE FIRST FACE-TO-FACE CONTACT OR CONTACT ATTEMPT"

In some countries, telephone can be used as the first method of contact. For those countries where automatic telephone calls are deployed in the attempts to reach the respondent, the total number of automated calls before any first face-to-face contact or contact attempt should be recorded. Once first contact is made, the contact form should be completely filled in for this contact and subsequent contact attempts (calls) unless they fall into the NUMTELA (see below) category. In countries where automatic telephone calls are not employed, NUMTEL and NUMTELA should be coded 666 ("Not applicable"). If automatic telephone calls are used in the country, but a given respondent was not called, NUMTEL and/or NUMTELA should be coded to 0.

**NUMTELA** "NUMBER OF AUTOMATIC CALLS AFTER FIRST FACE-TO-FACE CONTACT OR CONTACT ATTEMPT"

This variable should record automatic telephone calls occurring after achieving first face-to-face contact or contact attempt. Automatic telephone calls typically include calls made from a call center where no contact is made with the respondent.

Telephone calls that fall into the categories of NUMTEL or NUMTELA should not be included in the contact attempt variables.

**AGE\_SU** "EXACT AGE OF THE SAMPLE UNIT (INDIVIDUAL SAMPLE FRAME)"

Eligible only for countries using individual sampling frame. Please remember that this variable should be top coded to 90.

**OUTNICn (CFC3)** "OUTCOME WHEN THERE WAS NO INTERVIEW (VISIT n)"

Note that as of ESS round 6 former category 6 "Respondent mentally/physically not able" has been split in two categories, short-term (category 6) and long-term (category 7) respectively. Only respondents in category 6 should be subject to re-visits. Respondents mentally/physically not able, ill/sick (long-term) should be routed to CFN1-CFN5 before contact process is ended.

**REFCA1** "NUMBER OF CONTACT ATTEMPT AT WHICH A REFUSAL OCCURRED (1)"**REFCA2** "NUMBER OF CONTACT ATTEMPT AT WHICH A REFUSAL OCCURRED (2)"**REFCA3** "NUMBER OF CONTACT ATTEMPT AT WHICH A REFUSAL OCCURRED (3)"**REFCAn** "NUMBER OF CONTACT ATTEMPT AT WHICH A REFUSAL OCCURRED (n)" (if applicable)

Countries are asked to ensure full information for refusals up until the third refusal (code 2, 3 or 4 at OUTNICn. REFCA1-REFCAn must be chronologically consistent and match the sequence as recorded at OUTNIC1-OUTNICn. For example, if the first refusal took place at the 3<sup>rd</sup> visit (i.e. code 2, 3 or 4 at OUTNIC3), REFCA1 should be coded 3. If three refusals are recorded for a sample unit, REFCA3 (code range 3-n) should always be larger than REFCA2 (code range 2-n) which in turn should always be larger than REFCA1 (code range 1-n). REFCA1-REFCAn are filter variables. If sample unit is assigned a substantial code at REFCA1, subsequent variables like COOPA1 should also be filled in, while variables AGE\_C1 and GENDERC1 should be filled in if the refusal was made by the target respondent only (if OUTNIC1=2).

**RERSD1 (CFC5)** "MAIN REASON FOR REFUSAL, FIRST REFUSAL"

**RERSD2 (CFC5)** "MAIN REASON FOR REFUSAL, SECOND REFUSAL"

**RERSD3 (CFC5)** "MAIN REASON FOR REFUSAL, THIRD REFUSAL"

**RERSDn (CFC5)** "MAIN REASON FOR REFUSAL, NTH REFUSAL"

(if applicable)

As from ESS11, only main reason for refusal should be recorded for each refusal.

**RECONVA** "NUMBER OF CONTACT ATTEMPT WHEN REFUSAL CONVERSION ACTIVITIES STARTED"

Where applicable, the number of the visit that corresponds to the start of refusal conversion attempts should be noted. Code 666 ("Not applicable") should be used for sample units where no refusals were registered at OUTNICn, whereas code 0 should be used for sample units where refusals occurred (code 2, 3 or 4 at OUTNICn) but where no refusal conversion took place.

Refusal conversion activities include for example: Use of new incentives; use of new interviewer; selection of initial refusers based on assessment of future cooperation rate (i.e. hard versus soft refusals); timing; etc. Merely re-approaching the target person after an initial refusal, without introducing any substantial refusal conversion measures (as laid down in for example the refusal conversion strategies of the fieldwork organisation), should not be considered as sufficient to justify a substantive code on RECONVA for this particular contact attempt.

**OUTINVAL (CFC9)** "OUTCOME ADDRESS INVALID"

Provides information on the outcome of invalid address units. Note that all sample units coded 7 at RESULBn should be routed to OUTINVAL before contact procedure is ended.

**TYPE (CFN1)** "TYPE OF HOUSE RESPONDENT LIVES IN"

**ACCESS (CFN2)** "ENTRY PHONE OR LOCKED GATE/DOOR BEFORE REACHING RESPONDENT'S INDIVIDUAL DOOR"

**PHYSA (CFN3)** "ASSESSMENT OVERALL PHYSICAL CONDITION BUILDING/HOUSE"

**LITTERA (CFN4)** "AMOUNT OF LITTER AND RUBBISH IN THE IMMEDIATE VICINITY"

**VANDAA (CFN5)** "AMOUNT OF VANDALISM AND GRAFFITI IN THE IMMEDIATE VICINITY"

CFN1-CFN5 records information on neighbourhood characteristics. Should be filled out for all cases (response and non-response units) unless the address itself is invalid. Data should be collected and coded by the interviewer at the first face-to-face visit.

The Round 11 Contact Form Instructions and Round 11 Guidelines for Collecting Observable Data will be available as part of the Interviewer Briefing materials.

### ***E5. Optional R-module on recontact***

In ESS11 a new optional module on recontact is included in the main questionnaire. Please note that only the variable RECON (Agreed to be recontacted) is to be deposited to the Archive in this module.

### ***F. Variable definitions***

Tables F.1a-f, h-k, r, F.2, F.3 and F.4 document the official formats and contents of the variables in the ESS round 11 data files. The tables document the question number, the variable label, format and categories of each variable. The last column has information about skips, coding standards etc. Please use the tables and the source questionnaires simultaneously when setting up national questionnaires and data programmes.



Qno	Name	Label	Format	Values	Categories	Comment
	idno	Respondent's identification number	F9			See section E2
	cntry	Country	A2			See sections E1.1 and E2
<b>A1</b>	nwspol	News about politics and current affairs, watching, reading or listening, in minutes	F4	7777 8888 9999	Refusal Don't know No answer	Ask all
<b>A2</b>	netusoft	Internet use, how often	F1	1 2 3 4 5 7 8 9	Never Only occasionally A few times a week Most days Every day Refusal Don't know No answer	Ask all Go to A4 Ask A3 Go to A4
<b>A3</b>	netustm	Internet use, how much time on typical day, in minutes	F4	6666 7777 8888 9999	Not applicable Refusal Don't know No answer	If code 4, 5 at A2
<b>A4</b>	ppltrst	Most people can be trusted or you can't be too careful	F2	0 1 2 3 4 5 6 7 8 9 10 77 88 99	You can't be too careful 1 2 3 4 5 6 7 8 9 Most people can be trusted Refusal Don't know No answer	Ask all
<b>A5</b>	pplfair	Most people try to take advantage of you, or try to be fair	F2	0 1 2 3 4 5 6 7	Most people try to take advantage of me 1 2 3 4 5 6 7	Ask all

Qno	Name	Label	Format	Values	Categories	Comment
				8	8	
				9	9	
				10	Most people try to be fair	
				77	Refusal	
				88	Don't know	
				99	No answer	
<b>A6</b>	pplhlp	Most of the time people helpful or mostly looking out for themselves	F2	0	People mostly look out for themselves	Ask all
				1	1	
				2	2	
				3	3	
				4	4	
				5	5	
				6	6	
				7	7	
				8	8	
				9	9	
				10	People mostly try to be helpful	
				77	Refusal	
				88	Don't know	
				99	No answer	

B1	polintr	How interested in politics	F1	1 Very interested 2 Quite interested 3 Hardly interested 4 Not at all interested 7 Refusal 8 Don't know 9 No answer	Ask all
B2	psppsgva	Political system allows people to have a say in what government does	F1	1 Not at all 2 Very little 3 Some 4 A lot 5 A great deal 7 Refusal 8 Don't know 9 No answer	Ask all
B3	actrolga	Able to take active role in political group	F1	1 Not at all able 2 A little able 3 Quite able 4 Very able 5 Completely able 7 Refusal 8 Don't know 9 No answer	Ask all
B4	psppipla	Political system allows people to have influence on politics	F1	1 Not at all 2 Very little 3 Some 4 A lot 5 A great deal 7 Refusal 8 Don't know 9 No answer	Ask all
B5	cptppola	Confident in own ability to participate in politics	F1	1 Not at all confident 2 A little confident 3 Quite confident 4 Very confident 5 Completely confident 7 Refusal 8 Don't know 9 No answer	Ask all

B6	trstprl	Trust in country's parliament	F2	0 No trust at all	Ask all B6-B12: Same format, values and categories
B7	trstlgl	Trust in the legal system		1 1	
B8	trstplc	Trust in the police		2 2	
B9	trstplt	Trust in politicians		3 3	
B10	trstprt	Trust in political parties		4 4	
B11	trstep	Trust in the European Parliament		5 5	
				6 6	
B12	trstun	Trust in the United Nations		7 7	
				8 8	
				9 9	
				10 Complete trust	
				77 Refusal	
				88 Don't know	
				99 No answer	
B13	vote	Voted last national election	F1	1 Yes	Ask all Ask B14 <hr/> Go to B15
				2 No	
				3 Not eligible to vote	
				7 Refusal	
				8 Don't know	
				9 No answer	
B14	prtvxx	Party voted for in last national election, [country]	F2	66 Not applicable	If code 1 at B13 Country-specific question, see section E1.1 and E1.2
				77 Refusal	
				88 Don't know	
				99 No answer	
	prtvxx1	Party voted for in last national election 1, [country]	F2	66 Not applicable	
				77 Refusal	
				88 Don't know	
				99 No answer	
	prtvxx2	Party voted for in last national election 2, [country]	F2	66 Not applicable	
				77 Refusal	
				88 Don't know	
				99 No answer	

B15	contplt	Contacted politician or government official last 12 months	F1	1 Yes 2 No	Ask all B15-B18: Same format, values and categories
B16	donprty	Donated to or participated in political party or pressure group last 12 months		7 Refusal	
B17	badge	Worn or displayed campaign badge/sticker last 12 months		8 Don't know 9 No answer	
B18	sgnptit	Signed petition last 12 months			
B19	pbldmna	Taken part in public demonstration last 12 months	F1	1 Yes 2 No	Ask all B19-B22: Same format, values and categories
B20	bctprd	Boycotted certain products last 12 months		7 Refusal 8 Don't know	
B21	pstplonl	Posted or shared anything about politics online last 12 months		9 No answer	
B22	volunfp	Volunteered for not-for-profit or charitable organisation			
B23	clsprty	Feel closer to a particular party than all other parties	F1	1 Yes 2 No 7 Refusal 8 Don't know 9 No answer	Ask all Ask B24 <hr/> Go to B26
B24	prtlxx	Which party feel closer to, [country]	F2	66 Not applicable 77 Refusal 88 Don't know 99 No answer	If code 1 at B23 If party given at B24 then ask B25  Country-specific question, see section E1.1 and E1.2
B25	prtdgcl	How close to party	F1	1 Very close 2 Quite close 3 Not close 4 Not at all close 6 Not applicable 7 Refusal 8 Don't know 9 No answer	If party coded (codes 1 to xx) at B24
B26	lrscale	Placement on left right scale	F2	0 Left 1 1 2 2 3 3 4 4 5 5 6 6	Ask all

				7	7	
				8	8	
				9	9	
				10	Right	
				77	Refusal	
				88	Don't know	
				99	No answer	
B27	stflife	How satisfied with life as a whole	F2	0	Extremely dissatisfied	Ask all
				1	1	B27-B30: Same format, values and categories
B28	stfec0	How satisfied with present state of economy in country		2	2	
				3	3	
B29	stfgov	How satisfied with the national government		4	4	
				5	5	
B30	stfdem	How satisfied with the way democracy works in country		6	6	
				7	7	
				8	8	
				9	9	
				10	Extremely satisfied	
				77	Refusal	
				88	Don't know	
				99	No answer	
B31	stfedu	State of education in country nowadays	F2	0	Extremely bad	Ask all
				1	1	B31-B32: Same format, values and categories
B32	stfh1th	State of health services in country nowadays		2	2	
				3	3	
				4	4	
				5	5	
				6	6	
				7	7	
				8	8	
				9	9	
				10	Extremely good	
				77	Refusal	
				88	Don't know	
				99	No answer	
B33	gincdif	Government should reduce differences in income levels	F1	1	Agree strongly	Ask all
				2	Agree	B33-B36: Same format, values and categories
B34	freehms	Gays and lesbians free to live life as they wish		3	Neither agree nor disagree	
				4	Disagree	
B35	hmsfmlsh	Ashamed if close family member gay or lesbian		5	Disagree strongly	
				7	Refusal	
B36	hmsacld	Gay and lesbian couples right to adopt children		8	Don't know	
				9	No answer	
B37	eufft		F2	0	Unification already gone too far	Ask all

		European Union: European unification go further or gone too far		1 1 2 2 3 3 4 4 5 5 6 6 7 7 8 8 9 9 10 Unification go further 77 Refusal 88 Don't know 99 No answer	
B38	lrnobed	Obedience and respect for authority most important virtues children should learn Country needs most loyalty towards its leaders	F1	1 Agree strongly	Ask all B38-B39: Same format, values and categories
B39	loylead			2 Agree	
				3 Neither agree nor disagree	
				4 Disagree	
				5 Disagree strongly	
				7 Refusal	
				8 Don't know	
				9 No answer	
B40	imsmetn	Allow many/few immigrants of same race/ethnic group as majority	F1	1 Allow many to come and live here	
B41	imdfetn			2 Allow some	
				3 Allow a few	
				4 Allow none	
B42	impctr	Allow many/few immigrants from poorer countries outside Europe		7 Refusal	
				8 Don't know	
				9 No answer	
B43	imbgeco	Immigration bad or good for country's economy	F2	0 Bad for the economy 1 1 2 2 3 3 4 4 5 5 6 6 7 7 8 8 9 9 10 Good for the economy 77 Refusal 88 Don't know 99 No answer	Ask all

