Health Survey for England

Health, Social care and Lifestyles

2014

List of Variables

Version 1

Contents

Introduction

This document is the most sensible starting point to analysing the HSE data, as it categorises all the variables stored on the dataset to two levels, and it is therefore easier to see the coverage of questions asked at this summary level, rather than ploughing straight into the documentation of the questionnaires and self-completion booklets.

Once you have found the appropriate variables that you want to analyse, you then need to look at the other documentation to see in more detail exactly how the question was asked in the study, or how a derived variable has been defined.

The source of each variable is indicated in the final column of each table of variables with abbreviations as follows:

HHold	Household CAPI Questionnaire
Indiv	Individual CAPI Questionnaire
Nurse	Nurse CAPI Questionnaire
SC …	Self-Completion Booklet: SC 8-12, SC 13-15, SC Young Adults, SC Adult, or where a question appears in more than one booklet the range is widened (e.g. SC 8-15)
Lab	Results from laboratory, ie from saliva or serum testing
ARF	Address Record Form completed for each issued address
NRF	Nurse Record Form completed for each household where at least one person had agreed to a nurse interview
Derived	A variable derived from other variables, and detailed in the Derived Variable Specification document

Classification

Household

Variable	Description	Source
SERIALH[1]	Serial number of household	Hhold
ADULTS	Number of persons aged 16+ in the household	Hhold
CHILDREN	Number of children aged 2-15 in the household.	Hhold
INFANTS	Number of infants under age 2 in the household	Hhold
HHLDR1	In whose name is accomodation owned or rented - Person 1	Hhold
HHLDR2	In whose name is accomodation owned or rented - Person 2	Hhold
HHLDR3	In whose name is accomodation owned or rented - Person 3	Hhold
HHLDR4	In whose name is accomodation owned or rented - Person 4	Hhold
HHLDR5	In whose name is accomodation owned or rented - Person 5	Hhold
HHLDR6	In whose name is accomodation owned or rented - Person 6	Hhold
HHLDR7	In whose name is accomodation owned or rented - Person 7	Hhold
HHLDR8	In whose name is accomodation owned or rented - Person 8	Hhold
HHLDR9	In whose name is accomodation owned or rented - Person 9	Hhold
HHLDR10	In whose name is accomodation owned or rented - Person 10	Hhold
HHLDR11	In whose name is accomodation owned or rented - Person 11	Hhold
HHLDR12	In whose name is accomodation owned or rented - Person 12	Hhold
HHLDR97	Accommodation owned/rented by someone who is not a household member	Hhold
TENUREB	Household tenure	Hhold
JOBACCOM	Does the accommodation go with the job of anyone in the household?	Hhold
LANDLORD	Who is your landlord?	Hhold
FURN	Is the accommodation furnished	Hhold
BEDROOMS	Number of bedrooms in household	Hhold
PASSM	Does anyone smoke inside this house/flat on most days?	Hhold
NUMSM	Number of people who smoke inside this house/flat in most days	Hhold
CAR	Whether car or van normally available	Hhold
NUMCARS	Number of cars normally available	Hhold
FINOUTC	Final outcome code	Hhold
HHDTYPB	(D) Household Type	Derived
HHSIZE[2]	(D) Household Size	Derived

Individual

Variable	Description	Source
SERIALI[3]	Serial number of individual	Indiv
SEX	Sex	Hhold
AGE[4]	Age last birthday	Hhold
DOBDAY*	Day of birth	Hhold
DOBMON*	Month of birth	Hhold
DOBYEAR*	Year of birth	Hhold
INDOUT	Individual outcome codes	Indiv
MONTHAGE	Age in months for infants under 1	Hhold
WEEKAGE*	Age in weeks for infants under 2 years	Hhold
AG16G10	(D) Age 16-75+ in ten year age bands	Derived
AG16G20	(D) Age 16-55+ in twenty year age bands	Derived
AG1665G10	(D) Age 16-65+ in ten year age bands	Derived
AG16G3	(D) Grouped age (3)	Derived
AG16G4	(D) Grouped age (4)	Derived
AG65G3	(D) Grouped age (3)	Derived
AG65G5	(D) Age 65-85+ in five year age bands	Derived
AG6585G10	(D) Age <65, 65-75, 75-85, 85+ groups	Derived
AG6575G10	(D) Age <65, 65-75, 75+ groups, years)	Derived
AGE30	(D) Age 30+ in approx ten year age bands	Derived
AGE65	(D) Age grouped (years, 2 groups, <65, 65+)	Derived
AGE85	(D) Age 16-85+ in approx ten year age bands	Derived
AG015G2	(D) Age 0-15 in two year bands	Derived

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[1] Variable scrambled and renamed Hserial in archived dataset.
[2] Household size capped at 9 and rename HHSIZE9.
[3] Variable scrambled and renamed Pserial in archived dataset.
* Removed from dataset due to reasons of confidentiality.
[4] Age capped at 90 and renamed Age90

AG215G2	(D) Age 2-15 in two year bands	Derived
AG215G3	(D) Age 2-15: Approx 3 year age bands	Derived
AG215G4	(D) Age 2-15 in four age age bands	Derived
AG215G5	(D) Age 2-15 in five year age bands	Derived
AG415G3	(D) Age 4-15: 3 year age bands	Derived
AG515G3	(D) Age 5-15: Approx 3 year age bands	Derived
AG515G3_2	(D) Age 5-15, approx 3 year age bands (5-7,etc)	Derived
AG715G3	(D) Age 7-15: 3 year age bands	Derived
AG1655GP5	(D) Age groups 16-55+, 5 groups	Derived
AG1650GP3	(D) Age groups 16-50+, 3 groups	Derived
IRNDAGE*	(D) Age at interview rounded to the nearest integer	Derived
NRNDAGE*	(D) Age at nurse visit rounded to the nearest integer	Derived

Admin

Variable	Description	Source
CHILD1	Person number of selected child 1	Hhold
CHILD2	Person number of selected child 2	Hhold
PERSNO	Person number	Indiv
INTNUM*	Interviewer number	Hhold
NHSCAN	Permission to pass name to NHSCR/Cancer Registry/HES	Indiv
REINTER*	Permission to contact for reinterview	Indiv
DINTB*	Day of interview	Indiv
MINTB	Month of interview	Indiv
YINTB*	Year of interview	Indiv
QRTINT	(D) Quarter of year of indiviual interview	Derived
ADRESP	Who answers on behalf of child U13	Indiv
NUMP	Number of respondents in this questionnaire	Indiv
INTDAYW	(D) Weekday of individual interview	Derived
HRPID	Household Reference Person identifier	Indiv
HHRESP	Person number who was responsible for answering the grids	Hhold
HQRESP	Status of person responsible for answering grids	Hhold
HHOLDER	Is this person mentioned at Hhlder?	Indiv

Booklet Admin

Variable	Description	Source
BOOKCHK	Aged 18 - 24: Asked about drinking/smoking or complete Young Adults SC	Indiv
SCTYPE	Type of Self completion offered	Indiv
SCOMP3	Self completion completed	Indiv
SCREC	Self completion received	Indiv
SC3ACC1	SC: Completed independently	Indiv
SC3ACC2	SC: Completed with assistance from other children	Indiv
SC3ACC3	SC: Completed with assistance from other household member	Indiv
SC3ACC4	SC: Completed with assistance from interviewer	Indiv
SC3ACC5	SC: Interviewer administered SC booklet	Indiv
SCOMP60	SC refused: Child away from home during fieldwork period	Indiv
SCOMP61	SC refused: Eyesight problems	Indiv
SCOMP62	SC refused: Language problems	Indiv
SCOMP63	SC refused: Reading/writing/comprehension difficulties	Indiv
SCOMP64	SC refused: Bored/fed up/ tired	Indiv
SCOMP65	SC refused: Questions too sensitive/invasion of privacy	Indiv
SCOMP66	SC refused: Booklet too long/too busy/taken long enough already	Indiv
SCOMP67	SC refused: No other reason given	Indiv
SCOMP68	SC refused: Illness/disability (physical or mental)	Indiv
SCOMP69	SC refused: Child 2-12 asleep	Indiv
SCOMP610	SC refused: Not in/not available	Indiv
SCOMP611	SC refused: Proxy refusal	Indiv
SCOMP612	SC refused: No self completion booklet available	Indiv
SCOMP695	SC refused: Other reason	Indiv
SCOMP5A1	SC present: Spouse/partner	Indiv
SCOMP5A2	SC present: Parent(s) (incl step/foster)	Indiv
SCOMP5A3	SC present: Brother(s)/sister(s)	Indiv
SCOMP5A4	SC present: Own/related child(ren) (incl step/foster/partner's)	Indiv
SCOMP5A5	SC present: Other relative(s)	Indiv
SCOMP5A6	SC present: Unrelated adult(s)	Indiv
SCOMP5A7	SC present: Unrelated child(ren)	Indiv

SCOMP5A8	SC present: Interviewer	Indiv
SCOMP5A9	SC present: No-one else present	Indiv
BOOKLET	(D) Eligible for which self-completion booklet	Derived
LDCompCX0	Why difficulties questionnaire not completed: Child away from home during fieldwork period	Indiv
LDCompCX1	Why difficulties questionnaire not completed: Eyesight problems	Indiv
LDCompCX2	Why difficulties questionnaire not completed: Language problems	Indiv
LDCompCX3	Why difficulties questionnaire not completed: Reading/writing/comprehension problems	Indiv
LDCompCX4	Why difficulties questionnaire not completed: Respondent bored/fed up/tired	Indiv
LDCompCX5	Why difficulties questionnaire not completed: Questions too sensitive/invasion of privacy	Indiv
LDCompCX6	Why difficulties questionnaire not completed: Too long/too busy/taken long enough already	Indiv
LDCompCX7	Why difficulties questionnaire not completed: Refused to complete booklet (no other reason given)	Indiv
LDCompCX8	Why difficulties questionnaire not completed: Other (SPECIFY)	Indiv

Education

Variable	Description	Source
EDUCEND	Age finished continuous full-time education	Indiv
QUAL	Whether has any of the qualifications listed	Indiv
QUALA1	Qualification: Degree/degree level qualification (incl higher degree)	Indiv
QUALA2	Qualification: Teaching qualification	Indiv
QUALA3	Qualification: Nursing: SRN, SCM, SEN, RGN, RM, RHV, Midwife	Indiv
QUALA4	Qualification: HNC/HND, BEC/TEC Higher, BTEC Higher/SCOTECH Higher	Indiv
QUALA5	Qualification: ONC/OND/BEC/TEC/BTEC not higher	Indiv
QUALA6	Qualification: City and Guilds Full Technological Certificate	Indiv
QUALA7	Qualification: City and Guilds Advanced/Final Level	Indiv
QUALA8	Qualification: City and Guilds Craft/Ordinary Level	Indiv
QUALA9	Qualification: A-levels/Higher School Certificate	Indiv
QUALA10	Qualification: AS level	Indiv
QUALA11	Qualification: SLC/SCE/SUPE at Higher Grade / Certif. of 6th Yr Studies	Indiv
QUALA12	Qualification: O-level passes taken in 1975 or earlier	Indiv
QUALA13	Qualification: O-level passes taken after 1975 GRADES A-C	Indiv
QUALA14	Qualification: O-level passes taken after 1975 GRADES D-E	Indiv
QUALA15	Qualification: GCSE GRADES A*-C	Indiv
QUALA16	Qualification: GCSE GRADES D-G	Indiv
QUALA17	Qualification: CSE GRADE 1/SCE BANDS A-C/Standard Grade LEVEL 1-3	Indiv
QUALA18	Qualification: CSE GRADES 2-5/SCE Ordinary BANDS D-E	Indiv
QUALA19	Qualification: CSE Ungraded	Indiv
QUALA20	Qualification: SLC Lower	Indiv
QUALA21	Qualification: SUPE Lower or Ordinary	Indiv
QUALA22	Qualification: School Certificate or Matric	Indiv
QUALA23	Qualification: NVQ Level 5	Indiv
QUALA24	Qualification: NVQ Level 4	Indiv
QUALA25	Qualification: NVQ Level 3/Advanced level GNVQ	Indiv
QUALA26	Qualification: NVQ Level 2/Intermediate level GNVQ	Indiv
QUALA27	Qualification: NVQ Level 1/Foundation level GNVQ	Indiv
QUALA28	Qualification: Recognised Trade Apprenticeship completed	Indiv
QUALA29	Qualification: Clerical or Commercial Qualification	Indiv
DEGREE1	Do you have a doctorate qualification?	Indiv
DEGREE2	Do you have a masters qualification?	Indiv
DEGREE3	Do you have an undergraduate or first degree qualification?	Indiv
DEGREE4	Do you have a foundation qualification?	Indiv
DEGREE5	Do you have a graduate membership or a professional institution qualification?	Indiv
DEGREE95	Do you have another post graduate degree or professional qualification?	Indiv
TOPQUAL3	(D) Highest Educational Qualification	Derived
TOPQUAL2	(D) Highest Educational Qualification - Students separate	Derived
TOPQUAL4	(D) Highest Educational Qualification, 3 groups	Derived
TOPQUAL5	(D) Highest educational qualification	Derived

Employment Status

Variable	Description	Source
HRPSOC10B	HRP: Sub-Major Group Standard Occupational Classification 2010	Hhold
HRPSIC7B	HRP: Standard Industrial Classification 2007 (grouped)	Hhold
HRPXSOC2[5]	HRP: Standard Occupational Classification 2010	Hhold
HRPSIC07[6]	HRP: Standard Industrial Classification 2007	Hhold
STHNSSEC*	NS-SEC Operational Catagories (hrp incl students)	Hhold
HRPNSSEC*	NS-SEC Operational Catagories (HRP)	Hhold
HRPES2	HRP: Employment status	Hhold
HRPACTIV	HRP: Activity status for last week	Hhold
HRPSTWK	HRP: Did you do any paid work in last 7 days ending last Sunday?	Hhold
HRP4WKLK	HRP: Looking for paid work/govt scheme in last 4 weeks ending last Sunday?	Hhold
HRP2WKST	HRP: If job or training scheme available, able to start within 2 weeks?	Hhold
HRPEVERJ	HRP: Ever been in paid employment or been self-employed	Hhold
HRPOTHPD	HRP: Ever had other employment (apart from job you are waiting to take up)	Hhold
HRPLONG	HRP: How long have you been looking/were you looking for paid employment	Hhold
HRPPAYAG	HRP: Age when last had a paid job.	Hhold
HRPPYLST	HRP: Which year did you leave your last paid job?	Hhold
HRPPAYMN	HRP: Which month in that year did you leave?	Hhold
HRPFTPT	HRP: Whether working full time or part time	Hhold
HRPEMPLY	HRP: Whether an employee or self-employed	Hhold
HRPDIRCT	HRP: Whether director of a limited company	Hhold
HRPEMPST	HRP: Whether a manager or foreman	Hhold
HRPNEMPL	HRP: Number of employed at place of work (including yourself)	Hhold
HRPSNEMP	HRP: If self-employed, do/did you have any employees?	Hhold
SECTOR	HRP: Is organisation private sector, public sector or non-profit	Hhold
ACTIVB	Activity status for last week	Indiv
STWORK	Paid work in last 7 days	Indiv
WKLOOK4	Whether looking for any paid work or Govt Training Scheme at any time in the 4 weeks ending last Sunday	Indiv
WKSTRT2	If a job or place on Govt Training Scheme had been available, would you have been able to start within 2 weeks?	Indiv
EVERJOB	Whether ever been in paid employment or been self-employed	Indiv
OTHPAID	Ever had other employment (apart from job you are waiting to take up)	Indiv
HOWLONG	How long have you been looking/were you looking for paid employment	Indiv
PAYAGE	Age when last had a paid job	Indiv
PAYLAST	Year left last paid job	Indiv
PAYMON	Month last left paid job	Indiv
FTPTIME	Whether working full-time or part-time	Indiv
EMPLOYE	Whether employee/self employed	Indiv
DIRCTR	Whether director of a limited company	Indiv
EMPSTAT	Whether a manager or foreman	Indiv
NEMPLEE	Number of employed at place of work (including yourself)	Indiv
SNEMPLEE	If self-employed, do/did you have any employees?	Indiv
ISECTOR	Is organisation private sector, public sector or non-profit	Indiv
SEG	Socio-economic Group (old scheme)	Indiv
XSOC2010[7]	Standard Occupational Classification 2010	Indiv
SIC2007[8]	Standard Industrial Classification 2007	Indiv
ES2010	Employment status	Indiv
STNSSEC*	NS-SEC - long version	Indiv
NSSEC*	NS-SEC - long version (harmonised)	Indiv
SCLASS	Registrar General's Social Class of individual (old scheme)	Indiv
ECONACT	(D) Economic Status (4 groups)	Derived
ECONACT5	(D) Economic status (5 groups)	Derived
ECONACT2	(D) Economic status (2 groups)	Derived
NSSEC8	(D) NS-SEC 8 variable classification (individual)	Derived
NSSEC5	(D) NS-SEC 5 variable classification (individual)	Derived
NSSEC3	(D) NS-SEC 3 variable classification (individual)	Derived
HPNSSEC8	(D) NS-SEC 8 variable classification (hrp)	Derived
HPNSSEC5	(D) NS-SEC 5 variable classification (hrp)	Derived
HPNSSEC3	(D) NS-SEC 3 variable classification (hrp)	Derived

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[5] Variable renamed HRPSOC10B and classified into major groups in archived dataset
[6] Variable renamed HRPSIC7B and grouped in archived dataset
[7] Variable renamed SOC2010B and classified into major groups in archived dataset
[8] Variable renamed SIC2007B and grouped in archived dataset

Ethnicity/Identity

Variable	Description	Source
ORIGIN[9]	Ethnic origin of individual	Indiv
ORIGIN2	(D) Grouped ethnic categories	Derived
RELIGSC	What is your religion?	SC 8+
NATID1	National identity: English	Indiv
NATID2	National identity: Welsh	Indiv
NATID3	National identity: Scottish	Indiv
NATID4	National identity: Irish	Indiv
NATID5	National identity: British	Indiv
NATID6	National identity: Other	Indiv
YNATSC1	National identity: English (SC)	SC 8+
YNATSC2	National identity: Welsh (SC)	SC 8+
YNATSC3	National identity: Scottish (SC)	SC 8+
YNATSC4	National identity: Irish (SC)	SC 8+
YNATSC5	National identity: British (SC)	SC 8+
YNATSC6	National identity: Something else (SC)	SC 8+
SCSEXID	Which of the following options best describes how you think of yourself (sexual orientation) (SC)?	SC YP

Income

Variable	Description	Source
SRCIN01C	Income: Earnings from employment or self-employment	Hhold
SRCIN02C	Income: State retirement pension	Hhold
SRCIN03C	Income: Pension from former employer	Hhold
SRCIN04C	Income: Personal pensions	Hhold
SRCIN05C	Income: Job-Seekers Allowance	Hhold
SRCIN06C	Income: Employment and Support Allowance	Hhold
SRCIN07C	Income: Income Support	Hhold
SRCIN08C	Income: Pension Credit	Hhold
SRCIN09C	Income: Working Tax Credit	Hhold
SRCIN10C	Income: Child Tax Credit	Hhold
SRCIN11C	Income: Child Benefit	Hhold
SRCIN12C	Income: Housing Benefit	Hhold
SRCIN13C	Income: Council Tax Benefit	Hhold
SRCIN14C	Income: Other state benefits	Hhold
SRCIN15C	Income: Interest from savings and investments (eg stocks & shares)	Hhold
SRCIN16C	Income: Other kinds of regular allowance from outside your household	Hhold
SRCIN17C	Income: No source of income	Hhold
OTHINC	Whether other income in household	Hhold
JNTINC	Joint income	Hhold
HHINC	Total household income	Hhold
EQVINC	(D) Equivalised Income	Derived
MCCLEM	(D) McClements household score for equivalised income	Derived
EQV3	(D) Equivalised Income Tertiles	Derived
EQV5	(D) Equivalised Income Quintiles	Derived
TOTINC	(D) Total Household Income	Derived
EQV5W	(D) Equivalised Weekly Income Quintiles	Derived

Disability Allowance

Variable	Description	Source
ATTDISB1	Disability allowance: Attendance Allowance	Hhold
ATTDISB2	Disability allowance: Disability Living Allowance - care component	Hhold
ATTDISB3	Disability allowance: Disability Living Allowance - mobility component	Hhold
ATTDISB4	Disability allowance: Personal Independence Allowance - care component	Hhold
ATTDISB5	Disability allowance: Personal Independence Allowance - mobility component	Hhold
ATTDISB96	Disability allowance: None of these	Hhold
ATTDISWHO_P1	Does person P1 receive any of these allowances	Hhold
ATTDISWHO_P2	Does person P2 receive any of these allowances	Hhold
ATTDISWHO_P3	Does person P3 receive any of these allowances	Hhold
ATTDISWHO_P4	Does person P4 receive any of these allowances	Hhold
ATTDISWHO_P5	Does person P5 receive any of these allowances	Hhold

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[9] Some catgeories recoded and renamed Origin3

ATTDISWHO_P6	Does person P6 receive any of these allowances	Hhold
ATTDISWHO_P7	Does person P7 receive any of these allowances	Hhold
ATTDISWHO_P8	Does person P8 receive any of these allowances	Hhold
ATTDISWHO_P9	Does person P9 receive any of these allowances	Hhold
ATTDISWHO_P10	Does person P10 receive any of these allowances	Hhold
ATTDISWHO_P11	Does person P11 receive any of these allowances	Hhold
ATTDISWHO_P12	Does person P12 receive any of these allowances	Hhold
ATTDAA1_P1	Disability - Attendance allowance rate for P1 : Higher rate for attendance day & night	Hhold
ATTDAA2_P1	Disability - Attendance allowance rate for P1 : lower rate for attendance day or night	Hhold
ATTDDLAC1_P1	Disability - Disability living allowance care rate for P1 : highest rate	Hhold
ATTDDLAC2_P1	Disability - Disability living allowance care rate for P1 : middle rate	Hhold
ATTDDLAC3_P1	Disability - Disability living allowance care rate for P1 : lower rate	Hhold
ATTDDLAM1_P1	Disability - Disability living allowance mobility rate for P1 : higher rate	Hhold
ATTDDLAM2_P1	Disability - Disability living allowance mobility rate for P1 : lower rate	Hhold
ATTDPIPC1_P1	Disability - Personal independence payment allowance mobility rate for P1 : higher rate	Hhold
ATTDPIPC2_P1	Disability - Personal independence payment allowance mobility rate for P1 : lower rate	Hhold
ATTDPIPM1_P1	Disability - Personal independence payment allowance mobility rate for P1 : higher rate	Hhold
ATTDPIPM2_P1	Disability - Personal independence payment allowance mobility rate for P1 : lower rate	Hhold
ATTDAA1_P2	Disability - Attendance allowance rate for P2 : Higher rate for attendance day & night	Hhold
ATTDAA2_P2	Disability - Attendance allowance rate for P2 : lower rate for attendance day or night	Hhold
ATTDDLAC1_P2	Disability - Disability living allowance care rate for P2 : highest rate	Hhold
ATTDDLAC2_P2	Disability - Disability living allowance care rate for P2 : middle rate	Hhold
ATTDDLAC3_P2	Disability - Disability living allowance care rate for P2 : lower rate	Hhold
ATTDDLAM1_P2	Disability - Disability living allowance mobility rate for P2 : higher rate	Hhold
ATTDDLAM2_P2	Disability - Disability living allowance mobility rate for P2 : lower rate	Hhold
ATTDPIPC1_P2	Disability - Personal independence payment allowance mobility rate for P2 : higher rate	Hhold
ATTDPIPC2_P2	Disability - Personal independence payment allowance mobility rate for P2 : lower rate	Hhold
ATTDPIPM1_P2	Disability - Personal independence payment allowance mobility rate for P2 : higher rate	Hhold
ATTDPIPM2_P2	Disability - Personal independence payment allowance mobility rate for P2 : lower rate	Hhold
ATTDAA1_P3	Disability - Attendance allowance rate for P3 : Higher rate for attendance day & night	Hhold
ATTDAA2_P3	Disability - Attendance allowance rate for P3 : lower rate for attendance day or night	Hhold
ATTDDLAC1_P3	Disability - Disability living allowance care rate for P3 : highest rate	Hhold
ATTDDLAC2_P3	Disability - Disability living allowance care rate for P3 : middle rate	Hhold
ATTDDLAC3_P3	Disability - Disability living allowance care rate for P3 : lower rate	Hhold
ATTDDLAM1_P3	Disability - Disability living allowance mobility rate for P3 : higher rate	Hhold
ATTDDLAM2_P3	Disability - Disability living allowance mobility rate for P3 : lower rate	Hhold
ATTDPIPC1_P3	Disability - Personal independence payment allowance mobility rate for P3 : higher rate	Hhold
ATTDPIPC2_P3	Disability - Personal independence payment allowance mobility rate for P3 : lower rate	Hhold
ATTDPIPM1_P3	Disability - Personal independence payment allowance mobility rate for P3 : higher rate	Hhold
ATTDPIPM2_P3	Disability - Personal independence payment allowance mobility rate for P3 : lower rate	Hhold
ATTDAA1_P4	Disability - Attendance allowance rate for P4 : Higher rate for attendance day & night	Hhold
ATTDAA2_P4	Disability - Attendance allowance rate for P4 : lower rate for attendance day or night	Hhold
ATTDDLAC1_P4	Disability - Disability living allowance care rate for P4 : highest rate	Hhold
ATTDDLAC2_P4	Disability - Disability living allowance care rate for P4 : middle rate	Hhold
ATTDDLAC3_P4	Disability - Disability living allowance care rate for P4 : lower rate	Hhold
ATTDDLAM1_P4	Disability - Disability living allowance mobility rate for P4 : higher rate	Hhold
ATTDDLAM2_P4	Disability - Disability living allowance mobility rate for P4 : lower rate	Hhold
ATTDPIPC1_P4	Disability - Personal independence payment allowance mobility rate for P4 : higher rate	Hhold
ATTDPIPC2_P4	Disability - Personal independence payment allowance mobility rate for P4 : lower rate	Hhold

ATTDPIPM1_P4	Disability - Personal independence payment allowance mobility rate for P4 : higher rate	Hhold
ATTDPIPM2_P4	Disability - Personal independence payment allowance mobility rate for P4 : lower rate	Hhold
ATTDAA1_P5	Disability - Attendance allowance rate for P5 : Higher rate for attendance day & night	Hhold
ATTDAA2_P5	Disability - Attendance allowance rate for P5 : lower rate for attendance day or night	Hhold
ATTDDLAC1_P5	Disability - Disability living allowance care rate for P5 : highest rate	Hhold
ATTDDLAC2_P5	Disability - Disability living allowance care rate for P5 : middle rate	Hhold
ATTDDLAC3_P5	Disability - Disability living allowance care rate for P5 : lower rate	Hhold
ATTDDLAM1_P5	Disability - Disability living allowance mobility rate for P5 : higher rate	Hhold
ATTDDLAM2_P5	Disability - Disability living allowance mobility rate for P5 : lower rate	Hhold
ATTDPIPC1_P5	Disability - Personal independence payment allowance mobility rate for P5 : higher rate	Hhold
ATTDPIPC2_P5	Disability - Personal independence payment allowance mobility rate for P5 : lower rate	Hhold
ATTDPIPM1_P5	Disability - Personal independence payment allowance mobility rate for P5 : higher rate	Hhold
ATTDPIPM2_P5	Disability - Personal independence payment allowance mobility rate for P5 : lower rate	Hhold
ATTDAA1_P6	Disability - Attendance allowance rate for P6 : Higher rate for attendance day & night	Hhold
ATTDAA2_P6	Disability - Attendance allowance rate for P6 : lower rate for attendance day or night	Hhold
ATTDDLAC1_P6	Disability - Disability living allowance care rate for P6 : highest rate	Hhold
ATTDDLAC2_P6	Disability - Disability living allowance care rate for P6 : middle rate	Hhold
ATTDDLAC3_P6	Disability - Disability living allowance care rate for P6 : lower rate	Hhold
ATTDDLAM1_P6	Disability - Disability living allowance mobility rate for P6 : higher rate	Hhold
ATTDDLAM2_P6	Disability - Disability living allowance mobility rate for P6 : lower rate	Hhold
ATTDPIPC1_P6	Disability - Personal independence payment allowance mobility rate for P6 : higher rate	Hhold
ATTDPIPC2_P6	Disability - Personal independence payment allowance mobility rate for P6 : lower rate	Hhold
ATTDPIPM1_P6	Disability - Personal independence payment allowance mobility rate for P6 : higher rate	Hhold
ATTDPIPM2_P6	Disability - Personal independence payment allowance mobility rate for P6 : lower rate	Hhold
ATTDAA1_P7	Disability - Attendance allowance rate for P7 : Higher rate for attendance day & night	Hhold
ATTDAA2_P7	Disability - Attendance allowance rate for P7 : lower rate for attendance day or night	Hhold
ATTDDLAC1_P7	Disability - Disability living allowance care rate for P7 : highest rate	Hhold
ATTDDLAC2_P7	Disability - Disability living allowance care rate for P7 : middle rate	Hhold
ATTDDLAC3_P7	Disability - Disability living allowance care rate for P7 : lower rate	Hhold
ATTDDLAM1_P7	Disability - Disability living allowance mobility rate for P7 : higher rate	Hhold
ATTDDLAM2_P7	Disability - Disability living allowance mobility rate for P7 : lower rate	Hhold
ATTDPIPC1_P7	Disability - Personal independence payment allowance mobility rate for P7 : higher rate	Hhold
ATTDPIPC2_P7	Disability - Personal independence payment allowance mobility rate for P7 : lower rate	Hhold
ATTDPIPM1_P7	Disability - Personal independence payment allowance mobility rate for P7 : higher rate	Hhold
ATTDPIPM2_P7	Disability - Personal independence payment allowance mobility rate for P7 : lower rate	Hhold
ATTDAA1_P8	Disability - Attendance allowance rate for P8 : Higher rate for attendance day & night	Hhold
ATTDAA2_P8	Disability - Attendance allowance rate for P8 : lower rate for attendance day or night	Hhold
ATTDDLAC1_P8	Disability - Disability living allowance care rate for P8 : highest rate	Hhold
ATTDDLAC2_P8	Disability - Disability living allowance care rate for P8 : middle rate	Hhold
ATTDDLAC3_P8	Disability - Disability living allowance care rate for P8 : lower rate	Hhold
ATTDDLAM1_P8	Disability - Disability living allowance mobility rate for P8 : higher rate	Hhold
ATTDDLAM2_P8	Disability - Disability living allowance mobility rate for P8 : lower rate	Hhold
ATTDPIPC1_P8	Disability - Personal independence payment allowance mobility rate for P8 : higher rate	Hhold
ATTDPIPC2_P8	Disability - Personal independence payment allowance mobility rate for P8 : lower rate	Hhold
ATTDPIPM1_P8	Disability - Personal independence payment allowance mobility rate for P8 : higher rate	Hhold
ATTDPIPM2_P8	Disability - Personal independence payment allowance mobility rate for P8 : lower rate	Hhold

ATTDAA1_P9	Disability - Attendance allowance rate for P9 : Higher rate for attendance day & night	Hhold
ATTDAA2_P9	Disability - Attendance allowance rate for P9 : lower rate for attendance day or night	Hhold
ATTDDLAC1_P9	Disability - Disability living allowance care rate for P9 : highest rate	Hhold
ATTDDLAC2_P9	Disability - Disability living allowance care rate for P9 : middle rate	Hhold
ATTDDLAC3_P9	Disability - Disability living allowance care rate for P9 : lower rate	Hhold
ATTDDLAM1_P9	Disability - Disability living allowance mobility rate for P9 : higher rate	Hhold
ATTDDLAM2_P9	Disability - Disability living allowance mobility rate for P9 : lower rate	Hhold
ATTDPIPC1_P9	Disability - Personal independence payment allowance mobility rate for P9 : higher rate	Hhold
ATTDPIPC2_P9	Disability - Personal independence payment allowance mobility rate for P9 : lower rate	Hhold
ATTDPIPM1_P9	Disability - Personal independence payment allowance mobility rate for P9 : higher rate	Hhold
ATTDPIPM2_P9	Disability - Personal independence payment allowance mobility rate for P9 : lower rate	Hhold
ATTDAA1_P10	Disability - Attendance allowance rate for P10 : Higher rate for attendance day & night	Hhold
ATTDAA2_P10	Disability - Attendance allowance rate for P10 : lower rate for attendance day or night	Hhold
ATTDDLAC1_P10	Disability - Disability living allowance care rate for P10 : highest rate	Hhold
ATTDDLAC2_P10	Disability - Disability living allowance care rate for P10 : middle rate	Hhold
ATTDDLAC3_P10	Disability - Disability living allowance care rate for P10 : lower rate	Hhold
ATTDDLAM1_P10	Disability - Disability living allowance mobility rate for P10 : higher rate	Hhold
ATTDDLAM2_P10	Disability - Disability living allowance mobility rate for P10 : lower rate	Hhold
ATTDPIPC1_P10	Disability - Personal independence payment allowance mobility rate for P10 : higher rate	Hhold
ATTDPIPC2_P10	Disability - Personal independence payment allowance mobility rate for P10 : lower rate	Hhold
ATTDPIPM1_P10	Disability - Personal independence payment allowance mobility rate for P10 : higher rate	Hhold
ATTDPIPM2_P10	Disability - Personal independence payment allowance mobility rate for P10 : lower rate	Hhold
ATTDAA1_P11	Disability - Attendance allowance rate for P11 : Higher rate for attendance day & night	Hhold
ATTDAA2_P11	Disability - Attendance allowance rate for P11 : lower rate for attendance day or night	Hhold
ATTDDLAC1_P11	Disability - Disability living allowance care rate for P11 : highest rate	Hhold
ATTDDLAC2_P11	Disability - Disability living allowance care rate for P11 : middle rate	Hhold
ATTDDLAC3_P11	Disability - Disability living allowance care rate for P11 : lower rate	Hhold
ATTDDLAM1_P11	Disability - Disability living allowance mobility rate for P11 : higher rate	Hhold
ATTDDLAM2_P11	Disability - Disability living allowance mobility rate for P11 : lower rate	Hhold
ATTDPIPC1_P11	Disability - Personal independence payment allowance mobility rate for P11 : higher rate	Hhold
ATTDPIPC2_P11	Disability - Personal independence payment allowance mobility rate for P11 : lower rate	Hhold
ATTDPIPM1_P11	Disability - Personal independence payment allowance mobility rate for P11 : higher rate	Hhold
ATTDPIPM2_P11	Disability - Personal independence payment allowance mobility rate for P11 : lower rate	Hhold
ATTDAA1_P12	Disability - Attendance allowance rate for P12 : Higher rate for attendance day & night	Hhold
ATTDAA2_P12	Disability - Attendance allowance rate for P12 : lower rate for attendance day or night	Hhold
ATTDDLAC1_P12	Disability - Disability living allowance care rate for P12 : highest rate	Hhold
ATTDDLAC2_P12	Disability - Disability living allowance care rate for P12 : middle rate	Hhold
ATTDDLAC3_P12	Disability - Disability living allowance care rate for P12 : lower rate	Hhold
ATTDDLAM1_P12	Disability - Disability living allowance mobility rate for P12 : higher rate	Hhold
ATTDDLAM2_P12	Disability - Disability living allowance mobility rate for P12 : lower rate	Hhold
ATTDPIPC1_P12	Disability - Personal independence payment allowance mobility rate for P12 : higher rate	Hhold
ATTDPIPC2_P12	Disability - Personal independence payment allowance mobility rate for P12 : lower rate	Hhold
ATTDPIPM1_P12	Disability - Personal independence payment allowance mobility rate for P12 : higher rate	Hhold
ATTDPIPM2_P12	Disability - Personal independence payment allowance mobility rate for P12 : lower rate	Hhold

Nurse Admin

Variable	Description	Source
NRFNO*	Nurse Number	Nurse
NUROUTC	Outcome of nurse visit	Nurse
NURSE	Agreed to nurse appointment (at individual interview)	Indiv
NRSERF00	Refused nurse: Own doctor already has information	Indiv
NRSERF01	Refused nurse: Given enough time already to this survey/expecting too much	Indiv
NRSERF02	Refused nurse: Too busy, cannot spare the time	Indiv
NRSERF03	Refused nurse: Had enough of medical tests/medical profession at present time	Indiv
NRSERF04	Refused nurse: Worried about what nurse may find out	Indiv
NRSERF05	Refused nurse: Scared of medical profession/ particular medical procedures	Indiv
NRSERF06	Refused nurse: Not interested/Can't be bothered/No particular reason	Indiv
NRSERF07	Refused nurse: Other reason	Indiv
VISDAY*	Date of nurse interview, day	Nurse
VISMON	Date of nurse interview, month	Nurse
VISYEAR*	Date of nurse interview, year	Nurse
QRTNVIS	(D) Quarter of year of nurse visit interview	Derived
NURDAYW	(D) Weekday of nurse interview	Derived

Relationships

Variable	Description	Source
MARITALD*	Marital status	Hhold
MARSTATD	(D) Marital status including cohabitees	Derived
MARSTATQ	(D) Marital status including cohabitees(including civil partnership category)	Derived
COUPLE	Living with anyone in this household	Hhold
LEGPAR	Parent/legal guardian in hhold	Hhold
PAR1	Child's parent or legal responsibility for him/her	Hhold
PAR2	Other parent or legally responsible for him/her	Hhold
LIVEWITH	Cohabitee	Hhold
RELTO01	Relationship to person 1	Hhold
RELTO02	Relationship to person 2	Hhold
RELTO03	Relationship to person 3	Hhold
RELTO04	Relationship to person 4	Hhold
RELTO05	Relationship to person 5	Hhold
RELTO06	Relationship to person 6	Hhold
RELTO07	Relationship to person 7	Hhold
RELTO08	Relationship to person 8	Hhold
RELTO09	Relationship to person 9	Hhold
RELTO10	Relationship to person 10	Hhold
RELTO11	Relationship to person 11	Hhold
RELTO12	Relationship to person 12	Hhold
RELTOHRP	Relationship to household reference person	Hhold
NATPR1	(D) relationship of child to parent or guardian	Derived
NATPR2	(D) relationship of child to parent or guardian	Derived

Sample Info

Variable	Description	Source
SAMPTYPE	Sample type	Sample
TYPDWELL*	Dwelling type	ARF
URBAN	(D) Rurality of dwelling unit	Derived
URINDEW*	Urban/Rural Indicator	Sample
QIMD	(D) Quintile of IMD SCORE	Derived
GOR1	Government Office Region - numeric	Hhold
SHA	Strategic Health Authority (OSHLTHAU)	Hhold
OAC11SPG	Output Area Classification 2011 - Supergroups	Hhold
ACSPG11	Area Classification for Local Authorities 2011 - Supergroups	Hhold
ACGRP11	Area Classification for Local Authorities 2011 - Groups	Hhold
POINT[10]	Sample point number	Hhold
ADDRESS[11]	Address number	Sample

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* Removed from dataset due to reasons of confidentiality
[10] Variable scrambled and renamed PSU in archived dataset.
[11] Variable scrambled and renamed ADDNUM in archived dataset.

HHOLD	Household number	Sample
STRATA[12]	Stratification level	Indiv
NOFHH	Number of households	ARF
PCTSPEAR	(D) PCT spearhead indicator for new PCTs	Derived
AREA	Sample point	Sample
ACORNNCAT	(L) ACORN category classification (6 groups)	Linked
ACORNWBGRP	(L) ACORN wellbeing group	Linked

Weighting

Variable	Description	Source
WT_HHOLD	HSE 2014 Weight for analysis of household sample	Other
WT_INT	HSE 2014 Weight for analysis of interview sample	Other
WT_NURSE	HSE 2014 Weight for analysis of nurse sample	Other
WT_BLOOD	HSE 2014 Weight for analysis of blood sample	Other
WT_COTININE	HSE 2014 Weight for analysis of cotinine sample	Other
WT_URINE	HSE 2014 Weight for analysis of Urine sample	Other
WT_LTCP	HSE 2014 Weight for analysis of adults selected for long term care plan module	Other

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[12] Variable scrambled and renamed CLUSTER in archived dataset.
[*] Removed from dataset due to reasons of confidentiality

Anthropometric Measurements

Birth

Variable	Description	Source
PRMATURE	Whether born prematurely	Indiv
PRWEEKS	If premature, number of weeks born early	Indiv
PREGNOWB	Whether pregnant now	Indiv

Height/Weight Admin

Variable	Description	Source
RESPHTS	Response to height measurement	Indiv
RESNHI	Reason for refusal of height.	Indiv
EHTCH	Non proxy: Form in which estimated height given	Indiv
NOHTBC	Reason for not obtaining height measurement	Indiv
RELHITE	Is this height measurement reliable?	Indiv
HINREL	What caused the height measurement to be unreliable?	Indiv
RESPWTS	Response to weight measurement	Indiv
RESNWT	Refusal of weight measurement	Indiv
NOWTBC	Reason for not obtaining weight measurement	Indiv
EWTCH	Form in which estimated weight given	Indiv
FLOORC1	Scales placed on uneven floor	Indiv
FLOORC2	Scales placed on carpet	Indiv
FLOORC3	Scales placed on none of these	Indiv
RELWAITB	Is this weight measurement reliable?	Indiv
STADNO	Serial number of stadiometer	Indiv
SCLNO	Serial number of scales	Indiv
HTOK	(D) Whether height measure is valid	Derived
WTOK	(D) Whether weight measure is valid	Derived
BMIOK	(D) Whether bmi measure is valid	Derived

Measurements

Variable	Description	Source
HEIGHT	Height (cm) inc unreliable measurements	Indiv
HTSR	Self-reportedheight (cm)	Indiv
WEIGHT	Weight (kg) - inc unreliable measurements	Indiv
WTSR	Self-reported weight (kg)	Indiv
BIRTHWT	Birth weight (kg)	Indiv
WAIST1	Waist 1st measurement (cm)	Nurse
HIP1	Hip 1st measurement (cm)	Nurse
WAIST2	Waist 2nd measurement (cm)	Nurse
HIP2	Hip 2nd measurement (cm)	Nurse
WAIST3	Waist 3rd measurement (cm)	Nurse
HIP3	Hip 3rd measurement (cm)	Nurse
HTVAL	(D) Valid height (cm)	Derived
WTVAL	(D) Valid weight (Kg) inc. estimated>130kg	Derived
WTVAL2	(D) Valid weight (Kg) inc. estimated>200kg	Derived
WSTVAL	(D) Valid Mean Waist (cm)	Derived
HIPVAL	(D) Valid Mean Hip (cm)	Derived
BMIOWGT	(D) Overweight, incl obese,binary	Derived
BMISR	(D) Self-reported BMI	Derived
BMISRG5	(D) Self-reported BMI (grouped:<18.5,18.5-25,25-30,30-40 40+)	Derived
BMI	(D) BMI - inc unreliable measurements	Derived
BMIVAL	(D) Valid BMI measurements using estimated weight if >130kg	Derived
BMIVAL2	(D) Valid BMI measurements using estimated weight if >200kg	Derived
BMIVG5	(D) Valid BMI (grouped:<18.5,18.5-25,25-30,30-40 40+) using estimated weight if >130kg	Derived
BMIVG52	(D) Valid BMI (grouped:<18.5,18.5-25,25-30,30-40 40+) using estimated weight if >200kg	Derived
BMIVG53	(D) Valid BMI (grouped:<18.5,18.5-25,25-30,30-35,35+) estimated weight if >200kg	Derived
BMIVG3	(D) BMI grouped combining underweight and normal, overweight and combining obese and mobidly obese	Derived

BMIVG6	(D) BMI grouped with Obese categories I, II, III	Derived
BMIVG8	(D) BMI in 8 categories	Derived
BMI_GROUP	(D) BMI grouped excluding underweight and combining obese and morbidly obese	Derived
BMIVGDR	(D) WHO diabetes risk category	Derived
BMICAT1	(D) UK BMI national classification standards Age 2-15 (85th/95th centile) 2008	Derived
BMICAT2	(D) BMI status Age 2-15 (ovrght inc. obese) 2008	Derived
BMICAT3	(D) BMI status Age 2-15 (non-obese vs obese) 2008	Derived
WHVAL	(D) Valid Mean Waist/Hip ratio	Derived
MENWHGP	(D) Male waist hip ratio groups (adults)	Derived
MENWHHI	(D) Male high waist hip ratio	Derived
WOMWHGP	(D) Female waist hip ratio groups	Derived
WOMWHHI	(D) Female high waist hip ratio	Derived
WAISTHI	(D) Raised waist measurement over 102cm for men and 88cm for women	Derived
WSTGP3	(D) waist circumference in 3 groups (valid waist)	Derived
WAIST	D) Waist circumference, defined by NICE (3 groups, based on valid waist and BMIvg6)	Derived
OHTHRISK	(D) Health risk classifications based on body mass index (BMI) and waist circumference (as defined by NICE)	Derived
OHTHRISKG	(D) Health risk classifications based on body mass index (BMI) and waist circumference, grouped (as defined by NICE)	Derived

Waist/Hip Admin

Variable	Description	Source
WHINTRO	Consent to waist/hip measurements	Nurse
RESPWH	Response to waist/hip measurements	Nurse
YNOWH	Reason no waist/hip measurements	Nurse
WHPNABM1	No waist/hip: Respondent is chairbound	Nurse
WHPNABM2	No waist/hip: Respondent is confined to bed	Nurse
WHPNABM3	No waist/hip: Respondent is too stooped	Nurse
WHPNABM4	No waist/hip: Respondent did not understand the procedure	Nurse
WHPNABM5	No waist/hip: Respondent is embarrassed/sensitive about their size	Nurse
WHPNABM6	No waist/hip: No time/busy/already spent enough time on this survey	Nurse
WHPNABM7	No waist/hip: Other reason	Nurse
WHPNABM8	No waist/hip: Measurement tape not long enough	Nurse
WJREL	Whether problems with waist measurement	Nurse
PROBWJ	Problems experienced likely to increase/decrease waist measurement	Nurse
HJREL	Whether problems with hip measurement	Nurse
PROBHJ	Problems likely to increase/decrease waist measurement	Nurse
WSTOKB	(D) Whether waist measurements are valid	Derived
HIPOKB	(D) Whether hip measurements are valid	Derived
WHOKB	(D) Whether waist/hip measure is valid	Derived

Self Perception of Weight

Variable	Description	Source
C1PNO	Person no. of child 1	SC 16+
C1WGT	Weight of child 1	SC 16+
C2PNO	Person no. of child 2	SC 16+
C2WGT	Weight of child 2	SC 16+
SAYWGT	How views own weight – child 8-15	SC 8-15
SAYDIET	Whether trying to lose or gain weight – child 8-15	SC 8-15

Blood Sample

Admin

Variable	Description	Source
BSOUTC	Outcome of blood sample	Nurse
BSOUTE	(D) Blood Sample Outcome	Derived
CLOTB	Whether has clotting disorder	Nurse
FIT	Whether ever had a fit	Nurse
BSWILL	Consent to blood sample	Nurse
REFBSC1	Refused blood sample: Previous difficulties with venepuncture	Nurse
REFBSC2	Refused blood sample: Dislike/fear of needles	Nurse
REFBSC3	Refused blood sample: Respondent recently had blood test/health check	Nurse
REFBSC4	Refused blood sample: Refused because of current illness	Nurse
REFBSC5	Refused blood sample: Worried about HIV or AIDS	Nurse
REFBSC6	Refused blood sample: Other	Nurse
RESPILL	Whether had a cough, cold or flu in the last month (only asked during interview period Jan-Mar 2013)	Nurse
SAMPFA1	Plain red tube filled (Apr-Sept)	Nurse
SAMPFB1	Plain red tube filled (Oct-Mar)	Nurse
SAMPF2	EDTA purple tube filled	Nurse
SAMPTAK	Blood sample outcome:	Nurse
SAMPARM	Which arm the blood was taken:	Nurse
SAMDIFC1	Blood sample prob: No problem	Nurse
SAMDIFC2	Blood sample prob: Incomplete sample	Nurse
SAMDIFC3	Blood sample prob: Collapsing/poor veins	Nurse
SAMDIFC4	Blood sample prob: Second attempt necessary	Nurse
SAMDIFC5	Blood sample prob: Some blood obtained, but respondent felt faint/fainted	Nurse
SAMDIFC6	Blood sample prob: Unable to use tourniquet	Nurse
SAMDIFC7	Blood sample prob: Other	Nurse
NOBSC1	No blood obtained: No suitable or no palpable vein/collapsed veins	Nurse
NOBSC2	No blood obtained: Respondent was too anxious/nervous	Nurse
NOBSC3	No blood obtained: Respondent felt faint/fainted	Nurse
NOBSC4	No blood obtained: Other	Nurse
GPSAM	Registered with GP	Nurse
SENDSAM	Permission to send results of blood sample to GP	Nurse
SENSAC1	Blood sample not to GP: Hardly/never sees GP	Nurse
SENSAC2	Blood sample not to GP: GP recently took blood sample	Nurse
SENSAC3	Blood sample not to GP: Does not want to bother GP	Nurse
SENSAC4	Blood sample not to GP: Other	Nurse
CONSTORB	Consent to store blood for future analysis	Nurse
SNDRSAM	Whether wants results of blood sample	Nurse
CHOLOK2	(D) Response to Total Cholesterol sample	Derived
HDLOK2	(D) Response to HDL Cholesterol sample	Derived
GLYHBOK	(D) Response to Glycated HB sample	Derived

Measurements

Variable	Description	Source
CHOLEST	Total cholesterol result mmol/L (Blood data)	Lab
CHOLQUAL	Total cholesterol serum quality (Blood data)	Lab
CHOLVAL2	(D) Valid Total Cholesterol result {revised}	Derived
CHOLVAL12	(D) Valid Cholesterol result (incl those on LLD) {revised}	Derived
CHOLFOUR2	(D) Whether Total Cholesterol < 4 (incl those on LLD) {revised}	Derived
CHOLFIVE2	(D) Whether Total Cholesterol < 5 (incl those on LLD) {revised}	Derived
HDLCHOL	HDL Cholesterol result (Blood data)	Lab
HDLQUAL	HDL Cholesterol serum quality (Blood data)	Lab
HDLVAL2	(D) Valid HDL Cholesterol result {revised}	Derived
HDLVAL12	(D) Valid HDL Cholesterol result (incl those on LLD) {revised}	Derived
HDLONE2	(D) Whether HDL Cholesterol < 1 (incl those on LLD) {revised}	Derived
GLYHB	Glycated haemoglobin result (%) (Blood data)	Lab
GLHBQUAL	Glycated haemoglobin serum quality (Blood data)	Lab
GLYHBVAL	(D) Valid Glycated haemoglobin result (%)	Derived
GLYHB3G	(D) Glycated haemoglobin (%) 3 groups	Derived
GLYHBHI	(D) Raised glycated haemoglobin (%)	Derived
IFCCA1	Glycated haemoglobin result (mmol/ml) (Blood data)	Lab

IFCCA1Q	Glycated haemoglobin serum quality (mmol/ml) (Blood data)	Lab
IFFCVAL	(D) Valid glycated haemoglobin result in mmol per ml (IFFC)	Derived

Blood Pressure

Admin

Variable	Description	Source
BPOUTC	Blood Pressure Outcome	Nurse
BPCONST	Consent to give BP measurement	Nurse
CONSBX11	Eaten in last 30 mins	Nurse
CONSBX12	Smoked in last 30 mins	Nurse
CONSBX13	Drunk alcohol in last 30 mins	Nurse
CONSBX14	Exercised vigorously in last 30 mins	Nurse
CONSBX15	Nothing to effect BP in last 30 mins	Nurse
CON60SB1	Eaten in the past 60 minutes	Nurse
CON60SB2	Smoked in the past 60 minutes	Nurse
CON60SB3	Drunk alcohol in the past 60 minutes	Nurse
CON60SB4	Exercised vigorously in the past 60 minutes	Nurse
CON60SB5	Nothing to affect BP in the past 60 minutes	Nurse
CONSU2X1	Eaten in the past 30 minutes (age 5-12)	Nurse
CONSU2X4	Exercised vigorously in the past 30 minutes (age 5-12)	Nurse
CONSU2X5	Neither in the past 30 minutes (age 5-12)	Nurse
CON60S21	Eaten in the past 60 minutes (age 5-12)	Nurse
CON60S24	Exercised vigorously in the past 60 minutes (age 5-12)	Nurse
CON60S25	Neither in the past 60 minutes (age 5-12)	Nurse
OMRONNO	Omron serial no	Nurse
CUFSIZE	Cuff size used	Nurse
AIRTEMP	Air temperature	Nurse
FULL1	Reliability of 1st set of BP readings	Nurse
FULL2	Reliability of 2nd set of BP readings	Nurse
FULL3	Reliability of 3rd set of BP readings	Nurse
YNOBP	Reason no BP measurements taken	Nurse
RESPBPS	Response to BP measurements	Nurse
NATTBP00	BP not obtained: Problems with PC	Nurse
NATTBP01	BP not obtained: Respondent upset/anxious/nervous	Nurse
NATTBP02	BP not obtained: Error reading	Nurse
NATTBP03	BP not obtained: Respondent too shy	Nurse
NATTBP04	BP not obtained: Child would not sit still	Nurse
NATTBP05	BP not obtained: Problems with cuff fitting/painful	Nurse
NATTBP06	BP not obtained: Problems with equipment	Nurse
NATTBP95	BP not obtained: Other reason	Nurse
DIFBPC01	BP problems: No problems taking blood pressure	Nurse
DIFBPC02	BP problems: Reading on left arm as right arm not suitable	Nurse
DIFBPC03	BP problems: Respondent was anxious/upset/nervous	Nurse
DIFBPC04	BP problems: Problem with cuff fitting/painful	Nurse
DIFBPC05	BP problems: Omron problem (not error reading)	Nurse
DIFBPC06	BP problems: Omron error reading	Nurse
DIFBPC95	BP problems: Other problem	Nurse
GPREGB	Whether registered with a GP	Nurse
GPSEND	Consent to send BP readings to GP	Nurse
GPREFC1	BP not to GP: Hardly/never sees GP	Nurse
GPREFC2	BP not to GP: GP knows respondents BP	Nurse
GPREFC3	BP not to GP: Does not want to bother GP	Nurse
GPREFC4	BP not to GP: Other reason	Nurse
BPRESPC	(D) Whether BP readings are valid	Derived

Measurements

Variable	Description	Source
SYS1OM	1st Systolic reading(mmHg)	Nurse
DIAS1OM	1st Diastolic reading(mmHg)	Nurse
PULS1OM	1st pulse reading(bpm)	Nurse
MAP1OM	1st MAP reading(mmHg)	Nurse
SYS2OM	2nd Systolic reading(mmHg)	Nurse
DIAS2OM	2nd Diastolic reading(mmHg)	Nurse
PULS2OM	2nd pulse reading(bpm)	Nurse
MAP2OM	2nd MAP reading(mmHg)	Nurse
SYS3OM	3rd Systolic reading(mmHg)	Nurse

DIAS3OM	3rd Diastolic reading(mmHg)	Nurse
PULS3OM	3rd pulse reading(bpm)	Nurse
MAP3OM	3rd MAP reading(mmHg)	Nurse
OMDIAST	(D) Omron Diastolic BP (mean 2nd/3rd) inc. invalid	Derived
OMSYST	(D) Omron Systolic BP (mean 2nd/3rd) inc. invalid	Derived
OMMAP	(D) Omron Mean arterial pressure (mean 2nd/3rd) inc. invalid	Derived
OMPULS	(D) Omron Pulse pressure, systolic-diastolic inc. invalid	Derived
OMDIAVAL	(D) Omron Valid Mean Diastolic BP	Derived
OMSYSVAL	(D) Omron Valid Mean Systolic BP	Derived
OMMAPVAL	(D) Omron Valid Mean Arterial Pressure	Derived
OMPULVAL	(D) Omron Valid Pulse Pressure	Derived
HYPER1OM2	(D) Hypertensive catagories: all prescribed drugs for BP (Omron readings) {revised}	Derived
HYPER2OM2	(D) Hypertensive catagories: all taking BP drugs (Omron readings) {revised}	Derived
HY140OM2	(D) Hypertensive catagories: 140/90: all prescribed drugs for BP (Omron readings) {revised}	Derived
HIBP1OM2	(D) Whether hypertensive: all prescribed drugs for BP (Omron readings) {revised}	Derived
HIBP2OM2	(D) Whether hypertensive: all taking BP drugs (Omron readings) {revised}	Derived
HBP140OM2	(D) Whether hypertensive: 140/90: all prescribed drugs for BP (Omron readings) {revised}	Derived
BPHI3G	(D) Valid blood pressure 3 groups	Derived
HBP160OM2	(D) Hypertensive untreated (160/100): all prescribed drugs for BP (Omron readings) {revised}	Derived

Drinking

Adult General

Variable	Description	Source
WHYTT	Reason why stopped drinking	Indiv
DDRINKAG	Age first alcoholic drink	SC YP
DNNOW	Whether drinks nowadays	Indiv/SC YP
DNANY	Whether drinks occasionally or never drinks	Indiv/SC YP
DNEVR	Whether always non-drinker	Indiv/SC YP
DNOFT	Frequency drank any alcoholic drink last 12 mths	Indiv/SC YP
DNOFT3	(D) Frequency drink alcohol in past 12 months: including non-drinkers	Derived
DRINKYN	(D) Drink alcohol in last 12 months, binary	Derived
NORBOT	(D) Normal beer bottle multiplier (16yrs+)	Derived
STRBOT	(D) Strong beer bottle multiplier (16yrs+)	Derived

Adult 7 Days

Variable	Description	Source
DRNKSAME	Whether drank more on a particular day in last 7 days	Indiv
WHICHDAY	Which day drank most in last 7	Indiv
DRAMOUNT	Drink now compared to 5 years ago	Indiv
D7DAY	Whether had drink in last 7 days (c+sc)	Indiv/SC YP
D7MANY	How many days in last 7 had a drink (c+sc)	Indiv/SC YP
D7TYP1	Heaviest day: Normal Beer (c+sc)	Indiv/SC YP
D7TYP2	Heaviest day: Strong Beer (c+sc)	Indiv/SC YP
D7TYP3	Heaviest day: Spirits (c+sc)	Indiv/SC YP
D7TYP4	Heaviest day: Sherry (c+sc)	Indiv/SC YP
D7TYP5	Heaviest day: Wine (c+sc)	Indiv/SC YP
D7TYP6	Heaviest day: Alcopops (c+sc)	Indiv/SC YP
NBRL71	Heaviest day normal beer: Half pints	Indiv
NBRL72	Heaviest day normal beer: Small cans	Indiv
NBRL73	Heaviest day normal beer: Large cans	Indiv
NBRL74	Heaviest day normal beer: Bottles	Indiv
NBERQHP7	Amount normal beer (half pints) on heaviest day	Indiv
NBERQSM7	Amount normal beer (small cans/bottles) on heaviest day (c+sc)	Indiv/SC YP
NBERQLG7	Amount normal beer (large cans/bottles) on heaviest day (c+sc)	Indiv/SC YP
NBERQPT7	Amount normal beer (pints) on heaviest day	SC YP
NBERQBT7	Amount normal beer (bottles) on heaviest day	Indiv
L7NCODEQ	Normal beer bottle size (pints) - heaviest day	Indiv
SBRL71	Heaviest day strong beer: Half pints	Indiv
SBRL72	Heaviest day strong beer: Small cans	Indiv/SC YP
SBRL73	Heaviest day strong beer: Large cans	Indiv/SC YP
SBRL74	Heaviest day strong beer: Bottles	Indiv
SBERQHP7	Amount strong beer (half pints) on heaviest day	Indiv
SBERQSM7	Amount strong beer (small cans/bottles) on heaviest day (c+sc)	Indiv/SC YP
SBERQLG7	Amount strong beer (large cans/bottles) on heaviest day (c+sc)	Indiv/SC YP
SBERQPT7	Amount strong beer (pints) on heaviest day	SC YP
SBERQBT7	Amount strong beer (bottles) on heaviest day	Indiv
L7SCODEQ	Strong beer bottle size (pints) - heaviest day	Indiv
SPIRQME7	Amount spirits (measures) on heaviest day (c+sc)	Indiv/SC YP
SHERQGS7	Amount sherry (glasses) on heaviest day (c+sc)	Indiv/SC YP
WGLS250ML	Amount wine (250ml glasses) on heaviest day (c+sc)	Indiv/SC YP
WGLS175ML	Amount wine (175ml glasses) on heaviest day (c+sc)	Indiv/SC YP
WGLS125ML	Amount wine (125ml glasses) on heaviest day (c+sc)	Indiv/SC YP
WBTLGZ	Amount wine (125ml glasses from a bottle) on heaviest day (c+sc)	Indiv/SC YP
POPSL7Q1	Amount of alcopops (small cans/bottles) on heaviest day in last 7	Indiv
POPSL7Q3	Amount of alcopops standard bottles (125ml) on heaviest day in last 7	Indiv
POPSL7Q4	Amount of alcopops large bottles(700ml) on heaviest day in last 7	Indiv
DP7SCAN	Amount of alcopops (small cans/bottles) on heaviest day in last 7	SC YP
DP7SBTL	Amount of alcopops small cans/bottles on heaviest day in last 7(sc)	SC YP
DP7LBTL	Amount of alcopops large bottles(700ml) on heaviest day in last 7	SC YP
POPSQSM7	Amount alcopops (small cans/bottles) on heaviest day (c+sc)	Indiv/SC YP
POPSQLG7	Amount alcopops (large bottles) on heaviest day (c+sc)	Indiv/SC YP
D7MANY3	(D) Number of days drank in last week, including none	Derived

D7UNITWG	(D) Units drunk on heaviest day in last 7 (16yrs+)	Derived
D7UNITWGRP	(D) units drunk on heaviest day in last 7 (16yrs+)	Derived
WDRINK07B	(D) Women number of units	Derived
MDRINK07B	(D) Men number of units	Derived
ALCLIMIT07B	(D) Alcohol units - limits based on (variable d7unitwgrp) units per day	Derived
D7BEERU	Bp7sbtlnormal beer on heaviest day	Derived
D7SBU	(D) Units of strong beer on heaviest day	Derived
D7SPIRU	(D) Units of spirits on heaviest day	Derived
D7WINU	(D) Units of wine on heaviest day	Derived
D7SHERU	(D) Units of sherry on heaviest day	Derived
D7POPU	(D) Units of alcopops on heaviest day	Derived

Adult 12 Months

Variable	Description	Source
NBEER	Freq of drinking normal beer etc over last 12 months	Indiv
NBEERM1	12 months normal beer: Half pints	Indiv
NBEERM2	12 months normal beer: small cans	Indiv
NBEERM3	12 months normal beer: Large cans	Indiv
NBEERM4	12 months normal beer: Bottles	Indiv
NBEERQ1	Amount of normal beer etc usually drunk on any one day (half pints)	Indiv
NBEERQ2	Amount of normal beer etc usually drunk on any one day (small cans)	Indiv
NBEERQ3	Amount of normal beer etc usually drunk on any one day (large cans)	Indiv
NBEERQ4	Amount of normal beer etc usually drunk on any one day on any one day (bottles)	Indiv
SBEER	Freq of drinking strong beer etc over last 12 months	Indiv
SBEERM1	12 months strong beer: Half pints	Indiv
SBEERM2	12 months strong beer: small cans	Indiv
SBEERM3	12 months strong beer: Large cans	Indiv
SBEERM4	12 months strong beer: Bottles	Indiv
SBEERQ1	Amount of strong beer etc usually drunk on any one day (half pints)	Indiv
SBEERQ2	Amount of strong beer etc usually drunk on any one day (small cans)	Indiv
SBEERQ3	Amount of strong beer etc usually drunk on any one day (large cans)	Indiv
SBEERQ4	Amount of strong beer etc usually drunk on any one day (bottles)	Indiv
SPIRITS	Freq of drinking spirits over last 12 months	Indiv
SPIRITSQ	Amount of spirits usually drunk (single measures)	Indiv
SHERRY	Freq of drinking sherry over last 12 months	Indiv
SHERRYQ	Amount of sherry usually drunk (small glasses)	Indiv
WINE	Freq of drinking wine over last 12 months	Indiv
WINEQ	Amount of wine usually drunk on any one day	Indiv
BWINEQ2	12 months wine: size of glass	Indiv
POPS	Freq of drinking alcopops over last 12 months	Indiv
POPSLY11	12 months alcopops: small cans	Indiv
POPSLY12	12 months alcopops: standard bottles (275ml)	Indiv
POPSLY13	12 months alcopops: large bottles (700ml)	Indiv
POPSQ111	Amount of alcopops usually drunk on any one day (small cans)	Indiv
POPSQ112	Amount of alcopops usually drunk on any one day (standard bottles)	Indiv
POPSQ113	Amount of alcopops usually drunk on any one day (large bottles)	Indiv
SCNBEER	Freq of drinking normal beer etc over last 12 months	SC YP
SCNBEEQ1	Amount of normal beer etc usually drunk (pints)	SC YP
SCNBEEQ2	Amount of normal beer etc usually drunk (large cans or bottles)	SC YP
SCNBEEQ3	Amount of normal beer etc usually drunk (small cans or bottles)	SC YP
SCSBEER	Freq of drinking strong beer etc over last 12 months	SC YP
SCSBEEQ1	Amount of strong beer etc usually drunk (pints)	SC YP
SCSBEEQ2	Amount of strong beer etc usually drunk (large cans or bottles)	SC YP
SCSBEEQ3	Amount of strong beer etc usually drunk (small cans or bottles)	SC YP
SCSPIRIT	Freq of drinking spirits over last 12 months	SC YP
SCSPIRQ	Amount of spirits usually drunk (glasses)	SC YP
SCSHERRY	Freq of drinking sherry over last 12 months	SC YP
SCSHERRQ	Amount of sherry usually drunk (glasses)	SC YP
SCWINE	Freq of drinking wine over last 12 months	SC YP
SCWINEQ1	Amount of wine usually drunk (large glasses)	SC YP
SCWINEQ2	Amount of wine usually drunk (standard glasses)	SC YP
SCWINEQ3	Amount of wine usually drunk (small glasses)	SC YP
SCWINEQ4	Amount of wine usually drunk (bottles)	SC YP
SCPOPS	Freq of drinking alcopops over last 12 months	SC YP
SCPOPSQ1	Amount of alcopops usually drunk (large bottles)	SC YP
SCPOPSQ2	Amount of alcopops usually drunk (standard bottles)	SC YP

SCPOPSQ3	Amount of alcopops usually drunk (small cans)	SC YP
NBEERWU	(D) Units of normal beer/week	Derived
SBEERWU	(D) Units of strong beer/week	Derived
SPIRWU	(D) Units of spirits/week	Derived
SHERWU	(D) Units of sherry/week	Derived
WINEWU	(D) Units of wine/week	Derived
POPSWU	(D) Units of alcopops/week	Derived
TOTALWU	(D) Total units of alcohol/week	Derived
TOTALWUG	(D) Alcohol units per week grouped	Derived
TOTALWUG2	(D) Alcohol units per week - risk groups	Derived
ALCBASE	(D) Alcohol consumption rating units/week	Derived
ALCBSMT	(D) Alcohol consumption: men	Derived
ALCBSWT	(D) Alcohol consumption: women	Derived
MENWUG	(D) Weekly alcohol consumption: men	Derived
MENWUGg2	(D) Weekly alcohol consumption for men, 3 groups	Derived
WOMENWUG	(D) Weekly alcohol consumption: women	Derived
WOMENWUGg2	(D) Weekly alcohol consumption for Women, 3 groups	Derived

Children 8-15

Variable	Description	Source
ADRPROP	Ever had proper alcoholic drink (age 8-12, 13-15)	SC 8-15
ADRPOPS	Ever had alcopops (age 8-12, 13-15)	SC 8-15
ADRINKAG	Age first alcoholic drink (age 8-12, 13-15)	SC 8-15
ADRINKOF	How often alcoholic drink (age 8-12, 13-15)	SC 8-15
ADRLAST	When last had alcoholic drink (age 8-12, 13-15)	SC 8-15

Children 13-15

Variable	Description	Source
ABER2W	Have you drunk beer (age 13-15)	SC 13-15
ABER2QPT	Pints beer drunk in last 7 days (age 13-15)	SC 13-15
ABER2QLG	Large cans, bottles of beer drunk in last 7 days (age 13-15)	SC 13-15
ABER2QSM	Small cans, bottle of beer drunk in last 7 days (age 13-15)	SC 13-15
ASPIRW	Spirits or liqueurs drunk in last 7 days (age 13-15)	SC 13-15
ASPIRQGS	Glasses of spirits and liqueurs drunk in last 7 days (age 13-15)	SC 13-15
ASHERW	Sherry drunk in last 7 days (age 13-15)	SC 13-15
ASHERQGS	Glasses of sherry or martini drunk in last 7 days (age 13-15)	SC 13-15
AWINEW	Have you drunk wine (age 13-15)	SC 13-15
AWINEQGS	How many glasses of wine in last 7 days (age 13-15)	SC 13-15
APOPSW	Alcoholic 'pops' drinks in last 7 days (age 13-15)	SC 13-15
APOPSQLG	Large cans or bottles of alcoholic pops drinks in last 7 days (age 13-15)	SC 13-15
APOPSQSM	Small cans or bottles of alcoholic pops drinks in last 7 days (age 13-15)	SC 13-15
ADRKWQ08	(D) Total units of alcohol in last 7 days (13-15yrs)	Derived
ADRKWQ08G	(D) Total units of alcohol in last 7 days (13-15yrs) grouped	Derived
ABER2WC	(D) Drunk beer in last 7 days - inc. non-drinkers	Derived
ASPIRWC	(D) Drunk spirits in last 7 days - inc. non-drinkers	Derived
ASHERWC	(D) Drunk sherry in last 7 days - inc. non-drinkers	Derived
AWINEWC	(D) Drunk wine in last 7 days - inc. non-drinkers	Derived
APOPSWC	(D) Drunk alcopops in last 7 days - inc. non-drinkers	Derived

