EHIS wave 3 variables: ANONYMISATION RULES

TECHNICAL SURVEY VARIABLES

Variable name	Description	Answer categories and codes	Filter	Anonymisation rule
PID	Identification number of respondent	10-digit number	Everybody	unaltered
HHID	Identification number of household	10-digit number − 1 missing	Everybody	unaltered
PRIMSTRAT	Primary strata as used in the selection of the sample	0001 – 9999 − 2 not applicable (no stratification)	Everybody	removed
SU	Primary sampling units as used in the selection of the sample	0001 – 9999 − 2 not applicable (no multistage sampling)	Everybody	removed
WGT	Final individual weight	Number 5.3	Everybody	unaltered
WGT_SPEC	Final special individual weight	Number 5.3 -1 Not stated	Everybody	unaltered
PROXY	Was the selected person interviewed or someone else (proxy interview)	1 Person himself/herself 2 Other member of the household 3 Someone else outside the household	Everybody	unaltered
REFDATE	Reference date of the interview	8 digits (YYYYMMDD)	Everybody	Only YYYYMM kept (DD removed) Country-specific rule for: • ES: REFDATE removed • MT and IE: 5th and 6th digits of REFDATE changed to represent quarters (01, 02, 03, 04)

Variable name	Description	Answer categories and codes	Filter	Anonymisation rule
INTMETHOD	Data collection method used	10 Self-administred, postal non-electronic version 11 Self-administred, postal electronic version (e-mail) 12 Self-administred, web questionnaire 20 Face-to-face, non-electronic version 21 Face-to-face, electronic version 30 Telephone interview, non-electronic version 31 Telephone interview, electronic version 40 Web personal interview 50 Mixed mode collection	Everybody	unaltered Country-specific rule for: • PT: INTMETHOD removed
INTLANG	Language used for interview	3-digit codes (Standard Code List Eurostat) – 1 Not stated	Everybody	removed

CORE SOCIAL VARIABLES

Variable name	Description	Answer categories and codes	Filter	Anonymisation rule
SEX	Sex of respondent	1 Male 2 Female	Everybody	unaltered
AGE[1]	Age of respondent in completed years at the time of the interview	digit number	Everybody	5 years age groups with top coding (85 and more): 15-17, 18-19, 20-24, …, 85+ Country specific rule for: • MT and IS: first age group is 15-19 • MT and IS: top coding is 75 or more • SK and NO: top coding is 80 or more
COUNTRY	Country of residence	Country code (SCL GEO code) Not stated	Everybody	unaltered
REGION	Region of residence	Coding according to NUTS at 2-digit level – 1 Not stated	Everybody	unaltered for BE, BG, CZ, DK, DE, EE, IE, ES, HR, HU, IT, LT, AT, PL, PT, SI, SK, FI, SE, RS and removed for all other countries

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[1] Computed on the basis of the variables YEARBIRTH and PASSBIRTH

Variable name	Description	Answer categories and codes	Filter	Anonymisation rule
DEG_URB	Degree of urbanisation	1 Cities 2 Towns and suburbs 3 Rural areas − 1 Not stated	Everybody	unaltered
BIRTHPLACE	Country of birth	Country code (SCL GEO code) − 1 Not stated	Everybody	Regrouped as follows: 10 Native-born 21 Born in another EU Member State 22 Born in a non-EU country − 1 Not stated Country-specific rule: • MT, IS and NO: codes 21 and 22 grouped together as code 21
CITIZEN	Country of main citizenship	Country code (SCL GEO code) ZZ Stateless − 1 Not stated	Everybody	Regrouped as follows: 10 National/has citizenship of the reporting country 21 Non-national/does not have citizenship of the reporting country but national of other EU Member States 22 Non-national/does not have citizenship of the reporting country but non-EU country nationality − 1 Not stated Country-specific rule: • LV, MT, IS and NO: codes 21 and 22 grouped together as code 21
BIRTHPLACEFATH	Country of birth of father	Country code (SCL GEO code) − 1 Not stated	Everybody	Regrouped as follows: 10 Native-born 21 Born in another EU Member State 22 Born in a non-EU country − 1 Not stated Country-specific rule: • MT, IS and NO: codes 21 and 22 grouped together as code 21
BIRTHPLACEMOTH	Country of birth of mother	Country code (SCL GEO code) − 1 Not stated	Everybody	Regrouped as follows: 10 Native-born 21 Born in another EU Member State

