

# The **Irish** Longitudinal Study on Ageing

## Derived Variables Codebook

### Wave 1

**Irish Longitudinal Study on Ageing,**  
Trinity Central,  
152-160 Pearse St,  
Dublin 2,  
D02 R590,  
Republic of Ireland

Telephone: +353 1 896 2509 Fax: +353 1 896 2451

The Irish Longitudinal Study on Ageing is funded by:

This codebook contains information on additional variables included in the TILDA Wave 1 dataset. Notes on how the variable was derived are included where necessary.

A list of the original variables used for derivation are included. Please note that not all original variables are included in released versions of the datasets.

Where possible, details of any original documentation relating to scale scoring or information are included.

For any further enquires on variables not listed here, please refer to the TILDA release guide available on the [ISSDA website](#) or contact the TILDA team ([tilda@tcd.ie](mailto:tilda@tcd.ie)).

<http://www.tilda.ie>

The logo for TILDA, featuring the word 'tilda' in a bold, lowercase, sans-serif font. The 'i' is green, and the 'l' is blue. The 'd' and 'a' are also blue.

Staidéar Fadaimseartha na  
hÉireann um Dhul in Aois

---

The Irish Longitudinal  
Study on Ageing

## Contents

DIS Section .....	9
DISimpairments .....	9
DISadl .....	9
DISiadl .....	9
DISdisab3 .....	10
DISdisab4 .....	10
DISspouse .....	11
DISchild .....	11
DISotherrel .....	11
DISnonrel .....	11
DISanyhelp .....	12
DIShoursspouse .....	12
DIShoursspouse .....	12
DIShoursreschild .....	12
DIShoursnonreschild .....	13
DIShoursother .....	13
DISoutofpocket .....	13
DISanypayment .....	13
DISlongterm .....	13
DISvision .....	14
DIShearing .....	14
DISconverse1 .....	15
DISconverse4 .....	15
DIStaste .....	15
DISsmell .....	16
DIShelpwithadliadl .....	17
DIShelpwithadliadlperson .....	18
MD Section .....	19
MDmeds4 .....	19
MDmeds .....	19
MDpolypharmacy .....	19
MDsupplements .....	20
MDmeds_excl_supps .....	20
MDpoly_excl_supps .....	20
MDantidepressant .....	20
MDantihypertensives .....	21

MDantihypertensives2.....	21
MDantihypertensivesC02 .....	21
MDantihypertensivesC03 .....	22
MDantihypertensivesC07 .....	22
MDantihypertensivesC08 .....	22
MDantihypertensivesC09 .....	23
MDanticholinergic.....	23
MDanticholinergic_antidepressant.....	24
MDanticholinergic_urological .....	24
MDanticholinergic_other.....	24
MDbenzodiazepine.....	25
MDzed .....	25
MDace_bbb.....	26
MDace_nonbbb.....	26
MDarb_bbb.....	26
MDarb_nonbbb .....	27
MDarb_undbbb .....	27
MDccb_bbb.....	27
MDccb_nonbbb.....	28
MDantihypertensivesC08CEG.....	28
MDhypoglyc .....	29
MDinsulin .....	29
MDglycosides .....	29
Mdantiarrhythmics .....	30
MDvasodil.....	30
MDantiadren .....	30
MDdiur .....	31
MDlc_diur.....	31
MDhc_diur.....	31
MDnons_betab .....	32
MDs_betab.....	32
MDccb .....	32
MDace .....	33
MDarb.....	33
MDstatin .....	33
MDincont.....	34
MDalpha_bph.....	34

MDnsaid .....	34
MDopioid.....	35
MDantiepileptic.....	35
MDantipark .....	35
MDantipsych.....	36
MDnons_mari .....	36
MDssri .....	36
MDothertidep .....	37
MDantihist .....	37
MH Section.....	38
MHcesd_capi .....	38
MHdep3 .....	39
MHhadsa_scq.....	39
MHcasp19_total .....	40
MHcasp19_control .....	41
MHcasp19_autonomy.....	41
MHcasp19_pleasure .....	42
MHcasp19_selfreal.....	42
MHapq_tl_accr.....	43
MHapq_tl_cyc.....	43
MHapq_emo.....	44
MHapq_ctpve.....	45
MHapq_ctnve.....	46
MHapq_cqpve.....	46
MHapq_cqnve.....	47
MHapqmiss .....	48
MHpennworry .....	48
MHucla_loneliness .....	49
MHcapi_loneliness .....	50
COG Section.....	51
COGimmediatedrecall1 .....	51
COGimmediatedrecall2 .....	51
COGdelayedrecall .....	51
IPAQ Section .....	52
IPAQmetminutes .....	52
IPAQexercise3 .....	52
INC Section.....	54

INCASSassets .....	54
INCASSassets5 .....	54
INCASSETSweeklyHHdisy .....	54
SES Section.....	55
SESfatherSocialClass .....	55
SEScurrentSEG .....	55
SEScurrentSocialClass .....	56
SESpreviousSocialClass .....	56
SESmotherSocialClass .....	56
SESsocial_class.....	56
SOC Section.....	57
SOCliveswith5 .....	57
SOCliveswith3 .....	57
SOCchildren18.....	57
SOCchildren14.....	58
SOChomeChild .....	58
SOCminorChildren.....	58
SOCawayChild.....	58
SOCtotalChild .....	58
SOCProxChld.....	59
SOCpalive.....	59
SOCF2F_M_alive .....	59
SOCF2F_B_alive .....	60
SOCF2F_F_alive.....	60
SOCTransfers.....	61
SOChhfinfromchildren .....	61
SOChhnonfinfromchildren.....	61
SOChhlargesumtochildren .....	62
SOChhfintochildren.....	62
SOChhchildcare .....	62
SOChhnonfintochildren .....	63
SOCfinfromchildren .....	63
SOCnonfinfromchildren .....	63
SOClargesumtochildren.....	64
SOChhfintochildren.....	64
SOCchildcare .....	64
SOCnonfintochildren.....	65

SOCmarried .....	65
SOCsandwich .....	65
SOCtrans_Par_Or_Chld .....	65
SOCtrans_Par_Or_Chld .....	66
SOCsocPartip .....	66
SOChelpfromNeighbour .....	66
SOChelptoNeighbour .....	66
SOCchurch .....	67
SOCclubs .....	67
SOCrelFriends .....	67
SOCcloseTies .....	67
SOCcloseTies .....	68
SOCyearlyactivity .....	68
SOCmonthlyactivity .....	69
SOCweeklyactivity .....	69
SOCyearlyactivity2 .....	70
SOCmonthlyactivity2 .....	70
SOCweeklyactivity2 .....	71
SOCsoc_rel_1 .....	71
SOCsoc_rel_2 .....	71
SOCsoc_rel_3 .....	72
SOCsoc_rel_4 .....	72
SCR Section .....	76
SCRflu .....	76
SCRchol .....	76
SCRprostate .....	76
SCRbreastlumps .....	76
SCRmammogram .....	77
BEH Section .....	78
BEHalc_freq_week .....	78
BEHalc_drinksperday .....	78
BEHalc_drinksperweek .....	78
BEHalc_doh_limit .....	79
BEHsmoker .....	79
BEHcage .....	79
Imputed Assets and Income .....	80
G2Gh1atoth .....	80

G2Gh1aftoth.....	80
G2Gh1atof .....	81
G2Gh1aftotf .....	81
G2Gh1atotb.....	82
G2Gh1aftotb.....	82
G2Gh1icap .....	83
G2Gh1ifcap.....	83
G2Gr1ipubpen.....	84
G2Gr1ifpubpen.....	84
G2Gs1ipubpen.....	85
G2Gs1ipubpen.....	85
G2Gh1itot .....	86
G2Gh1iftot .....	86



## **DIS Section**

Disability, functional impairment and helpers

### **DISimpairments**

Description: A count of the impairments listed in variables fl001\_01 – fl001\_11. A +1 is added for every impairment the respondent has said they have.

Notes: Variable is top coded at 10 impairments (10+).

Impairments included:

- Walking 100 meters (100 yards)
- Running/Jogging about 1.5 kilometres
- Sitting for about two hours
- Getting up from a chair after sitting
- Climbing several flights of stairs
- Stooping, kneeling or crouching
- Reaching or extending your arms about your head
- Pulling or pushing large objects like a living room chair
- Lifting or carrying weights over 10 pounds/5 kilos
- Picking up a small coin from a table

Variables used:

fl001\_01, fl001\_02, fl001\_03, fl001\_04, fl001\_05, fl001\_06, fl001\_07, fl001\_08, fl001\_09, fl001\_10, fl001\_11,

### **DISadl**

Description: A count of the ADLs listed in fl002\_1 – fl002\_6. A +1 is added for every ADL the respondent has said they have.

Notes: Variable coded as 0 if [DISimpairments](#) is 0. Variable top coded at 5 ADLs.

ADLs included:

- Dressing, including putting on shoes and socks
- Walking across a room
- Bathing or showering
- Eating, such as cutting up your food
- Getting in our out of bed
- Using the toilet, including getting up or down

Variables used:

fl002\_1, fl002\_2, fl002\_3, fl002\_4, fl002\_5, fl002\_6

### **DISiadl**

Description: A count of IADLs listed in fl025\_1 – fl025\_6. A +1 is added for every IADL the respondent has said they have.