Fruit and vegetable consumption

Fruit and Vegetable Consumption

Variable	Description	Source
VEGSAL	Whether ate salad yesterday	Indiv
VEGSALQ	Number of bowls of salad eaten yesterday	Indiv
VEGPUL	Were pulses eaten yesterday	Indiv
VEGPULQ	Number of tablespoons of pulses eaten yesterday	Indiv
VEGVEG	Were any vegetables eaten yesterday	Indiv
VEGVEGQ	Number of tablespoons of vegetables eaten yesterday	Indiv
VEGDISH	Any dishes made from mainly vegetables eaten yesterday	Indiv
VEGDISHQ	Number of tablespoons of vegetable dishes eaten yesterday	Indiv
VEGUSUAL	Ate more than usual amounts of vegetables, salad and pulses yesterday	Indiv
FRTDRNK	Drank any fruit juice yesterday	Indiv
FRTDRNKQ	Number of small glasses of fruit juice drank yesterday	Indiv
FRT	Was any fruit eaten yesterday	Indiv
FRTC01	Size of fruit: 1st mentioned	Indiv
FRTC02	Size of fruit: 2nd mentioned	Indiv
FRTC03	Size of fruit: 3rd mentioned	Indiv
FRTC04	Size of fruit: 4th mentioned	Indiv
FRTC05	Size of fruit: 5th mentioned	Indiv
FRTC06	Size of fruit: 6th mentioned	Indiv
FRTC07	Size of fruit: 7th mentioned	Indiv
FRTC08	Size of fruit: 8th mentioned	Indiv
FRTC09	Size of fruit: 9th mentioned	Indiv
FRTC10	Size of fruit: 10th mentioned	Indiv
FRTC11	Size of fruit: 11th mentioned	Indiv
FRTC12	Size of fruit: 12th mentioned	Indiv
FRTC13	Size of fruit: 13th mentioned	Indiv
FRTC14	Size of fruit: 14th mentioned	Indiv
FRTC15	Size of fruit: 15th mentioned	Indiv
FRTQ01	Amount of fruit eaten: 1st mentioned	Indiv
FRTQ02	Amount of fruit eaten: 2nd mentioned	Indiv
FRTQ03	Amount of fruit eaten: 3rd mentioned	Indiv
FRTQ04	Amount of fruit eaten: 4th mentioned	Indiv
FRTQ05	Amount of fruit eaten: 5th mentioned	Indiv
FRTQ06	Amount of fruit eaten: 6th mentioned	Indiv
FRTQ07	Amount of fruit eaten: 7th mentioned	Indiv
FRTQ08	Amount of fruit eaten: 8th mentioned	Indiv
FRTQ09	Amount of fruit eaten: 9th mentioned	Indiv
FRTQ10	Amount of fruit eaten: 10th mentioned	Indiv
FRTQ11	Amount of fruit eaten: 11th mentioned	Indiv
FRTQ12	Amount of fruit eaten: 12th mentioned	Indiv
FRTQ13	Amount of fruit eaten: 13th mentioned	Indiv
FRTQ14	Amount of fruit eaten: 14th mentioned	Indiv
FRTQ15	Amount of fruit eaten: 15th mentioned	Indiv
FRTMOR01	Any other fresh fruit eaten yesterday:1st mentioned	Indiv
FRTMOR02	Any other fresh fruit eaten yesterday:2nd mentioned	Indiv
FRTMOR03	Any other fresh fruit eaten yesterday:3rd mentioned	Indiv
FRTMOR04	Any other fresh fruit eaten yesterday:4th mentioned	Indiv
FRTMOR05	Any other fresh fruit eaten yesterday:5th mentioned	Indiv
FRTMOR06	Any other fresh fruit eaten yesterday:6th mentioned	Indiv
FRTMOR07	Any other fresh fruit eaten yesterday:7th mentioned	Indiv
FRTMOR08	Any other fresh fruit eaten yesterday:8th mentioned	Indiv
FRTMOR09	Any other fresh fruit eaten yesterday:9th mentioned	Indiv
FRTMOR10	Any other fresh fruit eaten yesterday:10th mentioned	Indiv
FRTMOR11	Any other fresh fruit eaten yesterday:11th mentioned	Indiv
FRTMOR12	Any other fresh fruit eaten yesterday:12th mentioned	Indiv
FRTMOR13	Any other fresh fruit eaten yesterday:13th mentioned	Indiv
FRTMOR14	Any other fresh fruit eaten yesterday:14th mentioned	Indiv
FRTMOR15	Any other fresh fruit eaten yesterday:15th mentioned	Indiv
FRTDRY	Was any dried fruit eaten yesterday?	Indiv
FRTDRYQ	Number of tablespoons of dried fruit eaten yesterday	Indiv
FRTFROZ	Was any frozen or tinned fruit eaten yesterday?	Indiv
FRTFROZQ	Number of tablespoons of frozen or tinned fruit eaten yesterday	Indiv

FRTDISH	Any other dishes made mostly from fruit	Indiv
FRTDISHQ	Number of tablespoons of fruit dishes eaten yesterday	Indiv
FRTUSUAL	Ate/drank more than usual amounts of fruit and fruit juice yesterday	Indiv
PORLGE	(D) Large portion	Derived
PORSML	(D) Small portion	Derived
POROTH	(D) Other portion	Derived
PORPUL	(D) Portion of pulses	Derived
PORSAL	(D) Portion of salad	Derived
PORVEG	(D) Portion of vegetables	Derived
PORVDISH	(D) Portion of vegetables in composites	Derived
PORJUICE	(D) Portion of fruit juice	Derived
PORFRT	(D) Portion of all sized fruit	Derived
PORDRY	(D) Portion of dried fruit	Derived
PORFROZ	(D) Portion of frozen fruit/canned fruit	Derived
PORFDISH	(D) Portion of fruit in composites	Derived
VEGPOR	(D) Total portion of vegetables (inc.salad)	Derived
FRTPOR	(D) Total portion of fruit	Derived
PORFV	(D) Total portion of fruit and veg	Derived
PORFTVG	(D) Grouped portions of fruit (inc.orange juice) & veg yesterday	Derived
VEGYN	(D) Any vegetables? (binary)	Derived
VDISHYN	(D) Any vegetables in composites? (binary)	Derived
FRTYN	(D) Any fresh fruit? (binary)	Derived
FDISHYN	(D) Any fruit in composites? (binary)	Derived
DRYYN	(D) Any dried fruit? (binary)	Derived
FROZYN	(D) Any frozen fruit? (binary)	Derived
PULYN	(D) Any pulses? (binary)	Derived
JUICEYN	(D) Any fruit juice? (binary)	Derived
SALYN	(D) Any salad? (binary)	Derived
FVYN	(D) Any fruit and vegetables? (binary)	Derived
PORFV05	(D) Portions of fruit and vegetables consumed, 6 groups - capped at 5+	Derived
VEGTYN	(D) Any vegetables eaten, incl salad, excl pulses? (binary)	Derived
VEGTYN2	(D) Any vegetables eaten, excl salad & pulses? (binary)	Derived
FRTTYN	(D) Any fruit eaten? (Fruit, dry, frozen composites, incl juice, (binary))	Derived
FRTTYN2	(D) Any fruit eaten? (Fruit, dry, frozen composites, excl juice (binary))	Derived

General Health

General Health

Variable	Description	Source
ACUTILL	(D) Acute sickness last two weeks	Derived
LASTFORT	Cut activities due to health (last 2 weeks)	Indiv
DAYSCUT	No. of days cut down on activities	Indiv
PREGNTJ	Whether currently pregnant 16+	Indiv
UPREG	Whether currently pregnant 10-15	Indiv
NCPREGJ	Whether pregnant	Nurse

General Wellbeing

Variable	Description	Source
WEMWBS	(D) WEMWBS score	Derived
WEMWBS10	(D) Binary - Bottom 10th percentile of WEMWBS	Derived
OPTIMF	Been feeling optimistic about the future	Nurse SC 16+
USEFUL	Been feeling useful	Nurse SC 16+
RELAX	Been feeling relaxed	Nurse SC 16+
INTPEOP	Been feeling interested in other people	Nurse SC 16+
ENERGY	I've had energy to spare	Nurse SC 16+
DEALPRB	Been dealing with problems well	Nurse SC 16+
THKCLR	Been thinking clearly	Nurse SC 16+
GOODME	Been feeling good about myself	Nurse SC 16+
CLSEPEOP	Been feeling close to other people	Nurse SC 16+
CONFIDET	Been feeling confident	Nurse SC 16+
MAKEMIND	Been able to make up my own mind about things	Nurse SC 16+
LOVED	Been feeling loved	Nurse SC 16+
INTTHGS	Been interested in new things	Nurse SC 16+
CHEER	Been feeling cheerful	Nurse SC 16+

Mental Health

Variable	Description	Source
SCAMI01	One of main causes of mental illness is lack of self-discipline and will-power	SC YP and Adult
SCAMI02	Something about people with mental illness makes it easy to tell them from normal people	SC YP and Adult
SCAMI03	Need to adopt a more tolerant attitude toward people with mental illness	SC YP and Adult
SCAMI04	People with mental illness don t deserve our sympathy	SC YP and Adult
SCAMI05	Wouldn't want to live next door to someone who has been mentally ill	SC YP and Adult
SCAMI06	Frightening to think of people with mental problems living in residential neighbourhoods	SC YP and Adult
SCAMI07	Mental illness is an illness like any other	SC YP and Adult
SCAMI08	Virtually anyone can become mentally ill	SC YP and Adult
SCAMI09	Best therapy for many people with mental illness is to be part of a normal community	SC YP and Adult
SCAMI10	People with mental health problems are far less of a danger than most people suppose	SC YP and Adult
SCAMI11	People with mental health problems should not be given any responsibility	SC YP and Adult
SCAMI12	I have very little knowledge about mental illness	SC YP and Adult
SCAMI13	Most women who were once patients in a mental hospital can be trusted as babysitters	SC YP and Adult
DIAGCX1	Do you think that you have ever experienced any of these? A Phobia	Nurse SC 16+
DIAGCX2	Do you think that you have ever experienced any of these? Panic attacks	Nurse SC 16+
DIAGCX3	Do you think that you have ever experienced any of these? Post-traumatic stress	Nurse SC 16+
DIAGCX4	Do you think that you have ever experienced any of these? Attention deficit hyperactivity disorder (ADHD) or Attention deficit disorder (ADD)	Nurse SC 16+
DIAGCX5	Do you think that you have ever experienced any of these? Generalised anxiety disorder	Nurse SC 16+
DIAGCX6	Do you think that you have ever experienced any of these? Bipolar	Nurse SC 16+

	disorder (or 'manic depression')	
DIAGCX7	Do you think that you have ever experienced any of these? Depression	Nurse SC 16+
DIAGCX8	Do you think that you have ever experienced any of these? Post-natal depression	Nurse SC 16+
DIAGCX9	Do you think that you have ever experienced any of these? Dementia (including Alzheimers)	Nurse SC 16+
DIAGCX10	Do you think that you have ever experienced any of these? An eating disorder	Nurse SC 16+
DIAGCX11	Do you think that you have ever experienced any of these? Nervous breakdown	Nurse SC 16+
DIAGCX12	Do you think that you have ever experienced any of these? A personality disorder	Nurse SC 16+
DIAGCX13	Do you think that you have ever experienced any of these? Psychosis or schizophrenia	Nurse SC 16+
DIAGCX14	Do you think that you have ever experienced any of these? Obsessive compulsive disorder (OCD)	Nurse SC 16+
DIAGCX15	Do you think that you have ever experienced any of these? Seasonal affective disorder	Nurse SC 16+
DIAGCX16	Do you think that you have ever experienced any of these? Alcohol or drug dependence	Nurse SC 16+
DIAGCX17	Do you think that you have ever experienced any of these? Any other mental, emotional or neurological problem or condition	Nurse SC 16+
DIAGCX18	Do you think that you have ever experienced any of these? [Spontaneous] None of these	Nurse SC 16+
BCOND_1_HPROF	Did a doctor, psychiatrist or other professional tell you that you had the following condition: A Phobia?	Nurse SC 16+
BCOND_1_HRECNT	In the last 12 months have you had: A Phobia	Nurse SC 16+
BCOND_1_NOWMED	In the last 12 months, have you taken any medication for: A Phobia	Nurse SC 16+
BCOND_1_NOWTHE	In the last 12 months, have you had any therapy or other treatment for: A Phobia	Nurse SC 16+
BCOND_2_HPROF	Did a doctor, psychiatrist or other professional tell you that you had the following condition: Panic attacks?	Nurse SC 16+
BCOND_2_HRECNT	In the last 12 months have you had: Panic attacks	Nurse SC 16+
BCOND_2_NOWMED	In the last 12 months, have you taken any medication for: Panic attacks	Nurse SC 16+
BCOND_2_NOWTHE	In the last 12 months, have you had any therapy or other treatment for: Panic attacks	Nurse SC 16+
BCOND_3_HPROF	Did a doctor, psychiatrist or other professional tell you that you had the following condition: Post-traumatic stress?	Nurse SC 16+
BCOND_3_HRECNT	In the last 12 months have you had: Post-traumatic stress	Nurse SC 16+
BCOND_3_NOWMED	In the last 12 months, have you taken any medication for: Post-traumatic stress	Nurse SC 16+
BCOND_3_NOWTHE	In the last 12 months, have you had any therapy or other treatment for: Post-traumatic stress	Nurse SC 16+
BCOND_4_HPROF	Did a doctor, psychiatrist or other professional tell you that you had the following condition: Attention deficit hyperactivity disorder (ADHD) or Attention deficit disorder (ADD)?	Nurse SC 16+
BCOND_4_HRECNT	In the last 12 months have you had: Attention deficit hyperactivity disorder (ADHD) or Attention deficit disorder (ADD)	Nurse SC 16+
BCOND_4_NOWMED	In the last 12 months, have you taken any medication for: Attention deficit hyperactivity disorder (ADHD) or Attention deficit disorder (ADD)	Nurse SC 16+
BCOND_4_NOWTHE	In the last 12 months, have you had any therapy or other treatment for: Attention deficit hyperactivity disorder (ADHD) or Attention deficit disorder (ADD)	Nurse SC 16+
BCOND_5_HPROF	Did a doctor, psychiatrist or other professional tell you that you had the following condition: Generalised anxiety disorder?	Nurse SC 16+
BCOND_5_HRECNT	In the last 12 months have you had: Generalised anxiety disorder	Nurse SC 16+
BCOND_5_NOWMED	In the last 12 months, have you taken any medication for: Generalised anxiety disorder	Nurse SC 16+
BCOND_5_NOWTHE	In the last 12 months, have you had any therapy or other treatment for: Generalised anxiety disorder	Nurse SC 16+
BCOND_6_HPROF	Did a doctor, psychiatrist or other professional tell you that you had the following condition: Bipolar disorder (or 'manic depression')?	Nurse SC 16+
BCOND_6_HRECNT	In the last 12 months have you had: Bipolar disorder (or 'manic depression')	Nurse SC 16+
BCOND_6_NOWMED	In the last 12 months, have you taken any medication for: Bipolar disorder (or 'manic depression')	Nurse SC 16+
BCOND_6_NOWTHE	In the last 12 months, have you had any therapy or other treatment for: Bipolar disorder (or 'manic depression')	Nurse SC 16+
BCOND_7_HPROF	Did a doctor, psychiatrist or other professional tell you that you had the following condition: Depression?	Nurse SC 16+

BCOND_7_HRECNT	In the last 12 months have you had: Depression	Nurse SC 16+
BCOND_7_NOWMED	In the last 12 months, have you taken any medication for: Depression	Nurse SC 16+
BCOND_7_NOWTHE	In the last 12 months, have you had any therapy or other treatment for: Depression	Nurse SC 16+
BCOND_8_HPROF	Did a doctor, psychiatrist or other professional tell you that you had the following condition: Post-natal depression?	Nurse SC 16+
BCOND_8_HRECNT	In the last 12 months have you had: Post-natal depression	Nurse SC 16+
BCOND_8_NOWMED	In the last 12 months, have you taken any medication for: Post-natal depression	Nurse SC 16+
BCOND_8_NOWTHE	In the last 12 months, have you had any therapy or other treatment for: Post-natal depression	Nurse SC 16+
BCOND_9_HPROF	Did a doctor, psychiatrist or other professional tell you that you had the following condition: Dementia (including Alzheimers)?	Nurse SC 16+
BCOND_9_HRECNT	In the last 12 months have you had: Dementia (including Alzheimers)	Nurse SC 16+
BCOND_9_NOWMED	In the last 12 months, have you taken any medication for: Dementia (including Alzheimers)	Nurse SC 16+
BCOND_9_NOWTHE	In the last 12 months, have you had any therapy or other treatment for: Dementia (including Alzheimers)	Nurse SC 16+
BCOND_10_HPROF	Did a doctor, psychiatrist or other professional tell you that you had the following condition: An eating disorder?	Nurse SC 16+
BCOND_10_HRECNT	In the last 12 months have you had: An eating disorder	Nurse SC 16+
BCOND_10_NOWMED	In the last 12 months, have you taken any medication for: An eating disorder	Nurse SC 16+
BCOND_10_NOWTHE	In the last 12 months, have you had any therapy or other treatment for: An eating disorder	Nurse SC 16+
BCOND_11_HPROF	Did a doctor, psychiatrist or other professional tell you that you had the following condition: Nervous breakdown?	Nurse SC 16+
BCOND_11_HRECNT	In the last 12 months have you had: Nervous breakdown	Nurse SC 16+
BCOND_11_NOWMED	In the last 12 months, have you taken any medication for: Nervous breakdown	Nurse SC 16+
BCOND_11_NOWTHE	In the last 12 months, have you had any therapy or other treatment for: Nervous breakdown	Nurse SC 16+
BCOND_12_HPROF	Did a doctor, psychiatrist or other professional tell you that you had the following condition: A personality disorder?	Nurse SC 16+
BCOND_12_HRECNT	In the last 12 months have you had: A personality disorder	Nurse SC 16+
BCOND_12_NOWMED	In the last 12 months, have you taken any medication for: A personality disorder	Nurse SC 16+
BCOND_12_NOWTHE	In the last 12 months, have you had any therapy or other treatment for: A personality disorder	Nurse SC 16+
BCOND_13_HPROF	Did a doctor, psychiatrist or other professional tell you that you had the following condition: Psychosis or schizophrenia?	Nurse SC 16+
BCOND_13_HRECNT	In the last 12 months have you had: Psychosis or schizophrenia	Nurse SC 16+
BCOND_13_NOWMED	In the last 12 months, have you taken any medication for: Psychosis or schizophrenia	Nurse SC 16+
BCOND_13_NOWTHE	In the last 12 months, have you had any therapy or other treatment for: Psychosis or schizophrenia	Nurse SC 16+
BCOND_14_HPROF	Did a doctor, psychiatrist or other professional tell you that you had the following condition: Obsessive compulsive disorder (OCD)?	Nurse SC 16+
BCOND_14_HRECNT	In the last 12 months have you had: Obsessive compulsive disorder (OCD)	Nurse SC 16+
BCOND_14_NOWMED	In the last 12 months, have you taken any medication for: Obsessive compulsive disorder (OCD)	Nurse SC 16+
BCOND_14_NOWTHE	In the last 12 months, have you had any therapy or other treatment for: Obsessive compulsive disorder (OCD)	Nurse SC 16+
BCOND_15_HPROF	Did a doctor, psychiatrist or other professional tell you that you had the following condition: Seasonal affective disorder?	Nurse SC 16+
BCOND_15_HRECNT	In the last 12 months have you had: Seasonal affective disorder	Nurse SC 16+
BCOND_15_NOWMED	In the last 12 months, have you taken any medication for: Seasonal affective disorder	Nurse SC 16+
BCOND_15_NOWTHE	In the last 12 months, have you had any therapy or other treatment for: Seasonal affective disorder	Nurse SC 16+
BCOND_16_HPROF	Did a doctor, psychiatrist or other professional tell you that you had the following condition: Alcohol or drug dependence?	Nurse SC 16+
BCOND_16_HRECNT	In the last 12 months have you had: Alcohol or drug dependence	Nurse SC 16+
BCOND_16_NOWMED	In the last 12 months, have you taken any medication for: Alcohol or drug dependence	Nurse SC 16+
BCOND_16_NOWTHE	In the last 12 months, have you had any therapy or other treatment for: Alcohol or drug dependence	Nurse SC 16+
BCOND_17_HPROF	Did a doctor, psychiatrist or other professional tell you that you had the following condition: Any other mental, emotional or neurological problem or condition?	Nurse SC 16+
BCOND_17_HRECNT	In the last 12 months have you had: Any other mental, emotional or neurological problem or condition	Nurse SC 16+

BCOND_17_NOWMED	In the last 12 months, have you taken any medication for: Any other mental, emotional or neurological problem or condition	Nurse SC 16+
BCOND_17_NOWTHE	In the last 12 months, have you had any therapy or other treatment for: Any other mental, emotional or neurological problem or condition	Nurse SC 16+
PROFX	(D) Whether doctor, psychiatrist or other professional told respondent had any of specified conditions (Capi derived)	Nurse SC 16+
DISCFR	In general, how comfortable would you feel talking to a friend or family member about your mental health, for example telling them you have a mental health diagnosis and how it affects you?	Nurse SC 16+
DISCEMP	In general, how comfortable would you feel talking to a current or prospective employer about your mental health, for example telling them you have a mental health diagnosis and how it affects you?	Nurse SC 16+
CNSLHAV	Are you currently having any counselling or therapy for a mental, nervous or emotional problem?	Nurse SC 16+
CNSLCX1	Which type/s of counselling or therapy are you having? Psychotherapy or psychoanalysis	Nurse SC 16+
CNSLCX2	Which type/s of counselling or therapy are you having? Cognitive behavioural therapy	Nurse SC 16+
CNSLCX3	Which type/s of counselling or therapy are you having? Art, music or drama therapy	Nurse SC 16+
CNSLCX4	Which type/s of counselling or therapy are you having? Social skills training	Nurse SC 16+
CNSLCX5	Which type/s of counselling or therapy are you having? Marital or family therapy	Nurse SC 16+
CNSLCX6	Which type/s of counselling or therapy are you having? Sex therapy	Nurse SC 16+
CNSLCX7	Which type/s of counselling or therapy are you having? Mindfulness therapy	Nurse SC 16+
CNSLCX8	Which type/s of counselling or therapy are you having? Alcohol or drug counselling	Nurse SC 16+
CNSLCX9	Which type/s of counselling or therapy are you having? Counselling (include bereavement)	Nurse SC 16+
CNSLCX10	Which type/s of counselling or therapy are you having? Another type of therapy	Nurse SC 16+
CNSLHEL	How helpful are you finding your counselling or therapy?	Nurse SC 16+
WHOMH	Who is the person closest to you who has or has had some kind of mental illness?	Nurse SC 16+
TOWNLIFE	Have you ever made an attempt to take your life, by taking an overdose of tablets or in some other way?	Nurse SC 16+
WHENTOL	When do you make an attempt to take your life?	Nurse SC 16+
SLFHARM	Have you ever deliberately harmed yourself in any way but not with the intention of killing yourself?	Nurse SC 16+
TYPHARMCX1	Did you: Cut yourself	Nurse SC 16+
TYPHARMCX2	Did you: Burn yourself	Nurse SC 16+
TYPHARMCX3	Did you: Swallow any objects	Nurse SC 16+
TYPHARMCX4	Did you: Harm yourself some other way	Nurse SC 16+
MEDHARM	Have you received medical attention for deliberately harming yourself in any of these ways?	Nurse SC 16+
PSYHARM	Have you seen a psychiatrist, psychologist or counsellor because you had harmed yourself?	Nurse SC 16+
DEPRESS	(D) Whether reported ever experienced depression, including post natal depression	Derived
PHOBIA	(D) Whether reported ever having a phobia	Derived
PANIC	(D) Whether reported ever having panic attacks	Derived
PTSD	(D) Whether reported ever having post traumatic stress disorder	Derived
GAD	(D) Whether reported ever having Generalised anxiety disorder (GAD)	Derived
OCD	(D) Whether reported ever experienced obsessive compulsive disorder	Derived
BIPOLAR	(D) Whether reported ever having bipolar disorder (or 'manic depression')	Derived
EATDIS	(D) Whether reported ever having an eating disorder	Derived
NERVBD	(D) Whether reported ever experienced a nervous breakdown	Derived
PERSDIS	(D) Whether reported ever experienced a personality disorder	Derived
PSYCH	(D) Whether reported ever experienced psychosis or schizophrenia	Derived
OTHMEN	(D) Whether reported ever experienced any other type of mental, emotional or neurological condition	Derived
ADHD	(D) Whether reported ever having Attention deficit hyperactivity disorder (ADHD) Attention deficit disorder (ADD)	Derived
SAD	(D) Whether reported ever experienced seasonal affective disorder	Derived
DEMENTIA	(D) Whether reported ever having dementia (including Alzheimers)	Derived
ALCDRG	(D) Whether reported ever experienced drug or alcohol dependence	Derived
CMD	(D) Whether reported ever having experienced a common mental	Derived

	disorder that was diagnosed by a doctor, pschiatrist or other professional	
SMI	(D) Whether reported ever having experienced a serious mental illness that was diagnosed by a doctor, pschiatrist or other professional	Derived
OTHCOMP	(D) Whether reported ever having experienced a complex or other type of mental illness that was diagnosed by a doctor, pschiatrist or other professional	Derived
MENTAL	(D) Whether any type of mental illness ever experienced and/or diagnosed (3 groups)	Derived
MENTAL2	(D) Whether any type of mental illness diagnosed (2 groups)	Derived
ALCDRG2	(D) Whether reported ever having experienced alcohol or drug dependence that was diagnosed by a doctor, psychiatrist or other professional	Derived
ANYEXPSMI	(D) Experienced symptons - serious mental illness	Derived
ANYEXPOTH	(D) Experienced symptons - other mental illness	Derived
TREAT12CMD	(D) Taken medication or had treatment in last 12 months for CMD	Derived
TREAT12SMI	(D) Taken medication or had treatment in last 12 months for SMI	Derived
TREAT12OTHCOMP	(D) Taken medication or had treatment in last 12 months for other/complex mental illness	Derived
EXPTRT12CMD	(D) Whether experienced symptoms and/or had medication/treatment in CMD	Derived
EXPTRT12SMI	(D) Whether experienced symptoms and/or had medication/treatment in SMI	Derived
EXPTRT12	(D) Experience and treatment in the last 12 months for the mental illness(es) mentioned	Derived
TYPHARM	(D) Type of harm to self ever done	Derived
SCAMI01_GRPDK	(D) One of the main causes of mental illness is a lack of self-discipline and will-power_Grp (grouped responses including dont know)	Derived
SCAMI02_GRPDK	(D) There is something about people with mental illness that makes it easy to tell them from normal people_Grp (grouped responses including don't know)	Derived
SCAMI03_GRPDK	(D) PosAttToMntIll_Grp (grouped responses including don't know)	Derived
SCAMI04_GRPDK	(D) People with mental illness don't deserve our sympathy_Grp (grouped responses including dont know)	Derived
SCAMI05_GRPDK	(D) I would not want to live next door to someone who has been mentally ill_Grp (grouped responses including dont know)	Derived
SCAMI06_GRPDK	(D) It is frightening to think of people with mental problems living in residential neighbourhoods_Grp (grouped responses including dont know)	Derived
SCAMI07_GRPDK	(D) Mental illness is an illness like any other_Grp (grouped responses including dont know)	Derived
SCAMI08_GRPDK	(D) Virtually anyone can become mentally ill_Grp (grouped responses including dont know)	Derived
SCAMI09_GRPDK	(D) The best therapy for many people with mental illness is to be part of a normal community_Grp (grouped responses including dont know)	Derived
SCAMI10_GRPDK	(D) People with mental health problems are far less of a danger than most people suppose_Grp (grouped responses including dont know)	Derived
SCAMI11_GRPDK	(D) People with mental health problems should not be given any responsibility_Grp (grouped responses including dont know)	Derived
SCAMI12_GRPDK	(D) LittleKnowldgMntIll_Grp (grouped responses including dont know)	Derived
SCAMI13_GRPDK	(D) Most women who were once patients in a mental hospital can be trusted as babysitters_Grp (grouped responses including dont know)	Derived
WHOMH_GRP	(D) ClosestPersonMntIll_Grp (grouped responses)	Derived
PESCORE	(D) Highest educational qualification	Derived
TSSCORE	(D) Average score from valid answers at 6 CAMI items making up the prejudice/exclusion subscale	Derived

GHQ12

Variable	Description	Source
GHQCONC	Able to concentrate	Sc13-15
GHQSLEEP	Lost sleep over worry	Sc13-15
GHQUSE	Felt playing useful part in things	Sc13-15
GHQDECIS	Felt capable of making decisions	Sc13-15
GHQSTRAI	Felt constantly under strain	Sc13-15
GHQOVER	Felt couldn t overcome difficulties	Sc13-15
GHQENJOY	Able to enjoy day-to-day activities	Sc13-15

GHQFACE	Been able to face problems	Sc13-15
GHQUNHAP	Been feeling unhappy and depressed	Sc13-15
GHQCONFI	Been losing confidence in self	Sc13-15
GHQWORTH	Been thinking of self as worthless	Sc13-15
GHQHAPPY	Been feeling reasonably happy	Sc13-15
EQMEAN	(D) EQ-5D social preference weight (mean)	Derived
GHQ12SCR	(D) GHQ Score - 12 point scale	Derived
GHQG2	(D) GHQ Score - grouped (0,1-3,4+)	Derived
GHQ	(D) GHQ binary	Derived

Autonomy at Work

Variable	Description	Source
PAIDWK	Currently in paid employment?	Nurse SC 16+
WORKHARD	My job requires that I work very hard	Nurse SC 16+
CHOICEWK	Have a choice in deciding how to go about work	Nurse SC 16+
SUPPTWK	Get help and support from line manager?	Nurse SC 16+
LOSEJOB	How likely will lose job and become unemployed within next 12 months?	Nurse SC 16+

Difficulties

Variable	Description	Source
SLD	Has a learning difficulty (SELF-REPORTED)	SC YP and Adult
SLDSEV	Level of severity of learning difficulty (SELF-REPORTED)	SC YP and Adult
SLDLIM	Learning difficulty limits activity (SELF-REPORTED)	SC YP and Adult
SID	Has an intellectual difficulty or developmental delay (SELF-REPORTED)	SC YP and Adult
SIDSEV	Level of severity of intellectual difficulty or developmental delay (SELF-REPORTED)	SC YP and Adult
SIDLIM	Intellectual difficulty or developmental delay limits activity (SELF-REPORTED)	SC YP and Adult
MOBILITY	Mobility	SC YP and Adult
SELFCARE	Self-Care	SC YP and Adult
USUALACT	Usual activities	SC YP and Adult
PAIN	Pain/Discomfort	SC YP and Adult
ANXIETY	Anxiety/Depression	SC YP and Adult
HTHSTAT	Health today compared to best/worst imaginable	SC YP and Adult
PLD	Has a learning difficulty (PROXY)	SC YP and Adult
PLDSev	Level of severity of learning difficulty (PROXY)	SC YP and Adult
PLDlim	Learning difficulty limits activity (PROXY)	SC YP and Adult
PIDF	Has an intellectual difficulty or developmental delay (PROXY)	SC YP and Adult
PIDSEV	Level of severity of intellectual difficulty or developmental delay (PROXY)	SC YP and Adult
PIDLIM	Intellectual difficulty or developmental delay limits activity (PROXY)	SC YP and Adult

Diabetes

Variable	Description	Source
EVERDI	Whether now have, or have ever had diabetes	Indiv
DIABETES	Told by a doctor that had diabetes	Indiv
TYPED	Have you been told by a doctor/nurse that you had Type I or Type II diabetes?	Indiv
DIPREG	Whether pregnant when told had diabetes	Indiv
DIOTH	Whether ever had diabetes apart from when pregnant	Indiv
DIAGE	Age when first told by a doctor that had diabetes	Indiv
INSULIN	Whether currently inject insulin for diabetes	Indiv
DIABETE2	(D) Doctor diagnosed diabetes (excluding pregnant)	Derived
DIABETE2R	(D) Doctor diagnosed diabetes (excluding pregnant) {revised]	Derived
DIABTYPE	(D) Type of diabetes	Derived
DIABTYPER	(D) Type of diabetes {revised]	Derived
DIABETE3	(D) Diabetes from blood sample or doctor diagnosis (excluding pregnancy-only diabetes)	Derived
DIABETE3R	(D) Diabetes from blood sample or doctor diagnosis (excluding pregnancy-only diabetes) {revised}	Derived
DIABTOT	(D) Total diabetes from blood sample or doctor diagnosis (excluding pregnancy-only diabetes)	Derived
DIABTOTR	(D) Total diabetes from blood sample or doctor diagnosis (excluding pregnancy-only diabetes) {revised}	Derived
DIMED	Whether currently taking any medicines, tablets or pills for diabetes	Indiv
OTHDI	Whether currently receiving any other treatment or advice for diabetes	Indiv

OTHERDI1	Other treatment: Special diet	Indiv
OTHERDI2	Other treatment: Eye screening / regular eye tests	Indiv
OTHERDI3	Other treatment: Regular check-up with GP/hospital/clinic	Indiv
OTHERDI4	Other treatment: Other	Indiv
CHECKUP1	Where are checkups: GP surgery	Indiv
CHECKUP2	Where are checkups: Hospital	Indiv
CHECKUP3	Where are checkups: Clinic	Indiv
CHECKUP4	Where are checkups: Other	Indiv
WHYNOET	Reason why not having eyes tested regularly	Indiv

High Blood Pressure

Variable	Description	Source
EVERBP	Do you have or ever had high blood pressure (hypertension)	Indiv
DOCBP	Were you told by a doctor/nurse that you had high BP?	Indiv
PREGBP	Were you pregnant whe you were told you had high BP?	Indiv
OTHBP	Have you had high BP apart from when pregnant?	Indiv
AGEBP	Age told had high BP	Indiv
BP1	(D) Doctor diagnosed high blood pressure (excluding pregnant)	Derived
MEDBP	Are you currently taking any medicines, tablets or pills for high BP?	Indiv
BPSTILL	Do you still have high blood pressure?	Indiv
EVERMED	Have you ever taken medicines, tablets, or pills for high blood pressure?	Indiv
STPMED01	Stop BP medication: Doctor's advised to, improvement	Indiv
STPMED02	Stop BP medication: Doctor's advised to, lack of improvement	Indiv
STPMED03	Stop BP medication: Other problem	Indiv
STPMED04	Stop BP medication: Respondent decided to stop, felt better	Indiv
STPMED05	Stop BP medication: Respondent decided to stop, other reason	Indiv
STPMED95	Stop BP medication: other reason	Indiv
OTHADV	Are you receiving any other treatment/advice for high BP?	Indiv
WHTTRT01	Other treatment/advice currently receiving: Blood pressure monitored by GP/other doctor/nurse	Indiv
WHTTRT02	Other treatment/advice currently receiving: Advice or treatment to lose weight	Indiv
WHTTRT03	Other treatment/advice currently receiving: Blood tests	Indiv
WHTTRT04	Other treatment/advice currently receiving: Change diet	Indiv
WHTTRT05	Other treatment/advice currently receiving: Stop smoking	Indiv
WHTTRT06	Other treatment/advice currently receiving: Reduce stress	Indiv
WHTTRT95	Other treatment/advice currently receiving: Other	Indiv

Folic Acid (women only)

Variable	Description	Source
FOLIC	Whether taking any folic acid supplements at present time	Nurse
FOLPREG	Did you start taking folic acid supplements before becoming pregnant?	Nurse
FOLPREG1	Whether taking folic acid supplements for the first 12 weeks of pregnancy	Nurse
FOLPREGH	Whether taking folic acid because hopes to become pregnant	Nurse

Flu Injection

Variable	Description	Source
FLUVAC	Ever been vaccinated for any type of flu (influenza) (only asked during interview period Jan-Mar 2013)	Nurse
VACWHN	When was most recent flu vaccination (only asked during interview period Jan-Mar 2013)	Nurse
VACMTH*	Month of most recent flu vaccination (only asked during interview period Jan-Mar 2013)	Nurse
VACYR	Year of most recent flu vaccination (only asked during interview period Jan-Mar 2013)	Nurse

Long Lasting Illness

Variable	Description	Source
ILL12M	Whether have any physical or mental health conditions or illnesses lasting or expected to last 12 months or more	Indiv
ILL12M1	Type of illness for 12 months or more - 1st	Indiv
ILL12M2	Type of illness for 12 months or more - 2nd	Indiv

ILL12M3	Type of illness for 12 months or more - 3rd	Indiv
ILL12M4	Type of illness for 12 months or more - 4th	Indiv
ILL12M5	Type of illness for 12 months or more - 5th	Indiv
ILL12M6	Type of illness for 12 months or more - 6th	Indiv
LIMLAST	(D) Limiting longlasting illness	Derived
COMPLST1	(D) II Neoplasms & benign growths	Derived
COMPLST2	(D) III Endocrine & metabolic	Derived
COMPLST3	(D) V Mental disorders	Derived
COMPLST4	(D) VI Nervous system	Derived
COMPLST5	(D) VI Eye complaints	Derived
COMPLST6	(D) VI Ear complaints	Derived
COMPLST7	(D) VII Heart & circulatory system	Derived
COMPLST8	(D) VIII Respiratory system	Derived
COMPLST9	(D) IX Digestive system	Derived
COMPLST10	(D) X Genito-urinary system	Derived
COMPLST11	(D) XII Skin complaints	Derived
COMPLST12	(D) XIII Musculoskeletal system	Derived
COMPLST13	(D) I Infectious disease	Derived
COMPLST14	(D) IV Blood & related organs	Derived
COMPLST15	(D) Other complaints	Derived
COMPLST17	(D) No long lasting illness	Derived
COMPLST18	(D) No longer present	Derived
COMPLST99	(D) Unclass/NLP/inadeq.describe	Derived
CONDLCNT	(D) Number of grouped condition categories	Derived
CONDLCNT2	(D) Number of grouped conditions - 4 plus	Derived
ILLMORE1	(D) Numer of longstanding illnesses – grouped	Derived
ILLAFF1	Whether conditions or illnesses affect: Vision (for example blindness or partial sight)	Indiv
ILLAFF2	Whether conditions or illnesses affect: Hearing (for example deafness or partial hearing)	Indiv
ILLAFF3	Whether conditions or illnesses affect: Mobility (for example walking short distances or climbing stairs)	Indiv
ILLAFF4	Whether conditions or illnesses affect: Dexterity (for example lifting and carrying objects, using a keyboard)	Indiv
ILLAFF5	Whether conditions or illnesses affect: Learning or understanding or concentrating	Indiv
ILLAFF6	Whether conditions or illnesses affect: Memory	Indiv
ILLAFF7	Whether conditions or illnesses affect: Mental health	Indiv
ILLAFF8	Whether conditions or illnesses affect: Stamina, breathing or fatigue	Indiv
ILLAFF9	Whether conditions or illnesses affect: Socially or behaviourally (for example associated with autism, attention deficit disorder or Asperger's syndrome)	Indiv
ILLAFF95	Whether conditions or illnesses affect: Other	Indiv
ILLAFF96	Whether conditions or illnesses affect: None of these	Indiv
ILLAFF97	Whether conditions or illnesses affect: Refusal	Indiv
REDUCACT	Day-to-day activities reduced due to illness	Indiv
AFFLNG	How long day-to-day activities have been reduced	Indiv
REDACT1	Whether 1st condition or illness reduces ability to carry out day-to-day activities	Indiv
REDACT2	Whether 2nd condition or illness reduces ability to carry out day-to-day activities	Indiv
REDACT3	Whether 3rd condition or illness reduces ability to carry out day-to-day activities	Indiv
REDACT4	Whether 4th condition or illness reduces ability to carry out day-to-day activities	Indiv
REDACT5	Whether 5th condition or illness reduces ability to carry out day-to-day activities	Indiv
REDACT6	Whether 6th condition or illness reduces ability to carry out day-to-day activities	Indiv

Prescribed Medicines: Drugs affecting blood analytes/Other drugs

Variable	Description	Source
DIUR2	(D) Diuretics (Blood pressure) {revised}	Derived
BETA2	(D) Beta blockers (Blood pressure/Fibrinogen) {revised}	Derived
ACEINH2	(D) Ace inhibitors(Blood pressure) {revised}	Derived
CALCIUMB2	(D) Calcium blockers (Blood pressure) {revised}	Derived
OBPDRUG2	(D) Other drugs affecting BP {revised}	Derived
LIPID2	(D) Lipid lowering (Cholesterol/Fibringen) – prescribed {revised}	Derived
IRON2	(D) Iron deficiency (Haemoglobin/Ferritin) {revised}	Derived
BPMEDC2	(D) Whether taking drugs affecting blood pressure {revised}	Derived
BPMEDD2	(D) Whether taking drugs prescribed for blood pressure {revised}	Derived
ANTIPLAM2	(D) Antiplatlets prescribed (binary)	Derived
ANALGM2	(D) Analgesics prescribed (binary)	Derived
PROTONM2	(D) Proton pump inhibitors prescribed (binary)	Derived
ANTIDEPM2	(D) Antidepressants prescribed (binary)	Derived
COPDM2	(D) Asthma or COPD prescribed (binary)	Derived

ANTIDIABM2	(D) Antidiabetic prescribed (binary)	Derived
ANTIBACM2	(D) Antibacterial medications prescribed (binary)	Derived

Prescribed Medicines: General

Variable	Description	Source
NUMMEDS	Number of medicines	Nurse
MEDBIA1	Whether medicine used in last 7 days	Nurse
MEDBIA2	Whether medicine used in last 7 days	Nurse
MEDBIA3	Whether medicine used in last 7 days	Nurse
MEDBIA4	Whether medicine used in last 7 days	Nurse
MEDBIA5	Whether medicine used in last 7 days	Nurse
MEDBIA6	Whether medicine used in last 7 days	Nurse
MEDBIA7	Whether medicine used in last 7 days	Nurse
MEDBIA8	Whether medicine used in last 7 days	Nurse
MEDBIA9	Whether medicine used in last 7 days	Nurse
MEDBIA10	Whether medicine used in last 7 days	Nurse
MEDBIA11	Whether medicine used in last 7 days	Nurse
MEDBIA12	Whether medicine used in last 7 days	Nurse
MEDBIA13	Whether medicine used in last 7 days	Nurse
MEDBIA14	Whether medicine used in last 7 days	Nurse
MEDBIA15	Whether medicine used in last 7 days	Nurse
MEDBIA16	Whether medicine used in last 7 days	Nurse
MEDBIA17	Whether medicine used in last 7 days	Nurse
MEDBIA18	Whether medicine used in last 7 days	Nurse
MEDBIA19	Whether medicine used in last 7 days	Nurse
MEDBIA20	Whether medicine used in last 7 days	Nurse
MEDBIA21	Whether medicine used in last 7 days	Nurse
MEDBIA22	Whether medicine used in last 7 days	Nurse
MEDBI01[13]	Drug code of medicines prescribed by doctor (up to 22 medicines may be coded)	Nurse
MEDBI02	Drug code of medicines prescribed by doctor	Nurse
MEDBI03	Drug code of medicines prescribed by doctor	Nurse
MEDBI04	Drug code of medicines prescribed by doctor	Nurse
MEDBI05	Drug code of medicines prescribed by doctor	Nurse
MEDBI06	Drug code of medicines prescribed by doctor	Nurse
MEDBI07	Drug code of medicines prescribed by doctor	Nurse
MEDBI08	Drug code of medicines prescribed by doctor	Nurse
MEDBI09	Drug code of medicines prescribed by doctor	Nurse
MEDBI10	Drug code of medicines prescribed by doctor	Nurse
MEDBI11	Drug code of medicines prescribed by doctor	Nurse
MEDBI12	Drug code of medicines prescribed by doctor	Nurse
MEDBI13	Drug code of medicines prescribed by doctor	Nurse
MEDBI14	Drug code of medicines prescribed by doctor	Nurse
MEDBI15	Drug code of medicines prescribed by doctor	Nurse
MEDBI16	Drug code of medicines prescribed by doctor	Nurse
MEDBI17	Drug code of medicines prescribed by doctor	Nurse
MEDBI18	Drug code of medicines prescribed by doctor	Nurse
MEDBI19	Drug code of medicines prescribed by doctor	Nurse
MEDBI20	Drug code of medicines prescribed by doctor	Nurse
MEDBI21	Drug code of medicines prescribed by doctor	Nurse
MEDBI22	Drug code of medicines prescribed by doctor	Nurse
MEDCNJD	Whether taking medication	Nurse
STATINS	Whether taking statins without prescription	Nurse
STATINA	Taken/used statins in the last 7 days	Nurse
MEDLNG	Any long acting medication, such as an injection or implant, prescribed by a doctor or nurse?	Nurse
MEDCNJ	(D) Whether taking medication – excluding contraceptives only	Derived
MEDTYP1	(D) Cardio-vascular medicine taken?	Derived
MEDTYP2	(D) Gastrointestinal medicine taken?	Derived
MEDTYP3	(D) Respiratory medicine taken?	Derived
MEDTYP4	(D) CNS medicine taken?	Derived
MEDTYP5	(D) Medicine for infection taken?	Derived

[13] Drug codes are taken from the British National Formulary (BNF) Version 61, March 2011. HSE uses three levels of classification. For example a drug code 100101 is a drug listed in Section 10.1.1 in the BNF, and so on. See the Coding and Editing Instructions for more detail.

MEDTYP6	(D) Endocrine medicine taken?	Derived
MEDTYP7	(D) Gynae/Urinary medicine taken?	Derived
MEDTYP8	(D) Cytotoxic or immunosuppressive medicine taken?	Derived
MEDTYP9	(D) Medicine for nutrition/blood taken?	Derived
MEDTYP10	(D) Musculoskeletal medicine taken?	Derived
MEDTYP11	(D) Eye/Ear etc medicine taken?	Derived
MEDTYP12	(D) Medicine for skin taken?	Derived
MEDTYP13	(D) Vaccines and antisera taken?	Derived
MEDTYP14	(D) Contraception taken?	Derived
NUMED2	(D) Number of prescribed medicines taken	Derived
NUMED	(D) Number of prescribed medicines taken (grouped 4+)	Derived
MEDSNUM	(D) Number of prescribed medications reported - incl contraceptives & nicotine dependency drugs	Derived
MEDSNUMG8	(D) Grouped number of prescribed medications reported- incl contraceptives & nicotine dependency drugs	Derived
MEDSNUM2	(D) Number of prescribed medications reported, excl contraceptives & nicotine dependence	Derived
MEDSNUM2G8	(D) Grouped number of prescribed medications reported (8 groups) - excl contraceptives & nicotine dependency drugs	Derived
MEDSTAK	(D) Number of prescribed meds taken in the last seven days, incl contraceptives & nicotine dependency drugs	Derived
MEDSTAKG8	(D) Grouped number of prescribed medications taken (8 groups)- incl contraceptives & nicotine dependency drugs	Derived
MEDSTAK2	(D) Number of prescribed medications taken in the last seven days, - excl contraceptives & nicotine dependency	Derived
MEDSTAK2G8	(D) Number of prescribed medications taken in last 7 days (8 groups), excl contraceptives & nicotine dependency	Derived
CARDIOTAK	(D) Number of prescribed cardiovascular medications taken in the last seven days	Derived
CARDIOTAKG2	(D) Any prescribed cardiovascular medications taken in last 7 days (binary)	Derived
HYPERTAK	(D) Number of prescribed antihypertensives for hypertension taken in the last seven days	Derived
HYPERTAKG2	(D) Any prescribed antihypertensives taken in last 7 days, if has hypertension (binary)	Derived
LIPIDTAK	(D) Number of prescribed lipid lowering medications taken in the last seven days	Derived
LIPIDTAKG2	(D) Any prescribed lipid-lowering medications taken in last 7 days, (binary)	Derived
ANTIPLATAK	(D) Number of prescribed antiplatelets taken in the last seven days	Derived
ANTIPLATAKG2	(D) Any prescribed antiplatlets taken in last 7 days, (binary)	Derived
ANALGTAK	(D) Number of prescribed analgesics taken in the last seven days	Derived
ANALGTAKG2	(D) Any prescribed analgesics taken in last 7 days (binary)	Derived
PROTONTAK	(D) Number of prescribed proton pump inhibitors taken in the last seven days	Derived
PROTONTAKG2	(D) Any prescribed proton pump inhibitors taken in last 7 days (binary)	Derived
ANTIDEPTAK	(D) Number of prescribed antidepressants taken in the last seven days	Derived
ANTIDEPTAKG2	(D) Any antidepressants taken in last 7 days (binary)	Derived
COPDTAK	(D) Number of prescribed asthma or COPD medications taken in the last seven days	Derived
COPDTAKG2	(D) Any prescribed asthma or COPD medications taken in last 7 days (binary)	Derived
ANTIDIABTAK	(D) Number of prescribed antidiabetic medications taken in the last seven days	Derived
ANTIDIABTAKG2	(D) Any prescribed antidiabetic medications taken in last 7 days (binary)	Derived
ANTIBACTAK	(D) Number of prescribed antibacterial medications taken in the last seven days	Derived
ANTIBACTAKG2	(D) Any prescribed antibacterial medications taken in last 7 days (binary)	Derived

Prescribed Medicines: Reasons for taking medication

Variable	Description	Source
YTAKE011	Heart problem	Indiv
YTAKE021	Heart problem	Indiv
YTAKE031	Heart problem	Indiv
YTAKE041	Heart problem	Indiv
YTAKE051	Heart problem	Indiv
YTAKE061	Heart problem	Indiv
YTAKE071	Heart problem	Indiv
YTAKE081	Heart problem	Indiv
YTAKE091	Heart problem	Indiv
YTAKE101	Heart problem	Indiv
YTAKE111	Heart problem	Indiv
YTAKE121	Heart problem	Indiv
YTAKE131	Heart problem	Indiv
YTAKE141	Heart problem	Indiv

YTAKE151	Heart problem	Indiv
YTAKE161	Heart problem	Indiv
YTAKE171	Heart problem	Indiv
YTAKE181	Heart problem	Indiv
YTAKE191	Heart problem	Indiv
YTAKE201	Heart problem	Indiv
YTAKE211	Heart problem	Indiv
YTAKE221	Heart problem	Indiv
YTAKE012	High blood pressure	Indiv
YTAKE022	High blood pressure	Indiv
YTAKE032	High blood pressure	Indiv
YTAKE042	High blood pressure	Indiv
YTAKE052	High blood pressure	Indiv
YTAKE062	High blood pressure	Indiv
YTAKE072	High blood pressure	Indiv
YTAKE082	High blood pressure	Indiv
YTAKE092	High blood pressure	Indiv
YTAKE102	High blood pressure	Indiv
YTAKE112	High blood pressure	Indiv
YTAKE122	High blood pressure	Indiv
YTAKE132	High blood pressure	Indiv
YTAKE142	High blood pressure	Indiv
YTAKE152	High blood pressure	Indiv
YTAKE162	High blood pressure	Indiv
YTAKE172	High blood pressure	Indiv
YTAKE182	High blood pressure	Indiv
YTAKE192	High blood pressure	Indiv
YTAKE202	High blood pressure	Indiv
YTAKE212	High blood pressure	Indiv
YTAKE222	High blood pressure	Indiv
YTAKE013	Other reason	Indiv
YTAKE023	Other reason	Indiv
YTAKE033	Other reason	Indiv
YTAKE043	Other reason	Indiv
YTAKE053	Other reason	Indiv
YTAKE063	Other reason	Indiv
YTAKE073	Other reason	Indiv
YTAKE083	Other reason	Indiv
YTAKE093	Other reason	Indiv
YTAKE103	Other reason	Indiv
YTAKE113	Other reason	Indiv
YTAKE123	Other reason	Indiv
YTAKE133	Other reason	Indiv
YTAKE143	Other reason	Indiv
YTAKE153	Other reason	Indiv
YTAKE163	Other reason	Indiv
YTAKE173	Other reason	Indiv
YTAKE183	Other reason	Indiv
YTAKE193	Other reason	Indiv
YTAKE203	Other reason	Indiv
YTAKE213	Other reason	Indiv
YTAKE223	Other reason	Indiv

Self-Assessed Health

Variable	Description	Source
GENHELF	Self-assessed general health	Indiv
GENHELF2	(D) Self-assessed general health – grouped	Derived
GENHELF4	(D) General health 4 categories	Dervied

Personal Care Plan

Variable	Description	Source
PCAREP1	(D) Whether been offered a personal care plan	Indiv
CAREPS	(D) Personal care plan status grouped	Derived
CONVDOC	Had conversation with doctor/nurse etc about long term condition	Indiv
LASTYR	Whether conversation in last 12 months or longer ago	Indiv
PLANAG	Whether health professional agreed a PCP In last 12 months	Indiv
OFFPLAN	Whether talked about/been offered a Personal Care Plan in last 12 months	Indiv

WHYNOPL	Reason Personal Care Plan not agreed	Indiv
LIKEPLAN	Whether would like to discuss a PCP with health professional	Indiv
CAREIMPR	Whether PCP has improved health and social care services received	Indiv
OPTOFF01	Whether discussed or been offered in last 12 months: Help to find information on condition	Indiv
OPTOFF02	Whether discussed or been offered in last 12 months: Help to find choices on care	Indiv
OPTOFF03	Whether discussed or been offered in last 12 months: Attending training courses on condition	Indiv
OPTOFF04	Whether discussed or been offered in last 12 months: Joining support network/group	Indiv
OPTOFF05	Whether discussed or been offered in last 12 months: Having equipment fitted at home	Indiv
OPTOFF95	Whether discussed or been offered in last 12 months: Other	Indiv
OPTOFF96	Whether discussed or been offered in last 12 months: None of these	Indiv
OPTDO01	Done in last 12mths: Read and used information on condition	Indiv
OPTDO02	Done in last 12mths: Read and used information on care choices	Indiv
OPTDO03	Done in last 12mths: Attended training courses on condition	Indiv
OPTDO04	Done in last 12mths: Joined support network/group	Indiv
OPTDO05	Done in last 12mths: Have equipment fitted at home	Indiv
OPTDO95	Done in last 12mths: Other	Indiv
OPTDO96	Done in last 12mths: None of these	Indiv

Care Plan (long-term care planning)

Variable	Description	Source
PayHome	When people need care and support at home that can't be provided by family and friends. Do they have to pay for this themselves?	Indiv
WhnPay	When people need care and support in a residential home or a nursing home . At the moment do they have to pay for this themselves?	Indiv
WhyPyBCX1	What affects whether people have to pay towards care: Pension and income	Indiv
WhyPyBCX2	What affects whether people have to pay towards care: Amount of savings	Indiv
WhyPyBCX3	What affects whether people have to pay towards care: Having relatives who can provide financial support	Indiv
WhyPyBCX4	What affects whether people have to pay towards care: Owning their home and/or the value of their home	Indiv
WhyPyBCX5	What affects whether people have to pay towards care: Having worked for long enough / made enough NI contributions	Indiv
WhyPyBCX6	What affects whether people have to pay towards care: How much they have already paid for care and support	Indiv
WhyPyBCX7	What affects whether people have to pay towards care: Having private health insurance / health plan	Indiv
WhyPyBCX8	What affects whether people have to pay towards care: Other things	Indiv
WhyPyBCX9	What affects whether people have to pay towards care: None of these	Indiv
WhyPyBCX10	What affects whether people have to pay towards care: Don't know	Indiv
WhyPyACX1	What affects whether people have to pay towards care: Whether they live alone	Indiv
WhyPyACX2	What affects whether people have to pay towards care: Having relatives who care for them	Indiv
WhyPyACX3	What affects whether people have to pay towards care: Whether they have a disability	Indiv
WhyPyACX4	What affects whether people have to pay towards care: What Local Authority services are available	Indiv
WhyPyACX5	What affects whether people have to pay towards care: None of these	Indiv
WhyPyACX6	What affects whether people have to pay towards care: Don't know	Indiv
WhoCareCX1	Which provide towards cost of care: Local Authority (social services)	Indiv
WhoCareCX2	Which provide towards cost of care: NHS	Indiv
WhoCareCX3	Which provide towards cost of care: Charity / religious organisation (e.g. Age UK)	Indiv
WhoCareCX4	Which provide towards cost of care: Insurance policy (e.g. to cover illness or ability to work)	Indiv
WhoCareCX5	Which provide towards cost of care: Private health insurance / health plan	Indiv
WhoCareCX6	Which provide towards cost of care: None of these	Indiv
WhoCareCX7	Which provide towards cost of care: Don't know	Indiv
WhoGet	Do you think the local authority should pay for care?	Indiv
UsePayCX1	Which of these personal sources of money do you think are often used to pay for care: Income from work or pensions	Indiv
UsePayCX2	Which of these personal sources of money do you think are often used to pay for care: Savings	Indiv
UsePayCX3	Which of these personal sources of money do you think are often used to pay for care: Benefits	Indiv
UsePayCX4	Which of these personal sources of money do you think are often used to pay for care: Sale of their assets (e.g. home)	Indiv
UsePayCX5	Which of these personal sources of money do you think are often used to pay for care: Money from relatives or friends	Indiv

UsePayCX6	Which of these personal sources of money do you think are often used to pay for care: Other sources of money	Indiv
UsePayCX7	Which of these personal sources of money do you think are often used to pay for care: None of these	Indiv
UsePayCX8	Which of these personal sources of money do you think are often used to pay for care: Don't know	Indiv
MaxLife	Is there any limit on the amount of money people have to pay for care and support over their lifetime?	Indiv
MaxPlanA	Before today, had you heard about the government policy to limit the amount people have to pay for care over their lifetime?	Indiv
ResCost	In your area, what is the cost of a residential care home place?	Indiv
TotCost	What period is that cost for?	Indiv
KnwCost	How confident are you about the accuracy of your answer (for the cost of a residential care home place)?	Indiv
HlpPlan	Were you involved at all in arranging the care or support of your family and friends in the last five years?	Indiv
WhoContCX1	Who has contributed to paying for the care for this person (or these people)? Local Authority (social services)	Indiv
WhoContCX2	Who has contributed to paying for the care for this person (or these people)? NHS	Indiv
WhoContCX3	Who has contributed to paying for the care for this person (or these people)? Charity/ religious organisation (e.g. Age UK)	Indiv
WhoContCX4	Who has contributed to paying for the care for this person (or these people)? The person themselves	Indiv
WhoContCX5	Who has contributed to paying for the care for this person (or these people)? Me	Indiv
WhoContCX6	Who has contributed to paying for the care for this person (or these people)? Other relatives	Indiv
WhoContCX7	Who has contributed to paying for the care for this person (or these people)? Another source	Indiv
WhoContCX8	Who has contributed to paying for the care for this person (or these people)? The care has not cost anything (SPONTANEOUS ONLY)	Indiv
WhoContCX9	Who has contributed to paying for the care for this person (or these people)? No care used in the end (SPONTANEOUS ONLY)	Indiv
KnwPlan	How many of your friends have made plans for how they might pay for what they need when they are older?	Indiv
YouPlan	Have you thought about how to pay for what you need when you are older?	Indiv
YouDoneCX1	Have you done any of the following: Joined a company pension scheme	Indiv
YouDoneCX2	Have you done any of the following: Started a private pension scheme	Indiv
YouDoneCX3	Have you done any of the following: Paid extra contributions into a pension scheme	Indiv
YouDoneCX4	Have you done any of the following: Taken out private health insurance/health plan	Indiv
YouDoneCX5	Have you done any of the following: Taken out insurance (e.g. to cover illness or inability to work)	Indiv
YouDoneCX6	Have you done any of the following: Consulted a financial advisor	Indiv
YouDoneCX7	Have you done any of the following: Started saving for when you are older	Indiv
YouDoneCX8	Have you done any of the following: Bought property so you can use the money when you are older	Indiv
YouDoneCX9	Have you done any of the following: Any other financial planning for when you are older	Indiv
YouDoneCX10	Have you done any of the following: None of these	Indiv

Use of health services

Variable	Description	Source
NDOCTALK	During the last two weeks, have you talked to a doctor?	Indiv
NCHATS	How many times have you talked to a doctor in these two weeks?	Indiv
GP	What type of doctor did you talk to?	Indiv
DOCWHER	How or where did you talk to the doctor?	Indiv
DOCWHY	Why did you talk to the doctor?	Indiv
WHENDOC	When was the last time you talked to a doctor?	Indiv
NDCTK12	In the last year, approximately how many times have you talked/visted a GP or family doctor?	Indiv
PNUR	During the last two weeks, have you seen a practice nurse at the GP surgery?	Indiv
NPNUR	How many times have you seen a practice nurse at the GP surgery in these two weeks?	Indiv
OUTPAT01	During the last year, have you attended hospital as an out patient?	Indiv
OUTPAT02	During the last year, have you attended hospital as an day patient?	Indiv
OUTPAT03	During the last year, have you attended hospital via casualty or A&E?	Indiv
OUTPAT95	During the last year, have you attended hospital via another way?	Indiv
OUTNPA	In the last 12 months, how many times have you visited the hospital as an out patient?	Indiv
OUTNPB	In the last 12 months, how many times have you visited the hospital as a day patient?	Indiv

Variable	Description	Source
OUTNPC	In the last 12 months, how many times have you visited the hospital as an A&E patient?	Indiv
OUTSTYQT	Was your reason for attending a hospital or clinic?	Indiv
HRGPCX1	In the last 12 months, have you been to your own doctor/GP or been referred to a hospital about problems with your hearing? Yes, doctor/GP	Indiv
HRGPCX2	In the last 12 months, have you been to your own doctor/GP or been referred to a hospital about problems with your hearing? Yes, referred to hospital	Indiv
HRGPCX3	In the last 12 months, have you been to your own doctor/GP or been referred to a hospital about problems with your hearing? No	Indiv
HRGPCX4	In the last 12 months, have you been to your own doctor/GP or been referred to a hospital about problems with your hearing? Prefer not to say	Indiv
HRGP50CX1	Have you been to your doctor/GP or been referred to a hospital about problems with your hearing since the age of 50? Yes, doctor/GP	Indiv
HRGP50CX2	Have you been to your doctor/GP or been referred to a hospital about problems with your hearing since the age of 50? Yes, referred to hospital	Indiv
HRGP50CX3	Have you been to your doctor/GP or been referred to a hospital about problems with your hearing since the age of 50? No	Indiv
HRGP50CX4	Have you been to your doctor/GP or been referred to a hospital about problems with your hearing since the age of 50? Prefer not to say	Indiv
HRGP50FCX1	Was that since you were 50 or before then? Yes, seen doctor/GP about hearing since the age of 50	Indiv
HRGP50FCX2	Was that since you were 50 or before then? Yes, referred to hospital about hearing since the age of 50	Indiv
HRGP50FCX3	Was that since you were 50 or before then? No, it was before I was 50	Indiv
NOISEGPCX1	In the last 12 months, have you been to your own doctor/GP or been referred to a hospital about problems with noises in your head or ears? Yes, doctor/GP	Indiv
NOISEGPCX2	In the last 12 months, have you been to your own doctor/GP or been referred to a hospital about problems with noises in your head or ears? Yes, referred to hospital	Indiv
NOISEGPCX3	In the last 12 months, have you been to your own doctor/GP or been referred to a hospital about problems with noises in your head or ears? No	Indiv
NOISEGPCX4	In the last 12 months, have you been to your own doctor/GP or been referred to a hospital about problems with noises in your head or ears? Prefer not to say	Indiv
INPAT	In the last year, have you attended hospital as an inpatient/overnight or longer	Indiv
INPATNO	During the last year, have you attended hospital as an inpatient/overnight or longer	Indiv
INPATWHY	Why were you in hospital?	Indiv
DAYY	Please can you tell me whether you have used any of these day activity services over the last 12 months?	Indiv
CCUSE	Here is a list of community care services. Excluding any contact with professionals or team members that you have already told me about, have you used any of these services in the last 12 months?	Indiv
CCUSEWCX1	Which services have you used?: Psychiatrist	Indiv
CCUSEWCX2	Which services have you used?: Psychologist	Indiv
CCUSEWCX3	Which services have you used?: Community psychiatric nurse (CPN)	Indiv
CCUSEWCX4	Which services have you used?: Community learning difficulty nurse	Indiv
CCUSEWCX5	Which services have you used?: Other nursing services	Indiv
CCUSEWCX6	Which services have you used?: Social Worker	Indiv
CCUSEWCX7	Which services have you used?: Self-help/support group	Indiv
CCUSEWCX8	Which services have you used?: Home help/home care worker	Indiv
CCUSEWCX9	Which services have you used?: Outreach worker/family support	Indiv
MENTHOS	Have you ever been admitted to a hospital or ward which specialises in caring for people with mental health problems?	Indiv
NHSSAT	All in all, how satisfied or dissatisfied would you say you are with the way in which the NHS runs nowadays?	Indiv

Hearing

Variable	Description	Source
HRTEST	In the last year, have you had a hearing test? IF yes, was the test carried out by the NHS or did you pay for it privately?	Indiv
HRAID	Nowadays do you ever wear a hearing aid?	Indiv
EVHRAID	Have you ever tried one?	Indiv
NUHRAID	How many hearing aids do you usually wear?	Indiv
TYPHRAID	What sort of hearing aid do you usually wear	Indiv
WRHRAID	Do you wear it/them some of the time or most of the time?	Indiv
HRAIDPY	Did you get your hearing aid free through the NHS or did you pay for it privately?	Indiv
YRHRAID	In what year did you get your hearing aid(s)?	Indiv
STHRAID	How satisfied or dissatisfied are you with the hearing aid you have at the moment?	Indiv

DIFHRAID	Do you have any difficulty with your hearing?	Indiv
HRRIGHT	How well do you hear someone talking to you when that person is sitting on your right side in a quiet room?	Indiv
HRLEFT	How well do you hear someone talking to you when that person is sitting on your left side in a quiet room?	Indiv
HRTV	Do you have difficulty following TV programmes at a volume others find acceptable, without any aid to hearing?	Indiv
HRGRP	Do you have difficulty having a conversation with several people in a group?	Indiv
HRWRRY	Nowadays , does any difficulty in hearing worry, annoy or upset you?	Indiv
LOUD	Would you say very loud sounds annoy you?	Indiv
RNGBZ	Nowadays , do you ever get noises, such as ringing or buzzing, in your head or ears that last for more than five minutes?	Indiv
RNGBZWR	How much do these noises worry, annoy or upset you when they are at their worst?	Indiv
WRKNS	Have you ever worked in a place that was so noisy you had to shout to be heard?	Indiv
NHSAID	From which of the following places would you most like to get an NHS hearing aid?	Indiv
NHSAIG2	Do you think the NHS should only provide hearing aids to people who ask their GP, or should the NHS screen people who would benefit from having a hearing aid?	Indiv
SCRNAGE	At what age do you think the NHS should start screening people for a hearing aid? When a person is in their…	Indiv
HEAR	(D) Hearing/Hearing aid status	Indiv
BESTEAR	(D) Result from best performing ear. Derived from HrLeft and HrRight	Derived
HRMODGT	(D) Binary - Moderate or great difficulty hearing and other	Derived
HRMODDEAF	(D) Binary - Moderate difficulty hearing or worse and other	Derived
MAXDIFF	(D) The poorest result from HrTV,HrGrp1 and BestEar	Derived
MAXDIFF2	(D) Difficult hearing (summary of bestear,HrTV,HrGrp)	Derived
HRTEST12	(D) Hearing test in last 12 months	Derived
HRAIDUSE	(D) Hearing aid use status	Derived

Hearing Test

Variable	Description	Source
HEHCI	Do you have a cochlear ear implant?	Nurse SC 16+
HEHEI	Do you have an ear infection at the moment?	Nurse SC 16+
HEHAIDN	Nowadays, do you ever wear a hearing aid?	Nurse SC 16+
HEHSF	Does the respondent agree to take the hearing test	Nurse SC 16+
HEHREFCX1	Why can't continue with hearing test: Respondent doesn t want to conduct the test - please specify reason	Nurse SC 16+
HEHREFCX2	Why can't continue with hearing test: Respondent refuses to remove glasses, earrings, headband	Nurse SC 16+
HEHREFCX3	Why can't continue with hearing test: Respondent refuses to remove hearing aid(s)	Nurse SC 16+
HEHREFCX4	Why can't continue with hearing test: Respondent refuses to switch off radio/television that could interfere with test	Nurse SC 16+
HEHREFCX5	Why can't continue with hearing test: Other - please specify reason	Nurse SC 16+
HEHLFA1	Left ear, first sequence: Did respondent hear Tone 1?	Nurse SC 16+
HEHLFA2	Left ear, first sequence: Did respondent hear Tone 2?	Nurse SC 16+
HEHLFA3	Left ear, first sequence: Did respondent hear Tone 3?	Nurse SC 16+
HEHLFB1	Left ear, second sequence: Did respondent hear Tone 1?	Nurse SC 16+
HEHLFB2	Left ear, second sequence: Did respondent hear Tone 2?	Nurse SC 16+
HEHLFB3	Left ear, second sequence: Did respondent hear Tone 3?	Nurse SC 16+
HEHLFAX1	Left ear, first sequence repeat: Did respondent hear Tone 1?	Nurse SC 16+
HEHLFAX2	Left ear, first sequence repeat: Did respondent hear Tone 2?	Nurse SC 16+
HEHLFAX3	Left ear, first sequence repeat: Did respondent hear Tone 3?	Nurse SC 16+
HEHLFBX1	Left ear, second sequence repeat: Did respondent hear Tone 1?	Nurse SC 16+
HEHLFBX2	Left ear, second sequence repeat: Did respondent hear Tone 2?	Nurse SC 16+
HEHLFBX3	Left ear, second sequence repeat: Did respondent hear Tone 3?	Nurse SC 16+
HEHLFN	Derived variable: Count total number of tones in left ear for both sequences tests. Max=6	Nurse SC 16+
HEHLRPXCX1	Why did test have to restart?: Respondent wanted to restart the test	Nurse SC 16+
HEHLRPXCX2	Why did test have to restart?: The device stopped working	Nurse SC 16+
HEHLRPXCX3	Why did test have to restart?: Too much background noise	Nurse SC 16+
HEHLRPXCX4	Why did test have to restart?: Had to remove items to be able to do hearing test (hearing aid, glasses, earrings, hair band etc.)	Nurse SC 16+

HEHLRPXCX95	Why did test have to restart?: Other	Nurse SC 16+
HEHRGA1	Right ear, first sequence: Did respondent hear Tone 1?	Nurse SC 16+
HEHRGA2	Right ear, first sequence: Did respondent hear Tone 2?	Nurse SC 16+
HEHRGA3	Right ear, first sequence: Did respondent hear Tone 3?	Nurse SC 16+
HEHRGB1	Right ear, second sequence: Did respondent hear Tone 1?	Nurse SC 16+
HEHRGB2	Right ear, second sequence: Did respondent hear Tone 2?	Nurse SC 16+
HEHRGB3	Right ear, second sequence: Did respondent hear Tone 3?	Nurse SC 16+
HEHRGAX1	Right ear, first sequence repeat: Did respondent hear Tone 1?	Nurse SC 16+
HEHRGAX2	Right ear, first sequence repeat: Did respondent hear Tone 2?	Nurse SC 16+
HEHRGAX3	Right ear, first sequence repeat: Did respondent hear Tone 3?	Nurse SC 16+
HEHRGBX1	Right ear, second sequence repeat: Did respondent hear Tone 1?	Nurse SC 16+
HEHRGBX2	Right ear, second sequence repeat: Did respondent hear Tone 2?	Nurse SC 16+
HEHRGBX3	Right ear, second sequence repeat: Did respondent hear Tone 3?	Nurse SC 16+
HEHRGN	Derived variable: Count total number of tones in right ear for both sequences tests. Max=6	Nurse SC 16+
HEHRRPXCX1	Why did test have to restart?: Respondent wanted to restart the test	Nurse SC 16+
HEHRRPXCX2	Why did test have to restart?: The device stopped working	Nurse SC 16+
HEHRRPXCX3	Why did test have to restart?: Too much background noise	Nurse SC 16+
HEHRRPXCX4	Why did test have to restart?: Had to remove items to be able to do hearing test (hearing aid, glasses, earrings, hair band etc.)	Nurse SC 16+
HEHRRPXCX95	Why did test have to restart?: Other	Nurse SC 16+
HEHSWCX1	Did respondent have to do anything which might affect the hearing test?: Remove glasses	Nurse SC 16+
HEHSWCX2	Did respondent have to do anything which might affect the hearing test?: Remove earrings	Nurse SC 16+
HEHSWCX3	Did respondent have to do anything which might affect the hearing test?: Remove hearing aid	Nurse SC 16+
HEHSWCX4	Did respondent have to do anything which might affect the hearing test?: Remove other item of jewellery or clothing which might affect device	Nurse SC 16+
HEHSWCX5	Did respondent have to do anything which might affect the hearing test?: Turn off background music/television	Nurse SC 16+
HEHSWCX6	Did respondent have to do anything which might affect the hearing test?: No did not need to remove anything or switch off anything	Nurse SC 16+
HEHNOISE	How was the background noise for the test?	Nurse SC 16+
HEAFF	Was there anything else that might have affected the test?	Nurse SC 16+
LEFTSUMM1KHZ	(D) Summary variable of hearing test at 1khz for left ear	Derived
RIGHTSUMM1KHZ	(D) Summary variable of hearing test at 1khz for right ear	Derived
LEFTSUMM3KHZ	(D) Summary variable of hearing test at 3khz for left ear	Derived
RIGHTSUMM3KHZ	(D) Summary variable of hearing test at 3khz for right ear	Derived
HRBETTER1KHZ	(D) Hearing 1khz (response for the better ear)	Derived
HRBETTER3KHZ	(D) Hearing 3khz (response for the better ear)	Derived

