



2023/2529

20.11.2023

COMMISSION IMPLEMENTING REGULATION (EU) 2023/2529

of 17 November 2023

specifying the technical items of the data set, establishing the technical formats for transmission of information and specifying the detailed arrangements and content of the quality reports on the organisation of a sample survey in the health domain pursuant to Regulation (EU) 2019/1700 of the European Parliament and of the Council

(Text with EEA relevance)

THE EUROPEAN COMMISSION,

Having regard to the Treaty on the Functioning of the European Union,

Having regard to Regulation (EU) 2019/1700 of the European Parliament and of the Council of 10 October 2019 establishing a common framework for European statistics relating to persons and households, based on data at individual level collected from samples, amending Regulations (EC) No 808/2004, (EC) No 452/2008 and (EC) No 1338/2008 of the European Parliament and of the Council, and repealing Regulation (EC) No 1177/2003 of the European Parliament and of the Council and Council Regulation (EC) No 577/98 ⁽¹⁾, and in particular Article 7(1), Article 8(3) and Article 13(6) thereof,

Whereas:

- (1) The European Health Interview Survey (EHIS) is a general population survey in the health domain providing statistical information on health status, health determinants and healthcare activities in the Union. It is a major Union reference source for evidence-based, health-related policies including those on social inclusion and protection, healthy lifestyles, healthy ageing and well-being, health inequalities, healthcare access and quality of healthcare services.
- (2) In order to ensure the accurate implementation of the EHIS, the Commission should specify the technical items of the data set, the technical formats for transmission of information from the Member States to the Commission and the detailed arrangements for the content and transmission of the quality reports.
- (3) The aim of Europe's Beating Cancer Plan ⁽²⁾ is to tackle the entire disease pathway. It is structured around four key action areas where the Union can add the most value, namely prevention, early detection, diagnosis and treatment and quality of life of cancer patients and survivors. The farm to fork strategy ⁽³⁾ is at the heart of the Commission's European Green Deal ⁽⁴⁾, promoting sustainable food consumption and facilitating the shift to healthy, sustainable diets.
- (4) Council Recommendation on access to affordable high-quality long-term care ⁽⁵⁾, accompanying the Commission's Communication on the European care strategy ⁽⁶⁾, sets a policy framework to guide the development of sustainable long-term care that ensures better and more affordable access to quality services for all, as well as better working conditions in the sector.

⁽¹⁾ OJ L 261 I, 14.10.2019, p. 1.

⁽²⁾ Communication from the Commission to the European Parliament and the Council, Europe's Beating Cancer Plan (COM(2021) 44 final of 3 February 2021).

⁽³⁾ Communication from the Commission to the European Parliament, the Council, the European Economic and Social Committee and the Committee of the Regions, A Farm to Fork Strategy for a fair, healthy and environmentally-friendly food system (COM(2020) 381 final of 20 May 2020).

⁽⁴⁾ Communication from the Commission to the European Parliament, the Council, the European Economic and Social Committee and the Committee of the Regions, The European Green Deal (COM(2019) 640 final of 11 December 2019).

⁽⁵⁾ Council Recommendation of 8 December 2022 on access to affordable high-quality long-term care (OJ C 476, 15.12.2022, p. 1).

⁽⁶⁾ Communication from the Commission to the European Parliament, the Council, the European Economic and Social Committee and the Committee of the Regions on the European care strategy (COM(2022) 440 final of 7 September 2022).

- (5) The protection of workers' health and safety, enshrined in the Treaties and the Charter of Fundamental Rights, is a key element for a Union economy that works for people.
- (6) The international comparability of national statistics on health requires the use of statistical classifications for the territorial units, education, occupation and economic sector that are compatible with the NUTS ⁽⁷⁾, ISCED ⁽⁸⁾, ISCO ⁽⁹⁾ and NACE ⁽¹⁰⁾ classifications.
- (7) Council Recommendation on promoting health-enhancing physical activity (HEPA) across sectors ⁽¹¹⁾ encourages Member States to adopt cross-sectoral policy approaches and action plans for the promotion of physical activity, and establishes a framework for monitoring the progress of HEPA indicators in relevant thematic areas.
- (8) Commission Recommendation (EU) 2023/397 on reference metadata and quality reports ⁽¹²⁾ invites Member States to ensure that their national statistical authorities apply, when compiling reference metadata and quality reports, the statistical concepts listed in the latest version of the Single Integrated Metadata Structure.
- (9) The measures provided for in this Regulation are in accordance with the opinion of the European Statistical System Committee,

HAS ADOPTED THIS REGULATION:

Article 1

Subject matter

This Regulation specifies the technical items of the data set, establishes the technical formats for the transmission of information from Member States to the Commission (Eurostat) and specifies the detailed arrangements for the content and transmission of the quality reports in the European Health Interview Survey (EHIS).

EHIS shall concern health status, healthcare and health determinants as well as socio-demographic characteristics of the reference population as referred to in Article 4.

Article 2

Definitions

For the purposes of this Regulation, the following definitions apply:

- (1) 'reference period' means the period to which a particular item of information relates;
- (2) 'current' refers to the situation at the time of the interview;
- (3) 'proxy' means, with reference to an interview, a situation where information requested to the selected respondent has been provided by a third person (including another household member or someone outside the household who takes care of the selected respondent) without being validated by the selected respondent. This third person is close and knows the selected respondent very well;
- (4) 'metadata' means data defining and describing other data, the methodology used and statistical business processes.

⁽⁷⁾ Regulation (EC) No 1059/2003 of the European Parliament and of the Council of 26 May 2003 on the establishment of a common classification of territorial units for statistics (NUTS) (OJ L 154, 21.6.2003, p. 1).

⁽⁸⁾ International Standard Classification of Education 2011.

⁽⁹⁾ International Standard Classification of Occupations, version 2008.

⁽¹⁰⁾ Regulation (EC) No 1893/2006 of the European Parliament and of the Council of 20 December 2006 establishing the statistical classification of economic activities NACE Revision 2 and amending Council Regulation (EEC) No 3037/90 as well as certain EC Regulations on specific statistical domains (OJ L 393, 30.12.2006, p. 1).

⁽¹¹⁾ Council Recommendation of 26 November 2013 on promoting health-enhancing physical activity across sectors (OJ C 354, 4.12.2013, p. 1).

⁽¹²⁾ OJ L 53, 21.2.2023, p. 104.

*Article 3***Statistical concepts and description of variables**

1. Member States shall use the statistical concepts laid down in Annex I.
2. The technical characteristics of the variables shall be those laid down in Annex II and shall refer to:
 - (a) the variable identifier;
 - (b) the variable name;
 - (c) the reference period;
 - (d) the modality code and label;
 - (e) filter.

*Article 4***Characteristics of the statistical populations and observation units**

1. The reference population shall be persons aged 15 and over usually residing in private households in the territory of the Member State concerned at the time of the data collection.
2. The national territories listed in Annex III shall be excluded from the sample. Small parts of the national territory amounting to no more than 2 % of the national population may also be excluded from the sample. Information on those national territories shall be provided in the reference metadata.

*Article 5***Reference periods**

The reference periods for variables shall be those specified in Annex II.

*Article 6***Detailed sample characteristics**

1. At least three attempts shall be made to contact a respondent before they are dropped from the survey, except in the following situations:
 - (a) the address was impossible to locate;
 - (b) the address was non-residential or unoccupied;
 - (c) the person was not found at the address;
 - (d) the person was unable to respond, including for reasons of incapacity;
 - (e) a definite refusal of the person to cooperate was received;
 - (f) the circumstances were endangering the interviewer's safety.
2. In duly justified cases, and only to the extent necessary, controlled substitution shall be allowed. Controlled substitutions of sample units (households or persons) shall be allowed, if one of the situations listed in paragraph 1 arises, or if the sample unit has not been reached after three attempts for contact.
3. Procedures shall be followed to ensure that the process of substitution is controlled to the maximum extent possible. Such procedures shall include using a design which ensures that the selected substitutes closely match the persons they replace in terms of their significant characteristics.
4. The set of sample persons for substitution shall be defined prior to data collection. There shall be no substitution with persons not belonging to that set.

*Article 7***Data gathering periods and methods**

1. The collection of data shall be spread over at least 3 months including at least 1 month in the period from September to December.
2. Proxy answers shall be allowed only in cases where the respondent is unable to answer for one of the following reasons:
 - (a) suffering from long-term cognitive impairment;
 - (b) suffering from long-term severe debilitation;
 - (c) suffering from a long-term sensory impairment that prevents the interaction between interviewer and interviewee;
 - (d) in hospital, health or social care facility for the entire period of the fieldwork.
3. For variables listed in Annex IV, Eurostat shall use only information directly collected from the respondent for the computation of the related indicators. Member States shall either transmit to Eurostat only that information directly collected from a respondent or information directly collected from a respondent in combination with information collected indirectly.

*Article 8***Common standards for data editing, imputation, weighting and estimation**

1. Imputation, calibration or weighting shall be applied to the data where necessary.
2. Imputation shall be used to adjust only for item non-response.
3. Methods of statistical imputation shall be applied where non-response exceeds 5 % with regard to the key variables set out in Annex V for which information is missing, invalid or inconsistent.
4. The reference population for weighting shall be the real or estimated population usually residing in private households.
5. Weighting factors shall be calculated to take into account the unit's probability of selection, non-response, and, as appropriate, adjustment of the sample to external data relating to the distribution of persons in the target population.
6. The adjustment of the sample to external data shall be done with respect to the distribution of persons in the target population according to sex and age groups.

*Article 9***Formats for transmitting information**

Member States shall transmit to the Commission (Eurostat) a data set with pre-checked microdata that comply with the characteristics of the variables specified in Annex II to this Regulation, including appropriate weights, using the statistical data and metadata exchange standards set by the Commission (Eurostat) and the single entry point.

*Article 10***Quality reporting**

1. Quality reports by Member States shall comply with the detailed arrangements and content requirements set out in Annex VI.

2. Member States shall transmit the quality-related reference metadata required by this Regulation to the Commission (Eurostat), using the statistical data and metadata exchange standards. They shall send the metadata through the single entry point.

Article 11

This Regulation shall enter into force on the twentieth day following that of its publication in the *Official Journal of the European Union*.

This Regulation shall be binding in its entirety and directly applicable in all Member States.

Done at Brussels, 17 November 2023.

For the Commission
The President
Ursula VON DER LEYEN

ANNEX I

DEFINITIONS OF STATISTICAL CONCEPTS**(1) Long-standing health problem**

Health problems may be physical, emotional, behavioural or mental in nature. The term covers diseases and disorders but also, for example, pain, ill-health caused by accidents and injuries and congenital conditions.

The main characteristic of a long-standing health problem is that it is permanent and may be expected to require a long period of supervision, observation or care. Long-standing health problems should have lasted (or recurred) or be expected to last (recur) for 6 months or more; temporary problems are not included. Problems that are seasonal or intermittent, even where they 'flare up' for 4 to 6 months at a time, are considered as long-standing health problems.

(2) Limitation in activities

An 'activity' is defined as 'the performance of a task or action by an individual' and activity limitations are defined as 'difficulties the individual experiences in performing an activity'.

(3) Home or leisure accident

'Home or leisure accident' is an unintentional event characterised by a rapid force or an impact that leads to physical harm, occurring at home, around the house (garage, garden, alley) or during leisure time spent on activities done for pleasure or personal interest.

Home or leisure accidents also include:

- cases of acute poisoning;
- injuries inflicted by animals or insects.