Notes: Variable top coded at 5 IADLs.

IADLs included:

- Preparing a hot meal
- Doing household chores
- Shopping for groceries
- Making telephone calls
- Taking medications
- Managing money, such as paying bills and keeping track of expenses

Variables used:

f1025\_1, f1025\_2, f1025\_3, f1025\_4, f1025\_5, f1025\_6

### **DISdisab3**

Description: Indicator variable for whether the respondent has an IADL or any ADL.

Response options:

0 = Not disabled

1 = IADL disability only

2 = Any ADL disability

Variables used:

iadl, adl

### **DISdisab4**

Description: Indicator variable for whether the respondent has either only an ADL, an IADL or both and IADL and ADL disability.

Response options:

0 = Not disabled

1 = IADL disability only

2 = ADL disability only

3 = IADL and ADL disability

Variables used:

iadl, adl

### **DISpouse**

Description: Indicates whether spouse of respondent has provided help with any ADLs/IADLs. Both resident spouse and non-resident spouse are included.

Response options:

0 = No

1 = Yes

Variables used:

cm010, fl020a fl022b\_1 fl022b\_3 fl022b\_2 fl032a fl034b\_1 fl034b\_2 fl034\_3 fl037a fl039b\_1  
fl039b\_2 fl039b\_3, fl021 fl024\_1 fl024\_3 fl024\_2 fl033 fl036\_1 fl036\_2 fl036\_3 fl038 fl041\_1  
fl041\_2 fl041\_3

### **DISchild**

Description: Indicates whether child of respondent has provided help with any ADLs/IADLs. Resident and non-resident children, step children, adopted children and children in law are included.

Response options:

0 = No

1 = Yes

Variables used:

cm010, fl020a fl022b\_1 fl022b\_3 fl022b\_2 fl032a fl034b\_1 fl034b\_2 fl034\_3 fl037a fl039b\_1  
fl039b\_2 fl039b\_3, fl021 fl024\_1 fl024\_3 fl024\_2 fl033 fl036\_1 fl036\_2 fl036\_3 fl038 fl041\_1  
fl041\_2 fl041\_3

### **DISotherrel**

Description: Indicates whether other relative of respondent has provided help with any ADLs/IADLs. Includes resident and non-resident parent, parent-in-law, brother/sister, brother-in-law/sister-in-law, grandparent, grandparent-in-law and any other relative.

Response options:

0 = No

1 = Yes

Variables used:

cm010, fl020a fl022b\_1 fl022b\_3 fl022b\_2 fl032a fl034b\_1 fl034b\_2 fl034\_3 fl037a fl039b\_1  
fl039b\_2 fl039b\_3, fl021 fl024\_1 fl024\_3 fl024\_2 fl033 fl036\_1 fl036\_2 fl036\_3 fl038 fl041\_1  
fl041\_2 fl041\_3

### **DISnonrel**

Description: Indicates whether other relative of respondent has provided help with any ADLs/IADLs. Includes any resident or non-resident non-relative.

Response options:

0 = No

1 = Yes

Variables used:

cm010, fl020a fl022b\_1 fl022b\_3 fl022b\_2 fl032a fl034b\_1 fl034b\_2 fl034\_3 fl037a fl039b\_1  
fl039b\_2 fl039b\_3, fl021 fl024\_1 fl024\_3 fl024\_2 fl033 fl036\_1 fl036\_2 fl036\_3 fl038 fl041\_1  
fl041\_2 fl041\_3

### **DISanyhelp**

Description: Indicates whether respondent has received any help with ADLs/IADLs.

Notes: Set to missing if there is no response to helper questions.

Response options:

0 = No

1 = Yes

Variables used:

cm010, fl020a fl022b\_1 fl022b\_3 fl022b\_2 fl032a fl034b\_1 fl034b\_2 fl034\_3 fl037a fl039b\_1  
fl039b\_2 fl039b\_3, fl021 fl024\_1 fl024\_3 fl024\_2 fl033 fl036\_1 fl036\_2 fl036\_3 fl038 fl041\_1  
fl041\_2 fl041\_3

### **DIShoursspouse**

Description: Shows the number of hours per month the spouse has spent caring for respondent.

Notes: Multiple helpers can be included

Response options:

0 = No

1 = Yes

Variables used:

fl042\_1, fl043\_1, fl042\_2, fl042\_2

### **DIShoursspouse**

Description: Shows the number of hours per month the spouse has spent caring for respondent.

Notes: Multiple helpers can be included

Variables used:

fl042\_1, fl043\_1, fl042\_2, fl042\_2

### **DIShoursreschild**

Description: Shows the number of hours per month resident children have spent caring for respondent.

Notes: Multiple helpers can be included

Variables used:

fl042\_3 – fl042\_22, fl043\_3 – fl043\_22, cm010, cm016

### **DIShoursnonreschild**

Description: Shows the number of hours per month non-resident children have spent caring for respondent.

Notes: Multiple helpers can be included

Variables used:

fl042x\_1 – fl042x\_20, fl043x\_1 – fl043x\_20

### **DIShoursother**

Description: Shows the number of hours per month any other helpers have spent caring for respondent.

Notes: Multiple helpers can be included

Variables used:

fl042x\_1 – fl042x\_20, fl043x\_1 – fl043x\_20

### **DISoutofpocket**

Description: Expenses paid for carers not including any HSE/Health Board funding

Variables used:

fl048\_1 – fl048\_34, fl048x\_1 – fl048x\_34

### **DISanypayment**

Description: Indicator variable for whether any costs were paid to carer from any source

Response options:

0 = No

1 = Yes

Variables used:

fl045bx\_1 - fl045bx\_20

### **DISlongterm**

Description: Indicates whether respondent has a long term illness or a limiting long term illness.

Notes: Only those who answer yes to a long term illness are asked the follow up question regarding the illness or disability limiting their activities in any way.

Response options:

0 = No long term illness

1 = Long term illness

2 = Limiting long term illness

Variables used:

ph003, ph004

### **DISvision**

Description: Respondent's self-rated vision rated on a scale of 1 to 5

Notes: Cloned variable of ph102.

Response options:

1 = Excellent

2 = Very good

3 = Good

4 = Fair

5 = Poor / Legally blind

Variables used:

ph102

### **DIShearing**

Description: Respondent's self-rated hearing rated on a scale of 1 to 5.

Notes: Cloned variable of ph108.

Response options:

1 = Excellent

2 = Very good

3 = Good

4 = Fair

5 = Poor

Variables used:

ph108

### **DISconverse1**

Description: Whether respondent has difficulty following a conversation with one person.

Response options:

1 = None

2 = Some

3 = Much/impossible

Variables used:

ph109

### **DISconverse4**

Description: Whether respondent has difficulty following a conversation with four people.

Notes: Don't know/Refused set to missing. Cloned variable of ph110.

Response options:

1 = With no difficulty

2 = With some difficulty

3 = With much difficulty

4 = No I cannot

Variables used:

ph110

### **DIStaste**

Description: Respondent's self-rated sense of taste.

Notes: Don't know/Refused set to missing. Cloned variable of ph113.

1 = Excellent

2 = Very good

3 = Good

4 = Fair

5 = Poor

Variables used:

ph113

**DISsmell**

Description: Respondent's self-rated sense of smell.

Notes: Don't know/Refused set to missing. Cloned variable of ph112.

1 = Excellent

2 = Very good

3 = Good

4 = Fair

5 = Poor

Variables used:

ph112



**DIShelpwithadiadl**

Description: Whether participant receives any help with an ADL or IADL.

Notes: Don't know/Refused set to missing.

0 = Does not receive help with an ADL or IADL

1 = Receives help with ADL or IADL

Variables used:

fl005 fl008 fl011 fl013 fl016 fl019 fl026 fl027 fl028 fl029 fl030 fl031

### **DIShelpwithadliadlperson**

Description: Who participant receives help with an ADL or IADL from.

Notes: Don't know/Refused set to missing. Main helper taken as priority.

0 = Does not receive help with an ADL or IADL

1 = Receives help with ADL or IADL from spouse

2 = Receives help from other person

Variables used:

fl021 fl033

## **MD Section**

Medications

### **MDmeds4**

Description: Number of medications reported by respondent coded into categories.

0 = 0

1 = 1-2

2 = 3-4

3 =  $\geq 5$

Variables used:

md001a\_1 - md001a\_20

md001b\_1 – md001b\_20

### **MDmeds**

Description: Number of medications reported by respondent.

Notes: Medications are top coded at 14

Variables used:

md001a\_1 - md001a\_20

md001b\_1 – md001b\_20

### **MDpolypharmacy**

Description: Indicator variable for respondents who report more than five medications.

0 = No

1 = Yes

Variables used:

md001a\_1 - md001a\_20

md001b\_1 – md001b\_20

### **MDsupplements**

Description: Count of any supplements taken by respondent

Notes: ATC codes from medications question used to determine supplements

Variables used:

md001a\_1 - md001a\_20

md001b\_1 – md001b\_20

### **MDmeds\_excl\_supps**

Description: Count of any medications excluding any supplements

Notes: ATC codes from medications question used to determine supplements. Variable is top-coded at 12 medications.

Variables used:

md001a\_1 - md001a\_20

md001b\_1 – md001b\_20

### **MDpoly\_excl\_supps**

Description: Indicator of respondents who report more than five medications excluding any supplements taken

Notes: ATC codes from medications question used to determine supplements.