Adult physical activity

International physical activity questionnaire(IPAQ)

Variable	Description	Source
NOVIG	No vigorous physical activities in the last 7 days	SC YP
DAYSVIGCX1	Days on which did vigorous physical activity in last 7 days: Monday	SC YP
DAYSVIGCX2	Days on which did vigorous physical activity in last 7 days: Tuesday	SC YP
DAYSVIGCX3	Days on which did vigorous physical activity in last 7 days: Wednesday	SC YP
DAYSVIGCX4	Days on which did vigorous physical activity in last 7 days: Thursday	SC YP
DAYSVIGCX5	Days on which did vigorous physical activity in last 7 days: Friday	SC YP
DAYSVIGCX6	Days on which did vigorous physical activity in last 7 days: Saturday	SC YP
DAYSVIGCX7	Days on which did vigorous physical activity in last 7 days: Sunday	SC YP
LST7VIG	Number of days in last 7 did vigorous physical activity (NurSCDat.Lst7Vig)	SC YP
TVIGHOU	Time spent on vigorous physical activity on each day - Hours	SC YP
TVIGMIN	Time spent on vigorous physical activity on each day - Minutes	SC YP
NOMOD	No moderate physical activities in the last 7 days	SC YP
DAYSMODCX1	Days on which did moderate physical activity in last 7 days: Monday	SC YP
DAYSMODCX2	Days on which did moderate physical activity in last 7 days: Tuesday	SC YP
DAYSMODCX3	Days on which did moderate physical activity in last 7 days: Wednesday	SC YP
DAYSMODCX4	Days on which did moderate physical activity in last 7 days: Thursday	SC YP
DAYSMODCX5	Days on which did moderate physical activity in last 7 days: Friday	SC YP
DAYSMODCX6	Days on which did moderate physical activity in last 7 days: Saturday	SC YP
DAYSMODCX7	Days on which did moderate physical activity in last 7 days: Sunday	SC YP
LST7MOD	Number of days in last 7 did moderate physical activity	SC YP
TMODHOU	Time spent on moderate physical activity on each day - Hours	SC YP
TMODMIN	Time spent on moderate physical activity on each day - Minutes	SC YP
NOWALK	No walking activities in the last 7 days	SC YP
LST7WAL	Number of days in last 7 walked for at least 10 minutes at a time	SC YP
DaysWalCX1	Days on which walked for at least 10 minutes in last 7 days: Monday	SC YP
DaysWalCX2	Days on which walked for at least 10 minutes in last 7 days: Tuesday	SC YP
DaysWalCX3	Days on which walked for at least 10 minutes in last 7 days: Wednesday	SC YP
DaysWalCX4	Days on which walked for at least 10 minutes in last 7 days: Thursday	SC YP
DaysWalCX5	Days on which walked for at least 10 minutes in last 7 days: Friday	SC YP
DaysWalCX6	Days on which walked for at least 10 minutes in last 7 days: Saturday	SC YP
DaysWalCX7	Days on which walked for at least 10 minutes in last 7 days: Sunday	SC YP
TWALHOU	Time spent on walking activity on each day - Hours	SC YP
TWALMIN	Time spent on walking activity on each day - Minutes	SC YP
TSITHOU	Time spent sitting on a weekday in the last 7 days - Hours	SC YP
TSITMIN	Time spent sitting on a weekday in the last 7 days - Minutes	SC YP
TOTMVIGD	(D) IPAQ: Total number of minutes usually spend doing vigorous activities in a day	Derived
TOTMMODD	(D) IPAQ: Total number of minutes usually spend doing moderate activities in a day	Derived
TOTMWALD	(D) IPAQ: Total number of minutes usually spend walking in a day	Derived
TOTMSITD	(D) IPAQ: Total number of minutes spent sitting on a weekday	Derived
TOTMVIGWK	(D) IPAQ: Total number of minutes of vigorous activity in the last 7 days	Derived
TOTMMODWK	(D) IPAQ: Total number of minutes of moderate activity in the last 7 days	Derived
TOTMWALWK	(D) IPAQ: Total number of minutes walking in the last 7 days	Derived
TOTMSITWK	(D) IPAQ: Total number of minutes spent sitting (weekdays, only) in the last 7 days	Derived
VPAMDAY	(D) IPAQ: Vigorous-intensity minutes (VPA) each day (10+ mins)*2	Derived
MPAMDAY	(D) IPAQ: Moderate-intensity minutes (MPA) each day (10+ mins)	Derived
VPAMWK	(D) IPAQ: Vigorous-intensity miniutes (VPA) each week (10+ mins) * 2	Derived
MPAMWK	(D) IPAQ: Moderate-intensity minutes (MPA) each week (10+ mins)	Derived
MVPAMWK	(D) IPAQ: Active - Moderate/Vigorous-intensity minutes (MVPA) each week	Derived
MVPAMWKG	(D) IPAQ: Grouped Active - 30 minutes or more Moderate/Vigorous-intensity minutes (MVPA) each week	Derived
MVPATERT	(D) IPAQ: Tertiles of moderate or vigorous intensive minutes of activity per week (sex-specific; excludes walking	Derived

Smoking

Adults General

Variable	Description	Source
SMKEVR	Whether ever smoked cigarette/cigar/pipe (c+sc)	Indiv/SC YP
CIGNOW	Whether smoke cigarettes nowadays (c+sc)	Indiv/SC YP
CIGEVR	Whether ever smoked cigarettes (c+sc)	Indiv/SC YP
CIGARNOW	Currently smokes cigars	Indiv
CIGARREG	How regularly smokes cigars	Indiv
PIPENOWA	Currently smokes a pipe	Indiv
CIGPIPENOW	(D) Current user of cigars or pipes, 16+yrs (c+sc)	Derived
STARTSMK	Age when started smoking	Indiv
DCIGAGE	Age first tried a cigarette	SC YP
DRSMOKE	Whether a medical person has ever advised you to give up for health reasons	Indiv
DRSMOKE1	How long ago advised to stop	Indiv
ASKHLP_1	Whether been to health professional for help to stop smoking: Doctor	Indiv
ASKHLP_2	Whether been to health professional for help to stop smoking: Other health professional	Indiv
ASKHLP_3	Whether been to health professional for help to stop smoking: Local stop smoking services	Indiv
ASKHLP_4	Whether been to health professional for help to stop smoking: None of these	Indiv
SMKDAD	Whether father smoked when participant a child (c+sc)	Indiv/SC YP
SMKMUM	Whether mother smoked when participant a child (c+sc)	Indiv/SC YP
CIGST1	(D) Cigarette Smoking Status - Never/Ex-reg/Ex-occ/Current	Derived
CIGSTA3	(D) Cigarette Smoking Status: Current/Ex-Reg/Never-Reg	Derived
CIGST2	(D) Cigarette Smoking Status - Banded current smokers	Derived
EXPSMOK	Number of hours/week exposed to others' smoke (c+sc)	Indiv/SC YP
EXPSMOK3	(D) Any adult self-reported exposure to other people's smoke, 16+, binary (c+sc)	Derived
PASSMOKE1	Often near people who smoke: At home (c+sc)	Indiv/SC YP
PASSMOKE2	Often near people who smoke: At work (c+sc)	Indiv/SC YP
PASSMOKE3	Often near people who smoke: In other people's homes (c+sc)	Indiv/SC YP
PASSMOKE4	Often near people who smoke: Travelling by car/van (c+sc)	Indiv/SC YP
PASSMOKE5	Often near people who smoke: Outdoor smoking areas of pubs/restaurants/cafes (c+sc)	Indiv/SC YP
PASSMOKE6	Often near people who smoke: In other places (c+sc)	
PASSMOKE7	Often near people who smoke: None of these (c+sc)	Indiv/SC YP
PASSMKB	Does being near people who smoke bother you at all? (c+sc)	Indiv/SC YP

Adult Current Smokers

Variable	Description	Source
FIRSTCIG	How soon after waking does respondent smoke	Indiv
CIGDYAL	(D) Number of cigarettes smoke a day - inc. non-smokers	Derived
CIGWDAY	Number cigarettes smoke on weekday (c+sc)	Indiv/SC YP
CIGWEND	Number cigarettes smoke on weekend day (c+sc)	Indiv/SC YP
CIGTYP	Type of cigarette smoked (c+sc)	Indiv/SC YP
OTHCIGTP1	Other type of cigarette smoked: Filter-tipped (c+sc)	Indiv/SC YP
OTHCIGTP2	Other type of cigarette smoked: Plain or untipped (c+sc)	Indiv/SC YP
OTHCIGTP3	Other type of cigarette smoked: Hand-rolled (c+sc)	Indiv/SC YP
OTHCIGTP4	Other type of cigarette smoked: None (c+sc)	Indiv/SC YP
HROLLWK	Number of hand-rolled cigarettes smoked on a weekday (c+sc)	Indiv/SC YP
HROLLWE	Number of hand-rolled cigarettes smoked on a weekend day (c+sc)	Indiv/SC YP
HROLLFLTR	Whether smoke hand-rolled cigarettes with filter (c+sc)	Indiv/SC YP
SMOKWH1	In last 7 days I smoked: At my home (indoors or outside)	Indiv
SMOKWH2	In last 7 days I smoked: Outside (other than at home)	Indiv
SMOKWH3	In last 7 days I smoked: Inside other people's homes	Indiv
SMOKWH4	In last 7 days I smoked: Whilst travelling by car	Indiv
SMOKWH5	In last 7 days I smoked: Inside other places	Indiv
SMOKHM01	In last 7 days I smoked: Outside, for example in the garden or on doorstep	Indiv
SMOKHM02	In last 7 days I smoked: Own room/bedroom	Indiv
SMOKHM03	In last 7 days I smoked: Living room	Indiv
SMOKHM04	In last 7 days I smoked: Kitchen	Indiv
SMOKHM05	In last 7 days I smoked: Toilet	Indiv
SMOKHM06	In last 7 days I smoked: Bathroom	Indiv
SMOKHM07	In last 7 days I smoked: Study	Indiv

SMOKHM08	In last 7 days I smoked: Dining room	Indiv
SMOKHM09	In last 7 days I smoked: Everywhere	Indiv
SMOKHM10	In last 7 days I smoked: Somewhere else in the home	Indiv
SMKOUTS1	In last 7 days I smoked: In the street, or out and about	Indiv
SMKOUTS2	In last 7 days I smoked: Outside at work	Indiv
SMKOUTS3	In last 7 days I smoked: Outside other people's home	Indiv
SMKOUTS4	In last 7 days I smoked: Outside pubs or bars	Indiv
SMKOUTS5	In last 7 days I smoked: Outside restaurants, cafes, or canteens	Indiv
SMKOUTS6	In last 7 days I smoked: Outside shops	Indiv
SMKOUTS7	In last 7 days I smoked: In public parks	Indiv
SMKOUTS8	In last 7 days I smoked: Outside other places	Indiv
SMNODAY	Ease of going without cigarettes for a day	Indiv
GIVUPSK	Like to give up smoking (c+sc)	Indiv/SC YP
WHNSTPSK	Intention to give up smoking (c+sc)	Indiv/SC YP
DCUTDOWN	Trying to cut down but not stop (sc)	SC YP
CUTDWN	Currently trying to cut down on smoking but not trying to stop (capi)	Indiv
SMKCOMPYR	Number of cigarettes smoked compared to a year ago (c+sc)	Indiv/SC YP
GIVEUPRS01	Reasons for wanting to give up: Because of a health problem I have at present	Indiv/SC YP
GIVEUPRS02	Reasons for wanting to give up: Better for my health in general	Indiv/SC YP
GIVEUPRS03	Reasons for wanting to give up:To reduce the risk of getting smoking related illnesses	Indiv/SC YP
GIVEUPRS04	Reasons for wanting to give up: Ban on smoking in public places	Indiv/SC YP
GIVEUPRS05	Reasons for wanting to give up: Family or friends wanted me to stop	Indiv/SC YP
GIVEUPRS06	Reasons for wanting to give up: Financial reasons (can't afford it)	Indiv/SC YP
GIVEUPRS07	Reasons for wanting to give up: Worried about the effect on my children	Indiv/SC YP
GIVEUPRS08	Reasons for wanting to give up: Worried about the effect on other family members	Indiv/SC YP
GIVEUPRS09	Reasons for wanting to give up: Other	Indiv/SC YP

Adult Ex-Smokers

Variable	Description	Source
QITRSN01	Reason gave up: Advice from a GP or health professional (c+sc)	Indiv/SC YP
QITRSN02	Reason gave up: Advert for a nicotine replacement product (c+sc)	Indiv/SC YP
QITRSN03	Reason gave up: Government TV, radio or press advert (c+sc)	Indiv/SC YP
QITRSN04	Reason gave up: Hearing about a new stop smoking treatment (c+sc)	Indiv/SC YP
QITRSN05	Reason gave up: Financial reasons (couldn't afford it) (c+sc)	Indiv/SC YP
QITRSN06	Reason gave up: Ban on smoking in public places (c+sc)	Indiv/SC YP
QITRSN07	Reason gave up: I knew someone else who was stopping (c+sc)	Indiv/SC YP
QITRSN08	Reason gave up: Seeing a health warning on cigarette packet (c+sc)	Indiv/SC YP
QITRSN09	Reason gave up: Family or friends wanted me to stop (c+sc)	Indiv/SC YP
QITRSN10	Reason gave up: Being contacted by my local NHS Stop Smoking Services (c+sc)	Indiv/SC YP
QITRSN11	Reason gave up: Health problems I had at the time (c+sc)	Indiv/SC YP
QITRSN12	Reason gave up: Worried about future health problems (c+sc)	Indiv/SC YP
QITRSN13	Reason gave up: Pregnancy (c+sc)	Indiv/SC YP
QITRSN14	Reason gave up: Worried about the effect on my children (c+sc)	Indiv/SC YP
QITRSN15	Reason gave up: Worried about the effect on other family members (c+sc)	Indiv/SC YP
QITRSN16	Reason gave up: My own motivation (c+sc)	Indiv/SC YP
QITRSN17	Reason gave up: Something else (c+sc)	Indiv/SC YP
QITRSN18	Reason gave up: Cannot remember (c+sc)	Indiv/SC YP
CIGREG	How frequently used to smoke (c+sc)	Indiv/SC YP
NUMSMOK	About how many cigarettes did you smoke in a day	Indiv
ENDSMOKE	How long ago did you stop smoking cigarettes	Indiv
LONGEND2	How many months ago did you give up	Indiv
SMOKYRS	How many years did you smoke cigarettes	Indiv
SMOKETRY	Whether ever tried to give up smoking because of a health condition	Indiv

Nicotine replacement

Variable	Description	Source
NRNOW01	Nicotine replacement product currently used: Nicotine chewing gum (c+sc)	Indiv/SC YP
NRNOW02	Nicotine replacement product currently used: Nicotine lozenges (c+sc)	Indiv/SC YP
NRNOW03	Nicotine replacement product currently used: Nicotine patch (c+sc)	Indiv/SC YP
NRNOW04	Nicotine replacement product currently used: Nicotine inhaler (c+sc)	Indiv/SC YP
NRNOW05	Nicotine replacement product currently used: Nicotine mouthspray (c+sc)	Indiv/SC YP
NRNOW06	Nicotine replacement product currently used: Nicotine nasal spray (c+sc)	Indiv/SC YP
NRNOW07	Nicotine replacement product currently used: Another nicotine product (c+sc)	Indiv/SC YP

NRNOW08	Nicotine replacement product currently used: Electronic cigarette (c+sc)	Indiv/SC YP
NRNOW09	Nicotine replacement product currently used: None of these (c+sc)	Indiv/SC YP
NDPNOW	(D) Current use of E-cigarettes and/or NDPs, 16+yrs (c + sc)	Derived
NREVR01	Nicotine replacement product used in the past but not now: Nicotine chewing gum (c+sc)	Indiv/SC YP
NREVR02	Nicotine replacement product used in the past but not now: Nicotine lozenges (c+sc)	Indiv/SC YP
NREVR03	Nicotine replacement product used in the past but not now: Nicotine patch (c+sc)	Indiv/SC YP
NREVR04	Nicotine replacement product used in the past but not now: Nicotine inhaler (c+sc)	Indiv/SC YP
NREVR05	Nicotine replacement product used in the past but not now: Nicotine mouthspray (c+sc)	Indiv/SC YP
NREVR06	Nicotine replacement product used in the past but not now: Nicotine nasal spray (c+sc)	Indiv/SC YP
NREVR07	Nicotine replacement product used in the past but not now: Another nicotine product (c+sc)	Indiv/SC YP
NREVR08	Nicotine replacement product used in the past but not now: Electronic cigarette (c+sc)	Indiv/SC YP
NREVR09	Nicotine replacement product used in the past but not now: None of these (c+sc)	Indiv/SC YP
NDPEVRC	(D) Ever or Current use of E-cigarettes and/or NDPs, 16+yrs (c + sc)	Derived
HELPQUIT_1	Nicotine replacement product used to help stop smoking: Nicotine chewing gum	Indiv
HELPQUIT_2	Nicotine replacement product used to help stop smoking: Nicotine lozenges	Indiv
HELPQUIT_3	Nicotine replacement product used to help stop smoking: Nicotine patch	Indiv
HELPQUIT_4	Nicotine replacement product used to help stop smoking: Nicotine inhaler	Indiv
HELPQUIT_5	Nicotine replacement product used to help stop smoking: Nicotine mouthspray	Indiv
HELPQUIT_6	Nicotine replacement product used to help stop smoking: Nicotine nasal spray	Indiv
HELPQUIT_7	Nicotine replacement product used to help stop smoking: Another nicotine product	Indiv
HELPQUIT_8	Nicotine replacement product used to help stop smoking: Electronic cigarette	Indiv
HELPQUIT_9	Nicotine replacement product used to help stop smoking: None of these	Indiv
NRCUT_1	Nicotine replacement product used to help cut down amount smoke: Nicotine chewing gum (capi)	Indiv
NRCUT_2	Nicotine replacement product used to help cut down amount smoke: Nicotine lozenges (capi)	Indiv
NRCUT_3	Nicotine replacement product used to help cut down amount smoke: Nicotine patch (capi)	Indiv
NRCUT_4	Nicotine replacement product used to help cut down amount smoke: Nicotine inhaler (capi)	Indiv
NRCUT_5	Nicotine replacement product used to help cut down amount smoke: Nicotine mouthspray (capi)	Indiv
NRCUT_6	Nicotine replacement product used to help cut down amount smoke: Nicotine nasal spray (capi)	Indiv
NRCUT_7	Nicotine replacement product used to help cut down amount smoke: Another nicotine product (capi)	Indiv
NRCUT_8	Nicotine replacement product used to help cut down amount smoke: Electronic cigarette (capi)	Indiv
NRCUT_9	Nicotine replacement product used to help cut down amount smoke: None of these (capi)	Indiv
DNRCUT_1	Nicotine replacement product used to help cut down amount smoke: Nicotine chewing gum (sc)	SC YP
DNRCUT_2	Nicotine replacement product used to help cut down amount smoke: Nicotine lozenges (sc)	SC YP
DNRCUT_3	Nicotine replacement product used to help cut down amount smoke: Nicotine patch (sc)	SC YP
DNRCUT_4	Nicotine replacement product used to help cut down amount smoke: Nicotine inhaler (sc)	SC YP
DNRCUT_5	Nicotine replacement product used to help cut down amount smoke: Nicotine mouthspray (sc)	SC YP
DNRCUT_6	Nicotine replacement product used to help cut down amount smoke: Nicotine nasal spray (sc)	SC YP
DNRCUT_7	Nicotine replacement product used to help cut down amount smoke: Another nicotine product (sc)	SC YP
DNRCUT_8	Nicotine replacement product used to help cut down amount smoke: Electronic cigarette (sc)	SC YP
DNRCUT_9	Nicotine replacement product used to help cut down amount smoke: None of these (sc)	SC YP
NRTEMP_1	Nicotine replacement product used when not allowed to smoke: Nicotine chewing gum (capi)	Indiv
NRTEMP_2	Nicotine replacement product used when not allowed to smoke: Nicotine lozenges (capi)	Indiv
NRTEMP_3	Nicotine replacement product used when not allowed to smoke: Nicotine patch (capi)	Indiv
NRTEMP_4	Nicotine replacement product used when not allowed to smoke: Nicotine inhaler (capi)	Indiv
NRTEMP_5	Nicotine replacement product used when not allowed to smoke: Nicotine mouthspray (capi)	Indiv
NRTEMP_6	Nicotine replacement product used when not allowed to smoke: Nicotine nasal spray (capi)	Indiv
NRTEMP_7	Another nicotine replacement product used when not allowed to smoke(capi)	Indiv
NRTEMP_8	Nicotine replacement product used when not allowed to smoke: Electronic cigarette (capi)	Indiv
NRTEMP_9	None of these Nicotine replacement products used when not allowed to smoke (capi)	Indiv
DNRBAN_1	Nicotine replacement product used when not allowed to smoke: Nicotine chewing gum (sc)	SC YP
DNRBAN_2	Nicotine replacement product used when not allowed to smoke: Nicotine lozenges (sc)	SC YP
DNRBAN_3	Nicotine replacement product used when not allowed to smoke: Nicotine patch (sc)	SC YP
DNRBAN_4	Nicotine replacement product used when not allowed to smoke: Nicotine inhaler (sc)	SC YP

DNRBAN_5	Nicotine replacement product used when not allowed to smoke: Nicotine mouthspray (sc)	SC YP
DNRBAN_6	Nicotine replacement product used when not allowed to smoke: Nicotine nasal spray (sc)	SC YP
DNRBAN_7	Another nicotine replacement product used when not allowed to smoke (sc)	SC YP
DNRBAN_8	Nicotine replacement product used when not allowed to smoke: Electronic cigarette (sc)	SC YP
DNRBAN_9	None of these Nicotine replacement products used when not allowed to smoke (sc)	SC YP
PASTQUIT_1	Nicotine replacement product used during serious quit attempt: Nicotine chewing gum (capi)	Indiv
PASTQUIT_2	Nicotine replacement product used during serious quit attempt: Nicotine lozenges (capi)	Indiv
PASTQUIT_3	Nicotine replacement product used during serious quit attempt: Nicotine patch (capi)	Indiv
PASTQUIT_4	Nicotine replacement product used during serious quit attempt: Nicotine inhaler (capi)	Indiv
PASTQUIT_5	Nicotine replacement product used during serious quit attempt: Nicotine mouthspray (capi)	Indiv
PASTQUIT_6	Nicotine replacement product used during serious quit attempt: Nicotine nasal spray (capi)	Indiv
PASTQUIT_7	Another nicotine replacement product used during serious quit attempt (capi)	Indiv
PASTQUIT_8	Nicotine replacement product used during serious quit attempt: Electronic cigarette (capi)	Indiv
PASTQUIT_9	None of these nicotine replacement products used during serious quit attempt (capi)	Indiv
DNRQUI_1	Nicotine replacement product used during serious quit attempt: Nicotine chewing gum (c+sc)	Indiv/SC YP
DNRQUI_2	Nicotine replacement product used during serious quit attempt: Nicotine lozenges (c+sc)	Indiv/SC YP
DNRQUI_3	Nicotine replacement product used during serious quit attempt: Nicotine patch (c+sc)	Indiv/SC YP
DNRQUI_4	Nicotine replacement product used during serious quit attempt: Nicotine inhaler (c+sc)	Indiv/SC YP
DNRQUI_5	Nicotine replacement product used during serious quit attempt: Nicotine mouthspray (c+sc)	Indiv/SC YP
DNRQUI_6	Nicotine replacement product used during serious quit attempt: Nicotine nasal spray (c+sc)	Indiv/SC YP
DNRQUI_7	Nicotine replacement product used during serious quit attempt: Another nicotine product (c+sc)	Indiv/SC YP
DNRQUI_8	Nicotine replacement product used during serious quit attempt: Electronic cigarette (c+sc)	Indiv/SC YP
DNRQUI_9	Nicotine replacement product used during serious quit attempt: None of these (c+sc)	Indiv/SC YP

Children General

Variable	Description	Source
EXPSMOK2	(D) Children's self reported exposure to other people's smoke, 0-15,4 groups	Derived
ADULTSMOKE	(D) Children live with at least one adult smoker, smokes at home on most days, binary (for children aged 4-15)	Derived
SMOKE415	(D) Self-reported child smokers aged 4-15 yrs, (4-7yrs assumed non-smoker)	Derived

Children 8-15

Variable	Description	Source
ANRSM201	Often near people who smoke: At home	SC 8-15
ANRSM202	Often near people who smoke: In other people's homes	SC 8-15
ANRSM203	Often near people who smoke: In a car	SC 8-15
ANRSM204	Often near people who smoke: In the street	SC 8-15
ANRSM205	Often near people who smoke: Outdoor areas of pubs/cafes/restaurants	SC 8-15
ANRSM206	Often near people who smoke: Park/playing facilities	SC 8-15
ANRSM207	Often near people who smoke: Public places unspecified	SC 8-15
ANRSM208	Often near people who smoke: School	SC 8-15
ANRSM209	Often near people who smoke: In other places	SC 8-15
ANRSM297	Often near people who smoke: No, none of these	SC 8-15
ASMKBTHR	Being around smoke bother you	SC 8-15
KCIGREGG	(D) Frequency of cigarette smoking (8-15s) (grouped)	Derived
KCIGEVR	Whether ever smoked cigarettes (8-15s)	SC 8-15
KCIGAGE	Age first smoked a cigarette (8-15s)	SC 8-15
KCIGREG	Frequency and amount smoked (8-15s)	SC 8-15
KCIGWEEK	Whether smoked in previous week (8-15s)	SC 8-15
KCIGNUM	Number of cigarettes smoked last week (8-15s)	SC 8-15
CHEXPSM	Whether child carer smokes (0-12s)	Indiv

Children 13-15

Variable	Description	Source
ANRNOW_1	Nicotine replacement products currently used: Nicotine chewing gum (children 13-15)	SC 13-15
ANRNOW_2	Nicotine replacement products currently used: Nicotine lozenges/ mini lozenges (children 13-15)	SC 13-15

ANRNOW_3	Nicotine replacement products currently used: Nicotine patch (children 13-15)	SC 13-15
ANRNOW_4	Nicotine replacement products currently used: Nicotine inhaler/inhalator (children 13-15)	SC 13-15
ANRNOW_5	Nicotine replacement products currently used: Nicotine mouthspray (children 13-15)	SC 13-15
ANRNOW_6	Nicotine replacement products currently used: Nicotine nasal spray (children 13-15)	SC 13-15
ANRNOW_7	Nicotine replacement products currently used: Other nicotine product (children 13-15)	SC 13-15
ANRNOW_8	Nicotine replacement products currently used: Electronic cigarette (children 13-15)	SC 13-15
ANRNOW_9	Nicotine replacement products currently used: None of these (children 13-15)	SC 13-15
ANREVR_1	Nicotine replacement products used in past but not now: Nicotine chewing gum (children 13-15)	SC 13-15
ANREVR_2	Nicotine replacement products used in past but not now: Nicotine lozenges/ mini lozenges (children 13-15)	SC 13-15
ANREVR_3	Nicotine replacement products used in past but not now: Nicotine patch (children 13-15)	SC 13-15
ANREVR_4	Nicotine replacement products used in past but not now: Nicotine inhaler/inhalator (children 13-15)	SC 13-15
ANREVR_5	Nicotine replacement products used in past but not now: Nicotine mouthspray (children 13-15)	SC 13-15
ANREVR_6	Nicotine replacement products used in past but not now: Nicotine nasal spray (children 13-15)	SC 13-15
ANREVR_7	Nicotine replacement products used in past but not now: Other nicotine product (children 13-15)	SC 13-15
ANREVR_8	Nicotine replacement products used in past but not now: Electronic cigarette (children 13-15)	SC 13-15
ANREVR_9	Nicotine replacement products used in past but not now: None of these (children 13-15)	SC 13-15
CURRENTNDPS	((D) Current use of nicotine delivery product(s) (NDP) (SC 13-15)	Derived

Current Nicotine Status

Variable	Description	Source
SMOKE1	Currently smokes cigarettes	Nurse
SMOKE2	Currently smokes cigars	Nurse
SMOKE3	Currently smokes a pipe	Nurse
SMOKE4	Does not currently smoke	Nurse
LASTSMOK	How long is it since last smoked?	Nurse
SMOKEVRN	Ever regularly smoked a cigarette, a cigar or a pipe, at least one a day	Nurse
NCIGSTAT	(D) Cigarette Smoking Status at nurse interview, 16+yrs	Derived
NR7DAY_1	Nicotine products used in last 7 days: Nicotine chewing gum	Nurse
NR7DAY_2	Nicotine products used in last 7 days: Nicotine lozenges/mini lozenges	Nurse
NR7DAY_3	Nicotine products used in last 7 days: Nicotine patches	Nurse
NR7DAY_4	Nicotine products used in last 7 days: Nicotine inhaler/inhalator	Nurse
NR7DAY_5	Nicotine products used in last 7 days: Nicotine mouthspray	Nurse
NR7DAY_6	Nicotine products used in last 7 days: Nicotine nasal spray	Nurse
NR7DAY_7	Nicotine products used in last 7 days: Another nicotine product	Nurse
NR7DAY_8	Nicotine products used in last 7 days: Electronic cigarette	Nurse
NR7DAY_9	Nicotine products used in last 7 days: None	Nurse
NICUSE7D	(D) Used nicotine products in last 7 days, 16+yrs (nurse)	Derived

Cotinine

Variable	Description	Source
SALINTR1	Consent to take saliva sample	Nurse
SALOBT1	Whether saliva sample obtained	Nurse
SALHOW	Method used to obtain saliva sample	Nurse
SALNOBT3	Sample not obtained: Not able to produce any saliva	Nurse
SALNOBT4	Sample not obtained: Other	Nurse
SALOUTC	Saliva sample outcome	Nurse
COTININE	Cotinine result	Lab
COTQUAL	Cotinine quality	Nurse
COTVAL2	(D) Valid Cotinine (16+yrs, excl users of nicotine delivery products(NDP))	Derived
COT12VAL2	(D) Binary of valid cotinine levels at 12+ ng/ml (16+yrs, excl users of NDP)	Derived
COT12VAL3	(D) Binary of valid cotinine levels at 12+ ng/ml (16+, incl users of NDP)	Derived
COT12VALKIDS	(D) Cotinine below/above 12 ng/ml (children 4-15) excl current use of NDPs	Derived
UNDETECTCOT	(D) Binary of undetectable cotinine, <0.1ng/ml (16+yrs, excl users NDP)	Derived
DETECTCOT12CH	(D) Detectable cotinine for children, excl Current NDPs and smokers	Derived
SHSOUTC	(D) Detectable cotinine for children (3 groups), excl Current NDPs and smokers	Derived

Social care

Help with tasks

Variable	Description	Source
ANYHLP	Whether needed any help with tasks?	Indiv
TASKSA	Whether need help: Getting in and out of bed	Indiv
TASKSB	Whether need help: Washing face and hands	Indiv
TASKSC	Whether need help: Having a bath/shower, including getting in and out of bath/shower	Indiv
TASKSD	Whether need help: Dressing and undressing, including putting on shoes and socks	Indiv
TASKSE	Whether need help: Using the toilet	Indiv
TASKSF	Whether need help: Eating, including cutting up food	Indiv
TASKSG	Whether need help: Taking the right amount of medicine at the right times	Indiv
TASKSH	Whether need help: Getting around indoors	Indiv
TASKSI	Whether need help: Getting up and down stairs	Indiv
TASKSJ	Whether need help: Getting out of the house	Indiv
TASKSK	Whether need help: Shopping for food	Indiv
TASKSL	Whether need help: Doing routine housework or laundry	Indiv
TASKSM	Whether need help: Doing paperwork or paying bills	Indiv
TASKHELPA	Received help in last month: Getting in and out of bed	Indiv
TASKHELPB	Received help in last month: Washing face and hands	Indiv
TASKHELPC	Received help in last month: Having a bath or a shower	Indiv
TASKHELPD	Received help in last month: Dressing or undressing, including putting on shoes and socks	Indiv
TASKHELPE	Received help in last month: Using the toilet	Indiv
TASKHELPF	Received help in last month: Eating, including cutting up food	Indiv
TASKHELPG	Received help in last month: Taking the right amount of medicine at the right times	Indiv
TASKHELPH	Received help in last month: Getting around indoors	Indiv
TASKHELPI	Received help in last month: Getting up and down stairs	Indiv
TASKHELPJ	Received help in last month: Getting out of the house	Indiv
TASKHELPK	Received help in last month: Shopping for food	Indiv
TASKHELPL	Received help in last month: Doing routine housework or laundry	Indiv
TASKHELPM	Received help in last month: Doing paperwork or paying bills	Indiv
HLPNUM	Derived number of activities Respondent has received help with in the last month	Indiv
HLPNUMB	Derived number of activities respondent has received help with in the last month, excluding shopping for food / housework / paperwork	Indiv
CHECKA2	Whether received help because of health, disability or age problems	Indiv
RECHLPI	(D) Did you receive help: Stairs (TASK I)	Derived
RECHLPH	(D) Did you receive help: Indoors (TASK H)	Derived
RECHLPA	(D) Did you receive help: Bed (TASK A)	Derived
RECHLPC	(D) Did you receive help: Shower (TASK C)	Derived
RECHLPD	(D) Did you receive help: Dress (TASK D)	Derived
RECHLPB	(D) Did you receive help: Wash (TASK B)	Derived
RECHLPE	(D) Did you receive help: Toilet (TASK E)	Derived
RECHLPG	(D) Did you receive help: Medicine (TASK G)	Derived
RECHLPF	(D) Did you receive help: Eat (TASK F)	Derived
RECHLPJ	(D) Did you receive help: House (TASK J)	Derived
RECHLPK	(D) Did you receive help: Shop (TASK K)	Derived
RECHLPL	(D) Did you receive help: Housework (TASK L)	Derived
RECHLPM	(D) Did you receive help: Paperwork (TASK M)	Derived
RECHELIBI	(D) Received help: Stairs (binary) (TASK I)	Derived
RECHELHBI	(D) Received help: Indoors (binary) (TASK H)	Derived
RECHELABI	(D) Received help: Bed (binary) (TASK A)	Derived
RECHELCBI	(D) Received help: Shower (binary) (TASK C)	Derived
RECHELDBI	(D) Received help: Dress (binary) (TASK D)	Derived
RECHELBBI	(D) Received help: Wash (binary) (TASK B)	Derived
RECHELEBI	(D) Received help: Toilet (binary) (TASK E)	Derived
RECHELGBI	(D) Received help: Medicine (binary) (TASK G)	Derived
RECHELFBI	(D) Received help: Eat (binary) (TASK F)	Derived
RECHELJBI	(D) Received help: House (binary) (TASK J)	Derived
RECHELKBI	(D) Received help: Shop (binary) (TASK K)	Derived
RECHELLBI	(D) Received help: Housework (binary) (TASK L)	Derived
RECHELMBI	(D) Received help: Paperwork (binary) (TASK M)	Derived
NDHLPI	(D) Need help (binary): Stairs (TASK I)	Derived
NDHLPH	(D) Need help (binary): Indoors (TASK H)	Derived
NDHLPA	(D) Need help (binary): Bed (TASK A)	Derived
NDHLPC	(D) Need help (binary): Shower (TASK C)	Derived
NDHLPD	(D) Need help (binary): Dress (TASK D)	Derived
NDHLPB	(D) Need help (binary): Wash (TASK B)	Derived

NDHLPE	(D) Need help (binary): Toilet (TASK E)	Derived
NDHLPG	(D) Need help (binary): Medicine (TASK G)	Derived
NDHLPF	(D) Need help (binary): Eat (TASK F)	Derived
NDHLPJ	(D) Need help (binary): House (TASK J)	Derived
NDHLPK	(D) Need help (binary): Shop (TASK K)	Derived
NDHLPL	(D) Need help (binary): Housework (TASK L)	Derived
NDHLPM	(D) Need help(binary): Paperwork (TASK M)	Derived
ANYADL	(D) Needed help with any personal activities (ADLs)	Derived
ANYEXSH	(D) Needed help with any personal activities (ADLs excl bath or shower)	Derived
ANYEXSH2	(D) Needed help with any personal activities (ADLs excl bath or shower, toilet, indoors & stairs)	Derived
INDOORADL	(D) Needed help with any indoor activities (ADLs: Getting around indoors, getting up and down stairs)	Derived
ANYIADL	(D) Needed help with any instrumental activities (IADLs: getting out of house,food shopping, routine housework,doing paperwork/bills)	Derived
HELPADL	(D) Received help with any indoor activities (ADLs: Getting around indoors, getting up and down stairs)	Derived
HELPEXSH	(D) Received help for any personal activities (ADLs excl bath or shower)	Derived
HELPEXSH2	(D) Received help for any personal activities (ADLs excl bath or shower, toilet, indoors & stairs)	Derived
HELPINDOOR	(D) Received help with any indoor activities (ADLs: Getting around indoors, getting up and down stairs)	Derived
HELPIADL	(D) Received help with any instrumental activities (IADLs: getting out of house,food shopping, routine housework,doing paperwork/bills)	Derived
UNMETI	(D) Unmet need: Stairs (TASK I)	Derived
UNMETH	(D) Unmet need: Stairs (TASK I)	Derived
UNMETA	(D) Unmet need: Bed (TASK A)	Derived
UNMETC	(D) Unmet need: Shower (TASK C)	Derived
UNMETD	(D) Unmet need: Dress (TASK D)	Derived
UNMETB	(D) Unmet need: Wash (TASK B)	Derived
UNMETE	(D) Unmet need: Toilet (TASK E)	Derived
UNMETG	(D) Unmet need: Medicine (TASK G)	Derived
UNMETF	(D) Unmet need: Eat (TASK F)	Derived
UNMETJ	(D) Unmet need: House (TASK J)	Derived
UNMETK	(D) Unmet need: Shop (TASK K)	Derived
UNMETL	(D) Unmet need: Housework (TASK L)	Derived
UNMETM	(D) Unmet need: Paperwork/Bills (TASK M)	Derived
UNADL	(D) Unmet need for any personal activities (ADLs)	Derived
UNADL2	(D) Whether any unmet need for any personal activities (ADLs)	Derived
UNIADL	(D) Unmet need for any instrumental activities (IADLs)	Derived
UNIADL2	(D) Whether any unmet need for any instrumental activities (IADLs)	Derived
BLADDPRB	Whether suffer with bladder problems	Indiv
BOWELPRB	Whether suffer with bowel problems	Indiv
BLADPROB	(D) Bladder problem - binary	Derived
BOWPROB	(D) Bowel problem - binary	Derived
BARTHEL	(D) Unmet need: Person's dep - Barthel Index of ADL	Derived
BARTGP	(D) Unmet need: Person's dep - Barthel Index ADL, rec	Derived
BARTGP2	(D) Unmet need: Person's dep - Barthel Index ADL, rec 2	Derived
BARTHEL5	(D) Unmet need: Person's dep - Barthel 5 Item Index ADL	Derived
BART5GP	(D) Unmet need: Person's dep - Bart 5 Item Ix ADL, rec	Derived
BART5GP2	(D) Unmet need: Person's dep - Bart 5 Itm Ix ADL, rec 2	Derived
RECHELP	(D) Received help with ADLs/IADLs in the last month	Derived

Formal Help

Variable	Description	Source
HELPN21	Formal help provided: Home care helper/home help	Indiv
HELPN22	Formal help provided: A member of the reablement team helped	Indiv
HELPN23	Formal help provided: Occupational Therapist	Indiv
HELPN24	Formal help provided: Voluntary helper	Indiv
HELPN25	Formal help provided: Warden/Sheltered housing	Indiv
HELPN26	Formal help provided: Cleaner	Indiv
HELPN27	Formal help provided: Council's handyman	Indiv
HELPN28	Formal help provided: Other - please specify	Indiv
HELPN29	Formal help provided: None of these	Indiv
HLPFORM01	Formal help for bath: Home care worker/home help	Indiv
HLPFORM02	Formal help for bath: A member of the reablement team	Indiv
HLPFORM03	Formal help for bath: Occupational Therapist	Indiv

HLPFORM04	Formal help for bath: Voluntary helper	Indiv
HLPFORM05	Formal help for bath: Warden/Sheltered housing	Indiv
HLPFORM06	Formal help for bath: Cleaner	Indiv
HLPFORM07	Formal help for bath: Council's handyman	Indiv
HLPFORM08	Formal help for bath: Other	Indiv
HLPFORM09	Formal help for bath: None of the above	Indiv
HLPFORM10	Formal help ADLs apart from bath & toilet: Home care worker/home help	Indiv
HLPFORM11	Formal help ADLs apart from bath & toilet: A member of the reablement team	Indiv
HLPFORM12	Formal help ADLs apart from bath & toilet: Occupational Therapist	Indiv
HLPFORM13	Formal help ADLs apart from bath & toilet: Voluntary helper	Indiv
HLPFORM14	Formal help ADLs apart from bath & toilet: Warden/Sheltered housing	Indiv
HLPFORM15	Formal help ADLs apart from bath & toilet: Cleaner	Indiv
HLPFORM16	Formal help ADLs apart from bath & toilet: Council's handyman	Indiv
HLPFORM17	Formal help ADLs apart from bath & toilet: Other	Indiv
HLPFORM18	Formal help ADLs apart from bath & toilet: None of the above	Indiv
HLPFORM19	Formal help for indoor tasks: Home care worker/home help	Indiv
HLPFORM20	Formal help for indoor tasks: A member of the reablement team	Indiv
HLPFORM21	Formal help for indoor tasks: Occupational Therapist	Indiv
HLPFORM22	Formal help for indoor tasks: Voluntary helper	Indiv
HLPFORM23	Formal help for indoor tasks: Warden/Sheltered housing	Indiv
HLPFORM24	Formal help for indoor tasks: Cleaner	Indiv
HLPFORM25	Formal help for indoor tasks: Council's handyman	Indiv
HLPFORM26	Formal help for indoor tasks: Other	Indiv
HLPFORM27	Formal help for indoor tasks: None of the above	Indiv
HHELP	Whether more than one home care worker/home help/personal assistant in last month	Indiv
HHELPB	Whether different home care workers do the same or different tasks	Indiv
HHELPC	Tasks carried out by home care worker: First	Indiv
HHELPC2	Tasks carried out by home care worker: Second	Indiv
HHELPC3	Tasks carried out by home care worker: Third	Indiv
MOREHC	Whether more home care workers/home helps/personal assistants	Indiv
DHELPFOHC	(D) Home care worker helped with ADLs (tasks A-I)	Derived
DHELPFOOT	(D) Other formal helper helped with ADLs (tasks A-I)	Derived
DHELPFONO	(D) No formal helpers helped with ADLs (tasks A-I)	Derived
DANYFO	(D) Any formal helper helped with ADL tasks (A-I)	Derived
DHELPFOHCI	(D) Home care worker helped with IADLs (tasks J-M)	Derived
DHELPFOOTI	(D) Other formal helper helped with IADLs (tasks J-M)	Derived
DHELPFONOI	(D) No formal helpers helped with IADLs (tasks J-M)	Derived
DANYFOI	(D) Any formal helper helped with IADL tasks (J-M)	Derived

Informal help

Variable	Description	Source
HELPN01	Informal help provided: Husband/wife/partner	Indiv
HELPN02	Informal help provided: Son	Indiv
HELPN03	Informal help provided: Daughter	Indiv
HELPN04	Informal help provided: Grandchild	Indiv
HELPN05	Informal help provided: Brother/ sister	Indiv
HELPN06	Informal help provided: Niece/nephew	Indiv
HELPN07	Informal help provided: Mother / father	Indiv
HELPN08	Informal help provided: Other family member	Indiv
HELPN09	Informal help provided: Friend	Indiv
HELPN10	Informal help provided: Neighbour	Indiv
HELPN11	Informal help provided: None of these	Indiv
HLPINF01	Informal help for bath: Husband/wife/partner	Indiv
HLPINF02	Informal help for bath: Son	Indiv
HLPINF03	Informal help for bath: Daughter	Indiv
HLPINF04	Informal help for bath: Grandchild	Indiv
HLPINF05	Informal help for bath: Brother/sister	Indiv
HLPINF06	Informal help for bath: Niece/nephew	Indiv
HLPINF07	Informal help for bath: Mother/father	Indiv
HLPINF08	Informal help for bath: Other family member	Indiv
HLPINF09	Informal help for bath: Friend	Indiv
HLPINF10	Informal help for bath: Neighbour	Indiv
HLPINF11	Informal help for bath: None of the above	Indiv
HLPINF12	Informal help ADLs apart from bath & toilet: Husband/wife/partner	Indiv
HLPINF13	Informal help ADLs apart from bath & toilet: Son	Indiv
HLPINF14	Informal help ADLs apart from bath & toilet: Daughter	Indiv
HLPINF15	Informal help ADLs apart from bath & toilet: Grandchild	Indiv

HLPINF16	Informal help ADLs apart from bath & toilet: Brother/sister	Indiv
HLPINF17	Informal help ADLs apart from bath & toilet: Niece/nephew	Indiv
HLPINF18	Informal help ADLs apart from bath & toilet: Mother/father	Indiv
HLPINF19	Informal help ADLs apart from bath & toilet: Other family member	Indiv
HLPINF20	Informal help ADLs apart from bath & toilet: Friend	Indiv
HLPINF21	Informal help ADLs apart from bath & toilet: Neighbour	Indiv
HLPINF22	Informal help ADLs apart from bath & toilet: None of the above	Indiv
HLPINF23	Informal help for indoor tasks: Husband/wife/partner	Indiv
HLPINF24	Informal help for indoor tasks: Son	Indiv
HLPINF25	Informal help for indoor tasks: Daughter	Indiv
HLPINF26	Informal help for indoor tasks: Grandchild	Indiv
HLPINF27	Informal help for indoor tasks: Brother/sister	Indiv
HLPINF28	Informal help for indoor tasks: Niece/nephew	Indiv
HLPINF29	Informal help for indoor tasks: Mother/father	Indiv
HLPINF30	Informal help for indoor tasks: Other family member	Indiv
HLPINF31	Informal help for indoor tasks: Friend	Indiv
HLPINF32	Informal help for indoor tasks: Neighbour	Indiv
HLPINF33	Informal help for indoor tasks: None of the above	Indiv
DHELPINSP	(D) Spouse/partner helped with ADLs (tasks A-I)	Derived
DHELPINSO	(D) Son helped with ADLs (tasks A-I)	Derived
DHELPINDA	(D) Daughter helped with ADLs (tasks A-I)	Derived
DHELPINFN	(D) Freind/Neighbour helped with ADLs (tasks A-I)	Derived
DHELPINOT	(D) Other member of the family helped with ADLs (tasks A-I)	Derived
DHELPINNO	(D) No informal helpers helped with ADLs (tasks A-I)	Derived
DANYINF	(D) An informal helper helped with ADLs (tasks A-I)	Derived
DHELPINSPI	(D) Spouse/partner helped with IADLs (tasks J-M)	Derived
DHELPINSOI	(D) Son helped with IADLs (tasks J-M)	Derived
DHELPINDAI	(D) Daughter helped with IADLs (tasks J-M)	Derived
DHELPINFNI	(D) Friend/neighbour helped with IADLs (tasks J-M)	Derived
DHELPINOTI	(D) Other family member helped with IADLs (tasks J-M)	Derived
DHELPINNOI	(D) No informal helper helped with IADLs (tasks J-M)	Derived
DANYINFI	(D) An informal helper helped with IADLs (tasks J-M)	Derived
DADLTYP	(D) Who provided ADL help (informal/formal helpers, tasks A-I)	Derived
DIADLTYP	(D) Who provided IADL help (informal/formal helpers, tasks J-M)	Derived

Family helper information

Variable	Description	Source
HELPFAM	Spouse/partner: Whether lives in household	Indiv
NUMFAM	Spouse/partner: Person number	Indiv
SEXFAM	Spouse/partner: Sex	Indiv
HELPFAM2	Son: Whether lives in household	Indiv
NUMFAM2	Son: Person number	Indiv
SEXFAM2	Son: Sex	Indiv
HELPFAM3	2nd Son: Whether lives in household	Indiv
NUMFAM3	2nd Son: Person number	Indiv
SEXFAM3	2nd Son: Sex	Indiv
HELPFAM4	3rd Son: Whether lives in household	Indiv
NUMFAM4	3rd Son: Person number	Indiv
SEXFAM4	3rd Son: Sex	Indiv
HELPFAM5	Daughter: Whether lives in household	Indiv
NUMFAM5	Daughter: Person number	Indiv
SEXFAM5	Daughter: Sex	Indiv
HELPFAM6	2nd Daughter: Whether lives in household	Indiv
NUMFAM6	2nd Daughter: Person number	Indiv
SEXFAM6	2nd Daughter: Sex	Indiv
HELPFAM7	3rd Daughter: Whether lives in household	Indiv
NUMFAM7	3rd Daughter: Person number	Indiv
SEXFAM7	3rd Daughter: Sex	Indiv
HELPFAM8	Grandchild: Whether lives in household	Indiv
NUMFAM8	Grandchild: Person number	Indiv
SEXFAM8	Grandchild: Sex	Indiv
HELPFAM9	2nd Grandchild: Whether lives in household	Indiv
NUMFAM9	2nd Grandchild: Person number	Indiv
SEXFAM9	2nd Grandchild: Sex	Indiv
HELPFA10	3rd Grandchild: Whether lives in household	Indiv
NUMFAM10	3rd Grandchild: Person number	Indiv
SEXFAM10	3rd Grandchild: Sex	Indiv

HELPFA11	Brother/sister: Whether lives in household	Indiv
NUMFAM11	Brother/sister: Person number	Indiv
SEXFAM11	Brother/sister: Sex	Indiv
HELPFA12	2nd Brother/sister: Whether lives in household	Indiv
NUMFAM12	2nd Brother/sister: Person number	Indiv
SEXFAM12	2nd Brother/sister: Sex	Indiv
HELPFA13	3rd Brother/sister: Whether lives in household	Indiv
NUMFAM13	3rd Brother/sister: Person number	Indiv
SEXFAM13	3rd Brother/sister: Sex	Indiv
HELPFA15	Niece/nephew: Whether lives in household	Indiv
NUMFAM15	Niece/nephew: Person number	Indiv
SEXFAM15	Niece/nephew: Sex	Indiv
HELPFA16	2nd Niece/nephew: Whether lives in household	Indiv
NUMFAM16	2nd Niece/nephew: Person number	Indiv
SEXFAM16	2nd Niece/nephew: Sex	Indiv
HELPFA17	3rd Niece/nephew: Whether lives in household	Indiv
NUMFAM17	3rd Niece/nephew: Person number	Indiv
SEXFAM17	3rd Niece/nephew: Sex	Indiv
HELPFA18	Parent: Whether lives in household	Indiv
NUMFAM18	Parent: Person number	Indiv
SEXFAM18	Parent: Sex	Indiv
HELPFA19	Other parent: Whether lives in household	Indiv
NUMFAM19	Other parent: Person number	Indiv
SEXFAM19	Other parent: Sex	Indiv
HELPFA20	Other family member: Whether lives in household	Indiv
NUMFAM20	Other family member: Person number	Indiv
SEXFAM20	Other family member: Sex	Indiv
HELPFA21	Friend: Whether lives in household	Indiv
NUMFAM21	Friend: Person number	Indiv
SEXFAM21	Friend: Sex	Indiv
HELPFA22	2nd Friend: Whether lives in household	Indiv
NUMFAM22	2nd Friend: Person number	Indiv
SEXFAM22	2nd Friend: Sex	Indiv
HELPFA23	3rd Friend: Whether lives in household	Indiv
NUMFAM23	3rd Friend: Person number	Indiv
SEXFAM23	3rd Friend: Sex	Indiv
HELPFA24	Neighbour: Whether lives in household	Indiv
NUMFAM24	Neighbour: Person number	Indiv
SEXFAM24	Neighbour: Sex	Indiv
HELPFA25	2nd Neighbour: Whether lives in household	Indiv
NUMFAM25	2nd Neighbour: Person number	Indiv
SEXFAM25	2nd Neighbour: Sex	Indiv
HELPFA26	3rd Neighbour: Whether lives in household	Indiv
NUMFAM26	3rd Neighbour: Person number	Indiv
SEXFAM26	3rd Neighbour: Sex	Indiv

Amount of time helped - formal

Variable	Description	Source
HRSFORM27	Hours of help received in last week: Home care worker/home help/personal assistant	Indiv
HRSFORM28	Hours of help received in last week: 2nd home care worker/home help/personal assistant	Indiv
HRSFORM29	Hours of help received in last week: 3rd home care worker/home help/personal assistant	Indiv
HRSFORM30	Hours of help received in last week: Member of the reablement/intermediate care staff team	Indiv
HRSFORM31	Hours of help received in last week: Occupational therapist/physiotherapist	Indiv
HRSFORM32	Hours of help received in last week: Voluntary helper	Indiv
HRSFORM33	Hours of help received in last week: Warden/sheltered housing manager	Indiv
HRSFORM34	Hours of help received in last week: Cleaner	Indiv
HRSFORM35	Hours of help received in last week: Council's handyman	Indiv
HRSFORM36	Hours of help received in last week: Other	Indiv
HLPHRSF27G9	Grouped hours of formal help received in last week (9 groups): Home care worker/home help/personal assistant	Indiv
HLPHRSF28G9	Grouped hours of formal help received in last week(9 groups) : 2nd home care worker/home help/personal assistant	Indiv
HLPHRSF29G9	Grouped hours of formal help received in last week(9 groups) : 3rd home care worker/home help/personal assistant	Indiv
HLPHRSF30G9	Grouped hours of formal help received in last week(9 groups) : Member of the reablement/intermediate care staff team	Indiv
HLPHRSF31G9	Grouped hours of formal help received in last week(9 groups) : Occupational therapist/physiotherapist	Indiv

HLPHRSF32G9	Grouped hours of formal help received in last week(9 groups) : Voluntary helper	Indiv
HLPHRSF33G9	Grouped hours of formal help received in last week(9 groups) : Warden/sheltered housing manager	Indiv
HLPHRSF34G9	Grouped hours of formal help received in last week(9 groups) : Cleaner	Indiv
HLPHRSF35G9	Grouped hours of formal help received in last week(9 groups) : Council's handyman	Indiv
HLPHRSF36G9	Grouped hours of formal help received in last week(9 groups) : Other	Indiv
HLPHRSF27G3	Grouped hours of formal help received in last week(3 groups) : Home care worker/home help/personal assistant	Indiv
HLPHRSF28G3	Grouped hours of formal help received in last week(3 groups) : 2nd home care worker/home help/personal assistant	Indiv
HLPHRSF29G3	Grouped hours of formal help received in last week(3 groups) : 3rd home care worker/home help/personal assistant	Indiv
HLPHRSF30G3	Grouped hours of formal help received in last week(3 groups) : Member of the reablement/intermediate care staff team	Indiv

Amount of time helped - Informal

Variable	Description	Source
HLPHRSI01G9	Grouped hours of informal help received in last week(9 groups) : Husband/wife/partner	Indiv
HLPHRSI02G9	Grouped hours of informal help received in last week(9 groups) : Son	Indiv
HLPHRSI03G9	Grouped hours of informal help received in last week(9 groups) : 2nd son	Indiv
HLPHRSI04G9	Grouped hours of informal help received in last week(9 groups) : 3rd son	Indiv
HLPHRSI05G9	Grouped hours of informal help received in last week(9 groups) : Daughter	Indiv
HLPHRSI06G9	Grouped hours of informal help received in last week(9 groups) : 2nd daughter	Indiv
HLPHRSI07G9	Grouped hours of informal help received in last week(9 groups) : 3rd daughter	Indiv
HLPHRSI08G9	Grouped hours of informal help received in last week(9 groups) : Grandchild	Indiv
HLPHRSI09G9	Grouped hours of informal help received in last week(9 groups) : 2nd grandchild	Indiv
HLPHRSI10G9	Grouped hours of informal help received in last week(9 groups) : 3rd grandchild	Indiv
HLPHRSI11G9	Grouped hours of informal help received in last week(9 groups) : brother/sister	Indiv
HLPHRSI12G9	Grouped hours of informal help received in last week(9 groups) : 2nd brother/sister	Indiv
HLPHRSI13G9	Grouped hours of informal help received in last week(9 groups) : 3rd brother/sister	Indiv
HLPHRSI15G9	Grouped hours of informal help received in last week(9 groups) : Niece/nephew	Indiv
HLPHRSI16G9	Grouped hours of informal help received in last week(9 groups) : 2nd niece/nephew	Indiv
HLPHRSI17G9	Grouped hours of informal help received in last week(9 groups) : 3rd niece/nephew	Indiv
HLPHRSI18G9	Grouped hours of informal help received in last week(9 groups) : Parent	Indiv
HLPHRSI19G9	Grouped hours of informal help received in last week(9 groups) : Other parent	Indiv
HLPHRSI20G9	Grouped hours of informal help received in last week(9 groups) : Other family member	Indiv
HLPHRSI21G9	Grouped hours of informal help received in last week(9 groups) : Friend	Indiv
HLPHRSI22G9	Grouped hours of informal help received in last week(9 groups) : 2nd friend	Indiv
HLPHRSI23G9	Grouped hours of informal help received in last week(9 groups) : 3rd friend	Indiv
HLPHRSI24G9	Grouped hours of informal help received in last week(9 groups) : Neighbour	Indiv
HLPHRSI25G9	Grouped hours of informal help received in last week(9 groups) : 2nd neighbour	Indiv
HLPHRSI26G9	Grouped hours of informal help received in last week(9 groups) : 3rd neighbour	Indiv
HLPHRSI01G3	Grouped hours of informal help received in last week(3 groups) : Husband/wife/partner	Indiv
HLPHRSI02G3	Grouped hours of informal help received in last week(3 groups) : Son	Indiv
HLPHRSI03G3	Grouped hours of informal help received in last week(3 groups) : 2nd son	Indiv
HLPHRSI04G3	Grouped hours of informal help received in last week(3 groups) : 3rd son	Indiv
HLPHRSI05G3	Grouped hours of informal help received in last week(3 groups) : Daughter	Indiv
HLPHRSI06G3	Grouped hours of informal help received in last week(3 groups) : 2nd daughter	Indiv
HLPHRSI07G3	Grouped hours of informal help received in last week(3 groups) : 3rd daughter	Indiv
HLPHRSI08G3	Grouped hours of informal help received in last week(3 groups) : Grandchild	Indiv
HLPHRSI09G3	Grouped hours of informal help received in last week(3 groups) : 2nd grandchild	Indiv
HLPHRSI10G3	Grouped hours of informal help received in last week(3 groups) : 3rd grandchild	Indiv
HLPHRSI11G3	Grouped hours of informal help received in last week(3 groups) : brother/sister	Indiv
HLPHRSI12G3	Grouped hours of informal help received in last week(3 groups) : 2nd brother/sister	Indiv
HLPHRSI13G3	Grouped hours of informal help received in last week(3 groups) : 3rd brother/sister	Indiv
HLPHRSI15G3	Grouped hours of informal help received in last week(3 groups) : Niece/nephew	Indiv
HLPHRSI16G3	Grouped hours of informal help received in last week(3 groups) : 2nd niece/nephew	Indiv
HLPHRSI17G3	Grouped hours of informal help received in last week(3 groups) : 3rd niece/nephew	Indiv
HLPHRSI18G3	Grouped hours of informal help received in last week(3 groups) : Parent	Indiv
HLPHRSI19G3	Grouped hours of informal help received in last week(3 groups) : Other parent	Indiv
HLPHRSI20G3	Grouped hours of informal help received in last week(3 groups) : Other family member	Indiv
HLPHRSI21G3	Grouped hours of informal help received in last week(3 groups) : Friend	Indiv
HLPHRSI22G3	Grouped hours of informal help received in last week(3 groups) : 2nd friend	Indiv
HLPHRSI23G3	Grouped hours of informal help received in last week(3 groups) : 3rd friend	Indiv
HLPHRSI24G3	Grouped hours of informal help received in last week(3 groups) : Neighbour	Indiv
HLPHRSI25G3	Grouped hours of informal help received in last week(3 groups) : 2nd neighbour	Indiv
HLPHRSI26G3	Grouped hours of informal help received in last week(3 groups) : 3rd neighbour	Indiv

Payment for care

Variable	Description	Source
WHODEAL	Person who usually manages paying care provider	Indiv
HAVEDP1	Receives direct payments for care	Indiv
HAVEDP2	Council manages money for care	Indiv
HAVEDP3	Neither direct payments nor council manages money for care	Indiv
PERSB	Whether has Personal Budget	Indiv
INCASS	Whether had local authority/council income assessment or been means tested	Indiv
ANYPAY	Whether respondent or partner pays for formal help provided through LA	Indiv
PAYAMT1	Amount of money paid for formal help provided through LA	ndiv
PAYFREQ1	Reference period for amount paid for formal help through LA	ndiv
ALLCOST	Whether payment covers all or some of costs for formal help provided through LA	Indiv
HOWPAY1	How formal help costs (through LA) usually paid for: Personal income, savings, pension or benefit (such as Attendance Allowance)	Indiv
HOWPAY2	How formal help costs (through LA) usually paid for: Direct Payment/ Personal or Individual Budget from the Local Authority/ council	Indiv
HOWPAY3	How formal help costs (through LA) usually paid for: Another source	Indiv
ADDPAY1	Other contributions to cost of formal care (provided through LA): Local authority/council/social services	Indiv
ADDPAY2	Other contributions to cost of formal care (provided through LA): Family members own money	Indiv
ADDPAY3	Other contributions to cost of formal care (provided through LA): Other	Indiv
ADDPAY4	Other contributions to cost of formal care (provided through LA): No one else	Indiv
LAPAY1	Formal help paid directly by local authority/social services or council	Indiv
LAPAY2	Formal help provided through LA paid by Direct Payment or Personal Budget	Indiv
LAAMT1	Amount of money paid for formal help provided through LA	Indiv
LAFREQ1	Frequency of payment from direct payment/personal budget for formal help (through LA)	Indiv
NOPAY1	Reason no payment made for formal help (through LA): Provided help for free/no charge for service	Indiv
NOPAY2	Reason no payment made for formal help (through LA): Simetimes give them money or gifts	Indiv
NOPAY3	Reason no payment made for formal help (through LA): Other reason	Indiv
ANYPAY2	Whether respondent or partner pays for formal help not provided through LA or informal care (20+ hours in last week)	Indiv
PAYAMT2	Amount of money paid for formal help not provided through LA or informal care (20+ hours in last week)	Indiv
PAYFREQ2	Reference period for amount paid for help not provided through LA or informal care (20+ hours in last week)	Indiv
ALLCOST2	Whether payment covers all or some of costs for formal help not provided through LA or informal care (20+ hours in last week)	Indiv
HOWPAY4	How formal help costs (not through LA) or informal care (20+ hours) usually paid for: Personal income, savings, pension or benefit (such as Attendance Allowance)	Indiv
HOWPAY5	How formal help costs (not through LA) or informal care (20+ hours) usually paid for: Direct Payment/ Personal or Individual Budget from the Local Authority/ council	Indiv
HOWPAY6	How formal help costs (not through LA) or informal care (20+ hours) usually paid for: Another source	Indiv
ADDPAY5	Other contributions to cost of formal care (not through LA) or informal care (20+ hours): Local authority/council/social services	Indiv
ADDPAY6	Other contributions to cost of formal care (not through LA) or informal care (20+ hours): Family members own money	Indiv
ADDPAY7	Other contributions to cost of formal care (not through LA) or informal care (20+ hours): Other	Indiv
ADDPAY8	Other contributions to cost of formal care (not through LA) or informal care (20+ hours): No one else	Indiv
LAPAY3	Formal care (not through LA) or informal help (20+ hours in last week) paid directly by local authority/social services or council	Indiv
LAPAY4	Formal care (not through LA) or informal help (20+ hours in last week) paid by Direct Payment or Personal Budget	Indiv
LAAMT2	Amount of money paid from direct payment/personal budget for formal care (not through la) or informal care (20+ hours)	Indiv
LAFREQ2	Frequency of payment from direct payment/personal budget for formal care (not through la) or informal care (20+ hours)	Indiv
NOPAY4	Reason no payment made for formal care (not through la) or informal care (20+ hours): provided help for free/no charge for service	Indiv
NOPAY5	Reason no payment made for formal care (not through la) or informal care (20+ hours): simetimes give them money or gifts	Indiv
NOPAY6	Reason no payment made for formal care (not through la) or informal care (20+ hours): other reason	Indiv
ANYPAY3	Whether respondent or partner pays for help from additional provider	Indiv
PAYAMT3	Amount of money paid for help from additional provider	Indiv
PAYFREQ3	Reference period for amount paid for help from additional provider	Indiv

ALLCOST3	Whether payment covers all or some of costs for help from additional provider	Indiv
HOWPAY7	How additional provider help costs usually paid for: Personal income, savings, pension or benefit (such as Attendance Allowance)	Indiv
HOWPAY8	How additional provider help costs usually paid for: Direct Payment/ Personal or Individual Budget from the Local Authority/ council	Indiv
HOWPAY9	How additional provider help costs usually paid for: Another source	Indiv
ADDPAY9	Other contributions to cost of additional provider care: Local authority/council/social services	Indiv
ADDPAY10	Other contributions to cost of additional provider care: Family members own money	Indiv
ADDPAY11	Other contributions to cost of additional provider care: Other	Indiv
ADDPAY12	Other contributions to cost of additional provider care: No one else	Indiv
LAPAY5	Additional provider care paid directly by local authority/social services or council	Indiv
LAPAY6	Additional provider care paid by Direct Payment or Personal Budget	Indiv
LAAMT3	Amount of money paid from direct payment/personal budget for additional provider help costs	Indiv
LAFREQ3	Frequency of payment from direct payment/personal budget for additional provider help costs	Indiv
NOPAY7	Reason no payment made for additional provider help costs: Provided help for free/no charge for service	Indiv
NOPAY8	Reason no payment made for additional provider help costs: Simetimes give them money or gifts	Indiv
NOPAY9	Reason no payment made for additional provider help costs: Other reason	Indiv
LACARE	(D) Payment arrangement for care	Derived

How help was arranged

Variable	Description	Source
LAHELP01	How help from homecare worker was arranged (only one homecare worker)	Indiv
LAHELP02	How help from 1st homecare worker was arranged	Indiv
LAHELP03	How help from 2nd homecare worker was arranged	Indiv
LAHELP04	How help from 3rd homecare worker was arranged	Indiv
LAHELP05	How help from reablement team was arranged	Indiv
LAHELP06	How help from occupational therapist/physiotherapist was arranged	Indiv
LAHELP07	How help from voluntary worker was arranged	Indiv
LAHELP08	How help from warden/sheltered housing manager was arranged	Indiv
LAHELP09	How help from cleaner was arranged	Indiv
LAHELP10	How help from council handyman was arranged	Indiv
LAHELP11	How help from other source was arranged	Indiv

Use of care services

Variable	Description	Source
WHOANS	Whether respondent answered on own	Indiv
MEALPROV	Whether regularly had main meals provided in last month	Indiv
MEALS1	Who provided meals: Meals on Wheels	Indiv
MEALS2	Who provided meals: Private frozen meal provider	Indiv
MEALS3	Who provided meals: Family/friend/neighbour	Indiv
MEALS4	Who provided meals: Other	Indiv
MEALS5	Who provided meals: None of these	Indiv
LNCHCLUB	Whether attended lunch club run by council or voluntary body in last month	Indiv
DAYCEN	Whether attended Day Centre in last month	Indiv

Identifying care providers

Variable	Description	Source
PROVHLP	Whether personally provided help to anyone with long-term physical/mental ill-health, disability or problems relating to old age in last month	Indiv
CHECKHLP	Confirm help is because person/people have long-term physical/mental ill-health, disability or problems relating to old age	Indiv
HELPNO	Number of people provide help to	Indiv
NUMCOLD	Computed number of people 65+ cared for	Indiv
NUMCYNG	Computed number of people aged up to 64 cared for	Indiv

Carers information

Variable	Description	Source
PR1REL	Carers relationship to person they help	Indiv

PRHHOLD	Whether carer lives in same or different household	Indiv
NUMHLP	Person number they help	Indiv
AGEHLP	Age of person they help	Indiv
GENDHLP	Sex of person they help	Indiv
PR2REL	Carers relationship to 2nd person they help	Indiv
PRHHOLD2	Whether carer lives in same or different household to 2nd person they help	Indiv
NUMHLP2	Person number of 2nd person they help	Indiv
AGEHLP2	Age of person 2nd person they help	Indiv
GENDHLP2	Sex of person 2nd person they help	Indiv
PR3REL	Carers relationship to 3rd person they help	Indiv
PRHHOLD3	Whether carer lives in same or different household to 3rd person they help	Indiv
NUMHLP3	Person number of 3rd person they help	Indiv
AGEHLP3	Age of 3rd person they help	Indiv
GENDHLP3	Sex of person 3rd person they help	Indiv
SPOUSE	(D) To whom provided unpaid care to in last month: spouse	Derived
PARENT	(D) To whom provided unpaid care to in last month: parent	Derived
SON	(D) To whom provided unpaid care to in last month: son	Derived
DAUGHTER	(D) To whom provided unpaid care to in last month: daughter	Derived
GPARENT	(D) To whom provided unpaid care to in last month: grandparent	Derived
BROSIS	(D) To whom provided unpaid care to in last month: brother/sister	Derived
OFAM	(D) To whom provided unpaid care to in last month: other family member	Derived
FRIEND	(D) To whom provided unpaid care to in last month: friend	Derived
NEIGH	(D) To whom provided unpaid care to in last month: neighbour	Derived
VOLHLP	(D) To whom provided unpaid care to in last month: someone I help as voluntary helper	Derived
OTHER	(D) To whom provided unpaid care to in last month: other person	Derived
GAVEHLP	(D) Provided help - binary	Derived
HELPNUM	(D) Number provided help to - grouped	Derived
HHOLD3	(D) Household of helper(s) providing care	Derived