Variable name	Description	Answer categories and codes	Filter	Anonymisation rule
				22 Born in a non-EU country – 1 Not stated Country-specific rule: • MT, IS and NO: codes 21 and 22 grouped together as code 21
HATLEVEL	Educational attainment level (highest level of education completed)	Based on ISCED classification 0 No formal education or below ISCED 1 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	Everybody	unaltered Country-specific rule for: • MT and IS: the following adaptations were done: › ISCED 0, 1 and 2 are grouped into one category (code 1) › ISCED 3 and 4 are grouped into one category (code 2) › ISCED 5, 6, 7 and 8 are grouped into one category (code 3)
MAINSTAT	Self-declared labour status	10 Employed 20 Unemployed 30 Retired 40 Unable to work due to longstanding health problems 50 Student, pupil 60 Fulfilling domestic tasks 70 Compulsory military or civilian service 80 Other – 1 Not stated	Everybody	unaltered Country-specific rule for MT: codes 40, 50, 60, 70 and 80 are put together into the category 'Other' (code 80) IT: code 40 is put together into the category 'Other' (code 80)
FT_PT	Full or part-time work main job (self-defined)	1 Full-time job 2 Part-time job – 1 Not stated – 2 not applicable	MAINSTAT = 10	unaltered

Variable name	Description	Answer categories and codes	Filter	Anonymisation rule
JOBSTAT	Status in employment in main job	11 Self-employed person with employees 12 Self-employed person without employees 20 Employee 30 Family worker (unpaid) − 1 Not stated − 2 not applicable	MAINSTAT = 10	unaltered Country-specific rule for: • PT: 10 - Self-employed (11+12) 20 - Employee incl. family workers (20+30)
JOBISCO	Occupation in main job	ISCO-08 coded at 2-digit level − 1 Not stated − 2 not applicable	MAINSTAT = 10	kept with 1 digit
LOCNACE	Economic activity of the local unit for main job (economic sector)	NACE Rev. 2 at 1-digit level − 1 Not stated − 2 not applicable	MAINSTAT = 10	Regrouped in 9 sectors groups: 1. Agriculture, forestry and fishing (NACE code A) 2. Manufacturing, mining and quarrying and other industry (NACE codes B, C, D and E) 3. Construction (NACE code F) 4. Wholesale and retail trades, transport, information and communication, accommodation and food service activities (NACE codes G, H, I and J) 5. Financial and insurance activities (NACE code K) 6. Business services and real estate activities (NACE codes L, M and N) 7. Public administration, defence, education, human health and social work activities (NACE codes O, P, and Q) 8. Other services - NACE codes R, S, T and U -1. Unknown sector **Country-specific rule:** • **MT**: codes 1, 2 and 3 regrouped together as code 1 **PT**: Regrouped in 13 sectors groups: 1 Agriculture, forestry and fishing (NACE code A) 2 Manufacturing, mining and quarrying and other industry (NACE codes B, C, D and E) 3 Construction (NACE code F) 4 Wholesale and retail trades (NACE code G) 5 Transport (NACE code H) 6 Accommodation and food service activities (NACE code I) 7 Information and communication (NACE code J)

Variable name	Description	Answer categories and codes	Filter	Anonymisation rule
				8 Financial and insurance activities (NACE code K) 9 Business services and real estate activities (NACE codes L, M and N) 10 Public administration, defence (NACE code O) 11 Education (NACE code P) 12 Human health and social work activities (NACE code Q) 13 Other services (NACE codes R, S, T and U)
PARTNERS	Partners living in the same household	1 Person living with a legal or de facto partner 2 Person not living with a legal or de facto partner − 1 Not stated − 2 Not applicable	Everybody	unaltered
MARSTALEGAL	Legal marital status	1 Never married and never been in a registered partnership 2 Married or in a registered partnership 3 Widowed or in registered partnership that ended with death of partner (not remarried or in new registered partnership) 4 Divorced or in registered partnership that was legally dissolved (not remarried or in new registered partnership) − 1 Not stated	Everybody	unaltered
HHNBPERS	Household size	Number of member of the household 1 – 98 − 1 Not stated	Everybody	top coding (7 or more) Country-specific rule: • MT and IS: top coding is 6 or more

Variable name	Description	Answer categories and codes	Filter	Anonymisation rule
HHNBPERS_0_13	Number of persons aged 13 or younger	0 – 98 – 1 Not stated	Everybody	top coding (3 or more) Country-specific rule: • MT, SK, IS and NO: top coding is 2 or more
HHTYPE	Type of household	10 One-person household 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 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	Everybody	Regrouped answer categories: 1. One-person household (code 10) 2. Lone parent with at least one child aged less than 25 (code 21) 3. Couple without any children (code 31) 4. Couple with at least one child aged less than 25 (code 32) 5. Couple all children aged 25 or more (code 33) 6. Other (codes 22 and 40) -1. Not stated
HHINCOME	Net monthly equivalised income of the household	1 Below 1st quintile 2 Between 1st quintile and 2nd quintile 3 Between 2nd quintile and 3rd quintile 4 Between 3rd quintile and 4th quintile 5 Between 4th quintile and 5th quintile – 1 Not stated	Everybody	unaltered

