

## EHIS wave 2 variables: ANONYMISATION RULES

### TECHNICAL SURVEY VARIABLES

Variable name	Description	Answer categories and codes	Filter	Anonymisation rule
PID	Identification number of respondent	10-digit number – 1 missing	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
PSU	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 – 1 missing	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 – 1 missing	Everybody	unaltered
REFYEAR	Reference year of the interview	4 digits	Everybody	unaltered  Country-specific rule for: • ES: REFYEAR removed
REFMONTH	Reference month of the interview	1 – 12 – 1 missing	Everybody	unaltered  Country-specific rule for: • ES: REFMONTH removed • MT and IE: REFMONTH grouped into quarters

Variable name	Description	Answer categories and codes	Filter	Anonymisation rule
INTMETHOD	Data collection method used	10 Postal, non-electronic version 11 Postal, electronic version (e-mail) 20 Face-to-face, non-electronic version 21 Face-to-face, electronic version 30 Telephone, non-electronic version 31 Telephone, electronic version 40 Use of internet 50 Mixed mode collection (e.g.: both postal and interview to collect data)	Everybody	unaltered
INTLANG	Language used for interview	3-digit codes (Standard Code List Eurostat) - 1 missing	Everybody	removed

#### CORE SOCIAL VARIABLES

SEX	Sex of respondent	1 Male 2 Female -1 missing (don't know, refusal)	Everybody	unaltered
AGE	Age of respondent in completed years at the time of the interview	digit number - 1 missing (don't know, refusal)	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: top coding is 75 or more • SK: top coding is 80 or more
COUNTRY	Country of residence	2 digits based on NUTS, at the most aggregated level (level 0 or country level) - 1 missing (don't know, refusal)	Everybody	unaltered
BIRTHPLACE	Country of birth	10 Native-born 21 Born in another EU Member State 22 Born in non-EU country - 1 missing (don't know, refusal)	Everybody	Country-specific rule: • MT and IS: codes 21 and 22 grouped together as code 21

Variable name	Description	Answer categories and codes	Filter	Anonymisation rule
CITIZEN	Country of citizenship at time of data collection	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 missing (don't know, refusal)	Everybody	unaltered  Country-specific rule: • MT, IS and NO: codes 21 and 22 grouped together as code 21
REGION	Region of residence	Coding according to NUTS at 2-digit level – 1 missing	Everybody	removed
DEG_URB	Degree of urbanisation	1 Densely-populated area 2 Intermediate-populated area 3 Thinly-populated area – 1 missing	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 missing (don't know, refusal)	Everybody	unaltered
MARSTADEFACTO	De facto marital status	1 Person living in a consensual union 2 Person not living in a consensual union – 1 missing (don't know, refusal)	Everybody	unaltered

Variable name	Description	Answer categories and codes	Filter	Anonymisation rule
HATLEVEL	Highest level of education completed (Educational attainment)	<p>Based on ISCED-2011 classification</p> <ul style="list-style-type: none"> <li>0 Early childhood development, pre-primary education</li> <li>1 Primary education</li> <li>2 Lower secondary education</li> <li>3 Upper secondary education</li> <li>4 Post-secondary but non-tertiary education</li> <li>5 Tertiary education; short-cycle</li> <li>6 Tertiary education; bachelor level or equivalent</li> <li>7 Tertiary education; master level or equivalent</li> <li>8 Tertiary education; doctoral level or equivalent</li> <li>- 1 missing (don't know, refusal)</li> </ul>	Everybody	<p>unaltered</p> <p>Country-specific rule for:</p> <ul style="list-style-type: none"> <li>• MT: the following adaptations were done: <ul style="list-style-type: none"> <li>› ISCED 0, 1 and 2 are grouped into one category (code 1)</li> <li>› ISCED 3 and 4 are grouped into one category (code 2)</li> <li>› ISCED 5, 6, 7 and 8 are grouped into one category (code 3)</li> </ul> </li> <li>• PT: top coding is ISCED 5 or more</li> </ul>
MAINSTAT	Self-declared labour status	<ul style="list-style-type: none"> <li>10 Carries out a job or profession, including unpaid work for a family business or holding, an apprenticeship or paid traineeship, etc.</li> <li>20 Unemployed</li> <li>31 Pupil, student, further training, unpaid work experience</li> <li>32 In retirement or early retirement or has given up business</li> <li>33 Permanently disabled</li> <li>34 In compulsory military or community service</li> <li>35 Fulfilling domestic tasks</li> <li>36 Other inactive person</li> <li>- 1 missing (don't know, refusal)</li> </ul>	Everybody	<p>unaltered</p> <p>Country-specific rule for MT: codes 31, 33, 34, 35 and 36 are put together into the category 'Other' (code 36)</p>
FT_PT	Full or part-time work	<ul style="list-style-type: none"> <li>1 Full-time</li> <li>2 Part-time</li> <li>- 1 missing (don't know, refusal)</li> <li>- 2 not applicable</li> </ul>	MAINSTAT = 10	unaltered