0 = No

1 = Yes

Variables used:

md001a\_1 - md001a\_20

md001b\_1 – md001b\_20

### **MDantidepressant**

Description: Indicator of respondents who take any anti-depressant medication

Notes: Anti-depressants determined by medications with ATC code N06A.

0 = No

1 = Yes

Variables used:

md001a\_1 - md001a\_20

md001b\_1 – md001b\_20

### **MDantihypertensives**

Description: Indicator of respondents who take any anti-hypertensive medication with ATC code C02 or C07

0 = No

1 = Yes

Variables used:

md001a\_1 - md001a\_20

md001b\_1 – md001b\_20

### **MDantihypertensives2**

Description: Indicator of respondents who take any anti-hypertensive medication with ATC code C02, C03, C07, C08, C09

0 = No

1 = Yes

Variables used:

md001a\_1 - md001a\_20

md001b\_1 – md001b\_20

### **MDantihypertensivesC02**

Description: Indicator of respondents who take anti-hypertensive medication with ATC code C02

0 = No

1 = Yes

Variables used:

md001a\_1 - md001a\_20

md001b\_1 – md001b\_20

### **MDantihypertensivesC03**

Description: Indicator of respondents who take anti-hypertensive medication with ATC code C03

0 = No

1 = Yes

Variables used:

md001a\_1 - md001a\_20

md001b\_1 – md001b\_20

### **MDantihypertensivesC07**

Description: Indicator of respondents who take anti-hypertensive medication with ATC code C07

0 = No

1 = Yes

Variables used:

md001a\_1 - md001a\_20

md001b\_1 – md001b\_20

### **MDantihypertensivesC08**

Description: Indicator of respondents who take anti-hypertensive medication with ATC code C08

0 = No

1 = Yes

Variables used:

md001a\_1 - md001a\_20

md001b\_1 – md001b\_20

### **MDantihypertensivesC09**

Description: Indicator of respondents who take anti-hypertensive medication with ATC code C09

0 = No

1 = Yes

Variables used:

md001a\_1 - md001a\_20

md001b\_1 – md001b\_20

### **MDanticholinergic**

Description: Indicator of respondents who take anticholinergic medications. Calculated using the ACB scale, only includes medicines with ACB score of 3.

ATC codes: A03AA07 A03AB05 A03BA01 A03BA03 A03BB01 G04BD02 G04BD04 G04BD05  
G04BD06 G04BD07 G04BD08 G04BD09 G04BD10 G04BD11 M03BA03 M03BC01 N04AA01  
N04AA02 N04AA04 N04AB02 N04AC01 N05AA01 N05AA03 N05AB03 N05AB06 N05AC02  
N05AH03 N05AH04 N05BB01 N05CM05 N06AA N06AB05 R06AA02 R06AA04 R06AA08  
R06AA09 R06AA52 R06AB01 R06AB04 R06AD02 R06AE05

Also includes N02BE51 if drugname is UNIFLU

0 = No

1 = Yes

Variables used:

md001a\_1 - md001a\_20

md001b\_1 – md001b\_20

### **MDanticholinergic\_antidepressant**

Description: Indicator of respondents who take anticholinergic antidepressant medications. Calculated using the ACB scale, only includes medicines with ACB score of 3.

ATC codes: N06AA N06AB05

0 = No

1 = Yes

Variables used:

md001a\_1 - md001a\_20

md001b\_1 – md001b\_20

### **MDanticholinergic\_urological**

Description: Indicator of respondents who take anticholinergic urological medications. Calculated using the ACB scale, only includes medicines with ACB score of 3.

ATC codes: G04BD02 G04BD04 G04BD05 G04BD06 G04BD07 G04BD08 G04BD09 G04BD10  
G04BD

110 = No

1 = Yes

Variables used:

md001a\_1 - md001a\_20

md001b\_1 – md001b\_20

### **MDanticholinergic\_other**

Description: Indicator of respondents who take anticholinergic medications not in other subgroups.

ATC codes: M03BA03 M03BC01 N05CM05 N05BB01 N05AA01 N05AA03 N05AB03 N05AB06  
N05AC02 N05AH03 N05AH04 A03AA07 A03AB05 A03BA01 A03BA03 A03BB01 N04AA01  
N04AA02 N04AA04 N04AB02 N04AC01 N02BE51 (Uniflu)

0 = No

1 = Yes

Variables used:

md001a\_1 - md001a\_20

md001b\_1 – md001b\_20



### **MDbenzodiazepine**

Description: Indicator of respondents who take benzodiazepines

ATC codes: N05BA N05CD N03AE

0 = No

1 = Yes

Variables used:

md001a\_1 - md001a\_20

md001b\_1 – md001b\_20

### **MDzed**

Description: Indicator of respondents who take Z-drugs

ATC codes: N05CF

0 = No

1 = Yes

Variables used:

md001a\_1 - md001a\_20

md001b\_1 – md001b\_20

**MDace\_bbb**

Description: Indicator of respondents who take a BBB crossing ACE inhibitor

Response options:

0 = No

1 = Yes

Variables used:

MDmeds, MDatc1-DMatc20

**MDace\_nonbbb**

Description: Indicator of respondents who take a non-BBB crossing ACE inhibitor

Response options:

0 = No

1 = Yes

Variables used:

MDmeds, MDatc1-DMatc20

**MDarb\_bbb**

Description: Indicator of respondents who take a BBB crossing ARB

Response options:

0 = No

1 = Yes

Variables used:

MDmeds, MDatc1-DMatc20

**MDarb\_nonbbb**

Description: Indicator of respondents who take a non-BBB crossing ARB

Response options:

0 = No

1 = Yes

Variables used:

MDmeds, MDatc1-DMatc20

**MDarb\_undbbb**

Description: Indicator of respondents who take an undetermined ARB

Response options:

0 = No

1 = Yes

Variables used:

MDmeds, MDatc1-DMatc20

**MDccb\_bbb**

Description: Indicator of respondents who take a BBB crossing Calcium channel blocker

Response options:

0 = No

1 = Yes

Variables used:

MDmeds, MDatc1-DMatc20

**MDccb\_nonbbb**

Description: Indicator of respondents who take a non-BBB crossing Calcium channel blocker

Response options:

0 = No

1 = Yes

Variables used:

MDmeds, MDatc1-DMatc20

**MDantihypertensivesC08CEG**

Description: Indicator of respondents who take an antihypertensive from ATC C08C, C08E, or C0

MDppi

Description: Taking any Proton pump inhibitor

Response options:

0 = No

1 = Yes

Variables used:

MDmeds, MDatc1-DMatc20

### **MDhypoglyc**

Description: Taking any Blood glucose lowering drug, excl. insulins

Notes: derived variables for the consortium for prediction model of drug-related falls

Response options:

0 = No

1 = Yes

Variables used:

MDatc1-DMatc20

### **MDinsulin**

Description: Taking any Insulins and analogues

Notes: derived variables for the consortium for prediction model of drug-related falls

Response options:

0 = No

1 = Yes

Variables used:

MDatc1-DMatc20

### **MDglycosides**

Description: Taking any Cardiac glycosides

Notes: derived variables for the consortium for prediction model of drug-related falls

Response options:

0 = No

1 = Yes

Variables used:

MDatc1-DMatc20

### **MDantiarrhythmics**

Description: Taking any Antiarrhythmics, class I and III

Notes: derived variables for the consortium for prediction model of drug-related falls

Response options:

0 = No

1 = Yes

Variables used:

MDatc1-DMatc20

### **MDvasodil**

Description: Taking any Vasodilators used in cardiac diseases

Notes: derived variables for the consortium for prediction model of drug-related falls

Response options:

0 = No

1 = Yes

Variables used:

MDatc1-DMatc20

### **MDantiadren**

Description: Taking any Antiadrenergic agents, antihypertensives

Notes: derived variables for the consortium for prediction model of drug-related falls

Response options:

0 = No

1 = Yes

Variables used:

MDatc1-DMatc20

**MDdiur**

Description: Taking any Diuretic use

Notes: derived variables for the consortium for prediction model of drug-related falls

Response options:

0 = No

1 = Yes

Variables used:

MDatc1-DMatc20

**MDlc\_diur**

Description: Taking any Low-ceiling diuretics

Notes: derived variables for the consortium for prediction model of drug-related falls

Response options:

0 = No

1 = Yes

Variables used:

MDatc1-DMatc20

**MDhc\_diur**

Description: Taking any High-ceiling diuretics

Notes: derived variables for the consortium for prediction model of drug-related falls

Response options:

0 = No

1 = Yes

Variables used:

MDatc1-DMatc20

**MDnons\_betab**

Description: Taking any Non-selective beta-blocker use

Notes: derived variables for the consortium for prediction model of drug-related falls

Response options:

0 = No

1 = Yes

Variables used:

MDatc1-DMatc20

**MDs\_betab**

Description: Taking any Selective beta blocker use

Notes: derived variables for the consortium for prediction model of drug-related falls

Response options:

0 = No

1 = Yes

Variables used:

MDatc1-DMatc20

**MDccb**

Description: Taking any Calcium channel blockers

Notes: derived variables for the consortium for prediction model of drug-related falls

Response options:

0 = No

1 = Yes

Variables used:

MDatc1-DMatc20



**MDace**

Description: Taking any ACE inhibitors

Notes: derived variables for the consortium for prediction model of drug-related falls

Response options:

0 = No

1 = Yes

Variables used:

MDatc1-DMatc20

**MDarb**

Description: Taking any Angiotensin II Antagonist

Notes: derived variables for the consortium for prediction model of drug-related falls

Response options:

0 = No

1 = Yes

Variables used:

MDatc1-DMatc20

**MDstatin**

Description: Taking any Statins

Notes: derived variables for the consortium for prediction model of drug-related falls

Response options:

0 = No

1 = Yes

Variables used:

MDatc1-DMatc20

**MDincont**

Description: Taking any Drugs for urinary frequency and incontinence

Notes: derived variables for the consortium for prediction model of drug-related falls

Response options:

0 = No

1 = Yes

Variables used:

MDatc1-DMatc20

**MDalpha\_bph**

Description: Taking any Alpha-adrenoreceptor antagonist used in benign prostatic hypertrophy

Notes: derived variables for the consortium for prediction model of drug-related falls

Response options:

0 = No

1 = Yes

Variables used:

MDatc1-DMatc20

**MDnsaid**

Description: Taking any NSAID

Notes: derived variables for the consortium for prediction model of drug-related falls

Response options:

0 = No

1 = Yes

Variables used:

MDatc1-DMatc20

### **MDopiod**

Description: Taking any Opioids

Notes: derived variables for the consortium for prediction model of drug-related falls

Response options:

0 = No

1 = Yes

Variables used:

MDatc1-DMatc20

### **MDantiepileptic**

Description: Taking any Antiepileptics

Notes: derived variables for the consortium for prediction model of drug-related falls

Response options:

0 = No

1 = Yes

Variables used:

MDatc1-DMatc20

### **MDantipark**

Description: Taking any Anti-parkinson drugs

Notes: derived variables for the consortium for prediction model of drug-related falls

Response options:

0 = No

1 = Yes

Variables used:

MDatc1-DMatc20

### **MDantipsych**

Description: Taking any Antipsychotics

Notes: derived variables for the consortium for prediction model of drug-related falls

Response options:

0 = No

1 = Yes

Variables used:

MDatc1-DMatc20

### **MDnons\_mari**

Description: Taking any Non-selective monoamine reuptake inhibitors

Notes: derived variables for the consortium for prediction model of drug-related falls

Response options:

0 = No

1 = Yes

Variables used:

MDatc1-DMatc20

### **MDssri**

Description: Taking any SSRIs

Notes: derived variables for the consortium for prediction model of drug-related falls

Response options:

0 = No

1 = Yes

Variables used:

MDatc1-DMatc20

### **MDothertidep**

Description: Taking any Other Antidepressant

Notes: derived variables for the consortium for prediction model of drug-related falls

Response options:

0 = No

1 = Yes

Variables used:

MDatc1-DMatc20

### **MDantihist**

Description: Taking any Antihistamines

Notes: derived variables for the consortium for prediction model of drug-related falls

Response options:

0 = No

1 = Yes

Variables used:

MDatc1-DMatc20

## **MH Section**

Scales and questions on mental health and wellbeing

### **MHcesd\_capi**

Description: Overall result of the CES-D scale.

Notes: CES-D is set as missing if any scale question has a missing response.

Response options for scale questions (mh001-mh020):

1 = Rarely or none of the time (less than 1 day)

2 = Some or a little of the time (1-2 days)

3 = Occasionally or a moderate amount of time (3-4 days)

4 = All of the time (5-7 days)

Scoring is as follows –

mh001, mh002, mh003, mh005, mh006, mh007, mh009, mh010, mh011, mh013, mh014, mh015, mh017, mh018, mh019, mh020:

The scale adds the value of the participant's response minus 1.

E.G. For response "Some of a little of the time", a 1 would be added to the scale result ( $2 - 1 = 1$ ).

mh004, mh008, mh012, mh016:

The scale adds 4 minus the value of the participant's response

E.G. For response "Some or a little of the time", a 2 would be added to the scale result ( $4 - 2 = 2$ )

Variables used:

mh001 - mh020

Further information:

Radloff LS. The CES-D scale: a self-report depression scale for research in the general population. *Applied Psychological Measurement*. 1977;1:385-401.

### **MHdep3**

Description: Categorical scoring of the CES-D.

Response options:

0 = None/Mild

1 = Moderate

2 = Severe

Variables used:

mh001 - mh020

For details on the scoring of the CES-D, please refer to [MHcesd\\_capi](#)

### **MHhadsa\_scq**

Description: Overall result of the HADs anxiety scale.

Notes: SCQ only. HADs scale is set as missing if any question has missing response.

Scoring is as follows –

SCQAnxiety4, SCQAnxiety5:

The scale adds the value of the participant's response minus 1.

E.G. For question SCQAnxiety4, with the response "Usually", a 1 would be added to the scale result ( $2 - 1 = 1$ ).

SCQAnxiety1, SCQAnxiety2, SCQAnxiety3, SCQAnxiety6, SCQAnxiety7:

The scale adds 4 minus the value of the participant's response

E.G. For question SCQAnxiety1, with the response "A lot of the time", a 2 would be added to the scale result ( $4 - 2 = 2$ )

Variables used:

SCQAnxiety1 – SCQAnxiety7

Further information:

Zigmond, AS; Snaith, RP (1983). "The hospital anxiety and depression scale". *Acta Psychiatrica Scandinavica* 67 (6): 361–370

## **MHcasp19\_total**

Description: Overall result including all domains of the CASP-19 scale.

Notes: SCQ only. CASP scale is set as missing if any question has a missing response.

Response Options:

1 = Often

2 = Not often

3 = Sometimes

4 = Never

Scoring is as follows –

SCQCASP1, 2, 4, 6, 8 and 9 are reverse scored.

SCQCASP1, SCQCASP2, SCQCASP4, SCQCASP6, SCQCASP8, SCQCASP9:

The scale adds the value of the participant's response minus 1.

E.G. For question SCQCASP1, with the response "Not Often", a 1 would be added to the scale result ( $2 - 1 = 1$ ).

SCQCASP3, SCQCASP5, SCQCASP7, SCQCASP10, SCQCASP11, SCQCASP12, SCQCASP13, SCQCASP14, SCQCASP15, SCQCASP16, SCQCASP17, SCQCASP18, SCQCASP19:

The scale adds 4 minus the value of the participant's response

E.G. For question SCQCASP3, with the response "Not often", a 2 would be added to the scale result ( $4 - 2 = 2$ )

Variables used:

SCQCASP1 – SCQCASP19

Further information:

M. Hyde , R. D. Wiggins , P. Higgs & D. B. Blane (2003) A measure of quality of life in early old age: The theory, development and properties of a needs satisfaction model (CASP-19), *Aging & Mental Health*, 7:3, 186-194



## **MHcasp19\_control**

Description: Result of the control domain of the CASP-19 scale.

Notes: SCQ only

Response Options:

1 = Often

2 = Not often

3 = Sometimes

4 = Never

The control domain includes the CASP1 – CASP4 items.

SCQCASP1, 2 and 4, are reverse scored.

Variables used:

SCQCASP1 – SCQCASP4

For more details on scoring, please refer to [MHcasp19\\_total](#)

## **MHcasp19\_autonomy**

Description: Result of the autonomy domain of the CASP-19 scale.

Notes: SCQ only

Response Options:

1 = Often

2 = Not often

3 = Sometimes

4 = Never

The control domain includes the CASP5 – CASP9 items.

SCQCASP6, 8 and 9, are reverse scored.

Variables used:

SCQCASP5 – SCQCASP9

For more details on scoring, please refer to [MHcasp19\\_total](#)

### **MHcasp19\_pleasure**

Description: Result of the pleasure domain of the CASP-19 scale.

Notes: SCQ only

Response Options:

1 = Often

2 = Not often

3 = Sometimes

4 = Never

The control domain includes the CASP10 – CASP14 items.

Variables used:

SCQCASP10 – SCQCASP14

For more details on scoring, please refer to [MHcasp19\\_total](#)

### **MHcasp19\_selfreal**

Description: Result of the self-realisation domain of the CASP-19 scale.

Notes: SCQ only

Response Options:

1 = Often

2 = Not often

3 = Sometimes

4 = Never

The control domain includes the CASP15 – CASP19 items.

Variables used:

SCQCASP15 – SCQCASP19

For more details on scoring, please refer to [MHcasp19\\_total](#)

### **MHapq\_tl\_accr**

Description: Result of the timeline – acute/chronic sub-dimension of the ageing perceptions questionnaire.

Notes: SCQ only. Result is set to missing if any scale items have a missing response.

#### Response Options:

1 = Strongly disagree

2 = Disagree

3 = Neither agree nor disagree

4 = Agree

5 = Strongly agree

#### Scoring:

The scale score is the mean result across all items included in the sub-dimension. Each item is worth the value of their response option number.

The timeline-acute/chronic sub-dimension includes the AgePrc1 – AgePrc5 items.

#### Variables used:

SCQAgePrc1 – SCQAgePrc5

#### Further information:

Barker M, O'Hanlon A, McGee HM, Hickey A, Conroy RM. Cross-sectional validation of the Aging Perceptions Questionnaire: a multidimensional instrument for assessing self-perceptions of aging. *BMC Geriatr.* 2007;7:9.