HEALTH VARIABLES				
Health status — Minimum European Health Module				
HS1	Self-perceived general health	1 Very good 2 Good 3 Fair (neither good nor bad) 4 Bad 5 Very bad – 1 Not stated -3 proxy	Everybody	unaltered

Variable name	Description	Answer categories and codes	Filter	Anonymisation rule
HS2	Long-standing health problem	1 Yes 2 No − 1 Not stated	Everybody	unaltered
HS3	Limitation in activities because of health problems	1 Severely limited 2 Limited but not severely 3 Not limited at all − 1 Not stated	Everybody	unaltered
Diseases and chronic conditions				
CD1A	Having asthma in the past 12 months (allergic asthma included)	1 Yes 2 No − 1 Not stated	Everybody	unaltered
CD1B	Having chronic bronchitis, chronic obstructive pulmonary disease or emphysema in the past 12 months	1 Yes 2 No − 1 Not stated	Everybody	unaltered
CD1C	Having a myocardial infarction (heart attack) or chronic consequences of myocardial infarction in the past 12 months	1 Yes 2 No − 1 Not stated	Everybody	unaltered
CD1D	Having a coronary heart disease or angina pectoris in the past 12 months	1 Yes 2 No − 1 Not stated	Everybody	unaltered
CD1E	Having high blood pressure in the past 12 months	1 Yes 2 No − 1 Not stated	Everybody	unaltered
CD1F	Having a stroke (cerebral haemorrhage, cerebral thrombosis) or chronic consequences of stroke in the past 12 months	1 Yes 2 No − 1 Not stated	Everybody	unaltered

Variable name	Description	Answer categories and codes	Filter	Anonymisation rule
CD1G	Having arthrosis (arthritis excluded) in the past 12 months	1 Yes 2 No − 1 Not stated	Everybody	unaltered
CD1H	Having a low back disorder or other chronic back defect in the past 12 months	1 Yes 2 No − 1 Not stated	Everybody	unaltered
CD1I	Having a neck disorder or other chronic neck defect in the past 12 months	1 Yes 2 No − 1 Not stated	Everybody	unaltered
CD1J	Having diabetes in the past 12 months	1 Yes 2 No − 1 Not stated	Everybody	unaltered
CD1K	Having an allergy, such as rhinitis, eye inflammation, dermatitis, food allergy or other (allergic asthma excluded) in the past 12 months	1 Yes 2 No − 1 Not stated	Everybody	unaltered
CD1L	Having cirrhosis of the liver in the past 12 months	1 Yes 2 No − 1 Not stated	Everybody	unaltered
CD1M	Having urinary incontinence, problems in controlling the bladder in the past 12 months	1 Yes 2 No − 1 Not stated	Everybody	unaltered
CD1N	Having kidney problems in the past 12 months	1 Yes 2 No − 1 Not stated	Everybody	unaltered
CD1O	Having depression in the past 12 months	1 Yes 2 No − 1 Not stated	Everybody	unaltered

Variable name	Description	Answer categories and codes	Filter	Anonymisation rule
CD1P	Having high blood lipids in the past 12 months	1 Yes 2 No − 1 Not stated	Everybody	unaltered
CD2	Self-perceived general oral health	1 Very good 2 Good 3 Fair (neither good nor bad) 4 Bad 5 Very bad − 1 Not stated -3 proxy	Everybody	unaltered
Accidents and injuries				
AC1A	Occurrence of a road traffic accident in the past 12 months	1 Yes 2 No − 1 Not stated	Everybody	unaltered
AC1B	Occurrence of an accident at home in the past 12 months	1 Yes 2 No − 1 Not stated	Everybody	unaltered
AC1C	Occurrence of a leisure accident in the past 12 months	1 Yes 2 No − 1 Not stated	Everybody	unaltered
AC2	Most serious medical care intervention for the most serious accident in the past 12 months	1 Admission to a hospital or any other health facility 2 A doctor or nurse 3 No intervention was needed − 1 Not stated − 2 not applicable	if AC1A = 1 or AC1B = 1 or	unaltered
Absence from work (due to health problems)				
AW1	Absent from work due to personal health problems in the past 12 months	1 Yes 2 No − 1 Not stated − 2 not applicable	if MAINSTAT = 10	unaltered