B44	imueclt	Country's cultural life undermined or enriched by immigrants	F2	0 Cultural life undermined 1 1 2 2 3 3 4 4 5 5 6 6 7 7 8 8 9 9 10 Cultural life enriched 77 Refusal 88 Don't know 99 No answer	Ask all
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B45	imwbcnt	Immigrants make country worse or better place to live	F2	0 Worse place to live 1 1 2 2 3 3 4 4 5 5 6 6 7 7 8 8 9 9 10 Better place to live 77 Refusal 88 Don't know 99 No answer	Ask all
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C1	happy	How happy are you	F2	0 Extremely unhappy 1 1 2 2 3 3 4 4 5 5 6 6 7 7 8 8 9 9 10 Extremely happy 77 Refusal 88 Don't know 99 No answer	Ask all
C2	sclmeet	How often socially meet with friends, relatives or colleagues	F2	1 Never 2 Less than once a month 3 Once a month 4 Several times a month 5 Once a week 6 Several times a week 7 Every day 77 Refusal 88 Don't know 99 No answer	Ask all
C3	inprdsc	How many people with whom you can discuss intimate and personal matters	F2	0 None 1 1 2 2 3 3 4 4-6 5 7-9 6 10 or more 77 Refusal 88 Don't know 99 No answer	Ask all
C4	sclact	Take part in social activities compared to others of same age	F1	1 Much less than most 2 Less than most 3 About the same 4 More than most 5 Much more than most 7 Refusal 8 Don't know 9 No answer	Ask all

C5	crmvct	Respondent or household member victim of burglary/assault last 5 years	F1	<ul style="list-style-type: none"> <li>1 Yes</li> <li>2 No</li> <li>7 Refusal</li> <li>8 Don't know</li> <li>9 No answer</li> </ul>	Ask all
C6	aesfdrk	Feeling of safety of walking alone in local area after dark	F1	<ul style="list-style-type: none"> <li>1 Very safe</li> <li>2 Safe</li> <li>3 Unsafe</li> <li>4 Very unsafe</li> <li>7 Refusal</li> <li>8 Don't know</li> <li>9 No answer</li> </ul>	Ask all
C7	health	Subjective general health	F1	<ul style="list-style-type: none"> <li>1 Very good</li> <li>2 Good</li> <li>3 Fair</li> <li>4 Bad</li> <li>5 Very bad</li> <li>7 Refusal</li> <li>8 Don't know</li> <li>9 No answer</li> </ul>	Ask all
C8	hlthhmp	Hampered in daily activities by illness/disability/infirmity/mental problem	F1	<ul style="list-style-type: none"> <li>1 Yes a lot</li> <li>2 Yes to some extent</li> <li>3 No</li> <li>7 Refusal</li> <li>8 Don't know</li> <li>9 No answer</li> </ul>	Ask all
C9	atchctr	How emotionally attached to [country]	F2	<ul style="list-style-type: none"> <li>0 Not at all emotionally attached</li> <li>1 1</li> <li>2 2</li> <li>3 3</li> <li>4 4</li> <li>5 5</li> <li>6 6</li> <li>7 7</li> <li>8 8</li> <li>9 9</li> <li>10 Very emotionally attached</li> <li>77 Refusal</li> <li>88 Don't know</li> <li>99 No answer</li> </ul>	Ask all
C10	atcherp	How emotionally attached to Europe			C9-C10: Same format, values and categories

C11	rigblg	Belonging to particular religion or denomination	F1	1 Yes 2 No 7 Refusal 8 Don't know 9 No answer	Ask all Ask C12 <hr/> Go to C13
C12	rigdnm	Religion or denomination belonging to at present	F2	1 Roman Catholic 2 Protestant 3 Eastern Orthodox 4 Other Christian denomination 5 Jewish 6 Islamic 7 Eastern religions 8 Other non-Christian religions 66 Not applicable 77 Refusal 99 No answer	If code 1 at C11 C12: ESS religion coding frame, see section D2.1 <hr/> Go to C15 <hr/> Go to C15
	rigdnxx	Religion or denomination belonging to at present, [country]	F4	6666 Not applicable 7777 Refusal 9999 No answer	If code 1 at C11 Country-specific question, see section E1.1
C13	rigblge	Ever belonging to particular religion or denomination	F1	1 Yes 2 No 6 Not applicable 7 Refusal 8 Don't know 9 No answer	If code 2, 7 or 8 at C11 Ask C14 <hr/> Go to C15 <hr/> Go to C15
C14	rigdnme	Religion or denomination belonging to in the past	F2	1 Roman Catholic 2 Protestant 3 Eastern Orthodox 4 Other Christian denomination 5 Jewish 6 Islamic 7 Eastern religions 8 Other non-Christian religions 66 Not applicable 77 Refusal 99 No answer	If code 1 at C13 C14: ESS religion coding frame, see section D2.1
	rigdexx	Religion or denomination belonging to in the past, [country]	F4	6666 Not applicable 7777 Refusal	If code 1 at C13 Country-specific question, see section E1.1

				9999	No answer	
						Ask all
C15	rlgdgr	How religious are you	F2	0	Not at all religious	
				1	1	
				2	2	
				3	3	
				4	4	
				5	5	
				6	6	
				7	7	
				8	8	
				9	9	
				10	Very religious	
				77	Refusal	
				88	Don't know	
				99	No answer	
						Ask all
C16	rlgatnd	How often attend religious services apart from special occasions	F2	1	Every day	C16-C17: Same format, values and categories
C17	pray	How often pray apart from at religious services		2	More than once a week	
				3	Once a week	
				4	At least once a month	
				5	Only on special holy days	
				6	Less often	
				7	Never	
				77	Refusal	
				88	Don't know	
				99	No answer	
						Ask all
C18	dscrgrp	Member of a group discriminated against in this country	F1	1	Yes	Ask C19
				2	No	
				7	Refusal	
				8	Don't know	Go to C20
				9	No answer	
						If code 1 at C18
C19	dscrrce	Discrimination of respondent's group: colour or race	F1	0	Not marked	C19 dscrrce-dscrna: Same format, values and categories
	dscrntn	Discrimination of respondent's group: nationality		1	Marked	
	dscrllg	Discrimination of respondent's group: religion				See Section C2
	dscrllg	Discrimination of respondent's group: language				
	dscrcrn	Discrimination of respondent's group: ethnic group				
	dscrcrge	Discrimination of respondent's group: age				
	dscrgrnd	Discrimination of respondent's group: gender				
	dscrsex	Discrimination of respondent's group: sexuality				
	dscrdsb	Discrimination of respondent's group: disability				
	dscroth	Discrimination of respondent's group: other grounds				

	dscrchk	Discrimination of respondent's group: don't know				
	dscrref	Discrimination of respondent's group: refusal				
	dscrnap	Discrimination of respondent's group: not applicable				
	dscrna	Discrimination of respondent's group: no answer				
C20	ctzcntr	Citizen of country	F1	1 Yes 2 No 7 Refusal 8 Don't know 9 No answer		Ask all
C21	brncntr	Born in country	F1	1 Yes 2 No 7 Refusal 8 Don't know 9 No answer		Ask all Go to C24 Ask C22 Go to C24
C22	cntbrthd	Country of birth	A4	"6666" Not applicable "7777" Refusal "8888" Don't know "9999" No answer		If code 2 at C21 C22: ISO 3166-1, see section D1.1
C23	livecnta	What year you first came to live in country	F4	6666 Not applicable 7777 Refusal 8888 Don't know 9999 No answer		If code 2 at C21
C24	Inghom1	Language most often spoken at home: first mentioned	A3	"777" Refusal "888" Don't know "999" No answer		Ask all C24: ISO 639-2, see section D1.2
C24	Inghom2	Language most often spoken at home: second mentioned	A3	"000" No second language mentioned "777" Refusal "888" Don't know "999" No answer		Ask all
C25	feethngr	Feel part of same race or ethnic group as most people in country	F1	1 Yes 2 No 7 Refusal 8 Don't know 9 No answer		Ask all

C26	facntr	Father born in country	F1	1 Yes 2 No 7 Refusal 8 Don't know 9 No answer	Ask all Go to C28 Ask C27 Go to C28
C27	fbrncntc	Country of birth, father	A4	"6666" Not applicable "7777" Refusal "8888" Don't know "9999" No answer	If code 2 at C26 C22: ISO 3166-1, see section D1.1
C28	mocntr	Mother born in country	F1	1 Yes 2 No 7 Refusal 8 Don't know 9 No answer	Ask all Go to C30 Ask C29 Go to C30
C29	mbrncntc	Country of birth, mother	A4	"6666" Not applicable "7777" Refusal "8888" Don't know "9999" No answer	If code 2 at C28 C22: ISO 3166-1, see section D1.1
C30	ccnthum	Climate change caused by natural processes, human activity, or both	F2	1 Entirely by natural processes 2 Mainly by natural processes 3 About equally by natural processes and human activity 4 Mainly by human activity 5 Entirely by human activity 55 I don't think climate change is happening 77 Refusal 88 Don't know 99 No answer	Ask all Ask C31 Go to introduction before C43 Ask C31
C31	ccrdprs	To what extent feel personal responsibility to reduce climate change	F2	0 Not at all 1 1 2 2 3 3 4 4 5 5 6 6 7 7 8 8 9 9 10 A great deal	If code 1-5, 77, 88 at C30

- 66 Not applicable
- 77 Refusal
- 88 Don't know
- 99 No answer

If code 1-5, 77, 88 at C30

C32	wrc1mch	How worried about climate change	F1	<ul style="list-style-type: none"> <li>1 Not at all worried</li> <li>2 Not very worried</li> <li>3 Somewhat worried</li> <li>4 Very worried</li> <li>5 Extremely worried</li> <li>6 Not applicable</li> <li>7 Refusal</li> <li>8 Don't know</li> <li>9 No answer</li> </ul>
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If code 1-5, 77 or 88 at C30

C33	admrc1c	Administration of reduce climate change	F1	<ul style="list-style-type: none"> <li>1 Group 1</li> <li>2 Group 2</li> <li>3 Group 3</li> <li>6 Not applicable</li> <li>9 Not available</li> </ul>
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Code all by automated random allocation  
Ask C34  
Go to C37  
Go to C40

C34	testjc34	Imagine large numbers of people limit energy use, how likely reduce climate change How likely, large numbers of people limit energy use How likely, governments in enough countries take action to reduce climate change	F2	0 Not at all likely
C35	testjc35			1 1
C36	testjc36			2 2
				3 3
				4 4
				5 5
				6 6
				7 7
				8 8
				9 9
				10 Extremely likely
				66 Not applicable
				77 Refusal
				88 Don't know
				99 No answer

If code 1 at C33  
C34-C36: Same format, values and categories

- New test question for ESS11.

C37 <sup>-</sup>	testjc37	Imagine large numbers of people limit energy use, how likely reduce climate change	F1	1 Very likely 2 Likely 3 Somewhat likely 4 Not likely 5 Not at all likely 6 Not applicable 7 Refusal 8 Don't know 9 No answer	If code 2 at C33 C37-C39: Same format, values and categories
C38 <sup>-</sup>	testjc38	How likely, large numbers of people limit energy use			
C39 <sup>-</sup>	testjc39	How likely, governments in enough countries take action to reduce climate change			
C40 <sup>-</sup>	testjc40	Imagine large numbers of people limit energy use, how likely reduce climate change	F1	0 Not at all likely 1 1 2 2 3 3 4 Very likely 6 Not applicable 7 Refusal 8 Don't know 9 No answer	If code 3 at C33 C40-C42: Same format, values and categories
C41 <sup>-</sup>	testjc41	How likely, large numbers of people limit energy use			
C42 <sup>-</sup>	testjc42	How likely, governments in enough countries take action to reduce climate change			
C43 <sup>9</sup>	vteurmmb	Would vote for [country] to remain member of European Union or leave	F2	1 Remain member of the European Union 2 Leave the European Union 33 Would submit a blank ballot paper 44 Would spoil the ballot paper 55 Would not vote 65 Not eligible to vote 77 Refusal 88 Don't know 99 No answer	EU countries only
C44 <sup>10</sup>	vteucmb	Would vote for [country] to become member of European Union or remain outside	F2	1 Become a member of the European Union 2 Remain outside the European Union 33 Would submit a blank ballot paper 44 Would spoil the ballot paper 55 Would not vote 65 Not eligible to vote 77 Refusal 88 Don't know 99 No answer	Non-EU countries only

- New test question for ESS11.

<sup>9</sup> Repeat item from ESS8/ESS9/ESS10 for EU countries only, included on a voluntary basis.

<sup>10</sup> Repeat item from ESS8/ESS9/ESS10 for non-EU countries only, included on a voluntary basis.