Home or leisure accidents do not include:

- for employed persons, accidents occurred while working from home (teleworking), that is while performing an activity where a work-related purpose can be established and which is related to the conditions of employment;
- accidents at work or in school;
- traffic accidents;
- diseases or illnesses;
- intentional injuries (due to interpersonal violence – wilful acts by other persons – and deliberate self-harm);
- trivial injuries such as superficial cuts or scratches.

(4) Bodily pain

Bodily (physical) pain is an unpleasant sensory and emotional experience associated with actual or potential tissue damage or described in terms of such damage; it is always unpleasant and therefore also an emotional experience.

(5) Healthcare

Healthcare is defined as individual healthcare goods and services that are provided directly to and consumed by individual persons. The term covers curative care, rehabilitative care, long-term healthcare, ancillary services and medical goods supplied to outpatients. It also covers various modes of healthcare (inpatient, outpatient, day, at home).

(6) Mental healthcare

Mental healthcare refers to healthcare services provided to treat mental and behavioural disorders. Care can be provided by medical staff (psychiatrists) or non-medical staff (psychologists).

(7) Inpatient

Inpatients are patients who are formally admitted to a healthcare facility (that is to say hospitalised) for treatment and/or care and require at least an overnight stay in a hospital or other institution providing inpatient care.

Being formally admitted means that the patient is assigned a room or a bed during their stay in the healthcare facility.

(8) Day patient

Day patients are patients who receive planned medical and paramedical services delivered in a healthcare facility and who are formally admitted for diagnosis, treatment or other types of healthcare and are discharged on the same day. The term does not cover those using outpatient services (who are not formally admitted to a healthcare facility), emergency services or services provided by diagnostic centres or similar facilities that are not part of private or public hospitals or clinics.

Being formally admitted means that the patient is assigned a room or a bed during their stay in the healthcare facility.

(9) Health professional

A health professional is a person who is currently providing healthcare and who is qualified to do so by education, training, certification, or licensure. A health professional is associated with either a specialist field or a discipline, and belongs to one of the following groups:

- (a) medical and dental staff (both generalist and specialist practitioners);
- (b) nurses and midwives;
- (c) professionals allied to medicine, e.g. clinical psychologists, dietitians, physiotherapists;
- (d) accident and emergency ambulance staff or paramedics;
- (e) other professionals who have direct patient contact, such as pharmacists, medical photographers, medical records staff.

(10) Dentist

A dentist is a health professional who diagnoses and treats diseases, injuries and malformations of the teeth, gums and related oral structures. They restore normal oral function using a broad range of treatments, such as surgery and other specialist techniques, and advice on oral health. Dentists' tasks include: diagnosing, advising on and providing necessary dental treatment, administering surgical, medical and other forms of treatment for particular types of dental and oral diseases and disorders.

(11) Orthodontist

An orthodontist is a dental specialist who diagnoses, prevents and corrects irregularities of the teeth and jaw (for example, correcting misaligned teeth through the use of braces).

(12) General practitioner/family doctor

A general practitioner/family doctor is a physician (medical doctor) who does not limit their practice to specific disease categories (is not specialised), who provides individuals, families and communities with a wide range of ongoing medical care or and who can refer patients to other health professionals.

(13) Medical or surgical specialist

Medical or surgical specialists refer to medical doctors specialized in the diagnosis or use of surgical techniques, or both, to treat disorders and diseases. Their tasks include conducting medical examinations and diagnosing; prescribing medication and giving treatment for diagnosed illnesses, disorders or injuries; giving specialised medical or surgical treatment for particular types of illnesses, disorders or injuries; and giving advice on and applying preventive medicine methods and treatments. Also included are general gynaecologists, psychiatrists or other medical specialists fulfilling this definition. Dental surgeons are also included, but not general dentists.

(14) Physiotherapist/kinesitherapist

A physiotherapist/kinesitherapist is a medical or non-medical healthcare provider who applies one or more of the following therapies to improve or restore a patient's motor functions: movement therapy, massage therapy, physical therapy in the strict sense (application of physical stimuli, electrotherapy, ultrasound therapy, thermotherapy, hydrotherapy, balneotherapy and electro-diagnostics, but not using ionising radiation). They treat disorders of bones, muscles and parts of the circulatory or nervous system by manipulative methods, and ultrasound, heating, laser or similar techniques, or apply therapies as part of the treatment for people who are (temporarily) physically disabled, mentally ill or unbalanced.

The therapies are provided by those health professionals in a variety of settings, such as hospitals, private practices, outpatient medical units, home care services establishment, schools, fitness centres, etc.

(15) Psychologist, psychotherapist or psychiatrist

Psychologists, psychotherapists and psychiatrists are health professionals providing mental healthcare, who may be medical professionals (psychiatrists) or not. Their role covers psychological assessment and psychotherapy but also medical psychiatric care (psychiatrists).

(16) Home care services

Home care services involve the provision of medical and non-medical domestic support services for persons who, due to mental or physical frailty, disease or disability, cannot perform specific personal or household care activities or are confined to their own houses. It includes at-home services provided by a visiting nurse or care worker from a health institute, agency or association, or by a community organisation using professional or non-professional (volunteer) staff for care provision.

(17) Prescribed medicines

A medicine is a product used to alleviate symptoms, prevent illness, or improve poor health. Prescribed medicines are medicines that are written on a prescription by a doctor (irrespective of whether they are reimbursed by health insurance or not). They include: medicines, herbal medicines, homeopathic medicines and dietary supplements (such as vitamins, minerals or tonics), contraceptive pills used for purposes other than contraception, hormones (other than for contraception). Contraceptive pills and hormones prescribed and used for contraception are not included.

(18) Smoking

Smoking means the breathing in and out of smoke from tobacco products such as manufactured cigarettes, hand-rolled cigarettes, cigars, pipes, shishas.

Smoking does not include:

- (a) the use of heated tobacco products;
- (b) the use of electronic cigarettes or similar electronic devices;
- (c) the smoking of cannabis mixed with tobacco.

(19) Heated tobacco products

Heated tobacco products are tobacco products that produce aerosols containing nicotine and other chemicals, inhaled by users through the mouth.

(20) Alcoholic drink

Alcoholic drink refers to all drinks that contain ethanol, regardless of the kind of drink, such as strong or light beer, wine or spirits, or the quantity consumed.

TECHNICAL CHARACTERISTICS OF VARIABLES

| Variable identifier | Variable name | Reference period | Modality code | Modality label | Filter |
|--|---------------------------------------|------------------|---------------|------------------------------------|-----------|
| Detailed topic: DATA COLLECTION INFORMATION | | | | | |
| PRIMSTRAT | Stratum | at selection | 0 001 – 9 999 | Stratum identifier | Everybody |
| | | | - 2 | Not applicable | |
| PSU | Primary Sampling Unit (PSU) | at selection | 0 001 – 9 999 | Primary sampling unit identifier | Everybody |
| | | | - 2 | Not applicable | |
| Detailed topic: IDENTIFICATION | | | | | |
| HHID | Identification number of household | constant | YYYYYYYYYY | 10-digit number | Everybody |
| | | | - 1 | Missing | |
| PID | Identification number of respondent | constant | YYYYYYYYYY | 10-digit number | |
| Detailed topic: WEIGHTS | | | | | |
| WGT | Final individual weight | current | YYYYY.YYY | Number (format 5.3) | Everybody |
| Detailed topic: INTERVIEW CHARACTERISTICS | | | | | |
| PROXY | Nature of participation in the survey | current | 1 | Direct participation | Everybody |
| | | | 2 | Other member of the household | |
| | | | 3 | Someone else outside the household | |
| | | | - 1 | Not stated | |
| REFDATE | Reference date of the interview | current | YYYY-MM-DD | Interview date | Everybody |

| Variable identifier | Variable name | Reference period | Modality code | Modality label | Filter |
|---------------------|-----------------------------|------------------|---------------|--|-----------|
| INTMETHOD | Interviewing mode used | current | 10 | Paper assisted personal interview (PAPI) | Everybody |
| | | | 20 | Computer assisted personal interview (CAPI) | |
| | | | 30 | Computer assisted telephone interview (CATI) | |
| | | | 40 | Computer assisted web-interview (CAWI) | |
| | | | 50 | Other | |
| INTLANG | Language used for interview | current | XXX | Standard Code List Eurostat (SCL) – Languages (3-digit code) | Everybody |
| | | | - 1 | Missing | |

Detailed topic: LOCALISATION

| | | | | | |
|---------|------------------------|---------|---------|--|-----------|
| REGION | Region of residence | current | 10 – ZZ | Region of residence (NUTS code at 2-digit level) | Everybody |
| COUNTRY | Country of residence | current | NN | Country of residence (SCL GEO code) | Everybody |
| DEG_URB | Degree of urbanisation | current | 1 | Cities | Everybody |
| | | | 2 | Towns and suburbs | |
| | | | 3 | Rural areas | |

Detailed topic: DEMOGRAPHY

| | | | | | |
|-----|------------------------|---------|-----|---|-----------|
| SEX | Sex | current | 1 | Male | Everybody |
| | | | 2 | Female | |
| AGE | Age in completed years | current | Age | derived from REFDATE, YEARBIRTH & PASSBIRTH | Everybody |

| Variable identifier | Variable name | Reference period | Modality code | Modality label | Filter |
|---------------------|---------------------|------------------|---------------|----------------|-----------|
| YEARBIRTH | Year of birth | constant | YYYY | 4-digit number | Everybody |
| PASSBIRTH | Passing of birthday | current | 1 | Yes | Everybody |
| | | | 2 | No | |

Detailed topic: CITIZENSHIP AND MIGRANT BACKGROUND

| | | | | | |
|----------------|--------------------------------|----------|-----|--|-----------|
| BIRTHPLACE | Country of birth | constant | NN | Country of birth (SCL GEO code) | Everybody |
| | | | ZZ | Foreign-born but country of birth unknown | |
| | | | - 1 | Not stated | |
| CITIZEN | Country of main citizenship | current | NN | Country of main citizenship (SCL GEO code) | Everybody |
| | | | ZZ | Stateless | |
| | | | XX | Foreign citizenship but country unknown | |
| | | | - 1 | Not stated | |
| BIRTHPLACEFATH | Country of birth of the father | constant | NN | Country of birth of the father (SCL GEO code) | Everybody |
| | | | ZZ | Father foreign-born but country of birth of the father unknown | |
| | | | - 1 | Not stated | |
| BIRTHPLACEMOTH | Country of birth of the mother | constant | NN | Country of birth of the mother (SCL GEO code) | Everybody |
| | | | ZZ | Mother foreign-born but country of birth of the mother unknown | |
| | | | - 1 | Not stated | |

| Variable identifier | Variable name | Reference period | Modality code | Modality label | Filter |
|--|---------------------------------------|------------------|---------------|---|-----------|
| Detailed topic: HOUSEHOLD COMPOSITION | | | | | |
| PARTNERS | Partners living in the same household | current | 1 | Person living with a legal or de facto partner | Everybody |
| | | | 2 | Person not living with a legal or de facto partner | |
| | | | - 1 | Not stated | |
| | | | - 2 | Not applicable | |
| HHNBERS | Household size | current | Number | Total number of members of the household | Everybody |
| | | | - 1 | Not stated | |
| HHNBERS_0_13 | Number of persons aged 13 or younger | current | Number | Number of persons aged 13 or below | Everybody |
| | | | - 1 | -1 Not stated | |
| HHTYPE | Household type | current | 10 | One-person household | Everybody |
| | | | 21 | Lone parent with at least one child aged less than 25 | |
| | | | 22 | Lone parent with all children aged 25 or more | |
| | | | 31 | Couple without any child or children | |
| | | | 32 | Couple with at least one child aged less than 25 | |
| | | | 33 | Couple with all children aged 25 or more | |
| | | | 40 | Other type of household | |
| | | | - 1 | Not stated | |