Variable name	Description	Answer categories and codes	Filter	Anonymisation rule
AW2	Number of days of absence from work due to personal health problems in the past 12 months	Number of days − 1 Not stated − 2 not applicable -3 proxy	if AW1 = 1	regrouped: 1. 1-7 days; 2. 8-14 days; 3. 15-30 days; 4. 31 to 180 days; 5. 181 days or more Country-specific rule: • MT and IS: categories '31 to 180 days' and '181 days or more' are grouped into one category '31 days or more' (code 4) MT: categories 'Proxy' (code -3) and 'Not stated' (code -1) are grouped into one category 'Not stated' (code -1)
Functional limitations				
PL1	Wearing glasses or contact lenses	1 Yes 2 No 3 Blind or cannot see at all − 1 Not stated	Everybody	codes 2 and 3 put together as code 2 "No"
PL2	Difficulty in seeing, even when wearing glasses or contact lenses	1 No difficulty 2 Some difficulty 3 A lot of difficulty 4 Cannot do at all/Unable to do − 1 Not stated − 2 not applicable	If PL1 = 1 or 2 or -1	recoding: for blind people (code 3 in PL1), code 4 is used
PL3	Use of a hearing aid	1 Yes 2 No 3 Profoundly deaf − 1 Not stated	Everybody	codes 2 and 3 put together as code 2 "No"
PL4	Difficulty in hearing what is said in a conversation with one other person in a quiet room even when using a hearing aid	1 No difficulty 2 Some difficulty 3 A lot of difficulty 4 Cannot do at all/Unable to do − 1 Not stated − 2 not applicable	If PL3 = 1 or 2 or -1	recoding: for deaf people (code 3 in PL3), code 4 is used

Variable name	Description	Answer categories and codes	Filter	Anonymisation rule
PL5	Difficulty in hearing what is said in a conversation with one other person in a noisier room even when using a hearing aid	1 No difficulty 2 Some difficulty 3 A lot of difficulty 4 Cannot do at all/Unable to do − 1 Not stated − 2 not applicable	If PL3 = 1 or 2 or -1	recoding: for deaf people (code 3 in PL3), code 4 is used
PL6	Difficulty in walking half a km on level ground without the use of any aid	1 No difficulty 2 Some difficulty 3 A lot of difficulty 4 Cannot do at all/Unable to do − 1 Not stated	Everybody	unaltered
PL7	Difficulty in walking up or down 12 steps	1 No difficulty 2 Some difficulty 3 A lot of difficulty 4 Cannot do at all/Unable to do − 1 Not stated	Everybody	unaltered
PL8	Difficulty in remembering or concentrating	1 No difficulty 2 Some difficulty 3 A lot of difficulty 4 Cannot do at all/Unable to do − 1 Not stated	Everybody	unaltered
PL9	Difficulty biting and chewing on hard foods	1 No difficulty 2 Some difficulty 3 A lot of difficulty 4 Cannot do at all/Unable to do − 1 Not stated -2 Not applicable	if AGE >= 55	unaltered

Variable name	Description	Answer categories and codes	Filter	Anonymisation rule
Personal care activities				
PC1A	Difficulty in feeding yourself	1 No difficulty 2 Some difficulty 3 A lot of difficulty 4 Cannot do at all/Unable to do − 1 Not stated − 2 not applicable	if AGE >= 55	unaltered
PC1B	Difficulty in getting in and out of a bed or chair	1 No difficulty 2 Some difficulty 3 A lot of difficulty 4 Cannot do at all/Unable to do − 1 Not stated − 2 not applicable	if AGE >= 55	unaltered
PC1C	Difficulty in dressing and undressing	1 No difficulty 2 Some difficulty 3 A lot of difficulty 4 Cannot do at all/Unable to do − 1 Not stated − 2 not applicable	if AGE >= 55	unaltered
PC1D	Difficulty in using toilets	1 No difficulty 2 Some difficulty 3 A lot of difficulty 4 Cannot do at all/Unable to do − 1 Not stated − 2 not applicable	if AGE >= 55	unaltered

Variable name	Description	Answer categories and codes	Filter	Anonymisation rule
PC1E	Difficulty in bathing or showering	1 No difficulty 2 Some difficulty 3 A lot of difficulty 4 Cannot do at all/Unable to do − 1 Not stated − 2 not applicable	if AGE >= 55	unaltered
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	1 Yes, with at least one activity 2 No − 1 Not stated − 2 not applicable	if (AGE >= 55) and {PC1A ≠ 1 or PC1B ≠ 1 or PC1C ≠ 1 or PC1D ≠ 1 or PC1E ≠ 1}	unaltered
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	1 Yes, with at least one activity 2 No − 1 Not stated − 2 not applicable -3 Proxy	if (AGE >= 55) and {PC1A ≠ 1 or PC1B ≠ 1 or PC1C ≠ 1 or PC1D ≠ 1 or PC1E ≠ 1}	unaltered
Household activities				
HA1A	Difficulty in preparing meals	1 No difficulty 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	if AGE >= 55	unaltered
HA1B	Difficulty in using the telephone	1 No difficulty 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	if AGE >= 55	unaltered