					Ask all
D1 <sup>1</sup>	ctrlife	How much control over life in general nowadays	F2	0 No control at all 1 1 2 2 3 3 4 4 5 5 6 6 7 7 8 8 9 9 10 Complete control 77 Refusal 88 Don't know 99 No answer	
D2	etfruit	How often eat fruit, excluding drinking juice	F2	1 Three times or more a day 2 Twice a day 3 Once a day 4 Less than once a day but at least 4 times a week 5 Less than 4 times a week but at least once a week 6 Less than once a week 7 Never 77 Refusal 88 Don't know 99 No answer	Ask all D2-D3: Same format, values and categories
D3	eatveg	How often eat vegetables or salad, excluding potatoes			
D4	dosprt	Do sports or other physical activity, how many of last 7 days	F2	77 Refusal 88 Don't know 99 No answer	Ask all
D5	cgtsmok	Cigarettes smoking behaviour	F1	1 I smoke daily, 10 or more cigarettes 2 I smoke daily, 9 or fewer cigarettes 3 I smoke but not every day 4 I don't smoke now but I used to 5 I have only smoked a few times 6 I have never smoked 7 Refusal 8 Don't know 9 No answer	Ask all

<sup>1</sup> New question in ESS11

D6	alcfreq	How often drink alcohol	F2	01 Every day 02 Several times a week 03 Once a week 04 2-3 times a month 05 Once a month 06 Less than once a month 07 Never 77 Refusal 88 Don't know 99 No answer	Ask all Ask D7     Go to D11 Ask D7
D7	alcwkdy	Grams alcohol, last time drinking on a weekday, Monday to Thursday	F4	5555 Never drink alcohol Monday to Thursday 6666 Not applicable 7777 Refusal 8888 Don't know 9999 No answer	Ask D7 if D6=01-06,77,88 D7: ESS alcohol consumption coding frame, see section E1.8
	D7_1xx	Number of drinks weekday, 1st type [country]	F2		D7_1xx-D7_Nxx: Country-specific, see section E1.8  Same format, values and categories
	D7_2xx	Number of drinks weekday, 2nd type [country]			
	D7_3xx	Number of drinks weekday, 3rd type [country]			
	D7_4xx	Number of drinks weekday, 4th type [country]			
	D7_5xx	Number of drinks weekday, 5th type [country]			
	D7_6xx	Number of drinks weekday, 6th type [country]			
	D7_7xx	Number of drinks weekday, 7th type [country]			
	D7_8xx	Number of drinks weekday, 8th type [country]			
	D7_9xx	Number of drinks weekday, 9th type [country]			
	D7_Nxx	Number of drinks weekday, nth type [country]			
	D7_ND	Number of drinks weekday, never drink on these days	F1	0 Not marked 1 Marked	D7_ND-D7_NA: Same format, values and categories
	D7_NAP	Number of drinks weekday, not applicable			
	D7_REF	Number of drinks weekday, refusal			
	D7_DK	Number of drinks weekday, don't know			
	D7_NA	Number of drinks weekday, no answer			
D8	alcwknd	Grams alcohol, last time drinking on a weekend day, Friday to Sunday	F4	5555 Never drink alcohol Friday to Sunday 6666 Not applicable 7777 Refusal 8888 Don't know 9999 No answer	Ask D8 if D6=01-06,77,88 D8: ESS alcohol consumption coding frame, see section E1.8
	D8_1xx	Number of drinks weekend day, 1st type [country]	F2		D8_1xx-D8_Nxx: Country-specific, see section E1.8
	D8_2xx	Number of drinks weekend day, 2nd type [country]			

	D8_3xx	Number of drinks weekend day, 3rd type [country]				Same format, values and categories
	D8_4xx	Number of drinks weekend day, 4th type [country]				
	D8_5xx	Number of drinks weekend day, 5th type [country]				
	D8_6xx	Number of drinks weekend day, 6th type [country]				
	D8_7xx	Number of drinks weekend day, 7th type [country]				
	D8_8xx	Number of drinks weekend day, 8th type [country]				
	D8_9xx	Number of drinks weekend day, 9th type [country]				
	D8_Nxx	Number of drinks weekend day, nth type [country]				
	D8_ND	Number of drinks weekend day, never drink on these days	F1	0 Not marked 1 Marked		D8_ND-D8_NA: Same format, values and categories
	D8_NAP	Number of drinks weekend day, not applicable				
	D8_REF	Number of drinks weekend day, refusal				
	D8_DK	Number of drinks weekend day, don't know				
	D8_NA	Number of drinks weekend day, no answer				
D9	icgndra	Interviewer code, gender of respondent	F1	1 Respondent is male 2 Respondent is female 6 Not applicable 9 Not available		Code D9 if D6=01-06,77,88 Ask D10a Go to D10b
D10a-b	alcbnge	Frequency of binge drinking for men and women, last 12 months	F1	1 Daily or almost daily 2 Weekly 3 Monthly 4 Less than monthly 5 Never 6 Not applicable 7 Refusal 8 Don't know 9 No answer		Ask D10a if D9=1 (male)/ ask D10b if D9=2 (female)
D11	height	Height of respondent (cm)	F3	777 Refusal 888 Don't know 999 No answer		D11: Ask all
D12	weighta	Weight of respondent (kg)	F3	777 Refusal 888 Don't know 999 No answer		D12: Ask all
D13	dshltgp	Discussed health, last 12 months: general practitioner	F1	0 Not marked 1 Marked		D13: Ask all D13: dshltgp - dshltna: Same format, values and categories See Section C2
	dshltms	Discussed health, last 12 months: medical specialist				
	dshltnt	Discussed health, last 12 months:				

		none of these			
	dshltref	Discussed health, last 12 months: refusal			
	dshltdk	Discussed health, last 12 months: don't know			
	dshltna	Discussed health, last 12 months: no answer			
D14	medtruna	Unable to get medical consultation or treatment, last 12 months	F1	1 Yes 2 No 7 Refusal 8 Don't know 9 No answer	D14: Ask all Ask D15 Go to D16 Go to D17 Go to D16
D15	medtrnp	No medical consultation or treatment, reason: could not pay	F1	0 Not marked 1 Marked	D15: Ask if D14=1 D15: medtrnp - medtrna: Same format, values and categories See Section C2
	medtrnt	No medical consultation or treatment, reason: could not take time off work			
	medtroc	No medical consultation or treatment, reason: other commitments			
	medtrnl	No medical consultation or treatment, reason: not available where you live			
	medtrwl	No medical consultation or treatment, reason: waiting list too long			
	medtrnaa	No medical consultation or treatment, reason: no appointments available			
	medtroth	No medical consultation or treatment, reason: other			
	medtrnap	No medical consultation or treatment, reason: not applicable			
	medtrref	No medical consultation or treatment, reason: refusal			
	medtrdk	No medical consultation or treatment, reason: don't know			
	medtrna	No medical consultation or treatment, reason: no answer			
D16	medtrnu	Never unable to get medical consultation or treatment, reason, last 12 months	F1	1 Were able to get medical consultation or treatment needed 2 Did not need medical consultation or treatment 6 Not applicable 7 Refusal 8 Don't know 9 No answer	Ask D16 if D14=2,8
D17	hlpfmlly	Looking after or helping family members, friends, neighbours or others	F1	1 Yes 2 No 7 Refusal 8 Don't know 9 No answer	D17: Ask all Ask D18 Go to D19
D18	hlpfmhr	Hours a week looking after or helping family members, friends, neighbours or others	F2	01 1-10 hours a week 02 11-20 hours a week 03 21-30 hours a week 04 31-40 hours a week 05 41-50 hours a week	Ask D18 if D17=1

- 06 More than 50 hours a week
- 55 Less than 1 hour a week
- 66 Not applicable
- 77 Refusal
- 88 Don't know
- 99 No answer

D19	trhltacu	Treatments used for own health, last 12 months: acupuncture	F1	0 Not marked 1 Marked	D19: Ask all D19: trhltacu - trhltna: Same format, values and categories See Section C2
	trhltacp	Treatments used for own health, last 12 months: acupressure			
	trhltcm	Treatments used for own health, last 12 months: chinese medicine			
	trhltch	Treatments used for own health, last 12 months: chiropractics			
	trhltos	Treatments used for own health, last 12 months: osteopathy			
	trhlttho	Treatments used for own health, last 12 months: homeopathy			
	trhltht	Treatments used for own health, last 12 months: herbal treatment			
	trhlthy	Treatments used for own health, last 12 months: hypnotherapy			
	trhltmt	Treatments used for own health, last 12 months: massage therapy			
	trhltpt	Treatments used for own health, last 12 months: physiotherapy			
	trhltre	Treatments used for own health, last 12 months: reflexology			
	trhltsh	Treatments used for own health, last 12 months: spiritual healing			
	trhltnt	Treatments used for own health, last 12 months: none of these			
	trhltref	Treatments used for own health, last 12 months: refusal			
	trhltdk	Treatments used for own health, last 12 months: don't know			
	trhltna	Treatments used for own health, last 12 months: no answer			
D20	fltldr	Felt depressed, how often past week	F1	1 None or almost none of the time	D20-D27: Ask all
D21	flteeff	Felt everything did as effort, how often past week		2 Some of the time	D20-D27: Same format, values and categories
D22	slprl	Sleep was restless, how often past week		3 Most of the time	
D23	wrhpp	Were happy, how often past week		4 All or almost all of the time	
D24	fltlnl	Felt lonely, how often past week		7 Refusal	
D25	enjlf	Enjoyed life, how often past week		8 Don't know	
D26	fltsd	Felt sad, how often past week		9 No answer	
D27	cldgng	Could not get going, how often past week			
D28	hltprhc	Health problems, last 12 months: heart or circulation problem	F1	0 Not marked 1 Marked	D28: Ask all D28: hltprhc - hltprna: Same format, values and categories See Section C2
	hltprhb	Health problems, last 12 months: high blood pressure			
	hltprbp	Health problems, last 12 months: breathing problems			
	hltpral	Health problems, last 12 months: allergies			
	hltprbn	Health problems, last 12 months: back or neck pain			
	hltprpa	Health problems, last 12 months: muscular or joint pain in hand or arm			

hitprpf Health problems, last 12 months: muscular or joint pain in foot or leg  
 hitprsd Health problems, last 12 months: stomach or digestion related  
 hitprsc Health problems, last 12 months: skin condition related  
 hitprsh Health problems, last 12 months: severe headaches  
 hitprdi Health problems, last 12 months: diabetes  
 hitprnt Health problems, last 12 months: none of these  
 hitprref Health problems, last 12 months: refusal  
 hitprdk Health problems, last 12 months: don't know  
 hitprna Health problems, last 12 months: no answer

D29	hitphhc	Health problems, hampered, last 12 month: heart or circulation problem	F1	0 Not marked 1 Marked
	hitphhb	Health problems, hampered, last 12 month: high blood pressure		
	hitphbp	Health problems, hampered, last 12 month: breathing problems		
	hitphal	Health problems, hampered, last 12 month: allergies		
	hitphbn	Health problems, hampered, last 12 month: back or neck pain		
	hitphpa	Health problems, hampered, last 12 month: muscular or joint pain in hand or arm		
	hitphpf	Health problems, hampered, last 12 month: muscular or joint pain in foot or leg		
	hitphsd	Health problems, hampered, last 12 month: stomach or digestion related		
	hitphsc	Health problems, hampered, last 12 month: skin condition related		
	hitphsh	Health problems, hampered, last 12 month: severe headaches		
	hitphdi	Health problems, hampered, last 12 month: diabetes		
	hitphnt	Health problems, hampered, last 12 month: none of these		
	hitphnap	Health problems, hampered, last 12 month: not applicable		
	hitphref	Health problems, hampered, last 12 month: refusal		
	hitphdk	Health problems, hampered, last 12 month: don't know		
	hitphna	Health problems, hampered, last 12 month: no answer		

Ask D29 if one or more coded 1 at D28 01-11  
D29: hitphhc - hitphna: Same format, values and categories

See Section C2

D30	hitprca	Have or had any health problems listed on showcard (cancer)	F1	1 Yes, currently 2 Yes, previously 3 No, never 7 Refusal 8 Don't know 9 No answer
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D30: Ask all  
Go to D32  
Go to D31  
Go to D32

D31	cancfre	Cancer-free, for how long	F1	1 Less than 5 years 2 5-10 years 3 More than 10 years 6 Not applicable 7 Refusal 8 Don't know
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Ask if code 2 at D30

9 No answer

D32	cnfpplh	Serious conflict between people in household when growing up, how often	F1
D33	fnsdfml	Severe financial difficulties in family when growing up, how often	

- 1 Always
- 2 Often
- 3 Sometimes
- 4 Hardly ever
- 5 Never
- 7 Refusal
- 8 Don't know
- 9 No answer

Ask all

D32-D33: Same format values and categories

E1	nobingnd	Non-binary gender: which option respondent says best describes them	F1	1 A man 2 A woman 3 Other 7 Prefer not to answer 8 Don't know 9 No answer	Ask all
E2	likrisk	I like to take risks, to what extent	F1	0 Not at all	Ask all E2-E5: same format, values and categories
E3	liklead	I like to be a leader, to what extent		1 1	
E4	sothnds	I am sensitive to others' needs		2 2	
E5	actcomp	I act compassionately towards others, to what extent		3 3	
				4 4	
				5 5	
				6 Completely	
				7 Refusal	
				8 Don't know	
				9 No answer	
E6	mascfel	How masculine respondent feels	F1	0 Not at all masculine	Ask all
				1 1	
				2 2	
				3 3	
				4 4	
				5 5	
				6 Very masculine	
				7 Refusal	
				8 Don't know	
				9 No answer	
E7	femifel	How feminine respondent feels	F1	0 Not at all feminine	Ask all
				1 1	
				2 2	
				3 3	
				4 4	
				5 5	
				6 Very feminine	
				7 Refusal	
				8 Don't know	
				9 No answer	
E8m-w	impbemw	How important being a man/woman is to the way respondent think about him/herself	F2	0 Not at all important	Ask E8m if E1=1 (male) /ask E8w if E1=2 (female)
				1 1	
				2 2	
				3 3	
				4 4	



- 5 5
- 6 Extremely important
- 66 Not applicable
- 77 Refusal
- 88 Don't know
- 99 No answer

Ask E9m if E1=1 (male) /ask E9w if E1=2 (female)

E9m-w trmedmw Unfairly treated when visiting a doctor or seeking medical treatment because being a man/woman F1

- 1 Yes, once
- 2 Yes, more than once
- 3 No
- 4 Have never visited doctor or sought medical treatment
- 6 Not applicable
- 7 Refusal
- 8 Don't know
- 9 No answer

Ask E10m if E1=1 (male) /ask E10w if E1=2 (female)

E10m-w trwrkmw Unfairly treated in hiring pay or promotion at work because being a man/woman F1

- 1 Yes, once
- 2 Yes, more than once
- 3 No
- 4 Have never had job or applied for a job
- 6 Not applicable
- 7 Refusal
- 8 Don't know
- 9 No answer

Ask E11m if E1=1 (male) /ask E11w if E1=2 (female)

E11m-w trplcmw Unfairly treated by the police because being a man/woman F1

- 1 Yes, once
- 2 Yes, more than once
- 3 No
- 4 Have never had any contact with the police
- 6 Not applicable
- 7 Refusal
- 8 Don't know
- 9 No answer

Ask all  
E12-E13: same format, values and categories

E12 trmdcnt Women/men: treated equally fairly when seeking medical treatment in [country] F1

- 1 Women are treated less fairly than men
- 2 Men are treated less fairly than women
- 3 Women and men are treated equally fairly
- 7 Refusal
- 8 Don't know
- 9 No answer

E13 trwkcnc Women/men: treated equally fairly in hiring, pay or promotions at work in [country]