Carers time

Variable	Description	Source
PRHOURS	Hours helped 1st person in the last week	Indiv
PRHOURSB	Hours helped 1st person in the last week (3 groups)	Indiv
PRUSHRS	Hours helped 1st person in a usual week	Indiv
PRHOURS2	Hours helped 2nd person in the last week	Indiv
PRHOURS3	Hours helped 2nd person in the last week (3 groups)	Indiv
PRUSHRS2	Hours helped 2nd person in a usual week	Indiv
PRHOURS4	Hours helped 3rd person in the last week	Indiv
PRHOURS5	Hours helped 3rd person in the last week (3 groups)	Indiv
PRUSHRS3	Hours helped 3rd person in a usual week	Indiv
PRALLHOUR	Number of hours spent helping in last week	Indiv
PRALLRNG	Number of hours spent helping in last week (8 groups)	Indiv
SPHR6	(D) Grouped spouse hours who helped (6 groups, 50+)	Derived
SPHR10	(D) Grouped spouse hours who helped (4 groups, 10+)	Derived
SPHR20	(D) Grouped spouse hours who helped (4 groups, 20+)	Derived
SOHR6	(D) Grouped, hours of help provided in the last week by son who helped the most (6 groups, 50+)	Derived
SOHR10	(D) Grouped, hours of help provided in the last week by son who helped the most (4 groups, 10+)	Derived
SOHR20	(D) Grouped, hours of help provided in the last week by son who helped the most (4 groups, 20+)	Derived
SONHRS	(D) Grouped, hours of help provided in the last week by the son who helped the most (9 groups)	Derived
SONMOST	(D) Son who provided the most hours of care	Derived
DAHR6	(D) Grouped, hours of help provided in the last week by daughter who helped the most (6 groups, 50+)	Derived
DAHR10	(D) Grouped, hours of help provided in the last week by daughter who helped the most (4 groups, 10+)	Derived
DAHR20	(D) Grouped, hours of help provided in the last week by daughter who helped the most (4 groups, 20+)	Derived
DAHRS	(D) Grouped, hours of help provided in the last week by daughter who helped the most (9 groups)	Derived
DAMOST	(D) Daughter who provided the most hours of care	Derived
OTHR6	(D) Grouped, hours of help provided in the last week by other family member who helped the most (6 groups, 50+)	Derived
OTHR10	(D) Grouped, hours of help provided in the last week by other family member who helped the most (4 groups, 10+)	Derived

OTHR20	(D) Grouped, hours of help provided in the last week by other family member who helped the most (4 groups, 20+)	Derived
OTHRS	(D) Grouped, hours of help provided in the last week by other family member who helped the most (9 groups)	Derived
OTMOST	(D) Other familly member who provided most hours of care	Derived
FNHR6	(D) Grouped, hours of help provided in the last week by friend or neighbour who helped the most (6 groups, 50+)	Derived
FNHR10	(D) Grouped, hours of help provided in the last week by friend or neighbour who helped the most (4 groups, 10+)	Derived
FNHR20	(D)Grouped, hours of help provided in the last week by friend or neighbour who helped the most (4 groups, 20+)	Derived
FNHRS	(D) Grouped, hours of help provided in the last week by friend or neighbour who helped the most (9 groups)	Derived
FNMOST	(D) Other friend or neighbour who provided most hours of care	Derived
HCHR6	(D) Home care worker hours of help (grouped)	Derived
HCHR10	(D) Home care worker 10+ hours of help	Derived
HCHR20	(D) Home care worker 20+ hours of help	Derived
HCMOST	(D) Home care worker who gave most hours of care	Derived
HCHRS1	(D) Hours of help provided in the last week by home care worker who helped the most	Derived
HCHRS	(D) Grouped hours of help, for home care worker who helped the most	Derived
GRPHRS6	(D) Grouped hours provided(for care receipient for whom most hours provided)	Derived
GRPHRS10	(D) 10+ hours provided (for care recipient for whom most hours provided)	Derived
GRPHRS20	(D) 20+ hours provided (for care recipient for whom most hours provided)	Derived

Carers tasks

Variable	Description	Source
PRTASK1	Task helped care recipient 1 with: Bed	Indiv
PRTASK2	Task helped care recipient 1 with: Washing	Indiv
PRTASK3	Task helped care recipient 1 with: Bath/shower	Indiv
PRTASK4	Task helped care recipient 1 with: Dressing	Indiv
PRTASK5	Task helped care recipient 1 with: Toilet	Indiv
PRTASK6	Task helped care recipient 1 with: Eating	Indiv
PRTASK7	Task helped care recipient 1 with: Medicine	Indiv
PRTASK8	Task helped care recipient 1 with: Indoors	Indiv
PRTASK9	Task helped care recipient 1 with: Stairs	Indiv
PRTASK10	Task helped care recipient 1 with: Getting out of the house	Indiv
PRTASK11	Task helped care recipient 1 with: Shopping	Indiv
PRTASK12	Task helped care recipient 1 with: Housework	Indiv
PRTASK13	Task helped care recipient 1 with: Paperwork	Indiv
PRTASK14	Task helped care recipient 2 with: Bed	Indiv
PRTASK15	Task helped care recipient 2 with: Washing	Indiv
PRTASK16	Task helped care recipient 2 with: Bath/shower	Indiv
PRTASK17	Task helped care recipient 2 with: Dressing	Indiv
PRTASK18	Task helped care recipient 2 with: Toilet	Indiv
PRTASK19	Task helped care recipient 2 with: Eating	Indiv
PRTASK20	Task helped care recipient 2 with: Medicine	Indiv
PRTASK21	Task helped care recipient 2 with: Indoors	Indiv
PRTASK22	Task helped care recipient 2 with: Stairs	Indiv
PRTASK23	Task helped care recipient 2 with: Getting out of the house	Indiv
PRTASK24	Task helped care recipient 2 with: Shopping	Indiv
PRTASK25	Task helped care recipient 2 with: Housework	Indiv
PRTASK26	Task helped care recipient 2 with: Paperwork	Indiv
PRTASK27	Task helped care recipient 3 with: Bed	Indiv
PRTASK28	Task helped care recipient 3 with: Washing	Indiv
PRTASK29	Task helped care recipient 3 with: Bath/shower	Indiv
PRTASK30	Task helped care recipient 3 with: Dressing	Indiv
PRTASK31	Task helped care recipient 3 with: Toilet	Indiv
PRTASK32	Task helped care recipient 3 with: Eating	Indiv
PRTASK33	Task helped care recipient 3 with: Medicine	Indiv
PRTASK34	Task helped care recipient 3 with: Indoors	Indiv
PRTASK35	Task helped care recipient 3 with: Stairs	Indiv
PRTASK36	Task helped care recipient 3 with: Getting out of the house	Indiv
PRTASK37	Task helped care recipient 3 with: Shopping	Indiv
PRTASK38	Task helped care recipient 3 with: Housework	Indiv
PRTASK39	Task helped care recipient 3 with: Paperwork	Indiv
REC1PAY1	Receive money for helping recipient 1: Yes, paid from income /savings/ pension	Indiv
REC1PAY2	Receive money for helping recipient 1: Yes, paid from personal budget/ direct payment	Indiv
REC1PAY3	Receive money for helping recipient 1: Yes, receive carers allowance	Indiv

REC1PAY4	Receive money for helping recipient 1: Yes, receive money in another way	Indiv
REC1PAY5	Receive money for helping recipient 1: No, receive no money for helping	Indiv
REC2PAY1	Receive money for helping recipient 2: Yes, paid from income /savings/ pension	Indiv
REC2PAY2	Receive money for helping recipient 2: Yes, paid from personal budget/ direct payment	Indiv
REC2PAY3	Receive money for helping recipient 2: Yes, receive carers allowance	Indiv
REC2PAY4	Receive money for helping recipient 2: Yes, receive money in another way	Indiv
REC2PAY5	Receive money for helping recipient 2: No, receive no money for helping	Indiv
REC3PAY1	Receive money for helping recipient 3: Yes, paid from income /savings/ pension	Indiv
REC3PAY2	Receive money for helping recipient 3: Yes, paid from personal budget/ direct payment	Indiv
REC3PAY3	Receive money for helping recipient 3: Yes, receive carers allowance	Indiv
REC3PAY4	Receive money for helping recipient 3: Yes, receive money in another way	Indiv
REC3PAY5	Receive money for helping recipient 3: No, receive no money for helping	Indiv
REC1PFRQ	Frequency receive payment for helping recipient 1	Indiv
REC2PFRQ	Frequency receive payment for helping recipient 2	Indiv
REC3PFRQ	Frequency receive payment for helping recipient 3	Indiv
MEDICINE	(D) Helped with task : medicine	Derived
BATH	(D) Helped with task : bathing	Derived
DRESS	(D) Helped with task : dressing	Derived
BED	(D) Helped with task: bed	Derived
INDOORS	(D) Helped with task: indoors	Derived
STAIRS	(D) Helped with task: stairs	Derived
EAT	(D) Helped with task: eating	Derived
TOILET	(D) Helped with task: toilet	Derived
WASH	(D) Helped with task: washing	Derived
SHOP	(D) Helped with task: shopping	Derived
HWORK	(D) Helped with task: housework	Derived
OUTHOU	(D) Helped with task: getting out of the house	Derived
PWORK	(D) Helped with task: paperwork	Derived

Carers support

Variable	Description	Source
SUPPORT1	Carer received help from GP or nurse (P1)	Indiv
SUPPORT2	Carer received help from access to respite care (P1)	Indiv
SUPPORT3	Carer received help from professional care staff (P1)	Indiv
SUPPORT4	Carer received help from carers' organisation or charity (P1)	Indiv
SUPPORT5	Carer received help from other family members (P1)	Indiv
SUPPORT6	Carer received help from LA/social services (P1)	Indiv
SUPPORT7	Carer received help from friends/neighbours (P1)	Indiv
SUPPORT8	Carer received no help from these types of support (P1)	Indiv
SUPPORT9	Carer received help from GP or nurse (P2)	Indiv
SUPPOR10	Carer received help from access to respite care (P2)	Indiv
SUPPOR11	Carer received help from professional care staff (P2)	Indiv
SUPPOR12	Carer received help from carers' organisation or charity (P2)	Indiv
SUPPOR13	Carer received help from other family members (P2)	Indiv
SUPPOR14	Carer received help from LA/social services (P2)	Indiv
SUPPOR15	Carer received help from friends/neighbours (P2)	Indiv
SUPPOR16	Carer received no help from these types of support (P2)	Indiv
SUPPOR17	Carer received help from GP or nurse (P2)	Indiv
SUPPOR18	Carer received help from access to respite care (P3)	Indiv
SUPPOR19	Carer received help from professional care staff (P3)	Indiv
SUPPOR20	Carer received help from carers' organisation or charity (P3)	Indiv
SUPPOR21	Carer received help from other family members (P3)	Indiv
SUPPOR22	Carer received help from LA/social services (P3)	Indiv
SUPPOR23	Carer received help from friends/neighbours (P3)	Indiv
SUPPOR24	Carer received no help from these types of support (P3)	Indiv

Carers health

Variable	Description	Source
HEALTHA1	Tired because of help given (last 3 months)	Indiv
HEALTHA2	Depressed because of help given (last 3 months)	Indiv
HEALTHA3	Loss of appetite because of help given (last 3 months)	Indiv
HEALTHA4	Disturbed sleep because of help given (last 3 months)	Indiv
HEALTHA5	General stress because of help given (last 3 months)	Indiv
HEALTHA6	Physical strain because of help given (last 3 months)	Indiv
HEALTHA7	Short tempered because of help given (last 3 months)	Indiv

HEALTHA8	Developed health condition because of help given (last 3 months)	Indiv
HEALTHA9	Made existing condition worse because of help given (last 3 months)	Indiv
HEALTH10	Other health affect because of help given (last 3 months)	Indiv
HEALTH11	No health affect because of help given (last 3 months)	Indiv
HEALTHGP	Whether seen GP due to health being affected by support given to people	Indiv
HLTHEMP1	Left employment because of help given	Indiv
HLTHEMP2	Took new job because of help given	Indiv
HLTHEMP3	Worked fewer hours because of help given	Indiv
HLTHEMP4	Reduced responsibility at work because of help given	Indiv
HLTHEMP5	Flexible employment agreed because of help given	Indiv
HLTHEMP6	Changed to work at home because of help given	Indiv
HLTHEMP7	Other employment affect because of help given	Indiv
HLTHEMP8	Employment not affected because of help given	Indiv
LAASS	Whether Local Authority carried out carer's assessment as a result of help given to people	Indiv
EMPNOTAFF	(D) Employment not affected	Derived

Urine

Admin

Variable	Description	Source
URIINTRO	Consent to take urine sample	Nurse
URIOBT1	Whether urine sample obtained	Nurse
URINOBT3	Sample not obtained: Not able to produce any urine	Nurse
URINOBT4	Sample not obtained: Other	Nurse
UROUT	Urine sample outcome	Nurse

Measurements

Variable	Description	Source
SODIUM	Sodium result	Lab
SODIUMQ	Sodium quality	Lab
SODIUMVAL	(D) Valid Sodium Result	Derived
POTASS	Potassium result	Lab
POTASSQ	Potassium quality	Lab
CREATIN	Creatinine result	Lab
CREATINQ	Creatinine quality	Lab

Health Survey for England

Health, social care and lifestyles

2014

Derived Variable Specification

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Classification

Household

HHDTYPB: (D) Household Type
1. 1 adult aged 16-59, no children
2. 2 adults, both 16-59, no children
3. Small family
4. Large family
5. Large adult household
6. 2 adults, 1 or both aged 60+, no children
7. 1 adult, aged 60+, no children

Code -9 is applied to households where information about the age of individuals is missing. HHDTYPB is defined using the file of all people in productive households, then matched back to the file of productive individuals.

```
SPSS Syntax

RECODE age (16 thru 59=1)(ELSE=0) INTO ad1659.
COMPUTE ch015=children+infants.
RECODE age (60 thru hi=1)(ELSE=0) INTO ad60.
AGGREGATE OUTFILE="I:\Workdocs\HSE\DATA\HSE2012\Secure\Data Manager\3 Derived 12\Dv data\Intermediate
Datasets\hhdtypb.sav"
 /break=serialh adults ch015
 /adyoung=SUM(ad1659)
 /adold=SUM(ad60).
GET FILE="I:\Workdocs\HSE\DATA\HSE2012\Secure\Data Manager\3 Derived 12\Dv data\Intermediate
Datasets\hhdtypb.sav".
COMPUTE hhdtypb=-9.
IF adults=1 & adyoung=1 & ch015=0 hhdtypb=1.
IF adults=2 & adyoung=2 & ch015=0 hhdtypb=2.
IF adults=1 & adold=1 & ch015=0 hhdtypb=7.
IF adults=2 & adold>=1 & ch015=0 hhdtypb=6.
IF ANY(adults,1,2) & ANY(ch015,1,2) hhdtypb=3.
IF adults>=3 & ANY(ch015,0,1) hhdtypb=5.
IF (adults>=1 & ch015>=3) | (adults>=3 & ch015=2) hhdtypb=4.
VARIABLE LABELS hhdtypb "(D) Household Type".
VALUE LABELS hhdtypb
  1 "1 adult aged 16-59, no children"
  2 "2 adults, both 16-59, no children"
  3 "Small family"
  4 "Large family"
  5 "Large adult household"
  6 "2 adults, 1 or both aged 60+, no children"
  7 "1 adult, aged 60+, no children".
exe.
```

ORIGIN2 (D) Grouped ethnic categories
1 White
2 Black
3 Asian
4 Mixed/ multiple ethnic background
5 Any other ethnic group

```
SPSS Syntax
recode origin (1 thru 4 = 1) (14 thru 16 = 2) (5 thru 8 = 4) (9 thru 13 = 3)  (17 thru 18 = 5) (lo thru -
1=COPY) INTO origin2.
VARIABLE LABELS origin2 "(D) grouped ethnic categories".
VALUE LABELS origin2 1 "White" 2 "Black" 3 "Asian" 4 "Mixed/multiple ethnic background" 5 "Any other
ethnic group".

cro/tables = origin by origin2.
```

AG16G10: (D) Age 16-75+ in ten year bands
1. 16-24
2. 25-34
3. 35-44
4. 45-54
5. 55-64
6. 65-74
7. 75+

```
RECODE  age  (16 thru 24=1)  (25 thru 34=2)  (35 thru 44=3)
  (45 thru 54=4)  (55 thru 64=5)  (65 thru 74=6) (75 thru Hi=7)
  (0 thru 15=-1)  INTO  ag16g10 .
VALUE LABELS ag16g10
  1 "16-24"
  2 "25-34"
  3 "35-44"
  4 "45-54"
  5 "55-64"
  6 "65-74"
  7 "75+".
VARIABLE LABEL ag16g10 "(D) Age 16+ in ten year bands".
```

AG16G20: (D) Age 16-55+ in twenty year bands

     1   16-34
     2   35-54
     3   55+

```
RECODE  age  (16 thru 34=1)  (35 thru 54=2)  (55 thru hi=3)
  (0 thru 15=-1)  INTO  ag16g20 .
VALUE LABELS ag16g20
  1 "16-34"
  2 "35-54"
  3 "55+".
VARIABLE LABEL ag16g20 "(D) Age 16+ in twenty year age bands".
```

AG1665G10: (D) Age 16-65+ in ten year age bands

     1 16-24
     2 25-34
     3 35-44
     4 45-54
     5 55-64
     6 65+

```
RECODE   age  (65 thru HI=6)  (55 thru 65=5) (45 thru 55=4) (35 thru 45=3) (25 thru 35=2) (16 thru 25=1) (0
thru 16=-1) (-9 thru -1=copy)   INTO  ag1665g10. .
VALUE LABELS ag1665g10
 1 "16-24"
 2 "25-34"
 3 "35-44"
 4 "45-54"
 5 "55-64"
 6 "65+".
VARIABLE LABELS Ag1665g10 "(D) Age 16-65+ in ten year age bands".
```

AG16G3: (D) Grouped age (3)

     1 16-44
     2 45-64
     3 65+

```
recode age (16 thru 44=1) (45 thru 64=2) (65 thru hi=3) into ag16g3.
var lab ag16g3 '(D) Grouped age (3)'.
val lab ag16g3 1 '16-44' 2' 45-64' 3' 65+'.
fre ag16g3.
```

AG16G4: (D) Grouped age (4)

     1 16-44
     2 45-54
     3 55-64
     4 65+

```
recode age (16 thru 44=1) (45 thru 54=2) (55 thru 64=3) (65 thru hi=4) into ag16g4.
var lab ag16g4 '(D) Grouped age (4)'.
VALUE LABELS ag16g4 1 '16-44' 2 '45-54' 3 '55-64' 4 '65+'.
FREQUENCIES ag16g4.
```

AG65G3: (D) Grouped age (3)

    1 65-74
    2 75-84
    3 85+

SPSS Syntax

```
recode age (65 thru 74=1) (75 thru 84=2) (85 thru hi=3) into ag65g3.
var lab ag65g3 '(D) Grouped age (3)'.
val lab ag65g3 1 '65-74' 2' 75-84' 3' 85+'.
fre ag65g3.
```

AG65G5: (D) Age 65+ in 5 year age bands

    1 65-69
    2 70-74
    3 75-79
    4 80-84
    5 85+

SPSS Syntax

```
RECODE  age  (65 thru 69=1)  (70 thru 74=2)  (75 thru 79=3) (80 thru 84=4) (85 thru hi=5)
  (0 thru 64=-1)  INTO  ag65g5 .
VALUE LABELS ag65g5
  1 "65-69"
  2 "70-74"
  3 "75-79"
  4 "80-84"
  5 "85+".
VARIABLE LABEL ag65g5 "(D) Age 65+ in five year age bands".
```

AG6585G10: (D) Age 16-85+, 4 groups

    1   Below 65
    2   65 - 74
    3   75 - 84
    4   85+

SPSS Syntax

```
RECODE Age (85 THRU Hi=4) (75 THRU 85=3) (65 THRU 75=2)(0 THRU 65=1)(ELSE=COPY) INTO Ag6585g10.
VARIABLE LABELS Ag6585g10 "(D) Age  <65, 65-75, 75-85, 85+ groups".
VALUE LABELS Ag6585g10
1 "Below 65"
2 "65 - 74"
3 "75 - 84"
4 "85+"
```

AG6575G10: (D) Age 16-75+, 3 groups

    1   Below 65
    2   65 - 74
    3   75+

SPSS Syntax

```
RECODE Age (75 THRU Hi=3) (65 THRU 75=2)(0 THRU 65=1)(ELSE=COPY) INTO Ag6575g10.
VARIABLE LABELS Ag6575g10 "(D) Age <65, 65-75, 75+ groups".
VALUE LABELS Ag6575g10
1 "Below 65"
2 "65 - 74"
3 "75+".
```

AGE30: (D) Age 30+ in approx ten year age bands

    1 30-44
    2 45-54
    3 55-64
    4 65-74
    5 75+

SPSS Syntax

```
recode age (lo thru 29=-1)(30 thru 44=1)(45 thru 54=2)(55 thru 64=3)(65 thru 74=4)(75 thru hi=5) into age30.
var lab age30 '(D) Age 30+ in approx ten year age bands'.
val lab age30
 1 '30-44'
 2 '45-54'
3 '55-64'
4 '65-74'
5 '75+'
-1 'not applicable'.
```

AGE65: (D) Age 65+, 2 groups

    1   Below 65
    2   65+

SPSS Syntax

```
RECODE Age (65 THRU Hi=2) (0 THRU 65=1)(ELSE=COPY) INTO Age65.
VARIABLE LABELS Age65 "(D) Age  <65, 65+ groups".
VALUE LABELS Age65
1 "Below 65"
2 "65+"
```

AGE85: (D) Age 16-85+ in approx 10 year age bands

    1   16-24
    2   25-34
    3   35-44
    4   45-54
    5   55-64
    6   65-74
    7   75-84
    8   85+

SPSS Syntax

```
RECODE age (16 thru 24=1) (25 thru 34=2) (35 thru 44=3) (45 thru 54=4) (55 thru 64=5) (65 thru 74=6) (75
thru 84=7) (85 thru 200=8) into Age85.
variable labels Age85 "(D) Age 16-85+ in approx ten year age bands".
value labels Age85
1 "16-24"
2 "25-34"
3 "35-44"
4 "45-54"
5 "55-64"
6 "65-74"
7 "75-84"
8 "85+".
```

AG015G2: (D) Age 0-15 in two year bands
    1   0-1
    2   2-3
    3   4-5
    4   6-7
    5   8-9
    6   10-11
    7   12-13
    8   14-15

SPSS Syntax

```
RECODE  age (0 thru 1=1) (2 thru 3=2)  (4 thru 5=3)  (6 thru 7=4)  (8 thru 9=5)
  (10 thru 11=6)  (12 thru 13=7)  (14 thru 15=8)  (ELSE =-1) INTO  ag015g2 .
VARIABLE LABEL ag015g2 "(D) Age 0-15 in two year bands".
VALUE LABELS ag015g2
  1 "0-1"
  2 "2-3"
  3 "4-5"
  4 "6-7"
  5 "8-9"
  6 "10-11"
  7 "12-13"
  8 "14-15"
```

AG215G2: (D) Age 2-15 in two year bands
    1   2-3
    2   4-5
    3   6-7
    4   8-9
    5   10-11
    6   12-13
    7   14-15

SPSS Syntax

```
RECODE  age  (2 thru 3=1)  (4 thru 5=2)  (6 thru 7=3)  (8 thru 9=4)
  (10 thru 11=5)  (12 thru 13=6)  (14 thru 15=7)  (ELSE =-1) INTO  ag215g2 .
VARIABLE LABEL ag215g2 "(D) Age 2-15 in two year bands".
VALUE LABELS ag215g2
  1 "2-3"
  2 "4-5"
```

```
   3 "6-7"
   4 "8-9"
   5 "10-11"
   6 "12-13"
   7 "14-15".
```

AG215G3: (D) Age 2-15: Approx 3 year age bands

    1   2-3
    2   4-6
    3   7-9
    4   10-12
    5   13-15

SPSS Syntax

```
RECODE age (2 thru 3=1) (4 thru 6=2) (7 thru 9=3) (10 thru 12=4) (13 thru 15=5)
 (ELSE=-1) INTO ag215g3.
VARIABLE LABEL ag215g3 "(D) Age 2-15: Approx 3 year age bands".
VALUE LABELS ag215g3
  1 "2-3"
  2 "4-6"
  3 "7-9"
  4 "10-12"
  5 "13-15".
```

AG215G4: (D) Age 2-15 in four age age bands

    1   2-4
    2   5-7
    3   8-10
    4   11-15

SPSS Syntax

```
RECODE  age (0 thru 1=-1) (2 thru 4=1) (5 thru 7=2) (8 thru 10=3) (11 thru 15=4) (16 thru hi =-1) INTO ag215g4 .
VALUE LABELS ag215g4
 1 "2-4"
 2 "5-7"
 3 "8-10"
 4 "11-15".
VARIABLE LABELS ag215g4 "(D) Age 2-15 in four age age bands" .
fre ag215g4.
```

AG215G5: (D) Age 2-15 in five year age bands

    1   2-4
    2   5-7
    3   8-10
    4   11-12
    5   13-15

SPSS Syntax

```
RECODE  age (0 thru 1=-1) (2 thru 4=1) (5 thru 7=2) (8 thru 10=3) (11 thru 12=4) (13 thru 15=5) (16 thru hi =-1) INTO ag215g5 .
VALUE LABELS ag215g5
 1 "2-4"
 2 "5-7"
 3 "8-10"
 4 "11-12"
 5 "13-15".
VARIABLE LABEL ag215g5 "(D) Age 2-15 in five year age bands".
freq ag215g5.
```

AG415G3: (D) Age 4-15: 3 year age bands

    1   4-6
    2   7-9
    3   10-12
    4   13-15

SPSS Syntax

```
RECODE age (4 thru 6=1) (7 thru 9=2) (10 thru 12=3) (13 thru 15=4)
 (ELSE=-1) INTO ag415g3.
VARIABLE LABEL ag415g3 "(D) Age 4-15: 3 year age bands".
VALUE LABELS ag415g3
  1 "4-6"
  2 "7-9"
  3 "10-12"
  4 "13-15".
```

AG515G3: (D) Age 5-15: Approx 3 year age bands

     1   5-6
     2   7-9
     3   10-12
     4   13-15

```
SPSS Syntax

RECODE age (5 thru 6=1) (7 thru 9=2) (10 thru 12=3) (13 thru 15=4)
 (ELSE=-1) INTO ag515g3.
VARIABLE LABEL ag515g3 "(D) Age 5-15: Approx 3 year age bands".
VALUE LABELS ag515g3
  1 "5-6"
  2 "7-9"
  3 "10-12"
  4 "13-15".
```

AG515G3_2: (D) Age 5-15, approx 3 year age bands

     1   5-7
     2   8-10
     3   11-12
     4   13-1

```
SPSS Syntax

NUMERIC Ag515g3_2 (F3.0).
RECODE age (-9 thru 4 =-1)(5 thru 7=1)(8 thru 10=2)(11 thru 12=3) (13 thru 15=4)(16 thru hi=-1) INTO Ag515g3_2.
VARIABLE LABELS ag515g3_2 '(D) Age 5-15, approx 3 year age bands (5-7,etc)'.
VALUE LABELS ag515g3_2
1 '5-7'
2 '8-10'
3 '11-12'
4 '13-15'.
EXECUTE.
FREQ Ag515g3_2.
CRO age by Ag515g3_2.
```

AG715G3: (D) Age 7-15: 3 year age bands

     1   7-9
     2   10-12
     3   13-15

```
SPSS Syntax

RECODE age (7 thru 9=1) (10 thru 12=2) (13 thru 15=3)
  (ELSE=-1) INTO ag715g3.
VARIABLE LABEL ag715g3 "(D) Age 7-15: 3 year age bands".
VALUE LABELS ag715g3
  1 "7-9"
  2 "10-12"
  3 "13-15".
exe.
```

AG1655GP5: (D) Age 16-55+, 5 groups

     1   16-24
     2   25-34
     3   35-44
     4   45-54
     5   55+

```
SPSS Syntax

RECODE Age (16 thru 24=1) (24 thru 34=2) (34 thru 44=3)(44 thru 54=4)(54 thru hi=5)(0 thru 16=-
1)(else=copy) INTO AG1655gp5.
VARIABLE LABELS  AG1655gp5 "(D) Age groups 16-55+, 5 groups".
VALUE LABELS AG1655gp5
-1 'Not applicable'
-8 "Don't know"
-9 'Refuse'
1 '16-24'
2 '25-34'
3 '35-44'
4 '45-54'
5 '55+'.
```

AG1650GP3: (D) Age 16-50+, 3 groups

     1   16-24
     2   25-49
     3   50+

Admin

INTDAYW: (D) Weekday of individual interview

    1   Sunday
    2   Monday
    3   Tuesday
    4   Wednesday
    5   Thursday
    6   Friday
    7   Saturday

Booklet Admin

BOOKLET: (D) Eligible for which self-completion booklet

    1   Pale green 8-12
    2   Cream 13-15
    3   Pale Blue Young Adult Men
    4   Pale Pink Young Adult Women
    5   Dark Blue Adult Me
    6   Dark Pink Adult Women
    7   Grey Adults 45+

Education

TOPQUAL2: (D) Highest Educational Qualification - students separate
1 NVQ4/NVQ5/Degree or equiv
2 Higher ed below degree
3 NVQ3/GCE A Level equiv
4 NVQ2/GCE O Level equiv
5 NVQ1/CSE other grade equiv
6 Foreign/other
7 No qualification
8 FT Student

```
SPSS Syntax

IF (qual<0 | (qual=1 & quala1<0)) topqual2=quala1.
IF (topqual3>0) topqual2=topqual3.
IF (educend=1 | activb=1) topqual2=8.
VARIABLE LABELS topqual2 "(D) Highest Educational Qualification - Students separate".
VALUE LABELS topqual2
  1 'NVQ4/NVQ5/Degree or equiv'
  2 'Higher ed below degree'
  3 'NVQ3/GCE A Level equiv'
  4 'NVQ2/GCE O Level equiv'
  5 'NVQ1/CSE other grade equiv'
  6 'Foreign/other'
  7 'No qualification'
  8 'FT Student'
```

TOPQUAL3: (D) Highest Educational Qualification
1 NVQ4/NVQ5/Degree or equiv
2 Higher ed below degree
3 NVQ3/GCE A Level equiv
4 NVQ2/GCE O Level equiv
5 NVQ1/CSE other grade equiv
6 Foreign/other
7 No qualification

```
SPSS Syntax

COMPUTE topqual3=0.
IF (qual<0 | (qual=1 & quala1<0)) topqual3=quala1.
if (ANY(1,quala1, quala23, quala24)) topqual3=1.
if (ANY(1,quala2, quala3, quala4, quala6) & topqual3<>1) topqual3=2.
if (ANY(1,quala5,quala7,quala9,quala10,quala11,quala25) & ~RANGE(topqual3,1,2)) topqual3=3.
if (ANY(1,quala8,quala12,quala13,quala15,quala17,quala20,quala22,quala26) & ~RANGE(topqual3,1,3))
topqual3=4.
if (ANY(1,quala14,quala16,quala18,quala21,quala27,quala28) & ~RANGE(topqual3,1,4)) topqual3=5.
if ((quala29=1) & ~RANGE(topqual3,1,5)) topqual3=6.
if((quala19=1 | qual=2) & ~RANGE(topqual3,1,6)) topqual3=7.
exe.
VARIABLE LABEL topqual3 "(D) Highest Educational Qualification".
VALUE LABELS topqual3
  1 'NVQ4/NVQ5/Degree or equiv'
  2 'Higher ed below degree'
  3 'NVQ3/GCE A Level equiv'
  4 'NVQ2/GCE O Level equiv'
  5 'NVQ1/CSE other grade equiv'
  6 'Foreign/other'
  7 'No qualification'.
```

TOPQUAL4: (D) Highest Educational Qualification, 3 groups
1 NVQ4/NVQ5/Degree or equivalent
2 Below degree
3 No qualification.

```
SPSS Syntax
COMPUTE Topqual4=-99.
RECODE Topqual3 (1=1) (2 thru 6=2) (7=3) (else=copy) INTO TopQual4.
VARIABLE LABELS TopQual4 "(D) Highest Educational Qualification, 3 groups".
VALUE LABELS TopQual4
 1 'NVQ4/NVQ5/Degree or equiv'
 2 'Below degree'
 3 'No qualification'.
```

TOPQUAL5: (D) Highest Educational Qualification
1 NVQ4/NVQ5/Degree or equiv
2 Higher ed below degree (inc. Alevel)
3 NVQ2/GCE O Level /NVQ1/CSE other grade equiv
4 None'.

```
SPSS Syntax
Recode Topqual3 (1 = 1) (2,3 = 2) (4,5 = 3) (6,7 = 4) INTO Topqual5.
Value Labels Topqual5
1 'NVQ4/NVQ5/Degree or equiv'
2 'Higher ed below degree (inc. Alevel)'
3 'NVQ2/GCE O Level /NVQ1/CSE other grade equiv'
4 'None'.

Execute.

Cro Topqual3 by Topqual5.
```

Employment Status

ECONACT: (D) Economic Status, 4 groups
  1   In employment
  2   ILO unemployed
  3   Retired
  4   Other economically inactive

```
SPSS Syntax
RECODE activb (2,3,4=1)(9=3)(1,5,6,7,8,10,95=4)(-9,-8=COPY) into econact.
IF any(1,stwork,wkstrt2) econact=2.
IF age<16   econact=-1.
IF any(-9,activb,stwork,wkstrt2,wklook4) econact=-9.
IF any(-8,activb,stwork,wkstrt2,wklook4) econact=-8.
VARIABLE LABELS econact "(D) Economic Status (4 groups)".
VALUE LABELS econact
 1 "In employment"
 2 "ILO unemployed"
 3 "Retired"
 4 "Other economically inactive".
```

ECONACT5: (D) Economic Status, 5 groups
  1   In employment - employee
  2   In emloyment - self-employed
  3   ILO unemployed
  4   Retired
  5   Other economically inactive

```
SPSS Syntax
RECODE econact (1=1) (2=3) (3=4) (4=5) (else=copy) into econact5.
if econact=1 & employe=2 econact5=2.
variable labels econact5 '(D) Economic status (5 groups)'.
value labels econact5
1 'In employment - employee'
2 'In emloyment - self-employed'
3 'ILO unemployed'
4 'Retired'
5 'Other economically inactive'.
```

ECONACT2: (D) Economic Status, 2 groups
  1   In work
  2   Not in work

```
SPSS Syntax
RECODE econact5 (1 thru 2=1) (3 thru 5=2) (else=copy) into econact2.
variable labels econact2 '(D) Economic status (2 groups)'.
value labels econact2
 1 'In work'
 2 'Not in work'.
```

NSSEC8: (D) NS-SEC 8 Variable Classification (individual)
  1   Higher managerial and professional occupations
  2   Lower managerial and professional occupations
  3   Intermediate occupations
  4   Small employers and own account workers
  5   Lower supervisory and technical occupations
  6   Semi-routine occupations
  7   Routine occupations
  8   Never worked and long term unemployed
  99   Other

```
RECODE stnssec (1 thru 3.4=1) (4 thru 6=2) (7 thru 7.4=3) (8 thru 9.2=4) (10 thru 11.2=5) (12 thru 12.7=6)
(13 thru 13.5=7) (14 thru 14.2=8) (15 thru 17=99) (else=copy) into nssec8.
Variable labels nssec8 "(D) NS-SEC 8 variable classification (individual)".
Value labels nssec8
 1 "Higher managerial and professional occupations"
 2 "Lower managerial and professional occupations"
 3 "Intermediate occupations"
 4 "Small employers and own account workers"
 5 "Lower supervisory and technical occupations"
 6 "Semi-routine occupations"
 7 "Routine occupations"
 8 "Never worked and long term unemployed"
 99 "Other".
```

NSSEC5: (D) NS-SEC 5 Variable Classification (individual)

    1   Managerial and professional occupations
    2   Intermediate occupations
    3   Small employers and own account workers
    4   Lower supervisory and technical occupations
    5   Semi-routine occupations
    99   Other

```
RECODE stnssec (1 thru 6=1) (7 thru 7.4=2) (8 thru 9.2=3) (10 thru 11.2=4) (12 thru 13.5=5) (14 thru
17=99) (else=copy) INTO nssec5.
Variable labels nssec5 "(D) NS-SEC 5 variable classification (individual)".
Value labels nssec5
 1 "Managerial and professional occupations"
 2 "Intermediate occupations"
 3 "Small employers and own account workers"
 4 "Lower supervisory and technical occupations"
 5 "Semi-routine occupations"
 99 "Other".
```

NSSEC3: (D) NS-SEC 3 Variable Classification (individual)

    1   Managerial and professional occupations
    2   Intermediate occupations
    3   Routine and manual occupations
    99   Other

```
RECODE stnssec (1 thru 6=1) (7 thru 9.2=2) (10 thru 13.5=3) (14 thru 17=99) (else=copy) INTO nssec3.
Variable label nssec3 "(D) NS-SEC 3 variable classification (individual)".
Value label nssec3
 1 "Managerial and professional occupations"
 2 "Intermediate occupations"
 3 "Routine and manual occupations"
 99 "Other".
```

HPNSSEC8: (D) NS-SEC 8 Variable Classification (hrp)

    1   Higher managerial and professional occupations
    2   Lower managerial and professional occupations
    3   Intermediate occupations
    4   Small employers and own account workers
    5   Lower supervisory and technical occupations
    6   Semi-routine occupations
    7   Routine occupations
    8   Never worked and long term unemployed
    99   Other

```
RECODE sthnssec (1 thru 3.4=1) (4 thru 6=2) (7 thru 7.4=3) (8 thru 9.2=4) (10 thru 11.2=5) (12 thru
12.7=6) (13 thru 13.5=7) (14 thru 14.2=8) (15 thru 17=99) (else=copy) into hpnssec8.
Variable labels hpnssec8 "(D) NS-SEC 8 variable classification (hrp)".
Value labels hpnssec8
 1 "Higher managerial and professional occupations"
 2 "Lower managerial and professional occupations"
 3 "Intermediate occupations"
 4 "Small employers and own account workers"
 5 "Lower supervisory and technical occupations"
 6 "Semi-routine occupations"
```

```
 7 "Routine occupations"
 8 "Never worked and long term unemployed"
 99 "Other".
fre hpnssec8.
temp.
select if hpnssec8=-1.
list seriali age sex sthnssec  HRPXSOC2 HRPES2 hrpactiv.
```

HPNSSEC5: (D) NS-SEC 5 Variable Classification (hrp)
    1   Managerial and professional occupations
    2   Intermediate occupations
    3   Small employers and own account workers
    4   Lower supervisory and technical occupations
    5   Semi-routine occupations
    99 Other

HPNSSEC3: (D) NS-SEC 3 Variable Classification (hrp)
    1   Managerial and professional occupations
    2   Intermediate occupations
    3   Routine and manual occupations
    99 Other

Income

TOTINC: (D) Total Household Income
    1   <£520
    2   £520<£1,600
    3   £1,600<£2,600
    4   £2,600<£3,600
    5   £3,600<£5,200
    6   £5,200<£7,800
    7   £7,800<£10,400
    8   £10,400<£13,000
    9   £13,000<£15,600
    10 £15,600<£18,200
    11 £18,200<£20,800
    12 £20,800<£23,400
    13 £23,400<£26,000
    14 £26,000<£28,600
    15 £28,600<£31,200
    16 £31,200<£33,800
    17 £33,800<£36,400
    18 £36,400<£41,600
    19 £41,600<£46,800
    20 £46,800<£52,000
    21 £52,000<£60,000
    22 £60,000<£70,000
    23 £70,000<£80,000
    24 £80,000<£90,000

25 £90,000<£100,000
26 £100,000<£110,000
27 £110,000<£120,000
28 £120,000<£130,000
29 £130,000<£140,000
30 £140,000<£150,000
31 £150,000+
96 Don't know
97 Refused

SPSS Syntax

```
COMPUTE totinc=-1.
if jntinc=-1 totinc=-1.
DO IF (jntinc>0).
COMPUTE totinc=jntinc.
END IF.
DO IF (hhinc>jntinc).
COMPUTE totinc=hhinc.
END IF.
VARIABLE LABELS totinc "(D) Total Household Income".
VALUE LABELS totinc
 1 '<£520'
 2 '£520<£1,600'
 3 '£1,600<£2,600'
 4 '£2,600<£3,600'
 5 '£3,600<£5,200'
 6 '£5,200<£7,800'
 7 '£7,800<£10,400'
 8 '£10,400<£13,000'
 9 '£13,000<£15,600'
10 '£15,600<£18,200'
11 '£18,200<£20,800'
12 '£20,800<£23,400'
13 '£23,400<£26,000'
14 '£26,000<£28,600'
15 '£28,600<£31,200'
16 '£31,200<£33,800'
17 '£33,800<£36,400'
18 '£36,400<£41,600'
19 '£41,600<£46,800'
20 '£46,800<£52,000'
21 '£52,000<£60,000'
22 '£60,000<£70,000'
23 '£70,000<£80,000'
24 '£80,000<£90,000'
25 '£90,000<£100,000'
26 '£100,000<£110,000'
27 '£110,000<£120,000'
28 '£120,000<£130,000'
29 '£130,000<£140,000'
30 '£140,000<£150,000'
31 '>=£150,000'
96 'Do not know'
97 'Refused'.
EXE.
```

EQVINC: (D) Equivalised Income

1   Lowest Quintile (<=£12,803)
2   Second lowest Quintile (>£12,803 <=£19,500)
3   Middle Quintile (>£19,500 <=£29,865)
4   Second highest Quintile (>£29,865 <=£49,016)
5   Highest Quintile (>£49,016)

SPSS Syntax

```
compute eqv5=-1.
IF eqvinc>=0 and eqvinc<=12803 eqv5=1.
IF eqvinc>12803 and eqvinc<=19500 eqv5=2.
IF eqvinc>19500 and eqvinc<=29865 eqv5=3.
IF eqvinc>29865 and eqvinc<=49016 eqv5=4.
IF eqvinc>49016  eqv5=5.
IF eqvinc<0 eqv5=-1.
VARIABLE LABELS eqvinc "(D) Equivalised Income".
VARIABLE LABELS eqv5 "(D) Equivalised Income Quintiles".
VALUE LABELS eqvinc -1 'Item not applicable'.
VALUE LABELS eqv5
 -1 'Item not applicable'
  5 'Highest Quintile (>£49,016)'
  4 'Second highest Quintile (>£29,865 <=£49,016)'
  3 'Middle Quintile (>£19,500 <=£29,865)'
  2 'Second lowest Quintile (>£12,803 <=£19,500)'
  1 'Lowest Quintile (<=£12,803)'.
```

MCCLEM: (D) McClements household score for equivalised income

```
SPSS Syntax

** Add scores for adults .
** Non-married 2nd person adds 7/100 to score .
IF (adults=1) mcclem=mcclem+(61/100).
IF (adults=2) mcclem=mcclem+1.
IF (adults=3) mcclem=mcclem+(142/100).
IF (adults>=4) mcclem=mcclem+((142+(36*(adults-3)))/100).
IF (relnship=0 & adults>1) mcclem=mcclem+(7/100).

** Add scores for children .
VECTOR mccagex=mccage1 TO mccage12.
LOOP xxj=1 TO 12.
IF (RANGE(mccagex(xxj),2,4)) mcclem=mcclem+(18/100).
IF (RANGE(mccagex(xxj),5,7)) mcclem=mcclem+(21/100).
IF (RANGE(mccagex(xxj),8,10)) mcclem=mcclem+(23/100).
IF (RANGE(mccagex(xxj),11,12)) mcclem=mcclem+(25/100).
IF (RANGE(mccagex(xxj),13,15)) mcclem=mcclem+(27/100).
END LOOP.

** Add scores for infants .
IF (infants>0) mcclem=mcclem+(infants*(9/100)).

** remove nonstated ages.
count age9=mccage1 to mccage12(-9).
count age8=mccage1 to mccage12(-8).
if age9>0 | age8>0 mcclem=-90.

VARIABLE LABELS mcclem "(D) McClements household score for equivalised income".
EXECUTE.
FORMATS mcclem (F2.1)..
```

EQV5: (D) Equivalised Income Quintiles

```
      -90 Age of household member refused
        5 Highest Quintile (>£44,318)
        4 Second highest Quintile (>£27,637 <=£44,318)
        3  Middle Quintile (>£19,180 <=£27,637)
        2  Second lowest Quintile (>£12,118 <=£19,180)
        1 Lowest Quintile (<=£12,118)
```

EQV3: (D) Equivalised Income Tertiles

```
     -90    Age of household member refused
       3    Highest Tertile (>£31,818)
       2    Middle Tertile (>£16,892 - £31,818)
       1    Lowest Tertile (<=£16,892)
```

The calculation of the equivalised income involves calculating a McClement score for each household (dependent on number, age and relationships of adults and children in the household), and then dividing the total household income by this score to get an equivalised household income. Comments are included in the **SPSS Syntax**.

```
SPSS Syntax

GET FILE='I:\Workdocs\HSE\DATA\HSE2012\Secure\Data Manager\3 Derived 12\Dv data\Intermediate
Datasets\income12.sav'.
COMPUTE mcclem=0.

** Add scores for 16-18s, remove from adults .
VECTOR mccage=mccage1 TO mccage12.
VECTOR mcactv=mcactv1 TO mcactv12.
LOOP xxi=1 TO 12.
DO IF (RANGE(mccage(xxi),16,18)).
DO IF (mcactv(xxi)=1).
COMPUTE mcclem=mcclem+(36/100).
IF (adults>1) adults=adults-1.
END IF.
END IF.
END LOOP.

** Add scores for adults .
** Non-married 2nd person adds 7/100 to score .
IF (adults=1) mcclem=mcclem+(61/100).
IF (adults=2) mcclem=mcclem+1.
IF (adults=3) mcclem=mcclem+(142/100).
IF (adults>=4) mcclem=mcclem+((142+(36*(adults-3)))/100).
IF (relnship=0 & adults>1) mcclem=mcclem+(7/100).
```

```
** Add scores for children .
VECTOR mccagex=mccage1 TO mccage12.
LOOP xxj=1 TO 12.
IF (RANGE(mccagex(xxj),2,4)) mcclem=mcclem+(18/100).
IF (RANGE(mccagex(xxj),5,7)) mcclem=mcclem+(21/100).
IF (RANGE(mccagex(xxj),8,10)) mcclem=mcclem+(23/100).
IF (RANGE(mccagex(xxj),11,12)) mcclem=mcclem+(25/100).
IF (RANGE(mccagex(xxj),13,15)) mcclem=mcclem+(27/100).
END LOOP.

** Add scores for infants .
IF (infants>0) mcclem=mcclem+(infants*(9/100)).

** remove nonstated ages.
count age9=mccage1 to mccage12(-9).
count age8=mccage1 to mccage12(-8).
if age9>0 | age8>0 mcclem=-90.

VARIABLE LABEL mcclem "(D) McClements household score for equivalised income".
EXECUTE.
FORMATS mcclem (F2.1).
fre mcclem.

**cases with out a score as -1 in income variable.
Temp.
select if mcclem=0.
list serialh.

** Save File under new name .
save OUTFILE='I:\Workdocs\HSE\DATA\HSE2012\Secure\Data Manager\3 Derived 12\Dv data\Intermediate
Datasets\mcclem12.sav'.

dataset close all.
GET FILE='I:\Workdocs\HSE\DATA\HSE2012\Secure\Data Manager\3 Derived 12\Dv data\Intermediate
Datasets\mcclem12.sav'.

FORMATS mcclem (F8.2).
COMPUTE midinc=-1.
DO IF (jointinc>0).
RECODE jointinc (1=450) (2=1060) (3=2100) (4=3100) (5=4400) (6=6500)
 (7=9100) (8=11700) (9=14300) (10=16900) (11=19500) (12=22100)
 (13=24700) (14=27300) (15=29900) (16=32500) (17=35100) (18=39000)
 (19=44200) (20=49400) (21=56000) (22=65000) (23=75000) (24=85000)
 (25=95000) (26=105000) (27=115000) (28=125000) (29=135000)
 (30=145000) (31=160000)
 INTO midinc.
END IF.
DO IF (hholdinc>jointinc).
RECODE hholdinc (1=450) (2=1060) (3=2100) (4=3100) (5=4400) (6=6500)
 (7=9100) (8=11700) (9=14300) (10=16900) (11=19500) (12=22100)
 (13=24700) (14=27300) (15=29900) (16=32500) (17=35100) (18=39000)
 (19=44200) (20=49400) (21=56000) (22=65000) (23=75000) (24=85000)
 (25=95000) (26=105000) (27=115000) (28=125000) (29=135000)
 (30=145000) (31=160000)
 INTO midinc.
END IF.
COMPUTE eqvinc=-1.
IF (midinc>0) eqvinc=midinc/mcclem.
RECODE midinc (0 thru 6500=1) (6501 thru 11700=2)
  (11701 thru 19500=3) (19501 thru 29900=4) (29901 thru hi=5)(ELSE=-1)
  INTO mid5.
exe.

save OUTFILE='I:\Workdocs\HSE\DATA\HSE2012\Secure\Data Manager\3 Derived 12\Dv data\Intermediate
Datasets\mcclem12.sav'.

****Make sure eqv income has been changed for specific year. (RERUN FROM HERE and plug in highest figures
from other syntax).***

dataset close all.
GET FILE='I:\Workdocs\HSE\DATA\HSE2012\Secure\Data Manager\3 Derived 12\Dv data\Intermediate
Datasets\mcclem12.sav'.


compute eqv5=-1.
IF eqvinc>=0 and eqvinc<=12118 eqv5=1.
IF eqvinc>12118 and eqvinc<=19180 eqv5=2.
IF eqvinc>19180 and eqvinc<=27637 eqv5=3.
IF eqvinc>27637 and eqvinc<=44318 eqv5=4.
IF eqvinc>44318   eqv5=5.
IF eqvinc<0 eqv5=-1.
VARIABLE LABELS eqvinc "(D) Equivalised Income".
VARIABLE LABELS eqv5 "(D) Equivalised Income Quintiles".
VALUE LABELS eqvinc -1 'Item not applicable'.
VALUE LABELS eqv5
  -1 'Item not applicable'
   5 'Highest Quintile (>£44,318)'
   4 'Second highest Quintile (>£27,637 <=£44,318)'
```

```
   3 'Middle Quintile (>£19,180 <=£27,637)'
   2 'Second lowest Quintile (>£12,118 <=£19,180)'
   1 'Lowest Quintile (<=£12,118)'.

 freq eqv5.
compute eqv3=-1.

IF eqvinc>=0 and eqvinc<=16892 eqv3=1.
IF eqvinc>16892 and eqvinc<=31818 eqv3=2.
IF eqvinc>31818 eqv3=3.
IF eqvinc<0 eqv3=-1.
VARIABLE LABELS eqv3 "(D) Equivalised Income Tertiles".
VALUE LABELS eqv3
  -1 'Item not applicable'
   3 'Highest Tertile (>£31,818)'
   2 'Middle Tertile (>£16,892 - £31,818)'
   1 'Lowest Tertile (<=£16,892)'.
 freq eqv3.

*** Then repeat variable with inverted labels for authors (will be deleted before archiving though)***

RECODE eqv5 (5=1) (4=2) (3=3) (2=4) (1=5)
  (ELSE=-1) INTO eqv5_temp.
EXECUTE.
VARIABLE LABELS eqv5_temp "(D) Equivalised Income Quintiles (for authors)".
VALUE LABELS eqv5_temp
  -1 'Item not applicable'
   1 'Highest Quintile (>£49,400)'
   2 'Second highest Quintile (>£29,865 <=£49,400)'
   3 'Middle Quintile (>£19,217 <=£29,865)'
   4 'Second lowest Quintile (>£12,412 <=£19,217)'
   5 'Lowest Quintile (<=£12,412)'.

   freq eqv5_temp.

CROSSTABS eqv5 BY eqv5_temp.

RECODE eqv3 (3=1) (2=2) (1=3)
 (ELSE=-1) INTO eqv3_temp.
EXECUTE.
VARIABLE LABELS eqv3_temp "(D) Equivalised Income Tertiles (for authors)".
VALUE LABELS eqv3_temp
  -1 'Item not applicable'
   1 'Highest Tertile (>£35,035)'
   2 'Middle Tertile (>£16,918 - £35,035)'
   3 'Lowest Tertile (<=£16,918)'.
 freq eqv3_temp.

CROSSTABS eqv3 BY eqv3_temp.

***might need to take off split file if freq don't come out correctly.

do if mcclem=-90.
compute eqvinc=-90.
compute eqv5=-90.
compute eqv3=-90.
compute eqv5_temp=-90.
compute eqv3_temp=-90.
end if.
add value labels mcclem eqvinc eqv5 eqv3  eqv5_temp eqv3_temp
  -90 "Age of household member refused".
exe.
```

EQV5W: (D) Equivalised Weekly Income - Quintiles
    1   <=£233
    2   £233 - £369
    3   £369 - £532
    4   £532 - £852
    5   £852 and over

SPSS Syntax
```
compute eqv5w=eqv5.
variable labels eqv5w "(D) Equivalised weekly income - quintiles".
value labels eqv5w
 1 "<=£233"
 2 "£233 - £369"
 3 "£369 - £532"
 4 "£532 - £852"
 5 "£852 and over".
exe.
fre eqv5w.
```

Nurse Admin

QRTINT: (D) Quarter of year of individual interview
  1   First quarter of year
  2   Second quarter of year
  3   Third quarter of year
  4   Fourth quarter of year

SPSS Syntax

```
NUMERIC Qrtint (F3.0).
COMPUTE Qrtint=-99.
IF ANY(mintB,1,2,3) Qrtint=1.
IF ANY(mintB,4,5,6) Qrtint=2.
IF ANY(mintB,7,8,9) Qrtint=3.
IF ANY(mintB,10,11,12) Qrtint=4.
IF mintB<0 Qrtint=mintB.
EXECUTE.
VARIABLE LABELS Qrtint "(D) Quarter of year of individual interview".
VALUE LABELS Qrtint
1 "First quarter of year"
2 "Second quarter of year"
3 "Third quarter of year"
4 "Fourth quarter of year".
```

QRTNVIS: (D) Quarter of year of nurse visit
  1   First quarter of year
  2   Second quarter of year
  3   Third quarter of year
  4   Fourth quarter of year

SPSS Syntax

```
NUMERIC QrtNvis (F3.0).
COMPUTE QrtNvis=-99.
IF ANY(vismon,1,2,3) QrtNvis=1.
IF ANY(vismon,4,5,6) QrtNvis=2.
IF ANY(vismon,7,8,9) QrtNvis=3.
IF ANY(vismon,10,11,12) QrtNvis=4.
IF vismon<0 QrtNvis=vismon.
EXECUTE.
VARIABLE LABELS QrtNvis "(D) Quarter of year of nurse visit interview".
VALUE LABELS QrtNvis
1 "First quarter of year"
2 "Second quarter of year"
3 "Third quarter of year"
4 "Fourth quarter of year".
```

NURDAYW: (D) Weekday of nurse interview
  1   Sunday
  2   Monday
  3   Tuesday
  4   Wednesday
  5   Thursday
  6   Friday
  7   Saturday

SPSS Syntax

```
DO IF visday>0.
COMPUTE nurdayw=XDATE.WKDAY(DATE.DMY(visday,vismon,visyr)).
ELSE.
COMPUTE nurdayw=visday.
END IF.
VARIABLE LABELS nurdayw "(D) Weekday of nurse interview".
VALUE LABELS nurdayw
 1 "Sunday"
 2 "Monday"
 3 "Tuesday"
 4 "Wednesday"
 5 "Thursday"
 6 "Friday"
 7 "Saturday".
```

Relationships

MARSTATD: (D) Marital status including cohabitees

1. Single
2. Married
3. Civil partnership including spontaneous answers
4. Separated
5. Divorced
6. Widowed'
7. Cohabitees

```
SPSS Syntax

RECODE MaritalD (6=2)(7=3) (8=4) (9=5) (else=copy) INTO MarStatD.
COUNT xxx=relto01 to relto12 (2).
IF xxx>0 marstatD=6.
VARIABLE LABELS marstatD "(D) Marital status including cohabitees".
VALUE LABELS marstatD
  1 'Single'
  2 'Married'
  3 'Separated'
  4 'Divorced'
  5 'Widowed'
  6 'Cohabitees'.
```

MARSTATQ: (D) Marital status including cohabitees (including civil partnership category)

1. Single
2. Married
3. Civil partnership including spontaneous answers
4. Separated
5. Divorced
6. Widowed
7. Cohabitees

```
SPSS Syntax

recode marstatQ(3=4) (4=5) (5=6) (6 thru 9=3) (else=copy).
COUNT xxx=relto01 to relto12 (2).
IF xxx>0 marstatQ=7.
VARIABLE LABELS marstatQ "(D) Marital status including cohabitees(including civil partnership category)".
VALUE LABELS marstatQ
  1 'Single'
  2 'Married'
  3 'Civil partnership including spontaneous answers'
  4 'Separated'
  5 'Divorced'
  6 'Widowed'
  7 'Cohabitees'.
```

NATPR1: (D) Relationship of child to parent or guardian
NATPR2: (D) Relationship of child to other parent or guardian

1. Own natural child
2. Adopted child
3. Foster child
4. Step child
5. Grandchild
6. Brother/sister
7. Other relative

```
SPSS Syntax

do if any(par1,-1,97).
compute natpr1=-1.
end if.
do if par1=1.
recode relto01(3=1)(4=2)(5=3)(6,7=4)(19=5)(13 thru 18=6)(-9 thru -1=COPY)(ELSE=7) into natpr1.
end if.
do if par1=2.
recode relto02(3=1)(4=2)(5=3)(6,7=4)(19=5)(13 thru 18=6)(-9 thru -1=COPY)(ELSE=7) into natpr1.
end if.
do if par1=3.
recode relto03(3=1)(4=2)(5=3)(6,7=4)(19=5)(13 thru 18=6)(-9 thru -1=COPY)(ELSE=7) into natpr1.
end if.
do if par1=4.
recode relto04(3=1)(4=2)(5=3)(6,7=4)(19=5)(13 thru 18=6)(-9 thru -1=COPY)(ELSE=7) into natpr1.
end if.
do if par1=5.
recode relto05(3=1)(4=2)(5=3)(6,7=4)(19=5)(13 thru 18=6)(-9 thru -1=COPY)(ELSE=7) into natpr1.
end if.
```

```
do if par1=6.
recode relto06(3=1)(4=2)(5=3)(6,7=4)(19=5)(13 thru 18=6)(-9 thru -1=COPY)(ELSE=7) into natpr1.
end if.
do if par1=7.
recode relto07(3=1)(4=2)(5=3)(6,7=4)(19=5)(13 thru 18=6)(-9 thru -1=COPY)(ELSE=7) into natpr1.
end if.
do if par1=8.
recode relto08(3=1)(4=2)(5=3)(6,7=4)(19=5)(13 thru 18=6)(-9 thru -1=COPY)(ELSE=7) into natpr1.
end if.
do if par1=9.
recode relto09(3=1)(4=2)(5=3)(6,7=4)(19=5)(13 thru 18=6)(-9 thru -1=COPY)(ELSE=7) into natpr1.
end if.
do if par1=10.
recode relto10(3=1)(4=2)(5=3)(6,7=4)(19=5)(13 thru 18=6)(-9 thru -1=COPY)(ELSE=7) into natpr1.
end if.
do if any(par2,-1,97).
compute natpr2=-1.
end if.
do if par2=1.
recode relto01(3=1)(4=2)(5=3)(6,7=4)(19=5)(13 thru 18=6)(-9 thru -1=COPY)(ELSE=7) into natpr2.
end if.
do if par2=2.
recode relto02(3=1)(4=2)(5=3)(6,7=4)(19=5)(13 thru 18=6)(-9 thru -1=COPY)(ELSE=7) into natpr2.
end if.
do if par2=3.
recode relto03(3=1)(4=2)(5=3)(6,7=4)(19=5)(13 thru 18=6)(-9 thru -1=COPY)(ELSE=7) into natpr2.
end if.
do if par2=4.
recode relto04(3=1)(4=2)(5=3)(6,7=4)(19=5)(13 thru 18=6)(-9 thru -1=COPY)(ELSE=7) into natpr2.
end if.
do if par2=5.
recode relto05(3=1)(4=2)(5=3)(6,7=4)(19=5)(13 thru 18=6)(-9 thru -1=COPY)(ELSE=7) into natpr2.
end if.
do if par2=6.
recode relto06(3=1)(4=2)(5=3)(6,7=4)(19=5)(13 thru 18=6)(-9 thru -1=COPY)(ELSE=7) into natpr2.
end if.
do if par2=7.
recode relto07(3=1)(4=2)(5=3)(6,7=4)(19=5)(13 thru 18=6)(-9 thru -1=COPY)(ELSE=7) into natpr2.
end if.
do if par2=8.
recode relto08(3=1)(4=2)(5=3)(6,7=4)(19=5)(13 thru 18=6)(-9 thru -1=COPY)(ELSE=7) into natpr2.
end if.
do if par2=9.
recode relto09(3=1)(4=2)(5=3)(6,7=4)(19=5)(13 thru 18=6)(-9 thru -1=COPY)(ELSE=7) into natpr2.
end if.
variable labels natpr1 "(D) Relationship of child to parent or guardian".
variable labels natpr2 "(D) Relationship of child to parent or guardian".
value labels natpr1 natpr2
 1 "Own natural child"
 2 "Adopted child"
 3 "Foster child"
 4 "Step child"
 5 "Grandchild"
 6 "Brother/sister"
 7 "Other relative".
exe.
```

Sample Info

QIMD: (D) Quintile of IMD score (Index of multiple deprivation)

1   0.53->8.49 [least deprived]
2   8.49->13.79
3   13.79->21.35
4   21.35->34.17
5   34.17->87.80 [most deprived]

The Overall Index of Multiple Deprivation 2010 (QIMD) is a composite index of relative deprivation at small area level, based on seven domains of deprivation: income; employment; health deprivation and disability; education, skills and training; barriers to housing and services; crime and disorder; and living environment. The method used in this report was to group the IMD2010 scores of all Super Output Areas in England into quintiles, ranked in ascending order of deprivation score (quintile 1 being least deprived). The postcode address of households in the 2011 survey was used to link to the Super Output Area of residence, and hence to the corresponding deprivation quintile. All individuals in each household were allocated to the deprivation quintile to which their household had been allocated.

Anthropometric Measurements

Height/Weight Admin

HTOK: (D) Whether height measure is valid
  1 Valid
  2 Not usable
  3 Refused
  4 Attempted but not obtained
  5 Not attempted

```
SPSS Syntax

RECODE resphts (1=1)(2=3)(3=4)(4=5) (-1=-1) INTO Htok.
IF relhite=3 htok=2.
VARIABLE LABELS Htok "(D) Whether height measure is valid".
VALUE LABELS Htok
  1 "Valid"
  2 "Not usable"
  3 "Refused"
  4 "Attempted but not obtained"
  5 "Not attempted".
fre htok.
```

WTOK: (D) Whether weight measure is valid
  1 Valid
  2 Not usable
  3 Refused
  4 Attempted but not obtained
  5 Not attempted
  -90 Pregnant

```
SPSS Syntax

RECODE respwts (0,1=1)(2=3)(3=4)(4=5)(-1=-1) INTO Wtok.
IF relwaitb=3 wtok=2.
IF pregnowb=1 wtok=-90.
VARIABLE LABELS Wtok "(D) Whether weight measure is valid".
VALUE LABELS wtok
  1 "Valid"
  2 "Not usable"
  3 "Refused"
  4 "Attempted but not obtained"
  5 "Not attempted"
 -90 "Pregnant".
fre wtok.
```

BMIOK: (D) Whether BMI measure is valid
  1 Valid
  2 Height/weight not usable
  3 Height/weight refused
  4 Height/weight attempted but not obtained
  5 Height/weight not attempted
  -90 Pregnant

Obtained readings are coded as valid initially and then reset to not usable if the interviewer has indicated that they are unreliable. In the syntax for BMIOK, each line takes precedence over the previous line, such that if HTOK=3 and WTOK=4, then BMIOK=4

```
SPSS Syntax

IF any(1,htok) & wtok=1 bmiok=1.
IF ANY(2,htok,wtok) bmiok=2.
IF ANY(3,htok,wtok) bmiok=3.
IF ANY(4,htok,wtok) bmiok=4.
IF ANY(5,htok,wtok) bmiok=5.
IF wtok=-90 bmiok=-90.
IF htok=-1 & age>=2 bmiok=-1.
IF age<2 bmiok=-1.
IF wtok=-1 bmiok=-1.
VARIABLE LABELS bmiok "(D) Whether bmi measure is valid".
VALUE LABELS bmiok
  1 "Valid"
  2 "Height/weight not usable"
  3 "Height/weight refused"
  4 "Height/weight attempted but not obtained"
```

```
   5 "Height/weight not attempted"
 -90 "Pregnant".
```

Measurements

HTVAL: (D) Valid height (cm)

SPSS Syntax

```
COMPUTE htval=-1.
IF htok=1 htval=height.
VARIABLE LABELS htval "(D) Valid height (cm)".
FREQ htval.
```

WTVAL: (D) Valid weight (Kg) inc. estimated>130kg

WTVAL includes respondents whose estimated weight was over 130kg, which was the upper limit of the scales used by interviewers. The reason for including them, is that although their weight may not be accurate, excluding them would bias the analysis of weight and body mass index.

SPSS Syntax

```
COMPUTE wtval=-1.
IF wtok=1 wtval=weight.
if range(wtsr,130,500) & any(wtok,3,4,5) wtval=wtsr.
VARIABLE LABELS wtval "(D) Valid weight (Kg) inc. estimated>130kg".
FORMATS wtval (f3.2).
```

WTVAL2: (D) Valid weight (Kg) inc. estimated>200kg

SPSS Syntax

```
COMPUTE wtval2=-1.
IF wtok=1 wtval2=weight.
if range(wtsr,200,500) & any(wtok,3,4,5) wtval2=wtsr.
VARIABLE LABELS wtval2 "(D) Valid weight (Kg) inc. estimated>200kg".
FORMATS wtval2 (f3.2).
```

WSTVAL: (D) Valid Mean Waist (cm)

SPSS Syntax

```
COMPUTE wstval=-1.
IF wstokb=1 wstval=(waist1+waist2)/2.
IF wstokb=2 wstval=(waist1+waist3)/2.
IF wstokb=3 wstval=(waist2+waist3)/2.
IF wstokb=4 wstval=(waist1+waist2+waist3)/3.
VARIABLE LABELS wstval "(D) Valid Mean Waist (cm)".
FORMATS wstval (F3.2).
```

HIPVAL: (D) Valid Mean Hip (cm)

SPSS Syntax

```
COMPUTE hipval=-1.
IF hipokb=1 hipval=(hip1+hip2)/2.
IF hipokb=2 hipval=(hip1+hip3)/2.
IF hipokb=3 hipval=(hip2+hip3)/2.
IF hipokb=4 hipval=(hip1+hip2+hip3)/3.
VARIABLE LABELS hipval "(D) Valid Mean Hip (cm)".
```

BMIOWGT: (D) Overwieght, incl obese, binary

   1   Not overwight
   2   Overweight or obese

SPSS Syntax

```
COMPUTE BMIOwgt=-999.
RECODE BMIVal (25 thru hi=2)(0 thru 25=1)(else=copy) into BMIOwgt.
VARIABLE LABELS BMIOwgt "(D) Overweight, incl obese,binary".
VALUE LABELS BMIOwgt
```

```
-1 'Not applicable'
-8 "Don't know"
-9 'Refuse'
1 'Not overweight'
2 'Overweight or obese'.
```

BMISR: (D) Self-reported BMI

SPSS Syntax

```
COMPUTE bmisr=-1.
IF htsr>0 & wtsr>0 bmisr=(wtsr*100*100)/(htsr*htsr).
If age<16 bmisr=-1.
VARIABLE LABELS bmisr "(D) Self-reported BMI".
```

BMISRG5: (D) Self-reported BMI (grouped:<18.5,18.5-25,25-30,30-40 40+)

- 1   Under 18.5
- 2   18.5 and below 25
- 3   25 and below 30
- 4   30 and below 40
- 5   Over 40

SPSS Syntax

```
RECODE bmisr (0 thru 18.5=1)(18.5 thru 25=2)(25 thru 30=3) (30 thru 40=4) (40 thru hi=5) (lo thru -1=COPY)
INTO bmisrg5.
If age<16 bmisrg5=-1.
VARIABLE LABELS bmisrg5 "(D) Self-reported BMI (grouped:<18.5,18.5-25,25-30,30-40 40+)".
VALUE LABELS bmisrg5
1 "Under 18.5"
2 "18.5 and below 25"
3 "25 and below 30"
4 "30 and below 40"
5 "Over 40".
```

BMI: (D) BMI - inc. unreliable measurements

SPSS Syntax

```
COMPUTE bmi=-1.
IF height>0 & weight>0 bmi=(weight*100*100)/(height*height).
VARIABLE LABELS bmi "(D) BMI - inc unreliable measurements".
formats bmi (F3.2).
```

BMIVAL: (D) Valid BMI measurements using estimated weight if measured weight >130kg

SPSS Syntax

```
COMPUTE bmival=-1.
IF (bmiok=1) bmival=bmi.
IF (range(wtsr,130,500) & ANY(wtok,3,4,5) & htok=1) bmival=(wtsr * 100 * 100)/(height * height).
VARIABLE LABELS bmival "(D) Valid BMI measurements using estimated weight if >130kg".
```

BMIVAL2: (D) Valid BMI measurements using estimated weight if measured weight over 200kg.