Variable name	Description	Answer categories and codes	Filter	Anonymisation rule
HA1C	Difficulty to do shopping	1 No difficulty 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	if AGE >= 55	unaltered
HA1D	Difficulty in managing medication	1 No difficulty 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	if AGE >= 55	unaltered
HA1E	Difficulty in doing light housework	1 No difficulty 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	if AGE >= 55	unaltered
HA1F	Difficulty in doing occasional heavy housework	1 No difficulty 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	if AGE >= 55	unaltered

Variable name	Description	Answer categories and codes	Filter	Anonymisation rule
HA1G	Difficulty in taking care of finances and everyday administrative tasks	1 No difficulty 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	if AGE >= 55	unaltered
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	1 Yes, with at least one activity 2 No − 1 Not stated − 2 not applicable	if (AGE >= 55) and {HA1A ≠ 1 or HA1B ≠ 1 or HA1C ≠ 1 or HA1D ≠ 1 or HA1E ≠ 1 or HA1F ≠ 1or HA1G ≠ 1}	unaltered
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	1 Yes, with at least one activity 2 No − 1 Not stated − 2 not applicable -3 Proxy	if (AGE >= 55) and {HA1A ≠ 1 or HA1B ≠ 1 or HA1C ≠ 1 or HA1D ≠ 1 or HA1E ≠ 1 or HA1F ≠ 1or HA1G ≠ 1}	unaltered
Pain				
PN1	Intensity of bodily pain during the past 4 weeks	1 None 2 Very mild 3 Mild 4 Moderate 5 Severe 6 Very severe − 1 Not stated -3 Proxy	Everybody	unaltered

Variable name	Description	Answer categories and codes	Filter	Anonymisation rule
PN2	Extent that pain interfered with normal work during the past 4 weeks (including both work outside the home and housework)	1 Not at all 2 A little bit 3 Moderately 4 Quite a bit 5 Extremely − 1 Not stated -3 Proxy	Everybody	unaltered
Mental health				
MH1A	Extent of having little interest or pleasure in doing things over the last 2 weeks	1 Not at all 2 Several days 3 More than half the days 4 Nearly every day − 1 Not stated -3 Proxy	Everybody	unaltered Country-specific rule: • ES: variable removed
MH1B	Extent of feeling down, depressed or hopeless over the last 2 weeks	1 Not at all 2 Several days 3 More than half the days 4 Nearly every day − 1 Not stated -3 Proxy	Everybody	unaltered Country-specific rule: • ES: variable removed
MH1C	Extent of having trouble falling or staying asleep, or sleeping too much over the last 2 weeks	1 Not at all 2 Several days 3 More than half the days 4 Nearly every day − 1 Not stated -3 Proxy	Everybody	unaltered Country-specific rule: • ES: variable removed
MH1D	Extent of feeling tired or having little energy over the last 2 weeks	1 Not at all 2 Several days 3 More than half the days 4 Nearly every day − 1 Not stated -3 Proxy	Everybody	unaltered Country-specific rule: • ES: variable removed

Variable name	Description	Answer categories and codes	Filter	Anonymisation rule
MH1E	Extent of having poor appetite or overeating over the last 2 weeks	1 Not at all 2 Several days 3 More than half the days 4 Nearly every day − 1 Not stated -3 Proxy	Everybody	unaltered Country-specific rule: • ES: variable removed
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	1 Not at all 2 Several days 3 More than half the days 4 Nearly every day − 1 Not stated -3 Proxy	Everybody	unaltered Country-specific rule: • ES: variable removed
MH1G	Extent of having trouble concentrating on things, such as reading the newspaper or watching television, over the last 2 weeks	1 Not at all 2 Several days 3 More than half the days 4 Nearly every day − 1 Not stated -3 Proxy	Everybody	unaltered Country-specific rule: • ES: variable removed
MH1H	Extent of moving or speaking so slowly that other people could have noticed or being so fidgety or restless that they have been moving around a lot more than usual, over the last 2 weeks	1 Not at all 2 Several days 3 More than half the days 4 Nearly every day − 1 Not stated -3 Proxy	Everybody	unaltered Country-specific rule: • ES: variable removed