- 7 Refusal
- 8 Don't know
- 9 No answer

E14	trplcnt	How fair the police in [country] treat women/men	F1	1 The police treat women less fairly than men 2 The police treat men less fairly than women 3 Women and men are treated equally fairly 7 Refusal 8 Don't know 9 No answer	Ask all
E15	eqwrkbg	Bad or good for family life in [country] if equal numbers of women and men are in paid work	F1	0 Very bad for family life in [country] 1 1 2 2 3 3 4 4 5 5 6 Very good for family life in [country] 7 Refusal 8 Don't know 9 No answer	Ask all
E16	eqpolbg	Bad or good for politics in [country] if equal numbers of women and men are in positions of political leadership	F1	0 Very bad for politics in [country] 1 1 2 2 3 3 4 4 5 5 6 Very good for politics in [country] 7 Refusal 8 Don't know 9 No answer	Ask all
E17	eqmgmbg	Bad or good for businesses in [country] if equal numbers of women and men are in higher management positions	F1	0 Very bad for businesses in [country] 1 1 2 2 3 3 4 4 5 5 6 Very good for businesses in [country] 7 Refusal 8 Don't know 9 No answer	Ask all
E18	eqpaybg	Bad or good for economy in [country] if women and men receive equal pay for doing the same work	F1	0 Very bad for the strength of the economy in [country] 1 1 2 2	Ask all

				3	3	
				4	4	
				5	5	
				6	Very good for the strength of the economy in [country]	
				7	Refusal	
				8	Don't know	
				9	No answer	
						Ask all
E19	eqparep	Dividing the number of seats in parliament equally between women and men	F1	1	Strongly in favour	E19-E22: Same format, values and categories
E20	eqparlv	Require both parents to take equal periods of paid leave to care for their child		2	Somewhat in favour	
E21	freinsw	Firing employees who make insulting comments directed at women in the workplace		3	Neither in favour nor against	
E22	fineqpy	Making businesses pay a fine when they pay men more than women for doing the same work		4	Somewhat against	
				5	Strongly against	
				7	Refusal	
				8	Don't know	
				9	No answer	
E23	wsekpwr	How often women seek to gain power by getting control over men	F1	1	Never	Ask all E23-E26: Same format, values and categories
E24	weasoff	How often women get easily offended?		2	Rarely	
E25	wlespdm	How often women paid less than men for same work in [country]		3	Sometimes	
E26	wexashr	How often women exaggerate claims of sexual harassment in the workplace		4	Often	
				5	Always	
				7	Refusal	
				8	Don't know	
				9	No answer	
E27	wprtbym	Women should be protected by men	F1	1	Agree strongly	Ask all E27-E28: Same format, values and categories
E28	wbrgwrn	Women tend to have better sense of what is right and wrong compared with men		2	Agree	
				3	Neither agree nor disagree	
				4	Disagree	
				5	Disagree strongly	
				7	Refusal	
				8	Don't know	
				9	No answer	

F1	hhmb	Number of people living regularly as member of household	F2	77 Refusal 88 Don't know 99 No answer	Ask all
F2	gndr	Gender	F1	1 Male 2 Female 9 No answer	Ask all
	gndr2	Gender of second person in household	F1	1 Male 2 Female	Ask all F2: gndr2-gndrn: Same format, values and categories
	gndr3	Gender of third person in household		6 Not applicable 7 Refusal	
	gndrn	Gender of N-th person in household		9 No answer	Descending age order (oldest first)
					Ask all
F3 <sup>15</sup>	yrbrn	Year of birth	F4	7777 Refusal 8888 Don't know 9999 No answer	Calendar year
	yrbrn2	Year of birth of second person in household	F4	6666 Not applicable 7777 Refusal	Ask all Calendar year
	yrbrn3	Year of birth of third person in household		8888 Don't know 9999 No answer	F3: yrbrn2-yrbrnn: Same format, values and categories
	yrbrnn	Year of birth of N-th person in household			Descending age order (oldest first)
					Ask all
F4	rshipa2	Second person in household: relationship to respondent	F2	1 Husband/wife/partner 2 Son/daughter/step/adopted/foster 3 Parent/parent-in-law 4 Brother/sister/step/adopted/foster 5 Other relative 6 Other non-relative 66 Not applicable 77 Refusal 88 Don't know 99 No answer	F4: rshipa2- rshipan: Same format, values and categories
	rshipa3	Third person in household: relationship to respondent			
	rshipan	N-th person in household: relationship to respondent			Descending age order (oldest first)
					Ask all
F6	rshpsts	Relationship with husband/wife/partner currently living with	F2	1 Legally married 2 In a legally registered civil union 3 Living with my partner - not legally recognised 4 Living with my partner - legally recognised 5 Legally separated	If code 1 at F4 Ask F7 <hr/> Go to F8 <hr/> Ask F7

<sup>15</sup> Variables yrbrn, yrbrn2-yrbrnn: Year of birth coded to limit the maximum possible age to 90.

				6 Legally divorced/Civil union dissolved	Ask F7
				66 Not applicable	
				77 Refusal	
				88 Don't know	
				99 No answer	
F7	lvcptnea	Ever lived with a partner, without being married	F1	1 Yes	If NOT code 1 at F4 or if code 1-2, 5-6, 77, 88 at F6
				2 No	
				6 Not applicable	
				7 Refusal	
				8 Don't know	
				9 No answer	
F8	dvrcteva	Ever been divorced/had civil union dissolved	F1	1 Yes	Ask all
				2 No	
				7 Refusal	
				8 Don't know	
				9 No answer	
F11	marsts	Legal marital status	F2	1 Legally married	If NOT code 1 at F4 or if code 3, 4 at F6
				2 In a legally registered civil union	
				3 Legally separated	
				4 Legally divorced/Civil union dissolved	
				5 Widowed/Civil partner died	
				6 None of these (NEVER married or in legally registered civil union)	
				66 Not applicable	
				77 Refusal	
				88 Don't know	
				99 No answer	
F13	chldhhe	Ever had children living in household	F1	1 Yes	If NOT code 2 at F4
				2 No	
				6 Not applicable	
				7 Refusal	
				8 Don't know	
				9 No answer	
F14	domicil	Domicile, respondent's description	F1	1 A big city	Ask all
				2 Suburbs or outskirts of big city	
				3 Town or small city	
				4 Country village	
				5 Farm or home in countryside	
				7 Refusal	
				8 Don't know	

					9	No answer		
							Ask all	
F14a <sup>16</sup>	paccmoro	Problems with accommodation: mold or rot in windows, doors and floors	F1	1		Marked	F14a: paccmoro - paccna: Same format, values, and categories	
	paccdwlr	Problems with accommodation: damp walls or leaking roof		0		Not marked		
	pacclift	Problems with accommodation: lack of indoor flushing toilet					See Section C2	
	paccnbsh	Problems with accommodation: neither bath nor shower						
	paccocrw	Problems with accommodation: overcrowding						
	paccxhoc	Problems with accommodation: extremely hot or extremely cold						
	paccnois	Problems with accommodation: noise						
	paccinro	Problems with accommodation: presence of insects or rodents						
	paccnt	Problems with accommodation: none of these						
	paccref	Problems with accommodation: refusal						
	paccdk	Problems with accommodation: don't know						
	paccna	Problems with accommodation: no answer						
							Ask all	
F15	edulvlb	Highest level of education	F4	0	Not completed ISCED level 1		ESS education coding frame, see section D2.2	
				113	ISCED 1, completed primary education			
				129	Vocational ISCED 2C < 2 years, no access ISCED 3			
				212	General/pre-vocational ISCED 2A/2B, access ISCED 3 vocational			
				213	General ISCED 2A, access ISCED 3A general/all 3			
				221	Vocational ISCED 2C >= 2 years, no access ISCED 3			
				222	Vocational ISCED 2A/2B, access ISCED 3 vocational			
				223	Vocational ISCED 2, access ISCED 3 general/all			
				229	Vocational ISCED 3C < 2 years, no access ISCED 5			
				311	General ISCED 3 >=2 years, no access ISCED 5			
				312	General ISCED 3A/3B, access ISCED 5B/lower tier 5A			
				313	General ISCED 3A, access upper tier ISCED 5A/all 5			
				321	Vocational ISCED 3C >= 2 years, no access ISCED 5			
				322	Vocational ISCED 3A, access ISCED 5B/ lower tier 5A			
				323	Vocational ISCED 3A, access upper tier ISCED 5A/all 5			
				412	General ISCED 4A/4B, access ISCED 5B/lower tier 5A			
				413	General ISCED 4A, access upper tier ISCED 5A/all 5			
				421	ISCED 4 programmes without access ISCED 5			
				422	Vocational ISCED 4A/4B, access ISCED 5B/lower tier 5A			
				423	Vocational ISCED 4A, access upper tier ISCED 5A/all 5			
				510	ISCED 5A short, intermediate/academic/general tertiary below bachelor			
				520	ISCED 5B short, advanced vocational qualifications			

<sup>16</sup> Part of Round 11 rotating module on Health

				610	ISCED 5A medium, bachelor/equivalent from lower tier tertiary	
				620	ISCED 5A medium, bachelor/equivalent from upper/single tier tertiary	
				710	ISCED 5A long, master/equivalent from lower tier tertiary	
				720	ISCED 5A long, master/equivalent from upper/single tier tertiary	
				800	ISCED 6, doctoral degree	
				5555	Other	
				7777	Refusal	
				8888	Don't know	
				9999	No answer	
	edlvdx	Highest level of education, [country]	F4	5555	Other	Country-specific, see section E1.3
				7777	Refusal	
				8888	Don't know	
				9999	No answer	
F16	edyrs	Years of full-time education completed	F2	77	Refusal	Ask all
				88	Don't know	
				99	No answer	
F17a	pdwrk	Doing last 7 days: paid work	F1	0	Not marked	Ask all
	edctn	Doing last 7 days: education		1	Marked	F17a: pdwrk-dngna: Same format, values and categories
	uempla	Doing last 7 days: unemployed, actively looking for job				See Section C2
	uempli	Doing last 7 days: unemployed, not actively looking for job				
	dsbld	Doing last 7 days: permanently sick or disabled				
	rtrd	Doing last 7 days: retired				
	cmsrv	Doing last 7 days: community or military service				
	hswrk	Doing last 7 days: housework, looking after children, others				
	dngoth	Doing last 7 days: other				
	dngref	Doing last 7 days: refusal				
	dngdk	Doing last 7 days: don't know				
	dngna	Doing last 7 days: no answer				
F17c	mainact	Main activity last 7 days	F2	1	Paid work	If more than one coded at F17a
				2	Education	
				3	Unemployed, looking for job	
				4	Unemployed, not looking for job	
				5	Permanently sick or disabled	
				6	Retired	
				7	Community or military service	
				8	Housework, looking after children, others	
				9	Other	
				66	Not applicable	
				77	Refusal	

				88 Don't know	
				99 No answer	
F18	crpdwk	Control paid work last 7 days	F1	1 Yes	If NOT code 1 at F17a Go to F21
				2 No	Ask F19
				6 Not applicable	
				7 Refusal	
				8 Don't know	Ask F19
				9 No answer	
F19	pdjobev	Ever had a paid job	F1	1 Yes	If code 2, 7 or 8 at F18 Ask F20
				2 No	Go to F36
				6 Not applicable	
				7 Refusal	
				8 Don't know	Go to F36
				9 No answer	
F20	pdjobyr	Year last in paid job	F4	6666 Not applicable	If code 1 at F19 Calendar year
				7777 Refusal	
				8888 Don't know	
				9999 No answer	
F21	emplrel	Employment relation	F1	1 Employee	If code 1 at F17a pdwrk, or code 1 at F18, or code 1 at F19 Go to F23
				2 Self-employed	Ask F22
				3 Working for own family business	Go to F23
				6 Not applicable	
				7 Refusal	
				8 Don't know	Go to F23
				9 No answer	
F22	emplno	Number of employees respondent has/had	F5	66666 Not applicable	If code 2 at F21 Go to F24 if number of employees given at F22
				77777 Refusal	
				88888 Don't know	Go to F24
				99999 No answer	
F23	wrkctra	Employment contract unlimited or limited duration	F1	1 Unlimited	If code 1, 3, 7 or 8 at F21
				2 Limited	
				3 No contract	
				6 Not applicable	
				7 Refusal	
				8 Don't know	
				9 No answer	



F24	estsz	Establishment size	F1	1 Under 10 2 10 to 24 3 25 to 99 4 100 to 499 5 500 or more 6 Not applicable 7 Refusal 8 Don't know 9 No answer	If code 1 at F17a pdwrk, or code 1 at F18, or code 1 at F19
F25	jbspv	Responsible for supervising other employees	F1	1 Yes 2 No 6 Not applicable 7 Refusal 8 Don't know 9 No answer	If code 1 at F17a pdwrk, or code 1 at F18, or code 1 at F19 Ask F26 <hr/> Go to F27  <hr/> Go to F27
F26	njbspv	Number of people responsible for in job	F5	66666 Not applicable 77777 Refusal 88888 Don't know 99999 No answer	If code 1 at F25
F27	wkdcorga	Allowed to decide how daily work is organised	F2	0 I have/had no influence	If code 1 at F17a pdwrk, or code 1 at F18, or code 1 at F19 F27-F28: Same format, values and categories
F28	iorgact	Allowed to influence policy decisions about activities of organisation		1 1 2 2 3 3 4 4 5 5 6 6 7 7 8 8 9 9 10 I have/had complete control 66 Not applicable 77 Refusal 88 Don't know 99 No answer	
					If code 1 at F17a pdwrk, or code 1 at F18, or code 1 at F19

F29	wkhct	Total contracted hours per week in main job overtime excluded	F3	555 Do not have set 'basic' or contracted number of hours 666 Not applicable 777 Refusal 888 Don't know 999 No answer	If code 1 at F17a pdwrk, or code 1 at F18, or code 1 at F19
F30	wkhtot	Total hours normally worked per week in main job overtime included	F3	666 Not applicable 777 Refusal 888 Don't know 999 No answer	
F31	nacer2	Industry, NACE rev.2	F3	666 Not applicable 777 Refusal 888 Don't know 999 No answer	If code 1 at F17a pdwrk, or code 1 at F18, or code 1 at F19 NACE Rev.2, see section D1.4
F32	tporgwk	What type of organisation work/worked for	F2	1 Central or local government 2 Other public sector (such as education and health) 3 A state-owned enterprise 4 A private firm 5 Self-employed 6 Other 66 Not applicable 77 Refusal 88 Don't know 99 No answer	If code 1 at F17a pdwrk, or code 1 at F18, or code 1 at F19
F33-34a	isco08	Occupation, ISCO08	F5	66666 Not applicable 77777 Refusal 88888 Don't know 99999 No answer	If code 1 at F17a pdwrk, or code 1 at F18, or code 1 at F19 ISCO08, see section D1.3
F35	wrkac6m	Paid work in another country, period more than 6 months last 10 years	F1	1 Yes 2 No 6 Not applicable 7 Refusal 8 Don't know 9 No answer	If code 1 at F17a pdwrk, or code 1 at F18, or code 1 at F19