Variable name	Description	Answer categories and codes	Filter	Anonymisation rule
JOBSTAT	Status in employment	10 Self-employed 21 Employee with a permanent job/work contract of unlimited duration 22 Employee with a temporary job/work contract of limited duration – 1 missing (don't know, refusal) – 2 not applicable	MAINSTAT = 10	unaltered
JOBISCO	Occupation in employment	ISCO-08 coded at 2-digit level – 1 missing (don't know, refusal) – 2 not applicable	MAINSTAT = 10	kept with 1 digit
LOCNACE	Economic sector in employment	NACE Rev. 2 — sections – 1 missing (don't know, refusal) – 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 9. Unknown sector  Country-specific rule: • MT: codes 1, 2 and 3 regrouped together as code 1

Variable name	Description	Answer categories and codes	Filter	Anonymisation rule
HHNBERS	Number of persons living in household, including the respondent	0 – 98 – 1 missing (don't know, refusal)	Everybody	top coding (7 or more)  Country-specific rule: • MT and IS: top coding is 6 or more
HHNBERS_0_4	Number of persons aged 4 or younger	0 – 98 – 1 missing (don't know, refusal)	Everybody	top coding (3 or more)  Country-specific rule: • MT, SK and IS: top coding is 2 or more
HHNBERS_5_13	Number of persons aged from 5 to 13	0 – 98 – 1 missing (don't know, refusal)	Everybody	top coding (3 or more)  Country-specific rule: • MT, IS: top coding is 2 or more
HHNBERS_14_15	Number of persons aged from 14 to 15	0 – 98 – 1 missing (don't know, refusal)	Everybody	top coding (3 or more)  Country-specific rule: • MT, SK and IS: top coding is 2 or more
HHNBERS_16_24	Number of persons aged from 16 to 24	0 – 98 – 1 missing (don't know, refusal)	Everybody	top coding (3 or more)  Country-specific rule: • MT and IS: top coding is 2 or more
HHNBERS_25_64	Number of persons aged from 25 to 64	0 – 98 – 1 missing (don't know, refusal)	Everybody	top coding (3 or more)
HHNBERS_65PLUS	Number of persons aged 65 and over	0 – 98 – 1 missing (don't know, refusal)	Everybody	top coding (3 or more)  Country-specific rule: • MT, SK and IS: top coding is 2 or more

Variable name	Description	Answer categories and codes	Filter	Anonymisation rule
HHTYPE	Type of household	10 One-person household 21 Lone parent with child(ren) aged less than 25 22 Couple without child(ren) aged less than 25 23 Couple with child(ren) aged less than 25 Couple or lone parent with child(ren) aged less than 25 and other persons living in 24 household 25 Other type of household - 1 missing (don't know, refusal)	Everybody	Regrouped answer categories: 1. One-person household; 2. Lone parent with child(ren) less than 25; 3. Couple with child(ren) aged less than 25; 4. Couple without child(ren) aged less than 25; 5. Other
HH_ACT	Number of persons aged 16 – 64 in the household who are employed	0 – 98 - 1 missing (don't know, refusal)	Everybody	unaltered  Country-specific rule: • DE: top coding is 6 or more • MT: top coding is 3 or more • SK: top coding is 4 or more
HH_INACT	Number of persons aged 16 – 64 in the household who are unemployed or are economically inactive	0 – 98 - 1 missing (don't know, refusal)	Everybody	unaltered  Country-specific rule: • DE: top coding is 5 or more • MT and SK: top coding is 3 or more
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 missing (don't know, refusal)	Everybody	unaltered