Variable name	Description	Answer categories and codes	Filter	Anonymisation rule
Health care				
Use of inpatient and day care				
HO12	Number of nights spent as a patient in a hospital in the past 12 months	Number 0 – 365 – 1 Not stated	Everybody	unaltered Country-specific rule: • DE, IT: top coding is 20 or more • MT and IS: top coding is 10 or more • PT: top coding is 25 or more • IE and SK: top coding is 30 or more
HO34	Number of times admitted as a day patient in a hospital in the past 12 months	Number 1 – 365 – 1 Not stated	Everybody	top coding (3 or more) Country-specific rule: IT: variable removed
Use of ambulatory and home care				
AM1	Last time of a visit to a dentist or orthodontist (for personal treatment)	1 Less than 6 months ago 2 6 to 12 months ago 3 12 months ago or longer 4 Never – 1 Not stated	Everybody	unaltered
AM2	Last time of a consultation of a general practitioner or family doctor (for personal treatment)	1 Less than 12 months ago 2 12 months ago or longer 3 Never – 1 Not stated	Everybody	unaltered
AM3	Number of consultations of a general practitioner or family doctor during the past four weeks (for personal treatment)	Number 0 – 99 – 1 Not stated – 2 not applicable	If AM2 = 1	unaltered Country-specific rule: • IT: top coding is 10 or more
AM4	Last time of a consultation of a medical or surgical specialist (for personal treatment)	1 Less than 12 months ago 2 12 months ago or longer 3 Never – 1 Not stated	Everybody	unaltered

Variable name	Description	Answer categories and codes	Filter	Anonymisation rule
AM5	Number of consultations of a medical or surgical specialist during the past four weeks (for personal treatment)	Number 0 – 99 − 1 Not stated − 2 not applicable	If AM4 = 1	unaltered Country-specific rule: • DE: top coding is 9 or more • SK and IS: top coding is 4 or more • IE, ITs: top coding 5 or more
AM6A	Consultation of a physiotherapist or kinesitherapist in the past 12 months	1 Yes 2 No − 1 Not stated	Everybody	unaltered
AM6B	Consultation of a psychologist, psychotherapist or psychiatrist in the past 12 months	1 Yes 2 No − 1 Not stated	Everybody	unaltered
AM7	Use of any home care services for personal needs during the past 12 months	1 Yes 2 No − 1 Not stated	Everybody	unaltered
Medicine use				
MD1	Use of any medicines prescribed by a doctor during the past two weeks (excluding contraception)	1 Yes 2 No − 1 Not stated -3 Proxy	Everybody	unaltered
MD2	Use of any medicines, herbal medicines or vitamins not prescribed by a doctor during the past two weeks (excluding contraception)	1 Yes 2 No − 1 Not stated -3 Proxy	Everybody	unaltered

Variable name	Description	Answer categories and codes	Filter	Anonymisation rule
Preventive services				
PA1	Last time of vaccination against flu	Month/year (YYYYMM) 1 Too long ago (before the previous calendar year) 2 Never − 1 Not stated -3 Proxy	Everybody	unaltered Country-specific rule: • BG: Recoding: "1" –too long ago "2" – Never "3" – within the past 12 months "-1" – Not stated "-3" – Proxy
PA2	Last time of blood pressure measurement by a health professional	1 Within the past 12 months 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	Everybody	unaltered
PA3	Last time of blood cholesterol measurement by a health professional	1 Within the past 12 months 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	Everybody	unaltered
PA4	Last time of blood sugar measurement by a health professional	1 Within the past 12 months 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	Everybody	unaltered

Variable name	Description	Answer categories and codes	Filter	Anonymisation rule
PA5	Last time of a faecal occult blood test	1 Within the past 12 months 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	Everybody	unaltered
PA6	Last time of a colonoscopy	1 Within the past 12 months 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	Everybody	unaltered
PA7	Last time of a mammography (breast X-ray)	1 Within the past 12 months 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	If SEX = 2	unaltered
PA8	Last time of a cervical smear test	1 Within the past 12 months 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	If SEX = 2	unaltered

Variable name	Description	Answer categories and codes	Filter	Anonymisation rule
Unmet needs for health care				
UN1A	Unmet need for health care in the past 12 months due to long waiting list(s)	1 Yes 2 No 3 No need for health care – 1 Not stated -3 Proxy	Everybody	unaltered
UN1B	Unmet need for health care in the past 12 months due to distance or transportation problems	1 Yes 2 No 3 No need for health care – 1 Not stated -3 Proxy	Everybody	unaltered
UN2A	Could not afford medical examination or treatment in the past 12 months	1 Yes 2 No 3 No need – 1 Not stated -3 Proxy	Everybody	unaltered
UN2B	Could not afford dental examination or treatment in the past 12 months	1 Yes 2 No 3 No need – 1 Not stated -3 Proxy	Everybody	unaltered
UN2C	Could not afford prescribed medicines in the past 12 months	1 Yes 2 No 3 No need – 1 Not stated -3 Proxy	Everybody	unaltered
UN2D	Could not afford mental health care (by a psychologist, psychortherapist or a psychiatrist for example) in the past 12 months	1 Yes 2 No 3 No need – 1 Not stated -3 Proxy	Everybody	unaltered