| Variable identifier | Variable name | Reference period | Modality code | Modality label | Filter |
|--|--|------------------|---------------|---|---------------|
| Detailed topic: MAIN ACTIVITY STATUS (SELF-DEFINED) | | | | | |
| MAINSTAT | Main activity status (self-defined) | current | 10 | Employed | Everybody |
| | | | 20 | Unemployed | |
| | | | 30 | Retired | |
| | | | 40 | Unable to work due to long-standing health problems | |
| | | | 50 | Student, pupil | |
| | | | 60 | Fulfilling domestic tasks | |
| | | | 70 | Compulsory military or civilian service | |
| | | | 80 | Other | |
| | | | - 1 | Not stated | |
| Detailed topic: ELEMENTARY JOB CHARACTERISTICS | | | | | |
| JOBISCO | Occupation in main job | current | 00, 11 – 96 | ISCO-08 at 2-digit level | MAINSTAT = 10 |
| | | | - 1 | Not stated | |
| | | | - 2 | Not applicable | |
| LOCNACE | Economic activity of the local unit for main job | current | A, B, C... | One character representing the NACE section | MAINSTAT = 10 |
| | | | - 1 | Not stated | |
| | | | - 2 | Not applicable | |
| FT_PT | Full or part-time main job (self-defined) | current | 1 | Full-time job | MAINSTAT = 10 |
| | | | 2 | Part-time job | |
| | | | - 1 | Not stated | |
| | | | - 2 | Not applicable | |

| Variable identifier | Variable name | Reference period | Modality code | Modality label | Filter |
|---------------------|----------------------------------|------------------|---------------|--|---------------|
| JOBSTAT | Status in employment in main job | current | 11 | Self-employed person with employees | MAINSTAT = 10 |
| | | | 12 | Self-employed person without employees | |
| | | | 20 | Employee | |
| | | | 30 | Family worker (unpaid) | |
| | | | - 1 | Not stated | |
| | | | - 2 | Not applicable | |

Detailed topic: EDUCATIONAL ATTAINMENT LEVEL

| | | | | | |
|----------|--|---------|---|--|-----------|
| HATLEVEL | Educational attainment level (highest level of education successfully completed) | current | 0 | No formal education or below ISCED 1 | Everybody |
| | | | 1 | ISCED 1 Primary education | |
| | | | 2 | ISCED 2 Lower secondary education | |
| | | | 3 | ISCED 3 Upper secondary education | |
| | | | 4 | ISCED 4 Post-secondary non-tertiary education | |
| | | | 5 | ISCED 5 Short-cycle tertiary education | |
| | | | 6 | ISCED 6 Bachelor's or equivalent level | |
| | | | 7 | ISCED 7 Master's or equivalent level | |
| | | | 8 | ISCED 8 Doctoral or equivalent level | |
| - 1 | Not stated | | | | |

| Variable identifier | Variable name | Reference period | Modality code | Modality label | Filter |
|---|--------------------------------------|-----------------------|---------------|---|-----------|
| Detailed topic: TOTAL HOUSEHOLD MONTHLY INCOME | | | | | |
| HHINCOME | Net current monthly household income | current calendar year | 1 | Lower equalised net current monthly income group | Everybody |
| | | | 2 | Low to medium equalised net current monthly income group | |
| | | | 3 | Medium equalised net current monthly income group | |
| | | | 4 | Medium to high equalised net current monthly income group | |
| | | | 5 | Higher equalised net current monthly income group | |
| | | | - 1 | Not stated | |
| Detailed topic: MINIMUM EUROPEAN HEALTH MODULE | | | | | |
| HS1 | Self-perceived general health | current | 1 | Very good | Everybody |
| | | | 2 | Good | |
| | | | 3 | Fair (neither good nor bad) | |
| | | | 4 | Bad | |
| | | | 5 | Very bad | |
| | | | - 1 | Not stated | |
| | | | - 3 | Proxy | |
| HS2 | Long-standing health problem | current | 1 | Yes | Everybody |
| | | | 2 | No | |
| | | | - 1 | Not stated | |

| Variable identifier | Variable name | Reference period | Modality code | Modality label | Filter |
|---------------------|---|------------------|---------------|--------------------------|-----------|
| HS3 | Limitation in activities because of health problems | current | 1 | Severely limited | Everybody |
| | | | 2 | Limited but not severely | |
| | | | 3 | Not limited at all | |
| | | | - 1 | Not stated | |

Detailed topic: DISEASES AND CHRONIC CONDITIONS

| | | | | | |
|------|--|----------------|-----|------------|-----------|
| CD1A | Having asthma in the past 12 months (allergic asthma included) | last 12 months | 1 | Yes | Everybody |
| | | | 2 | No | |
| | | | - 1 | Not stated | |
| CD1B | Having chronic bronchitis, chronic obstructive pulmonary disease or emphysema in the past 12 months | last 12 months | 1 | Yes | Everybody |
| | | | 2 | No | |
| | | | - 1 | Not stated | |
| CD1C | Having a myocardial infarction (heart attack) or chronic consequences of myocardial infarction in the past 12 months | last 12 months | 1 | Yes | Everybody |
| | | | 2 | No | |
| | | | - 1 | Not stated | |
| CD1D | Having a coronary heart disease or angina pectoris in the past 12 months | last 12 months | 1 | Yes | Everybody |
| | | | 2 | No | |
| | | | - 1 | Not stated | |
| CD1E | Having high blood pressure in the past 12 months | last 12 months | 1 | Yes | Everybody |
| | | | 2 | No | |
| | | | - 1 | Not stated | |

| Variable identifier | Variable name | Reference period | Modality code | Modality label | Filter |
|---------------------|---|------------------|---------------|----------------|-----------|
| CD1F | Having a stroke (cerebral haemorrhage, cerebral thrombosis) or chronic consequences of stroke in the past 12 months | last 12 months | 1 | Yes | Everybody |
| | | | 2 | No | |
| | | | - 1 | Not stated | |
| CD1G | Having arthrosis (arthritis excluded) in the past 12 months | last 12 months | 1 | Yes | Everybody |
| | | | 2 | No | |
| | | | - 1 | Not stated | |
| CD1H | Having a low back disorder or other chronic back defect in the past 12 months | last 12 months | 1 | Yes | Everybody |
| | | | 2 | No | |
| | | | - 1 | Not stated | |
| CD1I | Having a neck disorder or other chronic neck defect in the past 12 months | last 12 months | 1 | Yes | Everybody |
| | | | 2 | No | |
| | | | - 1 | Not stated | |
| CD1J | Having diabetes in the past 12 months | last 12 months | 1 | Yes | Everybody |
| | | | 2 | No | |
| | | | - 1 | Not stated | |
| CD1K | Having an allergy, such as rhinitis, eye inflammation, dermatitis, food allergy or other allergy (allergic asthma excluded) in the past 12 months | last 12 months | 1 | Yes | Everybody |
| | | | 2 | No | |
| | | | - 1 | Not stated | |

| Variable identifier | Variable name | Reference period | Modality code | Modality label | Filter |
|---------------------|--|------------------|---------------|-----------------------------|-----------|
| CD1M | Having urinary incontinence, problems in controlling the bladder in the past 12 months | last 12 months | 1 | Yes | Everybody |
| | | | 2 | No | |
| | | | - 1 | Not stated | |
| CD1N | Having kidney problems in the past 12 months | last 12 months | 1 | Yes | Everybody |
| | | | 2 | No | |
| | | | - 1 | Not stated | |
| CD1O | Having depression in the past 12 months | last 12 months | 1 | Yes | Everybody |
| | | | 2 | No | |
| | | | - 1 | Not stated | |
| CD1P | Having high blood lipids in the past 12 months | last 12 months | 1 | Yes | Everybody |
| | | | 2 | No | |
| | | | - 1 | Not stated | |
| CD1R | Having cancer (i.e. received cancer diagnosis, cancer treatment, living with cancer) in the past 12 months | last 12 months | 1 | Yes | Everybody |
| | | | 2 | No | |
| | | | - 1 | Not stated | |
| CD2 | Self-perceived general oral health | current | 1 | Very good | Everybody |
| | | | 2 | Good | |
| | | | 3 | Fair (neither good nor bad) | |
| | | | 4 | Bad | |
| | | | 5 | Very bad | |
| | | | - 1 | Not stated | |
| | | | - 3 | Proxy | |

| Variable identifier | Variable name | Reference period | Modality code | Modality label | Filter |
|---|---|------------------|---------------|----------------|--------------------------|
| Detailed topic: ACCIDENTS AND INJURIES | | | | | |
| AC1 | Occurrence of a home or leisure accident in the past 12 months | last 12 months | 1 | Yes | Everybody |
| | | | 2 | No | |
| | | | - 1 | Not stated | |
| Detailed topic: PAIN | | | | | |
| PN1 | Intensity of bodily pain during the past 4 weeks | last 4 weeks | 1 | None | Everybody |
| | | | 2 | Very mild | |
| | | | 3 | Mild | |
| | | | 4 | Moderate | |
| | | | 5 | Severe | |
| | | | 6 | Very severe | |
| | | | - 1 | Not stated | |
| | | | - 3 | Proxy | |
| PN2 | Extent that pain interfered with normal work during the past 4 weeks (including both work outside the home and housework) | last 4 weeks | 1 | Not at all | if PN1 = 2, 3, 4, 5 or 6 |
| | | | 2 | A little bit | |
| | | | 3 | Moderately | |
| | | | 4 | Quite a bit | |
| | | | 5 | Extremely | |
| | | | - 1 | Not stated | |
| | | | - 2 | Not applicable | |
| | | | - 3 | Proxy | |

| Variable identifier | Variable name | Reference period | Modality code | Modality label | Filter |
|--|--|------------------|---------------|-------------------------|-----------|
| Detailed topic: MENTAL HEALTH, INCLUDING ADDICTIONS | | | | | |
| MH1A | Extent of having little interest or pleasure in doing things over the last 2 weeks | last 2 weeks | 1 | Not at all | Everybody |
| | | | 2 | Several days | |
| | | | 3 | More than half the days | |
| | | | 4 | Nearly every day | |
| | | | - 1 | Not stated | |
| | | | - 3 | Proxy | |
| MH1B | Extent of feeling down, depressed or hopeless over the last 2 weeks | last 2 weeks | 1 | Not at all | Everybody |
| | | | 2 | Several days | |
| | | | 3 | More than half the days | |
| | | | 4 | Nearly every day | |
| | | | - 1 | Not stated | |
| | | | - 3 | Proxy | |
| MH1C | Extent of having trouble falling or staying asleep, or sleeping too much over the last 2 weeks | last 2 weeks | 1 | Not at all | Everybody |
| | | | 2 | Several days | |
| | | | 3 | More than half the days | |
| | | | 4 | Nearly every day | |
| | | | - 1 | Not stated | |
| | | | - 3 | Proxy | |

| Variable identifier | Variable name | Reference period | Modality code | Modality label | Filter |
|---------------------|--|------------------|---------------|-------------------------|-----------|
| MH1D | Extent of feeling tired or having little energy over the last 2 weeks | last 2 weeks | 1 | Not at all | Everybody |
| | | | 2 | Several days | |
| | | | 3 | More than half the days | |
| | | | 4 | Nearly every day | |
| | | | - 1 | Not stated | |
| | | | - 3 | Proxy | |
| MH1E | Extent of having poor appetite or overeating over the last 2 weeks | last 2 weeks | 1 | Not at all | Everybody |
| | | | 2 | Several days | |
| | | | 3 | More than half the days | |
| | | | 4 | Nearly every day | |
| | | | - 1 | Not stated | |
| | | | - 3 | Proxy | |
| MH1F | Extent of respondent feeling negative about themselves, or feeling that they are a failure or have let themselves or their family down over the last 2 weeks | last 2 weeks | 1 | Not at all | Everybody |
| | | | 2 | Several days | |
| | | | 3 | More than half the days | |
| | | | 4 | Nearly every day | |
| | | | - 1 | Not stated | |
| | | | - 3 | Proxy | |