SPSS Syntax

```
COMPUTE bmival2=-1.
IF (bmiok=1) bmival2=bmi.
IF (range(wtsr,200,500) & ANY(wtok,3,4,5) & htok=1) bmival2=(wtsr * 100 * 100)/(height * height).
VARIABLE LABELS bmival2 "(D) Valid BMI measurements using estimated weight if >200kg".
```

BMIVG5: (D) Valid BMI (grouped:<18.5,18.5-25,25-30,30-40 40+) using estimated weight if >130kg

- 1   Under 18.5
- 2   18.5 and below 25
- 3   25 and below 30
- 4   30 and below 40
- 5   Over 40

```
RECODE bmival (0 thru 18.5=1)(18.5 thru 25=2)(25 thru 30=3) (30 thru 40=4) (40 thru hi=5) (lo thru -
1=COPY) INTO bmivg5.
If age<16 bmivg5=-1.
VARIABLE LABELS bmivg5 "(D) Valid BMI (grouped:<18.5,18.5-25,25-30,30-40 40+) estimated weight if >130kg".
VALUE LABELS bmivg5
1 "Under 18.5"
2 "18.5 and below 25"
3 "25 and below 30"
4 "30 and below 40"
5 "Over 40".
```

BMIVG52: (D) BMI (grouped: <18.5, 18.5-25,25-30,30-40,+40) using estimated weight if >200kg

    1   Under 18.5
    2   18.5 and below 25
    3   25 and below 30
    4   30 and below 40
    5   Over 40

The syntax recoding BMIVAL to BMIVG5 works such that a value of 25 will be coded as 2, as this is the first place that it appears, and will be overwritten to 3 by the subsequent condition on recode statement. Using this method avoids the danger of freak values falling between values such as between 24.99 and 25.00.

```
RECODE bmival2 (0 thru 18.5=1)(18.5 thru 25=2)(25 thru 30=3) (30 thru 40=4)
  (40 thru hi=5) (lo thru -1=COPY) INTO bmivg52.
If age<16 bmivg52=-1.
VARIABLE LABELS bmivg52 "(D) Valid BMI (grouped:<18.5,18.5-25,25-30,30-40 40+) estimated weight if
>200kg".
VALUE LABELS bmivg52
1 "Under 18.5"
2 "18.5 and below 25"
3 "25 and below 30"
4 "30 and below 40"
5 "Over 40".
```

BMIVG53: (D) Valid BMI (grouped: <18.5, 18.5-25,25-30,30-35,35+) if weight >200kg

    1   Under 18.5
    2   18.5 and below 25
    3   25 and below 30
    4   30 and below 35
    5   Over 35

```
RECODE bmival2 (0 thru 18.5=1)(18.5 thru 25=2)(25 thru 30=3) (30 thru 35=4) (35 thru hi=5) (lo thru -
1=COPY) INTO bmivg53.
If age<16 bmivg53=-1.
VARIABLE LABELS bmivg53 "(D) Valid BMI (grouped:<18.5,18.5-25,25-30,30-35,35+) estimated weight if
>200kg".
VALUE LABELS bmivg53
1 "Under 18.5"
2 "18.5 and below 25"
3 "25 and below 30"
4 "30 and below 35"
5 "Over 35".
```

BMIVG3: (D) BMI grouped combining underweight and normal, overweight and combining obese and mobidly obese

    1   Not overwight or obese
    2   Overweight
    3   Obese

```
recode bmivg52 (1 thru 2=1)(3=2)(4 thru 5=3)(else=copy) into bmivg3.
variable labels bmivg3 "(D) BMI grouped combining underweight and normal, overweight and combining
obese and morbidly obese".
value labels bmivg3
1 "Not overweight or obese"
2 "Overweight"
3 "Obese".
```

BMIvg6: (D) BMI grouped with obese categories I,II,III
    1   Underweight: less than 18.5'

2   Normal: 18.5 to less than 25'
3   Overweight: 25 to less than 30'
4   Obese I: 30 to less than 35'
5   Obese II: 35 to less than 40'
6   Obese III: 40 or more'.

```
SPSS Syntax

compute BMIvg6=0.
IF RANGE(BMIVAL,0,18.50) BMIVG6=1.
IF RANGE(BMIVAL,18.50,25.00) BMIVG6=2.
IF RANGE(BMIVAL,25.00,30.00) BMIVG6=3.
IF RANGE(BMIVAL,30.00,35.00) BMIVG6=4.
IF RANGE(BMIVAL,35.00,40.00) BMIVG6=5.
IF RANGE(BMIVAL,40.00,70.00) BMIVG6=6.
IF Age<16 | BMIval<0 | wstval<0 BMIVG6=-1.
VARIABLE LABELS BMIvg6 "(D) BMI grouped with Obese categories I, II, III".
val labels BMIVG6
1 'Underweight: less than 18.5'
2 'Normal: 18.5 to less than 25'
3 'Overweight: 25 to less than 30'
4 'Obese I: 30 to less than 35'
5 'Obese II: 35 to less than 40'
6 'Obese III: 40 or more'.
```

BMIVG8: (D) BMI in 8 categories
1   0-18.5
2   18.5-23
3   23-25
4   25-27.5
5   27.5-30
6   30-32.5
7   32.5-35
8   35+

```
SPSS Syntax

recode bmival2 (0 thru 18.5=1)(18.5 thru 23=2)(23 thru 25=3) (25 thru 27.5=4) (27.5 thru 30=5) (30 thru
32.5=6) (32.5 thru 35=7) (35 thru hi=8) (lo thru -1=COPY) INTO bmivg8.
VARIABLE LABELS bmivg8 "(D) BMI in 8 categories".
VALUE LABELS bmivg8 1 "0-18.5" 2 "18.5-23" 3 "23-25" 4 "25-27.5" 5 "27.5-30" 6 "30-32.5" 7 "32.5-35" 8
"35+".
fre bmivg8.
```

BMI_GROUP: (D) BMI grouped excluding underweight and combining obese and morbidly obese
1   Norma
2   Overweight
3   Obese
-99 underweight excluded from analysis

```
SPSS Syntax

NUMERIC bmi_group (F3.0).
RECODE bmivg52 (1=-99) (2=1) (3=2) (4=3) (5=3) (else=copy) into bmi_group.
MISSING VALUES bmi_group(-99).
variable labels bmi_group "(D) BMI grouped excluding underweight and combining obese and morbidly obese".
value labels bmi_group
1 "Normal"
2 "Overweight"
3 "Obese"
-99 "underweight excluded from analysis".
```

BMIVGDR: (D) WHO diabetes risk category
1 underweight or acceptable risk
2 increased risk
3 high risk

```
SPSS Syntax

* white, mixed, other.

do if origin2 = 1 or origin2 = 4 or origin2 =5.
recode bmivg8 (1 thru 3 = 1) (4 thru 5 = 2) (6 thru hi = 3) (lo thru -1=COPY) INTO bmivgdr.
end if.
```

```
* black, asian.

do if origin2 = 2 or origin2 = 3 .
recode bmivg8 (1 thru 2 = 1) (3 thru 4 = 2) (5 thru hi = 3) (lo thru -1=COPY) INTO bmivgdr.
end if.

do if origin2=-8 or origin2=-9.
compute bmivgdr=origin2.
end if.

VARIABLE LABELS bmivgdr "(D) WHO diabetes risk category".
VALUE LABELS bmivgdr -9 "refused ethnic" -8 "dont know" -1 "not applicable" 1 "underweight or acceptable
risk" 2 "increased risk" 3 "high risk".
fre bmivgdr.
```

BMICAT1: (D) Children's BMI standards (85th/95th centile)

1 Normal-weight
2 Over-weight
3 Obese

SPSS Syntax
```
compute bmicat1=9.
IF sex=1 AND (intexage>=2 AND intexage<2.50) AND bmival<18.12 bmicat1=1.
IF sex=2 AND (intexage>=2 AND intexage<2.50) AND bmival<17.83 bmicat1=1.
IF sex=1 AND (intexage>=2.50 AND intexage<3) AND bmival<17.80 bmicat1=1.
IF sex=2 AND(intexage>=2.50 AND intexage<3) AND bmival<17.55 bmicat1=1.

IF sex=1 AND (intexage>=3 AND intexage<3.50) AND bmival<17.55 bmicat1=1.
IF sex=2 AND (intexage>=3 AND intexage<3.50) AND bmival<17.39 bmicat1=1.
IF sex=1 AND (intexage>=3.50 AND intexage<4) AND bmival<17.32 bmicat1=1.
IF sex=2 AND (intexage>=3.50 AND intexage<4) AND bmival<17.29 bmicat1=1.

IF sex=1 AND (intexage>=4 AND intexage<4.50) AND bmival<17.13 bmicat1=1.
IF sex=2 AND (intexage>=4 AND intexage<4.50) AND bmival<17.23 bmicat1=1.
IF sex=1 AND (intexage>=4.50 AND intexage<5) AND bmival<17.01 bmicat1=1.
IF sex=2 AND (intexage>=4.50 AND intexage<5) AND bmival<17.17 bmicat1=1.

IF sex=1 AND  (intexage>=5 AND intexage<5.50) AND bmival<16.96 bmicat1=1.
IF sex=2 AND  (intexage>=5 AND intexage<5.50) AND bmival<17.16 bmicat1=1.
IF sex=1 AND  (intexage>=5.50 AND intexage<6) AND bmival<16.96 bmicat1=1.
IF sex=2 AND  (intexage>=5.50 AND intexage<6) AND bmival<17.21 bmicat1=1.

IF sex=1 AND (intexage>=6 AND intexage<6.50) AND bmival<17.01 bmicat1=1.
IF sex=2 AND (intexage>=6 AND intexage<6.50) AND bmival<17.32 bmicat1=1.
IF sex=1 AND (intexage>=6.50 AND intexage<7) AND bmival<17.10 bmicat1=1.
IF sex=2 AND (intexage>=6.50 AND intexage<7) AND bmival<17.49 bmicat1=1.

IF sex=1 AND (intexage>=7 AND intexage<7.50) AND bmival<17.24 bmicat1=1.
IF sex=2 AND (intexage>=7 AND intexage<7.50) AND bmival<17.71 bmicat1=1.
IF sex=1 AND (intexage>=7.50 AND intexage<8) AND bmival<17.41 bmicat1=1.
IF sex=2 AND  (intexage>=7.50 AND intexage<8) AND bmival<17.96 bmicat1=1.

IF sex=1 AND (intexage>=8 AND intexage<8.50) AND bmival<17.61 bmicat1=1.
IF sex=2 AND (intexage>=8 AND intexage<8.50) AND bmival<18.23 bmicat1=1.
IF sex=1 AND (intexage>=8.50 AND intexage<9) AND bmival<17.83 bmicat1=1.
IF sex=2 AND (intexage>=8.50 AND intexage<9) AND bmival<18.52 bmicat1=1.

IF sex=1 AND (intexage>=9 AND intexage<9.50) AND bmival<18.08 bmicat1=1.
IF sex=2 AND (intexage>=9 AND intexage<9.50) AND bmival<18.82 bmicat1=1.
IF sex=1 AND (intexage>=9.50 AND intexage<10) AND bmival<18.35 bmicat1=1.
IF sex=2 AND (intexage>=9.50 AND intexage<10) AND bmival<19.15 bmicat1=1.

IF sex=1 AND (intexage>=10 AND intexage<10.50)  AND bmival<18.64 bmicat1=1.
IF sex=2 AND (intexage>=10 AND intexage<10.50) AND bmival<19.49 bmicat1=1.
IF sex=1 AND (intexage>=10.50 AND intexage<11) AND bmival<18.94 bmicat1=1.
IF sex=2 AND (intexage>=10.50 AND intexage<11) AND bmival<19.85 bmicat1=1.

IF sex=1 AND (intexage>=11 AND intexage<11.50) AND bmival<19.26 bmicat1=1.
IF sex=2 AND (intexage>=11 AND intexage<11.50) AND bmival<20.22 bmicat1=1.
IF sex=1 AND (intexage>=11.50 AND intexage<12) AND bmival<19.59 bmicat1=1.
IF sex=2 AND (intexage>=11.50 AND intexage<12) AND bmival<20.60 bmicat1=1.

IF sex=1 AND (intexage>=12 AND intexage<12.50) AND bmival<19.93 bmicat1=1.
IF sex=2 AND (intexage>=12 AND intexage<12.50) AND bmival<20.98 bmicat1=1.
IF sex=1 AND (intexage>=12.50 AND intexage<13) AND bmival<20.29 bmicat1=1.
IF sex=2 AND (intexage>=12.50 AND intexage<13) AND bmival<21.37 bmicat1=1.

IF sex=1 AND (intexage>=13 AND intexage<13.50) AND bmival<20.65 bmicat1=1.
IF sex=2 AND (intexage>=13 AND intexage<13.50) AND bmival<21.74 bmicat1=1.
IF sex=1 AND (intexage>=13.50 AND intexage<14) AND bmival<21.02 bmicat1=1.
IF sex=2 AND (intexage>=13.50 AND intexage<14) AND bmival<22.10 bmicat1=1.

IF sex=1 AND (intexage>=14 AND intexage<14.50) AND bmival<21.39 bmicat1=1.
IF sex=2 AND (intexage>=14 AND intexage<14.50) AND bmival<22.45 bmicat1=1.
IF sex=1 AND (intexage>=14.50 AND intexage<15)  AND bmival<21.76 bmicat1=1.
IF sex=2 AND (intexage>=14.50 AND intexage<15) AND bmival<22.77 bmicat1=1.
```

```
IF sex=1 AND (intexage>=15 AND intexage<15.50) AND bmival<22.12 bmicat1=1.
IF sex=2 AND (intexage>=15 AND intexage<15.50) AND bmival<23.08 bmicat1=1.
IF sex=1 AND (intexage>=15.50 AND intexage<16) AND bmival<22.48 bmicat1=1.
IF sex=2 AND (intexage>=15.50 AND intexage<16)  AND bmival<23.35 bmicat1=1.


IF sex=1 AND (intexage>=2 AND intexage<2.50) AND (bmival>=18.12 AND bmival<19.10) bmicat1=2.
IF sex=2 AND (intexage>=2 AND intexage<2.50) AND (bmival>=17.83 AND bmival<18.84) bmicat1=2.
IF sex=1 AND (intexage>=2.50 AND intexage<3) AND (bmival>=17.80 AND bmival<18.77) bmicat1=2.
IF sex=2 AND (intexage>=2.50 AND intexage<3) AND (bmival>=17.55 AND bmival<18.56) bmicat1=2.

IF sex=1 AND (intexage>=3 AND intexage<3.50) AND (bmival>=17.55 AND bmival<18.51) bmicat1=2.
IF sex=2 AND (intexage>=3 AND intexage<3.50) AND (bmival>=17.39 AND bmival<18.42) bmicat1=2.
IF sex=1 AND (intexage>=3.50 AND intexage<4) AND (bmival>=17.32 AND bmival<18.27 ) bmicat1=2.
IF sex=2 AND (intexage>=3.50 AND intexage<4) AND (bmival>=17.29 AND bmival<18.35) bmicat1=2.

IF sex=1 AND (intexage>=4 AND intexage<4.50) AND (bmival>=17.13 AND bmival<18.08) bmicat1=2.
IF sex=2 AND (intexage>=4 AND intexage<4.50) AND (bmival>=17.23 AND bmival<18.32) bmicat1=2.
IF sex=1 AND (intexage>=4.50 AND intexage<5) AND (bmival>=17.01 AND bmival<17.97) bmicat1=2.
IF sex=2 AND (intexage>=4.50 AND intexage<5) AND (bmival>=17.17 AND bmival<18.31) bmicat1=2.

IF sex=1 AND (intexage>=5 AND intexage<5.50) AND (bmival>=16.96 AND bmival<17.95 ) bmicat1=2.
IF sex=2 AND (intexage>=5 AND intexage<5.50) AND (bmival>=17.16 AND bmival<18.35) bmicat1=2.
IF sex=1 AND (intexage>=5.50 AND intexage<6) AND (bmival>=16.96 AND bmival<17.99) bmicat1=2.
IF sex=2 AND (intexage>=5.50 AND intexage<6) AND (bmival>=17.21 AND bmival<18.46) bmicat1=2.

IF sex=1 AND (intexage>=6 AND intexage<6.50) AND (bmival>=17.01 AND bmival<18.10) bmicat1=2.
IF sex=2 AND (intexage>=6 AND intexage<6.50) AND (bmival>=17.32 AND bmival<18.65) bmicat1=2.
IF sex=1 AND (intexage>=6.50 AND intexage<7) AND (bmival>=17.10 AND bmival<18.26) bmicat1=2.
IF sex=2 AND (intexage>=6.50 AND intexage<7) AND (bmival>=17.49 AND bmival<18.91) bmicat1=2.

IF sex=1 AND (intexage>=7 AND intexage<7.50) AND (bmival>=17.24 AND bmival<18.48) bmicat1=2.
IF sex=2 AND (intexage>=7 AND intexage<7.50) AND (bmival>=17.71 AND bmival<19.22) bmicat1=2.
IF sex=1 AND (intexage>=7.50 AND intexage<8) AND (bmival>=17.41 AND bmival<18.74) bmicat1=2.
IF sex=2 AND (intexage>=7.50 AND intexage<8) AND (bmival>=17.96 AND bmival<19.56) bmicat1=2.

IF sex=1 AND (intexage>=8 AND intexage<8.50) AND (bmival>=17.61 AND bmival<19.04 ) bmicat1=2.
IF sex=2 AND (intexage>=8 AND intexage<8.50) AND (bmival>=18.23 AND bmival<19.93) bmicat1=2.
IF sex=1 AND (intexage>=8.50 AND intexage<9) AND (bmival>=17.83 AND bmival<19.36) bmicat1=2.
IF sex=2 AND (intexage>=8.50 AND intexage<9) AND (bmival>=18.52 AND bmival<20.30 ) bmicat1=2.

IF sex=1 AND (intexage>=9 AND intexage<9.50) AND (bmival>=18.08 AND bmival<19.70 ) bmicat1=2.
IF sex=2 AND (intexage>=9 AND intexage<9.50) AND (bmival>=18.82 AND bmival<20.70) bmicat1=2.
IF sex=1 AND (intexage>=9.50 AND intexage<10) AND (bmival>=18.35 AND bmival<20.05) bmicat1=2.
IF sex=2 AND (intexage>=9.50 AND intexage<10) AND (bmival>=19.15 AND bmival<21.10) bmicat1=2.

IF sex=1 AND (intexage>=10 AND intexage<10.50) AND (bmival>=18.64 AND bmival<20.42 ) bmicat1=2.
IF sex=2 AND (intexage>=10 AND intexage<10.50) AND (bmival>=19.49 AND bmival<21.52) bmicat1=2.
IF sex=1 AND (intexage>=10.50 AND intexage<11) AND (bmival>=18.94 AND bmival<20.79) bmicat1=2.
IF sex=2 AND (intexage>=10.50 AND intexage<11) AND (bmival>=19.85 AND bmival<21.94) bmicat1=2.

IF sex=1 AND (intexage>=11 AND intexage<11.50) AND (bmival>=19.26 AND bmival<21.18 ) bmicat1=2.
IF sex=2 AND (intexage>=11 AND intexage<11.50) AND (bmival>=20.22 AND bmival<22.36) bmicat1=2.
IF sex=1 AND (intexage>=11.50 AND intexage<12) AND (bmival>=19.59 AND bmival<21.57) bmicat1=2.
IF sex=2 AND (intexage>=11.50 AND intexage<12) AND (bmival>=20.60 AND bmival<22.80 ) bmicat1=2.

IF sex=1 AND (intexage>=12 AND intexage<12.50) AND (bmival>=19.93 AND bmival<21.96 ) bmicat1=2.
IF sex=2 AND (intexage>=12 AND intexage<12.50) AND (bmival>=20.98 AND bmival<23.22) bmicat1=2.
IF sex=1 AND (intexage>=12.50 AND intexage<13) AND (bmival>=20.29 AND bmival<22.36) bmicat1=2.
IF sex=2 AND (intexage>=12.50 AND intexage<13) AND (bmival>=21.37 AND bmival<23.65 ) bmicat1=2.

IF sex=1 AND (intexage>=13 AND intexage<13.50) AND (bmival>=20.65 AND bmival<22.77 ) bmicat1=2.
IF sex=2 AND (intexage>=13 AND intexage<13.50) AND (bmival>=21.74 AND bmival<24.06) bmicat1=2.
IF sex=1 AND (intexage>=13.50 AND intexage<14) AND (bmival>=21.02 AND bmival<23.17) bmicat1=2.
IF sex=2 AND (intexage>=13.50 AND intexage<14) AND (bmival>=22.10 AND bmival<24.45 ) bmicat1=2.

IF sex=1 AND (intexage>=14 AND intexage<14.50) AND (bmival>=21.39 AND bmival<23.58) bmicat1=2.
IF sex=2 AND (intexage>=14 AND intexage<14.50) AND (bmival>=22.45 AND bmival<24.82) bmicat1=2.
IF sex=1 AND (intexage>=14.50 AND intexage<15) AND (bmival>=21.76 AND bmival<23.97) bmicat1=2.
IF sex=2 AND (intexage>=14.50 AND intexage<15) AND (bmival>=22.77 AND bmival<25.16) bmicat1=2.

IF sex=1 AND (intexage>=15 AND intexage<15.50) AND (bmival>=22.12 AND bmival<24.36) bmicat1=2.
IF sex=2 AND (intexage>=15 AND intexage<15.50) AND (bmival>=23.08 AND bmival<25.49) bmicat1=2.
IF sex=1 AND (intexage>=15.50 AND intexage<16) AND (bmival>=22.48 AND bmival<24.74) bmicat1=2.
IF sex=2 AND (intexage>=15.50 AND intexage<16) AND (bmival>=23.35 AND bmival<25.78 ) bmicat1=2.
exe.

*obesity*.
IF sex=1 AND (intexage>=2 AND intexage<2.50) AND (bmival>=19.10) bmicat1=3.
IF sex=2 AND (intexage>=2 AND intexage<2.50) AND (bmival>=18.84) bmicat1=3.
IF sex=1 AND (intexage>=2.50 AND intexage<3) AND (bmival>=18.77) bmicat1=3.
IF sex=2 AND (intexage>=2.50 AND intexage<3) AND (bmival>=18.56) bmicat1=3.

IF sex=1 AND (intexage>=3 AND intexage<3.50) AND (bmival>=18.51) bmicat1=3.
IF sex=2 AND (intexage>=3 AND intexage<3.50) AND (bmival>=18.42) bmicat1=3.
IF sex=1 AND (intexage>=3.50 AND intexage<4) AND (bmival>=18.27) bmicat1=3.
```

```
IF sex=2 AND (intexage>=3.50 AND intexage<4) AND (bmival>=18.35 ) bmicat1=3.

IF sex=1 AND (intexage>=4 AND intexage<4.50) AND (bmival>=18.08) bmicat1=3.
IF sex=2 AND (intexage>=4 AND intexage<4.50) AND (bmival>=18.32) bmicat1=3.
IF sex=1 AND (intexage>=4.50 AND intexage<5) AND (bmival>=17.97) bmicat1=3.
IF sex=2 AND (intexage>=4.50 AND intexage<5) AND (bmival>=18.31) bmicat1=3.

IF sex=1 AND (intexage>=5 AND intexage<5.50) AND (bmival>=17.95) bmicat1=3.
IF sex=2 AND (intexage>=5 AND intexage<5.50) AND (bmival>=18.35) bmicat1=3.
IF sex=1 AND (intexage>=5.50 AND intexage<6) AND (bmival>=17.99) bmicat1=3.
IF sex=2 AND (intexage>=5.50 AND intexage<6) AND (bmival>=18.46) bmicat1=3.

IF sex=1 AND (intexage>=6 AND intexage<6.50) AND (bmival>=18.10) bmicat1=3.
IF sex=2 AND (intexage>=6 AND intexage<6.50) AND (bmival>=18.65) bmicat1=3.
IF sex=1 AND (intexage>=6.50 AND intexage<7) AND (bmival>=18.26) bmicat1=3.
IF sex=2 AND (intexage>=6.50 AND intexage<7) AND (bmival>=18.91) bmicat1=3.

IF sex=1 AND (intexage>=7 AND intexage<7.50) AND (bmival>=18.48) bmicat1=3.
IF sex=2 AND (intexage>=7 AND intexage<7.50) AND (bmival>=19.22) bmicat1=3.
IF sex=1 AND (intexage>=7.50 AND intexage<8) AND (bmival>=18.74) bmicat1=3.
IF sex=2 AND (intexage>=7.50 AND intexage<8) AND (bmival>=19.56) bmicat1=3.

IF sex=1 AND (intexage>=8 AND intexage<8.50) AND (bmival>=19.04) bmicat1=3.
IF sex=2 AND (intexage>=8 AND intexage<8.50) AND (bmival>=19.93) bmicat1=3.
IF sex=1 AND (intexage>=8.50 AND intexage<9) AND (bmival>=19.36) bmicat1=3.
IF sex=2 AND (intexage>=8.50 AND intexage<9) AND (bmival>=20.30) bmicat1=3.

IF sex=1 AND (intexage>=9 AND intexage<9.50) AND (bmival>=19.70) bmicat1=3.
IF sex=2 AND (intexage>=9 AND intexage<9.50) AND (bmival>=20.70) bmicat1=3.
IF sex=1 AND (intexage>=9.50 AND intexage<10) AND (bmival>=20.05) bmicat1=3.
IF sex=2 AND (intexage>=9.50 AND intexage<10) AND (bmival>=21.10) bmicat1=3.

IF sex=1 AND (intexage>=10 AND intexage<10.50) AND (bmival>=20.42) bmicat1=3.
IF sex=2 AND (intexage>=10 AND intexage<10.50) AND (bmival>=21.52) bmicat1=3.
IF sex=1 AND (intexage>=10.50 AND intexage<11) AND (bmival>=20.79) bmicat1=3.
IF sex=2 AND (intexage>=10.50 AND intexage<11) AND (bmival>=21.94) bmicat1=3.

IF sex=1 AND (intexage>=11 AND intexage<11.50) AND (bmival>=21.18) bmicat1=3.
IF sex=2 AND (intexage>=11 AND intexage<11.50) AND (bmival>=22.36) bmicat1=3.
IF sex=1 AND (intexage>=11.50 AND intexage<12) AND (bmival>=21.57) bmicat1=3.
IF sex=2 AND (intexage>=11.50 AND intexage<12) AND (bmival>=22.80) bmicat1=3.

IF sex=1 AND (intexage>=12 AND intexage<12.50) AND (bmival>=21.96) bmicat1=3.
IF sex=2 AND (intexage>=12 AND intexage<12.50) AND (bmival>=23.22) bmicat1=3.
IF sex=1 AND (intexage>=12.50 AND intexage<13) AND (bmival>=22.36) bmicat1=3.
IF sex=2 AND (intexage>=12.50 AND intexage<13) AND (bmival>=23.65) bmicat1=3.

IF sex=1 AND (intexage>=13 AND intexage<13.50) AND (bmival>=22.77) bmicat1=3.
IF sex=2 AND (intexage>=13 AND intexage<13.50) AND (bmival>=24.06) bmicat1=3.
IF sex=1 AND (intexage>=13.50 AND intexage<14) AND (bmival>=23.17) bmicat1=3.
IF sex=2 AND (intexage>=13.50 AND intexage<14) AND (bmival>=24.45) bmicat1=3.

IF sex=1 AND (intexage>=14 AND intexage<14.50) AND (bmival>=23.58) bmicat1=3.
IF sex=2 AND (intexage>=14 AND intexage<14.50) AND (bmival>=24.82) bmicat1=3.
IF sex=1 AND (intexage>=14.50 AND intexage<15) AND (bmival>=23.97) bmicat1=3.
IF sex=2 AND (intexage>=14.50 AND intexage<15) AND (bmival>=25.16) bmicat1=3.

IF sex=1 AND (intexage>=15 AND intexage<15.50) AND (bmival>=24.36) bmicat1=3.
IF sex=2 AND (intexage>=15 AND intexage<15.50) AND (bmival>=25.49) bmicat1=3.
IF sex=1 AND (intexage>=15.50 AND intexage<16) AND (bmival>=24.74) bmicat1=3.
IF sex=2 AND (intexage>=15.50 AND intexage<16) AND (bmival>=25.78) bmicat1=3.

IF (bmiok<>1 | age<2 | age>=16 | intexage<0) bmicat1=-1.

exe.

VARIABLE LABELS bmicat1 '(D) BMI standards age 2-15 (85th/95th centile) updated 2008'.
value labels bmicat1
1 'Normal-weight'
2 'Over-weight'
3 'Obese'.
```

BMICAT2: (D) Children's BMI status (overweight incl. obese)

1   Neither overweight nor obese
2   Overweight incl obese

SPSS Syntax

```
RECODE bmicat1 (1=1) (2 thru 3=2)(else=copy) INTO bmicat2.
VARIABLE LABELS bmicat2 '(D) BMI status age 2-15 (ovrght inc. obese)'.
VALUE LABELS bmicat2
 1 'Neither overweight nor obese'
 2 'Overweight incl. obese'.
```

BMICAT3: (D) Children's BMI status (non-obese vs obese)
    1   Non-obese
    2   Obese

```
SPSS Syntax
RECODE bmicat1 (1 thru 2=1) (3=2)(else=copy) INTO bmicat3.
VAR LAB bmicat3 '(D) BMI status age 2-15 (non-obese vs obese)'.
VAL LAB bmicat3
 1 'Non-obese'
 2 'Obese'.
exe.
*missing values bmicat1 bmicat2 bmicat3 (-99 thru -1).
fre bmicat3.

temp.
select if (age>=2 and age<16 and  bmival~=-1 and bmicat1=-1).
list variables seriali age bmival.
EXECUTE.
```

WHVAL: (D) Valid Mean Waist/Hip ratio
```
SPSS Syntax

COMPUTE whval=-1.
IF whokb=1 whval=wstval/hipval.
VARIABLE LABEL whval "(D) Valid Mean Waist/Hip ratio".
FORMATS whval (F3.2).
exe.
```

MENWHGP: (D) Male waist-hip ratio groups (adults)
    1   Less than 0.80
    2   0.80, less than 0.85
    3   0.85, less than 0.90
    4   0.90, less than 0.95
    5   0.95, less than 1.00
    6   1.00 or more

MENWHHI: (D) Male high waist-hip ratio
    1   Less than 0.95
    2   0.95 or more

```
SPSS Syntax

do if sex=1.
recode whokb (-99 thru -1=COPY)(2 thru 5=-1) into menwhgp.
RECODE whval (1.00 THRU hi=6)(0.95 THRU 1.00=5)(0.90 THRU 0.95=4)(0.85 THRU 0.90=3)
   (0.80 THRU 0.85=2)(0.01 THRU 0.80=1) into menwhgp.
recode menwhgp (1 thru 4=1)(5,6=2)(-99 thru -1=copy) into menwhhi.
VAR LAB menwhgp '(D) Male waist hip ratio groups (adults)'.
VAL LAB menwhgp
    1 'Less than 0.80'
    2 '0.80, less than 0.85'
    3 '0.85, less than 0.90'
    4 '0.90, less than 0.95'
    5 '0.95, less than 1.00'
    6 '1.00 or more'.
VAR LAB menwhhi '(D) Male high waist hip ratio'.
VAL LAB menwhhi
  1 'Less than 0.95'
  2 '0.95 or more'.
end if.
if sex=2 menwhgp=-1.
if sex=2 menwhhi=-1.
if age<=15 menwhgp=-1.
if age<=15 menwhhi=-1.
```

WOMWHGP: (D) Female waist-hip ratio groups
    1   Less than 0.70
    2   0.70, less than 0.75
    3   0.75, less than 0.80
    4   0.80, less than 0.85
    5   0.85, less than 0.90
    6   0.90 or more
  -90   Pregnant

WOMWHHI: (D) Female high waist-hip ratio

    1   Less than 0.85
    2   0.85 or more
   -90   Pregnant

```
SPSS Syntax

do if sex=2.
recode whokb (-99 thru -1=COPY)(2 thru 5=-1) into womwhgp.
RECODE whval (0.90 THRU hi=6)(0.85 THRU 0.90=5)(0.80 THRU 0.85=4)(0.75 THRU 0.80=3)
  (0.70 thru 0.75=2)(0.01 thru 0.70=1) into womwhgp.
recode womwhgp (1 thru 4=1)(5,6=2)(-99 thru -1=copy) into womwhhi.

VAR LAB womwhgp '(D) Female waist hip ratio groups'.
VAL LAB womwhgp
    1 'Less than 0.70'
    2 '0.70, less than 0.75'
    3 '0.75, less than 0.80'
    4 '0.80, less than 0.85'
    5 '0.85, less than 0.90'
    6 '0.90 or more'
   -90 'Pregnant'.
VAR LAB womwhhi '(D) Female high waist hip ratio'.
VAL LAB womwhhi
   1 'Less than 0.85'
   2 '0.85 or more'
   -90 'Pregnant'.
end if.
if sex=1 womwhgp=-1.
if sex=1 womwhhi=-1.
if age<=15 womwhgp=-1.
if age<=15 womwhhi=-1.
fre womwhgp womwhhi.
```

WAISTHI: (D) Raised waist measurement over 102cm for men and 88cm for women

    1 Normal
    2 Over 102/88cm

```
SPSS syntax

recode wstval (0 thru hi = 1) (else = copy) into waisthi.
if sex = 1 and wstval >102 waisthi = 2.
if sex = 2 and wstval >88 waisthi = 2.
variable labels waisthi "(D) Raised waist measurement over 102cm for men and 88cm for women".
value labels waisthi
1 "Normal"
2 "Over 102 / 88 cm".
```

WSTGP3: (D) Waist circumference in in 3 groups (valid waist)

    1   Desirable - less than 94cm men or 80cm women'
    2   High – 94-102cm men or 80-88cm women '
    3   Very high – over 102cm men or 88cm women'.

```
SPSS syntax

DO IF (sex=1) .
        RECODE wstval  (0 thru 93.999=1) (94 thru 102=2) (102 thru Highest=3) (else = copy) INTO
wstgp3 .
        ELSE IF (sex=2) .
                RECODE wstval  (0 thru 79.999=1) (80 thru 88=2) (88 thru Highest=3) (else = copy) INTO
wstgp3 .
     END IF .
EXECUTE .
freq wstgp3.

VARIABLE LABELS wstgp3 "(D) waist circumference in 3 groups (valid waist)".
VALUE LABELS wstgp3
    1  'Desirable - less than 94cm men or 80cm women'
    2  'High – 94-102cm men or 80-88cm women '
    3  'Very high – over 102cm men or 88cm women'.
```

WAIST: (D) Waist circumference, defined by NICE (3 groups, based on valid waist and BMIvg6)

    1   Low waist circ
    2   High
    3   Very high

```
DO IF wstval>50 & range(BMIVG6,1,6).
   DO IF (sex=1) .
        RECODE wstval  (Lowest thru 93.999=1) (94 thru 102=2) (102 thru Highest=3)  INTO  waist .
        ELSE IF (sex=2) .
             RECODE wstval  (Lowest thru 79.999=1) (80 thru 88=2) (88 thru Highest=3)  INTO  waist .
     END IF .
     ELSE IF (wstval<=50 | (BMIvg6<1 | BMIvg6>6)).
         compute Waist=-1.
END IF.
EXECUTE .
freq waist.

VARIABLE LABELS Waist '(D) Waist circumference, defined by NICE (3 groups, based on valid waist and
BMIvg6)'.
VALUE LABELS WAIST
    1 'Low waist circ'
    2  'High'
    3 'Very high'.
cro/tables = waist by sex.
```

OHthRisk: (D) Health risk classifications based on BMI and waist circumference (as defined by NICE)

1   Underweight - low waist circ
2   Underweight - high waist circ
3   Underweight - very high waist circ
4   Normal - low waist circ
5   Normal - high waist circ
6   Normal - very high waist circ
7   Overweight - low waist circ
8   Overweight - high waist circ
9   Overweight - very high waist circ
10 Obese I - low waist circ
11 Obese I - high waist circ
12 Obese I - very high waist circ
13 Obese II - low waist circ
14 Obese II - high waist circ
15 Obese II - very high waist circ
16 Obese III - low waist circ
17 Obese III - high waist circ
18 Obese III - very high waist circ

```
if bmivg6=1 & waist=1 OhthRisk=1.
if bmivg6=1 & waist=2 OhthRisk=2.
if bmivg6=1 & waist=3 OhthRisk=3.
if bmivg6=2 & waist=1 OhthRisk=4.
if bmivg6=2 & waist=2 OhthRisk=5.
if bmivg6=2 & waist=3 OhthRisk=6.
if bmivg6=3 & waist=1 OhthRisk=7.
if bmivg6=3 & waist=2 OhthRisk=8.
if bmivg6=3 & waist=3 OhthRisk=9.
if bmivg6=4 & waist=1 OhthRisk=10.
if bmivg6=4 & waist=2 OhthRisk=11.
if bmivg6=4 & waist=3 OhthRisk=12.
if bmivg6=5 & waist=1 OhthRisk=13.
if bmivg6=5 & waist=2 OhthRisk=14.
if bmivg6=5 & waist=3 OhthRisk=15.
if bmivg6=6 & waist=1 OhthRisk=16.
if bmivg6=6 & waist=2 OhthRisk=17.
if bmivg6=6 & waist=3 OhthRisk=18.
if waist<0 OHthRisk=Waist.
EXECUTE.
VARIABLE LABELS OHthRisk "(D) Health risk classifications based on body mass index (BMI) and waist
circumference (as defined by NICE)".
VALUE LABELS OHthRisk
 1 'Underweight – low waist circ'
 2 'Underweight – high waist circ'
 3 'Underweight – very high waist circ'
 4 'Normal – low waist circ'
 5 'Normal – high waist circ'
 6 'Normal – very high waist circ'
 7 'Overweight – low waist circ'
 8 'Overweight – high waist circ'
 9 'Overweight – very high waist circ'
10 'Obese I – low waist circ'
11 'Obese I – high waist circ'
12 'Obese I – very high waist circ'
13 'Obese II – low waist circ'
14 'Obese II – high waist circ'
```

```
15 'Obese II - very high waist circ'
16 'Obese III - low waist circ'
17 'Obese III - high waist circ'
18 'Obese III - very high waist circ'.
```

OHthRiskg: (D) Health risk classifications based on BMI and waist circumference, grouped (as defined by NICE)

1 Unclassified
2 No increased risk
3 Increased risk
4 High risk
5 Very high risk

SPSS syntax

```
RECODE OHthRisk (1 thru 3=1)(4,5,7=2)(6,8,10=3) (9,11=4) (12 thru 18=5)(-1=-1) INTO OHthRiskg.
EXECUTE.
VARIABLE LABELS OHthRiskg "(D) Health risk classifications based on body mass index (BMI) and waist
circumference, grouped (as defined by NICE)".
VALUE LABELS OHthRiskg
1 'Unclassified (Underweight)'
2 'No increased risk'
3 'Increased risk'
4 'High risk'
5 'Very high risk'.
```

Waist and Hip Admin

WSTOKB: (D) Whether waist measurements are valid

1 Usable 1st & 2nd measurements
2 Usable 1st & 3rd measurements
3 Usable 2nd & 3rd measurements
4 Usable 1st & 2nd & 3rd measurements
5 Not useable: unreliable
6 Not useable: difference > 3cm
7 Partial response
8 Refused
9 Not attempted
-90 Pregnant

SPSS syntax

```
RECODE respwh (1=1)(2=7)(3=8)(4=9)(-6,-2,-1=COPY) INTO wstokb.
COMPUTE xxwst12=abs(waist1-waist2).
COMPUTE xxwst13=abs(waist1-waist3).
COMPUTE xxwst23=abs(waist2-waist3).
IF respwh=1 & xxwst12<=3 & any(wjrel,1,2,3) wstokb=1.
DO IF respwh=1 & xxwst12>3.
COMPUTE wstokb=6.
IF xxwst13<=3 wstokb=2.
IF xxwst23<=3 wstokb=3.
IF xxwst13<=3 & xxwst23<=3 wstokb=4.
END IF.
IF ANY(wjrel,4,-9) wstokb=5.
IF pregntj=1 wstokb=-90.
IF age<11 wstokb=-1.
VARIABLE LABELS wstokb "(D) Whether waist measurements are valid".
VALUE LABELS wstokb
 1 'Usable 1st & 2nd measurements'
 2 'Usable 1st & 3rd measurements'
 3 'Usable 2nd & 3rd measurements'
 4 'Usable 1st & 2nd & 3rd measurements'
 5 'Not useable: unreliable'
 6 'Not useable: difference > 3cm'
 7 'Partial response'
 8 'Refused'
 9 'Not attempted'
 -90 "Pregnant".
```

HIPOKB: (D) Whether hip measurements are valid

1 Usable 1st & 2nd measurements
2 Usable 1st & 3rd measurements
3 Usable 2nd & 3rd measurements
4 Usable 1st & 2nd & 3rd measurements
5 Not useable: unreliable

6   Not useable: difference > 3cm
        7   Partial response
        8   Refused
        9   Not attempted
        -90 Pregnant

```
SPSS syntax

RECODE respwh (1=1)(2=7)(3=8)(4=9)(-6,-2,-1=COPY) INTO hipokb.
COMPUTE xxhip12=abs(hip1-hip2).
COMPUTE xxhip13=abs(hip1-hip3).
COMPUTE xxhip23=abs(hip2-hip3).
IF respwh=1 & xxhip12<=3 & any(hjrel,1,2,3) hipokb=1.
DO IF respwh=1 & xxhip12>3.
COMPUTE hipokb=6.
IF xxhip13<=3 hipokb=2.
IF xxhip23<=3 hipokb=3.
IF xxhip13<=3 & xxhip23<=3 hipokb=4.
END IF.
IF ANY(hjrel,4,-9) hipokb=5.
IF pregntj=1 hipokb=-90.
IF age<11 hipokb=-1.
VARIABLE LABELS hipokb "(D) Whether hip measurements are valid".
VALUE LABELS hipokb
 1 'Usable 1st & 2nd measurements'
 2 'Usable 1st & 3rd measurements'
 3 'Usable 2nd & 3rd measurements'
 4 'Usable 1st & 2nd & 3rd measurements'
 5 'Not useable: unreliable'
 6 'Not useable: difference > 3cm'
 7 'Partial response'
 8 'Refused'
 9 'Not attempted'
 -90 "Pregnant".
```

WHOKB: (D) Whether waist/hip measurements are valid

        1   Valid
        2   Waist/Hip not usuable
        3   Waist/Hip partial response
        4   Waist/Hip refused
        5   Waist/Hip not attempted
        -90 Pregnant

Obtained readings are coded as valid initially and then reset to not usable if the interviewer has indicated that they are unreliable. In the syntax for WHOKB, each line takes precedence over the previous line, such that it WSTOKB=7 and HIPOKB=8, then WHOKB=4

```
SPSS Syntax

RECODE wstokb(-6,-2,-1=COPY) into whokb.
IF RANGE(wstokb,1,4) & RANGE(hipokb,1,4) whokb=1.
IF ANY(5,wstokb,hipokb) | ANY(6,wstokb,hipokb) whokb=2.
IF ANY(7,wstokb,hipokb) whokb=3.
IF ANY(8,wstokb,hipokb) whokb=4.
IF ANY(9,wstokb,hipokb) whokb=5.
IF hipokb=-90 whokb=-90.
IF age<11  whokb=-1.
VARIABLE LABELS whokb "(D) Whether waist/hip measure is valid".
VALUE LABELS whokb
  1 "Valid"
  2 "Waist/Hip not usable"
  3 "Waist/Hip partial response"
  4 "Waist/Hip refused"
  5 "Waist/Hip not attempted"
 -90 "Pregnant".
```

Blood sample

Admin

BSOUTE: (D) Blood Sample Outcome
    1   Blood sample obtained
    2   Blood sample attempted, not obtained
    3   Refused blood sample or Nurse
    4   Ineligible for Blood Sample or Nurse

```
SPSS Syntax

compute bsoute=4.
if age<16 bsoute=-1.
if age>=16 & any(nuroutc,80,82,83,84,85,86,87,88,89,90) bsoute=3.
if any(1,clotb,fit,pregntj) & age>=16 bsoute=4.
if bswill=2 bsoute=3.
recode samptak(1=1)(2=2) into bsoute.
variable labels bsoute "(D) Blood Sample Outcome".
value labels bsoute
 -1 "Item not applicable"
  1 "Blood sample obtained"
  2 "Blood sample attempted, not obtained"
  3 "Refused Blood Sample or Nurse"
  4 "Ineligible for Blood Sample or Nurse".
```

CHOLOK2: (D) Response to Total Cholesterol sample
HDLOK2: (D) Response to HDL Cholesterol sample
GLYHBOK: (D) Response to Glycated HB sample
    1   Valid sample
    2   Takes drugs affecting sample
    3   Sample not obtained, not usable
    4   Ineligible
    5   Refused

```
SPSS Syntax

recode samptak (-2=-2)(-1=4)(1,2=3) into cholok2.
if bswill=2 cholok2=5.
if cholest>0 & cholqual<0 cholok2=1.
if cholest>0 & lipid2=1 cholok2=2.
variable labels cholok2 "(D) Response to Total Cholesterol sample {revised}".
value labels cholok2
 1 "Valid sample"
 2 "Takes drugs affecting sample"
 3 "Sample not obtained, not usable"
 4 "Ineligible"
 5 "Refused".

recode samptak (-2=-2)(-1=4)(1,2=3) into hdlok2.
if bswill=2 hdlok2=5.
if hdlchol>0 & hdlqual<0 hdlok2=1.
if hdlchol>0 & lipid2=1 hdlok2=2.
variable labels hdlok2 "(D) Response to HDL Cholesterol sample {revised}".
value labels hdlok2
 1 "Valid sample"
 2 "Takes drugs affecting sample"
 3 "Sample not obtained, not usable"
 4 "Ineligible"
 5 "Refused".

recode samptak (-2=-2)(-1=4)(1,2=3) into glyhbok.
if bswill=2 glyhbok=5.
if glyhb>0 & glhbqual<0 glyhbok=1.
variable labels glyhbok "(D) Response to Glycated haemoglobin sample (%)".
value labels glyhbok
 1 "Valid sample"
 3 "Sample not obtained, not usable"
 4 "Ineligible"
 5 "Refused".
```

Measurements

CHOLVAL2: (D) Valid Total Cholesterol Result (revised)

```
SPSS Syntax

compute cholval2=-1.
if cholok2=1 cholval2=cholest.
formats cholval2 (F2.1).
variable labels cholval2 "(D) Valid Total Cholesterol result {revised}".
```

CHOLVAL12: (D) Valid Cholesterol Result (incl those on LLD) (revised)

```
SPSS Syntax

compute cholval12=-1.
if (cholok2=1 | cholok2=2) cholval12=cholest.
formats cholval12 (F2.1).
variable labels cholval12 "(D) Valid Total Cholesterol result (incl those on LLD) {revised}".
tables
/tables cholval12 by cholok2.
```

CHOLFOUR2: (D) Whether Total Cholesterol <4 (including those on LLD) (revised)
      1   <4.0
      2   >4.0

```
SPSS Syntax

COMPUTE cholfour2=cholval12.
If cholval12>=4.0 cholfour2=2.
if cholval12>0 & cholval12<4.0 cholfour2=1.
VALUE LABELS cholfour2
 1 "<4.0"
 2 ">=4.0".
variable labels cholfour2 "(D) Whether Total Cholesterol < 4 (incl those on LLD) {revised}".SPSS Syntax
```

CHOLFIVE2: (D) Whether Total Cholesterol <5 (including those on LLD) (revised)
      1   <5.0
      2   >5.0

```
SPSS Syntax

COMPUTE cholfive2=cholval12.
if cholval12>=5.0 cholfive2=2.
if cholval12>0 & cholval12<5.0 cholfive2=1.
variable labels cholfive2  "(D) Whether Total Cholesterol < 5 (incl those on LLD) {revised}".
VALUE LABELS cholfive2
 1 "<5.0"
 2 ">=5.0".
```

HDLVAL2: (D) Valid HDL Cholesterol Result (revised)

```
SPSS Syntax

compute hdlval2=-1.
if hdlok2=1 hdlval2=hdlchol.
formats hdlval2 (F2.1).
variable labels hdlval2 "(D) Valid HDL Cholesterol result {revised}".
```

HDLVAL12: (D) Valid HDL Cholesterol Result (incl those on LLD) (revised)

```
SPSS Syntax

compute hdlval12=-1.
if (hdlok2=1 | hdlok2=2) hdlval12=hdlchol.
formats hdlval12 (F2.1).
variable labels hdlval12 "(D) Valid HDL Cholesterol result (incl those on LLD) {revised}".
```

HDLONE2: (D) Whether HDL Cholesterol <1 (incl those on LLD) (revised)

    1   <1
    2   >1

SPSS Syntax

```
COMPUTE hdlone2=hdlval12.
if hdlval12>=1 hdlone2=2.
if hdlval12>0 and hdlval12<1 hdlone2=1.
VALUE LABELS hdlone2
 1 "<1"
 2 ">=1".
variable labels hdlone2 "(D) Whether HDL Cholesterol result <1 (incl those on LLD) {revised}".
```

GLYHBVAL: (D) Valid Glycated HB Result

SPSS Syntax

```
compute glyhbval=-1.
if glyhbok=1 glyhbval=glyhb.
formats glyhbval (F2.1).
variable labels glyhbval "(D) Valid Glycated haemoglobin result (%)".
```

GLYHB3G: (D) Glycated haemoglobin 3 groups

    1 Under 6.5
    2 6.5 to 7.4
    3 7.5 or over

SPSS Syntax

```
recode glyhbval (7.5 thru hi = 3) (6.5 thru 7.4 = 2) (0 thru 6.4 = 1) (else = copy) into glyhb3g.
add value labels glyhb3g
1 "Under 6.5"
2 "6.5 to 7.4"
3 "7.5 or over".
var label glyhb3g "(D) Glycated haemoglobin (%) 3 groups".
```

GLYHBHI: (D) Raised glycated haemoglobin

    1 Not raised (under 6.5)
    2 Raised (6.5 or over)

SPSS Syntax

```
recode glyhbval (6.5 thru hi = 2) (0 thru 6.4 = 1) (else = copy) into glyhbhi.
VARIABLE LABELS glyhbhi "(D) Raised Glycated haemoglobin (%)".
add value labels glyhbhi
 1 "Not raised (under 6.5)"
 2 "Raised (6.5 or over)".
```

IFFCVAL: (D) Valid Glycated haemoglobin Result in mmol per ml (IFFC)

SPSS Syntax

```
recode IFCCA1 (else = copy) into iffcval.
if glyhbval = 6.0 iffcval = 42.
if glyhbval<0 iffcval=glyhbval.
formats iffcval (F2.1).
Variable labels iffcval "(D) Valid Glycated haemoglobin result in mmol/ml (IFFC)".
```

Blood Pressure

Admin

BPRESPC: (D) Whether BP readings are valid
    1   Valid blood pressure measurement
    2   Ate, drank, smoked, exercised in previous half hour
    3   Not known if ate, drank, smoked or exercised
    4   Three valid readings not obtained
    5   Pregnant
    6   Refused, attempted but not obtained, not attempted

```
SPSS Syntax

RECODE respbps (1=1)(2,3=4)(4,5,6=6)(-9 thru -1=COPY) into bprespc.
IF ANY(full1,2,-8,-9) | ANY(full2,2,-8,-9) | ANY(full3,2,-8,-9) bprespc=4.
IF (respbps = 1 & any(1,consbx11,consbx12,consbx13,consbx14)) bprespc= 2.
IF (respbps = 1 & ANY(-9,consbx11,consbx12,consbx13,consbx14)) bprespc= 3.
IF (respbps = 1 & any(1,consu2x1,consu2x4)) bprespc= 2.
IF (respbps = 1 & ANY(-9,consu2x1,consu2x4)) bprespc= 3.
IF (pregntj = 1) bprespc = 5.
VARIABLE LABELs bprespc "(D) Whether BP readings are valid".
VALUE LABELS bprespc
 1 'Valid blood pressure measurement'
 2 'Ate, drank, smoked, exercised in previous half hour'
 3 'Not known if ate, drank, smoked or exercised'
 4 'Three valid readings not obtained'
 5 'Pregnant'
 6 'Refused, attempted but not obtained, not attempted'.
```

Measurements

In 2003 Blood pressure equipment was changed from Diamap to Omron. In previous years, blood pressure variables aware also derived using a calibration factor to convert readings from the Omron measurements to a Dinamap equivalent. Due to changes in thresholds and a lack oaf need for the Dinamap conversions, these variables have not been in the HSE2012 data.

OMDIAST: (D) Omron Diastolic BP (mean 2nd/3rd) inc. invalid
OMSYST: (D) Omron Systolic BP (mean 2nd/3rd) inc. invalid
OMMAP: (D) Omron Mean arterial pressure (mean 2nd/3rd) inc. invalid
OMPULS: (D) Omron Pulse pressure, systolic-diastolic inc. invalid

These set of variables take the average of the second and third BP readings, where the nurse has recorded that three valid readings were taken. The variables include people whose values are unreliable in that they have eaten, drank, smoked or exercised in the last half hour. To look at valid cases only, use the DIAVAL, SYSVAL, MAPVAL and PULVAL set of variables.

```
SPSS Syntax

DO REPEAT ommeas = omdiast omsyst ommap ompuls.
RECODE respbps (lo thru 0=COPY)(4 thru 6=-7)(2 thru 3=-9) INTO ommeas.
END REPEAT.
DO IF (respbps = 1).
COMPUTE omdiast = (dias2om + dias3om)/2.
COMPUTE omsyst = (sys2om + sys3om)/2.
COMPUTE ommap = (map2om + map3om)/2.
COMPUTE ompuls = omsyst-omdiast.
END IF.
VARIABLE LABELS omdiast "(D) Omron Diastolic BP (mean 2nd/3rd) inc. invalid" .
VARIABLE LABELS omsyst "(D) Omron Systolic BP (mean 2nd/3rd) inc. invalid" .
VARIABLE LABELS ommap "(D) Omron Mean arterial pressure (mean 2nd/3rd) inc. invalid" .
VARIABLE LABELS ompuls "(D) Omron Pulse pressure, systolic-diastolic inc. invalid" .
VALUE LABELS ompuls -7 'Refused, attempted but not obtained, not attempted'.
```

OMDIAVAL: (D) Omron Valid Mean Diastolic BP
OMSYSVAL: (D) Omron Valid Mean Systolic BP
OMMAPVAL: (D) Omron Valid Mean Arterial Pressure
OMPULVAL: (D) Omron Valid Pulse Pressure

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SPSS Syntax

```
DO REPEAT omval=omdiaval omsysval ommapval ompulval.
RECODE bprespc (lo thru 0=COPY)(2,5=-1)(3,4=-8)(6=-7) INTO omval.
END REPEAT.
DO IF bprespc=1.
COMPUTE omdiaval=omdiast.
COMPUTE omsysval=omsyst.
COMPUTE ommapval=ommap.
COMPUTE ompulval=ompuls.
END IF.
VARIABLE LABELS omdiaval "(D) Omron Valid Mean Diastolic BP" .
VARIABLE LABELS omsysval "(D) Omron Valid Mean Systolic BP" .
VARIABLE LABELS ommapval "(D) Omron Valid Mean Arterial Pressure" .
VARIABLE LABELS ompulval "(D) Omron Valid Pulse Pressure" .
```

</div>

HYPER1OM2: (D) Hypertensive categories: all prescribed drugs for BP (Omron readings) {revised}
HYPER2OM2: (D) Hypertensive categories: all taking BP drugs (Omron readings) {revised}
HY140OM2: (D) Hypertensive categories: 140/90: all prescribed drugs for BP (Omron readings) {revised}

> 1   Normotensive untreated
> 2   Normotensive treated
> 3   Hypertensive treated
> 4   Hypertensive untreated
> -7   Refused, attempted but not obtained, not attempted'.

HYPER1 considers people as being 'treated' only if they have been prescribed a drug specifically to reduce blood pressure, whereas HYPER2 categorises people as 'treated' if they are taking any drug that lowers blood pressure regardless of the reason that it has been prescribed. The syntax uses variables derived in the General Health section under Prescribed Medication: Drugs affecting blood analytes.

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SPSS Syntax

```
RECODE bprespc (2 thru 5,-1=-1)(-6,-2=COPY)(6=-7) INTO hyper1om2.
DO IF bprespc=1.
IF ANY(bpmedd2,0,-1) & RANGE(omsyst,0,159.999) & RANGE(omdiast,0,94.999)
  hyper1om2=1.
IF bpmedd2=1 & RANGE(omsyst,0,159.999) & RANGE(omdiast,0,94.999)
  hyper1om2=2.
IF bpmedd2=1 & (omsyst>=160 | omdiast>=95) hyper1om2=3.
IF ANY(bpmedd2,0,-1) & (omsyst>=160 | omdiast>=95) hyper1om2=4.
END IF.
VARIABLE LABELS hyper1om2
 "(D) Hypertensive categories: all prescribed drugs for BP (Omron readings) {revised}" .
VALUE LABELS hyper1om2
    1 'Normotensive untreated'
    2 'Normotensive treated'
    3 'Hypertensive treated'
    4 'Hypertensive untreated'
   -7 'Refused, attempted but not obtained, not attempted'.

RECODE bprespc (2 thru 5,-1=-1)(-6,-2=COPY)(6=-7) INTO hyper2om2.
DO IF bprespc=1.
IF ANY(bpmedc2,0,-1) & RANGE(omsyst,0,159.999) & RANGE(omdiast,0,94.999)
  hyper2om2=1.
IF bpmedc2=1 & RANGE(omsyst,0,159.999) & RANGE(omdiast,0,94.999)
  hyper2om2=2.
IF bpmedc2=1 & (omsyst>=160 | omdiast>=95) hyper2om2=3.
IF ANY(bpmedc2,0,-1) & (omsyst>=160 | omdiast>=95) hyper2om2=4.
END IF.
IF (bpmedc2 = -9) hyper2om2 = -9 .
VARIABLE LABELS hyper2om2
 "(D) Hypertensive categories: all taking BP drugs (Omron readings) {revised}" .
VALUE LABELS hyper2om2
    1 'Normotensive untreated'
    2 'Normotensive treated'
    3 'Hypertensive treated'
    4 'Hypertensive untreated'
   -7 'Refused, attempted but not obtained, not attempted'.

RECODE bprespc(2 thru 5,-1=-1)(-6,-2=COPY)(6=-7)  INTO hy140om2.
DO IF bprespc=1.
IF ANY(bpmedd2,0,-1) & RANGE(omsyst,0,139.999) &  RANGE(omdiast,0,89.999)
  hy140om2=1.
IF bpmedd2=1 & RANGE(omsyst,0,139.999) &  RANGE(omdiast,0,89.999)
```

</div>

```
   hy140om2=2.
IF bpmedd2=1 & (omsyst>=140 | omdiast>=90) hy140om2=3.
IF ANY(bpmedd2,0,-1) & (omsyst>=140 |  omdiast>=90) hy140om2=4.
END IF.
IF (bpmedd2 = -9) hy140om2 = -9 .
VARIABLE LABELS hy140om2
 "(D) Hypertensive categories:140/90: all prescribed drugs for BP (Omron readings) {revised}" .
VALUE LABELS hy140om2
 1 'Normotensive'
 2 'Hypertensive controlled'
 3 'Hypertensive uncontrolled'
 4 'Hypertensive untreated'
    -7 'Refused, attempted but not obtained, not attempted'.
```

HIBP1OM2: (D) Whether hypertensive: all prescribed drugs for BP (Omron readings) {revised}
HIBP2OM2: (D) Whether hypertensive: all taking BP drugs (Omron readings) {revised}
HBP140OM2: (D) Whether hypertensive:140/90: all prescribed drugs for BP (Omron readings) {revised}

      0   Not high BP
      1   High BP

HIGHBP1 corresponds to HYPER1, whereas HIGHBP2 corresponds to HYPER2. The class of people who would be assigned to different categories are those who are taking drugs which lower blood pressure, but have not been prescribed the drugs specifically to lower their blood pressure and who have a normotensive blood pressure reading. These people would be recorded as having high blood pressure in HIGHBP2, but not high blood pressure in HIGHBP1.

```
SPSS Syntax

RECODE hyper1om2 (lo thru -1=COPY)(1=0)(2,3,4=1) INTO hibp1om2.
VARIABLE LABELS hibp1om2 "(D) Whether hypertensive: all prescribed drugs for BP (Omron readings)
{revised}".
VALUE LABELS hibp1om2
  0 'Not high BP'
  1 'High BP'.
 -7 'Refused, attempted but not obtained, not attempted'.

RECODE hyper2om2 (lo thru -1=COPY)(1=0)(2,3,4=1) INTO hibp2om2.
VARIABLE LABELS hibp2om2 "(D) Whether hypertensive: all taking BP drugs (Omron readings) {revised}".
VALUE LABELS hibp2om2
  0 'Not high BP'
  1 'High BP'
 -7 'Refused, attempted but not obtained, not attempted'.

RECODE hy140om2 (lo thru -1=COPY)(1=0)(2,3,4=1)  INTO hbp140om2.
VARIABLE LABELS hbp140om2 "(D) Whether  hypertensive:140/90: all prescribed drugs for BP (Omron readings)
{revised}".
VALUE LABELS hbp140om2
  0 'Not high BP'
  1 'High BP'
 -7 'Refused, attempted but not obtained, not attempted'.
```

BPHI3G: (D) Valid blood pressure 3 groups
      1   BP under 130/80
      2   BP under 140/90 but not under 130/80
      3   BP 140/90 or above

```
SPSS syntax

recode omsysval (0 thru 129.5 = 1) (130 thru 139.5 = 2) (140 thru hi = 3) (else = copy) into bphi3g.
if bphi3g = 1 and omdiaval >= 80 bphi3g = 2.
if (bphi3g = 1 or bphi3g = 2) and omdiaval >= 90 bphi3g = 3.
var lab bphi3g "(D) Valid blood pressure 3 groups".
val lab bphi3g
1 "BP under 130/80"
2 "BP under 140/90 but not under 130/80"
3 "BP 140/90 or above"
-7 'Refused, attempted but not obtained, not attempted'.
```

HBP160OM2: (D) Hypertensive untreated (160/100)
      1   BP under 160/100 and/or taking medication
      2   BP 160/100 or above and not taking medication

```
SPSS syntax

recode hy140om2 (1 thru 3 = 1) (4=2) (else = copy) into hbp160om2.
if hy140om2>0 and range (omsysval,0,159.999) and range(omdiaval,0,99.999) hbp160om2 = 1.
var lab hbp160om2 "(D) Hypertensive untreated (160/100): all prescribed drugs for BP (Omron readings)
{revised}".
val lab hbp160om2
1 "BP under 160/100 and or taking medication"
```

```
2 "BP 160/100 or above and not taking medication"
-7 'Refused, attempted but not obtained, not attempted'.
```

Urine

Measurements

SODIUMVAL: (D) Valid sodium result

```
SPSS Syntax

NUMERIC sodiumval (F4.0).
if sodium=-1 sodiumval=-1.
if sodiumq=-1 & sodium>=1 sodiumval=sodium.
variable labels sodiumval "(D) Valid Sodium Result".
fre sodiumval.
cro sodiumval by sodiumq.
```

Drinking

Adults General

DNOFT3: (D) Frequency drink alcohol in past 12 months: including non-drinkers (16yrs+)

    1   Almost every day
    2   Five or six days a week
    3   Three or four days a week
    4   Once or twice a week
    5   Once or twice a month
    6   Once every couple of months
    7   Once or twice a year
    8   Not at all in the last 12 months/Non-drinker

```
SPSS Syntax

compute dnoft3=dnoft.
recode dnany(2=8)(-9,-8=COPY) into dnoft3.
recode dnnow(-9,-8=COPY) into dnoft3.
variable labels dnoft3 "(D) Frequency drink alcohol in past 12 months: including non-drinkers (16yrs+)".
value labels dnoft3
  1 "Almost every day"
  2 "Five or six days a week"
  3 "Three or four days a week"
  4 "Once or twice a week"
  5 "Once or twice a month"
  6 "Once every couple of months"
  7 "Once or twice a year"
  8 "Not at all in the last 12 months/Non-drinker".
```

DRINKYN: (D) Drink alcohol in last 12 months, binary

    1   No
    2   Yes

```
SPSS Syntax

COMPUTE DrinkYN=-99.
RECODE dnoft3 (1 thru 7=2) (8=1) (else=copy) INTO drinkYN.
VARIABLE LABELS drinkYN "(D) Drink alcohol in last 12 months, binary".
VALUE LABELS drinkYN
-1 'Not applicable'
-8 "Don't know"
-9 'Refuse'
 1 'No'
 2 "Yes".
```

NORBOT: (D) Normal beer bottle multiplier (16 yrs +)
STRBOT: (D) Strong beer bottle multiplier (16 yrs +)

```
SPSS Syntax

COMPUTE norbot=0.
IF l7ncodeq>=0 norbot=l7ncodeq*2.5.
COMPUTE strbot=0.
IF l7scodeq>=0 strbot=l7scodeq*4.
exe.
formats norbot strbot (F2.2).
VARIABLE LABELS norbot "(D) Normal beer bottle multiplier (16yrs+)".
VARIABLE LABELS strbot "(D) Strong beer bottle multiplier (16yrs+)".
```

Adults 7 Days[1]

D7MANY3: (D) Number of days drank in last week, including none

D7UNITWG: (D) Units drunk on heaviest day in last 7 (16yrs+)
D7UNITWGRP: (D) Units drunk on heaviest day in last 7 (16yrs+) (grouped)

1. Up to and including 2
2. Over 2 and up to (&including) 3
3. Over 3 and up to (&including) 4
4. Over 4 and up to (&including) 5
5. Over 5 and up to (&including) 6
6. Over 6 and up to (&including) 7
7. Over 8+

WDRINK07B : (D) Women number of units

-5 'Men'
0 'None'
1 'Up to and including 3 units'
2 'Greater than 3 and less than or equal to 6 units'
3 'Greater than 6 units'.

---

[1] Please note that in 2007 new questions were added asking which glass size was used when wine was consumed. Therefore the post HSE 2007 unit calculations are not directly comparable to previous years' data.

```
compute wdrink07B=-5.
DO if sex=2.
recode d7unitwgrp (6 thru 7=3)(3 thru 5=2)(1 thru 2=1)
 (else=copy) into wdrink07B.
recode d7many3 (0=0) into wdrink07B.
END if.
variable labels wdrink07B "(D) Women number of units".
value labels wdrink07B
-5 'Men'
0 'None'
1 'Up to and including 3 units'
2 'Greater than 3 and less than or equal to 6 units'
3 'Greater than 6 units'.
execute.
```

MDRINK07B: (D) Men number of units

    -5 'Women'
    0 'None'
    1 'Up to and including 4 units'
    2 'Greater than 4 and less than or equal to 8 units'
    3 'Greater than 8 units'.

SPSS syntax

```
compute mdrink07B=-5.
DO if sex=1.
recode d7unitwgrp (7=3)(4 thru 6=2)(1 thru 3=1)
 (else=copy) into mdrink07B.
recode d7many3 (0=0) into mdrink07B.
END if.
variable labels mdrink07B "(D) Men number of units".
value labels mdrink07B
-5 'Women'
0 'None'
1 'Up to and including 4 units'
2 'Greater than 4 and less than or equal to 8 units'
3 'Greater than 8 units'.
execute.
```

ALCLIMIT07B: (D) Alcohol units – limits based on (variable d7unitwgrp) units per day.