Variable name	Description	Answer categories and codes	Filter	Anonymisation rule
<b>HEALTH VARIABLES</b>				
<b>Health status — Minimum European Health Module</b>				
HS1	Self-perceived general health: how a person perceives his/her health in general	1 Very good 2 Good 3 Fair 4 Bad 5 Very bad – 1 missing (don't know, refusal)	Everybody	unaltered
HS2	Long-standing health problem: Suffer from any illness or health problem of a duration of at least six months	1 Yes 2 No – 1 missing (don't know, refusal)	Everybody	unaltered
HS3	General activity limitation: Limitation in activities people usually do because of health problems for at least the past six months	1 Severely limited 2 Limited but not severely 3 Not limited at all – 1 missing (don't know, refusal)	Everybody	unaltered
<b><i>Diseases and chronic conditions</i></b>				
CD1a	Suffering from asthma in the past 12 months (allergic asthma included)	1 Yes 2 No – 1 missing (don't know, refusal)	Everybody	unaltered
CD1b	Suffering from chronic bronchitis, chronic obstructive pulmonary disease or emphysema in the past 12 months	1 Yes 2 No – 1 missing (don't know, refusal)	Everybody	unaltered
CD1c	Suffering from a myocardial infarction (heart attack) in the past 12 months	1 Yes 2 No – 1 missing (don't know, refusal)	Everybody	unaltered



Variable name	Description	Answer categories and codes	Filter	Anonymisation rule
CD1d	Suffering from a coronary heart disease or angina pectoris in the past 12 months	1 Yes 2 No - 1 missing (don't know, refusal)	Everybody	unaltered
CD1e	Suffering from high blood pressure in the past 12 months	1 Yes 2 No - 1 missing (don't know, refusal)	Everybody	unaltered
CD1f	Suffering from a stroke (cerebral haemorrhage, cerebral thrombosis) in the past 12 months	1 Yes 2 No - 1 missing (don't know, refusal)	Everybody	unaltered
CD1g	Suffering from arthrosis (arthritis excluded) in the past 12 months	1 Yes 2 No - 1 missing (don't know, refusal)	Everybody	unaltered
CD1h	Suffering from a low back disorder or other chronic back defect in the past 12 months	1 Yes 2 No - 1 missing (don't know, refusal)	Everybody	unaltered
CD1i	Suffering from a neck disorder or other chronic neck defect in the past 12 months	1 Yes 2 No - 1 missing (don't know, refusal)	Everybody	unaltered
CD1j	Suffering from diabetes in the past 12 months	1 Yes 2 No - 1 missing (don't know, refusal)	Everybody	unaltered
CD1k	Suffering from 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 missing (don't know, refusal)	Everybody	unaltered

Variable name	Description	Answer categories and codes	Filter	Anonymisation rule
CD1l	Suffering from cirrhosis of the liver in the past 12 months	1 Yes 2 No  - 1 missing (don't know, refusal)	Everybody	unaltered
CD1m	Suffering from urinary incontinence, problems in controlling the bladder in the past 12 months	1 Yes 2 No  - 1 missing (don't know, refusal)	Everybody	unaltered
CD1n	Suffering from kidney problems in the past 12 months	1 Yes 2 No  - 1 missing (don't know, refusal)	Everybody	unaltered
CD1o	Suffering from depression in the past 12 months	1 Yes 2 No  - 1 missing (don't know, refusal)	Everybody	unaltered
<b>Accidents and injuries</b>				
AC1a	Occurrence of a road traffic accident in the past 12 months	1 Yes 2 No  - 1 missing (don't know, refusal)	Everybody	unaltered
AC1b	Occurrence of an accident at home in the past 12 months	1 Yes 2 No  - 1 missing (don't know, refusal)	Everybody	unaltered
AC1c	Occurrence of a leisure accident in the past 12 months	1 Yes 2 No  - 1 missing (don't know, refusal)	Everybody	unaltered

Variable name	Description	Answer categories and codes	Filter	Anonymisation rule
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 missing (don't know, refusal) - 2 not applicable	if AC1a = 1 or AC1b = 1 or AC1c = 1	unaltered
<b>Absence from work (due to health problems)</b>				
AW1	Absent from work due to personal health problems in the past 12 months	1 Yes 2 No  - 1 missing (don't know, refusal) - 2 not applicable	if MAINSTAT = 10	unaltered
AW2	Number of days of absence from work due to personal health problems in the past 12 months	Number of days - 1 missing (don't know, refusal) - 2 not applicable	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: categories '31 to 180 days' and '181 days or more' are grouped into one category '31 days or more' (code 4)
<b>Physical and sensory functional limitations</b>				
PL1	Wearing glasses or contact lenses	1 Yes 2 No 3 Blind or cannot see at all  - 1 missing (don't know, refusal)	Everybody	codes 2 and 3 put together as code 2 "No"