| Variable identifier | Variable name | Reference period | Modality code | Modality label | Filter |
|---------------------|---|------------------|---------------|----------------------------|-----------|
| MH1G | Extent of having trouble concentrating on things, such as reading the newspaper or watching television, over the last 2 weeks | last 2 weeks | 1 | Not at all | Everybody |
| | | | 2 | Several days | |
| | | | 3 | More than half the days | |
| | | | 4 | Nearly every day | |
| | | | - 1 | Not stated | |
| | | | - 3 | Proxy | |
| MH1H | Extent of moving or speaking so slowly that other people may have noticed; or being so fidgety or restless that they have been moving around a lot more than usual, over the last 2 weeks | last 2 weeks | 1 | Not at all | Everybody |
| | | | 2 | Several days | |
| | | | 3 | More than half the days | |
| | | | 4 | Nearly every day | |
| | | | - 1 | Not stated | |
| | | | - 3 | Proxy | |
| MH2A | Feeling cheerful and in good spirits over the last 2 weeks | last 2 weeks | 1 | All of the time | Everybody |
| | | | 2 | Most of the time | |
| | | | 3 | More than half of the time | |
| | | | 4 | Less than half of the time | |
| | | | 5 | Some of the time | |
| | | | 6 | At no time | |
| | | | - 1 | Not stated | |
| | | | - 3 | Proxy | |

| Variable identifier | Variable name | Reference period | Modality code | Modality label | Filter |
|---------------------|---|------------------|---------------|----------------------------|-----------|
| MH2B | Feeling calm and relaxed over the last 2 weeks | last 2 weeks | 1 | All of the time | Everybody |
| | | | 2 | Most of the time | |
| | | | 3 | More than half of the time | |
| | | | 4 | Less than half of the time | |
| | | | 5 | Some of the time | |
| | | | 6 | At no time | |
| | | | - 1 | Not stated | |
| | | | - 3 | Proxy | |
| MH2C | Feeling active and vigorous over the last 2 weeks | last 2 weeks | 1 | All of the time | Everybody |
| | | | 2 | Most of the time | |
| | | | 3 | More than half of the time | |
| | | | 4 | Less than half of the time | |
| | | | 5 | Some of the time | |
| | | | 6 | At no time | |
| | | | - 1 | Not stated | |
| | | | - 3 | Proxy | |

| Variable identifier | Variable name | Reference period | Modality code | Modality label | Filter |
|---|---|------------------|---------------|----------------------------|-----------|
| MH2D | Waking up feeling fresh and rested over the last 2 weeks | last 2 weeks | 1 | All of the time | Everybody |
| | | | 2 | Most of the time | |
| | | | 3 | More than half of the time | |
| | | | 4 | Less than half of the time | |
| | | | 5 | Some of the time | |
| | | | 6 | At no time | |
| | | | - 1 | Not stated | |
| | | | - 3 | Proxy | |
| MH2E | Feeling that daily life has been filled with things that interest over the last 2 weeks | last 2 weeks | 1 | All of the time | Everybody |
| | | | 2 | Most of the time | |
| | | | 3 | More than half of the time | |
| | | | 4 | Less than half of the time | |
| | | | 5 | Some of the time | |
| | | | 6 | At no time | |
| | | | - 1 | Not stated | |
| | | | - 3 | Proxy | |
| Detailed topic: FUNCTIONAL LIMITATIONS | | | | | |
| PL1 | Wearing glasses or contact lenses | current | 1 | Yes | Everybody |
| | | | 2 | No | |
| | | | 3 | Blind or cannot see at all | |
| | | | - 1 | Not stated | |

| Variable identifier | Variable name | Reference period | Modality code | Modality label | Filter |
|---------------------|--|------------------|---------------|-------------------------------|---------------------|
| PL2 | Difficulty in seeing, even when wearing glasses or contact lenses | current | 1 | No difficulty | if PL1 = 1, 2 or -1 |
| | | | 2 | Some difficulty | |
| | | | 3 | A lot of difficulty | |
| | | | 4 | Cannot do at all/Unable to do | |
| | | | - 1 | Not stated | |
| | | | - 2 | Not applicable | |
| PL3 | Use of a hearing aid | current | 1 | Yes | Everybody |
| | | | 2 | No | |
| | | | 3 | Profoundly deaf | |
| | | | - 1 | Not stated | |
| PL4 | Difficulty in hearing what is said in a conversation with one other person in a quiet room even when using a hearing aid | current | 1 | No difficulty | if PL3 = 1, 2 or -1 |
| | | | 2 | Some difficulty | |
| | | | 3 | A lot of difficulty | |
| | | | 4 | Cannot do at all/Unable to do | |
| | | | - 1 | Not stated | |
| | | | - 2 | Not applicable | |
| PL5 | Difficulty in hearing what is said in a conversation with one other person in a noisier room even when using a hearing aid | current | 1 | No difficulty | if PL3 = 1, 2 or -1 |
| | | | 2 | Some difficulty | |
| | | | 3 | A lot of difficulty | |
| | | | 4 | Cannot do at all/Unable to do | |
| | | | - 1 | Not stated | |
| | | | - 2 | Not applicable | |

| Variable identifier | Variable name | Reference period | Modality code | Modality label | Filter |
|---------------------|---|------------------|---------------|-------------------------------|-----------|
| PL6 | Difficulty in walking half a km on level ground without the use of any aid | current | 1 | No difficulty | Everybody |
| | | | 2 | Some difficulty | |
| | | | 3 | A lot of difficulty | |
| | | | 4 | Cannot do at all/Unable to do | |
| | | | - 1 | Not stated | |
| PL7 | Difficulty in walking up or down 12 steps | current | 1 | No difficulty | Everybody |
| | | | 2 | Some difficulty | |
| | | | 3 | A lot of difficulty | |
| | | | 4 | Cannot do at all/Unable to do | |
| | | | - 1 | Not stated | |
| PL8 | Difficulty in remembering or concentrating | current | 1 | No difficulty | Everybody |
| | | | 2 | Some difficulty | |
| | | | 3 | A lot of difficulty | |
| | | | 4 | Cannot do at all/Unable to do | |
| | | | - 1 | Not stated | |
| PL8A | Difficulty in communicating (using usual language, for example understanding or being understood by others) | current | 1 | No difficulty | Everybody |
| | | | 2 | Some difficulty | |
| | | | 3 | A lot of difficulty | |
| | | | 4 | Cannot do at all/Unable to do | |
| | | | - 1 | Not stated | |

| Variable identifier | Variable name | Reference period | Modality code | Modality label | Filter |
|---------------------|--|------------------|---------------|-------------------------------|-------------|
| PL9 | Difficulty in biting and chewing on hard foods | current | 1 | No difficulty | if AGE ≥ 55 |
| | | | 2 | Some difficulty | |
| | | | 3 | A lot of difficulty | |
| | | | 4 | Cannot do at all/Unable to do | |
| | | | - 1 | Not stated | |
| | | | - 2 | Not applicable | |

Detailed topic: DIFFICULTIES IN PERSONAL CARE ACTIVITIES

| | | | | | |
|------|--|---------|-----|-------------------------------|--|
| PC1A | Difficulty in feeding yourself | current | 1 | No difficulty | if (AGE < 55 and HS3 = 1 or 2) or AGE ≥ 55 |
| | | | 2 | Some difficulty | |
| | | | 3 | A lot of difficulty | |
| | | | 4 | Cannot do at all/Unable to do | |
| | | | - 1 | Not stated | |
| | | | - 2 | Not applicable | |
| PC1B | Difficulty in getting in and out of a bed or chair | current | 1 | No difficulty | if (AGE < 55 and HS3 = 1 or 2) or AGE ≥ 55 |
| | | | 2 | Some difficulty | |
| | | | 3 | A lot of difficulty | |
| | | | 4 | Cannot do at all/Unable to do | |
| | | | - 1 | Not stated | |
| | | | - 2 | Not applicable | |

| Variable identifier | Variable name | Reference period | Modality code | Modality label | Filter |
|---------------------|---------------------------------------|------------------|---------------|-------------------------------|--|
| PC1C | Difficulty in dressing and undressing | current | 1 | No difficulty | if (AGE < 55 and HS3 = 1 or 2) or AGE ≥ 55 |
| | | | 2 | Some difficulty | |
| | | | 3 | A lot of difficulty | |
| | | | 4 | Cannot do at all/Unable to do | |
| | | | - 1 | Not stated | |
| | | | - 2 | Not applicable | |
| PC1D | Difficulty in using toilets | current | 1 | No difficulty | if (AGE < 55 and HS3 = 1 or 2) or AGE ≥ 55 |
| | | | 2 | Some difficulty | |
| | | | 3 | A lot of difficulty | |
| | | | 4 | Cannot do at all/Unable to do | |
| | | | - 1 | Not stated | |
| | | | - 2 | Not applicable | |
| PC1E | Difficulty in bathing or showering | current | 1 | No difficulty | if (AGE < 55 and HS3 = 1 or 2) or AGE ≥ 55 |
| | | | 2 | Some difficulty | |
| | | | 3 | A lot of difficulty | |
| | | | 4 | Cannot do at all/Unable to do | |
| | | | - 1 | Not stated | |
| | | | - 2 | Not applicable | |

| Variable identifier | Variable name | Reference period | Modality code | Modality label | Filter |
|---------------------|---|------------------|---------------|---------------------------------|---|
| PC2 | Usually receiving help with one or more self-care activities: feeding yourself, getting in and out of a bed or chair, dressing and undressing, using toilets, bathing or showering | current | 1 | Yes, with at least one activity | if [(AGE < 55 and HS3 = 1 or 2) or AGE ≥ 55] and [(PC1A = 2 or 3 or 4) or (PC1B = 2 or 3 or 4) or (PC1C = 2 or 3 or 4) or (PC1D = 2 or 3 or 4) or (PC1E = 2 or 3 or 4)] |
| | | | 2 | No | |
| | | | - 1 | Not stated | |
| | | | - 2 | Not applicable | |
| PC3 | Need to receive help or more help with one or more self-care activities: feeding yourself, getting in and out of a bed or chair, dressing and undressing, using toilets, bathing or showering | current | 1 | Yes, with at least one activity | if [(AGE < 55 and HS3 = 1 or 2) or AGE ≥ 55] and [(PC1A = 2 or 3 or 4) or (PC1B = 2 or 3 or 4) or (PC1C = 2 or 3 or 4) or (PC1D = 2 or 3 or 4) or (PC1E = 2 or 3 or 4)] |
| | | | 2 | No | |
| | | | - 1 | Not stated | |
| | | | - 2 | Not applicable | |