### **MHapq\_tl\_cyc**

Description: Result of the timeline – cyclic sub-dimension of the ageing perceptions questionnaire.

Notes: SCQ only. Result is set to missing if any scale items have a missing response.

#### Response Options:

1 = Strongly disagree

2 = Disagree

3 = Neither agree nor disagree

4 = Agree

5 = Strongly agree

**Scoring:**

The scale score is the mean result across all items included in the sub-dimension. Each item is worth the value of their response option number.

The timeline-acute/chronic sub-dimension includes the AgePrc27 – AgePrc32 items.

Variables used:

SCQAgePrc1 – SCQAgePrc5

Further information:

Refer to [Mhapq\\_tl\\_accr](#)

**MHapq\_emo**

Description: Result of the emotional representations sub-dimension of the ageing perceptions questionnaire.

Notes: SCQ only. Result is set to missing if any scale items have a missing response.

Response Options:

1 = Strongly disagree

2 = Disagree

3 = Neither agree nor disagree

4 = Agree

5 = Strongly agree

**Scoring:**

The scale score is the mean result across all items included in the sub-dimension. Each item is worth the value of their response option number.

The timeline-acute/chronic sub-dimension includes the AgePrc9, 13, 25, 26, 29 items.

Variables used:

SCQAgePrc9, SCQAgePrc13, SCQAgePrc25, SCQAgePrc26, SCQAgePrc29

Further information:

Refer to [Mhapq\\_tl\\_accr](#)

### **MHapq\_ctpve**

Description: Result of the control positive sub-dimension of the ageing perceptions questionnaire.

Notes: SCQ only. Result is set to missing if any scale items have a missing response.

Response Options:

1 = Strongly disagree

2 = Disagree

3 = Neither agree nor disagree

4 = Agree

5 = Strongly agree

Scoring:

The scale score is the mean result across all items included in the sub-dimension. Each item is worth the value of their response option number.

The timeline-acute/chronic sub-dimension includes the AgePrc10, 11, 12, 14, 15 items.

Variables used:

SCQAgePrc10, SCQAgePrc11, SCQAgePrc12, SCQAgePrc13, SCQAgePrc14, SCQAgePrc15

Further information:

Refer to [Mhapq\\_tl\\_accr](#)

### **MHapq\_ctnve**

Description: Result of the control negative sub-dimension of the ageing perceptions questionnaire.

Notes: SCQ only. Result is set to missing if any scale items have a missing response.

Response Options:

1 = Strongly disagree

2 = Disagree

3 = Neither agree nor disagree

4 = Agree

5 = Strongly agree

Scoring:

These items are reverse-scored. The response options stay the same, however they are scored as (Strongly agree = 5), (Disagree = 4), (Neither agree nor disagree = 3), (Agree = 2), (Strongly agree = 1). Using these scores, the mean across all items is calculated.

The timeline-acute/chronic sub-dimension includes the AgePrc21, 22, 23, 24 items.

Variables used:

SCQAgePrc21, SCQAgePrc22, SCQAgePrc23, SCQAgePrc24

Further information:

Refer to [Mhapq\\_tl\\_accr](#)

### **MHapq\_cqpve**

Description: Result of the consequences positive sub-dimension of the ageing perceptions questionnaire.

Notes: SCQ only. Result is set to missing if any scale items have a missing response.

Response Options:

1 = Strongly disagree

2 = Disagree

3 = Neither agree nor disagree

4 = Agree

5 = Strongly agree

**Scoring:**

The scale score is the mean result across all items included in the sub-dimension. Each item is worth the value of their response option number.

The timeline-acute/chronic sub-dimension includes the AgePrc6, 7, 8 items.

**Variables used:**

SCQAgePrc6, SCQAgePrc7, SCQAgePrc8

**Further information:**

Refer to [Mhapq\\_tl\\_accr](#)

**MHapq\_cqnve**

Description: Result of the consequences negative sub-dimension of the ageing perceptions questionnaire.

Notes: SCQ only. Result is set to missing if any scale items have a missing response.

**Response Options:**

1 = Strongly disagree

2 = Disagree

3 = Neither agree nor disagree

4 = Agree

5 = Strongly agree

**Scoring:**

The scale score is the mean result across all items included in the sub-dimension. Each item is worth the value of their response option number.

The timeline-acute/chronic sub-dimension includes the AgePrc16, 17, 18, 19, 20 items.

Variables used:

SCQAgePrc16, SCQAgePrc17, SCQAgePrc18, SCQAgePrc19, SCQAgePrc20

Further information:

Refer to [Mhapq\\_tl\\_accr](#)

## **MHapqmiss**

Description: A count of the number of missing items from the ageing perceptions scale from each participant.

Notes: SCQ only.

Variables used:

SCQAgePrc1 – SCQAgePrc20

## **MHpennworry**

Description: Overall result of the Penn State Worry scale.

Notes: SCQ only. Result is set to missing if any scale items have a missing response.

Response Options:

1 = Not at all typical

2 = In between

3 = Somewhat typical

4 = In between

5 = Very typical

Scoring:

The scale score is the result of all items added together. Each item is worth the value of their response option number.

Variables used:



## SCQWORRY1 – SCQWORRY8

Further information:

Meyer, T. J., Miller, M. L., Metzger, R. L., & Borkovec, T. D. (1990). Development and validation of the Penn State Worry Questionnaire. *Behav Res Ther*, 28(6), 487-495.

### **MHucla\_loneliness**

Description: Overall result of the UCLA Loneliness scale.

Notes: SCQ only. Result is set to missing if any scale items have a missing response.

Response Options:

1 = Often

2 = Some of the time

3 = Hardly ever or never

Scoring:

Scoring is as follows –

SCQLoneLns1, 2, 3, 5:

The scale adds 3 minus the value of the participant's response.

E.G. For response "Often", a 2 would be added to the scale result ( $3 - 1 = 2$ ).

SCQLoneLns4:

The scale adds value of the participant's response minus 1

E.G. For response "Some of the time", a 1 would be added to the scale result ( $2 - 1 = 1$ )

Variables used:

SCQLoneLns1 – SCQLoneLns5

Further information:

Russell, D. W. (1996). UCLA Loneliness Scale (Version 3): reliability, validity, and factor structure. *J Pers Assess*, 66(1), 20-40.

## **MHcapi\_loneliness**

Description: Frequency of loneliness taken from the CAPI questionnaire.

Notes: Don't know/Refused set to missing. Cloned variable of mh014.

1 = Rare of never

2 = Some of the time

3 = Moderate amount of the time

4 = All of the time

Variables used:

mh014

## **COG Section**

Questions on cognition

### **COGimmediatedrecall1**

Description: Results of the first immediate recall question combining those answering from lists read out by the interviewer and a list read out from a computer.

Variables used:

ph117, ph119

### **COGimmediatedrecall2**

Description: Results of the second immediate recall question combining those answering from lists read out by the interviewer and a list read out from a computer.

Variables used:

ph118, ph120

### **COGdelayedrecall**

Description: Results of the delayed recall question combining those answering from lists read out by the interviewer and a list read out from a computer.

Variables used:

ph712, ph713

## **IPAQ Section**

Derived results from the IPAQ questionnaire

### **IPAQmetminutes**

Description: Total met (metabolic equivalent) minutes spent on vigorous activities, moderate activities and walking by the respondent in the past 7 days.

Notes: Respondent is asked how many hours and minutes per day they spend on these activities. Max minutes are set to 180.

Met minutes are calculated as follows:

Hours per day spent on activities are multiplied by 60 and added to minutes

Amount of time walking (bh106, bh106a) is calculated by multiplying by the combined hours and minutes by the number of days the respondent has spent on these activities for at least 10 minutes at a time (bh105). This result is multiplied by 3.3.

Amount of time spent on moderate activities (bh104, bh104a) is calculated by multiplying by the combined hours and minutes by the number of days the respondent has spent on these activities for at least 10 minutes at a time (bh103). This result is multiplied by 4.0.

Amount of time spent on vigorous activities (bh102, bh102a) is calculated by multiplying by the combined hours and minutes by the number of days the respondent has spent on these activities for at least 10 minutes at a time (bh101). This result is multiplied by 8.0.

Variables used:

bh101, bh102, bh102a, bh103, bh104, bh104a, bh105, bh106, bh106a

Further information:

[http://www.institutferran.org/documentos/scoring\\_short\\_ipaq\\_april04.pdf](http://www.institutferran.org/documentos/scoring_short_ipaq_april04.pdf)

### **IPAQexercise3**

Description: Categories of how much physical activity the respondent has engaged in.

Categories –

0 = Low

1 = Moderate

2 = High

Notes: Respondent is asked how many hours and minutes per day they spend on these activities. Max minutes are set to 180.

Scores are categorised as follows:

*Moderate activity:*

- Respondents who have spent 3 or more days doing 20 minutes of vigorous activity.
- Respondents who have spent 30 minutes or more walking and in moderate exercise for at least 5 days.
- Respondents who have 5 or more days of any activity totalling more than 600 met minutes.

*High Activity:*

- Respondents who have spent 3 or more days on vigorous activity totalling 1500 or more met minutes.
- Respondents who have spent 7 or more days on all activities totalling more than 3000 met minutes.

*Low activity:*

- Respondents who have answered the questions but do not meet the criteria for either the moderate or high activity categories.