Variable name	Description	Answer categories and codes	Filter	Anonymisation rule
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 missing (don't know, refusal) -2 not applicable	If PL1 = 1 or 2	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 missing (don't know, refusal)	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 missing (don't know, refusal) -2 not applicable	If PL3 = 1 or 2	recoding: for deaf people (code 3 in PL3), code 4 is used
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 missing (don't know, refusal) -2 not applicable	If PL3 = 1 or 2 and PL4 = 1 or 2 or 3	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 missing (don't know, refusal)	Everybody	unaltered

Variable name	Description	Answer categories and codes	Filter	Anonymisation rule
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 missing (don't know, refusal)	Everybody	unaltered
<b><i>Personal care activities</i></b>				
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 missing (don't know, refusal) - 2 not applicable	if AGE >= 65	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 missing (don't know, refusal) - 2 not applicable	if AGE >= 65	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 missing (don't know, refusal) - 2 not applicable	if AGE >= 65	unaltered

Variable name	Description	Answer categories and codes	Filter	Anonymisation rule
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 missing (don't know, refusal) - 2 not applicable	if AGE >= 65	unaltered
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 missing (don't know, refusal) - 2 not applicable	if AGE >= 65	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 missing (don't know, refusal) - 2 not applicable	if (AGE >= 65) 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 missing (don't know, refusal) - 2 not applicable	if (AGE >= 65) and {PC1a ≠ 1 or PC1b ≠ 1 or PC1c ≠ 1 or PC1d ≠ 1 or PC1e ≠ 1}	unaltered

Variable name	Description	Answer categories and codes	Filter	Anonymisation rule
<i>Household activities</i>				
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 missing (don't know, refusal) - 2 not applicable	if AGE >= 65	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 missing (don't know, refusal) - 2 not applicable	if AGE >= 65	unaltered
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 missing (don't know, refusal) - 2 not applicable	if AGE >= 65	unaltered

Variable name	Description	Answer categories and codes	Filter	Anonymisation rule
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 missing (don't know, refusal) -2 not applicable	if AGE >= 65	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 missing (don't know, refusal) -2 not applicable	if AGE >= 65	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 missing (don't know, refusal) -2 not applicable	if AGE >= 65	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 missing (don't know, refusal) - 2 not applicable	if AGE >= 65	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 missing (don't know, refusal) - 2 not applicable	if (AGE >= 65) and {HA1a ≠ 1 or HA1b ≠ 1 or HA1c ≠ 1 or HA1d ≠ 1 or HA1e ≠ 1 or HA1f ≠ 1 or 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 missing (don't know, refusal) - 2 not applicable	if (AGE >= 65) and {HA1a ≠ 1 or HA1b ≠ 1 or HA1c ≠ 1 or HA1d ≠ 1 or HA1e ≠ 1 or HA1f ≠ 1 or HA1g ≠ 1}	unaltered

Variable name	Description	Answer categories and codes	Filter	Anonymisation rule
<b><i>Pain</i></b>				
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 missing (don't know, refusal)	Everybody	unaltered
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 missing (don't know, refusal)	Everybody	unaltered
<b><i>Mental health</i></b>				
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 missing (don't know, refusal)	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 missing (don't know, refusal)	Everybody	unaltered  Country-specific rule: • ES: variable removed

Variable name	Description	Answer categories and codes	Filter	Anonymisation rule
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 missing (don't know, refusal)	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 missing (don't know, refusal)	Everybody	unaltered  Country-specific rule: • ES: variable removed
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 missing (don't know, refusal)	Everybody	unaltered  Country-specific rule: • ES: variable removed
MH1f	Extent of feeling bad about yourself, feeling being a failure over the last 2 weeks	1 Not at all 2 Several days 3 More than half the days 4 Nearly every day  – 1 missing (don't know, refusal)	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 missing (don't know, refusal)	Everybody	unaltered  Country-specific rule: • ES: variable removed