F35a <sup>17</sup>	jbexpvi	In any job, ever exposed to: vibrations from hand tools or machinery	F1.0	0 1	Not marked Marked	Ask F35a if F17a PDWRK=1 or F18=1 or F19=1 F35a: jbexpvi-jbexpna: Same format, values and categories
	jbexppti	In any job, ever exposed to: tiring or painful positions				
	jbexpml	In any job, ever exposed to: manually lifting or moving people				See Section C2
	jbexpmc	In any job, ever exposed to: manually carrying or moving heavy loads				
	jbexpnt	In any job, ever exposed to: none of these				
	jbexpnap	In any job, ever exposed to: not applicable				
	jbexpref	In any job, ever exposed to: refusal				
	jbexpdk	In any job, ever exposed to: don't know				
	jbexpna	In any job, ever exposed to: no answer				
F35b <sup>18</sup>	jbexevi	And in any job, ever exposed to: very loud noise	F1.0	0 1	Not marked Marked	Ask F35b if F17a pdwrk=1 or F18=1 or F19=1 F35b: jbexevi - jbexena: Same format, values and categories
	jbexevh	And in any job, ever exposed to: very hot temperatures				
	jbexevc	And in any job, ever exposed to: very cold temperatures				See Section C2
	jbexera	And in any job, ever exposed to: radiation such as x-rays				
	jbexecp	And in any job, ever exposed to: contact with chemical products, vapours, substances				
	jbexeba	And in any job, ever exposed to: breathing in other types of smoke, fumes, powder, dust				
	jbexent	And in any job, ever exposed to: none of these				
	jbexenap	And in any job, ever exposed to: not applicable				
	jbexeref	And in any job, ever exposed to: refusal				
	jbexedk	And in any job, ever exposed to: don't know				
	jbexena	And in any job, ever exposed to: no answer				
F36	uemp3m	Ever unemployed and seeking work for a period more than three months	F1	1 Yes 2 No 7 Refusal 8 Don't know 9 No answer		Ask all Ask F37 <hr/> Go to F39
F37	uemp12m	Any period of unemployment and work seeking lasted 12 months or more	F1	1 Yes 2 No		If code 1 at F36 F37-F38: Same format, values and categories
F38	uemp5yr	Any period of unemployment and work seeking within last 5 years		6 Not applicable 7 Refusal		

<sup>17</sup> Part of Round 11 rotating module on Health

<sup>18</sup> Part of Round 11 rotating module on Health

				8 Don't know	
				9 No answer	
F39	mbtru	Member of trade union or similar organisation	F1	1 Yes, currently 2 Yes, previously 3 No 7 Refusal 8 Don't know 9 No answer	Ask all
F40	hincsrca	Main source of household income	F2	1 Wages or salaries 2 Income from self-employment (excluding farming) 3 Income from farming 4 Pensions 5 Unemployment/redundancy benefit 6 Any other social benefits or grants 7 Income from investments, savings etc. 8 Income from other sources 77 Refusal 88 Don't know 99 No answer	Ask all
F41	hinctnta	Household's total net income, all sources	F2	1 J - 1st decile 2 R - 2nd decile 3 C - 3rd decile 4 M - 4th decile 5 F - 5th decile 6 S - 6th decile 7 K - 7th decile 8 P - 8th decile 9 D - 9th decile 10 H - 10th decile 77 Refusal 88 Don't know 99 No answer	Ask all Coding instructions, see section E1.5
F42	hincfel	Feeling about household's income nowadays	F1	1 Living comfortably on present income 2 Coping on present income 3 Difficult on present income 4 Very difficult on present income 7 Refusal 8 Don't know 9 No answer	Ask all
F44	edulvlpb	Partner's highest level of education	F4	0 Not completed ISCED level 1 113 ISCED 1, completed primary education	If code 1 at F4 ESS education coding frame, see section D2.2

- 129 Vocational ISCED 2C < 2 years, no access ISCED 3
- 212 General/pre-vocational ISCED 2A/2B, access ISCED 3 vocational
- 213 General ISCED 2A, access ISCED 3A general/all 3
- 221 Vocational ISCED 2C >= 2 years, no access ISCED 3
- 222 Vocational ISCED 2A/2B, access ISCED 3 vocational
- 223 Vocational ISCED 2, access ISCED 3 general/all
- 229 Vocational ISCED 3C < 2 years, no access ISCED 5
- 311 General ISCED 3 >=2 years, no access ISCED 5
- 312 General ISCED 3A/3B, access ISCED 5B/lower tier 5A
- 313 General ISCED 3A, access upper tier ISCED 5A/all 5
- 321 Vocational ISCED 3C >= 2 years, no access ISCED 5
- 322 Vocational ISCED 3A, access ISCED 5B/ lower tier 5A
- 323 Vocational ISCED 3A, access upper tier ISCED 5A/all 5
- 412 General ISCED 4A/4B, access ISCED 5B/lower tier 5A
- 413 General ISCED 4A, access upper tier ISCED 5A/all 5
- 421 ISCED 4 programmes without access ISCED 5
- 422 Vocational ISCED 4A/4B, access ISCED 5B/lower tier 5A
- 423 Vocational ISCED 4A, access upper tier ISCED 5A/all 5
- 510 ISCED 5A short, intermediate/academic/general tertiary below bachelor
- 520 ISCED 5B short, advanced vocational qualifications
- 610 ISCED 5A medium, bachelor/equivalent from lower tier tertiary
- 620 ISCED 5A medium, bachelor/equivalent from upper/single tier tertiary
- 710 ISCED 5A long, master/equivalent from lower tier tertiary
- 720 ISCED 5A long, master/equivalent from upper/single tier tertiary
- 800 ISCED 6, doctoral degree
- 5555 Other
- 6666 Not applicable
- 7777 Refusal
- 8888 Don't know
- 9999 No answer

edlvpdxx Partner's highest level of education, [country] F4

- 5555 Other
- 6666 Not applicable
- 7777 Refusal
- 8888 Don't know
- 9999 No answer

Country-specific, see section E1.3

F45a pdwrkp Partner doing last 7 days: paid work F1

edctnp Partner doing last 7 days: education

- 0 Not marked
- 1 Marked

If code 1 at F4  
F45a: pdwrkp - dngnap: Same format, values and categories

	uemplap	Partner doing last 7 days: unemployed, actively looking for job				See Section C2
	uemplip	Partner doing last 7 days: unemployed, not actively looking for job				
	dsbldp	Partner doing last 7 days: permanently sick or disabled				
	rtrdp	Partner doing last 7 days: retired				
	cmsrvp	Partner doing last 7 days: community or military service				
	hswrkp	Partner doing last 7 days: housework, looking after children, others				
	dngothp	Partner doing last 7 days: other				
	dngdkp	Partner doing last 7 days: don't know				
	dngnapp	Partner doing last 7 days: not applicable				
	dngrefp	Partner doing last 7 days: refusal				
	dngnap	Partner doing last 7 days: no answer				
F45c	mnactp	Partner's main activity last 7 days	F2	1 Paid work 2 Education 3 Unemployed, looking for job 4 Unemployed, not looking for job 5 Permanently sick or disabled 6 Retired 7 Community or military service 8 Housework, looking after children, others 9 Other 66 Not applicable 77 Refusal 88 Don't know 99 No answer		If more than one coded at F45a
F46	crpdwkp	Partner, control paid work last 7 days	F1	1 Yes 2 No 6 Not applicable 7 Refusal 8 Don't know 9 No answer		If NOT code 1 at F45a Ask F47 <hr/> Go to F52  <hr/> Go to F52
F47-49	isco08p	Occupation partner, ISCO08	F5	66666 Not applicable 77777 Refusal 88888 Don't know 99999 No answer		If code 1 at F45a or code 1 at F46 ISCO08, see section D1.3
F50	emprelp	Partner's employment relation	F1	1 Employee 2 Self-employed 3 Working for own family business		If code 1 at F45a or code 1 at F46

				6 Not applicable	
				7 Refusal	
				8 Don't know	
				9 No answer	
F51	wkhtotp	Hours normally worked a week in main job overtime included, partner	F3	666 Not applicable	If code 1 at F45a or code 1 at F46
				777 Refusal	
				888 Don't know	
				999 No answer	
F52	edulvfb	Father's highest level of education	F4	0 Not completed ISCED level 1	Ask all
				113 ISCED 1, completed primary education	ESS education coding frame, see section D2.2
				129 Vocational ISCED 2C < 2 years, no access ISCED 3	
				212 General/pre-vocational ISCED 2A/2B, access ISCED 3 vocational	
				213 General ISCED 2A, access ISCED 3A general/all 3	
				221 Vocational ISCED 2C >= 2 years, no access ISCED 3	
				222 Vocational ISCED 2A/2B, access ISCED 3 vocational	
				223 Vocational ISCED 2, access ISCED 3 general/all	
				229 Vocational ISCED 3C < 2 years, no access ISCED 5	
				311 General ISCED 3 >=2 years, no access ISCED 5	
				312 General ISCED 3A/3B, access ISCED 5B/lower tier 5A	
				313 General ISCED 3A, access upper tier ISCED 5A/all 5	
				321 Vocational ISCED 3C >= 2 years, no access ISCED 5	
				322 Vocational ISCED 3A, access ISCED 5B/ lower tier 5A	
				323 Vocational ISCED 3A, access upper tier ISCED 5A/all 5	
				412 General ISCED 4A/4B, access ISCED 5B/lower tier 5A	
				413 General ISCED 4A, access upper tier ISCED 5A/all 5	
				421 ISCED 4 programmes without access ISCED 5	
				422 Vocational ISCED 4A/4B, access ISCED 5B/lower tier 5A	
				423 Vocational ISCED 4A, access upper tier ISCED 5A/all 5	
				510 ISCED 5A short, intermediate/academic/general tertiary below bachelor	
				520 ISCED 5B short, advanced vocational qualifications	
				610 ISCED 5A medium, bachelor/equivalent from lower tier tertiary	
				620 ISCED 5A medium, bachelor/equivalent from upper/single tier tertiary	
				710 ISCED 5A long, master/equivalent from lower tier tertiary	
				720 ISCED 5A long, master/equivalent from upper/single tier tertiary	
				800 ISCED 6, doctoral degree	
				5555 Other	
				7777 Refusal	

				8888 Don't know	
				9999 No answer	
	edlvfdxx	Father's highest level of education, [country]	F4	5555 Other 7777 Refusal 8888 Don't know 9999 No answer	Country-specific, see section E1.3
F53	emprf14	Father's employment status when respondent 14	F1	1 Employee 2 Self-employed 3 Not working 4 Father dead/absent 7 Refusal 8 Don't know 9 No answer	Ask all Ask F54 Go to F55 Ask F54
F54	occf14b	Father's occupation when respondent 14	F2	1 Professional and technical occupations 2 Higher administrator occupations 3 Clerical occupations 4 Sales occupations 5 Service occupations 6 Skilled worker 7 Semi-skilled worker 8 Unskilled worker 9 Farm worker 66 Not applicable 77 Refusal 88 Don't know 99 No answer	If code 1, 2 or 8 at F53
F55	edulvlmb	Mother's highest level of education	F4	0 Not completed ISCED level 1 113 ISCED 1, completed primary education 129 Vocational ISCED 2C < 2 years, no access ISCED 3 212 General/pre-vocational ISCED 2A/2B, access ISCED 3 vocational 213 General ISCED 2A, access ISCED 3A general/all 3 221 Vocational ISCED 2C >= 2 years, no access ISCED 3 222 Vocational ISCED 2A/2B, access ISCED 3 vocational 223 Vocational ISCED 2, access ISCED 3 general/all 229 Vocational ISCED 3C < 2 years, no access ISCED 5 311 General ISCED 3 >=2 years, no access ISCED 5 312 General ISCED 3A/3B, access ISCED 5B/lower tier 5A 313 General ISCED 3A, access upper tier ISCED 5A/all 5 321 Vocational ISCED 3C >= 2 years, no access ISCED 5	Ask all ESS education coding frame, see section D2.2



- 322 Vocational ISCED 3A, access  
ISCED 5B/ lower tier 5A
- 323 Vocational ISCED 3A, access  
upper tier ISCED 5A/all 5
- 412 General ISCED 4A/4B, access  
ISCED 5B/lower tier 5A
- 413 General ISCED 4A, access upper  
tier ISCED 5A/all 5
- 421 ISCED 4 programmes without  
access ISCED 5
- 422 Vocational ISCED 4A/4B, access  
ISCED 5B/lower tier 5A
- 423 Vocational ISCED 4A, access  
upper tier ISCED 5A/all 5
- 510 ISCED 5A short,  
intermediate/academic/general  
tertiary below bachelor
- 520 ISCED 5B short, advanced  
vocational qualifications
- 610 ISCED 5A medium,  
bachelor/equivalent from lower  
tier tertiary
- 620 ISCED 5A medium,  
bachelor/equivalent from  
upper/single tier tertiary
- 710 ISCED 5A long, master/equivalent  
from lower tier tertiary
- 720 ISCED 5A long, master/equivalent  
from upper/single tier tertiary
- 800 ISCED 6, doctoral degree
- 5555 Other
- 7777 Refusal
- 8888 Don't know
- 9999 No answer

	edlvmdxx	Mother's highest level of education, [country]	F4	5555 Other 7777 Refusal 8888 Don't know 9999 No answer	Country-specific, see section E1.3
F56	emprm14	Mother's employment status when respondent 14	F1	1 Employee 2 Self-employed 3 Not working 4 Mother dead/absent 7 Refusal 8 Don't know 9 No answer	Ask all Ask F57 <hr/> Go to F58 <hr/> Ask F57
F57	occm14b	Mother's occupation when respondent 14	F2	1 Professional and technical occupations 2 Higher administrator occupations 3 Clerical occupations 4 Sales occupations 5 Service occupations 6 Skilled worker 7 Semi-skilled worker 8 Unskilled worker 9 Farm worker 66 Not applicable	If codes 1, 2 or 8 at F56