    0   None
    1   <=4 units/day (men), <=3 (women)
    2   >4 and <= 8 (men), >3 and less than or equal to 6 (women)
    3   Greater than 8 units (men), greater than 6 units (women)

SPSS Syntax

```
missing values wdrink07B mdrink07B().
COMPUTE alclimit07B =-1.
if (mdrink07B=0) alclimit07B =0.
IF (mdrink07B=1) alclimit07B =1.
IF mdrink07B=2 alclimit07B =2.
IF mdrink07B=3 alclimit07B =3.
if (wdrink07B=0) alclimit07B =0.
IF (wdrink07B=1) alclimit07B =1.
IF wdrink07B=2 alclimit07B =2.
IF wdrink07B=3 alclimit07B =3.
if ((wdrink07B=-8|wdrink07B=-9|wdrink07B=-1) and (mdrink07B=-1|mdrink07B=-9|mdrink07B=-8)) alclimit07B =-
1.
miss val alclimit07B (-9).
VAR LAB alclimit07B "(D) Alcohol units - limits based on (variable d7unitwgrp ) units per day".
VAL LAB alclimit07B
-1 'Not Applicable'
0 'None'
1 '<=4 units/day (men), <=3 (women)'
2 '>4 and <= 8 (men), >3 and less than or equal to 6 (women)'
3 'Greater than 8 units (men), greater than 6 units (women)'.
missing values wdrink07B (-9 thru -1).
```

D7BEERU: (D) Units of normal beer on heaviest day

SPSS Syntax

```
freq nberqhp7 nberqsm7 nberqlg7 nberqbt7 nberqpt7 d7unitwg.
NUMERIC d7beeru (F2.1).
COMPUTE d7beeru=0.
IF (nberqhp7>0) d7beeru=d7beeru+nberqhp7.
IF (nberqsm7>0) d7beeru=d7beeru+nberqsm7*1.5.
IF (nberqlg7>0) d7beeru=d7beeru+nberqlg7*2.
IF (nberqbt7>0) d7beeru=d7beeru+nberqbt7*norbot.
IF (nberqpt7>0) d7beeru=d7beeru+nberqpt7*2.
if d7unitwg<= 0 d7beeru = d7unitwg .
VARIABLE LABELS d7beeru"(D) Units of normal beer on heaviest day".
```

D7SBU: (D) Units of strong beer on heaviest day

```
SPSS Syntax

NUMERIC d7sbu (F2.1).
COMPUTE d7sbu=0.
IF (sberqhp7>0) d7sbu=d7sbu+sberqhp7*2.
IF (sberqpt7>0) d7sbu=d7sbu+sberqpt7*4.
IF (sberqsm7>0) d7sbu=d7sbu+sberqsm7*2.
IF (sberqbt7>0) d7sbu=d7sbu+sberqbt7*strbot.
IF (sberqlg7>0) d7sbu=d7sbu+sberqlg7*3.
if d7unitwg<= 0 d7sbu = d7unitwg .
VARIABLE LABELS d7sbu"(D) Units of strong beer on heaviest day".
```

D7SPIRU: (D) Units of spirits on heaviest day

```
SPSS Syntax

NUMERIC d7spiru (F2.1).
compute d7spiru=0 .
IF (spirqme7>0) d7spiru=spirqme7.
if d7unitwg<= 0 d7spiru = d7unitwg .
VARIABLE LABELS d7spiru "(D) Units of spirits on heaviest day".
```

D7WINU: (D) Units of wine on heaviest day

```
SPSS Syntax

NUMERIC d7winu (F2.1).
compute d7winu=0 .
IF (wgls250ml>0) d7winu=d7winu+wgls250ml*3.0.
IF (wgls175ml>0) d7winu=d7winu+wgls175ml*2.0.
IF (wgls125ml>0) d7winu=d7winu+wgls125ml*1.5.
IF (wbtlgz>0) d7winu=d7winu+wbtlgz*1.5.
if d7unitwg<= 0 d7winu = d7unitwg .
VARIABLE LABELS d7winu" (D) Units of wine on heaviest day".
```

D7SHERU: (D) Units of sherry on heaviest day

```
SPSS Syntax

NUMERIC d7sheru (F2.1).
compute d7sheru=0 .
IF (sherqgs7>0) d7sheru=sherqgs7.
if d7unitwg<= 0 d7sheru = d7unitwg .
VARIABLE LABELS d7sheru "(D) Units of sherry on heaviest day".
```

D7POPU: (D) Units of alcopops on heaviest day

```
SPSS Syntax

NUMERIC d7popu (F2.1).
compute d7popu=0 .
IF (popsqsm7>0) d7popu=d7popu+popsqsm7*1.5.
IF (popsqlg7>0) d7popu=d7popu+popsqlg7*3.
if d7unitwg<= 0 d7popu = d7unitwg .
VARIABLE LABELS d7popu "(D) Units of alcopops on heaviest day".
```

Adult 12 months

NBEERWU: (D) Units of normal beer/week
SBEERWU: (D) Units of strong beer/week
SPIRWU: (D) Units of spirits/week
SHERWU: (D) Units of sherry/week
WINEWU: (D) Units of wine/week
POPSWU: (D) Units of alcopops/week

Variables with 'x' as a prefix are temporary variables and are not kept on the final data

SPSS Syntax

```
missing values all () .
compute xnbeer=0 .
do if nbeer > 0.
RECODE nbeer (1=7)(2=5.5)(3=3.5)(4=1.5)(5=0.375)(6=0.115)(7=0.029)(ELSE=0)
  INTO xnbeer.
else if scnbeer > 0.
RECODE scnbeer (1=7)(2=5.5)(3=3.5)(4=1.5)(5=0.375)(6=0.115)(7=0.029)(ELSE=0)
  INTO xnbeer.
end if .

compute xsbeer=0 .
do if sbeer>0 .
RECODE sbeer (1=7)(2=5.5)(3=3.5)(4=1.5)(5=0.375)(6=0.115)(7=0.029)(ELSE=0)
  INTO xsbeer.
else if scsbeer>0 .
RECODE scsbeer (1=7)(2=5.5)(3=3.5)(4=1.5)(5=0.375)(6=0.115)(7=0.029)(ELSE=0)
  INTO xsbeer.
end if .

compute xspir=0 .
do if spirits>0 .
RECODE spirits (1=7)(2=5.5)(3=3.5)(4=1.5)(5=0.375)(6=0.115)(7=0.029)(ELSE=0)
  INTO xspir.
else if scspirit>0 .
RECODE scspirit (1=7)(2=5.5)(3=3.5)(4=1.5)(5=0.375)(6=0.115)(7=0.029)(ELSE=0)
  INTO xspir.
end if .

compute xsher=0 .
do if sherry>0 .
RECODE sherry (1=7)(2=5.5)(3=3.5)(4=1.5)(5=0.375)(6=0.115)(7=0.029)(ELSE=0)
  INTO xsher.
else if scsherry>0 .
RECODE scsherry (1=7)(2=5.5)(3=3.5)(4=1.5)(5=0.375)(6=0.115)(7=0.029)(ELSE=0)
  INTO xsher.
end if .

COMPUTE xwine=0 .
do if wine>0 .
RECODE wine (1=7)(2=5.5)(3=3.5)(4=1.5)(5=0.375)(6=0.115)(7=0.029)(ELSE=0)
  INTO xwine.
else if scwine>0 .
RECODE scwine (1=7)(2=5.5)(3=3.5)(4=1.5)(5=0.375)(6=0.115)(7=0.029)(ELSE=0)
  INTO xwine.
end if .

compute xpops=0 .
do if pops>0 .
RECODE pops (1=7)(2=5.5)(3=3.5)(4=1.5)(5=0.375)(6=0.115)(7=0.029)(ELSE=0)
  INTO xpops.
else if scpops>0 .
RECODE scpops (1=7)(2=5.5)(3=3.5)(4=1.5)(5=0.375)(6=0.115)(7=0.029)(ELSE=0)
  INTO xpops.
end if .

exe.

COMPUTE nbeerwu=0.
*CAPI variables .
if (nbeerm1 > 0) nbeerwu=nbeerwu+(xnbeer*nbeerq1).
if (nbeerm2 > 0) nbeerwu=nbeerwu+(xnbeer*nbeerq2*1.5).
if (nbeerm3 > 0) nbeerwu=nbeerwu+(xnbeer*nbeerq3*2).
if (nbeerm4 > 0) nbeerwu=nbeerwu+(xnbeer*nbeerq4*1.5).
*self-comp variables .
if (scnbeeq1 > 0) nbeerwu=nbeerwu+(xnbeer*scnbeeq1).
if (scnbeeq2 > 0) nbeerwu=nbeerwu+(xnbeer*scnbeeq2*1.5).
if (scnbeeq3 > 0) nbeerwu=nbeerwu+(xnbeer*scnbeeq3*2).
formats nbeerwu (F2.1).
exe.
fre nbeerwu.

* strong beer.

COMPUTE sbeerwu=0.
*CAPI variables .
if (sbeerm1 > 0) sbeerwu=sbeerwu+(xsbeer*sbeerq1*2).
if (sbeerm2 > 0) sbeerwu=sbeerwu+(xsbeer*sbeerq2*2).
if (sbeerm3 > 0) sbeerwu=sbeerwu+(xsbeer*sbeerq3*3).
if (sbeerm4 > 0) sbeerwu=sbeerwu+(xsbeer*sbeerq4*2).
*self-comp variables .
if (scsbeeq1 > 0) sbeerwu=sbeerwu+(xsbeer*scsbeeq1*2).
if (scsbeeq2 > 0) sbeerwu=sbeerwu+(xsbeer*scsbeeq2*2).
if (scsbeeq3 > 0) sbeerwu=sbeerwu+(xsbeer*scsbeeq3*3).
formats sbeerwu (F2.1).
```

```
exe.
fre sbeerwu.

COMPUTE spirwu=0.
if (spiritsq>0) spirwu=spirwu+(xspir*spiritsq).
if (scspirq>0) spirwu=spirwu+(xspir*scspirq).
formats spirwu (f2.1).
exe.
fre spirwu.


COMPUTE sherwu=0.
if (sherryq>0) sherwu=sherwu+(xsher*sherryq).
if (scsherrq>0) sherwu=sherwu+(xsher*scsherrq).
formats sherwu (f2.1).
exe.
fre sherwu.

compute winewu=0 .
*CAPI variables .
if bwineq2=1 winewu=winewu+(xwine*wineq*1.5) .
if bwineq2=2 winewu=winewu+(xwine*wineq*2) .
if bwineq2=3 winewu=winewu+(xwine*wineq*3) .
if bwineq2=4 winewu=winewu+(xwine*wineq*9) .
if bwineq2=5 winewu=winewu+(xwine*wineq*2) .

*self-comp variables .
if (scwineq1>0) winewu=winewu+(xwine*scwineq1*1.5) .
if (scwineq2>0) winewu=winewu+(xwine*scwineq2*2) .
if (scwineq3>0) winewu=winewu+(xwine*scwineq3*3) .
if (scwineq4>0) winewu=winewu+(xwine*scwineq4*9) .
formats winewu (f2.1).
exe.
fre winewu.

COMPUTE popswu=0.
*CAPI variables .
if (popsly11>0) popswu=popswu+(xpops*popsq111*1.5).
if (popsly12>0) popswu=popswu+(xpops*popsq112*1.5).
if (popsly13>0) popswu=popswu+(xpops*popsq113*3).
*self-comp variables .
if (scpopsq1>0) popswu=popswu+(xpops*scpopsq1*3).
if (scpopsq2>0) popswu=popswu+(xpops*scpopsq2*1.5).
if (scpopsq3>0) popswu=popswu+(xpops*scpopsq3*1.5).
formats popswu (f2.1).
exe.
format nbeerwu sbeerwu spirwu sherwu winewu popswu (F3.2).
VARIABLE LABELS
   nbeerwu "(D) Units of normal beer/week"
   sbeerwu "(D) Units of strong beer/week"
   spirwu  "(D) Units of spirits/week"
   sherwu  "(D) Units of sherry/week"
   winewu  "(D) Units of wine/week"
   popswu  "(D) Units of alcopops/week".
exe.

add value labels nbeerwu sbeerwu spirwu sherwu winewu popswu
-9 "Refused/not answered"
-8 "Don't know"
-1 "Item not applicable".
```

TOTALWU: (D) Total unit so of alcohol/week

```
SPSS Syntax

COMPUTE totalwu=0.
IF (nbeerwu>0) totalwu=totalwu+nbeerwu.
IF (sbeerwu>0) totalwu=totalwu+sbeerwu.
IF (spirwu>0) totalwu=totalwu+spirwu.
IF (sherwu>0) totalwu=totalwu+sherwu.
IF (winewu>0) totalwu=totalwu+winewu.
IF (popswu>0) totalwu=totalwu+popswu.
IF ANY(-9,nbeerwu,sbeerwu,spirwu,sherwu,winewu,popswu) totalwu=-9.
IF ANY(-8,nbeerwu,sbeerwu,spirwu,sherwu,winewu,popswu) totalwu=-8.
IF ANY(-1,nbeerwu,sbeerwu,spirwu,sherwu,winewu,popswu) totalwu=-1.
IF age<16 totalwu=-1.
VARIABLE LABELS totalwu "(D) Total units of alcohol/week".
FORMATS totalwu (F3.2).
value label totalwu
-9 "Refused/not answered"
-8 "Don't know"
-1 "Item not applicable".
```

TOTALWUG: (D) Total units of alcohol per week grouped

    0   None drinker/ not in last 12 months
    1   Non-zero, but under 1
    2   1-7
    3   Over 7-10
    4   Over 10-14
    5   Over 14-21
    6   Over 21-28
    7   Over 28-35
    8   Over 35-50
    9   Over 50

SPSS Syntax

```
compute totalwug=alcbase.
if range(alcbase,1,3) totalwug=0 .
if alcbase>3 totalwug=alcbase-3.
if dnoft=8 totalwug=0 .

VARIABLE LABELS totalwug "(D) Alcohol units per week grouped".
VALUE LABELS totalwug
  0 "Non-drinker/not in last 12 months"
  1 "Non-zero, but under 1"
  2 "1-7"
  3 "Over 7-10"
  4 "Over 10-14"
  5 "Over 14-21"
  6 "Over 21-28"
  7 "Over 28-35"
  8 "Over 35-50"
  9 "Over 50"
```

TOTALWUG2: (D) Alcohol units per week - risk groups

    0   Non drinker/not in last 12 months
    1   Lower risk (up to 21/14 units)
    2   Increased risk (21-50/14-35)
    3   Higher risk (more than 50/35)

SPSS Syntax

```
compute totalwug2 = 999999 .

if (totalwug <= 0) totalwug2 = totalwug .
if sex = 1 & range(totalwug, 1, 5) totalwug2 = 1 .
if sex = 1 & range(totalwug, 6, 8) totalwug2 = 2 .
if sex = 1 & totalwug = 9 totalwug2 = 3 .
if sex = 2 & range(totalwug, 1, 4) totalwug2 = 1 .
if sex = 2 & range(totalwug, 5, 7) totalwug2 = 2 .
if sex = 2 & range(totalwug,8, 9) totalwug2 = 3 .
exe .

var lab totalwug2 '(EF) Alcohol units per week - risk groups' .

val lab totalwug2
  0 'Non drinker/not in last 12 months'
  1 'Lower risk (up to 21/14 units)'
  2 'Increased risk (21-50/14-35)'
  3 'Higher risk (more than 50/35)' .

fre totalwug totalwug2 .
```

ALCBASE: (D) Alcohol consumption rating units/week

    0   Never drank
    1   Ex-drinker
    2   Trivial drinker
    3   Non-zero, but under 1
    4   1-7
    5   Over 7-10
    6   Over 10-14
    7   Over 14-21
    8   Over 21-28
    9   Over 28-35
    10 Over 35-50
    11 Over 50

SPSS Syntax

```
RECODE totalwu (0=3) (0 thru 0.5=4)(0.5 thru 7=5) (7 thru 10=6) (10 thru 14=7) (14 thru 21=8)
```

```
 (21 thru 28=9)( 28 thru 35=10) (35 thru 50=11)(50 thru hi=12) INTO alcbase.
exe.
RECODE dnevr(1=1)(2=2) INTO alcbase.
IF ANY(-9,totalwu,dnnow,dnany,dnevr) alcbase=-9.
IF ANY(-8,totalwu,dnnow,dnany,dnevr) alcbase=-8.
IF ANY(-1,totalwu,dnnow) alcbase=-1.
VARIABLE LABELS alcbase "(D) Alcohol consumption rating units/week".
VALUE LABELS alcbase
  1 "Never drank"
  2 "Ex-drinker"
  3 "Trivial drinker"
  4 "Non-zero, but under 1"
  5 "1-7"
  6 "Over 7-10"
  7 "Over 10-14"
  8 "Over 14-21"
  9 "Over 21-28"
  10 "Over 28-35"
  11 "Over 35-50"
  12 "Over 50"
-9 "Refused/not answered"
-8 "Don't know"
-1 "Item not applicable".
```

ALCBSMT: (D) Alcohol consumption: men

    0   Never drunk alcohol
    1   Ex-drinker
    2   Under 1 per week
    3   Over 1-10
    4   Over 10-21
    5   Over 21-35
    6   Over 35-50
    7   Over 50 units per week
    8   Over 50 units per week

```
DO IF (sex=1).
RECODE alcbase (1=1)(2=2)(3 thru 4=3)(5 thru 6=4)(7 thru 8=5)(9 thru 10=6)
  (11=7)(12=8)(lo thru -1=COPY) INTO alcbsmt .

END IF .
IF (sex=2) alcbsmt=-1 .
END IF .
IF (sex=1) alcbswt=-1 .
VARIABLE LABELS alcbsmt "(D) Alcohol consumption: men" .
VALUE LABELS alcbsmt
  1 'Never drunk alcohol'
  2 'Ex-drinker'
  3 'Under 1 per week'
  4 'Over 1-10'
  5 'Over 10-21'
  6 'Over 21-35'
  7 "Over 35-50"
  8 'Over 50 units per week'.
```

ALCBSWT: (D) Alcohol consumption: women

    1   Never drunk alcohol
    2   Ex-drinker
    3   Under 1 per week
    4   Over 1-7
    5   Over 7-14
    6   Over 14-21
    7   Over 21-35
    8   Over 35

```
DO IF (sex=2).
RECODE alcbase (1=1)(2=2)(3 thru 4=3)(5=4)(6 thru 7=5)(8=6)(9 thru 10=7)
  (11 thru 12=8)(lo thru -1=COPY) INTO alcbswt .
END IF .
IF (sex=1) alcbswt=-1 .
VARIABLE LABELS alcbswt "(D) Alcohol consumption: women" .
VALUE LABELS alcbswt
  1 'Never drunk alcohol'
  2 'Ex-drinker'
  3 'Under 1 per week'
  4 'Over 1-7'
  5 'Over 7-14'
  6 'Over 14-21'
  7 "Over 21-35"
  8 'Over 35'.
```

MENWUG: (D) Weekly alcohol consumption: men

    0 Non-drinker/not in the last 12 months
    1 Under 1 per week
    2 Over 1-10
    3 Over 10-21
    4 Over 21-35
    5 Over 35-50
    6 Over 50 units per week

SPSS Syntax

```
DO IF (sex=1).
RECODE totalwug (0=0) (1 =1) (2 thru 3=2 ) (4 thru 5=3) (6 thru 7=4)  (8=5) (9=6) (else=COPY) INTO menwug
IF (sex=2) menwug=-1
END IF .
VARIABLE LABELS menwug "(D) Weekly alcohol consumption: men" .
VALUE LABELS menwug
  0 'Non-drinker/not in last 12 months'
  1 'Under 1 per week'
  2 'Over 1-10'
  3 'Over 10-21'
  4 'Over 21-35'
  5 "Over 35-50"
  6 'Over 50 units per week'.
```

MENWUGg2: (D) Weekly alcohol consumption for men, 3 groups

    1   None/ up to 21 units
    2   21-50
    3   More than 50 units

SPSS Syntax

```
COMPUTE MenWUGg2=-99.
RECODE MenWug (0 thru 3=1)(4 thru 5=2)(6=3)(else=copy) into MenWUGg2.
VARIABLE LABELS MenWUGg2 "(D) Weekly alcohol consumption for men, 3 groups".
VALUE LABELS MenWUGg2
-1 'Not applicable'
-8 "Don't know"
-9 'Refuse'
 1 'None/Up to 21 units'
 2 '21-50'
 3 'More than 50 units'.
```

WOMENWUG: (D) Weekly alcohol consumption: women

    0 Non-drinker/not in the last 12 months
    1 Under 1 per week
    2 Over 1-7
    3 Over 7-14
    4 Over 14-21
    5 Over 21-35
    6 Over 35

SPSS Syntax

```
DO IF (sex=2).
RECODE totalwug (0=0) (1=1) (2=2) (3 thru 4=3) (5=4) (6 thru 7=5) (8 thru 9=6) (else=COPY) INTO womenwug .
END IF .
IF (sex=1) womenwug=-1 .
VARIABLE LABELS womenwug "(D) Weekly alcohol consumption: women" .
VALUE LABELS womenwug
  0 'Non-drinker/not in last 12 months'
  1 'Under 1 per week'
  2 'Over 1-7'
  3 'Over 7-14'
  4 'Over 14-21'
  5 "Over 21-35"
  6 'Over 35'.
```

WOMENWUGg2: (D) Weekly alcohol consumption for women, 3 groups

    1   None/ up to 14 units
    2   14-35
    3   More than 35 units

SPSS Syntax

```
COMPUTE WomenWUGg2=-99.
RECODE WomenWug  (0 thru 3=1) (4 thru 5=2) (6=3) (else=copy) into WomenWUGg2.
VARIABLE LABELS WomenWUGg2 "(D) Weekly alcohol consumption for Women, 3 groups".
```

```
VALUE LABELS WomenWUGg2
-1 'Not applicable'
-8 "Don't know"
-9 'Refuse'
 1 'None/Up to 14 units'
 2 '14-35'
 3 'More than 35 units'.
```

Children 13-15

ADRKWQ08[2]: (D) Total units of alcohol in last 7 days (13-15yrs)

Because data on drinking in the last 7 days for 13-15s is collected by self-completion, there is a greater level of missing data. The normal approach is if someone has missing data on any of the component variables to make them missing on the derived variable. In this case, because of the large amount of missing data, it was decided to temporarily set missing values equal to the mean of the valid answers to come up with an overall figure for units drunk in the last 7 days.

SPSS Syntax

```
exe. COMPUTE adrkwq08= 0 .
RECODE adrlast(-2=-2)(-9=-1)(-6=-6) INTO adrkwq08.
IF age>15 or age<13 adrkwq08=-2.
IF (aber2w=-9 & aspirw=-9 & asherw=-9 & awinew=-9 & apopsw=-9) adrkwq08=-9.
IF (aber2w=-2 & aspirw=-2 & asherw=-2 & awinew=-2 & apopsw=-2) adrkwq08=-2.
IF (adrlast=-1 and adrprop=-9 and (age>=13 and age<=15)) adrkwq08=-9.
IF (aber2w = 1 & xxber2q2 > 0) adrkwq08= adrkwq08+ xxber2q2 .
IF (aspirw = 1 & xxspirq > 0) adrkwq08= adrkwq08+ xxspirq .
IF (asherw = 1 & xxsherq > 0) adrkwq08= adrkwq08+ xxsherq .
IF (awinew = 1 & xxwineq> 0) adrkwq08= adrkwq08+ xxwineq.
IF (apopsw = 1 & xxpopsq2 > 0) adrkwq08= adrkwq08+ xxpopsq2 .
VARIABLE LABELS adrkwq08 "(D) Total units of alcohol in last 7 days (13-15yrs)".
formats adrkwq08 (F2.1).
add value labels adrkwq08 -2 'Schedule not applicable (aged<13 or >15)'.
```

ADRKWQ08G[2]: (D) Total units of alcohol in last 7 days (grouped) (13-15yrs)

         0   None
         1   Less than 1 unit
         2   1, under 2 units
         3   2, under 4 units
         4   4, under 6 units
         5   6, under 10 units
         6   10, under 15 units
         7   15 or more units

SPSS syntax

```
missing values adrkwq08 ().
Compute adrkwq08g=adrkwq08.
IF adrkwq08>0 and adrkwq08<1 adrkwq08g=1.
IF adrkwq08>=1 and adrkwq08<2 adrkwq08g=2.
IF adrkwq08>=2 and adrkwq08<4 adrkwq08g=3.
IF adrkwq08>=4 and adrkwq08<6 adrkwq08g=4.
IF adrkwq08>=6 and adrkwq08<10 adrkwq08g=5.
IF adrkwq08>=10 and adrkwq08<15 adrkwq08g=6.
IF adrkwq08>=15 adrkwq08g=7.
IF adrkwq08<0 adrkwq08g=adrkwq08.
var lab adrkwq08g "(D) Total units of alcohol in last 7 days - grouped (13-15yrs)".
val lab adrkwq08g
-2 'Schedule not applicable (aged<13 or >15)'
-1 'Item Not Applicable'
0 "None"
1 "Less than 1 unit"
2 "1, under 2 units"
3 "2, under 4 units"
4 "4, under 6 units"
5 "6, under 10 units"
6 "10, under 15 units"
7 "15 or more units".
```

---

[2] Please note that in 2007 new questions were added asking which glass size was used when wine was consumed, this created a false accuracy as 13-15yr old children rarely know about glass size, this was therefore not continued past 2007.

ABER2WC: (D) Drunk beer in last 7 days - inc. non-drinkers
ASPIRWC: (D) Drunk spirits in last 7 days - inc. non-drinkers
ASHERWC: (D) Drunk sherry in last 7 days - inc. non-drinkers
AWINEWC: (D) Drunk wine in last 7 days - inc. non-drinkers
APOPSWC: (D) Drunk alcopops in last 7 days - inc. non-drinkers

    0   Never drinks
    1   Has drunk drink in last 7 days
    2   Not drunk drink in last 7 days

All variables in this group have the same value labels.

SPSS Syntax

```
COMPUTE aber2wc=aber2w.
COMPUTE aspirwc=aspirw.
COMPUTE asherwc=asherw.
COMPUTE awinewc=awinew.
COMPUTE apopswc=apopsw.
DO REPEAT xxdk=aber2wc aspirwc asherwc awinewc apopswc.
IF RANGE(adrlast,4,7) & range(age,13,15) xxdk=2.
if adrpops=2 & range(age,13,15) xxdk=0.
IF any(-9,adrlast,adrprop,adrpops) & range(age,13,15) xxdk=-9.
END REPEAT.
VARIABLE LABELS
   aber2wc "(D) Drunk beer in last 7 days - inc. non-drinkers"
 /aspirwc "(D) Drunk spirits in last 7 days - inc. non-drinkers"
 /asherwc "(D) Drunk sherry in last 7 days - inc. non-drinkers"
 /awinewc "(D) Drunk wine in last 7 days - inc. non-drinkers"
 /apopswc "(D) Drunk alcopops in last 7 days - inc. non-drinkers".
VALUE LABELS aber2wc aspirwc asherwc awinewc apopswc
 0 "Never drinks"
 1 "Has drunk drink in last 7 days"
 2 "Not drunk drink in last 7 days".
```

Fruit and vegetable consumption

Fruit and vegetable consumption

PORLGE: (D) Large portion Please advise on label

```
SPSS Syntax

COMPUTE porlge=0.
DO REPEAT xxx=frtc01 frtc02 frtc03 frtc04 frtc05 frtc06 frtc07 frtc08 frtc09 frtc10 frtc11
  /yyy=frtq01 frtq02 frtq03 frtq04 frtq05 frtq06 frtq07 frtq08 frtq09 frtq10 frtq11.
IF (xxx=2 & yyy>0) porlge=porlge+yyy*2.
END REPEAT.
```

PORSML: (D) Small portion Please advise on label

```
SPSS Syntax

COMPUTE porsml=0.
DO REPEAT xxx=frtc01 frtc02 frtc03 frtc04 frtc05 frtc06 frtc07 frtc08 frtc09 frtc10 frtc11
  /yyy=frtq01 frtq02 frtq03 frtq04 frtq05 frtq06 frtq07 frtq08 frtq09 frtq10 frtq11.
IF (xxx=4 & yyy>0) | (xxx=5 & yyy>0) porsml=porsml+yyy/2.
```

POROTH: (D) Other portion Please advise on label

```
SPSS Syntax

COMPUTE poroth=0.
DO REPEAT xxx=frtc01 frtc02 frtc03 frtc04 frtc05 frtc06 frtc07 frtc08 frtc09 frtc10 frtc11
  /yyy=frtq01 frtq02 frtq03 frtq04 frtq05 frtq06 frtq07 frtq08 frtq09 frtq10 frtq11.
IF (xxx=1 & yyy>0) | (xxx=3 & yyy>0) poroth=poroth+yyy.
END REPEAT.
```

PORPUL: (D) Portion of pulses

```
SPSS Syntax

COMPUTE porpul=0.
IF (vegpul=1 & vegpulq>0) porpul=vegpulq/3.
IF porpul>1 porpul=1.
IF ANY(vegpul,-9,-8) | ANY(vegpulq,-9,-8) porpul=-9.
```

PORSAL: (D) Portion of salad

```
SPSS Syntax

COMPUTE porsal=0.
IF (vegsal=1 & vegsalq>0) porsal=vegsalq.
IF ANY(vegsal,-9,-8) | ANY(vegsalq,-9,-8) porsal=-9.
```

PORVEG: (D) Portion of vegetables

```
SPSS Syntax

COMPUTE porveg=0.
IF (vegveg=1 & vegvegq>0) porveg=vegvegq/3.
IF ANY(vegveg,-9,-8) | ANY(vegvegq,-9,-8) porveg=-9.
```

PORVDISH: (D) Portion of vegetables in composites

```
SPSS Syntax

COMPUTE porvdish=0.
IF (vegdish=1 & vegdishq>0) porvdish=vegdishq/3.
IF ANY(vegdish,-9,-8) | ANY(vegdishq,-9,-8) porvdish=-9.
```

PORJUICE: (D) Portion of fruit juice

SPSS Syntax

```
COMPUTE porjuice=0.
IF (frtdrnk=1 & frtdrnkq>0) porjuice=frtdrnkq.
IF porjuice>1 porjuice=1.
IF ANY(frtdrnk,-9,-8) | ANY(frtdrnkq,-9,-8) porjuice=-9.
```

PORFRT: (D) Portion of all sized fruit

SPSS Syntax

```
COMPUTE porfrt=porlge+porsml+poroth.
IF ANY(frt,-9,-8) porfrt=-9.
```

PORDRY: (D) Portion of dried fruit

SPSS Syntax

```
COMPUTE pordry=0.
IF (frtdry=1 & frtdryq>0) pordry=frtdryq.
IF pordry>1 pordry=1.
IF ANY(frtdry,-9,-8) | ANY(frtdryq,-9,-8) pordry=-9.
```

PORFROZ: (D) Portion of frozen fruit/ canned fruit

SPSS Syntax

```
COMPUTE porfroz=0.
IF (frtfroz=1 & frtfrozq>0) porfroz=frtfrozq/3.
IF ANY(frtfroz,-9,-8) | ANY(frtfrozq,-9,-8) porfroz=-9.
```

PORFDISH: (D) Portion of fruit in composites

SPSS Syntax

```
COMPUTE porfdish=0.
IF (frtdish=1 & frtdishq>0) porfdish=frtdishq/3.
IF ANY(frtdish,-9,-8) | ANY(frtdishq,-9,-8) porfdish=-9.
```

VEGPOR: (D) Total portion of vegetables (inc. salad)

SPSS Syntax

```
COMPUTE vegpor=porpul+porsal+porveg+porvdish.
IF porsal=-9 & porpul=-9 & porveg=-9 & porvdish=-9 vegpor=-9.
```

FRTPOR: (D) Total portion of fruit

SPSS Syntax

```
COMPUTE frtpor=porjuice+porfrt+pordry+porfroz+porfdish.
IF porjuice=-9 & pordry=-9 & porfroz=-9 & porfdish=-9 & porfrt=-9 frtpor=-9.
```

PORFV: (D) Total portion of fruit and veg

SPSS Syntax

```
COMPUTE porfv=vegpor+frtpor.
IF vegpor=-9 & frtpor=-9 porfv=-9.
```

PORFTVG: (D) Grouped portions of fruit (inc. orange juice) & veg yesterday

0	None
1	Less than 1 portion
2	1 portions or more but less than 2
3	2 portions or more but less than 3
4	3 portions or more but less than 4
5	4 portions or more but less than 5
6	5 portions or more but less than 6
7	6 portions or more but less than 7

8   7 portions or more but less than 8
9   8 portions or more

SPSS Syntax

```
RECODE porfv (0=0)(8 thru hi=9)(7 thru 8=8)(6 thru 7=7)(5 thru 6=6)(4 thru 5=5)(3 thru 4=4)(2 thru
3=3)
                    (1 thru 2=2)(0 thru 1=1)(else=copy) into porftvg.
VARIABLE LABELS  porftvg "(D) Grouped portions of fruit (inc.orange juice) & veg yesterday" .
VALUE LABELS porftvg
  0 "None"
  1 "Less than 1 portion"
  2 "1 portion or more but less than 2"
  3 "2 portions or more but less than 3"
  4 "3 portions or more but less than 4"
  5 "4 portions or more but less than 5"
  6 "5 portions or more but less than 6"
  7 "6 portions or more but less than 7"
  8 "7 portions or more but less than 8"
  9 "8 portions or more".
```

VEGYN: (D) Any vegetables? (binary)
0   None
1   Yes

SPSS Syntax

```
RECODE Porveg (0=0)(0 thru hi = 1) (else=copy) into VegYN.
VARIABLE LABELS VegYN "(D) Any vegetables? (binary)".
VALUE LABELS VegYN
0 "None"
1 "Yes".
```

VDISHYN: (D) Any vegetables in composites? (binary)
0   None
1   Yes

SPSS Syntax

```
RECODE Porvdish (0=0)(0 thru hi = 1) (else=copy) into VDishYN.
VARIABLE LABELS vdishyn "(D) Any vegetables in composites? (binary)".
VALUE LABELS VDishYN
0 "None"
1 "Yes".
```

FRTYN: (D) Any fresh fruit? (binary)
0   None
1   Yes

SPSS Syntax

```
RECODE Porfrt (0=0)(0 thru hi = 1) (else=copy) into FrtYn.
VARIABLE LABELS FrtYN "(D) Any fresh fruit? (binary)".
VALUE LABELS FrtYN
0 "None"
1 "Yes".
```

FDISHYN: (D) Any fruit in composites? (binary)
0   None
1   Yes

SPSS Syntax

```
RECODE Porfdish (0=0)(0 thru hi = 1) (else=copy) into fdishYN.
VARIABLE LABELS fdishYN "(D) Any fruit in composites? (binary)".
VALUE LABELS fdishYN
0 "None"
1 "Yes".
```

DRYYN:(D) Any dried fruit? (binary)
0   None
1   Yes

SPSS Syntax

```
RECODE Pordry (0=0)(0 thru hi = 1) (else=copy) into DryYN.
```

```
VARIABLE LABELS DryYN "(D) Any dried fruit? (binary)".
VALUE LABELS dryYN
0 "None"
1 "Yes".
```

FROZYN: (D) Any frozen fruit? (binary)

     0   None
     1   Yes

SPSS Syntax

```
RECODE Porfroz (0=0)(0 thru hi = 1)(else=copy) into frozYN.
VARIABLE LABELS FrozYN "(D) Any frozen fruit? (binary)".
VALUE LABELS frozYN
0 "None"
1 "Yes".
```

PULYN: (D) Any pulses? (binary)

     0   None
     1   Yes

SPSS Syntax

```
RECODE Porpul (0=0)(0 thru hi = 1) (else=copy) into PulYN.
VARIABLE LABELS PulYN "(D) Any pulses? (binary)".
VALUE LABELS PulYN
0 "None"
1 "Yes".
```

JUICEYN: (D) Any fruit juice? (binary)

     0   None
     1   Yes

SPSS Syntax

```
RECODE Porjuice (0=0)(0 thru hi = 1) (else=copy) into juiceYN.
VARIABLE LABELS juiceyn "(D) Any fruit juice? (binary)".
VALUE LABELS juiceyn
0 "None"
1 "Yes".
```

SALYN: (D) Any salad? (binary)

     0   None
     1   Yes

SPSS Syntax

```
RECODE Porsal (0=0)(0 thru hi = 1) (else=copy) into SalYN.
VARIABLE LABELS salyn "(D) Any salad? (binary)".
VALUE LABELS salyn
0 "None"
1 "Yes".
```

FVYN: (D) Any fruit and vegetables? (binary)

     0   None
     1   Yes

SPSS Syntax

```
RECODE PorFV (0=0)(0 thru hi = 1) (else=copy) into FVyn.
VARIABLE LABELS FVyn "(D) Any fruit and vegetables? (binary)".
VALUE LABELS FVyn
0 "None"
1 "Yes".
```

PORFV05: (D) Portions of fruit and vegetables consumed, 6 groups – capped 5+

     0   None
     1   Less than 1
     2   1 portion or more but less than 2
     3   2 portions or more but less then 3
     4   3 portions or more but less than 4
     5   4 portions or more but less than 5
     6   5 portions or more

SPSS Syntax

```
RECODE PorFtVg (7,8,9=6) (else=copy) into PorFV05.
```

```
VARIABLE LABELS PorFV05 "(D) Portions of fruit and vegetables consumed, 6 groups - capped at 5+".
VALUE LABELS PorFV05
-9 "No answer/refused"
-1 "Not applicable"
 0 "None"
 1 "Less than 1"
 2 "1 portion or more but less than 2"
 3 "2 portions or more but less than 3"
 4 "3 portions or more but less than 4"
 5 "4 portions or more but less than 5"
 6 "5 portions or more".
```

VEGTYN: (D) Any vegetables eaten, incl salad, excl pulses? (binary)
    0   None
    1   Yes

SPSS Syntax

```
COMPUTE VegtYN=-99.
IF range(age,0,4) VegtYN=-1.
IF (PorSal>0 | PorVeg>0 | PorVdish>0) VegtYN=1 .
IF (PorSal=0 & PorVeg=0 & PorVdish=0) VegtYN=0.
IF VegtYN=-99 & (any(0, PorSal, PorVeg, PorVdish) | any(-9, PorSal, PorVeg, PorVdish)) VegtYN=-9.
VARIABLE LABELS VegtYN "(D) Any vegetables eaten, incl salad, excl pulses? (binary)".
VALUE LABELS VegtYN
0 "None"
1 "Yes".
```

VEGTYN2: (D) Any vegetables eaten, excl salad & pulses? (binary)
    0   None
    1   Yes

SPSS Syntax

```
COMPUTE VegtYN2=-99.
IF RANGE(age,0,4) VegtYN2=-1.
IF (PorVeg>0 | PorVdish>0) VegtYN2=1 .
IF (PorVeg=0 & PorVdish=0) VegtYN2=0.
IF VegtYN2=-99 & (any(0, PorVeg, PorVdish) | any(-9,PorVeg, PorVdish)) VegtYN2=-9.
VARIABLE LABELS VegtYN2 "(D) Any vegetables eaten, excl salad & pulses? (binary)".
VALUE LABELS VegtYN2
0 "None"
1 "Yes".
```

FRTTYN: (D) Any fruit eaten? (Fruit, dry, frozen composites, incl juice, (binary))
    0   None
    1   Yes

SPSS Syntax

```
COMPUTE FrttYN=-99.
IF RANGE(age,0,4) FrttYN=-1.
IF (PorFRT>0 | PorDRY>0 | PorFRoz>0 | PorFDish>0 | PorJuice>0)  FrttYN=1 .
IF (PorFRT=0 & PorDRY=0 & PorFRoz=0 & PorFDish=0 & PorJuice=0)  FrttYN=0 .
IF FrttYN=-99 & (ANY(0, PorFRT, PorDRY, PorFRoz, PorFDish, PorJuice) | ANY(-9, PorFRT, PorDRY, PorFRoz,
PorFDish, PorJuice)) FrttYN=-9 .
VARIABLE LABELS FrttYN "(D) Any fruit eaten? (Fruit, dry, frozen composites, incl juice (binary))".
VALUE LABELS FrttYN
0 "None"
1 "Yes".
```

FRTTYN2: (D) Any fruit eaten? (Fruit, dry, frozen composites excl juice, (binary))
    0   None
    1   Yes

SPSS Syntax

```
COMPUTE FrttYN2=-99.
IF RANGE(age,0,4) FrttYN2=-1.
IF (PorFRT>0 | PorDRY>0 | PorFRoz>0 | PorFDish>0)  FrttYN2=1 .
IF (PorFRT=0 & PorDRY=0 & PorFRoz=0 & PorFDish=0)  FrttYN2=0 .
IF FrttYN2=-99 & (ANY(0, PorFRT, PorDRY, PorFRoz, PorFDish) | ANY(-9, PorFRT, PorDRY, PorFRoz, PorFDish))
FrttYN2=-9 .
VARIABLE LABELS FrttYN2 "(D) Any fruit eaten? (Fruit, dry, frozen composites excl juice, (binary))".
VALUE LABELS FrttYN2
0 "None"
1 "Yes".
```

General Health

General Health

ACUTILL: (D) Acute sickness last two weeks
    1   No acute sickness
    2   1-3 days
    3   4-6 days
    4   7-13 days
    5   A full 2 weeks

```
SPSS Syntax

COMPUTE acutill=lastfort .
IF lastfort=1 & dayscut<0 acutill=-9.
IF lastfort=2 acutill = 1 .
RECODE dayscut (1 thru 3=2) (4 thru 6=3) (7 thru 13=4) (14 thru hi=5) INTO acutill.
VARIABLE LABEL acutill "(D) Acute sickness last two weeks" .
VALUE LABELS acutill
 1 'No acute sickness'
 2 '1-3 days'
 3 '4-6 days'
 4 '7-13 days'
 5 'A full 2 weeks'.
```

General Wellbeing

WEMWBS: (D) WEMWBS Score

```
SPSS Syntax

COMPUTE wemwbs = 0.
DO REPEAT Wtemp=OPTIMF to CHEER.
if (Wtemp>=1) wemwbs=wemwbs+wtemp.
end repeat.
IF (ANY( -1, OPTIMF to CHEER)) wemwbs = -1.
IF (ANY( -8, OPTIMF to CHEER)) wemwbs = -8.
IF (ANY( -9, OPTIMF to CHEER)) wemwbs = -9.
VARIABLE LABELS wemwbs '(D) WEMWBS score'.
```

WEMWBS10: (D) Binary - Bottom 10th percentile of WEMWBS
    1   Bottom 10th percentile
    2   Above bottom 10th percentile

```
SPSS Syntax

COMPUTE Wemwbs10 = -99.
IF wemwbs = -1 wemwbs10 = -1.
IF wemwbs = -8 wemwbs10 = -8.
IF wemwbs = -9 wemwbs10 = -9.
IF range(Wemwbs,0,39) Wemwbs10 = 1.
IF range(Wemwbs,40,70) Wemwbs10 = 2.

VARIABLE LABELS Wemwbs10
'(D) Binary - Bottom 10th percentile of WEMWBS'.

VALUE LABELS Wemwbs10
1 'Bottom 10th percentile'
2 'Above bottom 10th percentile'
-1 'Not applicable'
-8 "Don't know"
-9 'Refused'.

freq wemwbs10.
cro wemwbs by wemwbs10.
```

Mental Health

DEPRESS: (D) Whether reported ever experienced depression, including post natal depression
1 Yes, with self reported diagnosis
2 Yes, without self reported diagnosis
3 No

```
SPSS Syntax

RECODE diabetes (-9 thru -2=COPY) (1=1) (2=2) (-1=2) INTO diabete2. freq diagcx7 diagcx8 BCond_7_HProf
BCond_8_HProf.
numeric Depress (f2.0).
compute Depress =-99.
if Diagcx7=1 and BCond_7_HProf=2 Depress =2.
if Diagcx8=1 and BCond_8_HProf=2 Depress =2.
if (Diagcx7=1 or Diagcx8=1) and (BCond_7_HProf=1 or BCond_8_HProf=1) Depress =1.
if Diagcx7=0 and Diagcx8=0 Depress =3.
if Diagcx7=-1 Depress =-1.
if Diagcx7=-8 Depress =-8.
if Diagcx7=-9 Depress =-9.
var lab Depress "(DV) Whether reported ever experienced depression, including post natal depression ".
val lab Depress
1 "Yes, with self reported diagnosis"
2 "Yes, without self reported diagnosis"
3 "No"
-9 "Refused"
-8 "Don't know"
-1 "Not applicable".
freq Depress.
```

PHOBIA: (D) Whether reported ever having a phobia
1 Yes, with self reported diagnosis
2 Yes, without self reported diagnosis
3 No

```
SPSS Syntax

freq diagcx1 BCond_1_HProf.
numeric Phobia (f2.0).
compute Phobia =-99.
if Diagcx1=1 and BCond_1_HProf=1 Phobia=1.
if Diagcx1=1 and BCond_1_HProf=2 Phobia=2.
if Diagcx1=0 Phobia=3.
if Diagcx1=-1 Phobia=-1.
if Diagcx1=-8 Phobia=-8.
if Diagcx1=-9 Phobia=-9.
var lab Phobia "(DV) Whether reported ever having a phobia".
val lab phobia
1 "Yes, with self reported diagnosis"
2 "Yes, without self reported diagnosis"
3 "No"
-9 "Refused"
-8 "Don't know"
-1 "Not applicable".
freq phobia.
```

PANIC: (D) Whether reported ever having panic attacks
1 Yes, with self reported diagnosis
2 Yes, without self reported diagnosis
3 No

```
SPSS Syntax

freq diagcx2 BCond_2_HProf.
numeric Panic (f2.0).
compute Panic =-99.
if Diagcx2=1 and BCond_2_HProf=1 Panic=1.
if Diagcx2=1 and BCond_2_HProf=2 Panic=2.
if Diagcx2=0 Panic=3.
if Diagcx2=-1 Panic=-1.
if Diagcx2=-8 Panic=-8.
if Diagcx2=-9 Panic=-9.
var lab Panic "(DV) Whether reported ever having panic attacks".
val lab Panic
1 "Yes, with self reported diagnosis"
2 "Yes, without self reported diagnosis"
3 "No"
-9 "Refused"
-8 "Don't know"
```

```
-1 "Not applicable".
freq Panic.
crosstabs Panic by diagcx2.
crosstabs Panic by BCond_2_HProf.
```

PTSD: (D) Whether reported ever having post traumatic stress disorder
   1 Yes, with self reported diagnosis
   2 Yes, without self reported diagnosis
   3 No

SPSS Syntax

```
freq diagcx3 BCond_3_HProf.
numeric PTSD (f2.0).
compute PTSD =-99.
if Diagcx3=1 and BCond_3_HProf=1 PTSD=1.
if Diagcx3=1 and BCond_3_HProf=2 PTSD=2.
if Diagcx3=0 PTSD=3.
if Diagcx3=-1 PTSD=-1.
if Diagcx3=-8 PTSD=-8.
if Diagcx3=-9 PTSD=-9.
var lab PTSD "(DV) Whether reported ever having post traumatic stress disorder".
val lab PTSD
1 "Yes, with self reported diagnosis"
2 "Yes, without self reported diagnosis"
3 "No"
-9 "Refused"
-8 "Don't know"
-1 "Not applicable".
freq PTSD.
crosstabs PTSD by diagcx3.
crosstabs PTSD by BCond_3_HProf.
```

GAD: (D) Whether reported ever having Generalised anxiety disorder (GAD)
   1 Yes, with self reported diagnosis
   2 Yes, without self reported diagnosis
   3 No

SPSS Syntax

```
freq diagcx5 BCond_5_HProf.
numeric GAD (f2.0).
compute GAD =-99.
if Diagcx5=1 and BCond_5_HProf=1 GAD=1.
if Diagcx5=1 and BCond_5_HProf=2 GAD=2.
if Diagcx5=0 GAD=3.
if Diagcx5=-1 GAD=-1.
if Diagcx5=-8 GAD=-8.
if Diagcx5=-9 GAD=-9.
var lab GAD "(DV) Whether reported ever having Generalised anxiety disorder (GAD)".
val lab GAD
1 "Yes, with self reported diagnosis"
2 "Yes, without self reported diagnosis"
3 "No"
-9 "Refused"
-8 "Don't know"
-1 "Not applicable".
freq GAD.
crosstabs GAD by diagcx5.
crosstabs GAD by BCond_5_HProf.
```

OCD: (D) Whether reported ever experienced obsessive compulsive disorder
   1 Yes, with self reported diagnosis
   2 Yes, without self reported diagnosis
   3 No

SPSS Syntax

```
freq diagcx14 BCond_14_HProf.
numeric OCD (f2.0).
compute OCD =-99.
if Diagcx14=1 and BCond_14_HProf=1 OCD =1.
if Diagcx14=1 and BCond_14_HProf=2 OCD =2.
if Diagcx14=0 OCD =3.
if Diagcx14=-1 OCD =-1.
if Diagcx14=-8 OCD =-8.
if Diagcx14=-9 OCD =-9.
var lab OCD  "(DV) Whether reported ever experienced obsessive compulsive disorder".
val lab OCD
1 "Yes, with self reported diagnosis"
```

```
2 "Yes, without self reported diagnosis"
3 "No"
-9 "Refused"
-8 "Don't know"
-1 "Not applicable".
freq OCD.
crosstabs OCD by diagcx14.
crosstabs OCD  by BCond_14_HProf.
```

BIPOLAR: (D) Whether reported ever having bipolar disorder (or 'manic depression')
      1 Yes, with self reported diagnosis
      2 Yes, without self reported diagnosis
      3 No

SPSS Syntax

```
freq diagcx6 BCond_6_HProf.
numeric Bipolar (f2.0).
compute Bipolar =-99.
if Diagcx6=1 and BCond_6_HProf=1 Bipolar =1.
if Diagcx6=1 and BCond_6_HProf=2 Bipolar =2.
if Diagcx6=0 Bipolar =3.
if Diagcx6=-1 Bipolar =-1.
if Diagcx6=-8 Bipolar =-8.
if Diagcx6=-9 Bipolar =-9.
var lab Bipolar   "(DV) Whether reported ever having bipolar disorder (or 'manic depression')".
val lab Bipolar
1 "Yes, with self reported diagnosis"
2 "Yes, without self reported diagnosis"
3 "No"
-9 "Refused"
-8 "Don't know"
-1 "Not applicable".
freq Bipolar.
crosstabs Bipolar  by diagcx6.
crosstabs Bipolar  by BCond_6_HProf.
```

EATDIS: (D) Whether reported ever having an eating disorder
      1 Yes, with self reported diagnosis
      2 Yes, without self reported diagnosis
      3 No

SPSS Syntax

```
freq diagcx10 BCond_10_HProf.
numeric EatDis (f2.0).
compute EatDis =-99.
if Diagcx10=1 and BCond_10_HProf=1 EatDis =1.
if Diagcx10=1 and BCond_10_HProf=2 EatDis =2.
if Diagcx10=0 EatDis =3.
if Diagcx10=-1 EatDis =-1.
if Diagcx10=-8 EatDis =-8.
if Diagcx10=-9 EatDis =-9.
var lab EatDis   "(DV) Whether reported ever having an eating disorder ".
val lab EatDis
1 "Yes, with self reported diagnosis"
2 "Yes, without self reported diagnosis"
3 "No"
-9 "Refused"
-8 "Don't know"
-1 "Not applicable".
freq EatDis.
crosstabs EatDis  by diagcx10.
crosstabs EatDis  by BCond_10_HProf.
```

NERVBD: (D) Whether reported ever experienced a nervous breakdown
      1 Yes, with self reported diagnosis
      2 Yes, without self reported diagnosis
      3 No

SPSS Syntax

```
freq diagcx11 BCond_11_HProf.
numeric NervBD (f2.0).
compute NervBD =-99.
if Diagcx11=1 and BCond_11_HProf=1 NervBD =1.
if Diagcx11=1 and BCond_11_HProf=2 NervBD =2.
if Diagcx11=0 NervBD =3.
if Diagcx11=-1 NervBD =-1.
if Diagcx11=-8 NervBD =-8.
```

```
if Diagcx11=-9 NervBD =-9.
var lab NervBD  "(DV) Whether reported ever experienced a nervous breakdown ".
val lab NervBD
1 "Yes, with self reported diagnosis"
2 "Yes, without self reported diagnosis"
3 "No"
-9 "Refused"
-8 "Don't know"
-1 "Not applicable".
freq NervBD.
crosstabs NervBD  by diagcx11.
crosstabs NervBD  by BCond_11_HProf.
```

PERSDIS: (D) Whether reported ever experienced a personality disorder
    1 Yes, with self reported diagnosis
    2 Yes, without self reported diagnosis
    3 No

SPSS Syntax

```
freq diagcx12 BCond_12_HProf.
numeric PersDis (f2.0).
compute PersDis =-99.
if Diagcx12=1 and BCond_12_HProf=1 PersDis =1.
if Diagcx12=1 and BCond_12_HProf=2 PersDis =2.
if Diagcx12=0 PersDis =3.
if Diagcx12=-1 PersDis =-1.
if Diagcx12=-8 PersDis =-8.
if Diagcx12=-9 PersDis =-9.
var lab PersDis  "(DV) Whether reported ever experienced a personality disorder".
val lab PersDis
1 "Yes, with self reported diagnosis"
2 "Yes, without self reported diagnosis"
3 "No"
-9 "Refused"
-8 "Don't know"
-1 "Not applicable".
freq PersDis.
crosstabs PersDis  by diagcx12.
crosstabs PersDis  by BCond_12_HProf.
```

PSYCH: (D) Whether reported ever experienced psychosis or schizophrenia
    1 Yes, with self reported diagnosis
    2 Yes, without self reported diagnosis
    3 No

SPSS Syntax

```
freq diagcx13 BCond_13_HProf.
numeric Psych (f2.0).
compute Psych=-99.
if Diagcx13=1 and BCond_13_HProf=1 Psych =1.
if Diagcx13=1 and BCond_13_HProf=2 Psych =2.
if Diagcx13=0 Psych =3.
if Diagcx13=-1 Psych =-1.
if Diagcx13=-8 Psych =-8.
if Diagcx13=-9 Psych =-9.
var lab Psych  "(DV) Whether reported ever experienced psychosis or schizophrenia".
val lab Psych
1 "Yes, with self reported diagnosis"
2 "Yes, without self reported diagnosis"
3 "No"
-9 "Refused"
-8 "Don't know"
-1 "Not applicable".
freq Psych.
crosstabs Psych by diagcx13.
crosstabs Psych  by BCond_13_HProf.
```

OTHMEN: (D) Whether reported ever experienced any other type of mental, emotional or neurological condition
    1 Yes, with self reported diagnosis
    2 Yes, without self reported diagnosis
    3 No

SPSS Syntax

```
freq diagcx17 BCond_17_HProf.
numeric OthMen(f2.0).
compute OthMen =-99.
if Diagcx17=1 and BCond_17_HProf=1 OthMen=1.
```

```
if Diagcx17=1 and BCond_17_HProf=2 OthMen =2.
if Diagcx17=0 OthMen=3.
if Diagcx17=-1 OthMen =-1.
if Diagcx17=-8 OthMen =-8.
if Diagcx17=-9 OthMen =-9.
var lab OthMen  "(DV) Whether reported ever experienced any other type of  mental, emotional or
neurological condition".
val lab OthMen
1 "Yes, with self reported diagnosis"
2 "Yes, without self reported diagnosis"
3 "No"
-9 "Refused"
-8 "Don't know"
-1 "Not applicable".
freq OthMen.
crosstabs OthMen by diagcx17.
crosstabs OthMen by BCond_17_HProf.
```

ADHD: (D) Whether reported ever having Attention deficit hyperactivity disorder (ADHD) Attention deficit disorder (ADD)

    1 Yes, with self reported diagnosis
    2 Yes, without self reported diagnosis
    3 No

SPSS Syntax

```
freq diagcx4 BCond_4_HProf.
numeric ADHD (f2.0).
compute ADHD =-99.
if Diagcx4=1 and BCond_4_HProf=1 ADHD=1.
if Diagcx4=1 and BCond_4_HProf=2 ADHD=2.
if Diagcx4=0 ADHD=3.
if Diagcx4=-1 ADHD=-1.
if Diagcx4=-8 ADHD=-8.
if Diagcx4=-9 ADHD=-9.
var lab ADHD "(DV) Whether reported ever having Attention deficit hyperactivity disorder (ADHD) Attention
deficit disorder (ADD)".
val lab ADHD
1 "Yes, with self reported diagnosis"
2 "Yes, without self reported diagnosis"
3 "No"
-9 "Refused"
-8 "Don't know"
-1 "Not applicable".
freq ADHD.
crosstabs ADHD by diagcx4.
crosstabs ADHD by BCond_4_HProf.
```

SAD: (D) Whether reported ever experienced seasonal affective disorder

    1 Yes, with self reported diagnosis
    2 Yes, without self reported diagnosis
    3 No

SPSS Syntax

```
freq diagcx15 BCond_15_HProf.
numeric SAD (f2.0).
compute SAD =-99.
if Diagcx15=1 and BCond_15_HProf=1 SAD =1.
if Diagcx15=1 and BCond_15_HProf=2 SAD =2.
if Diagcx15=0 SAD =3.
if Diagcx15=-1 SAD =-1.
if Diagcx15=-8 SAD =-8.
if Diagcx15=-9 SAD =-9.
var lab SAD  "(DV) Whether reported ever experienced seasonal affective disorder".
val lab SAD
1 "Yes, with self reported diagnosis"
2 "Yes, without self reported diagnosis"
3 "No"
-9 "Refused"
-8 "Don't know"
-1 "Not applicable".
freq SAD.
crosstabs SAD by diagcx15.
crosstabs SAD by BCond_15_HProf.
```

DEMENTIA: (D) Whether reported ever having dementia (including Alzheimers)

    1 Yes, with self reported diagnosis
    2 Yes, without self reported diagnosis
    3 No

```
freq diagcx9 BCond_9_HProf.
numeric Dementia (f2.0).
compute Dementia =-99.
if Diagcx9=1 and BCond_9_HProf=1 Dementia =1.
if Diagcx9=1 and BCond_9_HProf=2 Dementia =2.
if Diagcx9=0 Dementia =3.
if Diagcx9=-1 Dementia =-1.
if Diagcx9=-8 Dementia =-8.
if Diagcx9=-9 Dementia =-9.
var lab Dementia  "(DV) Whether reported ever having dementia (including Alzheimers) ".
val lab Dementia
1 "Yes, with self reported diagnosis"
2 "Yes, without self reported diagnosis"
3 "No"
-9 "Refused"
-8 "Don't know"
-1 "Not applicable".
freq Dementia.
crosstabs Dementia  by diagcx9.
crosstabs Dementia  by BCond_9_HProf.
```

ALCDRG: (D) Whether reported ever experienced drug or alcohol dependence
    1 Yes, with self reported diagnosis
    2 Yes, without self reported diagnosis
    3 No

```
freq diagcx16 BCond_16_HProf.
numeric AlcDrg(f2.0).
compute AlcDrg =-99.
if Diagcx16=1 and BCond_16_HProf=1 AlcDrg =1.
if Diagcx16=1 and BCond_16_HProf=2 AlcDrg =2.
if Diagcx16=0 AlcDrg=3.
if Diagcx16=-1 AlcDrg =-1.
if Diagcx16=-8 AlcDrg =-8.
if Diagcx16=-9 AlcDrg =-9.
var lab AlcDrg   "(DV) Whether reported ever experienced drug or alcohol dependence".
val lab AlcDrg
1 "Yes, with self reported diagnosis"
2 "Yes, without self reported diagnosis"
3 "No"
-9 "Refused"
-8 "Don't know"
-1 "Not applicable".
freq AlcDrg.
crosstabs AlcDrg by diagcx16.
crosstabs AlcDrg by BCond_16_HProf.
```

CMD: (D) Whether reported ever having experienced a common mental disorder that was diagnosed by a doctor, psychiatrist or other professional
    1 Yes
    0 No

```
freq Phobia Panic PTSD GAD Depress OCD.
numeric CMD (f2.0).
compute CMD =-99.
if any (-1, Phobia, Panic, PTSD, GAD, Depress, OCD) CMD=-1.
if any (-8, Phobia, Panic, PTSD, GAD, Depress, OCD) CMD=-8.
if any (-9, Phobia, Panic, PTSD, GAD, Depress, OCD) CMD=-9.
if Phobia=3 and Panic=3 and PTSD=3 and GAD=3 and Depress=3 and OCD=3 CMD=0.
if any (2, Phobia, Panic, PTSD, GAD, Depress, OCD) CMD=0.
if any (1, Phobia, Panic, PTSD, GAD, Depress, OCD) CMD=1.
var lab CMD  "(DV) Whether reported ever having experienced a common mental disorder that was diagnosed by
a doctor, psychiatrist or other professional".
val lab CMD
1 "Yes"
0 "No"
-9 "Refused"
-8 "Don't know"
-1 "Not applicable".
freq CMD.
crosstabs CMD by Phobia.
```

SMI: (D) Whether reported ever having experienced a serious mental illness that was diagnosed by a doctor, psychiatrist or other professional

    1 Yes
    0 No

```
SPSS Syntax

freq Bipolar EatDis NervBD PersDis Psych.
numeric SMI (f2.0).
compute SMI =-99.
if any (-1, Bipolar, EatDis, NervBD, PersDis, Psych) SMI=-1.
if any (-8, Bipolar, EatDis, NervBD, PersDis, Psych) SMI=-8.
if any (-9, Bipolar, EatDis, NervBD, PersDis, Psych) SMI=-9.
if Bipolar=3 and EatDis=3 and NervBD=3 and PersDis=3 and Psych=3 SMI=0.
if any (2, Bipolar, EatDis, NervBD, PersDis, Psych) SMI=0.
if any (1, Bipolar, EatDis, NervBD, PersDis, Psych) SMI=1.
var lab SMI  "(DV) Whether reported ever having experienced a serious mental illness that was diagnosed by
a doctor, pschiatrist or other professional".
val lab SMI
1 "Yes"
0 "No"
-9 "Refused"
-8 "Don't know"
-1 "Not applicable".
freq SMI.
crosstabs SMI by Bipolar.
```

OTHCOMP: (D) Whether reported ever having experienced a complex or other type of mental illness that was diagnosed by a doctor, psychiatrist or other professional

    1 Yes
    0 No

```
SPSS Syntax

freq ADHD Dementia SAD OthMen.
numeric OthComp (f2.0).
compute OthComp =-99.
if any (-1, ADHD, Dementia, SAD, OthMen) OthComp=-1.
if any (-8, ADHD, Dementia, SAD, OthMen) OthComp=-8.
if any (-9, ADHD, Dementia, SAD, OthMen) OthComp=-9.
if ADHD=3 and Dementia=3 and SAD=3 and OthMen=3 OthComp=0.
if any (2, ADHD, Dementia, SAD, OthMen) OthComp=0.
if any (1, ADHD, Dementia, SAD, OthMen) OthComp=1.
var lab OthComp  "(DV) Whether reported ever having experienced a complex or other type of mental illness
that was diagnosed by a doctor, pschiatrist or other professional".
val lab OthComp
1 "Yes"
0 "No"
-9 "Refused"
-8 "Don't know"
-1 "Not applicable".
freq OthComp.
crosstabs OthComp by OthMen.
```

MENTAL: (D) Whether any type of mental illness ever experienced and/or diagnosed (3 groups)

    2 Yes, at least one type experienced but not diagnosed
    1 Yes, at least one type experienced and diagnosed
    0 No mental illness diagnosed

```
SPSS Syntax

numeric Mental (f2.0).
compute Mental =-99.
if diagcx18 = 1 Mental = 0.
if Phobia =-1 Mental =-1.
if Phobia =-8 Mental =-8.
if Phobia =-9 Mental =-9.
if any(2, Phobia, Panic, PTSD, GAD, Depress, OCD, Bipolar, EatDis, NervBD, PersDis, Psych, ADHD, Dementia,
SAD, OthMen, AlcDrg) Mental=2.
if any(1, Phobia, Panic, PTSD, GAD, Depress, OCD, Bipolar, EatDis, NervBD, PersDis, Psych, ADHD, Dementia,
SAD, OthMen, AlcDrg) Mental=1.
var lab Mental  "(DV) Whether any type of mental illness ever experienced and/or diagnosed (3 groups)".
val lab Mental
2 "Yes, at least one type experienced but not diagnosed"
1 "Yes, at least one type experienced and diagnosed"
0 "No mental illness diagnosed"
-9 "Refused"
-8 "Don't know"
-1 "Not applicable".
freq Mental.
```

MENTAL2: (D) Whether any type of mental illness diagnosed (2 groups)
    1 Yes, at least one type experienced and diagnosed
    0 No mental illness diagnosed

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SPSS Syntax

```
numeric Mental2 (f2.0).
compute Mental2 =-99.
if not any(1, Phobia, Panic, PTSD, GAD, Depress, OCD, Bipolar, EatDis, NervBD, PersDis, Psych, ADHD,
Dementia, SAD, OthMen, AlcDrg) Mental2=0.
if Phobia=-1 Mental2=-1.
if Phobia=-8 Mental2=-8.
if Phobia=-9 Mental2=-9.
if any (1, Phobia, Panic, PTSD, ADHD, GAD, Bipolar, Depress, Dementia, EatDis, NervBD, PersDis, Psych,
OCD, SAD, AlcDrg, OthMen) Mental2=1.
var lab Mental2   "(DV) Whether any type of mental illness diagnosed (2 groups)".
val lab Mental2
1 "Yes, at least one type experienced and diagnosed"
0 "No mental illness diagnosed"
-9 "Refused"
-8 "Don't know"
-1 "Not applicable".
freq Mental2.
```
</div>

ALCDRG2: (D) Whether reported ever having experienced alcohol or drug dependence that was diagnosed by a doctor, psychiatrist or other professional
    1 Yes
    2 No

<div style="border:1px solid #000">

SPSS Syntax

```
compute AlcDrg2=AlcDrg.
recode AlcDrg2 (3=2).
var lab AlcDrg2  "(DV) Whether reported ever having experienced alcohol or drug dependence that was
diagnosed by a doctor, pschiatrist or other professional".
val lab AlcDrg2
1 "Yes"
2 "No".
freq AlcDrg2.
crosstabs AlcDrg by AlcDrg2.
```
</div>

ANYEXPSMI: (D) Experienced symptoms - serious mental illness
    1 Experienced SMI in last 12 months
    2 Experienced SMI but not in last 12 months

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SPSS Syntax

```
Numeric AnyExpSMI (f2.0).
Compute AnyExpSMI = -99.
If (BCond_6_HRecnt = -1 & BCond_10_HRecnt = -1 & BCond_11_HRecnt = -1 & BCond_12_HRecnt = -1 &
BCond_13_HRecnt = -1) AnyExpSMI = -1.
If any(-9, BCond_6_Hrecnt,   BCond_10_Hrecnt, BCond_11_Hrecnt,  BCond_12_Hrecnt, BCond_13_Hrecnt)
     AnyExpSMI = -9.
If any(-8, BCond_6_Hrecnt,   BCond_10_Hrecnt, BCond_11_Hrecnt,  BCond_12_Hrecnt, BCond_13_Hrecnt)
     AnyExpSMI = -8.
If any(2,  BCond_6_Hrecnt,   BCond_10_Hrecnt, BCond_11_Hrecnt,  BCond_12_Hrecnt, BCond_13_Hrecnt)
     AnyExpSMI = 2.
If any(1,  BCond_6_Hrecnt,   BCond_10_Hrecnt, BCond_11_Hrecnt,  BCond_12_Hrecnt, BCond_13_Hrecnt)
     AnyExpSMI = 1.
Variable Labels AnyExpSMI '(DV) Experienced symptons - serious mental illness'.
Value labels AnyExpSMI
1 'Experienced SMI in last 12 months'
2 'Experienced SMI but not in last 12 months'
-9 'Refused'
-8 "Don't know"
-1 'Not applicable'.
Freq AnyExpSMI.
```
</div>

ANYEXPOTH: (D) Experienced symptoms - other mental illness
    1 Experienced other/complex mental illness in last 12 months
    2 Experienced other/complex mental illness in but not in last 12 months

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SPSS Syntax

```
Numeric AnyExpOth (f2.0).
Compute AnyExpOth = -99.
If (BCond_4_HRecnt = -1 & BCond_9_HRecnt = -1 & BCond_15_HRecnt = -1 & BCond_17_HRecnt = -1) AnyExpOth = -
1.
If any(-9, BCond_4_Hrecnt,   BCond_9_Hrecnt,   BCond_15_Hrecnt, BCond_17_Hrecnt) AnyExpOth = -9.
If any(-8, BCond_4_Hrecnt,   BCond_9_Hrecnt,   BCond_15_Hrecnt, BCond_17_Hrecnt) AnyExpOth = -8.
If any(2,  BCond_4_Hrecnt,   BCond_9_Hrecnt,   BCond_15_Hrecnt, BCond_17_Hrecnt) AnyExpOth = 2.
```
</div>

```
If any(1,  BCond_4_Hrecnt,  BCond_9_Hrecnt,  BCond_15_Hrecnt, BCond_17_Hrecnt) AnyExpOth = 1.
Variable Labels AnyExpOth '(DV) Experienced symptons - other mental illness'.
Value labels AnyExpOth
1 'Experienced other/complex mental illness in last 12 months'
2 'Experienced other/complex mental illness in but not in last 12 months'
-9 'Refused'
-8 "Don't know"
-1 'Not applicable'.
Freq AnyExpOth.
```

TREAT12CMD: (D) Taken medication or had treatment in last 12 months for CMD

    1 Took medication for CMD
    2 Had therapy treatment for CMD
    3 Took medication and had therapy treatment for CMD
    4 No medication or treatment for CMD

```
SPSS Syntax

Numeric Treat12CMD (f2.0).
Compute Treat12CMD = -99.
If (BCond_1_NowMed = -1 & BCond_2_NowMed = -1 & BCond_3_NowMed = -1 & BCond_5_NowMed = -1 & BCond_7_NowMed
= -1 & BCond_8_NowMed = -1 &
  BCond_14_NowMed = -1 & BCond_1_NowThe = -1 & BCond_2_NowThe = -1 & BCond_3_NowThe = -1 & BCond_5_NowThe
= -1 & BCond_7_NowThe = -1 &
  BCond_8_NowThe = -1 & BCond_14_NowThe = -1) Treat12CMD = -1.
If any(-9, BCond_1_NowMed, BCond_2_NowMed, BCond_3_NowMed, BCond_5_NowMed, BCond_7_NowMed, BCond_8_NowMed,
BCond_14_NowMed,
BCond_1_NowThe, BCond_2_NowThe, BCond_3_NowThe, BCond_5_NowThe, BCond_7_NowThe, BCond_8_NowThe,
BCond_14_NowThe) Treat12CMD  = -9.
If any(-8, BCond_1_NowMed, BCond_2_NowMed, BCond_3_NowMed, BCond_5_NowMed, BCond_7_NowMed, BCond_8_NowMed,
BCond_14_NowMed,
BCond_1_NowThe, BCond_2_NowThe, BCond_3_NowThe, BCond_5_NowThe, BCond_7_NowThe, BCond_8_NowThe,
BCond_14_NowThe) Treat12CMD  = -8.
If any(2, BCond_1_NowMed, BCond_2_NowMed, BCond_3_NowMed, BCond_5_NowMed, BCond_7_NowMed, BCond_8_NowMed,
BCond_14_NowMed,
BCond_1_NowThe, BCond_2_NowThe, BCond_3_NowThe, BCond_5_NowThe, BCond_7_NowThe, BCond_8_NowThe,
BCond_14_NowThe) Treat12CMD  = 4.
If any(1, BCond_1_NowMed, BCond_2_NowMed, BCond_3_NowMed, BCond_5_NowMed, BCond_7_NowMed, BCond_8_NowMed,
BCond_14_NowMed) Treat12CMD = 1.
If any(1, BCond_1_NowThe, BCond_2_NowThe, BCond_3_NowThe, BCond_5_NowThe, BCond_7_NowThe, BCond_8_NowThe,
BCond_14_NowThe) Treat12CMD = 2.
If any(1, BCond_1_NowMed, BCond_2_NowMed, BCond_3_NowMed, BCond_5_NowMed, BCond_7_NowMed, BCond_8_NowMed,
BCond_14_NowMed) &
Any(1, BCond_1_NowThe, BCond_2_NowThe, BCond_3_NowThe, BCond_5_NowThe, BCond_7_NowThe, BCond_8_NowThe,
BCond_14_NowThe) Treat12CMD = 3.
Execute.
Variable Labels Treat12CMD '(DV) Taken medication or had treatment in last 12 months for CMD'.
Value labels Treat12CMD
1 'Took medication for CMD'
2 'Had therapy treatment for CMD'
3 'Took medication and had therapy treatment for CMD'
4 'No medication or treatment for CMD'
-9 'Refused'
-8 "Don't know"
-1 'Not applicable'.
Freq Treat12CMD.
```

TREAT12SMI: (D) Taken medication or had treatment in last 12 months for SMI

    1 Took medication for SMI
    2 Had therapy treatment for SMI
    3 Took medication and had therapy treatment for SMI
    4 No medication or treatment for SMI

```
SPSS Syntax

Numeric Treat12SMI (f2.0).
Compute Treat12SMI = -99.
If (BCond_6_NowMed = -1 & BCond_10_NowMed = -1 & BCond_11_NowMed = -1 & BCond_12_NowMed = -1 &
BCond_13_NowMed = -1 &
BCond_6_NowThe = -1 & BCond_10_NowThe = -1 & BCond_11_NowThe = -1 & BCond_12_NowThe = -1 & BCond_13_NowThe
= -1) Treat12SMI = -1.
If any(-9, BCond_6_NowMed, BCond_10_NowMed, BCond_11_NowMed, BCond_12_NowMed, BCond_13_NowMed,
BCond_6_NowThe,
BCond_10_NowThe, BCond_11_NowThe, BCond_12_NowThe, BCond_13_NowThe) Treat12SMI  = -9.
If any(-8, BCond_6_NowMed, BCond_10_NowMed, BCond_11_NowMed, BCond_12_NowMed, BCond_13_NowMed,
BCond_6_NowThe,
BCond_10_NowThe, BCond_11_NowThe, BCond_12_NowThe, BCond_13_NowThe) Treat12SMI  = -8.
If any(2, BCond_6_NowMed, BCond_10_NowMed, BCond_11_NowMed, BCond_12_NowMed, BCond_13_NowMed,
BCond_6_NowThe,
BCond_10_NowThe, BCond_11_NowThe, BCond_12_NowThe, BCond_13_NowThe) Treat12SMI  = 4.
If any(1, BCond_6_NowMed, BCond_10_NowMed, BCond_11_NowMed, BCond_12_NowMed, BCond_13_NowMed ) Treat12SMI
= 1.
If any(1, BCond_6_NowThe, BCond_10_NowThe, BCond_11_NowThe, BCond_12_NowThe, BCond_13_NowThe) Treat12SMI =
2.
```

```
If any(1, BCond_6_NowMed, BCond_10_NowMed, BCond_11_NowMed, BCond_12_NowMed , BCond_13_NowMed ) &
Any(1, BCond_6_NowThe, BCond_10_NowThe, BCond_11_NowThe, BCond_12_NowThe, BCond_13_NowThe) Treat12SMI = 3.
Execute.
Variable Labels Treat12SMI '(DV) Taken medication or had treatment in last 12 months for SMI'.
Value labels Treat12SMI
1 'Took medication for SMI'
2 'Had therapy treatment for SMI'
3 'Took medication and had therapy treatment for SMI'
4 'No medication or treatment for SMI'
-9 'Refused'
-8 "Don't know"
-1 'Not applicable'.
Freq Treat12SMI.
```

TREAT12OTHCOMP: (D) Taken medication or had treatment in last 12 months for other/complex mental illness

1   Took medication for other/complex mental illness
2   Had therapy treatment for other/complex mental illness
3   Took medication and had therapy treatment for other/complex mental illness
4   No medication or treatment for other/complex mental illness

```
SPSS Syntax

Numeric Treat12OthComp (f2.0).
Compute Treat12OthComp = -99.
If (BCond_4_NowMed = -1 & BCond_9_NowMed = -1 & BCond_15_NowMed = -1 & BCond_17_NowMed = -1 &
BCond_4_NowThe = -1 & BCond_9_NowThe = -1 & BCond_15_NowThe = -1 & BCond_17_NowThe = -1) Treat12OthComp =
-1.
If any(-9, BCond_4_NowMed, BCond_9_NowMed, BCond_15_NowMed, BCond_17_NowMed, BCond_4_NowThe,
BCond_9_NowThe, BCond_15_NowThe, BCond_17_NowThe) Treat12OthComp  = -9.
If any(-8, BCond_4_NowMed, BCond_9_NowMed, BCond_15_NowMed, BCond_17_NowMed, BCond_4_NowThe,
BCond_9_NowThe, BCond_15_NowThe, BCond_17_NowThe) Treat12OthComp  = -8.
If any(2, BCond_4_NowMed, BCond_9_NowMed, BCond_15_NowMed, BCond_17_NowMed, BCond_4_NowThe,
BCond_9_NowThe, BCond_15_NowThe, BCond_17_NowThe) Treat12OthComp  = 4.
If any(1, BCond_4_NowMed, BCond_9_NowMed, BCond_15_NowMed, BCond_17_NowMed) Treat12OthComp = 1.
If any(1, BCond_4_NowThe, BCond_9_NowThe, BCond_15_NowThe, BCond_17_NowThe) Treat12OthComp = 2.
If any(1, BCond_4_NowMed, BCond_9_NowMed, BCond_15_NowMed, BCond_17_NowMed) &
Any(1, BCond_4_NowThe, BCond_9_NowThe, BCond_15_NowThe, BCond_17_NowThe) Treat12OthComp = 3.
Execute.
Variable Labels Treat12OthComp '(DV) Taken medication or had treatment in last 12 months for other/complex
mental illness'.
Value labels Treat12OthComp
1 'Took medication for other/complex mental illness'
2 'Had therapy treatment for other/complex mental illness'
3 'Took medication and had therapy treatment for other/complex mental illness'
4 'No medication or treatment for other/complex mental illness'
-9 'Refused'
-8 "Don't know"
-1 'Not applicable'.
Freq Treat12OthComp.
```