Variable name	Description	Answer categories and codes	Filter	Anonymisation rule
Health determinants				
Weight and height				
BMI[2]	Body mass index	1 Underweight 2 Normal weight 3 Pre-obese 4 Obese − 1 Not stated -3 Proxy	Everybody	New variable
BM1	Height without shoes	Number in cm − 1 Not stated -3 Proxy	Everybody	unaltered Country-specific rule: • IT: bottom coding for height<140 cm for people aged 15-17 and for women aged 18+; bottom coding for height<145 cm for men aged 18+; top coding for height>180 cm for women aged 15+; top coding for height>190 cm for men aged 15-17; top coding for height>195 cm for men aged 18+. Change of BM1 and BM2 with an average calculated with EHIS data by sex and age when: BMI<16.3 or BMI>31 for people aged 15-17; BMI<15.5 or BMI>35.5 for people aged 18+. • IE, CZ: bottom and top coding: low = 140 cm; high = 200 cm • IS: bottom and top coding: low = 150 cm; high = 199 cm
BM2	Weight without clothes and shoes	Number in kg − 1 Not stated -3 Proxy	Everybody	unaltered Country-specific rule: • IT: bottom coding for weight<40 kg for people aged 15-17 and for women aged 18+; bottom coding for weight<45 kg for men aged 18+; top coding for weight>85 kg for women

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[2] Computed on the basis of the variables BM1 and BM2

Variable name	Description	Answer categories and codes	Filter	Anonymisation rule
5				aged 15-17; top coding for weight>95 kg for men aged 15-17; top coding for weight>120 kg for women aged 18+; top coding for weight>130 kg for men aged 18+. Change of BM1 and BM2 with an average calculated with EHIS data by sex and age when: BMI<16.3 or BMI>31 for people aged 15-17; BMI<15.5 or BMI>35.5 for people aged 18+. • IE: bottom and top coding: low = 45 kg; high = 150 kg • IS: bottom and top coding: low = 50 kg; high = 150 kg
Physical activity				
PE1	Physical effort of working tasks (both paid and unpaid work activities included)	1 Mostly sitting or standing 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	Everybody	unaltered
PE2	Number of days in a typical week walking to get to and from places at least 10 minutes continuously	Number of days 1 – 7 0 I never carry out such physical activities − 1 Not stated -3 Proxy	Everybody	unaltered
PE3	Time spent on walking to get to and from places on a typical day	1 10 – 29 minutes per day 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	if PE2 ≠ 0	unaltered

Variable name	Description	Answer categories and codes	Filter	Anonymisation rule
PE4	Number of days in a typical week bicycling to get to and from places at least 10 minutes continuously	Number of days 1 – 7 0 I never carry out such physical activities – 1 Not stated -3 Proxy	Everybody	unaltered
PE5	Time spent on bicycling to get to and from places on a typical day	1 10 – 29 minutes per day 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	if PE4 ≠ 0	unaltered
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	Number of days 1 – 7 0 I never carry out such physical activities – 1 Not stated -3 Proxy	Everybody	unaltered
PE7	Time spent on doing sports, fitness or recreational (leisure) physical activities in a typical week	HHMM (hours/minutes) – 1 Not stated – 2 not applicable -3 Proxy	if PE6 ≠ 0	unaltered
PE8	Number of days in a typical week doing muscle-strengthening activities	Number of days 1 – 7 0 I never carry out such physical activities – 1 Not stated -3 Proxy	Everybody	unaltered
PE9	Time spent sitting on a typical day	HHMM (hours/minutes) – 1 Not stated -3 Proxy	Everybody	unaltered

Variable name	Description	Answer categories and codes	Filter	Anonymisation rule
Dietary habits				
DH1	Frequency of eating fruit, excluding juice	1 Once or more a day 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	Everybody	unaltered
DH2	Number of portions of fruit a day, excluding juice	Number 1 – 99 – 1 Not stated – 2 not applicable -3 Proxy	if DH1 = 1	unaltered
DH3	Frequency of eating vegetables or salad, excluding juice and potatoes	1 Once or more a day 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	Everybody	unaltered
DH4	Number of portions of vege-tables or salad, excluding juice and potatoes a day	Number 1 – 99 – 1 Not stated – 2 not applicable -3 Proxy	if DH3 = 1	unaltered
DH5	Frequency of drinking pure fruit or vegetable juice	1 Once or more a day 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	Everybody	unaltered