				77 Refusal	
				88 Don't know	
				99 No answer	
					Ask all
F58	atncrse	Improve knowledge/skills: course/lecture/conference, last 12 months	F1	1 Yes	
				2 No	
				7 Refusal	
				8 Don't know	
				9 No answer	
					Ask all
F59	anctry1	First ancestry, European Standard Classification of Cultural and Ethnic Groups	F6	444444 Not classifiable	European Standard Classification of Cultural and Ethnic Groups, see section D2.3
				777777 Refusal	
				888888 Don't know	
				999999 No answer	
	anctry2	Second ancestry, European Standard Classification of Cultural and Ethnic Groups	F6	444444 Not classifiable	
				555555 No second ancestry	
				777777 Refusal	
				888888 Don't know	
				999999 No answer	
	anc1xx	First ancestry, [country]	F6	444444 Not classifiable	Country-specific, see section E1.7
				777777 Refusal	
				888888 Don't know	
				999999 No answer	
	anc2xx	Second ancestry, [country]	F6	444444 Not classifiable	Country-specific, see section E1.7
				555555 No second ancestry	
				777777 Refusal	
				888888 Don't know	
				999999 No answer	

Ask H1a-H1u if  
E1=1 (male) /ask  
H2a-H2u if E1=2  
(female)  
Ha-Hu: Same  
format, values and  
categories

H1a/H2a	ipcrtiva	Important to think new ideas and being creative	F2	1 Very much like me
				2 Like me
H1b/H2b	impricha	Important to be rich, have money and expensive things		3 Somewhat like me
				4 A little like me
H1c/H2c	ipeqopta	Important that people are treated equally and have equal opportunities		5 Not like me
				6 Not like me at all
H1d/H2d	ipshabta	Important to show abilities and be admired		66 Not applicable
				77 Refusal
H1e/H2e	impsafea	Important to live in secure and safe surroundings		88 Don't know
				99 No answer
H1f/H2f	impdiffa	Important to try new and different things in life		
H1g/H2g	ipfrulea	Important to do what is told and follow rules		
H1h/H2h	ipudrsta	Important to understand different people		
H1i/H2i	ipmodsta	Important to be humble and modest, not draw attention		
H1j/H2j	ipgdtime	Important to have a good time		
H1k/H2k	impfreea	Important to make own decisions and be free		
H1l/H2l	iphlppla	Important to help people and care for others well-being		
H1m/H2m	ipsucesa	Important to be successful and that people recognise achievements		
H1n/H2n	ipstrgva	Important that government is strong and ensures safety		
H1o/H2o	ipadvnta	Important to seek adventures and have an exciting life		
H1p/H2p	ipbhprpa	Important to behave properly		
H1q/H2q	iprspota	Important to get respect from others		
H1r/H2r	iplylfra	Important to be loyal to friends and devote to people close		
H1s/H2s	impenva	Important to care for nature and environment		
H1t/H2t	imptrada	Important to follow traditions and customs		
H1u/H2u	impfuna	Important to seek fun and things that give pleasure		

11	testji1	Imagine large numbers of people limit energy use, how likely reduce climate change	F1	1 Very likely	If code 1 at C33 11-13: Same format, values and categories
12	testji2	How likely, large numbers of people limit energy use		2 Likely	
13	testji3	How likely, governments in enough countries take action to reduce climate change		3 Somewhat likely 4 Not likely 5 Not at all likely 6 Not applicable 7 Refusal 8 Don't know 9 No answer	
14	testji4	Imagine large numbers of people limit energy use, how likely reduce climate change	F2	0 Not at all likely	If code 2 at C33 14-16: Same format, values and categories
15	testji5	How likely, large numbers of people limit energy use		1 1 2 2 3 3	
16	testji6	How likely, governments in enough countries take action to reduce climate change		4 Very likely 66 Not applicable 77 Refusal 88 Don't know 99 No answer	
17	testji7	Imagine large numbers of people limit energy use, how likely reduce climate change	F2	0 Not at all likely	If code 3 at C33 17-19: Same format, values and categories
18	testji8	How likely, large numbers of people limit energy use		1 1 2 2 3 3	
19	testji9	How likely, governments in enough countries take action to reduce climate change		4 4 5 5 6 6 7 7 8 8 9 9 10 Extremely likely 66 Not applicable 77 Refusal 88 Don't know 99 No answer	

K1 <sup>1</sup>	respc19a	Respondent had coronavirus	F1	<ul style="list-style-type: none"> <li>1 Yes, I tested positive for coronavirus</li> <li>2 Yes, I think I had coronavirus but was not tested/did not test positive</li> <li>3 No, I have not had coronavirus</li> <li>7 Refusal</li> <li>8 Don't know</li> <li>9 No answer</li> </ul>	<p>Ask all</p> <hr/> <p>Ask K2</p> <hr/> <p>Go to K4</p>
K2 <sup>2</sup>	symtc19	Respondent had symptoms lasting 3 months or longer	F1	<ul style="list-style-type: none"> <li>1 Yes</li> <li>2 No</li> <li>6 Not applicable</li> <li>7 Refusal</li> <li>8 Don't know</li> <li>9 No answer</li> </ul>	<p>If code 1-2 at K1</p> <hr/> <p>Ask K3</p> <hr/> <p>Go to K4</p> <hr/> <p>Go to K4</p>
K3 <sup>3</sup>	symtnc19	Respondent still has symptoms	F1	<ul style="list-style-type: none"> <li>1 Yes</li> <li>2 No</li> <li>6 Not applicable</li> <li>7 Refusal</li> <li>8 Don't know</li> <li>9 No answer</li> </ul>	<p>If code 1 at K2</p>
K4 <sup>4</sup>	Vacc19	Respondent received at least one dose of a vaccine against coronavirus approved by the national regulatory authority in [country]	F1	<ul style="list-style-type: none"> <li>1 Yes</li> <li>2 No</li> <li>7 Refusal</li> <li>8 Don't know</li> <li>9 No answer</li> </ul>	<p>Ask all</p>

<sup>1</sup> Variable adapted from K17 in ESS10

<sup>2</sup> New variable in ESS11

<sup>3</sup> New variable in ESS11

<sup>4</sup> Variable adapted from K20a in ESS10

R1<sup>1</sup>

recon

Agreed to be recontacted

F1

- 1 Yes
- 2 No
- 7 Refusal
- 8 Don't know
- 9 No answer

Ask all

<sup>1</sup> New optional question in ESS11

regionxx	Region, [country]	A5	"99999" Not available	See section E1.4
inwds	Start of interview	YMDHMS19		Fill in for all See section E3.2
ainws	Start of section A	YMDHMS19		Date/time: yyyy- mm-dd hh:mm:ss
ainwe	End of section A	YMDHMS19		
binwe	End of section B	YMDHMS19		
cinwe	End of section C	YMDHMS19		
dinwe	End of section D	YMDHMS19		
einwe <sup>16</sup>	End of section E	YMDHMS19		
finwe	End of section F	YMDHMS19		
hinwe	End of section H	YMDHMS19		
iinwe	End of section I	YMDHMS19		
kinwe	End of section K	YMDHMS19		
rinwe	End of section R	YMDHMS19		
jinws	Start of section J	YMDHMS19		
jinwe	End of section J	YMDHMS19		

<sup>16</sup> New timestamp variable added in ESS11.

	idno	Respondent's identification number	F9			See section E2
	cntry	Country	A2			See sections E1.1 and E2
	intagea	Age of interviewer	F3	999	Not available	See section E3.1  Code all
	intgndr	Gender of interviewer	F1	1	Male	
				2	Female	
				9	Not available	
V1	vdcond <sup>1</sup>	Interview conducted, how	F1	1	In person inside respondent's home	Code all
				2	In person outside respondent's home	
				3	By video	
				9	Not available	
J1	resclq	Clarification of questions	F1	1	Never	Code all J1-J4: Same format, values and categories
J2	resrelq	Respondent reluctant to answer		2	Almost never	
J3	resbab	Respondent tried to answer questions to the best of ability		3	Now and then	
				4	Often	
J4	resundq	Respondent understood the questions		5	Very often	
				8	Don't know	
				9	No answer	
J5	preintf	Anyone present who interfered with the interview	F1	1	Yes	Code all Code J6 Go to J7
				2	No	
				9	No answer	
J6	prewhp	Husband/wife/partner interfered with interview	F1	0	Not marked	If code 1 at J5 J6 prewhp-prena: Same format, values and categories
				1	Marked	
	presd	Son/daughter (inc. step/adopted) interfered with interview				See Section C2
	preppil	Parent/parent in law interfered with interview				
	preorel	Other relative interfered with interview				
	prenrel	Other non-relative interfered with interview				
	predk	Don't know who interfered with interview				
	prenap	Who interfered with interview not applicable				
	prena	Who interfered with interview no answer				
J7	intlnga	Interview questionnaire language	A3	"999"	No answer	
J8	intnum	Interviewer's identification number	F6	999999	Not available	Code all See table F3: intnum = intnum1 or intnum2 or intnum3

<sup>1</sup> Variable added from V section in ESS10



See also section  
E3.1

Code all  
In language of  
interview

J9      acomint      Additional comments on the interview,  
interviewer      A50

	idno	Respondent's identification number	F9			Fill in for all
	cntry	Country	A2			Fill in for all
	typsampa	Type of the sample	F1	1 Individual person 2 Address		Fill in for all
	age_su <sup>1</sup>	Exact age of the sample unit (individual sample frame)	F3	666 Not applicable 999 Not available		Fill in if typsampa=1
	gndr_su	Gender of the sample unit (individual sample frame)	F1	1 Male 2 Female 6 Not applicable 9 Not available		Fill in if typsampa=1
CFA1	numdw	Number of dwellings at the address	F3	666 Not applicable 999 Not available		Fill in if typsampa=2
CFA2	dwselect	Number of dwellings selected at the address	F3	666 Not applicable 999 Not available		Fill in if typsampa=2 and numdw > 1
CFA3	dwslnum1	Dwelling number of first randomly selected dwelling	F3	666 Not applicable 999 Not available	Fill in if typsampa=2 and numdw > 1 Fill in: dwslnum1 for 1st selected dwelling. dwslnum2 for 2nd selected dwelling. dwslnumN for Nth selected dwelling.	
	dwslnum2	Dwelling number of second randomly selected dwelling				
	dwslnumN	Dwelling number of Nth randomly selected dwelling				
	multdnum	Identification number of dwelling at address	F3	666 Not applicable 999 Not available		Fill in if typsampa=2 and dwselect > 1
CFB1	ndwmem	Number of members 15 years or more in dwelling	F2	66 Not applicable 99 Not available		Fill in if typsampa=2
	prselapp	Person selection approach used	F1	1 Random CAPI selection with enumeration 2 Last birthday 3 Rizzo 6 Not applicable 9 Not available		Fill in if typsampa=2 and ndwmem > 1

Fill in if prselapp=1,3

CFB4	prselnum	Person number of randomly selected person	F2	66 Not applicable 99 Not available	
CFB7	telnum	Telephone number	F1	1 Present 2 No phone 3 Refused 9 Not available	Fill in for all
	prsselca	Contact attempt at which person selection took place	F3	666 Not applicable 999 Not available	Fill in if typsampa=2 and ndwmem > 1
CFB8	prselinf	Person who provided information to conduct the respondent selection procedure	F1	1 Target respondent 2 Someone else 6 Not applicable 9 Not available	Fill in if typsampa=2 and ndwmem > 1
	defectcf	Contact form information for the sample unit	F1	1 Contact form filled in by interviewer 2 Contact form missing	Fill in for all
	interva	Interview information for the sample unit	F1	1 Complete and valid interview related to CF 2 Interview incomplete 3 Interview invalid 4 No interview because of opt out list 5 No interview for other reason 9 Not available	Fill in for all
	sbatch	Sample batch number (on first entry into the field)	F3	999 Not available	Fill in for all
	intnum1	Interviewer-number of the interviewer who started the contact attempts	F6	999999 Not available	intnum1-intnumN: See section E3.1  Only 20 interviewer variables can be deposited Fill in for all
	totcin1	Number of contact attempts the original interviewer (intnum1) did	F3	999 Not available	Fill in for all
	intnum2	Interviewer-number of the interviewer who started the re-issue	F6	666666 Not applicable 999999 Not available	Fill in if more than one interviewer deployed for sample unit
	totcin2	Number of contact attempts the second interviewer (intnum2) did	F3	666 Not applicable 999 Not available	Fill in if more than one interviewer deployed for sample unit
	intnum3	Interviewer-number of the third interviewer	F6	666666 Not applicable	Fill in if more than two interviewers

				999999	Not available	deployed for sample unit
	totcin3	Number of contact attempts the third interviewer (intnum3) did	F3	666 999	Not applicable Not available	Fill in if more than two interviewers deployed for sample unit
	intnumN	Interviewer-number of the Nth interviewer	F6	666666 999999	Not applicable Not available	Fill in if N interviewers deployed for sample unit
	totcinN	Number of visits the Nth interviewer (intnumN) did	F3	666 999	Not applicable Not available	Fill in if N interviewers deployed for sample unit
	dateca1	Date/time of the first contact attempt	YMDHM S16			Fill in for all Date/time: yyyy-mm-dd hh:mm
	dateca2	Date/time of the second contact attempt	YMDHM S16			Fill in according to total number of contact attempts for sample unit. Date/time: yyyy-mm-dd hh:mm  Only 20 date variables can be deposited
	dateca3	Date/time of the third contact attempt				
	dateca4	Date/time of the fourth contact attempt				
	dateca5	Date/time of the fifth contact attempt				
	dateca6	Date/time of the sixth contact attempt				
	dateca7	Date/time of the seventh contact attempt				
	dateca8	Date/time of the eighth contact attempt				
	dateca9	Date/time of the ninth contact attempt				
	datecaN	Date/time of the Nth contact attempt				
CFC1	modecaa1	Mode of the first contact attempt	F2	1 2 3 4 5 6 7 99	Personal face-to-face Telephone Personal but only by intercom Information through survey organisation Mobile messaging Video call Other Not available	Fill in for all
CFC1 <sup>2</sup>	modecaa2	Mode of the second contact attempt	F2	1	Personal face-to-face	Fill in according to total number of contact attempts for sample unit  Only 20 mode variables can be deposited
	modecaa3	Mode of the third contact attempt		2	Telephone	
	modecaa4	Mode of the fourth contact attempt		3	Personal but only by intercom	
	modecaa5	Mode of the fifth contact attempt		4	Information through survey organisation	
	modecaa6	Mode of the sixth contact attempt		5	Mobile messaging	
	modecaa7	Mode of the seventh contact attempt		6	Video call	
	modecaa8	Mode of the eighth contact attempt		7	Other	
	modecaa9	Mode of the ninth contact attempt		66	Not applicable	
	modecaaN	Mode of the Nth contact attempt		99	Not available	