EXPTRT12CMD: (D) Whether experienced symptoms and/or had medication/treatment in CMD

1   Experienced CMD symptoms but no medication/therapy/treatment in last 12 months
2   Experienced CMD symptoms and had medication, therapy or treatment in last 12 months
3   Did not experience CMD symptoms but had medication, therapy or treatment in last 12 months
4   Did not experience CMD symptoms and had no medication/therapy/treatment in last 12 months

```
SPSS Syntax

Numeric ExpTrt12CMD (f2.0).
If AnyExpCMD = -9 ExpTrt12CMD = -9.
If AnyExpCMD = -8 ExpTrt12CMD = -8.
If AnyExpCMD = -1 ExpTrt12CMD = -1.
If AnyExpCMD = 1 & Treat12CMD = 4 ExpTrt12CMD = 1.
If AnyExpCMD = 1 & Any(Treat12CMD, 1,2,3) ExpTrt12CMD = 2.
If AnyExpCMD <> 1 & Any(Treat12CMD, 1,2,3) ExpTrt12CMD = 3.
If AnyExpCMD <> 1 & Treat12CMD = 4 ExpTrt12CMD = 4.
Execute.
Variable labels ExpTrt12CMD '(DV) Whether experienced symptoms and/or had medication/treatment in CMD'.
Value Labels ExpTrt12CMD
1 'Experienced CMD symptoms but no medication/therapy/treatment in last 12 months'
2 'Experienced CMD symptoms and had medication, therapy or treatment in last 12 months'
3 'Did not experience CMD symptoms but had medication, therapy or treatment in last 12 months'
4 'Did not experience CMD symptoms and had no medication/therapy/treatment in last 12 months'
-9 'Refused'
-8 "Don't know"
-1 'Not applicable'.
Freq ExpTrt12CMD.
```

EXPTRT12SMI: (D) Whether experienced symptoms and/or had medication/treatment in SMI

1   Experienced SMI symptoms but no medication/therapy/treatment in last 12 months
2   Experienced SMI symptoms and had medication, therapy or treatment in last 12 months

3 Did not experience SMI symptoms but had medication, therapy or treatment in last 12 months
4 Did not experience SMI symptoms and had no medication/therapy/treatment in last 12 months

EXPTRT12: (D) Experience and treatment in the last 12 months for the mental illness(es) mentioned
1 Experienced but no medication/treatment
2 Experienced and had medication/treatment
3 Did not experience but had medication/treatment
4 Did not experience and no medication/treatment

TYPHARM: (D) Type of harm to self ever done
1 Self harm only
2 Attempt to take own life only
3 Self harm and attempt to take own life
4 No self harm or attempt to take own life

```
-9 'Refused'.
freq TypHarm.
crosstab TypHarm by TOwnLife.
```

SCAMI01_GRPDK: (D) One of the main causes of mental illness is a lack of self-discipline and will-power_Grp (grouped responses including dont know)

    1 Tend to Agree/Agree strongly
    2 Neither agree nor disagree
    3 Tend to Disagree/Strongly Disagree
    6 Don't know

SPSS Syntax

```
freq SCAMI01.
numeric  SCAMI01_grpdk (f2.0).
compute SCAMI01_grpdk= -99.
EXECUTE.
recode SCAMI01 (1,2 =1) (3=2) (4,5=3)  (else=copy) into SCAMI01_grpdk.
var lab SCAMI01_grpdk "(DV) One of the main causes of mental illness is a lack of self-discipline and
will-power_Grp (grouped responses including dont know)".
val lab SCAMI01_grpdk
-9 'Refused'
-1 'Not applicable'
1 "Tend to Agree/Agree strongly"
2 "Neither agree nor disagree"
3 "Tend to Disagree/Strongly Disagree"
6 "Don't know".

execute.
freq SCAMI01_grpdk.
*check that the base of the new variable matches the base of the old variable.
crosstab SCAMI01_grpdk by SCAMI01.
```

SCAMI02_GRPDK: (D) There is something about people with mental illness that makes it easy to tell them from normal people_Grp (grouped responses including don't know)

    1 Tend to Agree/Agree strongly
    2 Neither agree nor disagree
    3 Tend to Disagree/Strongly Disagree
    6 Don't know

SPSS Syntax

```
freq SCAMI02.
numeric  SCAMI02_grpdk (f2.0).
compute SCAMI02_grpdk = -99.
EXECUTE.
recode SCAMI02 (1,2 =1) (3=2) (4,5=3)  (else=copy) into SCAMI02_grpdk.
var lab SCAMI02_grpdk "(DV) There is something about people with mental illness that makes it easy to tell
them from normal people_Grp (grouped responses including dont know)".
val lab SCAMI02_grpdk
-9 'Refused'
-1 'Not applicable'
1 "Tend to Agree/Agree strongly"
2 "Neither agree nor disagree"
3 "Tend to Disagree/Strongly Disagree"
6 "Don't know".


execute.
freq SCAMI02_grpdk.
*check that the base of the new variable matches the base of the old variable.
crosstab SCAMI02_grpdk by SCAMI02.
```

SCAMI03_GRPDK: (D) PosAttToMntIll_Grp (grouped responses including don't know)

    1 Tend to Agree/Agree strongly
    2 Neither agree nor disagree
    3 Tend to Disagree/Strongly Disagree
    6 Don't know

SPSS Syntax

```
freq SCAMI03.
numeric  SCAMI03_grpdk (f2.0).
compute SCAMI03_grpdk = -99.
EXECUTE.
recode SCAMI03 (1,2 =1) (3=2) (4,5=3)  (else=copy) into SCAMI03_grpdk.
var lab SCAMI03_grpdk "(DV) PosAttToMntIll_Grp (grouped responses including dont know)".
val lab SCAMI03_grpdk
-9 'Refused'
-1 'Not applicable'
1 "Tend to Agree/Agree strongly"
```

```
2 "Neither agree nor disagree"
3 "Tend to Disagree/Strongly Disagree"
6 "Don't know".


execute.
freq SCAMI03_grpdk.
*check that the base of the new variable matches the base of the old variable.
crosstab SCAMI03_grpdk by SCAMI03.
```

SCAMI04_GRPDK: (D) People with mental illness don't deserve our sympathy_Grp (grouped responses including dont know)

1 Tend to Agree/Agree strongly
2 Neither agree nor disagree
3 Tend to Disagree/Strongly Disagree
6 Don't know

SPSS Syntax

```
freq SCAMI04.
numeric  SCAMI04_grpdk (f2.0).
compute SCAMI04_grpdk = -99.
EXECUTE.
recode SCAMI04 (1,2 =1) (3=2) (4,5=3)  (else=copy) into SCAMI04_grpdk.
var lab SCAMI04_grpdk "(DV) People with mental illness don't deserve our sympathy_Grp (grouped responses
including dont know)".
val lab SCAMI04_grpdk
-9 'Refused'
-1 'Not applicable'
1 "Tend to Agree/Agree strongly"
2 "Neither agree nor disagree"
3 "Tend to Disagree/Strongly Disagree"
6 "Don't know".


execute.
freq SCAMI04_grpdk.
*check that the base of the new variable matches the base of the old variable.
crosstab SCAMI04_grpdk by SCAMI04.
```

SCAMI05_GRPDK: (D) I would not want to live next door to someone who has been mentally ill_Grp (grouped responses including dont know)

1 Tend to Agree/Agree strongly
2 Neither agree nor disagree
3 Tend to Disagree/Strongly Disagree
6 Don't know

SPSS Syntax

```
freq SCAMI05.
numeric  SCAMI05_grpdk (f2.0).
compute SCAMI05_grpdk = -99.
EXECUTE.
recode SCAMI05 (1,2 =1) (3=2) (4,5=3)  (else=copy) into SCAMI05_grpdk.
var lab SCAMI05_grpdk "(DV) I would not want to live next door to someone who has been mentally ill_Grp
(grouped responses including dont know)".
val lab SCAMI05_grpdk
-9 'Refused'
-1 'Not applicable'
1 "Tend to Agree/Agree strongly"
2 "Neither agree nor disagree"
3 "Tend to Disagree/Strongly Disagree"
6 "Don't know".


execute.
freq SCAMI05_grpdk.
*check that the base of the new variable matches the base of the old variable.
crosstab SCAMI05_grpdk by SCAMI05.
```

SCAMI06_GRPDK: (D) It is frightening to think of people with mental problems living in residential neighbourhoods_Grp (grouped responses including dont know)

1 Tend to Agree/Agree strongly
2 Neither agree nor disagree
3 Tend to Disagree/Strongly Disagree
6 Don't know

SPSS Syntax

```
freq SCAMI06.
```

```
numeric  SCAMI06_grpdk (f2.0).
compute SCAMI06_grpdk = -99.
EXECUTE.
recode SCAMI06 (1,2 =1) (3=2) (4,5=3)  (else=copy) into SCAMI06_grpdk.
var lab SCAMI06_grpdk "(DV) It is frightening to think of people with mental problems living in
residential neighbourhoods_Grp (grouped responses including dont know)".
val lab SCAMI06_grpdk
-9 'Refused'
-1 'Not applicable'
1 "Tend to Agree/Agree strongly"
2 "Neither agree nor disagree"
3 "Tend to Disagree/Strongly Disagree"
6 "Don't know".


execute.
freq SCAMI06_grpdk.
*check that the base of the new variable matches the base of the old variable.
crosstab SCAMI06_grpdk by SCAMI06.
```

SCAMI07_GRPDK: (D) Mental illness is an illness like any other_Grp (grouped responses including dont know)

  1 Tend to Agree/Agree strongly
  2 Neither agree nor disagree
  3 Tend to Disagree/Strongly Disagree
  6 Don't know

SPSS Syntax

```
freq SCAMI07.
numeric  SCAMI07_grpdk (f2.0).
compute SCAMI07_grpdk = -99.
EXECUTE.
recode SCAMI07 (1,2 =1) (3=2) (4,5=3)  (else=copy) into SCAMI07_grpdk.
var lab SCAMI07_grpdk "(DV) Mental illness is an illness like any other_Grp (grouped responses including
dont know)".
val lab SCAMI07_grpdk
-9 'Refused'
-1 'Not applicable'
1 "Tend to Agree/Agree strongly"
2 "Neither agree nor disagree"
3 "Tend to Disagree/Strongly Disagree"
6 "Don't know".


execute.
freq SCAMI07_grpdk.
*check that the base of the new variable matches the base of the old variable.
crosstab SCAMI07_grpdk by SCAMI07.
```

SCAMI08_GRPDK: (D) Virtually anyone can become mentally ill_Grp (grouped responses including dont know)

  1 Tend to Agree/Agree strongly
  2 Neither agree nor disagree
  3 Tend to Disagree/Strongly Disagree
  6 Don't know

SPSS Syntax

```
freq SCAMI08.
numeric  SCAMI08_grpdk (f2.0).
compute SCAMI08_grpdk = -99.
EXECUTE.
recode SCAMI08 (1,2 =1) (3=2) (4,5=3)  (else=copy) into SCAMI08_grpdk.
var lab SCAMI08_grpdk "(DV) Virtually anyone can become mentally ill_Grp (grouped responses including dont
know)".
val lab SCAMI08_grpdk
-9 'Refused'
-1 'Not applicable'
1 "Tend to Agree/Agree strongly"
2 "Neither agree nor disagree"
3 "Tend to Disagree/Strongly Disagree"
6 "Don't know".


execute.
freq SCAMI08_grpdk.
*check that the base of the new variable matches the base of the old variable.
crosstab SCAMI08_grpdk by SCAMI08.
```

SCAMI09_GRPDK: (D) The best therapy for many people with mental illness is to be part of a normal community_Grp (grouped responses including dont know)

    1 Tend to Agree/Agree strongly
    2 Neither agree nor disagree
    3 Tend to Disagree/Strongly Disagree
    6 Don't know

SPSS Syntax

```
freq SCAMI09.
numeric  SCAMI09_grpdk (f2.0).
compute SCAMI09_grpdk = -99.
EXECUTE.
recode SCAMI09 (1,2 =1) (3=2) (4,5=3)  (else=copy) into SCAMI09_grpdk.
var lab SCAMI09_grpdk "(DV) The best therapy for many people with mental illness is to be part of a normal
community_Grp (grouped responses including dont know)".
val lab SCAMI09_grpdk
-9 'Refused'
-1 'Not applicable'
1 "Tend to Agree/Agree strongly"
2 "Neither agree nor disagree"
3 "Tend to Disagree/Strongly Disagree"
6 "Don't know".


execute.
freq SCAMI09_grpdk.
*check that the base of the new variable matches the base of the old variable.
crosstab SCAMI09_grpdk by SCAMI09.
```

SCAMI10_GRPDK: (D) People with mental health problems are far less of a danger than most people suppose_Grp (grouped responses including dont know)

    1 Tend to Agree/Agree strongly
    2 Neither agree nor disagree
    3 Tend to Disagree/Strongly Disagree
    6 Don't know

SPSS Syntax

```
freq SCAMI10.
numeric  SCAMI10_grpdk (f2.0).
compute SCAMI10_grpdk = -99.
EXECUTE.
recode SCAMI10 (1,2 =1) (3=2) (4,5=3)  (else=copy) into SCAMI10_grpdk.
var lab SCAMI10_grpdk "(DV) People with mental health problems are far less of a danger than most people
suppose_Grp (grouped responses including dont know)".
val lab SCAMI10_grpdk
-9 'Refused'
-1 'Not applicable'
1 "Tend to Agree/Agree strongly"
2 "Neither agree nor disagree"
3 "Tend to Disagree/Strongly Disagree"
6 "Don't know".


execute.
freq SCAMI10_grpdk.
*check that the base of the new variable matches the base of the old variable.
crosstab SCAMI10_grpdk by SCAMI10.
```

SCAMI11_GRPDK: (D) People with mental health problems should not be given any responsibility_Grp (grouped responses including dont know)

    1 Tend to Agree/Agree strongly
    2 Neither agree nor disagree
    3 Tend to Disagree/Strongly Disagree
    6 Don't know

SPSS Syntax

```
freq SCAMI11.
numeric  SCAMI11_grpdk (f2.0).
compute SCAMI11_grpdk = -99.
EXECUTE.
recode SCAMI11 (1,2 =1) (3=2) (4,5=3)  (else=copy) into SCAMI11_grpdk.
var lab SCAMI11_grpdk "(DV) People with mental health problems should not be given any responsibility_Grp
(grouped responses including dont know)".
val lab SCAMI11_grpdk
-9 'Refused'
-1 'Not applicable'
1 "Tend to Agree/Agree strongly"
2 "Neither agree nor disagree"
```

```
3 "Tend to Disagree/Strongly Disagree"
6 "Don't know".


execute.
freq SCAMI11_grpdk.
*check that the base of the new variable matches the base of the old variable.
crosstab SCAMI11_grpdk by SCAMI11.
```

SCAMI12_GRPDK: (D) LittleKnowldgMntIll_Grp (grouped responses including dont know)
    1   Tend to Agree/Agree strongly
    2   Neither agree nor disagree
    3   Tend to Disagree/Strongly Disagree
    6   Don't know

```
SPSS Syntax

freq SCAMI12.
numeric  SCAMI12_grpdk (f2.0).
compute SCAMI12_grpdk = -99.
EXECUTE.
recode SCAMI12 (1,2 =1) (3=2) (4,5=3)  (else=copy) into SCAMI12_grpdk.
var lab SCAMI12_grpdk "(DV) LittleKnowldgMntIll_Grp (grouped responses including dont know)".
val lab SCAMI12_grpdk
-9 'Refused'
-1 'Not applicable'
1 "Tend to Agree/Agree strongly"
2 "Neither agree nor disagree"
3 "Tend to Disagree/Strongly Disagree"
6 "Don't know".


execute.
freq SCAMI12_grpdk.
*check that the base of the new variable matches the base of the old variable.
crosstab SCAMI12_grpdk by SCAMI12.
```

SCAMI13_GRPDK: (D) Most women who were once patients in a mental hospital can be trusted as babysitters_Grp (grouped responses including dont know)
    1   Tend to Agree/Agree strongly
    2   Neither agree nor disagree
    3   Tend to Disagree/Strongly Disagree
    6   Don't know

```
SPSS Syntax

freq SCAMI13.
numeric  SCAMI13_grpdk (f2.0).
compute SCAMI13_grpdk = -99.
EXECUTE.
recode SCAMI13 (1,2 =1) (3=2) (4,5=3)  (else=copy) into SCAMI13_grpdk.
var lab SCAMI13_grpdk "(DV) Most women who were once patients in a mental hospital can be trusted as
babysitters_Grp (grouped responses including dont know)".
val lab SCAMI13_grpdk
-9 'Refused'
-1 'Not applicable'
1 "Tend to Agree/Agree strongly"
2 "Neither agree nor disagree"
3 "Tend to Disagree/Strongly Disagree"
6 "Don't know".


execute.
freq SCAMI13_grpdk.
*check that the base of the new variable matches the base of the old variable.
crosstab SCAMI13_grpdk by SCAMI13.
```

WHOMH_GRP: (D) ClosestPersonMntIll_Grp (grouped responses)
    1   Yourself
    2   Immediate family
    3   Partner
    4   Other family or friend
    5   Acquaintance, work colleague or other
    6   Don't know anyone with Mental Illness

```
SPSS Syntax

Freq WhoMH.
numeric  WhoMH_grp (f2.0).
compute WhoMH_grp = -99.
EXECUTE.
```

```
recode WhoMH (8 =1) (1=2) (2,3 = 3) (4, 5=4) (6,7,9 = 5) (10=6)  (else=copy) into WhoMH_grp.
var lab WhoMH_grp "(DV) ClosestPersonMntIll_Grp (grouped responses)".
val lab WhoMH_grp
-9 'Refused'
-8 "Don't know"
-1 'Not applicable'
1 "Yourself"
2 "Immediate family"
3 "Partner"
4 "Other family or friend"
5 "Acquaintance, work colleague or other"
6 "Don't know anyone with Mental Illness".
execute.

freq WhoMH_grp.
*check that the base of the new variable matches the base of the old variable.
crosstab WhoMH_grp by WhoMH.
```

PESCORE: (D) Average score from valid answers at 6 CAMI items making up the prejudice/exclusion subscale

SPSS Syntax

```
Numeric PEScore (f3.0).
IF PETot > 1 PEScore = PESum / PETot.
IF PETot = 1 PEScore = -7.
IF PETot < 1 PEScore = -1.
Execute.
var lab PEScore "(DV) Average score from valid answers at 6 CAMI items making up the prejudice/exclusion
subscale".
Add Value labels PEScore
-7 'Only one PE question answered - removed'
-1 'No PE questions answered'.
Missing Values PEScore (-1, -7).
freq PEScore.
```

TSSCORE: (D) Average score from valid answers at 6 CAMI items making up the tolerance/support for community care subscale

SPSS Syntax

```
Numeric TSScore (f3.0).
IF TSTot > 1 TSScore = TSSum / TSTot.
IF TSTot = 1 TSScore = -7.
IF TSTot < 1 TSScore = -1.
Execute.
var lab TSScore "(DV) Average score from valid answers at 6 CAMI items making up the tolerance/support for
community care subscale".
Add Value labels TSScore
-7 'Only one TS question answered - removed'
-1 'No TS questions answered'.
Missing Values TSScore (-1, -7).
freq TSScore.
```

GHQ12

EQMEAN: (D) EQ-5D social preference weight (mean)

SPSS Syntax

```
Numeric eqmean (F5.3).
compute eqmean = 1.0.
if (mobility = 2) eqmean = eqmean - .069.
If (mobility = 3) eqmean = eqmean - .314.
if (selfcare = 2) eqmean = eqmean - .104.
if (selfcare = 3) eqmean = eqmean - .214.
if (usualact = 2) eqmean = eqmean - .036.
if (usualact = 3) eqmean = eqmean - .094.
if (pain = 2) eqmean = eqmean - .123.
if (pain = 3) eqmean = eqmean - .386.
if (anxiety = 2) eqmean = eqmean - .071.
if (anxiety = 3) eqmean = eqmean - .236.
if (mobility ne 1 or usualact ne 1 or selfcare ne 1 or pain ne 1 or anxiety ne 1) eqmean = eqmean - .081.
if (mobility eq 3 or selfcare eq 3 or usualact eq 3 or anxiety eq 3 or pain eq 3) eqmean = eqmean - .269.
IF any(-9,mobility, selfcare, usualact, pain, anxiety) eqmean=-9 .
IF any(-8,mobility, selfcare, usualact, pain, anxiety) eqmean=-8.
VARIABLE LABELS eqmean "(D) EQ-5D social preference weight (mean)" .
freq eqmean.
```

GHQ12SCR: (D) GHQ Score - 12 point scale

GHQG2: (D) GHQ Score - grouped (0,1-3,4+)
    1 Score 0
    2 Score 1-3
    3 Score 4+

GHQ: (D) GHQ binary
    0 Score 0-3
    1 Score 4

Diabetes

DIABETE2: (D) Doctor diagnosed diabetes (excluding pregnant)
    1 Yes
    2 No

DIABETE2R: (D) Doctor diagnosed diabetes (excluding pregnant) {revised}
    1 Yes
    2 No

```
   2 "No".
```

DIABTYPE: (D) Type of diabetes
>   1 Diagnosed aged 35+ and/or not treated with insulin
>   2 Not diabetic
>   3 Diagnosed before the age of 35 and treated with insulin

SPSS Syntax

```
RECODE diabete2 (ELSE=Copy) INTO diabtype.
DO IF (diage<35 and insulin=1).
RECODE diabtype (1=3).
END IF.
VARIABLE LABELS diabtype '(D) Type of diabetes'.
VALUE LABELS diabtype
 1 'Diagnosed aged 35+ and/or not treated with insulin'
 2 'Not diabetic'
 3 'Diagnosed before the age of 35 and treated with insulin'.
```

DIABTYPER: (D) Type of diabetes {revised}
>   1   Diagnosed aged 35+ and/or not treated with insulin
>   2   Not diabetic
>   3   Diagnosed before the age of 35 and treated with insulin

SPSS Syntax

```
RECODE diabete2r (ELSE=Copy) INTO diabtyper.
DO IF (diage<35 and insulin=1).
RECODE diabtyper (1=3) .
END IF.
VARIABLE LABELS diabtyper '(D) Type of diabetes {revised}'.
VALUE LABELS diabtyper
 1 'Diagnosed aged 35+ and/or not treated with insulin'
 2 'Not diabetic'
 3 'Diagnosed before the age of 35 and treated with insulin'.
```

DIABETE3: (D) Diabetes from blood sample or doctor diagnosis (excluding pregnancy-only diabetes)
>   1   No diabetes
>   2   Doctor diagnosed diabetes
>   3   Undiagnosed diabetes HbA1c>=6.5

SPSS Syntax

```
recode glyhbval (6.5 thru hi = 3) (0 thru 6.4 = 1) (else = copy) into diabete3.
if glyhbval>0 and diabete2 = 1 diabete3 = 2.
if diabete2<0 diabete3 = diabete2.
add value labels diabete3
 1 "No diabetes"
 2 "Doctor diagnosed diabetes"
 3 "Undiagnosed diabetes HbA1c>=6.5".
var label diabete3 "(D) Diabetes from blood sample or doctor diagnosis (excluding pregnancy-only
diabetes)".
```

DIABETE3R: (D) Diabetes from blood sample or doctor diagnosis (excluding pregnancy-only diabetes) {revised}
>   1   No diabetes
>   2   Doctor diagnosed diabetes
>   3   Undiagnosed diabetes HbA1c>=6.5

SPSS Syntax

```
recode glyhbval (6.5 thru hi = 3) (0 thru 6.4 = 1) (else = copy) into diabete3r.
if glyhbval>0 and diabete2r = 1 diabete3r = 2.
if diabete2r<0 diabete3r = diabete2r.
add value labels diabete3r
 1 "No diabetes"
 2 "Doctor diagnosed diabetes"
 3 "Undiagnosed diabetes HbA1c>=6.5".
var label diabete3r "(D) Diabetes from blood sample or doctor diagnosis (excluding pregnancy-only
diabetes) {revised}".
```

DIABTOT: (D) Total diabetes from blood sample or doctor diagnosis (excluding pregnancy-only diabetes)

    1   No diabetes
    2   Doctor diagnosed diabetes and or HbA1c >=6.5

SPSS Syntax

```
recode diabete3 (3=2) (else = copy) into diabtot.
add value labels diabtot
 1 "No diabetes"
 2 "Doctor diagnosed diabetes and or HbA1c >=6.5".
var label diabtot "(D) Total diabetes from blood sample or doctor diagnosis (excluding pregnancy-only
diabetes)".
```

DIABTOTR: (D) Total diabetes from blood sample or doctor diagnosis (excluding pregnancy-only diabetes) {revised}

    1   No diabetes
    2   Doctor diagnosed diabetes and or HbA1c >=6.5

SPSS Syntax

```
recode diabete3r (3=2) (else = copy) into diabtotr.
add value labels diabtotr
 1 "No diabetes"
 2 "Doctor diagnosed diabetes and or HbA1c >=6.5".
var label diabtotr "(D) Total diabetes from blood sample or doctor diagnosis (excluding pregnancy-only
diabetes) {revised}".
freq diabtot diabtotr.
```

High Blood Pressure

BP1: (D) Doctor diagnosed high blood pressure (excluding pregnant)

    1   Yes
    2   No

SPSS Syntax

```
RECODE docbp (-9 thru -2=COPY) (1=1) (2=2) (-1=2) INTO bp1.
IF (sex=2 & othbp=2) bp1=2.
IF (ANY(-9,docbp,pregbp,othbp)) bp1=-9.
IF (ANY(-8,docbp,pregbp,othbp)) bp1=-8.
VARIABLE LABEL bp1 "(D) Doctor diagnosed high blood pressure (excluding pregnant)".
VALUE LABELS bp1
    1 "Yes"
    2 "No".
```

Long Lasting Illness

LIMLAST: (D) Limiting longstanding illness

    1 'Limiting longlasting illness'
    2 'Non limiting longlasting illness'
    3 'No longlasting illness'

SPSS Syntax

```
RECODE Ill12m (1=2) (2=3) (ELSE=COPY) INTO limlast.
IF range(ReducAct,1,2) limlast=1.
IF ReducAct=3 limlast=2.
IF ReducAct=-8 limlast=-8.
VARIABLE LABEL limlast '(D) Limiting longlasting illness'.
VALUE LABLES limlast
  1 'Limiting longlasting illness'
  2 'Non limiting longlasting illness'
  3 'No longlasting illness'.
```

COMPLST1: (D) II Neoplasms & benign growths
COMPLST2: (D) III Endocrine & metabolic
COMPLST3: (D) V Mental disorders
COMPLST4: (D) VI Nervous System
COMPLST5: (D) VI Eye complaints
COMPLST6: (D) VI Ear complaints
COMPLST7: (D) VII Heart & circulatory system
COMPLST8: (D) VIII Respiratory system
COMPLST9: (D) IX Digestive system
COMPLST10: (D) X Genito-urinary system
COMPLST11: (D) XII Skin complaints
COMPLST12: (D) XIII Musculoskeletal system
COMPLST13: (D) I Infectious Disease
COMPLST14: (D) IV Blood & related organs
COMPLST15: (D) Other complaints
COMPLST17: (D) No long-standing illness
COMPLST18: (D) No longer present
COMPLST99: (D) Unclass/NLP/inadeq.describe

    0   No condition present
    1   Has condition

All variables in the COMPLST series have the same value labels

SPSS Syntax

```
DO REPEAT xcompl=complst1 complst2 complst3 complst4 complst5 complst6 complst7 complst8
 complst9 complst10 complst11 complst12 complst13 complst14 complst15 complst17 complst18.
COMPUTE xcompl=0.
IF Ill12m<0 xcompl=-9.
END REPEAT.
DO REPEAT xill12=Ill12M1 Ill12M2 Ill12M3 Ill12M4 Ill12M5 Ill12M6.
IF xill12=1 complst1=1.
IF (RANGE(xill12,2,3)) complst2=1.
IF (RANGE(xill12,4,5)) complst3=1.
IF (RANGE(xill12,6,8)) complst4=1.
IF (RANGE(xill12,9,10)) complst5=1.
IF (RANGE(xill12,11,14)) complst6=1.
IF (RANGE(xill12,15,21)) complst7=1.
IF (RANGE(xill12,22,25)) complst8=1.
IF (RANGE(xill12,26,29)) complst9=1.
IF (RANGE(xill12,30,33)) complst10=1.
IF xill12=39 complst11=1.
IF (RANGE(xill12,34,36)) complst12=1.
IF xill12=37 complst13=1.
IF xill12=38 complst14=1.
IF xill12=40 complst15=1.
IF (Ill12m=1 & xill12=42) complst18 = 1 .
END REPEAT.
IF (Ill12m = 2) complst17 = 1.
COMPUTE complst99 = 0 .
IF (Ill12m = 1 & ANY(ill12m1,41,42,-1,-8,-9)) complst99 = 1 .
IF (Ill12m<0) complst99 = -9.
VARIABLE LABELS complst1 '(D) II Neoplasms & benign growths'
 /complst2 '(D) III Endocrine & metabolic'
 /complst3 '(D) V Mental disorders'
 /complst4 '(D) VI Nervous system'
 /complst5 '(D) VI Eye complaints'
 /complst6 '(D) VI Ear complaints'
 /complst7 '(D) VII Heart & circulatory system'
 /complst8 '(D) VIII Respiratory system'
 /complst9 '(D) IX Digestive system'
 /complst10 '(D) X Genito-urinary system'
 /complst11 '(D) XII Skin complaints'
 /complst12 '(D) XIII Musculoskeletal system'
 /complst13 '(D) I Infectious disease'
 /complst14 '(D) IV Blood & related organs'
 /complst15 '(D) Other complaints'
 /complst17 "(D) No longlasting illness"
 /complst18 "(D) No longer present"
 /complst99 "(D) Unclass/NLP/inadeq.describe" .
VALUE LABELS complst1 TO complst99
  0 'No condition present'
  1 'Has condition'.
RECODE complst1 TO complst15
```

CONDLCNT: (D) Number of grouped condition categories

　　　0　No LS illness

SPSS Syntax

```
IF Ill12m=2 condlcnt=0 .
DO IF Ill12m=1.
COUNT condlcnt=complst1 TO complst15 (1) .
END IF.
IF (Ill12m = 1 & (Ill12M1 = 41 | Ill12M1<0)) condlcnt = 1 .
IF Ill12m<0 condlcnt=-9 .
VARIABLE LABEL condlcnt "(D) Number of grouped condition categories" .
VALUE LABELS condlcnt
   0 'No longlasting illness'.
```

CONDLCNT2: (D) Number of grouped conditions - 4 plus

　　　0　No LS illness
　　　4　4 or more

SPSS Syntax

```
RECODE condlcnt (4 thru hi=4)(ELSE=COPY) INTO condlcnt2.
VARIABLE LABEL condlcnt2 "(D) Number of grouped conditions - 4 plus" .
VALUE LABELS condlcnt2
  0 'No longlasting illness'
  4 '4 or more'.
```

ILLMORE1: (D) Number of longstanding illnesses grouped

　　　0　No longstanding illnesses
　　　1　One longstanding illness
　　　2　Two or more longstanding illnesses

SPSS Syntax

```
Numeric illmore1 (F2.0).
compute illmore1=-999.
if condlcnt=0 illmore1=0.
if condlcnt=1 illmore1=1.
if condlcnt=2 illmore1=2.
if condlcnt=3 illmore1=2.
if condlcnt=4 illmore1=2.
if condlcnt=5 illmore1=2.
if condlcnt=6 illmore1=2.
if condlcnt<0 illmore1=condlcnt.
variable labels illmore1 "(D) Number of longstanding illnesses grouped".
value labels illmore1
0 "No longstanding illnesses"
1 "One longstanding illness"
2 "Two or more longstanding illnesses".
```

Prescribed Medicines: Drugs affecting blood analytes

DIUR2: (D) Diuretics (Blood pressure)
BETA2: (D) Beta blockers (Blood pressure/Fibrinogen)
ACEINH2: (D) Ace inhibitors (Blood pressure) {revised}
CALCIUMB2: (D) Calcium blockers (Blood pressure) {revised}
OBPDRUG2: (D) Other drugs affecting BP {revised}
LIPID2: (D) Lipid lowering (Cholesterol/Fibrinogen) – prescribed {revised}
IRON2: (D) Iron deficiency (Haemoglobin/Ferritin) {revised}
BPMEDC2: (D) Whether taking drugs affecting blood pressure {revised}
BPMEDD2: (D) Whether taking drugs prescribed for blood pressure {revised}
ANTIPLAM2: (D) Antiplatlets prescribed (binary)
ANALGM2: (D) Analgesics prescribed (binary)
PROTONM2: (D) Proton pump inhibitors prescribed (binary)
ANTIDEPM2: (D) Antidepressants prescribed (binary)
COPDM2: (D) Asthma or COPD prescribed (binary)
ANTIDIABM2: (D) Antidiabetic prescribed (binary)
ANTIBACM2: (D) Antibacterial medications prescribed (binary)

    0   Not taking drug
    1   Taking drug

All derived variables in the Drugs subsection have the same value labels.

SPSS Syntax

```
NUMERIC diur2 beta2 aceinh2 calciumb2 obpdrug2 lipid2 iron2 bpmedc2 bpmedd2 AntiPlaM2 AnalgM2 ProtonM2
AntidepM2 COPDM2 AntidiabM2 AntibacM2 (F3.0).
DO REPEAT xxdrug2=diur2 beta2 aceinh2 calciumb2 obpdrug2 lipid2 iron2 bpmedc2 bpmedd2 antiplaM2 analgM2
protonM2 antidepM2 COPDM2 antidiabM2 antibacM2.
COMPUTE xxdrug2=0.
RECODE medcnjd(-9 thru -1=COPY) INTO xxdrug2.
END REPEAT.
DO REPEAT xxcode2=medbi01 medbi02 medbi03 medbi04 medbi05 medbi06 medbi07 medbi08 medbi09 medbi10
 medbi11 medbi12 medbi13 medbi14 medbi15 medbi16 medbi17 medbi18 medbi19 medbi20 medbi21 medbi22.
IF xxcode2=0 diur2=-9.
IF xxcode2=0 beta2=-9.
IF xxcode2=0 aceinh2 =-9.
IF xxcode2=0 calciumb2 =-9.
IF xxcode2=0 iron2 =-9.
IF xxcode2=0 lipid2 =-9.
IF xxcode2=0 obpdrug2 =-9.
IF xxcode2=0 bpmedc2=-9.
IF xxcode2=0 bpmedd2=-9.
IF xxcode2=0 antiplaM2 =-9.
IF xxcode2=0 analgM2 =-9.
IF xxcode2=0 protonM2 =-9.
IF xxcode2=0 antidepM2 =-9.
IF xxcode2=0 COPM2 =-9.
IF xxcode2=0 antidiabM2=-9.
IF xxcode2=0 antibacM2=-9.
END REPEAT.
DO REPEAT xxcode2=medbi01 medbi02 medbi03 medbi04 medbi05 medbi06 medbi07 medbi08 medbi09 medbi10
 medbi11 medbi12 medbi13 medbi14 medbi15 medbi16 medbi17 medbi18 medbi19 medbi20 medbi21 medbi22.
IF RANGE(xxcode2,20201,20208) diur2=1.
IF xxcode2=20400 beta2=1.
IF RANGE(xxcode2, 020551, 020553) aceinh2=1.
IF xxcode2=20602 calciumb2=1.
IF ANY(xxcode2,20501,20502,20503,20504) obpdrug2=1.
IF ANY(xxcode2,21200, 21201, 21202) lipid2=1.
IF xxcode2=90101 iron2=1.
IF xxcode2=20900 antiplaM2=1.
IF ANY(xxcode2, 100101,40701,40702,40703,40704,100302) analgM2=1.
IF xxcode2=10305  protonM2=1.
IF ANY(xxcode2, 40301,40302,40303,40304) antidepM2=1.
IF ANY(xxcode2, 30101,30102,30103,30104,30200,30301,30302,30303,30600) COPDM2=1.
IF ANY(xxcode2, 60101,60102,60121,60122,60123) antidiabM2=1.
IF ANY(xxcode2, 50101,50102,50103,50104,50105,50106,50107,50108,50109,50110,50111,50112,50113)
antibacM2=1.
END REPEAT.
IF ANY(1,diur2,beta2,aceinh2,calciumb2,obpdrug2) bpmedc2=1.
COUNT xbpdrug2=ytake012 ytake022 ytake032 ytake042 ytake052 ytake062 ytake072 ytake082
  ytake092 ytake102 ytake112 ytake122 ytake132 ytake142 ytake152 ytake162 ytake172
  ytake182 ytake192 ytake202 ytake212 ytake222 (1).
IF ANY(1,diur2,beta2,aceinh2,calciumb2,obpdrug2) & xbpdrug2>0 bpmedd2=1.
EXECUTE.
VARIABLE LABELS diur2 "(D) Diuretics prescribed (Blood pressure) {revised}".
```

```
VARIABLE LABELS beta2 "(D) Beta blockers prescribed (Blood pressure/Fibrinogen) {revised}".
VARIABLE LABELS aceinh2 "(D) Ace inhibitors prescribed (Blood pressure) {revised}".
VARIABLE LABELS calciumb2 "(D) Calcium blockers prescribed (Blood pressure) {revised}".
VARIABLE LABELS obpdrug2 "(D) Other prescribed drugs affecting BP {revised}".
VARIABLE LABELS lipid2 "(D) Lipid lowering (Cholesterol/Fibrinogen) prescribed {revised}".
VARIABLE LABELS iron2 "(D) Iron deficiency (Haemoglobin/Ferritin) prescribed {revised}".
VARIABLE LABELS bpmedc2 "(D) Whether taking drugs affecting blood pressure {revised}".
VARIABLE LABELS bpmedd2 "(D) Whether taking drugs prescribed for blood pressure {revised}".
VARIABLE LABELS AntiPlaM2 "(D) Antiplatlets prescribed (binary)".
VARIABLE LABELS AnalgM2 "(D) Analgesics prescribed (binary)".
VARIABLE LABELS ProtonM2 "(D) Proton pump inhibitors prescribed (binary)".
VARIABLE LABELS AntiDepM2 "(D) Antidepressants prescribed (binary)".
VARIABLE LABELS COPDM2 "(D) Asthma or COPD  prescribed (binary)".
VARIABLE LABELS AntiDiabM2 "(D) Antidiabetic prescribed (binary)".
VARIABLE LABELS AntiBacM2 "(D) Antibacterial medications prescribed (binary)".
VALUE LABELS diur2 beta2 aceinh2 calciumb2 obpdrug2 lipid2 iron2 bpmedc2 bpmedd2 AntiPlaM2 AnalgM2
ProtonM2 AntidepM2 COPDM2 AntidiabM2 AntibacM2
    0 'Not taking drug'
    1 'Taking drug'..
```

Prescribed Medicines: General

MEDCNJ: (D) Whether taking medication - excluding contraceptives only

  1   Yes
  2   No
  3   Yes, but unable to code as name of drug(s) not available

SPSS Syntax
```
COMPUTE medcnj = medcnjd .
IF (sex = 2 & medcnjd = 1 & RANGE(medbi01,70301,70302)
  & medbi02<0 & medbi03<0 & medbi04<0 & medbi05<0 & medbi06<0 & medbi07<0 &
    medbi08<0 & medbi09<0 & medbi10<0 & medbi11<0 & medbi12<0 & medbi13<0 &
    medbi14<0 & medbi15<0 & medbi16<0 & medbi17<0 & medbi18<0 & medbi19<0 &
    medbi20<0 & medbi21<0 & medbi22<0 )  medcnj = 2 .
VARIABLE LABELS medcnj "(D) Whether taking medication - excluding contraceptives only" .
VALUE LABELS medcnj
    1 'Yes'
    2 'No'
    3 'Yes, but unable to code as name of drug(s) not available'.
```

MEDTYP1: (D) Cardio-vascular medicine taken?
MEDTYP2: (D) Gastrointestinal medicine taken?
MEDTYP3: (D) Respiratory medicine taken?
MEDTYP4: (D) CNS medicine taken?
MEDTYP5: (D) Medicine for infection taken?
MEDTYP6: (D) Endocrine medicine taken?
MEDTYP7: (D) Gynae/Urinary medicine taken?
MEDTYP8: (D) Cytotoxic medicine taken?
MEDTYP9: (D) Medicine for nutrition/blood taken?
MEDTYP10: (D) Musculoskeletal medicine taken?
MEDTYP11: (D) Eye/Ear etc medicine taken?
MEDTYP12: (D) Medicine for skin taken?
MEDTYP13: (D) Other medicine taken?
MEDTYP14: (D) Contraceptives taken?

  0   No
  1   Yes

All variables in the MEDTYP series have the same value labels.

SPSS Syntax
```
DO REPEAT xtyp = medtyp1 TO medtyp14.
COMPUTE xtyp=0.
RECODE medcnj (2=0)(-9 thru -1=COPY) INTO xtyp.
END REPEAT.
DO REPEAT xmed= medbi01 medbi02 medbi03 medbi04 medbi05 medbi06 medbi07 medbi08 medbi09 medbi10
 medbi11 medbi12 medbi13 medbi14 medbi15 medbi16 medbi17 medbi18 medbi19 medbi20 medbi21 medbi22.
IF (RANGE(xmed,20101,21300)) medtyp1 = 1.
IF (RANGE(xmed,10101,10904)) medtyp2 = 1.
IF (RANGE(xmed,30101,31000)) medtyp3 = 1.
IF (RANGE(xmed,40101,41100)) medtyp4 = 1.
IF (RANGE(xmed,50101,50508)) medtyp5 = 1.
IF (RANGE(xmed,60101,60703)) medtyp6 = 1.
```

```
IF (RANGE(xmed,70201,70202,70401,70500)) medtyp7 = 1.
IF (RANGE(xmed,70300,70305)) medtyp14 = 1.
IF (RANGE(xmed,80101,80304)) medtyp8 = 1.
IF (RANGE(xmed,90101,90802)) medtyp9 = 1.
IF (RANGE(xmed,100101,100302)) medtyp10 = 1.
IF (RANGE(xmed,110101,110802,120101,120305)) medtyp11 = 1.
IF (RANGE(xmed,130100,131400)) medtyp12 = 1.
IF (RANGE(xmed,140100,140503)) medtyp13 = 1.
END REPEAT.
VARIABLE LABELS
medtyp1 '(D) Cardio-vascular medicine taken?'
medtyp2 '(D) Gastrointestinal medicine taken?'
medtyp3 '(D) Respiratory medicine taken?'
medtyp4 '(D) CNS medicine taken?'
medtyp5 '(D) Medicine for infection taken?'
medtyp6 '(D) Endocrine medicine taken?'
medtyp7 '(D) Gynae/Urinary medicine taken?'
medtyp8 '(D) Cytotoxic or immunosuppressive medicine taken?'
medtyp9 '(D) Medicine for nutrition/blood taken?'
medtyp10 '(D) Musculoskeletal medicine taken?'
medtyp11 '(D) Eye/Ear etc medicine taken?'
medtyp12 '(D) Medicine for skin taken?'
medtyp13 '(D) Vaccines and antisera taken?'
medtyp14 '(D) Contraception taken?' .
VALUE LABELS medtyp1 TO medtyp14
    0 'No'
    1 'Yes'.
```

NUMED2: (D) Number of prescribed medicines taken {Revised}
     0   Doesn't take prescribed meds

NUMED: (D) Number of prescribed medicines taken (grouped 4+) {Revised}
     0   Doesn't take prescribed meds
     4   Four or more

SPSS Syntax

```
COMPUTE numed2 = -1 .
RECODE medcnj (-6 thru -2=COPY)(2=0) INTO numed2.
DO IF (medcnj = 1) .
COUNT numed2 = medbi01 medbi02 medbi03 medbi04 medbi05 medbi06 medbi07 medbi08 medbi09 medbi10
 medbi11 medbi12 medbi13 medbi14 medbi15 medbi16 medbi17 medbi18 medbi19 medbi20 medbi21 medbi22 (-9 10101
THRU HI) .
END IF .
RECODE numed2 (4 thru hi=4)(ELSE=COPY) INTO numed.
VARIABLE LABEL numed2 '(D) Number of prescribed medicines taken' .
VARIABLE LABEL numed '(D) Number of prescribed medicines taken (grouped 4+)' .
VALUE LABELS numed2 0 "Doesn't take prescribed meds".
VALUE LABELS numed 0 "Doesn't take prescribed meds"
                   4 'Four or more'.
```

MEDSNUM: (D) Number of prescribed medications reported - incl contraceptives & nicotine dependency drugs
     0   None taken

SPSS Syntax

```
NUMERIC MedsNum (F3.0).
COMPUTE MedsNum=0.
do repeat A=MedBI01 MedBI02 MedBI03 MedBI04 MedBI05 MedBI06 MedBI07 MedBI08 MedBI09 MedBI10 MedBI11
MedBI12
    MedBI13 MedBI14 MedBI15 MedBI16 MedBI17 MedBI18 MedBI19 MedBI20 MedBI21 MedBI22.
    if range(A, 10101,999999) MedsNum=MedsNum+1.
end repeat.
RECODE MedsNum (0=-99).
IF Medcnjd=-1 MedsNum=-1.
IF Medcnjd=2 MedsNum=0.
IF Medcnjd=3 MedsNum=-8.
IF  RANGE(age,0,15) MedsNum=-1.
VARIABLE LABELS MedsNum "(D) Number of prescribed medications reported - incl contraceptives & nicotine
dependency drugs".
VALUE LABELS MedsNum
 -1 "Not applicable"
 -8 "Don't know/Refused"
  0 "None taken".
```

MEDSNUMG8: (D) Grouped number of prescribed medications reported- incl contraceptives & nicotine dependency drugs

    0   None taken
    1   1
    2   2
    3   3
    4   4
    5   5
    6   6
    7   7
    8   8 or more medications perscribed

```
SPSS Syntax

NUMERIC MedsNumG8 (F3.0).
Recode MedsNum (8 thru hi=8) (ELSE=COPY) INTO MedsNumG8.
EXECUTE.
VARIABLE LABELS MedsNumG8 "(D) Grouped number of prescribed medications reported- incl contraceptives &
nicotine dependency drugs".
VALUE LABELS MedsNumG8
 -1 "Not applicable"
 -8 "Don't know/Refused"
  0 "None prescribed"
  1 "1"
  2 "2"
  3 "3"
  4 "4"
  5 "5"
  6 "6"
  7 "7"
  8 "8 or more medications prescribed".
```

MEDSNUM2: (D) Number of prescribed medications reported, excl contraceptives & nicotine dependence

    0   None taken

```
SPSS Syntax

NUMERIC MedsNum2 XMedsNum2 (F3.0).
COMPUTE MedsNum2=0.
COMPUTE XMedsNum2=0.
do repeat A=MedBI01 MedBI02 MedBI03 MedBI04 MedBI05 MedBI06 MedBI07 MedBI08 MedBI09 MedBI10 MedBI11
MedBI12
    MedBI13 MedBI14 MedBI15 MedBI16 MedBI17 MedBI18 MedBI19 MedBI20 MedBI21 MedBI22.
    if (RANGE(A, 10101, 41001) | RANGE(A, 41003, 70300)  | RANGE(A, 70306, 999999)) MedsNum2=MedsNum2+1.
    if (A=41002 | RANGE(A, 70301, 70305)) XMedsNum2=XMedsNum2+1.
end repeat.
RECODE MedsNum2 (0=-99).
IF Medcnjd=-1 MedsNum2=-1.
IF Medcnjd=2 MedsNum2=0.
IF Medcnjd=3 MedsNum2=-8.
IF  RANGE(age,0,15) MedsNum2=-1.
IF MedsNum2=-99 & XMedsNum2>0 MedsNum2=0.
VARIABLE LABELS MedsNum2 "(D) Number of prescribed medications reported, excl contraceptives & nicotine
dependence".
VALUE LABELS MedsNum2
 -1 "Not applicable"
 -8 "Don't know/Refused"
  0 "None taken".
```

MEDSNUM2G8: (D) Grouped number of prescribed medications reported (8 groups) - excl contraceptives & nicotine dependency drugs

    0   None taken
    1   1
    2   2
    3   3
    4   4
    5   5
    6   6
    7   7
    8   8 or more medications perscribed

```
SPSS Syntax

NUMERIC MedsNum2G8 (F3.0).
Recode MedsNum2 (8 thru hi=8) (ELSE=COPY) INTO
MedsNum2G8. EXECUTE.
```

```
VARIABLE LABELS MedsNum2G8 "(D) Grouped number of prescribed medications reported (8 groups) - excl
contraceptives & nicotine dependency drugs ".
VALUE LABELS MedsNum2G8
 -1 "Not applicable"
 -8 "Don't know/Refused"
  0 "None prescribed"
  1 "1"
  2 "2"
  3 "3"
  4 "4"
  5 "5"
  6 "6"
  7 "7"
  8 "8 or more medications prescribed".
```

MEDSTAK: (D) Number of prescribed meds taken in the last seven days, incl contraceptives & nicotine dependency drugs

    0   None taken

SPSS Syntax

```
NUMERIC MedsTak (F4.0).
COMPUTE MedsTak=0.
do repeat A=MedBI01 MedBI02 MedBI03 MedBI04 MedBI05 MedBI06 MedBI07 MedBI08 MedBI09 MedBI10 MedBI11
MedBI12
    MedBI13 MedBI14 MedBI15 MedBI16 MedBI17 MedBI18 MedBI19 MedBI20 MedBI21 MedBI22
  /B=MedBIA1 MedBIA2 MedBIA3 MedBIA4 MedBIA5 MedBIA6 MedBIA7 MedBIA8 MedBIA9 MedBIA10 MedBIA11 MedBIA12
    MedBIA13 MedBIA14 MedBIA15 MedBIA16 MedBIA17 MedBIA18 MedBIA19 MedBIA20 MedBIA21 MedBIA22.
   if range(A, 10101,999999)  & Medcnjd=1 & B=1 MedsTak=MedsTak+1.
end repeat.
RECODE MedsTak (0=-99).
IF Medcnjd=-1 MedsTak=-1.
IF Medcnjd=2 MedsTak=0.
IF Medcnjd=3 MedsTak=-8.
IF  RANGE(age,0,15) MedsTak=-1.
IF MedsTak=-99 & Medcnjd=1 MedsTak=0.
VARIABLE LABELS MedsTak "(D) Number of prescribed meds taken in the last seven days, incl contraceptives &
nicotine dependency drugs".
VALUE LABELS MedsTak
 -1 "Not applicable"
 -8 "Don't know/Refused"
  0 "None taken".
```

MEDSTAKG8: (D) Grouped number of prescribed medications taken (8 groups)- incl contraceptives & nicotine dependency drugs

    0   None taken
    1   1 medications taken
    2   2 medications taken
    3   3 medications taken
    4   4 medications taken
    5   5 medications taken
    6   6 medications taken
    7   7 medications taken
    8   8 or more medications taken

SPSS Syntax

```
NUMERIC MedsTakG8 (F3.0).
Recode MedsTak (8 thru hi=8) (ELSE=COPY) INTO MedsTakG8.
EXECUTE.
VARIABLE LABELS MedsTakG8 "(D) Grouped number of prescribed medications taken (8 groups)- incl
contraceptives & nicotine dependency drugs".
VALUE LABELS MedsTakG8
 -1 "Not applicable"
 -8 "Don't know/Refused"
  0 "None taken"
 1 "1 medication taken"
 2 "2 medications taken"
 3 "3 medications taken"
 4 "4 medications taken"
 5 "5 medications taken"
 6 "6 medications taken"
 7 "7 medications taken"
 8 "8 or more medications taken".
```

MEDSTAK2: (D) Number of prescribed medications taken in the last seven days, - excl contraceptives & nicotine dependency

    0   None taken

```
SPSS Syntax

NUMERIC MedsTak2 XMedsTak2 MedsNTak2(F4.0).
COMPUTE MedsTak2=0.
COMPUTE XMedsTak2=0.
COMPUTE MedsNTak2=0.
do repeat A=MedBI01 MedBI02 MedBI03 MedBI04 MedBI05 MedBI06 MedBI07 MedBI08 MedBI09 MedBI10 MedBI11
MedBI12
    MedBI13 MedBI14 MedBI15 MedBI16 MedBI17 MedBI18 MedBI19 MedBI20 MedBI21 MedBI22
  /B=MedBIA1 MedBIA2 MedBIA3 MedBIA4 MedBIA5 MedBIA6 MedBIA7 MedBIA8 MedBIA9 MedBIA10 MedBIA11 MedBIA12
    MedBIA13 MedBIA14 MedBIA15 MedBIA16 MedBIA17 MedBIA18 MedBIA19 MedBIA20 MedBIA21 MedBIA22.
    if (RANGE(A, 10101, 41001) | RANGE(A, 41003, 70300)  | RANGE(A, 70306, 999999))  & Medcnjd=1 & B=1
        MedsTak2=MedsTak2+1.
    if (RANGE(A, 10101, 41001) | RANGE(A, 41003, 70300)  | RANGE(A, 70306, 999999))  & Medcnjd=1 & B=2
        MedsNTak2=MedsNTak2+1.
    if (A=41002 | RANGE(A, 70301, 70305)) XMedsTak2=XMedsTak2+1.
end repeat.
RECODE MedsTak2 (0=-99).
IF Medcnjd=-1 MedsTak2=-1.
IF Medcnjd=2 MedsTak2=0.
IF Medcnjd=3 MedsTak2=-8.
IF  RANGE(age,0,15) MedsTak2=-1.
IF MedsTak2=-99 & Medcnjd=1 & (XMedsTak2>0 | MedsNTak2>0)  MedsTak2=0.
VARIABLE LABELS MedsTak2 "(D) Number of prescribed medications taken in the last seven days, - excl
contraceptives & nicotine dependency".
VALUE LABELS MedsTak2
 -1 "Not applicable"
 -8 "Don't know/Refused"
  0 "None taken".
```

MEDSTAK2G8: (D) Number of prescribed medications taken in last 7 days (8 groups), excl contraceptives & nicotine dependency

    0   None taken/only contaceptives or Nicotine dependency meds taken
    1   1 medication taken
    2   2 medications taken
    3   3 medications taken
    4   4 medications taken
    5   5 medications taken
    6   6 medications taken
    7   7 medications taken
    8   8 or more medications taken.

```
SPSS Syntax

NUMERIC MedsTak2g8 (F3.0).
RECODE  MedsTak2 (0 THRU 8=COPY) (9 THRU HI=8)(ELSE=COPY) INTO MedsTak2g8.
VARIABLE LABELS MedsTak2g8 "(D) Number of prescribed medications taken in last 7 days (8 groups), excl
contraceptives & nicotine dependency".
VALUE LABELS MedsTak2g8
-8 "Don't know"
-1 "Not applicable"
 0 "None taken/only contaceptives or Nicotine dependency meds taken"
 1 "1 medication taken"
 2 "2 medications taken"
 3 "3 medications taken"
 4 "4 medications taken"
 5 "5 medications taken"
 6 "6 medications taken"
 7 "7 medications taken"
 8 "8 or more medications taken".
```

CARDIOTAK: (D) Number of prescribed cardiovascular medications taken in the last seven days

    0   None taken

```
SPSS Syntax

NUMERIC CardioTak XCardioTak CardioNTak(F4.0).
COMPUTE CardioTak=0.
COMPUTE XCardioTak=0.
COMPUTE CardioNTak=0.
do repeat A=MedBI01 MedBI02 MedBI03 MedBI04 MedBI05 MedBI06 MedBI07 MedBI08 MedBI09 MedBI10 MedBI11
MedBI12
    MedBI13 MedBI14 MedBI15 MedBI16 MedBI17 MedBI18 MedBI19 MedBI20 MedBI21 MedBI22
```

```
  /B=MedBIA1 MedBIA2 MedBIA3 MedBIA4 MedBIA5 MedBIA6 MedBIA7 MedBIA8 MedBIA9 MedBIA10 MedBIA11 MedBIA12
     MedBIA13 MedBIA14 MedBIA15 MedBIA16 MedBIA17 MedBIA18 MedBIA19 MedBIA20 MedBIA21 MedBIA22.
     if RANGE(A, 20100, 20699)  & Medcnjd=1 & B=1 CardioTak=CardioTak+1.
     if RANGE(A, 20100, 20699)  & Medcnjd=1 & B=2 CardioNTak=CardioNTak+1.
     if (RANGE(A, 10101, 20099) | RANGE(A, 20700, 999999))  & Medcnjd=1 XCardioTak=XCardioTak+1.
end repeat.
RECODE CardioTak (0=-99).
IF Medcnjd=-1 CardioTak=-1.
IF Medcnjd=2 CardioTak=0.
IF Medcnjd=3 CardioTak=-8.
IF  RANGE(age,0,15) CardioTak=-1.
IF CardioTak=-99 & Medcnjd=1 & (XCardioTak>0 | CardioNTak>0)  CardioTak=0.
VARIABLE LABELS CardioTak "(D) Number of prescribed cardiovascular medications taken in the last seven
days".
VALUE LABELS CardioTak
 -1 "Not applicable"
 -8 "Don't know/Refused"
  0 "None taken".
```

CARDIOTAKG2: (D) Any prescribed cardiovascular medications taken in last 7 days (binary)

    0 No
    1 Yes,at least one.

```
SPSS Syntax

NUMERIC CardioTakg2 (F3.0).
RECODE CardioTak (2 THRU HI=1)(ELSE=COPY) INTO CardioTakg2.
VARIABLE LABELS CardioTakg2 "(D) Any prescribed cardiovascular medications taken in last 7 days (binary)".
VALUE LABELS CardioTakg2
-8 "Don't know"
-1 "Not applicable"
 0 "No"
 1 "Yes,at least one".
```

HYPERTAK: (D) Number of prescribed antihypertensives for hypertension taken in the last seven days

    0 None taken

```
SPSS Syntax

NUMERIC HyperTak HyperNTak XHyperTak NHyperTak(F4.0).
COMPUTE HyperTak=0.
COMPUTE NHyperTak=0.
COMPUTE HyperNTak=0.
COMPUTE XHyperTak=0.
DO REPEAT  A=MedBI01 MedBI02 MedBI03 MedBI04 MedBI05 MedBI06 MedBI07 MedBI08 MedBI09 MedBI10 MedBI11
MedBI12
    MedBI13 MedBI14 MedBI15 MedBI16 MedBI17 MedBI18 MedBI19 MedBI20 MedBI21 MedBI22
  /B=MedBIA1 MedBIA2 MedBIA3 MedBIA4 MedBIA5 MedBIA6 MedBIA7 MedBIA8 MedBIA9 MedBIA10 MedBIA11 MedBIA12
    MedBIA13 MedBIA14 MedBIA15 MedBIA16 MedBIA17 MedBIA18 MedBIA19 MedBIA20 MedBIA21 MedBIA2
  /C=ytake012 ytake022 ytake032 ytake042 ytake052 ytake062 ytake072 ytake082 ytake092 ytake102 ytake112
ytake122
      ytake132 ytake142 ytake152 ytake162 ytake172 ytake182 ytake192 ytake202 ytake212 ytake222.
  IF
ANY(A,20201,20202,20203,20204,20205,20206,20207,20208,20400,20551,20552,20553,20602,20501,20502,20503,2050
4) & Medcnjd=1 &
    B=1 & C=1 HyperTak=HyperTak+1.
  IF
ANY(A,20201,20202,20203,20204,20205,20206,20207,20208,20400,20551,20552,20553,20602,20501,20502,20503,2050
4) & Medcnjd=1 &
    B=2 & C=1 HyperNTak=HyperNTak+1.
 IF
ANY(A,20201,20202,20203,20204,20205,20206,20207,20208,20400,20551,20552,20553,20602,20501,20502,20503,2050
4) & Medcnjd=1 &
    B=1 & ANY(C,0,-8) NHyperTak=NHyperTak+1.
  IF (RANGE(A, 10101, 999999) & NOT
ANY(A,20201,20202,20203,20204,20205,20206,20207,20208,20400,20551,20552,20553,20602,20501,
    20502,20503,20504)) & Medcnjd=1 XHyperTak=XHyperTak+1.
end repeat.
RECODE HyperTak (0=-99).
IF Medcnjd=-1 HyperTak=-1.
IF Medcnjd=2 HyperTak=0.
IF Medcnjd=3 HyperTak=-8.
IF  RANGE(age,0,15) HyperTak=-1.
IF HyperTak=-99 & Medcnjd=1 & (XHyperTak>0 | HyperNTak>0 | NHyperTak>0)  HyperTak=0.
EXECUTE.
VARIABLE LABELS HyperTak "(D) Number of prescribed antihypertensives for hypertension taken in the last
seven days".
VALUE LABELS HyperTak
 -1 "Not applicable"
 -8 "Don't know/Refused"
  0 "None taken".
```

HYPERTAKG2: (D) Any prescribed antihypertensives taken in last 7 days, if has hypertension (binary)

    0 No
    1 Yes,at least one

SPSS Syntax

```
NUMERIC HyperTakg2 (F3.0).
RECODE HyperTak (2 THRU HI=1)(ELSE=COPY) INTO HyperTakg2.
VARIABLE LABELS HyperTakg2 "(D) Any prescribed antihypertensives taken in last 7 days, if has hypertension
(binary)".
VALUE LABELS HyperTakg2
-8 "Don't know"
-1 "Not applicable"
 0 "No"
 1 "Yes,at least one".
```

LIPIDTAK: (D) Number of prescribed lipid lowering medications taken in the last seven days

    0 None taken

SPSS Syntax

```
NUMERIC LipidTak XLipidTak LipidNTak(F4.0).
COMPUTE LipidTak=0.
COMPUTE XLipidTak=0.
COMPUTE LipidNTak=0.
do repeat A=MedBI01 MedBI02 MedBI03 MedBI04 MedBI05 MedBI06 MedBI07 MedBI08 MedBI09 MedBI10 MedBI11
MedBI12
    MedBI13 MedBI14 MedBI15 MedBI16 MedBI17 MedBI18 MedBI19 MedBI20 MedBI21 MedBI22
  /B=MedBIA1 MedBIA2 MedBIA3 MedBIA4 MedBIA5 MedBIA6 MedBIA7 MedBIA8 MedBIA9 MedBIA10 MedBIA11 MedBIA12
    MedBIA13 MedBIA14 MedBIA15 MedBIA16 MedBIA17 MedBIA18 MedBIA19 MedBIA20 MedBIA21 MedBIA22.
    if ANY(A, 21200,21201,21202) & Medcnjd=1 & B=1 LipidTak=LipidTak+1.
    if  ANY(A, 21200,21201,21202) & Medcnjd=1 & B=2 LipidNTak=LipidNTak+1.
    if (A<> 21200 & A<>21201 & A<>21202)  & Medcnjd=1 XLipidTak=XLipidTak+1.
end repeat.
RECODE LipidTak (0=-99).
IF Medcnjd=-1 LipidTak=-1.
IF Medcnjd=2 LipidTak=0.
IF Medcnjd=3 LipidTak=-8.
IF  RANGE(age,0,15) LipidTak=-1.
IF LipidTak=-99 & Medcnjd=1 & (XLipidTak>0 | LipidNTak>0)  LipidTak=0.
VARIABLE LABELS LipidTak "(D) Number of prescribed lipid lowering medications taken in the last seven
days".
VALUE LABELS LipidTak
 -1 "Not applicable"
 -8 "Don't know/Refused"
  0 "None taken".
```

LIPIDTAK2: (D) Any prescribed lipid-lowering medications taken in last 7 days, (binary)

    0 No
    1 Yes,at least one

SPSS Syntax

```
NUMERIC LipidTakg2 (F3.0).
RECODE LipidTak (2 THRU HI=1)(ELSE=COPY) INTO LipidTakg2.
VARIABLE LABELS LipidTakg2 "(D) Any prescribed lipid-lowering medications taken in last 7 days, (binary)".
VALUE LABELS LipidTakg2
-8 "Don't know"
-1 "Not applicable"
 0 "No"
 1 "Yes,at least one".
```

ANTIPLATAK: (D) Number of prescribed antiplatelets taken in the last seven days

    0 None taken

SPSS Syntax

```
NUMERIC AntiPlaTak XAntiPlaTak AntiPlaNTak(F4.0).
COMPUTE AntiPlaTak=0.
COMPUTE XAntiPlaTak=0.
COMPUTE AntiPlaNTak=0.
do repeat A=MedBI01 MedBI02 MedBI03 MedBI04 MedBI05 MedBI06 MedBI07 MedBI08 MedBI09 MedBI10 MedBI11
MedBI12
    MedBI13 MedBI14 MedBI15 MedBI16 MedBI17 MedBI18 MedBI19 MedBI20 MedBI21 MedBI22
  /B=MedBIA1 MedBIA2 MedBIA3 MedBIA4 MedBIA5 MedBIA6 MedBIA7 MedBIA8 MedBIA9 MedBIA10 MedBIA11 MedBIA12
    MedBIA13 MedBIA14 MedBIA15 MedBIA16 MedBIA17 MedBIA18 MedBIA19 MedBIA20 MedBIA21 MedBIA22.
```

```
      if A=20900  & Medcnjd=1 & B=1 AntiPlaTak=AntiPlaTak+1.
      if A=20900  & Medcnjd=1 & B=2 AntiPlaNTak=AntiPlaNTak+1.
      if RANGE(A, 10101, 999999) & A<>20900  & Medcnjd=1 XAntiPlaTak=XAntiPlaTak+1.
end repeat.
RECODE AntiPlaTak (0=-99).
IF Medcnjd=-1 AntiPlaTak=-1.
IF Medcnjd=2 AntiPlaTak=0.
IF Medcnjd=3 AntiPlaTak=-8.
IF  RANGE(age,0,15) AntiPlaTak=-1.
IF AntiPlaTak=-99 & Medcnjd=1 & (XAntiPlaTak>0 | AntiPlaNTak>0)  AntiPlaTak=0.
VARIABLE LABELS AntiPlaTak "(D) Number of prescribed antiplatelets taken in the last seven days".
VALUE LABELS AntiPlaTak
 -1 "Not applicable"
 -8 "Don't know/Refused"
  0 "None taken".
```

ANTIPLATAKG2: (D) Any prescribed antiplatlets taken in last 7 days, (binary)
    0 No
    1 Yes,at least one

SPSS Syntax

```
NUMERIC AntiPlaTakg2 (F3.0).
RECODE AntiPlaTak (2 THRU HI=1)(ELSE=COPY) INTO AntiPlaTakg2.
VARIABLE LABELS AntiPlaTakg2 "(D) Any prescribed antiplatlets taken in last 7 days, (binary)".
VALUE LABELS AntiPlaTakg2
-8 "Don't know"
-1 "Not applicable"
 0 "No"
 1 "Yes,at least one".
```

ANALGTAK: (D) Number of prescribed analgesics taken in the last seven days
    0 None taken

SPSS Syntax

```
NUMERIC AnalgTak XAnalgTak AnalgNTak(F4.0).
COMPUTE AnalgTak=0.
COMPUTE XAnalgTak=0.
COMPUTE AnalgNTak=0.
do repeat A=MedBI01 MedBI02 MedBI03 MedBI04 MedBI05 MedBI06 MedBI07 MedBI08 MedBI09 MedBI10 MedBI11
MedBI12
    MedBI13 MedBI14 MedBI15 MedBI16 MedBI17 MedBI18 MedBI19 MedBI20 MedBI21 MedBI22
  /B=MedBIA1 MedBIA2 MedBIA3 MedBIA4 MedBIA5 MedBIA6 MedBIA7 MedBIA8 MedBIA9 MedBIA10 MedBIA11 MedBIA12
    MedBIA13 MedBIA14 MedBIA15 MedBIA16 MedBIA17 MedBIA18 MedBIA19 MedBIA20 MedBIA21 MedBIA22.
    if ANY(A, 100101,40701,40702,40703,40704,100302)  & Medcnjd=1 & B=1 AnalgTak=AnalgTak+1.
    if ANY(A, 100101,40701,40702,40703,40704,100302)  & Medcnjd=1 & B=2 AnalgNTak=AnalgNTak+1.
    if (RANGE(A, 10101, 999999) & NOT ANY(A,100101,40701,40702,40703,40704,100302))  & Medcnjd=1
XAnalgTak=XAnalgTak+1.
end repeat.
RECODE AnalgTak (0=-99).
IF Medcnjd=-1 AnalgTak=-1.
IF Medcnjd=2 AnalgTak=0.
IF Medcnjd=3 AnalgTak=-8.
IF  RANGE(age,0,15) AnalgTak=-1.
IF AnalgTak=-99 & Medcnjd=1 & (XAnalgTak>0 | AnalgNTak>0)  AnalgTak=0.
VARIABLE LABELS AnalgTak "(D) Number of prescribed analgesics taken in the last seven days".
VALUE LABELS AnalgTak
 -1 "Not applicable"
 -8 "Don't know/Refused"
  0 "None taken".
```

ANALGTAK2: (D) Any prescribed analgesics taken in last 7 days (binary)
    0 No
    1 Yes,at least one

SPSS Syntax

```
NUMERIC AnalgTakg2 (F3.0).
RECODE AnalgTak (2 THRU HI=1)(ELSE=COPY) INTO AnalgTakg2.
VARIABLE LABELS AnalgTakg2 "(D) Any prescribed analgesics taken in last 7 days (binary)".
VALUE LABELS AnalgTakg2
-8 "Don't know"
-1 "Not applicable"
 0 "No"
 1 "Yes,at least one".
```

PROTONTAK: (D) Number of prescribed proton pump inhibitors taken in the last seven days