Variable name	Description	Answer categories and codes	Filter	Anonymisation rule
MH1h	Extent of moving or speaking so slowly that other people could have noticed or being so fidgety or restless, over the last 2 weeks	1 Not at all 2 Several days 3 More than half the days 4 Nearly every day  – 1 missing (don't know, refusal)	Everybody	unaltered  Country-specific rule: • ES: variable removed
<b>Health care</b>				
<b>Use of inpatient and day care</b>				
HO1	Admission as an inpatient in a hospital in the past 12 months	1 Yes 2 No  – 1 missing (don't know, refusal)	Everybody	unaltered
HO2	Number of nights spent as a patient in a hospital in the past 12 months	Number 1 – 99 – 1 missing (don't know, refusal) – 2 not applicable	if HO1 = 1	unaltered  Country-specific rule: • DE: top coding is 20 or more • MT: top coding is 10 or more • PT: top coding is 25 or more • IE and SK: top coding is 30 or more
HO3	Admission as a day patient in a hospital in the past 12 months	1 Yes 2 No  – 1 missing (don't know, refusal)	Everybody	unaltered  Country-specific rule: IT: variable removed
HO4	Number of times admitted as a day patient in a hospital in the past 12 months	Number 1 – 300 – 1 missing (don't know, refusal) – 2 not applicable	if HO3 = 1	top coding (3 or more)  Country-specific rule: IT: variable removed

Variable name	Description	Answer categories and codes	Filter	Anonymisation rule
<b><i>Use of ambulatory and home care</i></b>				
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 missing (don't know, refusal)	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 missing (don't know, refusal)	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 missing (don't know, refusal) – 2 not applicable	If AM2 = 1	unaltered
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 missing (don't know, refusal)	Everybody	unaltered
AM5	Number of consultations of a medical or surgical specialist during the past four weeks (for personal treatment)	Number 0 – 99 – 1 missing (don't know, refusal) – 2 not applicable	If AM4 = 1	unaltered  Country-specific rule: • DE: top coding is 9 or more • SK: top coding is 4 or more • IE: top coding 5 or more
AM6a	Consultation of a physiotherapist or kinesiologist in the past 12 months	1 Yes 2 No  – 1 missing (don't know, refusal)	Everybody	unaltered

Variable name	Description	Answer categories and codes	Filter	Anonymisation rule
AM6b	Consultation of a psychologist or psychotherapist in the past 12 months	1 Yes 2 No - 1 missing (don't know, refusal)	Everybody	unaltered
AM7	Use of any home care services for personal needs during the past 12 months	1 Yes 2 No - 1 missing (don't know, refusal)	Everybody	unaltered
<b>Medicine use</b>				
MD1	Use of any medicines prescribed by a doctor during the past two weeks (excluding contraception)	1 Yes 2 No - 1 missing (don't know, refusal)	Everybody	unaltered
MD2	Use of any medicines, herbal medicines or vitamins not prescribed by a doctor during the past two weeks	1 Yes 2 No - 1 missing (don't know, refusal)	Everybody	unaltered
<b>Preventive services</b>				
PA1	Last time of vaccination against flu	Month/year (MMYYYY) Never or too long ago (0) - 1 missing (don't know, refusal)	Everybody	unaltered  Country-specific rule: • BG: Recoding: "0" – never or too long ago "1" – within the past 12 months "-1" – missing (don't know, refusal)
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 More than 5 years 5 Never - 1 missing (don't know, refusal)	Everybody	unaltered

Variable name	Description	Answer categories and codes	Filter	Anonymisation rule
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 More than 5 years 5 Never  - 1 missing (don't know, refusal)	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 More than 5 years 5 Never  - 1 missing (don't know, refusal)	Everybody	unaltered
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 More than 3 years 5 Never  - 1 missing (don't know, refusal)	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 More than 10 years 5 Never  - 1 missing (don't know, refusal)	Everybody	unaltered

Variable name	Description	Answer categories and codes	Filter	Anonymisation rule
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 More than 3 years 5 Never  -1 missing (don't know, refusal) -2 not applicable	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 More than 3 years 5 Never  -1 missing (don't know, refusal) -2 not applicable	If SEX = 2	unaltered
<b>Unmet needs for health care</b>				
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 missing (don't know, refusal)	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 missing (don't know, refusal)	Everybody	unaltered
UN2a	Could not afford medical examination or treatment in the past 12 months	1 Yes 2 No 3 No need  -1 missing (don't know, refusal)	Everybody	unaltered