Detailed topic: DIFFICULTIES IN HOUSEHOLD ACTIVITIES

| | | | | | |
|------|-------------------------------|---------|-----|---|--|
| HA1A | Difficulty in preparing meals | current | 1 | No difficulty | if (AGE < 55 and HS3 = 1 or 2) or AGE ≥ 55 |
| | | | 2 | Some difficulty | |
| | | | 3 | A lot of difficulty | |
| | | | 4 | Cannot do at all/Unable to do | |
| | | | 5 | Not applicable (never tried it or do not need to do it) | |
| | | | - 1 | Not stated | |
| | | | - 2 | Not applicable | |

| Variable identifier | Variable name | Reference period | Modality code | Modality label | Filter |
|---------------------|-----------------------------------|------------------|---------------|---|--|
| HA1B | Difficulty in using the telephone | current | 1 | No difficulty | if (AGE < 55 and HS3 = 1 or 2) or AGE ≥ 55 |
| | | | 2 | Some difficulty | |
| | | | 3 | A lot of difficulty | |
| | | | 4 | Cannot do at all/Unable to do | |
| | | | 5 | Not applicable (never tried it or do not need to do it) | |
| | | | - 1 | Not stated | |
| | | | - 2 | Not applicable | |
| HA1C | Difficulty to do shopping | current | 1 | No difficulty | if (AGE < 55 and HS3 = 1 or 2) or AGE ≥ 55 |
| | | | 2 | Some difficulty | |
| | | | 3 | A lot of difficulty | |
| | | | 4 | Cannot do at all/Unable to do | |
| | | | 5 | Not applicable (never tried it or do not need to do it) | |
| | | | - 1 | Not stated | |
| | | | - 2 | Not applicable | |
| HA1D | Difficulty in managing medication | current | 1 | No difficulty | if (AGE < 55 and HS3 = 1 or 2) or AGE ≥ 55 |
| | | | 2 | Some difficulty | |
| | | | 3 | A lot of difficulty | |
| | | | 4 | Cannot do at all/Unable to do | |
| | | | 5 | Not applicable (never tried it or do not need to do it) | |
| | | | - 1 | Not stated | |
| | | | - 2 | Not applicable | |

| Variable identifier | Variable name | Reference period | Modality code | Modality label | Filter |
|---------------------|---|------------------|---------------|---|--|
| HA1E | Difficulty in doing light housework | current | 1 | No difficulty | if (AGE < 55 and HS3 = 1 or 2) or AGE ≥ 55 |
| | | | 2 | Some difficulty | |
| | | | 3 | A lot of difficulty | |
| | | | 4 | Cannot do at all/Unable to do | |
| | | | 5 | Not applicable (never tried it or do not need to do it) | |
| | | | - 1 | Not stated | |
| | | | - 2 | Not applicable | |
| HA1F | Difficulty in doing occasional heavy housework | current | 1 | No difficulty | if (AGE < 55 and HS3 = 1 or 2) or AGE ≥ 55 |
| | | | 2 | Some difficulty | |
| | | | 3 | A lot of difficulty | |
| | | | 4 | Cannot do at all/Unable to do | |
| | | | 5 | Not applicable (never tried it or do not need to do it) | |
| | | | - 1 | Not stated | |
| | | | - 2 | Not applicable | |
| HA1G | Difficulty in taking care of finances and everyday administrative tasks | current | 1 | No difficulty | if (AGE < 55 and HS3 = 1 or 2) or AGE ≥ 55 |
| | | | 2 | Some difficulty | |
| | | | 3 | A lot of difficulty | |
| | | | 4 | Cannot do at all/Unable to do | |
| | | | 5 | Not applicable (never tried it or do not need to do it) | |
| | | | - 1 | Not stated | |
| | | | - 2 | Not applicable | |

| Variable identifier | Variable name | Reference period | Modality code | Modality label | Filter |
|---------------------|--|------------------|---------------|---------------------------------|---|
| HA2 | Usually receiving help with one or more domestic activities: preparing meals, using the telephone, shopping, managing medication, light or occasional heavy housework, taking care of finances and everyday administrative tasks | current | 1 | Yes, with at least one activity | if [(AGE < 55 and HS3 = 1 or 2) or AGE ≥ 55] and [(HA1A = 2, 3 or 4) or (HA1B = 2, 3 or 4) or (HA1C = 2, 3 or 4) or (HA1D = 2, 3 or 4) or (HA1E = 2, 3 or 4) or (HA1F = 2, 3 or 4) or (HA1G = 2, 3 or 4)] |
| | | | 2 | No | |
| | | | - 1 | Not stated | |
| | | | - 2 | Not applicable | |
| HA3 | Need for help or more help with one or more domestic activities: preparing meals, using the telephone, shopping, managing medication, light or occasional heavy housework, taking care of finances and everyday administrative tasks | current | 1 | Yes, with at least one activity | if [(AGE < 55 and HS3 = 1 or 2) or AGE ≥ 55] and [(HA1A = 2, 3 or 4) or (HA1B = 2, 3 or 4) or (HA1C = 2, 3 or 4) or (HA1D = 2, 3 or 4) or (HA1E = 2, 3 or 4) or (HA1F = 2, 3 or 4) or (HA1G = 2, 3 or 4)] |
| | | | 2 | No | |
| | | | - 1 | Not stated | |
| | | | - 2 | Not applicable | |

Detailed topic: TEMPORARY LIMITATION IN ACTIVITY (DUE TO HEALTH PROBLEMS)

| | | | | | |
|-----|---|----------------|---------|----------------|------------------|
| AW2 | Number of days of absence from work due to personal health problems in the past 12 months | last 12 months | 0 – 365 | Number | if MAINSTAT = 10 |
| | | | - 1 | Not stated | |
| | | | - 2 | Not applicable | |

| Variable identifier | Variable name | Reference period | Modality code | Modality label | Filter |
|---|---|------------------|---------------|--|-----------|
| Detailed topic: BARRIERS TO PARTICIPATION IN SPECIFIC LIFE DOMAINS | | | | | |
| BA1 | Difficulty leaving home due to long-standing health problems (chronic conditions or impairments) | current | 1 | No difficulty | Everybody |
| | | | 2 | Some difficulty | |
| | | | 3 | A lot of difficulty | |
| | | | 4 | Cannot do at all/Unable to do | |
| | | | 5 | Not interested in this activity/Do not want to do it | |
| | | | - 1 | Not stated | |
| BA2 | Difficulty using various forms of transportation due to long-standing health problems | current | 1 | No difficulty | Everybody |
| | | | 2 | Some difficulty | |
| | | | 3 | A lot of difficulty | |
| | | | 4 | Cannot do at all/Unable to do | |
| | | | 5 | Not interested in this activity/Do not want to do it | |
| | | | - 1 | Not stated | |
| BA3 | Difficulty accessing public buildings, including moving about once inside and using indoor building facilities due to long-standing health problems | current | 1 | No difficulty | Everybody |
| | | | 2 | Some difficulty | |
| | | | 3 | A lot of difficulty | |
| | | | 4 | Cannot do at all/Unable to do | |
| | | | 5 | Not interested in this activity/Do not want to do it | |
| | | | - 1 | Not stated | |

| Variable identifier | Variable name | Reference period | Modality code | Modality label | Filter |
|---------------------|--|------------------|---------------|---|---|
| BA4 (optional) | Main reason contributing to the difficulty experienced (other than long-standing health problems) | current | 1 | Lack of money, can't afford it | if any of BA1, BA2 or BA3 = 2 or 3 or 4 |
| | | | 2 | Lack of self-confidence | |
| | | | 3 | Attitudes of other people | |
| | | | 4 | Lack of convenient or available transport | |
| | | | 5 | Difficulties travelling on transport (such as getting on or off transport, no seats available, too uncomfortable) | |
| | | | 6 | Difficulties parking (such as not enough spaces) | |
| | | | 7 | Poor buildings' infrastructure and accessibility (lack of elevators, ramps, signs, doors too narrow, toilets not adapted, etc.) | |
| | | | 8 | Other reasons | |
| | | | 9 | None | |
| | | | - 1 | Not stated | |
| | | | - 2 | Not applicable | |
| BA5 | Difficulty attending social activities such as getting together with family or friends, going to dinner, going to social events due to long-standing health problems | current | 1 | No difficulty | Everybody |
| | | | 2 | Some difficulty | |
| | | | 3 | A lot of difficulty | |
| | | | 4 | Cannot do at all/Unable to do | |
| | | | 5 | Not interested in this activity/Do not want to do it | |
| | | | - 1 | Not stated | |

| Variable identifier | Variable name | Reference period | Modality code | Modality label | Filter |
|---------------------|---|------------------|---------------|---|----------------------|
| BA6 (optional) | Main reason contributing to the difficulty experienced attending social activities (other than long-standing health problems) | current | 1 | Too busy (with work, family, caring or other responsibilities) | if BA5 = 2 or 3 or 4 |
| | | | 2 | Lack of money, can't afford it | |
| | | | 3 | Lack of self-confidence | |
| | | | 4 | Attitudes of other people | |
| | | | 5 | Lack of knowledge or information | |
| | | | 6 | Environmental barriers/no friendly environment (for instance, difficulties with access and use of public transportation, accessing or using buildings, shops, easy movement along streets, parking, etc.) | |
| | | | 7 | Other reasons | |
| | | | 8 | None | |
| | | | - 1 | Not stated | |
| - 2 | Not applicable | | | | |
| BA7 | Difficulty using internet due to long-standing health problems | current | 1 | No difficulty | Everybody |
| | | | 2 | Some difficulty | |
| | | | 3 | A lot of difficulty | |
| | | | 4 | Cannot do at all/Unable to do | |
| | | | 5 | Not interested in this activity/Do not want to do it | |
| | | | - 1 | Not stated | |

| Variable identifier | Variable name | Reference period | Modality code | Modality label | Filter |
|---|--|------------------|---------------|-------------------------|------------|
| Detailed topic: USE OF HEALTH AND LONG-TERM CARE | | | | | |
| HO12 | Number of nights spent as a patient in a hospital in the past 12 months | last 12 months | 0 – 365 | Number | Everybody |
| | | | - 1 | Not stated | |
| HO34 | Number of times admitted as a day patient in a hospital in the past 12 months | last 12 months | 0 – 365 | Number | Everybody |
| | | | - 1 | Not stated | |
| AM1 | Last time of a visit to a dentist or orthodontist (for personal treatment) | last 12 months | 1 | Less than 6 months ago | Everybody |
| | | | 2 | 6 to 12 months ago | |
| | | | 3 | 12 months ago or longer | |
| | | | 4 | Never | |
| | | | - 1 | Not stated | |
| AM2 | Last time of a consultation of a general practitioner or family doctor (for personal treatment) | last 12 months | 1 | Less than 12 months ago | Everybody |
| | | | 2 | 12 months ago or longer | |
| | | | 3 | Never | |
| | | | - 1 | Not stated | |
| AM3 | Number of consultations of a general practitioner or family doctor during the past four weeks (for personal treatment) | last 4 weeks | 0 – 99 | Number | if AM2 = 1 |
| | | | - 1 | Not stated | |
| | | | - 2 | Not applicable | |

| Variable identifier | Variable name | Reference period | Modality code | Modality label | Filter |
|---------------------|---|------------------|---------------|--------------------------------------|------------|
| AM4 | Last time of a consultation of a medical or surgical specialist (for personal treatment) | last 12 months | 1 | Less than 12 months ago | Everybody |
| | | | 2 | 12 months ago or longer | |
| | | | 3 | Never | |
| | | | - 1 | Not stated | |
| AM5 | Number of consultations of a medical or surgical specialist during the past four weeks (for personal treatment) | last 4 weeks | 0 – 99 | Number | if AM4 = 1 |
| | | | - 1 | Not stated | |
| | | | - 2 | Not applicable | |
| AM6A | Consultation of a physiotherapist or kinesitherapist in the past 12 months | last 12 months | 1 | Yes | Everybody |
| | | | 2 | No | |
| | | | - 1 | Not stated | |
| AM6B | Consultation of a psychologist, psychotherapist or psychiatrist in the past 12 months | last 12 months | 1 | Yes | Everybody |
| | | | 2 | No | |
| | | | - 1 | Not stated | |
| LT1 | Receiving regularly (at least once a week) informal care or assistance due to a chronic health condition or infirmity or due to old age | last 12 months | 1 | Yes, mainly from a family member | Everybody |
| | | | 2 | Yes, mainly from a non-family member | |
| | | | 3 | No | |
| | | | - 1 | Not stated | |

| Variable identifier | Variable name | Reference period | Modality code | Modality label | Filter |
|---------------------|---|------------------|---------------|---|------------|
| LT2 | Receiving regularly (at least once a week) any (formal) home care services due to a chronic health condition or infirmity or due to old age | last 12 months | 1 | Yes | Everybody |
| | | | 2 | No | |
| | | | - 1 | Not stated | |
| LT3 | Number of hours per week regularly receiving (formal) home care services for personal needs | last 2 weeks | 1 | Less than 5 hours per week | if LT2 = 1 |
| | | | 2 | 5 hours to less than 10 hours per week | |
| | | | 3 | 10 hours to less than 20 hours per week | |
| | | | 4 | 20 hours to less than 30 hours per week | |
| | | | 5 | 30 hours to less than 40 hours per week | |
| | | | 6 | 40 hours per week or more | |
| | | | - 1 | Not stated | |
| | | | - 2 | Not applicable | |