Variable name	Description	Answer categories and codes	Filter	Anonymisation rule
DH6	Frequency of drinking sugar-sweetened soft drinks	1 Once or more a day 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	Everybody	unaltered
Smoking				
SK1	Type of tobacco smoking behaviour	1 Daily smoking 2 Occasional smoking 3 No smoking − 1 Not stated	Everybody	unaltered
SK2	Average number of cigarettes a day	Number 0 – 99 − 1 Not stated − 2 not applicable	if SK1 = 1	unaltered Country-specific rule: • IT: top coding is 60 or more • SK and IS: top coding is 20 or more
SK3	Former daily tobacco smoking	1 Yes 2 No − 1 Not stated − 2 Not applicable	if SK1 = 2, 3 or -1	unaltered
SK4	Number of years of daily tobacco smoking	Number 0 – 99 − 1 Not stated − 2 Not applicable	if SK1 = 1 or (SK1 = 2, 3 or -1 and SK3 = 1)	unaltered
SK5	Frequency of exposure to tobacco smoke indoors	1 Every day, 1 hour or more a day 2 Every day, less than 1 hour per day 3 At least once a week (but not every day) 4 Less than once a week 5 Never or almost never −1 Not stated −3 Proxy	Everybody	unaltered

Variable name	Description	Answer categories and codes	Filter	Anonymisation rule
SK6	Type of electronic cigarettes or similar electronic devices behaviour	1 Daily vaping 2 Occasional vaping 3 Former vaping 4 Never vaping − 1 Not stated − 3 Proxy	Everybody	unaltered
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	1 Every day or almost 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	Everybody	unaltered Country-specific rule: • IT: variable removed
AL2	Frequency of consumption of an alcoholic drink for Monday — Thursday	1 On all 4 days 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	if AL1 = 1, 2, 3 or 4	unaltered Country-specific rule: • IT: variable removed

Variable name	Description	Answer categories and codes	Filter	Anonymisation rule
AL3	Number of alcoholic (standard) drinks on average on one of the days (Monday to Thursday)	1 16 or more drinks a day 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	If (AL1 = 1, 2, 3 or 4) and (AL2 = 1, 2, 3 or 4)	unaltered Country-specific rule: • IT: variable removed
AL4	Frequency of consumption of an alcoholic drink for Friday — Sunday	1 On all 3 days 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	if AL1 = 1, 2, 3 or 4	unaltered Country-specific rule: • IT: variable removed
AL5	Number of alcoholic (standard) drinks on average on one of the days (Friday — Sunday)	1 16 or more drinks a day 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	if (AL1 = 1, 2, 3 or 4) and (AL4 = 1, 2, or 3)	unaltered Country-specific rule: • IT: variable removed

Variable name	Description	Answer categories and codes	Filter	Anonymisation rule
AL6	Frequency of risky single-occasion drinking (equivalent of 60 g of pure ethanol or more) during the past 12 months	1 Every day or almost 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	if AL1 = 1, 2, 3, 4, 5, 6 or 7	unaltered Country-specific rule: • IT: variable removed
Social support				
SS1	Number of close people to count on in case of serious personal problems	1 None 2 1 or 2 3 3 to 5 4 6 or more − 1 Not stated − 3 Proxy	Everybody	unaltered
SS2	Degree of concern shown by other people in what the person is doing	1 A lot of concern and interest 2 Some concern and interest 3 Uncertain 4 Little concern and interest 5 No concern and interest − 1 Not stated − 3 Proxy	Everybody	unaltered
SS3	How easy is it to get practical help from neighbours in case of need	1 Very easy 2 Easy 3 Possible 4 Difficult 5 Very difficult − 1 Not stated − 3 Proxy	Everybody	unaltered

Variable name	Description	Answer categories and codes	Filter	Anonymisation rule
Provision of informal care or assistance				
IC1	Providing care or assistance to one or more persons suffering from some age problem, chronic health condition or infirmity, at least once a week (professional activities excluded)	1 Yes 2 No − 1 Not stated − 3 Proxy	Everybody	unaltered
IC2	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	1 Member(s) of respondent's family 2 Non-member(s) of respondent's family − 1 Not stated − 2 not applicable − 3 Proxy	if IC1 = 1	unaltered
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	1 Less than 10 hours per week 2 At least 10 but less than 20 hours per week 3 20 hours per week or more − 1 Not stated − 2 not applicable − 3 Proxy	if IC1 = 1	unaltered