Variable name	Description	Answer categories and codes	Filter	Anonymisation rule
UN2b	Could not afford dental examination or treatment in the past 12 months	1 Yes 2 No 3 No need - 1 missing (don't know, refusal)	Everybody	unaltered
UN2c	Could not afford prescribed medicines in the past 12 months	1 Yes 2 No 3 No need - 1 missing (don't know, refusal)	Everybody	unaltered
UN2d	Could not afford mental health care (by a psychologist or a psychiatrist for example) in the past 12 months	1 Yes 2 No 3 No need - 1 missing (don't know, refusal)	Everybody	unaltered
<b>Health determinants</b>				
<b>Weight and height</b>				
BM1	Height without shoes	Number in cm - 1 missing (don't know, refusal)	Everybody	unaltered  Country-specific rule: <ul style="list-style-type: none"> <li>IT: bottom coding for height&lt;140 cm for people aged 15-17 and for women aged 18+; bottom coding for height&lt;145 cm for men aged 18+; top coding for height&gt;180 cm for women aged 15+; top coding for height&gt;190 cm for men aged 15-17; top coding for height&gt;195 cm for men aged 18+.</li> </ul> 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+. <ul style="list-style-type: none"> <li>IE: bottom and top coding: low = 140 cm; high = 200 cm</li> </ul>

Variable name	Description	Answer categories and codes	Filter	Anonymisation rule
BM2	Weight without clothes and shoes	Number in kg  – 1 missing (don't know, refusal)	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 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
<b>Physical activity/exercise</b>				
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 missing (don't know, refusal)	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 missing (don't know, refusal)	Everybody	unaltered

Variable name	Description	Answer categories and codes	Filter	Anonymisation rule
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 missing (don't know, refusal) – 2 not applicable	if PE2 ≠ 0	unaltered
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 missing (don't know, refusal)	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 missing (don't know, refusal) – 2 not applicable	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 missing (don't know, refusal)	Everybody	unaltered
PE7	Time spent on doing sports, fitness or recreational (leisure) physical activities in a typical week	HHMM (hours/minutes) – 1 missing (don't know, refusal) – 2 not applicable	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 missing (don't know, refusal)	Everybody	unaltered

Variable name	Description	Answer categories and codes	Filter	Anonymisation rule
<b>Consumption of fruit and vegetables</b>				
FV1	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 missing (don't know, refusal)	Everybody	unaltered
FV2	Number of portions of fruit a day, excluding juice	Number 1 – 99 - 1 missing (don't know, refusal) - 2 not applicable	if FV1 = 1	unaltered
FV3	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 missing (don't know, refusal)	Everybody	unaltered
FV4	Number of portions of vegetables or salad, excluding juice and potatoes a day	Number 1 – 99 - 1 missing (don't know, refusal) - 2 not applicable	if FV3 = 1	unaltered
<b>Smoking</b>				
SK1	Type of smoking behaviour	1 Daily smoking 2 Occasional smoking 3 No smoking - 1 missing (don't know, refusal)	Everybody	unaltered
SK2	Kind of tobacco product consumed	1 Cigarettes (manufactured and/or hand-rolled) 2 Cigars 3 Pipe tobacco 4 Other - 1 missing (don't know, refusal) - 2 not applicable	if SK1 = 1 or 2	unaltered  Country-specific rule: • RO: codes 3 and 4 merged (category 'Other' – code 4)

Variable name	Description	Answer categories and codes	Filter	Anonymisation rule
SK3	Average number of cigarettes a day	Number 1 – 99  – 1 missing (don't know, refusal) – 2 not applicable	if SK1 = 1 and  SK2 = 1	unaltered  Country-specific rule: • IT: top coding is 60 or more • SK: top coding is 20 or more
SK4	Frequency of exposure to tobacco smoke indoors	1 Never or almost never 2 Less than 1 hour per day 3 1 hour or more a day  – 1 missing (don't know, refusal)	Everybody	unaltered
<b>Alcohol consumption</b>				
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 missing (don't know, refusal)	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 missing (don't know, refusal) – 2 not applicable	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 missing (don't know, refusal) – 2 not applicable	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 missing (don't know, refusal) – 2 not applicable	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 missing (don't know, refusal) – 2 not applicable	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 missing (don't know, refusal) – 2 not applicable	if AL1 = 1, 2, 3, 4, 5, 6 or 7	unaltered  Country-specific rule: • IT: variable removed
<b>Social support</b>				
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 missing (don't know, refusal)	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 missing (don't know, refusal)	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 missing (don't know, refusal)	Everybody	unaltered

Variable name	Description	Answer categories and codes	Filter	Anonymisation rule
<b><i>Provision of informal care or assistance</i></b>				
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 missing (don't know, refusal)	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 missing (don't know, refusal) – 2 not applicable	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 missing (don't know, refusal) – 2 not applicable	if IC1 = 1	unaltered