Detailed topic: MEDICINE USE

| | | | | | |
|-----|---|--------------|-----|------------|-----------|
| MD1 | Use of any medicines prescribed by a doctor during the past two weeks (excluding contraception) | last 2 weeks | 1 | Yes | Everybody |
| | | | 2 | No | |
| | | | - 1 | Not stated | |
| MD2 | Use of any medicines, herbal medicines or vitamins not prescribed by a doctor during the past two weeks (excluding contraception) | last 2 weeks | 1 | Yes | Everybody |
| | | | 2 | No | |
| | | | - 1 | Not stated | |

| Variable identifier | Variable name | Reference period | Modality code | Modality label | Filter |
|--|---|------------------|---------------|--|-----------|
| Detailed topic: PREVENTIVE CARE | | | | | |
| PA1 | Last time of vaccination against flu | last 12 months | YYYY-MM | Vaccination month and year | Everybody |
| | | | 1 | Too long ago (before the previous calendar year) | |
| | | | 2 | Never | |
| | | | - 1 | Not stated | |
| | | | - 3 | Proxy | |
| PA2 | Last time of blood pressure measurement by a health professional | last 5 years | 1 | Within the past 12 months | Everybody |
| | | | 2 | 1 to less than 3 years | |
| | | | 3 | 3 to less than 5 years | |
| | | | 4 | 5 years or more | |
| | | | 5 | Never | |
| | | | - 1 | Not stated | |
| | | | - 3 | Proxy | |
| PA3 | Last time of blood cholesterol measurement by a health professional | last 5 years | 1 | Within the past 12 months | Everybody |
| | | | 2 | 1 to less than 3 years | |
| | | | 3 | 3 to less than 5 years | |
| | | | 4 | 5 years or more | |
| | | | 5 | Never | |
| | | | - 1 | Not stated | |
| | | | - 3 | Proxy | |

| Variable identifier | Variable name | Reference period | Modality code | Modality label | Filter |
|---------------------|---|------------------|---------------|---------------------------|-----------|
| PA4 | Last time of blood sugar measurement by a health professional | last 5 years | 1 | Within the past 12 months | Everybody |
| | | | 2 | 1 to less than 3 years | |
| | | | 3 | 3 to less than 5 years | |
| | | | 4 | 5 years or more | |
| | | | 5 | Never | |
| | | | - 1 | Not stated | |
| | | | - 3 | Proxy | |
| PA5 | Last time of a faecal occult blood test | last 3 years | 1 | Within the past 12 months | Everybody |
| | | | 2 | 1 to less than 2 years | |
| | | | 3 | 2 to less than 3 years | |
| | | | 4 | 3 years or more | |
| | | | 5 | Never | |
| | | | - 1 | Not stated | |
| | | | - 3 | Proxy | |
| PA6 | Last time of a colonoscopy | last 10 years | 1 | Within the past 12 months | Everybody |
| | | | 2 | 1 to less than 5 years | |
| | | | 3 | 5 to less than 10 years | |
| | | | 4 | 10 years or more | |
| | | | 5 | Never | |
| | | | - 1 | Not stated | |
| | | | - 3 | Proxy | |

| Variable identifier | Variable name | Reference period | Modality code | Modality label | Filter |
|---------------------|---|------------------|---------------|---------------------------|------------|
| PA7 | Last time of a mammography (breast X-ray) | last 3 years | 1 | Within the past 12 months | if SEX = 2 |
| | | | 2 | 1 to less than 2 years | |
| | | | 3 | 2 to less than 3 years | |
| | | | 4 | 3 years or more | |
| | | | 5 | Never | |
| | | | - 1 | Not stated | |
| | | | - 2 | Not applicable | |
| | | | - 3 | Proxy | |
| PA8 | Last time of a cervical smear test | last 3 years | 1 | Within the past 12 months | if SEX = 2 |
| | | | 2 | 1 to less than 2 years | |
| | | | 3 | 2 to less than 3 years | |
| | | | 4 | 3 years or more | |
| | | | 5 | Never | |
| | | | - 1 | Not stated | |
| | | | - 2 | Not applicable | |
| | | | - 3 | Proxy | |

Detailed topic: ACCESS TO HEALTHCARE

| | | | | | |
|------|---|----------------|-----|------------------------|-----------|
| UN1A | Unmet need for healthcare in the past 12 months due to long waiting list(s) | last 12 months | 1 | Yes | Everybody |
| | | | 2 | No | |
| | | | 3 | No need for healthcare | |
| | | | - 1 | Not stated | |
| | | | - 3 | Proxy | |

| Variable identifier | Variable name | Reference period | Modality code | Modality label | Filter |
|---------------------|--|------------------|---------------|---|-------------|
| UN2A | Unmet need for mental healthcare | last 12 months | 1 | Yes, there was at least one occasion when the respondent really needed mental healthcare but did not receive it | Everybody |
| | | | 2 | No, there was no occasion when the person respondent really needed mental healthcare but did not receive it | |
| | | | 3 | No need for mental healthcare | |
| | | | - 1 | Not stated | |
| | | | - 3 | Proxy | |
| UN2B | Main reason for unmet need for mental healthcare | last 12 months | 1 | Could not afford to (too expensive) | if UN2A = 1 |
| | | | 2 | Waiting list (long wait times) | |
| | | | 3 | Could not take time because of work, care for children or for others | |
| | | | 4 | Too far to travel/no means of transportation | |
| | | | 5 | Having concerns about confidentiality and trust | |
| | | | 6 | Being afraid of negative reaction or comments from family, friends or colleagues | |
| | | | 7 | Fear about the consultation or treatment (for instance, fear of negative outcome or fear of side effects of medication) | |
| | | | 8 | Not knowing where to seek help | |
| | | | 9 | Other reasons | |
| | | | - 1 | Not stated | |
| | | | - 2 | Not applicable | |
| | | | - 3 | Proxy | |

| Variable identifier | Variable name | Reference period | Modality code | Modality label | Filter |
|--|---|------------------|---------------|---|-----------|
| Detailed topic: HEIGHT AND WEIGHT | | | | | |
| BM1 | Height without shoes | current | 50 – 250 | Number | Everybody |
| | | | - 1 | Not stated | |
| BM2 | Weight without clothes and shoes | current | 20 – 350 | Number | Everybody |
| | | | - 1 | Not stated | |
| Detailed topic: PHYSICAL ACTIVITY | | | | | |
| PE1 | Physical effort of working tasks (both paid and unpaid work activities included) | current | 1 | Mostly sitting or standing | Everybody |
| | | | 2 | Mostly walking or tasks of moderate physical effort | |
| | | | 3 | Mostly heavy labour or physically demanding work | |
| | | | 4 | Not performing any working tasks | |
| | | | - 1 | Not stated | |
| | | | - 3 | Proxy | |
| PE2 | Number of days in a typical week walking to get to and from places at least 10 minutes continuously | current | 1 – 7 | Number | Everybody |
| | | | 0 | I never carry out such physical activities | |
| | | | - 1 | Not stated | |
| | | | - 3 | Proxy | |

| Variable identifier | Variable name | Reference period | Modality code | Modality label | Filter |
|---------------------|---|------------------|---------------|--|------------|
| PE3 | Time spent on walking to get to and from places on a typical day | current | 1 | 10-29 minutes per day | if PE2 ≠ 0 |
| | | | 2 | 30-59 minutes per day | |
| | | | 3 | 1 hour to less than 2 hours per day | |
| | | | 4 | 2 hours to less than 3 hours per day | |
| | | | 5 | 3 hours or more per day | |
| | | | - 1 | Not stated | |
| | | | - 2 | Not applicable | |
| | | | - 3 | Proxy | |
| PE4 | Number of days in a typical week bicycling to get to and from places at least 10 minutes continuously | current | 1 – 7 | Number | Everybody |
| | | | 0 | I never carry out such physical activities | |
| | | | - 1 | Not stated | |
| | | | - 3 | Proxy | |
| PE5 | Time spent on bicycling to get to and from places on a typical day | current | 1 | 10-29 minutes per day | if PE4 ≠ 0 |
| | | | 2 | 30-59 minutes per day | |
| | | | 3 | 1 hour to less than 2 hours per day | |
| | | | 4 | 2 hours to less than 3 hours per day | |
| | | | 5 | 3 hours or more per day | |
| | | | - 1 | Not stated | |
| | | | - 2 | Not applicable | |
| | | | - 3 | Proxy | |

| Variable identifier | Variable name | Reference period | Modality code | Modality label | Filter |
|---------------------|---|------------------|---------------|--|------------|
| PE6 | Number of days in a typical week doing sports, fitness or recreational (leisure) physical activities that cause at least a small increase in breathing or heart rate for at least 10 minutes continuously | current | 1 – 7 | Number | Everybody |
| | | | 0 | I never carry out such physical activities | |
| | | | - 1 | Not stated | |
| | | | - 3 | Proxy | |
| PE7 | Time spent on doing sports, fitness or recreational (leisure) physical activities in a typical week | current | HH:MM:00 | Number of hours and minutes | if PE6 ≠ 0 |
| | | | - 1 | Not stated | |
| | | | - 2 | Not applicable | |
| | | | - 3 | Proxy | |
| PE8 | Number of days in a typical week doing muscle-strengthening activities | current | 1 – 7 | Number | Everybody |
| | | | 0 | I never carry out such physical activities | |
| | | | - 1 | Not stated | |
| | | | - 3 | Proxy | |
| PE9 | Time spent sitting on a typical day | current | HH:MM:00 | Number of hours and minutes | Everybody |
| | | | - 1 | Not stated | |
| | | | - 3 | Proxy | |

| Variable identifier | Variable name | Reference period | Modality code | Modality label | Filter |
|---|---|------------------|---------------|-----------------------|------------|
| Detailed topic: NUTRITIONAL HABITS | | | | | |
| DH1 | Frequency of eating fruit, excluding juice | current | 1 | Once or more a day | Everybody |
| | | | 2 | 4 to 6 times a week | |
| | | | 3 | 1 to 3 times a week | |
| | | | 4 | Less than once a week | |
| | | | 5 | Never | |
| | | | - 1 | Not stated | |
| | | | - 3 | Proxy | |
| DH2 | Number of portions of fruit a day, excluding juice | current | 1 – 99 | Number | if DH1 = 1 |
| | | | - 1 | Not stated | |
| | | | - 2 | Not applicable | |
| | | | - 3 | Proxy | |
| DH3 | Frequency of eating vegetables or salad, excluding juice and potatoes | current | 1 | Once or more a day | Everybody |
| | | | 2 | 4 to 6 times a week | |
| | | | 3 | 1 to 3 times a week | |
| | | | 4 | Less than once a week | |
| | | | 5 | Never | |
| | | | - 1 | Not stated | |
| | | | - 3 | Proxy | |