<sup>2</sup> Adapted variable in ESS11 - new value category added  
ESS11 Data Protocol

	numtel	Number of automatic calls before first face-to-face contact or contact attempts	F3	666 Not applicable 999 Not available	numtel, numtela: See section E4 Record total number of automatic telephone calls occurring before first face-to-face contact/contact attempt.
	numtela	Number of automatic calls after first face-to-face contact or contact attempts	F3	666 Not applicable 999 Not available	Record automatic telephone calls occurring after achieving first face-to-face contact.
CFC2	resulb1	Result of the first contact attempt	F2	1 Completed interview 2 Partial interview 3 Contact with unidentified person 4 Contact with target respondent but no interview 5 Contact with someone other than target respondent 6 No contact at all 7 Invalid address 8 Other information about sample unit 99 Not available	Fill in for all Go to CFN1 Fill in outnic1 Go to CFN1 Go to outinval Fill in outnic1
CFC2	resulb2 resulb3 resulb4 resulb5 resulb6 resulb7 resulb8 resulb9 resulbN	Result of the second contact attempt Result of the third contact attempt Result of the fourth contact attempt Result of the fifth contact attempt Result of the sixth contact attempt Result of the seventh contact attempt Result of the eighth contact attempt Result of the ninth contact attempt Result of the Nth contact attempt	F2	1 Completed interview 2 Partial interview 3 Contact with unidentified person 4 Contact with target respondent but no interview 5 Contact with someone other than target respondent 6 No contact at all 7 Invalid address 8 Other information about sample unit 66 Not applicable 99 Not available	Fill in according to total number of contact attempts for sample unit Only 20 result variables can be deposited Go to CFN1 Fill in outnicN Go to CFN1 Go to outinval Fill in outnicN
					Fill in: outnic1 if resulb1=3,4,5,8. outnic2 if resulb2=3,4,5,8. outnicN if resulbN=3,4,5,8.  Only 20 outcome variables can be deposited

CFC3	outnic1	Outcome when there was no interview (contact attempt 1)	F2	1	An appointment was made	Go to CFC3a if country deploys video-interview. Else: Go to CFN1
	outnic2	Outcome when there was no interview (contact attempt 2)		2	Refusal of target respondent	Go to: refca1 (if 1st refusal). refca2 (if 2nd refusal). refca3 (if 3rd refusal). refcaN (if N-th refusal)
	outnic3	Outcome when there was no interview (contact attempt 3)		3	Refusal by proxy (family, acquaintance)	
	outnic4	Outcome when there was no interview (contact attempt 4)		4	Someone refused, not sure if target respondent	
	outnic5	Outcome when there was no interview (contact attempt 5)		5	Target respondent not available/away	
	outnic6	Outcome when there was no interview (contact attempt 6)		6	Target respondent mentally/physically not able, ill/sick (short term)	Go to CFN1
	outnic7	Outcome when there was no interview (contact attempt 7)		7	Target respondent mentally/physically not able, ill/sick (long term)	
	outnic8	Outcome when there was no interview (contact attempt 8)		8	Target respondent deceased	
	outnic9	Outcome when there was no interview (contact attempt 9)		9	Target respondent moved abroad	End contact procedure
	outnicN	Outcome when there was no interview (contact attempt N)		10	Target respondent moved, unsure whether abroad	
				11	Target respondent moved, within country	Go to CFC10 (New address)
				12	Language barrier	Go to CFC4 (Language)
				13	Other	Go to CFN1
		66	Not applicable			
		99	Not available			
					Fill in if country deploys video interview: modeap1 if outnic1=1. modeap2 if outnic2=1. modeapN if outnicN=1.	
					Only 20 mode variables can be deposited	
CFC3a	modeap1	Agreed mode for appointment (contact attempt 1)	F1	1	Personal visit	Go to CFN1
	modeap2	Agreed mode for appointment (contact attempt 2)		2	Telephone (call back)	
	modeap3	Agreed mode for appointment (contact attempt 3)		3	Video-interview	Code 3 only if video-interviews are implemented in [country]
	modeap4	Agreed mode for appointment (contact attempt 4)		6	Not applicable	
	modeap5	Agreed mode for appointment (contact attempt 5)		9	Not available	
	modeap6	Agreed mode for appointment (contact attempt 6)				
	modeap7	Agreed mode for appointment (contact attempt 7)				
	modeap8	Agreed mode for appointment (contact attempt 8)				
	modeap9	Agreed mode for appointment (contact attempt 9)				
	modeapN	Agreed mode for appointment (contact attempt N)				

						Fill in if outnic=2,3,4
						Only 20 refusal variables can be deposited
	refca1	Number of contact attempt at which a refusal occurred (1)	F3	666 Not applicable 999 Not available		Fill in: refca1 for 1st refusal. refca2 for 2nd refusal. Refca3 for 3rd refusal. refcaN for Nth refusal.
	refca2	Number of contact attempt at which a refusal occurred (2)				
	refca3	Number of contact attempt at which a refusal occurred (3)				
	refcaN	Number of visit at which a refusal occurred (n)				
						Fill in if outnic=2,3,4 or if ftfrefN=1
						Only 20 reasons for refusal variables can be deposited
CFC5	rersd1	Main reason for refusal, first refusal	F2	1 It is bad timing (otherwise engaged, sick children, visitors,...)		Fill in: rersd1 for 1st refusal. rersd2 for 2nd refusal. rersd3 for 3rd refusal. rersdN for Nth refusal.
	rersd2	Main reason for refusal, second refusal		2 I am not interested		
	rersd3	Main reason for refusal, third refusal		3 I don't know enough about this topic, too difficult for me		
	rersdN	Main reason for refusal, nth refusal		4 This is a waste of time 5 This is a waste of money 6 The survey interferes with my privacy / I give no personal information 7 I never do surveys 8 I have already cooperated in surveys too often 9 I do not trust surveys 10 I have had bad experiences before with surveys 11 I don't like the subject 12 My partner/family/household members do not give approval 13 I do not admit strangers to my house, I am afraid to let them in 14 I need to isolate – not allowed to have people in my home 15 Don't feel comfortable allowing people in my home for health reasons 16 Other 66 Not applicable 99 Not available		

						Fill in if outnicN=2,3,4. Fill in: vdoref1 for 1st refusal. vdoref2 for 2nd refusal. vdoref3 for 3rd refusal. vdorefN for Nth refusal.
						Only 20 video variables can be deposited
CFC5b	vdoref1	Video interview was offered at refca1	F3	1	Yes	Fill in CFC5c
	vdoref2	Video interview was offered at refca2		2	No	Go to CFN1
	vdoref3	Video interview was offered at refca3		6	Not applicable	
	vdorefN	Video interview was offered at refcaN		9	Not available	
						Fill in if outnicN=2,3,4
						Only 20 cooperation variables can be deposited
CFC6	coopa1	Estimation of the cooperation rate at refca1	F2	1	Target respondent will definitely not cooperate in future	Fill in: coopa1 if outnicN=2 ,3,4, and 1st refusal.
	coopa2	Estimation of the cooperation rate at refca2		2	Target respondent will probably not cooperate in future	coopa2 if outnicN=2, 3,4, and 2nd refusal.
	coopa3	Estimation of the cooperation rate at refca3		3	Target respondent may perhaps cooperate in future	coopa3 if outnicN=2, 3,4, and 3rd refusal.
	coopaN	Estimation of the cooperation rate at refcaN		4	Target respondent will cooperate in future	coopaN if outnicN=2, 3,4, and Nth refusal.
				5	No contact with target respondent	
				66	Not applicable	
				88	Don't know	
				99	Not available	



CFC7	agec_1	Interviewer's estimation of age of target respondent at refca1	F2	1 Under 20	Fill in if outnicN=2 Fill in: agec_1 if outnicN=2 and 1st refusal. agec_2 if outnicN=2 and 2nd refusal. agec_3 if outnicN=2 and 3rd refusal. agec_N if outnicN=2 and Nth refusal.
	agec_2	Interviewer's estimation of age of target respondent at refca2		2 20 to 39	
	agec_3	Interviewer's estimation of age of target respondent at refca3		3 40 to 59	
	agec_N	Interviewer's estimation of age of target respondent at refcaN		4 60 or over 66 Not applicable 88 Don't know 99 Not available	
CFC8	genderc1	Interviewer's estimation of gender of target respondent at refca1	F2	1 Male	Fill in if outnicN=2 Fill in: genderc1 if outnicN=2 and 1st refusal. genderc2 if outnicN=2 and 2nd refusal. genderc3 if outnicN=2 and 3rd refusal. gendercN if outnicN=2 and Nth refusal.
	genderc2	Interviewer's estimation of gender of target respondent at refca2		2 Female	
	genderc3	Interviewer's estimation of gender of target respondent at refca3		66 Not applicable 88 Don't know 99 Not available	
	gendercN	Interviewer's estimation of gender of target respondent at refcaN			
CFC9	outinval	Outcome address invalid	F2	1 The house/address is derelict or demolished 2 The home is not yet built or not ready for occupation 3 The address is not occupied (empty, second home, seasonal home, ...) 4 The address is not residential: only purpose is business, industrial 5 The address is not residential: institution (retirement home, hospital, military unit, monastery, ...) 6 The address is not traceable. The information I was given is insufficient 7 Other 66 Not applicable 99 Not available	Fill in if resultbN=7  End contact procedure
CFN1	type	Type of dwelling respondent lives in	F2	1 Single unit: Farm 2 Single unit: Detached house 3 Single unit: Semi-detached house 4 Single unit: Terraced house 5 Only housing unit in building with other purpose 6 Multi-unit house, flat 7 Multi-unit: Student apartments, rooms 8 Multi-unit: Nursing / retirement home 9 House-trailer or boat 10 Other 66 Not applicable 88 Don't know	Fill in if resultbN=1,2,6 or outnicN=1,2,3,4,5,6,7,12,13 and neighborhood characteristics not already registered for sample unit in previous contact attempt

				99	Not available	
CFN2	access	Entry phone or locked gate/door before reaching respondent's individual door	F1	1 Yes, entry phone 2 Yes, locked gate/door 3 Yes, entry phone and locked gate/door 4 No, neither of these 6 Not applicable 9 Not available		Fill in if resulbN=1,2,6 or outnicN=1,2,3,4,5,6, 7,12,13 and neighborhood characteristics not already registered for sample unit in previous contact attempt
CFN3	physa	Assessment overall physical condition building/house	F1	1 Very good 2 Good 3 Satisfactory 4 Bad 5 Very bad 6 Not applicable 9 Not available		Fill in if resulbN=1,2,6 or outnicN=1,2,3,4,5,6, 7,12,13 and neighborhood characteristics not already registered for sample unit in previous contact attempt
CFN4	littera	Amount of litter and rubbish in the immediate vicinity	F1	1 Very large amount 2 Large amount 3 Small amount 4 None or almost none 6 Not applicable 9 Not available		Fill in if resulbN=1,2,6 or outnicN=1,2,3,4,5,6, 7,12,13 and neighborhood characteristics not already registered for sample unit in previous contact attempt
CFN5	vandaa	Amount of vandalism and graffiti in the immediate vicinity				
	reconva	Number of contact attempt when refusal conversion activities started	F3	0 No refusal conversion took place 666 Not applicable 999 Not available		Fill in if outnicN=2,3,4 and refusal conversion activities/strategies deployed in fieldwork in country
	bcselect	Case selected for back-check	F1	0 Not selected 1 Selected 9 No answer		Fill in for all
	bccase	Case back-checked	F1	0 Not back-checked 1 Back-checked 6 Not applicable 9 Not available		Fill in if bcselect=1  Go to: bcmode
	bcmode	Mode used for the back-check	F1	1 In person 2 Telephone 3 Mail 4 Video 6 Not applicable 9 Not available		Fill in if bccase=1

bcdate1	Date of the first back-check attempt	SDATE1 0		Fill in if bccase=1. Date/time: <i>yyyy/mm/dd</i>
bcdate2	Date of the last back-check attempt	SDATE1 0		Fill in if bccase=1 and more than one back-check attempt conducted. Date/time: <i>yyyy/mm/dd</i>
bcperson	Person who conducted the final back-check	F1	1 Interviewer who completed interview 2 Someone else 6 Not applicable 9 No answer	Fill in if bccase=1
bcint	Verification of interview via back-check	F1	0 Not confirmed 1 Confirmed 6 Not applicable 9 No answer	Fill in if bccase=1
bcinelg	Verification of ineligibility via back-check	F1	0 Not confirmed 1 Confirmed 6 Not applicable 9 No answer	Fill in if bccase=1

idno	Respondent's identification number	F9		See section E2
cntry	Country	A2		See sections E1.1 and E2
				For further variable descriptions, see section F4.1
prob1	Selection probability first sampling stage	F14.12		Mandatory
prob2	Selection probability second sampling stage	F14.12	. Not applicable	prob2-prob4: Fill in according to number of sampling stages
prob3	Selection probability third sampling stage			
prob4	Selection probability fourth sampling stage			
psu	PSU identification	Fn.0		Mandatory
ssu	SSU identification	Fn.0	. Not applicable	Fill in if 3 or more stages and more than one 3rd-stage unit selected within each 2nd-stage unit
stratex1	Explicit stratum identification	Fn.0	. Not applicable	Fill in if explicit stratification at 1st stage
stratim1	Implicit stratum identification 1	Fn.0	. Not applicable	Fill in if implicit stratification at 1st stage
stratim2	Implicit stratum identification 2	Fn.0	. Not applicable	Fill in if 2 or more stages and implicit stratification at 2nd stage
strtval1	Value on first stratification variable	Fn.0	. Not applicable	Fill in if implicit stratification at 1st stage
strtval2	Value on second stratification variable	Fn.0	. Not applicable	Fill in if implicit stratification at 1st stage, based upon combination of 2 or more variables
strtval3	Value on third stratification variable	Fn.0	. Not applicable	Fill in if implicit stratification at 1st stage, based upon combination of 3 or more variables
outcome	Field outcome	F1	1 Data in main data file 2 Eligible non-respondent 3 Ineligible	Mandatory
ressam	Reserve sample identification	Fn.0	. Not applicable	Fill in if reserve sample used
fieldini	Fieldwork agency working on the sample unit	F2	. Not applicable	Fill in if more than one fieldwork agency.

domain	Sampling domain in the sign-off form	F2	. Not applicable	Fill in if more than one sampling domain
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## Annex, Sample design data file

### F4.1 File description

The file should contain one record for each selected address, in the case of address-based samples, or for each selected individual, in the case of individual-based (population register) samples – i.e. the complete gross sample. (In the rare event of a design in which it is possible to select more than one person at an address, extra records will be needed for any extra persons thus selected.) Please make sure that you include all ineligible and non-responding units as well as responding ones.