Variables used:

bh101, bh102, bh102a, bh103 bh104, bh104a, bh105, bh106, bh106a

## **INC Section**

Income variables

### **INCASSassets**

Description: Gross total assets of the respondent

Notes: Assets include deposit/savings account, life insurance, mutual funds/bonds/shares, cars, land, firm/business, inheritance and property. Liabilities are not accounted for and figure is gross total only.

Variables used:

as101, as103, as108, as111, as112, hw108

### **INCASSassets5**

Description: Gross total assets of the respondent in quintiles

Notes: INCASSassets variable recoded into quintiles. Refer to [INCASSassets](#) for information.

1. Lowest
2. 2<sup>nd</sup>
3. 3<sup>rd</sup>
4. 4<sup>th</sup>
5. Highest

Variables used:

as101, as103, as108, as111, as112, hw108

### **INCASSETSweeklyHHdisy**

Description: Weekly household disposable income.

Notes: Net amount of all sources of income after tax and social charges. Sum of current labour income, pension income, social transfers and other sources of income – individual level.

For more information on how this variable is derived, refer to pages 246-247 of [Fifty Plus in Ireland 2011: First results from the Irish Longitudinal Study on Ageing \(TILDA\)](#).

## **SES Section**

Socio-economic status variables

All social class and socio-economic group variables are coded as per the CSO's social coding scheme. An extra category is included for farmers as acreage was not asked in TILDA Wave 1.

The social class categories are as follows:

1. Professional Workers
2. Managerial and Technical
3. Non-manual
4. Skilled Manual
5. Semi-Skilled
6. Unskilled
7. Unknown/Refused

Socio-economic group has been coded into the following categories as per CSO definitions:

1. Employers and Managers
2. Higher professional
3. Lower professional
4. Non-manual
5. Manual skilled
6. Semi-skilled
7. Unskilled
8. Own account workers
9. Unknown/Don't Know/Refused/Uncodeable
10. Farm owners and managers

For more information on how social class and socio-economic group has been determined by the CSO, please refer to [http://www.cso.ie/en/media/csoie/census/documents/pser\\_appendix2.pdf](http://www.cso.ie/en/media/csoie/census/documents/pser_appendix2.pdf)

### **SESfatherSocialClass**

Description: Respondent's father's social class.

Notes: Refer to beginning of [SES Section](#) for details on social class coding.

Variables used:

dm008b

### **SEScurrentSEG**

Description: Respondent's socio-economic group – currently employed.

Notes: Refer to beginning of [SES Section](#) for details on socio-economic group coding.

Variables used:

we103, we201, we302

### **SEScurrentSocialClass**

Description: Respondent's social class – currently employed.

Notes: Those who are currently employed. Refer to beginning of [SES Section](#) for details on social class coding.

Variables used:

we103, we201, we302

### **SESpriorSocialClass**

Description: Respondent's previous social class.

Notes: Refer to beginning of [SES Section](#) for details on social class coding.

Variables used:

we613

### **SESmotherSocialClass**

Description: Respondent's mother's social class.

Notes: Refer to beginning of [SES Section](#) for details on social class coding.

Variables used:

dm007b

### **SESocial\_class**

Description: Respondent's social class – combined for previous and current social class.

Notes: Refer to beginning of [SES Section](#) for details on social class coding.

Variables used:

we103, we201, we302, we613



## **SOC Section**

Social variables

### **SOCliveswith5**

Description: Five category household level composition.

Notes: Cloned variable of liveswith5

1 = Living alone

2 = Living with spouse only

3 = Living with child/step/adopted/grandchild

4 = Living with other relative

5 = Living with unrelated people

Variables used:

cm010\_1 – cm010\_10

### **SOCliveswith3**

Description: Three category household level composition.

Notes: Cloned variable of liveswith3

1 = Living alone

2 = Living with spouse only

3 = Living with others

Variables used:

cm010\_1 – cm010\_10

### **SOCchildren18**

Description: Number of children in the household aged under 18.

Notes: Top coded at 4.

Variables used:

cm010\_1 – cm010\_10, cm011\_1 – cm011\_10, cm012\_1-cm012\_10,

### **SOCchildren14**

Description: Number of children in the household aged under 14 or under.

Variables used:

cm010\_1 – cm010\_10, cm011\_1 – cm011\_10, cm012\_1-cm012\_10, cm016\_1-cm016\_10

### **SOChomeChild**

Description: Number of children living at home.

Notes: Top coded at 5.

Variables used:

cm010\_1 – cm010\_10, cm011\_1 – cm011\_10, cm012\_1-cm012\_10, cm016\_1-cm016\_10

### **SOCminorChildren**

Description: Total number of children of respondent aged under 18.

Notes: Top coded at 4.

Variables used:

cm010\_1 – cm010\_10, cm011\_1 – cm011\_10, cm012\_1-cm012\_10, cm016\_1-cm016\_10

### **SOCawayChild**

Description: Number of children living away from home.

Notes: Top coded at 11.

Variables used:

cm010\_1 – cm010\_10, cm011\_1 – cm011\_10, cm012\_1-cm012\_10, cm016\_1-cm016\_10

### **SOCtotalChild**

Description: Total number of living children.

Notes: Top coded at 12.

Variables used:

cm010\_1 – cm010\_10, cm011\_1 – cm011\_10, cm012\_1-cm012\_10, cm016\_1-cm016\_10

### **SOCProxChld**

Description: Proximity of children to respondent.

- 1 = Co-resident children
- 2 = At least one child in the county
- 3 = Child lives in another county
- 4 = Child lives in another country
- 5 = No children

Variables used:

tc001\_1 – tc001\_20

### **SOCpalive**

Description: Number of living parents of respondent.

- 0 = Neither alive
- 1 = Only mother alive
- 2 = Only father alive
- 3 = Both parents alive

Variables used:

tp001, tp007

### **SOCF2F\_M\_alive**

Description: Respondent's frequency of face to face communication with mother.

- 1 = Not applicable
- 1 = Every day
- 2 = Several times per week
- 3 = Several times per month
- 4 = Several times per year
- 5 = Once or twice per year
- 6 = Almost never

Variables used:

tp016, tp031

### **SOCF2F\_B\_alive**

Description: Respondent's frequency of face to face communication with both mother and father.

-1 = Not applicable

1 = Every day

2 = Several times per week

3 = Several times per month

4 = Several times per year

5 = Once or twice per year

6 = Almost never

Variables used:

tp028, tp029

### **SOCF2F\_F\_alive**

Description: Respondent's frequency of face to face communication with father.

-1 = Not applicable

1 = Every day

2 = Several times per week

3 = Several times per month

4 = Several times per year

5 = Once or twice per year

6 = Almost never

Variables used:

tp021, tp034

### **SOCTransfers**

Description: Indicator of whether respondent has made or received a transfer to their children and/or grandchildren.

Notes: Transfer is within the last two years. Includes large and small transfers in money, gifts, immovable property and movable property. Help with household and paperwork.

-1 = Not applicable

1 = Every day

2 = Several times per week

3 = Several times per month

4 = Several times per year

5 = Once or twice per year

6 = Almost never

Variables used:

tc008, tc011, tc014, tc018, tc021

### **SOChhfinfromchildren**

Description: Indicator of whether respondent has received a financial transfer from their children.

Notes: Recode of tc018. All missing and not applicable responses set to missing. Asked only of family and family/financial respondents. Refer to cs017.

0 = No

1 = Yes

Variables used:

tc018

### **SOChhnonfinfromchildren**

Description: Indicator of whether respondent has received other assistance from their children.

Notes: Recode of tc021. All missing and not applicable responses set to missing. Asked only of family and family/financial respondents. Refer to cs017.

0 = No

1 = Yes

Variables used:

tc021

### **SOChhlargesumtochildren**

Description: Indicator of whether respondent has transferred property, a large sum of money or a large give to their children.

Notes: Recode of tc008. All missing and not applicable responses set to missing. Asked only of family and family/financial respondents. Refer to cs017.

0 = No

1 = Yes

Variables used:

tc008

### **SOChhfintochildren**

Description: Indicator of whether respondent has made another financial transfer to their children.

Notes: Recode of tc011. All missing and not applicable responses set to missing. Asked only of family and family/financial respondents. Refer to cs017.

0 = No

1 = Yes

Variables used:

tc011

### **SOChhchildcare**

Description: Indicator of whether respondent provides childcare to grandchildren or great-grandchildren.

Notes: Recode of tc016. All missing and not applicable responses set to missing. Asked only of family and family/financial respondents. Refer to cs017.

0 = No

1 = Yes

Variables used:

tc016

### **SOChhnonfintochildren**

Description: Indicator of whether respondent provides any other help to children.

Notes: Recode of tc014. All missing and not applicable responses set to missing. Asked only of family and family/financial respondents. Refer to cs017.

0 = No

1 = Yes

Variables used:

tc014

### **SOCfinfromchildren**

Description: Indicator of whether respondent has received a financial transfer from their children.

Notes: Recode of tc018. All missing and not applicable responses set to missing.

0 = No

1 = Yes

Variables used:

tc018

### **SOCnonfinfromchildren**

Description: Indicator of whether respondent has received other assistance from their children.

Notes: Recode of tc021. All missing and not applicable responses set to missing

0 = No

1 = Yes

Variables used:

tc021

### **SOClargesumtochildren**

Description: Indicator of whether respondent has transferred property, a large sum of money or a large give to their children.