| Variable identifier | Variable name | Reference period | Modality code | Modality label | Filter |
|---------------------|---|------------------|---------------|-----------------------|------------|
| DH4 | Number of portions of vegetables or salad, excluding juice and potatoes a day | current | 1 – 99 | Number | if DH3 = 1 |
| | | | - 1 | Not stated | |
| | | | - 2 | Not applicable | |
| | | | - 3 | Proxy | |
| DH5 | Frequency of drinking pure fruit or vegetable juice | current | 1 | Once or more a day | Everybody |
| | | | 2 | 4 to 6 times a week | |
| | | | 3 | 1 to 3 times a week | |
| | | | 4 | Less than once a week | |
| | | | 5 | Never | |
| | | | - 1 | Not stated | |
| | | | - 3 | Proxy | |
| DH6 | Frequency of drinking sugar-sweetened soft drinks | current | 1 | Once or more a day | Everybody |
| | | | 2 | 4 to 6 times a week | |
| | | | 3 | 1 to 3 times a week | |
| | | | 4 | Less than once a week | |
| | | | 5 | Never | |
| | | | - 1 | Not stated | |
| | | | - 3 | Proxy | |

| Variable identifier | Variable name | Reference period | Modality code | Modality label | Filter |
|--------------------------------|---|------------------|---------------|-----------------------|-----------|
| DH7 | Frequency of eating red meat | current | 1 | Once or more a day | Everybody |
| | | | 2 | 4 to 6 times a week | |
| | | | 3 | 1 to 3 times a week | |
| | | | 4 | Less than once a week | |
| | | | 5 | Never | |
| | | | - 1 | Not stated | |
| | | | - 3 | Proxy | |
| DH8 | Frequency of eating processed meat products | current | 1 | Once or more a day | Everybody |
| | | | 2 | 4 to 6 times a week | |
| | | | 3 | 1 to 3 times a week | |
| | | | 4 | Less than once a week | |
| | | | 5 | Never | |
| | | | - 1 | Not stated | |
| | | | - 3 | Proxy | |
| Detailed topic: SMOKING | | | | | |
| SK1 | Type of tobacco smoking behaviour | current | 1 | Daily smoking | Everybody |
| | | | 2 | Occasional smoking | |
| | | | 3 | No smoking | |
| | | | - 1 | Not stated | |

| Variable identifier | Variable name | Reference period | Modality code | Modality label | Filter |
|---------------------|--|------------------|---------------|-------------------------------------|--|
| SK2 | Average number of cigarettes a day | current | 0 – 99 | Number | if SK1 = 1 |
| | | | - 1 | Not stated | |
| | | | - 2 | Not applicable | |
| SK3 | Former daily tobacco smoking | current | 1 | Yes | if SK1 = 2, 3 or -1 |
| | | | 2 | No | |
| | | | - 1 | Not stated | |
| | | | - 2 | Not applicable | |
| SK4 | Number of years of daily tobacco smoking | current | 0 – 99 | Number | if SK1 = 1 or (SK1 = 2, 3 or -1 and SK3 = 1) |
| | | | - 1 | Not stated | |
| | | | - 2 | Not applicable | |
| SK5 | Frequency of exposure to tobacco smoke indoors | current | 1 | Every day, 1 hour or more a day | Everybody |
| | | | 2 | Every day, less than 1 hour per day | |
| | | | 3 | At least once a week | |
| | | | 4 | Less than once a week | |
| | | | 5 | Never or almost never | |
| | | | - 1 | Not stated | |
| | | | - 3 | Proxy | |
| SK6A | Type of heated tobacco products use behaviour | current | 1 | Daily use | Everybody |
| | | | 2 | Occasional use | |
| | | | 3 | Former user | |
| | | | 4 | Never | |
| | | | - 1 | Not stated | |

| Variable identifier | Variable name | Reference period | Modality code | Modality label | Filter |
|---------------------|---|------------------|---------------|-------------------|-----------|
| SK6B | Type of electronic cigarettes or similar electronic devices behaviour | current | 1 | Daily vaping | Everybody |
| | | | 2 | Occasional vaping | |
| | | | 3 | Former vaping | |
| | | | 4 | Never vaping | |
| | | | - 1 | Not stated | |

Detailed topic: ALCOHOL CONSUMPTION

| | | | | | |
|-----|---|----------------|-----|---|-----------|
| AL1 | Frequency of consumption of an alcoholic drink of any kind (beer, wine, cider, spirits, cocktails, premixes, liqueurs, homemade alcohol...) in the past 12 months | last 12 months | 1 | Every day or almost | Everybody |
| | | | 2 | 5-6 days a week | |
| | | | 3 | 3-4 days a week | |
| | | | 4 | 1-2 days a week | |
| | | | 5 | 2-3 days in a month | |
| | | | 6 | Once a month | |
| | | | 7 | Less than once a month | |
| | | | 8 | Not in the past 12 months, as I no longer drink alcohol | |
| | | | 9 | Never, or only a few sips or tries, in my whole life | |
| | | | - 1 | Not stated | |
| - 3 | Proxy | | | | |

| Variable identifier | Variable name | Reference period | Modality code | Modality label | Filter |
|---------------------|---|------------------|---------------|-------------------------|--|
| AL2 | Frequency of consumption of an alcoholic drink from Monday to Thursday | current | 1 | On all 4 days | if AL1 = 1, 2, 3 or 4 |
| | | | 2 | On 3 of the 4 days | |
| | | | 3 | On 2 of the 4 days | |
| | | | 4 | On 1 of the 4 days | |
| | | | 5 | On none of the 4 days | |
| | | | - 1 | Not stated | |
| | | | - 2 | Not applicable | |
| | | | - 3 | Proxy | |
| AL3 | Number of alcoholic (standard) drinks on average on one of the days from Monday to Thursday | current | 1 | 16 or more drinks a day | if (AL1 = 1, 2, 3 or 4) and (AL2 = 1, 2, 3 or 4) |
| | | | 2 | 10-15 drinks a day | |
| | | | 3 | 6-9 drinks a day | |
| | | | 4 | 4-5 drinks a day | |
| | | | 5 | 3 drinks a day | |
| | | | 6 | 2 drinks a day | |
| | | | 7 | 1 drink a day | |
| | | | 8 | 0 drink a day | |
| | | | - 1 | Not stated | |
| | | | - 2 | Not applicable | |
| | | | - 3 | Proxy | |

| Variable identifier | Variable name | Reference period | Modality code | Modality label | Filter |
|---------------------|---|------------------|---------------|-------------------------|--|
| AL4 | Frequency of consumption of an alcoholic drink from Friday to Sunday | current | 1 | On all 3 days | if AL1 = 1, 2, 3 or 4 |
| | | | 2 | On 2 of the 3 days | |
| | | | 3 | On 1 of the 3 days | |
| | | | 4 | On none of the 3 days | |
| | | | - 1 | Not stated | |
| | | | - 2 | Not applicable | |
| | | | - 3 | Proxy | |
| AL5 | Number of alcoholic (standard) drinks on average on one of the days from Friday to Sunday | current | 1 | 16 or more drinks a day | if (AL1 = 1, 2, 3 or 4) and (AL4 = 1, 2, or 3) |
| | | | 2 | 10-15 drinks a day | |
| | | | 3 | 6-9 drinks a day | |
| | | | 4 | 4-5 drinks a day | |
| | | | 5 | 3 drinks a day | |
| | | | 6 | 2 drinks a day | |
| | | | 7 | 1 drink a day | |
| | | | 8 | 0 drink a day | |
| | | | - 1 | Not stated | |
| | | | - 2 | Not applicable | |
| | | | - 3 | Proxy | |

| Variable identifier | Variable name | Reference period | Modality code | Modality label | Filter |
|---------------------|---|------------------|---------------|---------------------------|--------------------------------|
| AL6 | Frequency of risky single-occasion drinking (equivalent of 60g of pure ethanol or more) during the past 12 months | last 12 months | 1 | Every day or almost | if AL1 = 1, 2, 3, 4, 5, 6 or 7 |
| | | | 2 | 5-6 days a week | |
| | | | 3 | 3-4 days a week | |
| | | | 4 | 1-2 days a week | |
| | | | 5 | 2-3 days in a month | |
| | | | 6 | Once a month | |
| | | | 7 | Less than once a month | |
| | | | 8 | Not in the past 12 months | |
| | | | 9 | Never in my whole life | |
| | | | - 1 | Not stated | |
| | | | - 2 | Not applicable | |
| | | | - 3 | Proxy | |

Detailed topic: SOCIAL AND ENVIRONMENTAL FACTORS

| | | | | | |
|-----|---|---------|-----|------------|-----------|
| SS1 | Number of close people to count on in case of serious personal problems | current | 1 | None | Everybody |
| | | | 2 | 1 or 2 | |
| | | | 3 | 3 to 5 | |
| | | | 4 | 6 or more | |
| | | | - 1 | Not stated | |
| | | | - 3 | Proxy | |

| Variable identifier | Variable name | Reference period | Modality code | Modality label | Filter |
|---------------------|--|------------------|---------------|--|-----------|
| SS2 | Degree of concern shown by other people in what the respondent is doing | current | 1 | A lot of concern and interest | Everybody |
| | | | 2 | Some concern and interest | |
| | | | 3 | Uncertain | |
| | | | 4 | Little concern and interest | |
| | | | 5 | No concern and interest | |
| | | | - 1 | Not stated | |
| | | | - 3 | Proxy | |
| SS3 | How easy is it to get practical help from neighbours in case of need | current | 1 | Very easy | Everybody |
| | | | 2 | Easy | |
| | | | 3 | Possible | |
| | | | 4 | Difficult | |
| | | | 5 | Very difficult | |
| | | | - 1 | Not stated | |
| | | | - 3 | Proxy | |
| IC12 | Providing care or assistance to one or more persons suffering from any chronic health condition or infirmity or due to old age, at least once a week | current | 1 | Yes, to a member(s) of respondent's family | Everybody |
| | | | 2 | Yes, to a non-member(s) of respondent's family | |
| | | | 3 | No | |
| | | | - 1 | Not stated | |
| | | | - 3 | Proxy | |

| Variable identifier | Variable name | Reference period | Modality code | Modality label | Filter |
|---------------------|--|------------------|---------------|---|------------------|
| IC3 | Number of hours per week the respondent provides care or assistance to the person(s) suffering from any chronic condition or infirmity or due to old age | current | 1 | Less than 5 hours per week | if IC12 = 1 or 2 |
| | | | 2 | 5 hours to less than 10 hours per week | |
| | | | 3 | 10 hours to less than 20 hours per week | |
| | | | 4 | 20 hours to less than 30 hours per week | |
| | | | 5 | 30 hours to less than 40 hours per week | |
| | | | 6 | 40 hours per week or more | |
| | | | - 1 | Not stated | |
| | | | - 2 | Not applicable | |
| | | | - 3 | Proxy | |

Detailed topic: SUICIDE (OPTIONAL)

| | | | | | |
|-----|--|----------------|-----|------------------------------------|-----------|
| SU1 | Having had thoughts about committing suicide | last 12 months | 1 | Yes | Everybody |
| | | | 2 | No | |
| | | | - 1 | Not stated | |
| | | | - 3 | Proxy | |
| SU2 | Having ever made a suicide attempt | lifetime | 1 | Yes, in the past 12 months | Everybody |
| | | | 2 | Yes, but not in the past 12 months | |
| | | | 3 | No | |
| | | | - 1 | Not stated | |
| | | | - 3 | Proxy | |