The table below lists the variables that should be included on the file. Please use the variable names exactly as they appear here. Please include all variables, even though several of them are likely to be blank (missing) for all units.

The annex contains examples of how the variables should be interpreted for different types of sample design. It is suggested that you look closely at these examples. National coordinators may seek advice from their nominated member of the sampling and weighting expert panel if necessary.

*Note on missing values:* All variables should be present on the data file. Those variables that are not relevant to the sample design (e.g. 3rd-stage probabilities, in the case of a 2-stage design) should be left blank. For missing values on variables that *do* apply, use code 9 for items that are missing through interviewer or other error. This should apply only to certain items in the case of address-based sampling.

We assume that SPSS, STATA or SAS system files or comma-delimited txt files will be delivered.

NAME of variable	MEANING OF VARIABLE (label) and codes
idno	<i>Mandatory.</i>  <b>Element number</b> ( <i>same as in main data file</i> ). This uniquely identifies the selected element (address or person). It will be the key for matching this file to the respondent data file. Numeric.
prob1	<i>Mandatory.</i>  <b>Selection or inclusion probability at first stage</b> . Numeric, positive, non-zero, 12 decimal places (or as many as necessary to provide at least 4 significant figures for all cases). For multi-stage samples, all records with the same value of PSU should have the same value of prob1.
prob2	<i>Applies if there are at least 2 stages of selection.</i>  <b>Selection or inclusion probability at second stage</b> (conditional upon first stage). Numeric, positive, non-zero, 12 decimal places (or as many as necessary to provide at least 4 significant figures for all cases). All records with the same combination of PSU/SSU should have the same value of prob2.
prob3	<i>Applies if there are at least 3 stages of selection.</i>  <b>Selection probability at third stage</b> (conditional upon first two stages). Numeric, positive, non-zero, 12 decimal places (or as many as necessary to provide at least 4 significant figures for all cases). For some designs, either prob3 or prob4 will correspond to the reciprocal of the number of persons aged 15 or over at the address. In this case the value should be blank for ineligible (outcome=3) and should be 9 for non-responding units (outcome=2) where the number of persons aged 15+ was not established.
prob4	<i>Applies if there are 4 stages of selection.</i>  <b>Selection probability at fourth stage</b> (conditional upon first 3 stages). Numeric, positive, non-zero, 12 decimal places (or as many as necessary to provide at least 4 significant figures for all cases).

psu	<p><i>Mandatory. For 1-stage designs, PSU = idno.</i></p> <p><b>First stage unit</b> (primary sampling unit) to which the sample element belongs. Integer. Value labels are not needed: PSUs can be anonymous.</p>
ssu	<p><i>Applies if there are 3 or more stages and more than one 3rd-stage unit is selected within each 2nd-stage unit.</i></p> <p><b>Second stage unit</b> (secondary sampling unit) to which the sample element belongs. Integer. Need only be unique within PSU.</p>
stratex1	<p><i>Applies if explicit stratification was used at 1st stage (independent selections from each stratum).</i></p> <p><b>Stage 1 explicit stratum</b> to which the sample element belongs. All records with the same value of PSU should have the same value of stratex1. If more than one variable was used for stratification, stratex1 stores the unique cross combinations, i.e. the stratum cell identifiers.</p>
stratim1	<p><i>Applies if implicit stratification was used at 1st stage (systematic selections - possibly PPS - from an ordered list).</i></p> <p><b>Order on list of PSU</b> (order of selection). If PSUs are numbered in the order of selection then stratim1 = PSU.</p>
stratim2	<p><i>Applies if there are 2 or more stages and if implicit stratification was used at 2nd stage (systematic selections from an ordered list).</i></p> <p><b>Order on list of SSU/element</b> within the PSU (order of selection). All records with the same combination of PSU/SSU (if any) should have the same value of stratim2</p>
strtval1	<p><i>Applies if implicit stratification was used at 1st stage.</i></p> <p><b>First implicit stratification variable.</b> Numeric value.</p>
strtval2	<p><i>Applies if implicit stratification was used at 1st stage, based upon a combination of 2 or more variables.</i></p> <p><b>Second implicit stratification variable.</b> Numeric value.</p>
strtval3	<p><i>Applies if implicit stratification was used at 1st stage, based upon a combination of 3 or more variables.</i></p> <p><b>Third implicit stratification variable.</b> Numeric value.</p>
outcome	<p><i>Mandatory</i></p> <p><b>Summary field outcome.</b> Value = 1 for respondent (data in questionnaire data file), 2 for eligible non-respondent (refusal, non- contact, unable to be interviewed due to language, health, etc.), 3 for ineligible (outside of survey population: died, moved abroad, vacant address (if address sample), etc.)</p>
ressam	<p><i>Applies if reserve sample(s) used.</i></p> <p>In the case where reserve samples are used, this variable indicates to which part of the sample an element belongs (1=main sample, 2=first res. sample, 3=second res. sample, etc.) One record should be included for each reserve sample element (address or individual) that was selected and activated. Unused reserve sample elements should not be included in the SDDF.</p>
fieldini	<p><i>Applies only if more than one institute conducts the fieldwork.</i></p> <p>Variable indicating the fieldwork institute working on the sample element (i.e. contact and/or interview). Assign a number to each fieldwork agency.</p>

domain	<p><i>Applies if more than one sampling domain is used, (i.e. if a multi sampling design survey was conducted).</i></p> <p>This variable indicates to which sampling domain an element belongs (1=1st sampling domain in the Sign-Off Form, 2=2nd sampling domain in the Sign-Off Form, etc.).</p>
micro auxiliary variables	<p><i>Optional, but strongly encouraged</i></p> <p>Relevant micro-level auxiliary variables that could be used in non-response analysis and non-response adjustment. For example, gender, age, education level, type of living area, household size, mother tongue, citizenship and other information from registers and administrative sources. Please provide informative variable labels and value labels.</p>
macro auxiliary variables	<p><i>Optional, but strongly encouraged.</i></p> <p>Relevant macro-level auxiliary variables that could be used for calibration or other benchmarking the sample information to population level. For example, 15+ population by stratex1 if explicit stratification is used or other calibration margins by gender or age group. Please provide informative variable labels and value labels.</p>

#### F4.2 Examples

Example 1: *Single-stage un-clustered sample of persons selected from population register, stratified by region and proportional allocation of the gross sample size (n) to strata.*

- prob1 =  $n/N$  for all records ( $n$  is number of persons selected into the gross sample in each stratum including any who turn out to be ineligible for the survey,  $N$  is total number on the register, excluding any who were given a zero probability of selection);
- stratex1 = region indicator;
- prob2, prob3, prob4, psu, samppoint, ssu, stratim1, stratim2, strtval1, strtval2, strtval3 blank for all records.

Example 2: *Clustered sample of addresses within PSUs, with field selection of one person per address. PSUs selected systematically PPS from an ordered list (order of population size within regions). Equal number of addresses selected from each PSU, systematically from a geographically-ordered list.*

Notation:  $m$  PSUs selected out of  $M$  in population

$$N_i \text{ addresses in } i^{\text{th}} \text{ PSU, } \sum_{i=1}^M N_i = N;$$

total of  $n$  addresses selected, i.e.  $n/m$  in each of  $m$  PSUs;

total number of eligible persons at  $k^{\text{th}}$  address is  $\mu_k$ .

- prob1 =  $\frac{m \times N_i}{N}$
- prob2 =  $\frac{n}{m \times N_i}$
- prob3 =  $\frac{1}{\mu_k}$

It may be problematic to obtain prob3 for all non-respondents if not contacted or if any other data source is not available.

- psu = 1, 2, 3, ...  $m$ ;
- stratim1 = 1, 2, 3, ...  $m$  in order PSUs were selected;
- stratim2 = 1, 2, 3, ...  $n/m$  in order addresses were selected within PSU;
- strtval1 = region indicator;
- strtval2 = population size of the PSU;
- prob4, samppoint, ssu, stratex1, stratex2, strtval3 blank for all records.



#### F4.3 Checking plausibility of PROB variables

You can check the plausibility for your calculated prob variables before the first data release. This can help to facilitate an orderly data release, as potential problems with the calculation of the design weights can be addressed at a much earlier stage and it may help to prevent the necessity of resupplying a corrected SDDF.

The product of the prob variables should produce the inclusion probabilities of the elements in the gross sample.

For example, in a 3-stage sampling design the SDDF must have three prob variables, and

$$PROB1_i * PROB2_i * PROB3_i = \pi_i$$

where  $PROB1_i$ ,  $PROB2_i$ , and  $PROB3_i$  are the values of variable prob1, prob2 and prob3 for the  $i$ -th element respectively and  $\pi_i$  is the inclusion probability of the  $i$ -th element, i.e. the probability of person  $i$ -th person to be included into the sample.

A fundamental check for the plausibility of the calculated prob variables can be done by comparing  $N$  and  $\hat{N}$ , where  $N$  is size of the target population and  $\hat{N}$  is given by

$$\hat{N} = \sum_{i=1}^{ngross} \pi_i^{-1}$$

with  $ngross$  as the gross sample size.  $\hat{N}$  represents an estimate of  $N$ , thus both values should be reasonably close to each other. If  $\hat{N}$  differs much from  $N$ , say by over 25%, then this is evidence that at least one of the calculated prob variables might be wrong. In case of missing values in a prob variable, e.g. because the households size was unknown, then, for the purpose of calculating  $\hat{N}$ , the missing values can be substituted by the mean of the available values for the respective prob variable.

A more sophisticated check would be to compare the estimate of some socio-demographic variables, like age, gender, region and education with the corresponding official values.

For example, if  $x_{ai}$  is an indicator variable of the  $i$ -th element in the net sample, which assumes a value of 1 if the element belongs to region  $a$  and 0 otherwise. Then the following estimator

$$\bar{x}_a = \frac{\sum_{i=1}^{nnet} x_{ai} \pi_i^{-1}}{\sum_{i=1}^{nnet} \pi_i^{-1}}$$

should produce an estimate close to the official percentage of people living in region  $a$ . The value  $nnet$  is the net sample size for the region variable, i.e. the number of persons that responded to the variable. The same procedure can be applied for all other regions and also with indicator variables for gender, age, and level of education.

It should be noted that an estimator like  $\bar{x}_a$  can of course be subject to non-response bias, as it presents only a complete case analysis. Hence, only distinct difference between estimated values and official figures should be considered as a sign of incorrect calculated prob variables.

## **G. Programmes for applying Data Protocol variable names, labels and categories**

To assist the data producers, and ensure data to be as consistent and harmonised as possible, Sikt offers SPSS and SAS programmes with the official ESS variable names, labels, categories and formats. The variable labels in the programmes include the question numbers to facilitate cross-references between the questionnaires and the variables. The programmes are available for download from the “Data protocol and variable definitions” page on the ESS11 NC Intranet. Please apply the ESS11 2023 Data Protocol variable names, labels and categories to the data files before you submit them to the archive. The package of programmes includes the following syntax/dictionary files:

### **SPSS**

ESS11ms.sps	Main questionnaire, syntax
ESS11ms.sav	Main questionnaire, dictionary, SPSS Windows 12-14
ESS11i.sps	Interviewer’s questionnaire, syntax
ESS11i.sav	Interviewer’s questionnaire, dictionary, SPSS Windows 12-14
ESS11cf.sps	Contact forms, syntax
ESS11cf.sav	Contact forms, dictionary, SPSS Windows 12-14
ESS11sddf.sps	Sample data file, syntax
ESS11sddf.sav	Sample data file, dictionary, SPSS Windows 12-14
ESS11Standards.sps*	Value labels for international standards in ESS (see section D1).

### **SAS**

ESS11ms.sas	Main questionnaire, syntax
ESS11ms.sas7bdat	Main questionnaire, dictionary, SAS Windows 8-9
ESS11i.sas	Interviewer’s questionnaire, syntax
ESS11i.sas7bdat	Interviewer’s questionnaire, dictionary, SAS Windows 8-9
ESS11cf.sas	Contact forms, syntax
ESS11cf.sas7bdat	Contact forms, SAS Windows 8-9
ESS11sddf.sas	Sample data file, syntax
ESS11sddf.sas7bdat	Sample data file, SAS Windows 8-9
ESS11Standards.sas*	Formats for international standards in ESS (see section D1).

Comment to ESS11 Standards\*: If the survey organisation does not have procedures for automatic checking of wild codes in the variables

CTZSHIPD “CITIZENSHIP”

CNTBRTHD “COUNTRY OF BIRTH”

LNGHOM1 “LANGUAGE MOST OFTEN SPOKEN AT HOME: FIRST MENTIONED”

LNGHOM2 “LANGUAGE MOST OFTEN SPOKEN AT HOME: SECOND MENTIONED”

FBRNCNTC “COUNTRY OF BIRTH, FATHER”

MBRNCNTC “COUNTRY OF BIRTH, MOTHER”

ISCO08 “OCCUPATION, ISCO08”

NACER2 “INDUSTRY, NACE REV.2”

ISCO08P “OCCUPATION PARTNER, ISCO08”

ANCTRY1 “FIRST ANCESTRY, EUROPEAN STANDARD CLASSIFICATION OF CULTURAL AND ETHNIC GROUPS”

ANCTRY2 “SECOND ANCESTRY, EUROPEAN STANDARD CLASSIFICATION OF CULTURAL AND ETHNIC GROUPS”

the value labels/formats in ESS11 Standards\* can be added to File 1 to facilitate proof-reading (spotting empty labels in frequency tables).

## ***H. National technical summary and Appendices***

The metadata documentation is an important part of the high quality ESS data and represents one of the major strengths of the European Social Survey. The National Teams have a central role in the production of such documentation by providing the National Technical Summary (NTS) and its appendices.

The National Technical Summary and its appendices will be available from the ESS11 NC Intranet. The National Teams will be notified in the workspaces when these forms are available. These should be submitted to the ESS Archive at Sikt along with the other deliverables.

### ***National Technical Summary and appendices:***

National Technical Summary

NTS Appendix on Education

NTS Appendix on Income

NTS Appendix on Political Parties

NTS Appendix on Marital and Relationship status