Notes: Recode of tc008. All missing and not applicable responses set to missing.

0 = No

1 = Yes

Variables used:

tc008

### **SOCchfintochildren**

Description: Indicator of whether respondent has made another financial transfer to their children.

Notes: Recode of tc011. All missing and not applicable responses set to missing.

0 = No

1 = Yes

Variables used:

tc011

### **SOCchildcare**

Description: Indicator of whether respondent provides childcare to grandchildren or great-grandchildren.

Notes: Recode of tc016. All missing and not applicable responses set to missing.

0 = No

1 = Yes

Variables used:

tc016



### **SOCnonfintochildren**

Description: Indicator of whether respondent provides any other help to children.

Notes: Recode of tc016. All missing and not applicable responses set to missing.

0 = No

1 = Yes

Variables used:

tc014

### **SOCmarried**

Description: Indicator of whether respondent is currently married or not married.

Notes: Includes those living with partners as if they were married.

1 = Married

2 = Not married

Variables used:

cs006

### **SOCSandwich**

Description: Indicator of whether respondent is a member of the sandwich generation.

Notes: Sandwich generation refers to those with both living parents and children.

0 = No

1 = Yes

Variables used:

tp001, tp007, tc001\_1-tc001\_20

### **SOCTrans\_Par\_Or\_Chld**

Description: Indicates whether any transfers have been made to or from parents and children.

0 = No

1 = Yes

Variables used:

tc008, tc011, tc014, tc018. tc021

### **SOCTrans\_Par\_Or\_Chld**

Description: Indicates whether any transfers have been made to or from parents and children.

0 = No

1 = Yes

Variables used:

tp008, tp011, tc014, tc018. tc021

### **SOCsocPartip**

Description: Indicates whether respondent participates in social groups.

Notes: Recode of cn001

0 = No

1 = Yes

Variables used:

cn001

### **SOChelpfromNeighbour**

Description: Indicates whether respondent has received help from a neighbour.

Notes: Recode of tc027

0 = No

1 = Yes

Variables used:

tc027

### **SOChelptoNeighbour**

Description: Indicates whether respondent has helped a neighbour.

Notes: Recode of tc029

0 = No

1 = Yes

Variables used:

tc027

### **SOCChurch**

Description: Indicates whether respondent attends religious services or not.

0 = No

1 = Yes

Variables used:

dm021

### **SOCClubs**

Description: Indicates whether respondent of an organisation other than the church

0 = No

1 = Yes

Variables used:

cn001

### **SOCrelFriends**

Description: Count of how many close friends / relatives the respondent has

Variables used:

cn002 – cn004

### **SOCcloseTies**

Description: Indicator of whether respondent has at least two close friends or relatives

Notes: Set to missing if all variables used are set to missing

0 = No

1 = Yes

Variables used:

cn002 – cn004

### **SOCcloseTies**

Description: Indicator of whether respondent has at least two close friends or relatives

Notes: Set to missing if all variables used are set to missing

0 = No

1 = Yes

Variables used:

cn002 – cn004

### **SOCyearlyactivity**

Description: Indicator of whether respondent partakes in a social activity at least once a year.

Notes: Social activities include –

- Go out to films, plays and concerts
- Attend classes and lectures,
- Play cards, bingo, games in general
- Go to the pub
- Eat out of the house
- Participate in sport activities or exercise
- Do voluntary work

Response options:

0 = No

1 = Yes

Variables used:

SCQSocAct2, SCQSocAct3, SCQSocAct9, SCQSocAct10, SCQSocAct11, SCQSocAct12,  
SCQSocAct14

## **SOCmonthlyactivity**

Description: Indicator of whether respondent partakes in a social activity at least once a month.

Notes: Social activities include –

- Go out to films, plays and concerts
- Attend classes and lectures,
- Play cards, bingo, games in general
- Go to the pub
- Eat out of the house
- Participate in sport activities or exercise
- Do voluntary work

Response options:

0 = No

1 = Yes

Variables used:

SCQSocAct2, SCQSocAct3, SCQSocAct9, SCQSocAct10, SCQSocAct11, SCQSocAct12, SCQSocAct14

## **SOCweeklyactivity**

Description: Indicator of whether respondent partakes in a social activity at least once a weekly.

Notes: Social activities include –

- Go out to films, plays and concerts
- Attend classes and lectures,
- Play cards, bingo, games in general
- Go to the pub
- Eat out of the house
- Participate in sport activities or exercise
- Do voluntary work

Response options:

0 = No

1 = Yes

Variables used:

SCQSocAct2, SCQSocAct3, SCQSocAct9, SCQSocAct10, SCQSocAct11, SCQSocAct12, SCQSocAct14

## **SOCyearlyactivity2**

Description: Indicator of whether respondent partakes in a social activity at least once a year.

Notes: Social activities include –

- Go out to films, plays and concerts
- Attend classes and lectures,
- Play cards, bingo, games in general
- Eat out of the house
- Participate in sport activities or exercise
- Do voluntary work

Similar to SOCyearlyactivity. Excludes activity – Going to the pub.

Response options:

0 = No

1 = Yes

Variables used:

SCQSocAct2, SCQSocAct3, SCQSocAct9, SCQSocAct10, SCQSocAct11, SCQSocAct12,  
SCQSocAct14

## **SOCmonthlyactivity2**

Description: Indicator of whether respondent partakes in a social activity at least once a month.

Notes: Social activities include –

- Go out to films, plays and concerts
- Attend classes and lectures,
- Play cards, bingo, games in general
- Eat out of the house
- Participate in sport activities or exercise
- Do voluntary work

Similar to SOCmonthlyactivity. Excludes activity – Going to the pub.

Response options:

0 = No

1 = Yes

Variables used:

SCQSocAct2, SCQSocAct3, SCQSocAct9, SCQSocAct10, SCQSocAct11, SCQSocAct12,  
SCQSocAct14

## **SOCweeklyactivity2**

Description: Indicator of whether respondent partakes in a social activity at least once a weekly.

Notes: Social activities include –

- Go out to films, plays and concerts
- Attend classes and lectures,
- Play cards, bingo, games in general
- Eat out of the house
- Participate in sport activities or exercise
- Do voluntary work

Response options:

0 = No

1 = Yes

Similar to SOCweeklyactivity. Excludes activity – Going to the pub.

Variables used:

SCQSocAct2, SCQSocAct3, SCQSocAct9, SCQSocAct10, SCQSocAct11, SCQSocAct12, SCQSocAct14

## **SOCsoc\_rel\_1**

Description: Indicator of whether respondent has an intimate social relationship.

Notes: Social relationship is determined if a respondent indicates they would daily or almost daily have visits to or from family or friends, either in person or talking on the phone.

Response options:

0 = No

1 = Yes

Variables used:

SCQSocAct13

## **SOCsoc\_rel\_2**

Description: Indicator of whether respondent has any formal organisational involvement outside of work.

Notes: Determined by whether respondent partakes in voluntary work at least once a year or has indicated that they participate in a social or sports group. Includes only those in SCQ

Response options:

0 = No

1 = Yes

Variables used:

cn001, SCQSocAct14

### **SOCsoc\_rel\_3**

Description: Indicator of whether respondent partakes in any active or social leisure.

Notes: Active or social leisure includes –

- Go out to films, plays and concerts
- Attend classes and lectures
- Travel for pleasure
- Play cards, bingo, games in general
- Go to the pub
- Eat out of the house
- Participate in sport activities or exercise

Respondent is included if they participate in any of these activities at least once a month

Response options:

0 = No

1 = Yes

Variables used:

SCQSocAct2, SCQSocAct3, SCQSocAct4, SCQSocAct9, SCQSocAct10, SCQSocAct11, SCQSocAct12

### **SOCsoc\_rel\_4**

Description: Indicator of whether respondent partakes in any passive or solitary leisure.

Notes: Passive or solitary leisure includes –

- Watch television
- Work in the garden, or your home, or on a car
- Read books or magazines for pleasure



- Listen to music, radio
- Spend time on hobbies or creative activities

Respondent is included if they participate in any of these activities at least once a month

Response options:

0 = No

1 = Yes

Variables used:

SCQSocAct1, SCQSocAct5, SCQSocAct6, SCQSocAct7, SCQSocAct8

### **SOCadlhelptoparents**

Description: Indicates whether respondent has received help from a neighbour.

Notes: Recode of tp044. Missing responses and not applicable set to missing

0 = No

1 = Yes

Variables used:

tp044

### **SOCadlhelptoparentshours**

Description: Indicates whether respondent has received help from a neighbour.

Notes: Recode of tp047

0 = No

1 = Yes

Variables used:

tp047

### **SOCIadlhelptoparents**

Description: Indicates whether respondent has received help from a neighbour.

Notes: Recode of tp052

0 = No

1 = Yes

Variables used:

tp052

### **SOCiadhelptoparentshours**

Description: Indicates whether respondent has received help from a neighbour.

Notes: Recode of tp049

0 = No

1 = Yes

Variables used:

tp049

### **SOCmothershealth**

Description: Current health of the respondent's mother.

Notes: Recode of tp004. All missing responses and not applicable set to missing

1 = Excellent or good

2 = Fair or poor

Variables used:

tp004

### **SOCsocnet**

Description: Count of respondent's social connectedness score.