ANNEX III

NATIONAL TERRITORIES THAT ARE EXCLUDED FROM THE SAMPLE

| Country | National territories |
|-------------|--|
| France | French Overseas Departments and Territories |
| Cyprus | The non-government-controlled area |
| Netherlands | Caribbean Islands (Bonaire, St. Eustatius and Saba) |
| Ireland | All offshore islands with the exception of Achill, Bull, Cruit, Gorumna, Inishnee, Lettermore, Lettermullan and Valentia |

ANNEX IV

**VARIABLES FOR WHICH PROXY ANSWERS ARE NOT TO BE USED BY EUROSTAT FOR
INDICATORS COMPUTATION**

| | |
|------|---|
| HS1 | Self-perceived general health |
| CD2 | Self-perceived general oral health |
| PN1 | Intensity of bodily pain during the past 4 weeks |
| PN2 | Extent that pain interfered with normal work during the past 4 weeks (including both work outside the home and housework) |
| MH1A | Extent of having little interest or pleasure in doing things over the last 2 weeks |
| MH1B | Extent of feeling down, depressed or hopeless over the last 2 weeks |
| MH1C | Extent of having trouble falling or staying asleep, or sleeping too much over the last 2 weeks |
| MH1D | Extent of feeling tired or having little energy over the last 2 weeks |
| MH1E | Extent of having poor appetite or overeating over the last 2 weeks |
| MH1F | Extent of subject feeling negative about themselves, or feeling that they are a failure or have let themselves or their family down, over the last 2 weeks |
| MH1G | Extent of having trouble concentrating on things, such as reading the newspaper or watching television, over the last 2 weeks |
| MH1H | Extent of moving or speaking so slowly that other people may have noticed; or being so fidgety or restless that they have been moving around a lot more than usual, over the last 2 weeks |
| MH2A | Feeling cheerful and in good spirits over the last 2 weeks |
| MH2B | Feeling calm and relaxed over the last 2 weeks |
| MH2C | Feeling active and vigorous over the last 2 weeks |
| MH2D | Waking up feeling fresh and rested over the last 2 weeks |
| MH2E | Feeling that daily life has been filled with things that interest over the last 2 weeks |
| PA1 | Last time of vaccination against flu |
| PA2 | Last time of blood pressure measurement by a health professional |
| PA3 | Last time of blood cholesterol measurement by a health professional |
| PA4 | Last time of blood sugar measurement by a health professional |
| PA5 | Last time of a faecal occult blood test |
| PA6 | Last time of a colonoscopy |
| PA7 | Last time of a mammography (breast X-ray) |
| PA8 | Last time of a cervical smear test |
| UN1A | Unmet need for healthcare in the past 12 months due to long waiting list(s) |
| UN2A | Unmet need for mental healthcare |
| UN2B | Main reason for unmet need for mental healthcare |

| | |
|------|---|
| PE1 | Physical effort of working tasks (both paid and unpaid work activities included) |
| PE2 | Number of days in a typical week walking to get to and from places at least 10 minutes continuously |
| PE3 | Time spent on walking to get to and from places on a typical day |
| PE4 | Number of days in a typical week bicycling to get to and from places at least 10 minutes continuously |
| PE5 | Time spent on bicycling to get to and from places on a typical day |
| PE6 | Number of days in a typical week doing sports, fitness or recreational (leisure) physical activities that cause at least a small increase in breathing or heart rate for at least 10 minutes continuously |
| PE7 | Time spent on doing sports, fitness or recreational (leisure) physical activities in a typical week |
| PE8 | Number of days in a typical week doing muscle-strengthening activities |
| PE9 | Time spent sitting on a typical day |
| DH1 | Frequency of eating fruit, excluding juice |
| DH2 | Number of portions of fruit a day, excluding juice |
| DH3 | Frequency of eating vegetables or salad, excluding juice and potatoes |
| DH4 | Number of portions of vegetables or salad, excluding juice and potatoes a day |
| DH5 | Frequency of drinking pure fruit or vegetable juice |
| DH6 | Frequency of drinking sugar-sweetened soft drinks |
| DH7 | Frequency of eating red meat |
| DH8 | Frequency of eating processed meat products |
| SK5 | Frequency of exposure to tobacco smoke indoors |
| AL1 | Frequency of consumption of an alcoholic drink of any kind (beer, wine, cider, spirits, cocktails, premixes, liqueurs, homemade alcohol...) in the past 12 months |
| AL2 | Frequency of consumption of an alcoholic drink from Monday to Thursday |
| AL3 | Number of alcoholic (standard) drinks on average on one of the days from Monday to Thursday |
| AL4 | Frequency of consumption of an alcoholic drink from Friday to Sunday |
| AL5 | Number of alcoholic (standard) drinks on average on one of the days from Friday to Sunday |
| AL6 | Frequency of risky single-occasion drinking (equivalent of 60 g of pure ethanol or more) during the past 12 months |
| SS1 | Number of close people to count on in case of serious personal problems |
| SS2 | Degree of concern shown by other people in what the respondent is doing |
| SS3 | How easy is it to get practical help from neighbours in case of need |
| IC12 | Prevailing relationship of the person(s) suffering from any chronic condition or infirmity or due to old age being provided with care or assistance at least once a week from the respondent |
| IC3 | Number of hours per week the respondent provides care or assistance to the person(s) suffering from any chronic condition or infirmity or due to old age |

ANNEX V

**KEY VARIABLES FOR WHICH METHODS OF STATISTICAL IMPUTATION ARE TO BE APPLIED
WHEN NON-RESPONSE EXCEEDS 5 %**

| | |
|----------|--|
| MAINSTAT | Main activity status (self-defined) |
| HATLEVEL | Educational attainment level (highest level of education successfully completed) |
| HHINCOME | Net current monthly household income |
| HS3 | Limitation in activities because of health problems |

ANNEX VI

DETAILED ARRANGEMENTS AND CONTENT OF QUALITY REPORTS

METADATA UPDATE

The date on which the metadata element was inserted or modified in the database.

STATISTICAL PRESENTATION

(1) **Data description**

Title of the survey at national level, year of the survey, link to the survey website.

(2) **Classification systems**

The version of the classification used in the data, and any deviations from European statistical standards or international standards.

(3) **Statistical concepts and definitions**

List of concepts and variables, including answer categories, that deviate from the standard definitions, mentioning the national concepts used and any differences between the national concepts and the respective standard definitions.

UNIT OF MEASURE

The unit in which the data values are measured.

REFERENCE PERIOD

The period of time to which the measured observation is intended to refer.

INSTITUTIONAL MANDATE

Law, set of rules or other formal set of instructions assigning an organisation responsibility and authority for collecting, processing, and disseminating statistics.

RELEASE POLICY

Rules for disseminating statistical data to all interested parties.

FREQUENCY OF DISSEMINATION

The time interval at which the statistics are disseminated over a given time period.

STATISTICAL PROCESSING

(1) **Source data**

Description of the data source used for building the sampling frame (for example population register, dwelling register, population census and another survey), frequency of update and year of last update of the data source, and method used for obtaining or creating the sampling frame. Where another survey has been used as a data source, the name of the survey is indicated.

Regarding sample design:

- methods for sample design (for example, simple random sampling; systematic sampling; stratified sampling; cluster sampling, multiple stage sampling, combination of designs). If Member States use stratified sampling, the stratification and sub-stratification criteria are reported. If Member States use multiple stage sampling, the different stages and the corresponding probabilities (equal, unequal, proportional to size) are described. If Member States use a combination of designs, the designs used are described;
- sample size.

(2) Data collection

Description of methods used to conduct the interview including PAPI, CATI, CAPI, CASI, CAWI ⁽¹⁾, mixed mode, and/or other sources such as registers and other surveys. The variables collected based on other sources are listed.

(3) Data compilation

Each step of weighting is described separately: design weights; weight adjustments for non-response, weight adjustments applied to external data sources such as calibration techniques used and level and variables used for the adjustment, any other weight adjustments for example trimming, top (bottom)-coding of the weight distribution to adjust for outliers, final weights.

Where imputation is used, any imputed variables are listed, the imputation procedure used is described and the reasons for imputation are explained. The number of imputed values as a percentage of the total number of observations is reported.

ACCURACY AND RELIABILITY

(1) Sampling error

Precision requirements are expressed in standard errors for the indicator set out in the third paragraph below, point (c).

Countries describe the methodology for calculating the precision estimates.

For the following indicators, the number of respondents (unweighted), the estimated proportion (weighted), the standard errors, the 95 % confidence interval (lower and upper limit), and the design effect (if applicable/available) are reported at national level:

- (a) respondents aged 15 years and over in good or very good health (based on variable HS1);
- (b) respondents aged 15 years and over with long-standing illness or health problem (based on variable HS2);
- (c) respondents aged 15 years and over who were severely limited in activities people usually do because of health problems for at least the past 6 months (based on variable HS3);
- (d) respondents aged 15 years and over having been hospitalised in the past 12 months (based on variable HO12);
- (e) respondents aged 18 years and over who are obese (based on variable BM1 and BM2).

(2) Non-sampling error**(a) Measurement error**

The different sources of measurement errors likely to be found in the survey are described and include:

- description and testing of the questionnaire;
- description of interview training, for example number of training days, skills testing before starting the fieldwork (rate of success, etc.);
- information on studies to check the impact of the interviewer, such as re-interviews, record check studies, or split-sample experiments (if available), and results from models (if available).

(b) Non-response error*Unit non-response*

- Member States compute, total and for each mode of data collection, non-response rates.
- For those Member States where controlled substitutions are made in case of unit non-response, non-response rates are calculated before and after substitution.

⁽¹⁾ PAPI – Traditional paper-and-pencil personal interview; CATI – telephone interview; CAPI – computer-assisted personal interview; CASI – self-completed computer-based interview; CAWI – computer assisted web interview.

- Breakdowns of non-respondents by characteristics and reasons for non-response as far as available.
- Description of any measures taken to correct for non-response.
- If controlled substitutions are applied in cases of unit non-response pursuant to Article 6, substitution rates are provided as well as a description of the method of selection of substitutes, main characteristics of substituted units compared to the original units, distribution of substituted (original) units by number of attempts for contact, interview acceptance, and questionnaire result.
- Number of units successfully contacted before and after substitution.
- Number of responding units before and after substitution.
- Gross sample size, number of eligible and ineligible units, net sample size, including substitution units (achieved sample size) needs to be provided.

Item non-response

For the health variables listed in the metadata template under this topic, the following information is provided:

- the percentage of persons with a valid answer (excluding missing values) for each variable;
- the percentage of persons with *missing* values (unweighted and before imputation) for each variable.

(c) **Processing error**

Information to be provided about any errors in processing and their impact on the final data collection results arising from faulty implementation of correctly planned implementation methods. An account is given of the main errors detected in the post-data-collection process.

Description of the quality checks such as data entry controls and coding controls and the data editing process.

Imputation procedures are described. Information to be provided on the imputation rate calculated as the share of observations imputed (for each variable) out of the total number of observations.

DATA REVISION

(1) **Data revision – policy**

Information is provided about any policy designed to ensure the transparency of disseminated data, whereby the preliminary data compiled are subsequently revised. Revision of data is reported.

(2) **Data revision – practice**

Schedule for revisions.

Main reasons for revisions and their nature such as new source data available and new methods.

Impact of revisions on indicators.