Notes: 1 is added to respondent's score for each instance they meet the following criteria –

- Member of church
- Married / Living with partner as if married
- Member of organisation excluding the church
- Has at least one close relative or friend

Variables used:

dm021, cs006, cn001, cn002, cn003, cn004

### **SOCProxChld4**

Description: Count of respondent's social connectedness score.

Notes: Recode of SOCProxChld. Categories 3 (living in another county) and 4 (living in another country) are collapsed into one category.

1 = Co-resident children

2 = Child in the county

3 = Child lives outside county

5 = No children

Variables used:

tp001, tp007, SOCProxChld

## **SCR Section**

Screening tests

### **SCRflu**

Description: Indicator of whether respondent has ever had a flu vaccination.

Notes: Recode of ph701

0 = No

1 = Yes

Variables used:

ph701

### **SCRchol**

Description: Indicator of whether respondent has ever had a cholesterol test.

Notes: Recode of ph702

0 = No

1 = Yes

Variables used:

ph702

### **SCRprostate**

Description: Indicator of whether respondent has ever had prostate cancer.

Notes: Recode of ph711 and ph710. Respondents who have had either a prostate screen test for cancer or a PSA blood test are included.

0 = No

1 = Yes

Variables used:

ph710, ph711

### **SCRbreastlumps**

Description: Indicator of whether respondent checks their breasts regularly for lumps.

Notes: Recode of ph708.

0 = No

1 = Yes

Variables used:

ph708

### **SCRmammogram**

Description: Indicator of whether respondent has ever had a mammogram.

Notes: Recode of ph709.

0 = No

1 = Yes

Variables used:

ph709

## **BEH Section**

Health behaviours

### **BEHalc\_freq\_week**

Description: Average amount of times respondent drinks per week.

Notes: Those who have ticked adjacent boxes in the booklet will have the higher frequency taken. E.g. Adjacent boxes 5 and 6 ticked = response option 5 will be used.

Almost every day = average of 6.5 times per week

Five / six days a week = average of 5.5 times per week

Three or four days a week = average of 3.5 times per week

Once or twice a week = average of 1.5 times per week

Once or twice a month = average of 1.5 times per month (9 times in last 6 months)

Less than once a month = average of 3 times in the last 6 months

Variables used:

SCQAlcoFreq

### **BEHalc\_drinksperday**

Description: Amount of standard drinks per day.

Notes: 1 standard drink = ½ pint of beer or a glass of wine.

Variables used:

SCQAlcoNo2

### **BEHalc\_drinksperweek**

Description: Amount of standard drinks per week.

Notes: 1 standard drink = ½ pint of beer or a glass of wine. Calculated by multiplying the standard amount of drinks per day by the frequency drank per week

Variables used:

SCQAlcoNo2, SCQAlcoFreq

### **BEHalc\_doh\_limit**

Description: Whether respondent is high or low risk for surpassing the Department of health guidelines for the weekly limit on standard drinks.

Notes: 1 standard drink = ½ pint of beer or a glass of wine.

Weekly limits for men: >21

Weekly limits for women: >14

0 = Low risk

1 = High risk

Variables used:

SCQAlcoNo2, SCQAlcoFreq

### **BEHsmoker**

Description: Whether respondent is a smoker or not.

Notes: Recode of bh001

0 = No

1 = Yes

Variables used:

bh001

### **BEHcage**

Description: Count of CAGE questionnaire responses.

Notes: +1 is added for a yes answer in each question

Variables used:

SCQCAGE1 – SCQCAGE4

For more details on the CAGE questionnaire, refer to <http://www.ncbi.nlm.nih.gov/pubmed/6471323?dopt=Abstract>

## **Imputed Assets and Income**

Imputed data from the Gateway to Global Aging Data repository

### **G2Gh1atoth**

Description: Net value of house/primary residence.

Notes: This is an imputed variable - Imputation process developed by Gateway to Global Aging ([www.g2aging.org/](http://www.g2aging.org/))

Variables used:

hw108, hw108a, hw113

### **G2Gh1aftoth**

Description: Imputation flag for net value of house/primary residence

Notes: This is an imputed variable - Imputation process developed by Gateway to Global Aging ([www.g2aging.org/](http://www.g2aging.org/))

Response options:

1 = Continuous value

2 = Closed range bracket

3= Open range bracket

5 = No value/bracket

6 = No income

7 = Don't know

Variables used:

hw108, hw108a, hw113



**G2Gh1atotf**

Description: Non-housing financial wealth.

Notes: This is an imputed variable - Imputation process developed by Gateway to Global Aging ([www.g2aging.org/](http://www.g2aging.org/))

Variables used:

as103, as104, as101, as116

**G2Gh1aftotf**

Description: Imputation flag for non-housing financial wealth.

Notes: This is an imputed variable - Imputation process developed by Gateway to Global Aging ([www.g2aging.org/](http://www.g2aging.org/))

Response options:

1 = Continuous value

2 = Closed range bracket

3= Open range bracket

5 = No value/bracket

6 = No income

7 = Don't know

Variables used:

as103, as104, as101, as116

## **G2Gh1atotb**

Description: Total all assets including second home.

Notes: This is an imputed variable - Imputation process developed by Gateway to Global Aging ([www.g2aging.org/](http://www.g2aging.org/))

Variables used:

as111, as108, as103, as104, as101, as112, as113, as116, wr311, wr412, hw108, hw108, hw113

## **G2Gh1aftotb**

Description: Imputation flag for total all assets including second home.

Notes: This is an imputed variable - Imputation process developed by Gateway to Global Aging ([www.g2aging.org/](http://www.g2aging.org/))

Response options:

1 = Continuous value

2 = Closed range bracket

3= Open range bracket

5 = No value/bracket

6 = No income

7 = Don't know

Variables used:

as111, as108, as103, as104, as101, as112, as113, as116, wr311, wr412, hw108, hw108, hw113

## **G2Gh1icap**

Description: Total capital income.

Notes: This is an imputed variable - Imputation process developed by Gateway to Global Aging ([www.g2aging.org/](http://www.g2aging.org/))

Variables used:

we147, we148, we207, we208, we209, we215, we315, we316, we305, we305\_u1, hw107, as110, as102, as105, as115

## **G2Gh1ifcap**

Description: Imputation flag for total capital income.

Notes: This is an imputed variable - Imputation process developed by Gateway to Global Aging ([www.g2aging.org/](http://www.g2aging.org/))

Response options:

1 = Continuous value

2 = Closed range bracket

3 = Open range bracket

5 = No value/bracket

6 = No income

7 = Don't know

Variables used:

we147, we148, we207, we208, we209, we215, we315, we316, we305, we305\_u1, hw107, as110, as102, as105, as115

## **G2Gr1ipubpen**

Description: Respondent's public pensions.

Notes: This is an imputed variable - Imputation process developed by Gateway to Global Aging ([www.g2aging.org/](http://www.g2aging.org/))

Variables used:

si303, si305, si307, si309, si311, si315, si317

## **G2Gr1ifpubpen**

Description: Imputation flag for respondent's public pensions.

Notes: This is an imputed variable - Imputation process developed by Gateway to Global Aging ([www.g2aging.org/](http://www.g2aging.org/))

Response options:

1 = Continuous value

2 = Closed range bracket

3 = Open range bracket

5 = No value/bracket

6 = No income

7 = Don't know

Variables used:

si303, si305, si307, si309, si311, si315, si317

## **G2Gs1pubpen**

Description: Spouse's public pensions.

Notes: This is an imputed variable - Imputation process developed by Gateway to Global Aging ([www.g2aging.org/](http://www.g2aging.org/))

Variables used:

si303, si305, si307, si309, si311, si315, si317

## **G2Gs1pubpen**

Description: Imputation flag for spouse's public pensions.

Notes: This is an imputed variable - Imputation process developed by Gateway to Global Aging ([www.g2aging.org/](http://www.g2aging.org/))

Response options:

1 = Continuous value

2 = Closed range bracket

3 = Open range bracket

5 = No value/bracket

6 = No income

7 = Don't know

Variables used:

si303, si305, si307, si309, si311, si315, si317

## **G2Gh1itot**

Description: Total couple level income.

Notes: This is an imputed variable - Imputation process developed by Gateway to Global Aging ([www.g2aging.org/](http://www.g2aging.org/))

Variables used:

we130, we146, we147, we148, we207, we208, we209, we215, we315, we305, we305\_u1, hw107, as110, as102, as105, as115, si109, si207, si112, si210, si402, si303, si305, si307, si309, si311, si315, si317, we314, we313, si329, si327, si325, si325e, si325d, si325c, si325b, si323, si321, si319, si313

## **G2Gh1iftot**

Description: Imputation flag for total couple level income.

Notes: This is an imputed variable - Imputation process developed by Gateway to Global Aging ([www.g2aging.org/](http://www.g2aging.org/))

Response options:

1 = Continuous value

2 = Closed range bracket

3= Open range bracket

5 = No value/bracket

6 = No income

7 = Don't know

Variables used:

we130, we146, we147, we148, we207, we208, we209, we215, we315, we305, we305\_u1, hw107, as110, as102, as105, as115, si109, si207, si112, si210, si402, si303, si305, si307, si309, si311, si315, si317, we314, we313, si329, si327, si325, si325e, si325d, si325c, si325b, si323, si321, si319, si313