  0 None taken

```
SPSS Syntax

NUMERIC ProtonTak XProtonTak ProtonNTak(F4.0).
COMPUTE ProtonTak=0.
COMPUTE XProtonTak=0.
COMPUTE ProtonNTak=0.
do repeat A=MedBI01 MedBI02 MedBI03 MedBI04 MedBI05 MedBI06 MedBI07 MedBI08 MedBI09 MedBI10 MedBI11
MedBI12
    MedBI13 MedBI14 MedBI15 MedBI16 MedBI17 MedBI18 MedBI19 MedBI20 MedBI21 MedBI22
  /B=MedBIA1 MedBIA2 MedBIA3 MedBIA4 MedBIA5 MedBIA6 MedBIA7 MedBIA8 MedBIA9 MedBIA10 MedBIA11 MedBIA12
    MedBIA13 MedBIA14 MedBIA15 MedBIA16 MedBIA17 MedBIA18 MedBIA19 MedBIA20 MedBIA21 MedBIA22.
    if A=10305 & Medcnjd=1 & B=1 ProtonTak=ProtonTak+1.
    if A=10305  & Medcnjd=1 & B=2 ProtonNTak=ProtonNTak+1.
    if (RANGE(A, 10101, 999999) & A<>10305)  & Medcnjd=1 XProtonTak=XProtonTak+1.
end repeat.
RECODE ProtonTak (0=-99).
IF Medcnjd=-1 ProtonTak=-1.
IF Medcnjd=2 ProtonTak=0.
IF Medcnjd=3 ProtonTak=-8.
IF  RANGE(age,0,15) ProtonTak=-1.
IF ProtonTak=-99 & Medcnjd=1 & (XProtonTak>0 | ProtonNTak>0)  ProtonTak=0.
VARIABLE LABELS ProtonTak "(D) Number of prescribed proton pump inhibitors taken in the last seven days".
VALUE LABELS ProtonTak
 -1 "Not applicable"
 -8 "Don't know/Refused"
  0 "None taken".
```

PROTONTAK2: (D) Any prescribed proton pump inhibitors taken in last 7 days (binary)

  0 No
  1 Yes,at least one

```
SPSS Syntax

NUMERIC ProtonTakg2 (F3.0).
RECODE ProtonTak (2 THRU HI=1)(ELSE=COPY) INTO ProtonTakg2.
VARIABLE LABELS ProtonTakg2 "(D) Any prescribed proton pump inhibitors taken in last 7 days (binary)".
VALUE LABELS ProtonTakg2
-8 "Don't know"
-1 "Not applicable"
 0 "No"
 1 "Yes,at least one".
```

ANTIDEPTAK: (D) Number of prescribed antidepressants taken in the last seven days

  0 None taken

```
SPSS Syntax

NUMERIC AntiDepTak XAntiDepTak AntiDepNTak(F4.0).
COMPUTE AntiDepTak=0.
COMPUTE XAntiDepTak=0.
COMPUTE AntiDepNTak=0.
do repeat A=MedBI01 MedBI02 MedBI03 MedBI04 MedBI05 MedBI06 MedBI07 MedBI08 MedBI09 MedBI10 MedBI11
MedBI12
    MedBI13 MedBI14 MedBI15 MedBI16 MedBI17 MedBI18 MedBI19 MedBI20 MedBI21 MedBI22
  /B=MedBIA1 MedBIA2 MedBIA3 MedBIA4 MedBIA5 MedBIA6 MedBIA7 MedBIA8 MedBIA9 MedBIA10 MedBIA11 MedBIA12
    MedBIA13 MedBIA14 MedBIA15 MedBIA16 MedBIA17 MedBIA18 MedBIA19 MedBIA20 MedBIA21 MedBIA22.
    if ANY(A, 40301,40302,40303,40304)  & Medcnjd=1 & B=1 AntiDepTak=AntiDepTak+1.
    if ANY(A, 40301,40302,40303,40304)  & Medcnjd=1 & B=2 AntiDepNTak=AntiDepNTak+1.
    if (RANGE(A, 10101, 999999) & NOT ANY(A, 40301,40302,40303,40304))  & Medcnjd=1
XAntiDepTak=XAntiDepTak+1.
end repeat.
RECODE AntiDepTak (0=-99).
IF Medcnjd=-1 AntiDepTak=-1.
IF Medcnjd=2 AntiDepTak=0.
IF Medcnjd=3 AntiDepTak=-8.
IF  RANGE(age,0,15) AntiDepTak=-1.
IF AntiDepTak=-99 & Medcnjd=1 & (XAntiDepTak>0 | AntiDepNTak>0)  AntiDepTak=0.
VARIABLE LABELS AntiDepTak "(D) Number of prescribed antidepressants taken in the last seven days".
VALUE LABELS AntiDepTak
 -1 "Not applicable"
 -8 "Don't know/Refused"
  0 "None taken".
```

ANTIDEPTAKG2: (D) Any antidepressants taken in last 7 days (binary)

    0 No
    1 Yes,at least one

```
SPSS Syntax

NUMERIC AntiDepTakg2 (F3.0).
RECODE AntiDepTak (2 THRU HI=1)(ELSE=COPY) INTO AntiDepTakg2.
VARIABLE LABELS AntiDepTakg2 "(D) Any antidepressants taken in last 7 days (binary)".
VALUE LABELS AntiDepTakg2
-8 "Don't know"
-1 "Not applicable"
 0 "No"
 1 "Yes,at least one".
```

COPDTAK: (D) Number of prescribed asthma or COPD medications taken in the last seven days

    0 None taken

```
SPSS Syntax

NUMERIC COPDTak XCOPDTak COPDNTak(F4.0).
COMPUTE COPDTak=0.
COMPUTE XCOPDTak=0.
COMPUTE COPDNTak=0.
do repeat A=MedBI01 MedBI02 MedBI03 MedBI04 MedBI05 MedBI06 MedBI07 MedBI08 MedBI09 MedBI10 MedBI11
MedBI12
    MedBI13 MedBI14 MedBI15 MedBI16 MedBI17 MedBI18 MedBI19 MedBI20 MedBI21 MedBI22
 /B=MedBIA1 MedBIA2 MedBIA3 MedBIA4 MedBIA5 MedBIA6 MedBIA7 MedBIA8 MedBIA9 MedBIA10 MedBIA11 MedBIA12
    MedBIA13 MedBIA14 MedBIA15 MedBIA16 MedBIA17 MedBIA18 MedBIA19 MedBIA20 MedBIA21 MedBIA22.
    if ANY(A, 30101,30102,30103,30104,30200,30301,30302,30303,30600)  & Medcnjd=1 & B=1 COPDTak=COPDTak+1.
    if ANY(A, 30101,30102,30103,30104,30200,30301,30302,30303,30600)  & Medcnjd=1 & B=2
COPDNTak=COPDNTak+1.
    if (RANGE(A, 10101, 999999) & NOT ANY(A, 30101,30102,30103,30104,30200,30301,30302,30303,30600) ) &
Medcnjd=1 XCOPDTak=XCOPDTak+1.
end repeat.
RECODE COPDTak (0=-99).
IF Medcnjd=-1 COPDTak=-1.
IF Medcnjd=2 COPDTak=0.
IF Medcnjd=3 COPDTak=-8.
IF  RANGE(age,0,15) COPDTak=-1.
IF COPDTak=-99 & Medcnjd=1 & (XCOPDTak>0 | COPDNTak>0)  COPDTak=0.
VARIABLE LABELS COPDTak "(D) Number of prescribed asthma or COPD medications taken in the last seven
days".
VALUE LABELS COPDTak
 -1 "Not applicable"
 -8 "Don't know/Refused"
  0 "None taken".
```

COPDTAKG2: (D) Any prescribed asthma or COPD medications taken in last 7 days (binary)

    0 No
    1 Yes,at least one

```
SPSS Syntax

NUMERIC COPDTakg2 (F3.0).
RECODE COPDTak (2 THRU HI=1)(ELSE=COPY) INTO COPDTakg2.
VARIABLE LABELS COPDTakg2 "(D) Any prescribed asthma or COPD medications taken in last 7 days (binary)".
VALUE LABELS COPDTakg2
-8 "Don't know"
-1 "Not applicable"
 0 "No"
 1 "Yes,at least one".
```

ANTIDIABTAK: (D) Number of prescribed antidiabetic medications taken in the last seven days

    0 None taken

```
SPSS Syntax

NUMERIC AntiDiabTak XAntiDiabTak AntiDiabNTak(F4.0).
COMPUTE AntiDiabTak=0.
COMPUTE XAntiDiabTak=0.
COMPUTE AntiDiabNTak=0.
do repeat A=MedBI01 MedBI02 MedBI03 MedBI04 MedBI05 MedBI06 MedBI07 MedBI08 MedBI09 MedBI10 MedBI11
MedBI12
    MedBI13 MedBI14 MedBI15 MedBI16 MedBI17 MedBI18 MedBI19 MedBI20 MedBI21 MedBI22
 /B=MedBIA1 MedBIA2 MedBIA3 MedBIA4 MedBIA5 MedBIA6 MedBIA7 MedBIA8 MedBIA9 MedBIA10 MedBIA11 MedBIA12
```

```
     MedBIA13 MedBIA14 MedBIA15 MedBIA16 MedBIA17 MedBIA18 MedBIA19 MedBIA20 MedBIA21 MedBIA22.
     if ANY(A, 60101,60102,60121,60122,60123)  & Medcnjd=1 & B=1 AntiDiabTak=AntiDiabTak+1.
     if ANY(A, 60101,60102,60121,60122,60123)  & Medcnjd=1 & B=2 AntiDiabNTak=AntiDiabNTak+1.
     if (RANGE(A, 10101, 999999) & NOT ANY(A, 60101,60102,60121,60122,60123) ) & Medcnjd=1
XAntiDiabTak=XAntiDiabTak+1.
end repeat.
RECODE AntiDiabTak (0=-99).
IF Medcnjd=-1 AntiDiabTak=-1.
IF Medcnjd=2 AntiDiabTak=0.
IF Medcnjd=3 AntiDiabTak=-8.
IF  RANGE(age,0,15) AntiDiabTak=-1.
IF AntiDiabTak=-99 & Medcnjd=1 & (XAntiDiabTak>0 | AntiDiabNTak>0)  AntiDiabTak=0.
VARIABLE LABELS AntiDiabTak "(D) Number of prescribed antidiabetic medications taken in the last seven
days".
VALUE LABELS AntiDiabTak
 -1 "Not applicable"
 -8 "Don't know/Refused"
  0 "None taken".
```

ANTIDIABTAKG2: (D) Any prescribed antidiabetic medications taken in last 7 days (binary)

    0 No
    1 Yes,at least one

SPSS Syntax

```
NUMERIC AntiDiabTakg2 (F3.0).
RECODE AntiDiabTak (2 THRU HI=1)(ELSE=COPY) INTO AntiDiabTakg2.
VARIABLE LABELS AntiDiabTakg2 "(D) Any prescribed antidiabetic medications taken in last 7 days (binary)".
VALUE LABELS AntiDiabTakg2
-8 "Don't know"
-1 "Not applicable"
 0 "No"
 1 "Yes,at least one".
```

ANTIBACTAK: (D) Number of prescribed antibacterial medications taken in the last seven days

    0 None taken

SPSS Syntax

```
NUMERIC AntiBacTak XAntiBacTak AntiBacNTak(F4.0).
COMPUTE AntiBacTak=0.
COMPUTE XAntiBacTak=0.
COMPUTE AntiBacNTak=0.
do repeat A=MedBI01 MedBI02 MedBI03 MedBI04 MedBI05 MedBI06 MedBI07 MedBI08 MedBI09 MedBI10 MedBI11
MedBI12
     MedBI13 MedBI14 MedBI15 MedBI16 MedBI17 MedBI18 MedBI19 MedBI20 MedBI21 MedBI22
  /B=MedBIA1 MedBIA2 MedBIA3 MedBIA4 MedBIA5 MedBIA6 MedBIA7 MedBIA8 MedBIA9 MedBIA10 MedBIA11 MedBIA12
     MedBIA14 MedBIA15 MedBIA16 MedBIA17 MedBIA18 MedBIA19 MedBIA20 MedBIA21 MedBIA22.
     if ANY(A, 50101,50102,50103,50104,50105,50106,50107,50108,50109,50110,50111,50112,50113)  & Medcnjd=1
& B=1 AntiBacTak=AntiBacTak+1.
     if ANY(A, 50101,50102,50103,50104,50105,50106,50107,50108,50109,50110,50111,50112,50113)  & Medcnjd=1
& B=2 AntiBacNTak=AntiBacNTak+1.
     if (RANGE(A, 10101, 999999) & not ANY(A,
50101,50102,50103,50104,50105,50106,50107,50108,50109,50110,50111,50112,50113) ) & Medcnjd=1
XAntiBacTak=XAntiBacTak+1.
end repeat.
RECODE AntiBacTaK (0=-99).
IF Medcnjd=-1 AntiBacTaK=-1.
IF Medcnjd=2 AntiBacTaK=0.
IF Medcnjd=3 AntiBacTaK=-8.
IF  RANGE(age,0,15) AntiBacTaK=-1.
IF AntiBacTak=-99 & Medcnjd=1 & (XAntiBacTak>0 | AntiBacNTak>0)  AntiBacTak=0.
VARIABLE LABELS AntiBacTak "(D) Number of prescribed antibacterial medications taken in the last
seven days".
VALUE LABELS AntiBacTak
 -1 "Not applicable"
 -8 "Don't know/Refused"
  0 "None taken".
```

ANTIBACTAKG2: (D) Any prescribed antibacterial medications taken in last 7 days (binary)

    0 No
    1 Yes,at least one

SPSS Syntax

```
NUMERIC AntiBacTakg2 (F3.0).
RECODE AntiBacTak (2 THRU HI=1)(ELSE=COPY) INTO AntiBacTakg2.
VARIABLE LABELS AntiBacTakg2 "(D) Any prescribed antibacterial medications taken in last 7 days (binary)".
VALUE LABELS AntiBacTakg2
```

```
-8 "Don't know"
-1 "Not applicable"
 0 "No"
 1 "Yes,at least one".
```

Self-Assessed Health

GENHELF2: (D) Self-assessed general health (grouped)
    1   Very good/good
    2   Fair
    3   Bad/very bad

```
RECODE genhelf (3=2)(1 thru 2=1)(4 thru 5=3)(ELSE=Copy) INTO genhelf2 .
VARIABLE LABELS genhelf2 "(D) Self-assessed general health - grouped" .
VALUE LABELS genhelf2
  1 'Very good/good'
  2 'Fair'
  3 'Bad/very bad'.
exe.
```

GENHELF4: (D) General health 4 categories
    1   Very good
    2   Good
    3   Fair
    4   Bad/very bad

```
RECODE genhelf (1=1) (2=2) (3=3) (4 THRU 5=4) (else=copy) into genhelf4.
VARIABLE LABELS genhelf4 '(D) General health 4 categories'.
VALUE LABELS genhelf4 1'Very good' 2 'Good' 3 'Fair' 4 'Bad/very bad'.

FREQUENCIES genhelf4 .
CROSSTABS genhelf by genhelf4.
```

Personal Care Plan

PCAREP1: (D) Whether been offered a personal care plan
    1   Agreed personal care plan in last 12 months
    2   Agreed personal care plan in more than 12 month
    3   Discussing, but not yet agreed
    4   Offered, but did not want one/not suitable
    5   Not offered, but would like one
    6   Not offered, and did not want one
    7   Not offered, and don't know whether want one.

```
compute pcarep1=9.
if age<16 pcarep1=-1.
if limlast=3 pcarep1=-1.
if planag=1 pcarep1=1.
if planag=2 pcarep1=2.
if planag=3 and whynopl=2 pcarep1=3.
if planag=3 and whynopl=95 pcarep1=4.
if planag=3 and whynopl=1 pcarep1=4.
if planag=3 and offplan=2 and likeplan=1 pcarep1=5.
if planag=3 and offplan=2 and likeplan=2 pcarep1=6.
if planag=3 and offplan=2 and likeplan=3 pcarep1=7.
if any (-8, planag, whynopl, offplan, likeplan) pcarep1=-8.
if any (-9, planag, whynopl, offplan, likeplan) pcarep1=-9.
if planag<0 pcarep1=planag.
VARIABLE LABELS pcarep1 "(D) Whether been offered a personal care plan".
VALUE LABELS pcarep1
  -1 'Item not applicable'
  1 'Agreed personal care plan in last 12 months'
  2 'Agreed personal care plan in more than 12 months'
  3 'Discussing, but not yet agreed'
```

```
  4 'Offered, but did not want one/not suitable'
  5 'Not offered, but would like one'
  6 'Not offered, and did not want one'
  7 "Not offered, and don't know whether want one".
```

CAREPS: (D) Personal care plan status grouped
  0 Discussing plan or offered and didn't want
  1 Agreed a personal care plan
  2 Not offered but would like to discuss
  3 Not offered and would not like to discuss.

SPSS Syntax

```
NUMERIC careps (F2.0).
compute careps=-999.
if pcarep1=1 careps=1.
if pcarep1=2 careps=1.
if pcarep1=3 careps=0.
if pcarep1=4 careps=0.
if pcarep1=5 careps=2.
if pcarep1=6 careps=3.
if pcarep1=7 careps=3.
if pcarep1<0 careps=pcarep1.
execute.
variable labels careps "(D) Personal care plan status grouped".
value labels careps
0 "Discussing plan or offered and didn't want"
1 "Agreed a personal care plan"
2 "Not offered but would like to discuss"
3 "Not offered and would not like to discuss".
```

Hearing

HEAR: (D) Hearing/Hearing aid status
  1 No hearing problems and don't wear a hearing aid
  2 Hearing difficulties but not currently wearing a hearing aid
  3 Wear a hearing aid nowadays

SPSS Syntax

```
COMPUTE Hear = -99.
IF (HrAid = -1 AND DifHrAid = -1) Hear = -1.
IF (HrAid = 2 AND DifHrAid = 2) Hear = 1.
IF (HrAid = 2 AND DifHrAid = 1) Hear = 2.
IF (HrAid = 1)  Hear = 3.
IF (HrAid = -8) Hear = -8.
IF (HrAid = 3)  Hear = -9.
IF (HrAid = 2 AND DifHrAid = -8) Hear = -8.
IF (HrAid = 2 AND DifHrAid =  3) Hear = -9.
VARIABLE LABELS Hear
"(D) Hearing/Hearing aid status".
VALUE LABELS Hear
1 "No hearing problems and don't wear a hearing aid"
2 'Hearing difficulties but not currently wearing a hearing aid'
3 "Wear a hearing aid nowadays"
-1 'Not applicable'
-8 "Don't know"
-9 'Refused'.
```

BESTEAR: (D) Result from best performing ear. Derived from HrLeft and HrRight
  1 With no difficulty
  2 With slight difficulty
  3 With moderate difficulty
  4 With great difficulty
  5 Cannot hear at all

SPSS Syntax

```
COMPUTE BestEar=MIN(HrLeft1,HrRight1).
EXECUTE.

VARIABLE LABELS BestEar
"(D) Result from best performing ear. Derived from HrLeft and HrRight".
```

```
VALUE LABELS BestEar
-8"Don't know"
-1"Not applicable"
1"With no difficulty"
2"With slight difficulty"
3"With moderate difficulty"
4"With great difficulty"
5 "Cannot hear at all"
-9"Refused".
```

HRMODGT: (D) Binary - Moderate or great difficulty hearing and other
    1   Moderate or great difficulty hearing
    2   Other

SPSS Syntax

```
RECODE BestEar (1=2) (2=2) (3=1) (4=1) (5=2) (ELSE=COPY) INTO HrModGt.
VARIABLE LABELS HrModGt "(D) Binary - Moderate or great difficulty hearing and other".
VALUE LABELS HrModGt
1 'Moderate or great difficulty hearing'
2 'Other'.
```

HRMODDEAF: (D) Binary - Moderate difficulty hearing or worse and other
    1   Moderate difficulty hearing or worse
    2   Other

SPSS Syntax

```
RECODE BestEar (1=2) (2=2) (3=1) (4=1) (5=1) (ELSE=COPY) INTO HrModDeaf.
VARIABLE LABELS HrModDeaf "(D) Binary - Moderate difficulty hearing or worse and other".
VALUE LABELS HrModDeaf
1 'Moderate difficulty hearing or worse'
2 'Other'.
```

MAXDIFF: (D) The poorest result from HrTV,HrGrp1 and BestEar
    1 With no difficulty
    2 With slight difficulty
    3 With moderate difficulty
    4 With great difficulty

SPSS Syntax

```
COMPUTE MaxDiff=MAX(HrTV1,HrGrp1,BestEar).
EXECUTE.
IF (DifHrAid=1) & (HrRight=1) & (Hrleft=1) & (HrTV=1) & (HrGrp=1) MaxDiff=2.
freq MaxDiff.

RECODE MaxDiff (5=4).
EXECUTE.

VALUE LABELS MaxDiff
-9"Refused"
-8"Don't know"
-1"Not applicable"
1"With no difficulty"
2"With slight difficulty"
3"With moderate difficulty"
4"With great difficulty".

freq MaxDiff.

VARIABLE LABELS MaxDiff
"(D) The poorest result from HrTV,HrGrp1 and BestEar".
```

MAXDIFF2: (D) Difficult hearing (summary of bestear,HrTV,HrGrp)
    1 none
    2 slight
    3 moderate
    4 great

SPSS Syntax

```
compute maxdiff2=max(bestear,HrTV,HrGrp).
exe.

if (DifHrAid=1) & (HrRight=1) & (Hrleft=1) & (HrTV=1) & (HrGrp=1) maxdiff2=2.

do if maxdiff2=1.
```

```
if bestear=1 & (hrright~=hrleft) & (hrtv=1) & (hrgrp=1) & (DifHrAid =2) & (hraid=2) maxdiff2=2.
if bestear=1 & (hrright~=hrleft) & (hrtv=1) & (hrgrp=1) & (DifHrAid =1) maxdiff2=2.
if bestear=1 & (hrright~=hrleft) & (hrtv=1) & (hrgrp=1) & (DifHrAid =-1) & (hraid=1) maxdiff2=2.
end if.
exe.
recode maxdiff2 (4 thru 5=4).
exe.
if any(HrRight,-9,-8,6)|any(HrLeft,-9,-8,6)|any(HrTV,-9,-8,5)|any(HrGrp,-8,-9,5)|any(DifHrAid,-8,3)
maxdiff2=-1.
exe.

val labels maxdiff2
1 "none"
2 "slight"
3 "moderate"
4 "great".
fre maxdiff2.
```

HRTEST12: (D) Hearing test in last 12 months
    1   Has had a hearing test in last 12 months
    2   No hearing test in last 12 months

SPSS Syntax

```
RECODE HrTest (1=1) (2=1) (3=1) (4=2) (5=-9) (ELSE=COPY) INTO HrTest12.
VARIABLE LABELS HrTest12
"(D) Hearing test in last 12 months".
VALUE LABELS HrTest12
1 'Has had a hearing test in last 12 months'
2 'No hearing test in last 12 months'.

Cro HrTest by HrTest12.
```

HRAIDUSE: (D) Hearing aid use status
    1   Currently uses a hearing aid
    2   Used to use a hearing aid
    3   Never used a hearing aid

SPSS Syntax

```
Compute HrAidUse = -99.
IF HRAid = -1 & EvHrAid = -1 HrAidUse = -1.
IF HRAid = 2 & EvHrAid = 3 HrAidUse = -9.
IF HRAid = 3 HrAidUse = -9.
IF HRAid = -8 HrAidUse = -8.
IF HRAid = 1 HrAidUse = 1.
IF HRAid = 2 & EvHrAid = 1 HrAidUse = 2.
IF HRAid = 2 & EvHrAid = 2 HrAidUse = 3.

VARIABLE LABELS HrAidUse
"(D) Hearing aid use status".
VALUE LABELS HrAidUse
1 'Currently uses a hearing aid'
2 'Used to use a hearing aid'
3 'Never used a hearing aid'.

CRO HRAid by EvHrAid.
CRO HRAid by HrAidUse.
CRO EvHrAid by HrAidUse.

Tables
    /table HrAidUse by HRAid > EvHrAid.
```

Hearing Test

LEFTSUMM1KHZ: (D) Summary variable of hearing test at 1khz for left ear
    1   Good hearing
    2   Mild to moderate
    3   Moderate
    4   Moderate to severe
    5   Irregular pattern

SPSS Syntax

```
Compute LeftSumm1khz=-2.
if (HeHLfA1=-1 &  HeHLfA2=-1 &   HeHLfA3=-1)  LeftSumm1khz=-1.
if (HeHLfA1=1 &   HeHLfA2=1 & HeHLfA3=1)  LeftSumm1khz=1.
```

```
if (HeHLfA1=1 &   HeHLfA2=1 & HeHLfA3=2)  LeftSumm1khz=2.
if (HeHLfA1=1 &   HeHLfA2=2 & HeHLfA3=2)  LeftSumm1khz=3.
if (HeHLfA1=2 &   HeHLfA2=2 & HeHLfA3=2)  LeftSumm1khz=4.

if (HeHLfA1=2 &   HeHLfA2=1 & HeHLfA3=2)  LeftSumm1khz=5.
if (HeHLfA1=2 &   HeHLfA2=1 & HeHLfA3=1)  LeftSumm1khz=5.
if (HeHLfA1=1 &   HeHLfA2=2 & HeHLfA3=1)  LeftSumm1khz=5.
VARIABLE LABELS LeftSumm1khz
"(D) Summary variable of hearing test at 1khz for left ear".
VALUE LABELS LeftSumm1khz
1 "Good hearing"
2 "Mild to moderate"
3 "Moderate"
4 "Moderate to severe"
5 "irregular pattern".
fre LeftSumm1khz.
```

RIGHTSUMM1KHZ: (D) Summary variable of hearing test at 1khz for right ear

1 Good hearing
2 Mild to moderate
3 Moderate
4 Moderate to severe
5 Irregular pattern

SPSS Syntax

```
compute RightSumm1khz=-2.
if (HeHRgA1=-1 &  HeHRgA2=-1 &   HeHRgA3=-1)  RightSumm1khz=-1.
if (HeHRgA1=1 &   HeHRgA2=1 & HeHRgA3=1)  RightSumm1khz=1.
if (HeHRgA1=1 &   HeHRgA2=1 & HeHRgA3=2)  RightSumm1khz=2.
if (HeHRgA1=1 &   HeHRgA2=2 & HeHRgA3=2)  RightSumm1khz=3.
if (HeHRgA1=2 &   HeHRgA2=2 & HeHRgA3=2)  RightSumm1khz=4.
if (HeHRgA1=2 &   HeHRgA2=1 & HeHRgA3=2)  RightSumm1khz=5.
if (HeHRgA1=2 &   HeHRgA2=1 & HeHRgA3=1)  RightSumm1khz=5.
if (HeHRgA1=1 &   HeHRgA2=2 & HeHRgA3=1)  RightSumm1khz=5.
if (HeHRgA1=2 &   HeHRgA2=2 & HeHRgA3=1)  RightSumm1khz=5.
VARIABLE LABELS RightSumm1khz
"(D) Summary variable of hearing test at 1khz for right ear".
VALUE LABELS RightSumm1khz
1 "Good hearing"
2 "Mild to moderate"
3 "Moderate"
4 "Moderate to severe"
5 "irregular pattern".
freq RightSumm1khz.
```

LEFTSUMM3KHZ: (D) Summary variable of hearing test at 3khz for left ear

1 Good hearing
2 Mild to moderate
3 Moderate
4 Moderate to severe
5 Irregular pattern

SPSS Syntax

```
compute LeftSumm3khz=-2.
if (HeHLfb1=-1 &  HeHLfb2=-1 &   HeHLfb3=-1)  LeftSumm3khz=-1.
if (HeHLfb1=1 &   HeHLfb2=1 & HeHLfb3=1)  LeftSumm3khz=1.
if (HeHLfb1=1 &   HeHLfb2=1 & HeHLfb3=2)  LeftSumm3khz=2.
if (HeHLfb1=1 &   HeHLfb2=2 & HeHLfb3=2)  LeftSumm3khz=3.
if (HeHLfb1=2 &   HeHLfb2=2 & HeHLfb3=2)  LeftSumm3khz=4.
if (HeHLfb1=2 &   HeHLfb2=1 & HeHLfb3=2)  LeftSumm3khz=5.
if (HeHLfb1=2 &   HeHLfb2=1 & HeHLfb3=1)  LeftSumm3khz=5.
if (HeHLfb1=1 &   HeHLfb2=2 & HeHLfb3=1)  LeftSumm3khz=5.
if (HeHLfb1=2 &   HeHLfb2=2 & HeHLfb3=1)  LeftSumm3khz=5.
VARIABLE LABELS LeftSumm3khz
"(D) Summary variable of hearing test at 3khz for left ear".
VALUE LABELS LeftSumm3khz
1 "Good hearing"
2 "Mild to moderate"
3 "Moderate"
4 "Moderate to severe"
5 "irregular pattern".
fre LeftSumm3khz.
```

RIGHTSUMM3KHZ: (D) Summary variable of hearing test at 3khz for right ear

1 Good hearing
2 Mild to moderate
3 Moderate
4 Moderate to severe
5 irregular pattern

HRBETTER1KHZ: (D) Hearing 1khz (response for the better ear)

1 Good hearing
2 Mild to moderate
3 Moderate
4 Moderate to severe

HRBETTER3KHZ: (D) Hearing 3khz (response for the better ear)

1 Good hearing
2 Mild to moderate
3 Moderate
4 Moderate to severe

Adult Physical Activity

International physical activity questionnaire (IPAQ)

TOTMVIGD: (D) IPAQ: Total number of minutes usually spent doing vigiorous activities in a day

```
SPSS Syntax

NUMERIC TotmVigD (F7.2).
COMPUTE TotmVigD=-99.
IF age<16 TotmVigD=-1.
IF any(Screc,2,-1) TotmVigD=-1.
IF TVighou>=0  TotmVigD=TVigHou*60.
IF TVigMin>=0  TotmVigD=TotmVigD +TVigmin.
IF any(-9, TVigHou, TVigMin) TotmVigD=-9.
IF TotmVigD=-99 & NoVig=2 TotmVigD=0.
EXECUTE.
VARIABLE LABELS TotmVigD "(D) IPAQ: Total number of minutes usually spend doing vigorous activities in a
day".
```

TOTMMODD: (D) IPAQ: Total number of minutes usually spent doing moderate activities in a day

```
SPSS Syntax

NUMERIC TotmModD (F7.2).
COMPUTE TotmModD=-99.
IF age<16 TotmModD=-1.
IF any(Screc,2,-1) TotmModD=-1.
IF TModhou>=0  TotmModD=TModHou*60.
IF TModMin>=0  TotmModD=TotmModD +TModmin.
IF any(-9, TModHou, TModMin) TotmModD=-9.
IF TotmModD=-99 & NoMod=2 TotmModD=0.
EXECUTE.
VARIABLE LABELS TotmModD "(D) IPAQ: Total number of minutes usually spend doing moderate activities in a
day".
```

TOTMWALD: (D) IPAQ: Total number of minutes usually spent walking in a day

```
SPSS Syntax

NUMERIC TotmWalD (F7.2).
COMPUTE TotmWalD=-99.
IF age<16 TotmWalD=-1.
IF any(Screc,2,-1) TotmWalD=-1.
IF TWalhou>=0  TotmWalD=TWalHou*60.
IF TWalMin>=0  TotmWalD=TotmWalD +TWalmin.
IF any(-9, TWalHou, TWalMin) TotmWalD=-9.
IF TotmWalD=-99 & NoWalk=2 TotmWalD=0.
EXECUTE.
VARIABLE LABELS TotmWalD "(D) IPAQ: Total number of minutes usually spend walking in a day".
```

TOTMSITD: (D) IPAQ: Total number of minutes usually spent sitting on a weekday

```
SPSS Syntax

NUMERIC TotmSitD (F7.2).
COMPUTE TotmSitD=-99.
IF age<16 TotmSitD=-1.
IF any(Screc,2,-1) TotmSitD=-1.
IF TSithou>=0  TotmSitD=TSitHou*60.
IF TSitMin>=0  TotmSitD=TotmSitD +TSitmin.
IF any(-9, TSitHou, TSitMin) TotmSitD=-9.
EXECUTE.
VARIABLE LABELS TotmSitD "(D) IPAQ: Total number of minutes spent sitting on a weekday".
```

TOTMVIGWK: (D) IPAQ: Total number of minutes of vigiorous activity in the last 7 days

SPSS Syntax

```
NUMERIC TotmVigWk (F7.2).
COMPUTE TotmVigWk=-99.
IF Lst7Vig=-1 TotmVigWk=-1.
IF Lst7Vig>0  TotmVigWk=Lst7Vig*TotmVigD.
IF NoVig=2 TotmVigWk=0.
IF Lst7Vig=-9 | TotmVigD=-9 TotmVigWk=-9.
EXECUTE.
VARIABLE LABELS TotmVigWk "(D) IPAQ: Total number of minutes of vigorous activity in the last 7 days".
```

TOTMMODWK: (D) IPAQ: Total number of minutes of moderate activity in the last 7 days

SPSS Syntax

```
NUMERIC TotmModWk (F7.2).
COMPUTE TotmModWk=-99.
IF Lst7Mod=-1 TotmModWk=-1.
IF Lst7Mod>0 TotmModWk=Lst7Mod*TotmModD.
IF NoMod=2 TotmModWk=0.
IF Lst7Mod=-9 | TotmModD=-9 TotmModWk=-9.
EXECUTE.
VARIABLE LABELS TotmModWk "(D) IPAQ: Total number of minutes of moderate activity in the last 7 days".
```

TOTMWALWK: (D) IPAQ: Total number of minutes of walking in the last 7 days

SPSS Syntax

```
NUMERIC TotmWalWk (F7.2).
COMPUTE TotmWalWk=-99.
IF Lst7Wal=-1 TotmWalWk=-1.
IF Lst7Wal>0 TotmWalWk=Lst7Wal*TotmWalD.
IF NoWalk=2 TotmWalWk=0.
IF Lst7Wal=-9 | TotmWalD=-9 TotmWalWk=-9.
EXECUTE.
VARIABLE LABELS TotmWalWk "(D) IPAQ: Total number of minutes walking in the last 7 days".
```

TOTMSITWK: (D) IPAQ: Total number of minutes spent sitting (weekdays only) in the last 7 days

SPSS Syntax

```
NUMERIC TotmSitWk (F7.2).
COMPUTE TotmSitWk=-99.
IF TotmSitD=-1 TotmSitWk=-1.
IF TotmSitD>=0 TotmSitWk=5*TotmSitD.
IF TotmSitD=-9 TotmSitWk=-9.
EXECUTE.
VARIABLE LABELS TotmSitWk "(D) IPAQ: Total number of minutes spent sitting (weekdays, only) in the last 7 days".
```

VPAMDAY: (D) IPAQ: Vigorous-intensity minutes (VPA) each day (10+ mins) *2

SPSS Syntax

```
NUMERIC VPAmDay (F7.2).
COMPUTE VPAmDay =-999.
IF NOT (age>=16 & range(scomp,1,2) & screc=1) VPAmDay=-1.
IF (Lst7Vig=-9 | (TvigHou=-9 & TvigMin=-9) | (TvigHou=-9 & TvigMin=0) | (TvigHou=0 & TvigMin=-9))
VPAmDay=-9.
IF (TVigMin>=0 & TVigHou>=0) & any(Lst7vig,1,2,3,4,5,6,7) VPAmDay  = (TVigMin + (TVigHou*60)) * 2.
IF NoVig=2 VPAmDay =0.
IF Range(VPAmDay,0,9) VPAmDay=0.
VARIABLE LABELS VPAmDay "(D) IPAQ: Vigorous-intensity minutes (VPA) each day (10+ mins)*2".
VALUE LABELS VPAmDay
-1 "Not applicable"
-9 "Refusal/Unknown".
```

MPAMDAY: (D) IPAQ: Moderate-intensity minutes (MPA) each day (10+ mins) *2

SPSS Syntax

```
NUMERIC MPAmDay (F7.2).
COMPUTE MPAmDay =-999.
IF NOT (age>=16 & range(scomp,1,2) & screc=1) MPAmDay=-1.
```

```
IF (Lst7Mod=-9 | (TModHou=-9 & TModMin=-9) | (TModHou=-9 & TModMin=0) | (TModHou=0 & TModMin=-9))
MPAmDay=-9.
if (TModMin>=0 & TModHou>=0) & any(Lst7Mod,1,2,3,4,5,6,7) MPAmDay  = TModMin + (TModHou*60).
if NoMod=2 MPAmDay =0.
IF Range(MPAmDay,0,9) MPAmDay=0.
VARIABLE LABELS MPAmDay "(D) IPAQ: Moderate-intensity minutes (MPA) each day (10+ mins)".
VALUE LABELS MPAmDay
-1 "Not applicable"
-9 "Refusal/Unknown".
```

VPAMWK: (D) IPAQ: Vigorous-intensity minutes (VPA) each week (10+ mins) *2

SPSS Syntax

```
NUMERIC VPAmWk (F7.2).
COMPUTE VPAmWk=-999.
IF VPAmDay<=0 VPAmWK=VPAmDay.
IF ANY(Lst7vig,1,2,3,4,5,6,7) & (VPAmDay>0) VPAmWk=(Lst7vig * VPAmDay).
VARIABLE LABELS VPAmWk  "(D) IPAQ: Vigorous-intensity miniutes (VPA) each week (10+ mins) * 2".
```

MPAMWK: (D) IPAQ: Moderate-intensity minutes (MPA) each week (10+ mins) *2

SPSS Syntax

```
NUMERIC MPAmWk (F7.2).
COMPUTE MPAmWk=-999.
IF MPAmDay<=0 MPAmWK=MPAmDay.
IF ANY(Lst7mod,1,2,3,4,5,6,7) & (MPAmDay>0) MPAmWk=(Lst7mod * MPAmDay).
VARIABLE LABELS MPAmWk "(D) IPAQ: Moderate-intensity minutes (MPA) each week (10+ mins)".
```

MVPAMWK: (D) IPAQ: Active – Moderate/Vigorous-intensity minutes (MVPA) each week

SPSS Syntax

```
NUMERIC MVPAmWk (F7.2).
COMPUTE MVPAmWk=-999.
IF MPAmDay=-1 MVPAmWK=MPAmDay.
IF MPAmWk=-9 | VPAmWk=-9  MVPAmWK=-9.
IF MPAmWK>=0 & VPAmWK>=0 MVPAmWK= MPAmWK + VPAmWk.
VARIABLE LABELS MVPAmWk "(D) IPAQ: Active - Moderate/Vigorous-intensity minutes (MVPA) each week".
```

MVPAMWKG: (D) IPAQ: Grouped Active – 30 minutes or more Moderate/Vigorous-intensity minutes (MVPA) each week
   1   Inactive below 30mins MVPA per week
   2   Active 30 mins or more

SPSS Syntax

```
NUMERIC MVPAmWkg (F7.2).
RECODE MVPAmWk  (0 thru 29.99999=1) (30.0 thru hi=2) (lo thru -1=COPY) INTO MVPAmWkg.
VARIABLE LABELS MVPAmWkg "(D) IPAQ: Grouped Active -  30 minutes or more Moderate/Vigorous-intensity
minutes (MVPA) each week".
VALUE LABELS MVPAmWKg
-1 "Not applicable"
-9 "Refusal/Unknown"
 1 "Inactive below 30 mins MVPA per week"
 2 "Active 30 mins or more".
```

MVPATERT: (D) IPAQ: Tertiles of moderate or vigorous intensive minutes of activity per week (sex-specific; excludes walking
   1   Low
   2   Medium
   3   High

SPSS Syntax

```
NUMERIC MVPATert (F3.0).
COMPUTE MVPATert=-999.
if MVPAmWk<0 MVPATert=MVPAmWk.
if sex=1 & range(MVPAmWk,0,120)  MVPATert=1.
if sex=1 & range(MVPAmWk,121,840)  MVPATert=2.
if sex=1 & range(MVPAmWk,841,13320)  MVPATert=3.
if sex=2 & MVPAmWk=0 MVPATert=1.
if sex=2 & range(MVPAmWk,10,496)  MVPATert=2.
if sex=2 & range(MVPAmWk,496,15120)  MVPATert=3.
VARIABLE LABELS MVPATert "(D) IPAQ: Tertiles of moderate or vigorous intensive minutes of activity per
week ( sex-specific; excludes walking)".
```

```
VALUE LABELS MVPATert
-1 "Not applicable"
-9 "Refusal/Unknown"
1 "Low"
2 "Medium"
3 "High".
```

Smoking

Adults General

CIGPIPENOW: (D) Current user of cigars or pipes, 16+yrs (c+sc)

    0   Has never smoked
    1   Ever smoked but not currently smoking a cigar or pipe
    2   Ever smoked but questions about cigar or pipe not applicable
    3   Currently smokes a cigar or pipe

```
SPSS Syntax

COMPUTE CigPipeNow=-99.
IF SmkEvr<0 CigPipeNow=SmkEvr.
IF SmkEvr=2 CigPipeNow=0.
IF SmkEvr=1 & age>=18 & ( (pipenowA=2 & sex=1) | cigarnow=2) CigPipenow=1.
IF SmkEvr=1  & age>=16 & ((pipenowA=-1 & sex=1) | cigarnow=-1) CigPipeNow=2.
IF SmkEvr=1  & age>=18 & ( (pipenowA=1 & sex=1) | cigarnow=1) CigPipenow=3.
IF range(age,0,15)  cigPipeNow=-1.
Freq CigPipenow.
VARIABLE LABELS CigPipeNow "(D) Current user of cigars or pipes, 16+yrs (c+sc)".
VALUE LABELS CigPipeNow
-9 "No answer/refused"
-8 "Don't know"
-1 "Item not applicable"
 0 "Has never smoked"
 1 "Ever smoked but not currently smoking a cigar or pipe"
 2 "Ever smoked but questions about cigar or pipe not applicable"
 3 "Currently smokes a cigar or pipe".
```

CIGST1: (D) Cigarette Smoking Status - Never/Ex-reg/Ex-occ/Current

    1   Never smoked cigarettes at all
    2   Used to smoke cigarettes occasionally
    3   Used to smoke cigarettes regularly
    4   Current cigarette smoker

```
SPSS Syntax

IF any(2,cigevr,smkevr) cigst1=1.
RECODE cigreg (3=1)(2=2)(1=3) INTO cigst1.
IF cignow=1 cigst1=4.
IF ANY(-9,smkevr,cignow,cigevr,cigreg) cigst1=-9.
IF ANY(-8,smkevr,cignow,cigevr,cigreg) cigst1=-8.
IF smkevr=-1 cigst1=-1.
IF age<16 cigst1=-1.
VARIABLE LABELS cigst1 "(D) Cigarette Smoking Status - Never/Ex-reg/Ex-occ/Current".
VALUE LABELS cigst1
  1 "Never smoked cigarettes at all"
  2 "Used to smoke cigarettes occasionally"
  3 "Used to smoke cigarettes regularly"
  4 "Current cigarette smoker".
```

CIGSTA3: (D) Cigarette Smoking Status: Current/Ex-Reg/Never-Reg

    1   Current cigarette smoker
    2   Ex-regular cigarette smoker
    3   Never regular cigarette smoker

```
SPSS Syntax

IF any(2,cigevr,smkevr) cigsta3=3.
RECODE cigreg (1=2)(2,3=3) INTO cigsta3.
IF cignow=1 cigsta3=1.
IF ANY(-9,smkevr,cignow,cigevr,cigreg) cigsta3=-9.
IF ANY(-8,smkevr,cignow,cigevr,cigreg) cigsta3=-8.
IF smkevr=-1 cigsta3=-1.
IF age<16 cigsta3=-1.
```

```
VARIABLE LABELS cigsta3 "(D) Cigarette Smoking Status: Current/Ex-Reg/Never-Reg".
VALUE LABELS cigsta3
 1 "Current cigarette smoker"
 2 "Ex-regular cigarette smoker"
 3 "Never regular cigarette smoker".
```

CIGST2: (D) Cigarette Smoking Status - Banded current smokers

1 Light smokers, under 10 a day
2 Moderate smokers, 10 to under 20 a day
3 Heavy smokers, 20 or more a day
4 Don't know number smoked a day
5 Non-smoker

SPSS Syntax

```
RECODE cigdyal (-9=4)(-8=4)(-1=-1)(20 thru hi=3)(10 thru 20=2)(0 thru 10=1) INTO cigst2.
RECODE cignow (-9=-9)(-8=-8)(2=5) INTO cigst2.
RECODE smkevr (-9=-9)(-8=-8)(-1=-1)(2=5) INTO cigst2.
IF age<16 cigst2=-1.
VARIABLE LABEL cigst2 "(D) Cigarette Smoking Status - Banded current smokers".
VALUE LABELS cigst2
  1 "Light smokers, under 10 a day"
  2 "Moderate smokers, 10 to under 20 a day"
  3 "Heavy smokers, 20 or more a day"
  4 "Don't know number smoked a day"
  5 "Non-smoker".
```

EXPSMOK3: (D) Any adult self-reported exposure to other people's smoke, 16+, binary (c+sc)

1 No
2 Yes

SPSS Syntax

```
COMPUTE Expsmok3 = -99.
RECODE Expsmok (0=1) (0 thru HI=2)(ELSE=COPY) INTO Expsmok3.
IF RANGE(age,0,15) Expsmok3=-1.
VARIABLE LABELS Expsmok3 "(D) Any adult self-reported exposure to other people's smoke, 16+, binary
(c+sc)".
VALUE LABELS Expsmok3
-9 "Refused"
-8 "Don't know"
-1 "Not applicable"
 1 "No"
 2 "Yes" .
```

Adult Current Smokers

CIGDYAL: (D) Number of cigarettes smoked a day - inc non-smokers

SPSS Syntax

```
IF cigwday>=0 & cigwend>=0 cigdyal=((5*cigwday)+(2*cigwend))/7.
IF ANY(-9,cigwday,cigwend) cigdyal=-9.
IF ANY(-8,cigwday,cigwend) cigdyal=-8.
IF age<16 cigdyal=-1.
RECODE cignow(-9,-8,-1=COPY)(2=0) INTO cigdyal.
RECODE smkevr(-9,-8,-1=COPY)(2=0) INTO cigdyal.
RECODE cigevr(-9,-8=COPY)(2=0) INTO cigdyal.
formats cigdyal (F2.1).
VARIABLE LABELS cigdyal "(D) Number of cigarettes smoke a day - inc. non-smokers".
```

Nicotine replacement

NDPNOW: (D) Current use of E-cigarettes and/or NDPs, 16+yrs (c+sc)

1 E-cigarettes only
2 Other nicotine delivery products only

0   Both
        1   None

NDPEVRC: (D) Ever or Current use of E-cigarettes and/or NDPs, 16+yrs (c+sc)

        1   E-cigarettes only
        2   Other nicotine delivery products only
        3   Both
        4   None

Children General

EXPSMOK2: (D) Children's self reported exposure to other people's smoke, 0-15, 4 groups

        0   Not exposed
        1   1-14 hours a week
        2   15-28 hours a week
        3   More than 28 hours

```
1 "1-14 hours a week"
2 "15-28 hours a week"
3 "More than 28 hours".
```

ADULTSMOKE: (D) Children live with at least one adult smoker, smokes at home on most days,binary (for children aged 4-15)

    0   None
    1   1+ adults

SPSS Syntax

```
COMPUTE adultsmoke=-99.
RECODE numsm (1 THRU HI=1) INTO adultsmoke.
IF Passm=2 Adultsmoke=0.
IF range(age,0,3) | range(age,16,120) adultsmoke=-1.
VARIABLE LABELS adultsmoke "(D) Children live with at least one adult smoker, smokes at home on most days,
binary (for children aged 4-15)".
VALUE LABELS adultsmoke
-1 "Not applicable"
 0 "None"
 1 "1+ adults".
```

SMOKE415: (D) Self-reported child smokers aged 4-15yrs, (4-7yrs assumed non-smoker)

    0   None smoker
    1   Current smoker

SPSS Syntax

```
COMPUTE Smoke415=-99.
IF RANGE(Age, 0,3) | RANGE(Age,16,150) Smoke415=-1.
IF RANGE(Age, 4,7) Smoke415=0.
IF Smoke415=-99 & RANGE(Age,8,15) & ANY(KcigReg,1,2,3,4) Smoke415=0.
IF Smoke415=-99  & RANGE(Age,8,15) & ANY(KcigReg,5,6) Smoke415=1.
IF Smoke415=-99 & RANGE(Age,8,15) & ANY(KcigReg,-1,-8,-9)  Smoke415=KcigReg.
VARIABLE LABELS smoke415 "(D) Self-reported child smokers aged 4-15 yrs, (4-7yrs assumed non-smoker)".
VALUE LABELS Smoke415
-9 "Refused"
-1 "Not applicable"
 0 "Non-smoker"
 1 "Current smoker".
```

Children 8-15

KCIGREGG: (D) Frequency of cigarette smoking (8-15s) (grouped)

    1   Don't smoke cigarettes
    2   Smoke cigarettes, less than once a week
    3   Smoke cigarettes, once a week or more often

SPSS Syntax

```
recode kcigreg (lo thru -1=COPY)(1 thru 3=1)(4=2)(5,6=3) INTO kcigregg.
VARIABLE LABELS kcigregg "(D) Frequency of cigarette smoking (8-15s) (grouped)".
VALUE LABELS kcigregg
  1 "Don't smoke cigarettes"
  2 "Smoke cigarettes, less than once a week"
  3 "Smoke cigarettes, once a week or more often".
```

Children 13-15

CURRENTNDPS: (D) Current use of nicotine delivery product(s) (NDP) (SC 13-15)

    0   No current use

1   Current use

Current Nicotine Status

NCIGSTAT : (D) Cigarette Smoking at nurse interview, 16+yrs

1   Current smoker
2   Ex-smoker
3   Never smoker

NICUSE7D: (D) Used nicotine products in last 7 days, 16+yrs (nurse)

1   Uses nicotine products
2   Doesn't use nicotine products

Cotinine

COTVAL2 : (D) Valid Cotinine (16+yrs, excl users of nicotine delivery products (NDP))

COT12VAL2: (D) Binary of valid cotinine levels at 12+ ng/ml (16+yrs, excl users of NDP)

    1   Below 12ng/ml
    2   At least 12+ ng/ml

```
SPSS Syntax

RECODE CotVal2 (12 thru HI=2) (0 THRU 12=1)(ELSE=COPY) INTo Cot12Val2.
VARIABLE LABELS Cot12val2 "(D) Binary of valid cotinine levels at 12+ ng/ml (16+yrs, excl users of NDP)".
VALUE LABELS Cot12Val2
 -5 "Not applicable - used NDP in past 7 days"
 -1 "Not applicable"
  1 "Below 12 ng/ml"
  2 "At least 12+ ng/ml" .
```

COT12VAL3: (D) Binary of valid cotinine levels at 12+ ng/ml (16+ incl users of NDP)

    1   Below 12+ ng/ml
    2   At least 12+ ng/ml

```
SPSS Syntax

RECODE Cotinine (12 thru HI=2) (0 THRU 12=1)(ELSE=COPY) INTO Cot12Val3.
IF NurOutc<>81 | range(age, 0,15) | saloutc<>1 Cot12Val3=-1.
VARIABLE LABELS Cot12val3 "(D) Binary of valid cotinine levels at 12+ ng/ml (16+, incl users of NDP)".
VALUE LABELS Cot12Val3
 -1 "Not applicable"
  1 "Below 12 ng/ml"
  2 "At least 12+ ng/ml" .
```

COT12VALKIDS : (D) Cotinine below/ above 12ng/ml (children 4-15) excl current use of NDPs

    1   Below 12ng/ml
    2   At least 12+ ng/ml

```
SPSS Syntax

COMPUTE Cot12valkids=-99.
RECODE Cotinine (lo thru -1=COPY)(12 thru hi=2)(0 thru 12=1) INTO Cot12valkids.
if RANGE(age,0,3) | RANGE(age,16,120) Cot12valkids=-1.
if ANRNOW_9=0 Cot12valkids=-2.
VARIABLE LABELS Cot12valkids "(D) Cotinine below/above 12 ng/ml (children 4-15) excl current use of NDPs".
VALUE LABELS Cot12valkids
-2 "Not applicable -Current NDP user"
-1 "Not applicable"
 1 "Below 12 ng/ml"
 2 "At least 12+ ng/ml" .
```

UNDETECTCOT: (D) Binary of undetectable cotinine, <0.1ng/ml (16+yrs, excl users NDP)

    1   Below 0.1 ng/ml, Undetectable
    2   At least 0.1+ ng/ml, Detectable

```
SPSS Syntax

RECODE Cotval2  (0.1 thru hi=2)(0 thru 0.1=1)(ELSE=COPY) INTO UnDetectCot.
VARIABLE LABELS UnDetectCot '(D) Binary of undetectable cotinine, <0.1ng/ml (16+yrs, excl users NDP)'.
VALUE LABELS  UnDetectCot
 -5 "NA - used NDP in past 7 days"
 -1 "Not applicable"
  1 "Below 0.1 ng/ml, Undetectable"
  2 "At least 0.1+ ng/ml, Detectable" .
```

DETECTCOT12CH: (D) Detectable cotinine for children, excl Current NDPs and smokers

    1   0 ng/ml
    2   0.001 & below 12ng/ml

```
SPSS Syntax

COMPUTE DetectCot12ch=-99.
RECODE cotinine (0.001 thru 11.99=1) (11.99 thru hi = -3)(ELSE=COPY) INTO DetectCot12ch.
IF ANRNOW_9=0 DetectCot12ch=-2.
IF RANGE(Age, 0,3) | RANGE(Age,16,120) DetectCot12ch=-1.
IF RANGE(Age, 8,15) & ANY(Kcigreg,-1,-8,-9) DetectCot12ch=KcigReg.
IF RANGE(Age, 8,15) & ANY(kcigreg,5,6) DetectCot12ch=-3.
VARIABLE LABELS Detectcot12ch "(D) Detectable cotinine for children, excl Current NDPs and smokers".
```

```
VALUE LABELS DetectCot12ch
-9  "Refused"
-3 "Not applicable -12ng/ml or more/self-reported current smokers"
-2 "Not applicable -Current NDP user"
-1 "Not applicable"
 0 "0 ng/ml"
 1 "0.001 & below 12ng/ml".
```

SHSOUTC: (D) Detectable cotinine for children (3 groups), excl Current NDPs and smokers

    0   0 ng/ml
    1   0.001 to less than 1 ng/ml
    2   1 to less than 12 ng/ml

SPSS Syntax

```
COMPUTE SHSOutC=-99.
RECODE cotinine (0.001 thru 0.99=1) (0.99 thru 11.99=2) (11.99 thru hi = -3)(ELSE=COPY) INTO SHSOutC.
IF ANRNOW_9=0 SHSOutC=-2.
IF RANGE(Age, 0,3) | RANGE(Age,16,120) SHSOutC=-1.
IF RANGE(Age, 8,15) & ANY(Kcigreg,-1,-8,-9) SHSOutC=KcigReg.
IF RANGE(Age, 8,15) & ANY(kcigreg,5,6) SHSOutC=-3.
VARIABLE LABELS SHSOutC "(D) Detectable cotinine for children (3 groups), excl Current NDPs and smokers".
VALUE LABELS SHSOutC
-9  "Refused"
-3 "Not applicable -12ng/ml or more/self-reported current smokers"
-2 "Not applicable -Current NDP user"
-1 "Not applicable"
 0 "0 ng/ml"
 1 "0.001 to less than 1 ng/ml"
 2 "1 to less than 12 ng/ml".
```

Social care

Help with tasks

RECHLPI: (D) Did you receive help : Stairs (TASK I)
1   Received help but didn't need it
2   Received help and needed it
3   Did not receive help but needed it
4   Did not receive help but didn't need it
5   No help required for any task, ie independent

```
SPSS Syntax

COMPUTE rechlpi=-99.
EXECUTE.
*Not applicable aged<65yrs*.
IF rechlpi=-99 & range(age,0,64) rechlpi=-1.
*No help required for any task, ie independent*.
IF rechlpi=-99 & anyhlp=2 rechlpi=5.
*Received help but didn't need it*.
IF rechlpi=-99 & (taskhelpi=1 & tasksi=1)  rechlpi=1.
*Received help and needed it*.
IF rechlpi=-99 & (taskhelpi=1 & any(tasksi,2,3,4))  rechlpi=2.
*Did not receive help but needed it*.
IF rechlpi=-99 & (taskhelpi=2  & any(tasksi,2,3,4))  rechlpi=3.
*Did not receive help but didn't need it*.
IF rechlpi=-99 & (taskhelpi=2  & tasksi=1) rechlpi=4.
*Missing info on receipt of help or help needed*.
IF rechlpi=-99 & any(taskhelpi,-8,-9) | any(tasksi,-8,-9)  rechlpi=-8.
```

RECHLPH: (D) Did you receive help : Indoors (TASK H)
1   Received help but didn't need it
2   Received help and needed it
3   Did not receive help but needed it
4   Did not receive help but didn't need it
5   No help required for any task, ie independent

```
SPSS Syntax

COMPUTE rechlph=-99.
EXECUTE.
*Not applicable aged<65yrs*.
IF rechlph=-99 & range(age,0,64) rechlph=-1.
*No help required for any task, ie independent*.
IF rechlph=-99 & anyhlp=2 rechlph=5.
*Received help but didn't need it*.
IF rechlph=-99 & (taskhelph=1 & tasksh=1)  rechlph=1.
*Received help and needed it*.
IF rechlph=-99 & (taskhelph=1 & any(tasksh,2,3,4))  rechlph=2.
*Did not receive help but needed it*.
IF rechlph=-99 & (taskhelph=2  & any(tasksh,2,3,4))  rechlph=3.
*Did not receive help but didn't need it*.
IF rechlph=-99 & (taskhelph=2  & tasksh=1) rechlph=4.
*Missing info on receipt of help or help needed*.
IF rechlph=-99 & any(taskhelph,-8,-9) | any(tasksh,-8,-9)  rechlph=-8.
```

RECHLPA: (D) Did you receive help: Bed (TASK A)
1   Received help but didn't need it
2   Received help and needed it
3   Did not receive help but needed it
4   Did not receive help but didn't need it
5   No help required for any task, ie independent

```
SPSS Syntax

COMPUTE rechlpa=-99.
EXECUTE.
*Not applicable aged<65yrs*.
IF rechlpa=-99 & range(age,0,64) rechlpa=-1.
*No help required for any task, ie independent*.
IF rechlpa=-99 & anyhlp=2 rechlpa=5.
*Received help but didn't need it*.
IF rechlpa=-99 & (taskhelpa=1 & tasksa=1)  rechlpa=1.
```

```
*Received help and needed it*.
IF rechlpa=-99 & (taskhelpa=1 & any(tasksa,2,3,4))  rechlpa=2.
*Did not receive help but needed it*.
IF rechlpa=-99 & (taskhelpa=2  & any(tasksa,2,3,4))  rechlpa=3.
*Did not receive help but didn't need it*.
IF rechlpa=-99 & (taskhelpa=2  & tasksa=1) rechlpa=4.
*Missing info on receipt of help or help needed*.
IF rechlpa=-99 & any(taskhelpa,-8,-9) | any(tasksa,-8,-9)  rechlpa=-8.
```

RECHLPC: (D) Did you receive help: Shower (TASK C)

  1   Received help but didn't need it
  2   Received help and needed it
  3   Did not receive help but needed it
  4   Did not receive help but didn't need it
  5   No help required for any task, ie independent

SPSS Syntax

```
COMPUTE rechlpc=-99.
EXECUTE.
*Not applicable aged<65yrs*.
IF rechlpc=-99 & range(age,0,64) rechlpc=-1.
*No help required for any task, ie independent*.
IF rechlpc=-99 & anyhlp=2 rechlpc=5.
*Received help but didn't need it*.
IF rechlpc=-99 & (taskhelpc=1 & tasksc=1)  rechlpc=1.
*Received help and needed it*.
IF rechlpc=-99 & (taskhelpc=1 & any(tasksc,2,3,4))  rechlpc=2.
*Did not receive help but needed it*.
IF rechlpc=-99 & (taskhelpc=2  & any(tasksc,2,3,4))  rechlpc=3.
*Did not receive help but didn't need it*.
IF rechlpc=-99 & (taskhelpc=2  & tasksc=1) rechlpc=4.
*Missing info on receipt of help or help needed*.
IF rechlpc=-99 & any(taskhelpc,-8,-9) | any(tasksc,-8,-9)  rechlpc=-8.
```

RECHLPD: (D) Did you receive help: Dress (TASK D)

  1   Received help but didn't need it
  2   Received help and needed it
  3   Did not receive help but needed it
  4   Did not receive help but didn't need it
  5   No help required for any task, ie independent

SPSS Syntax

```
COMPUTE rechlpd=-99.
EXECUTE.
*Not applicable aged<65yrs*.
IF rechlpd=-99 & range(age,0,64) rechlpd=-1.
*No help required for any task, ie independent*.
IF rechlpd=-99 & anyhlp=2 rechlpd=5.
*Received help but didn't need it*.
IF rechlpd=-99 & (taskhelpd=1 & tasksd=1)  rechlpd=1.
*Received help and needed it*.
IF rechlpd=-99 & (taskhelpd=1 & any(tasksd,2,3,4))  rechlpd=2.
*Did not receive help but needed it*.
IF rechlpd=-99 & (taskhelpd=2  & any(tasksd,2,3,4))  rechlpd=3.
*Did not receive help but didn't need it*.
IF rechlpd=-99 & (taskhelpd=2  & tasksd=1) rechlpd=4.
*Missing info on receipt of help or help needed*.
IF rechlpd=-99 & any(taskhelpd,-8,-9) | any(tasksd,-8,-9)  rechlpd=-8.
```

RECHLPB: (D) Did you receive help: Wash (TASK B)

  1   Received help but didn't need it
  2   Received help and needed it
  3   Did not receive help but needed it
  4   Did not receive help but didn't need it
  5   No help required for any task, ie independent

SPSS Syntax

```
COMPUTE rechlpb=-99.
EXECUTE.
*Not applicable aged<65yrs*.
IF rechlpb=-99 & range(age,0,64) rechlpb=-1.
*No help required for any task, ie independent*.
IF rechlpb=-99 & anyhlp=2 rechlpb=5.
*Received help but didn't need it*.
IF rechlpb=-99 & (taskhelpb=1 & tasksb=1)  rechlpb=1.
```

```
*Received help and needed it*.
IF rechlpb=-99 & (taskhelpb=1 & any(tasksb,2,3,4))  rechlpb=2.
*Did not receive help but needed it*.
IF rechlpb=-99 & (taskhelpb=2  & any(tasksb,2,3,4))  rechlpb=3.
*Did not receive help but didn't need it*.
IF rechlpb=-99 & (taskhelpb=2  & tasksb=1) rechlpb=4.
*Missing info on receipt of help or help needed*.
IF rechlpb=-99 & any(taskhelpb,-8,-9) | any(tasksb,-8,-9)  rechlpb=-8.
```

RECHLPE: (D) Did you receive help: Toilet (TASK E)

        1   Received help but didn't need it
        2   Received help and needed it
        3   Did not receive help but needed it
        4   Did not receive help but didn't need it
        5   No help required for any task, ie independent

SPSS Syntax

```
COMPUTE rechlpe=-99.
EXECUTE.
*Not applicable aged<65yrs*.
IF rechlpe=-99 & range(age,0,64) rechlpe=-1.
*No help required for any task, ie independent*.
IF rechlpe=-99 & anyhlp=2 rechlpe=5.
*Received help but didn't need it*.
IF rechlpe=-99 & (taskhelpe=1 & taskse=1)  rechlpe=1.
*Received help and needed it*.
IF rechlpe=-99 & (taskhelpe=1 & any(taskse,2,3,4))  rechlpe=2.
*Did not receive help but needed it*.
IF rechlpe=-99 & (taskhelpe=2  & any(taskse,2,3,4))  rechlpe=3.
*Did not receive help but didn't need it*.
IF rechlpe=-99 & (taskhelpe=2  & taskse=1) rechlpe=4.
*Missing info on receipt of help or help needed*.
IF rechlpe=-99 & any(taskhelpe,-8,-9) | any(taskse,-8,-9)  rechlpe=-8.
```

RECHLPG: (D) Did you receive help: Medicine (TASK G)

        1   Received help but didn't need it
        2   Received help and needed it
        3   Did not receive help but needed it
        4   Did not receive help but didn't need it
        5   No help required for any task, ie independent

SPSS Syntax

```
COMPUTE rechlpg=-99.
EXECUTE.
*Not applicable aged<65yrs*.
IF rechlpg=-99 & range(age,0,64) rechlpg=-1.
*No help required for any task, ie independent*.
IF rechlpg=-99 & anyhlp=2 rechlpg=5.
*Received help but didn't need it*.
IF rechlpg=-99 & (taskhelpg=1 & tasksg=1)  rechlpg=1.
*Received help and needed it*.
IF rechlpg=-99 & (taskhelpg=1 & any(tasksg,2,3,4))  rechlpg=2.
*Did not receive help but needed it*.
IF rechlpg=-99 & (taskhelpg=2  & any(tasksg,2,3,4))  rechlpg=3.
*Did not receive help but didn't need it*.
IF rechlpg=-99 & (taskhelpg=2  & tasksg=1) rechlpg=4.
*Missing info on receipt of help or help needed*.
IF rechlpg=-99 & any(taskhelpg,-8,-9) | any(tasksg,-8,-9)  rechlpg=-8.
```

RECHLPF: (D) Did you receive help: Eat (TASK F)

        1   Received help but didn't need it
        2   Received help and needed it
        3   Did not receive help but needed it
        4   Did not receive help but didn't need it
        5   No help required for any task, ie independent

SPSS Syntax

```
COMPUTE rechlpf=-99.
EXECUTE.
*Not applicable aged<65yrs*.
IF rechlpf=-99 & range(age,0,64) rechlpf=-1.
*No help required for any task, ie independent*.
IF rechlpf=-99 & anyhlp=2 rechlpf=5.
*Received help but didn't need it*.
IF rechlpf=-99 & (taskhelpf=1 & tasksf=1)  rechlpf=1.
*Received help and needed it*.
IF rechlpf=-99 & (taskhelpf=1 & any(tasksf,2,3,4))  rechlpf=2.
*Did not receive help but needed it*.
```

```
IF rechlpf=-99 & (taskhelpf=2  & any(tasksf,2,3,4))  rechlpf=3.
*Did not receive help but didn't need it*.
IF rechlpf=-99 & (taskhelpf=2  & tasksf=1) rechlpf=4.
*Missing info on receipt of help or help needed*.
IF rechlpf=-99 & any(taskhelpf,-8,-9) | any(tasksf,-8,-9)  rechlpf=-8.
```

RECHLPJ: (D) Did you receive help: House (TASK J)

   1   Received help but didn't need it
   2   Received help and needed it
   3   Did not receive help but needed it
   4   Did not receive help but didn't need it
   5   No help required for any task, ie independent

```
SPSS Syntax

COMPUTE rechlpj=-99.
EXECUTE.
*Not applicable aged<65yrs*.
IF rechlpj=-99 & range(age,0,64) rechlpj=-1.
*No help required for any task, ie independent*.
IF rechlpj=-99 & anyhlp=2 rechlpj=5.
*Received help but didn't need it*.
IF rechlpj=-99 & (taskhelpj=1 & tasksj=1)  rechlpj=1.
*Received help and needed it*.
IF rechlpj=-99 & (taskhelpj=1 & any(tasksj,2,3,4))  rechlpj=2.
*Did not receive help but needed it*.
IF rechlpj=-99 & (taskhelpj=2  & any(tasksj,2,3,4))  rechlpj=3.
*Did not receive help but didn't need it*.
IF rechlpj=-99 & (taskhelpj=2  & tasksj=1) rechlpj=4.
*Missing info on receipt of help or help needed*.
IF rechlpj=-99 & any(taskhelpj,-8,-9) | any(tasksj,-8,-9)  rechlpj=-8.
```

RECHLPK: (D) Did you receive help: Shop (TASK K)

   1   Received help but didn't need it
   2   Received help and needed it
   3   Did not receive help but needed it
   4   Did not receive help but didn't need it
   5   No help required for any task, ie independent

```
SPSS Syntax

COMPUTE rechlpk=-99.
EXECUTE.
*Not applicable aged<65yrs*.
IF rechlpk=-99 & range(age,0,64) rechlpk=-1.
*No help required for any task, ie independent*.
IF rechlpk=-99 & anyhlp=2 rechlpk=5.
*Received help but didn't need it*.
IF rechlpk=-99 & (taskhelpk=1 & tasksk=1)  rechlpk=1.
*Received help and needed it*.
IF rechlpk=-99 & (taskhelpk=1 & any(tasksk,2,3,4))  rechlpk=2.
*Did not receive help but needed it*.
IF rechlpk=-99 & (taskhelpk=2  & any(tasksk,2,3,4))  rechlpk=3.
*Did not receive help but didn't need it*.
IF rechlpk=-99 & (taskhelpk=2  & tasksk=1) rechlpk=4.
*Missing info on receipt of help or help needed*.
IF rechlpk=-99 & any(taskhelpk,-8,-9) | any(tasksk,-8,-9)  rechlpk=-8.
```

RECHLPL: (D) Did you receive help: Housework (TASK L)

   1   Received help but didn't need it
   2   Received help and needed it
   3   Did not receive help but needed it
   4   Did not receive help but didn't need it
   5   No help required for any task, ie independent

```
SPSS Syntax

COMPUTE rechlpl=-99.
EXECUTE.
*Not applicable aged<65yrs*.
IF rechlpl=-99 & range(age,0,64) rechlpl=-1.
*No help required for any task, ie independent*.
IF rechlpl=-99 & anyhlp=2 rechlpl=5.
*Received help but didn't need it*.
IF rechlpl=-99 & (taskhelpl=1 & tasksl=1)  rechlpl=1.
*Received help and needed it*.
IF rechlpl=-99 & (taskhelpl=1 & any(tasksl,2,3,4))  rechlpl=2.
*Did not receive help but needed it*.
IF rechlpl=-99 & (taskhelpl=2  & any(tasksl,2,3,4))  rechlpl=3.
```

```
*Did not receive help but didn't need it*.
IF rechlpl=-99 & (taskhelpl=2  & tasksl=1) rechlpl=4.
*Missing info on receipt of help or help needed*.
IF rechlpl=-99 & any(taskhelpl,-8,-9) | any(tasksl,-8,-9)  rechlpl=-8.
```

RECHLPM: (D) Did you receive help: Paperwork (TASK M)

    1   Received help but didn't need it
    2   Received help and needed it
    3   Did not receive help but needed it
    4   Did not receive help but didn't need it
    5   No help required for any task, ie independent

SPSS Syntax

```
COMPUTE rechlpm=-99.
EXECUTE.
*Not applicable aged<65yrs*.
IF rechlpm=-99 & range(age,0,64) rechlpm=-1.
*No help required for any task, ie independent*.
IF rechlpm=-99 & anyhlp=2 rechlpm=5.
*Received help but didn't need it*.
IF rechlpm=-99 & (taskhelpm=1 & tasksm=1)  rechlpm=1.
*Received help and needed it*.
IF rechlpm=-99 & (taskhelpm=1 & any(tasksm,2,3,4))  rechlpm=2.
*Did not receive help but needed it*.
IF rechlpm=-99 & (taskhelpm=2  & any(tasksm,2,3,4))  rechlpm=3.
*Did not receive help but didn't need it*.
IF rechlpm=-99 & (taskhelpm=2  & tasksm=1) rechlpm=4.
*Missing info on receipt of help or help needed*.
IF rechlpm=-99 & any(taskhelpm,-8,-9) | any(tasksm,-8,-9)  rechlpm=-8.
```

RECHELIBI: (D) Received help: Stairs (binary) (TASK I)

    1   Help
    2   No help

SPSS Syntax

```
NUMERIC rechelibi (F2.0).
COMPUTE rechelibi=rechlpi.
IF rechlpi=1 or rechlpi=2 rechelibi=1.
IF any(rechlpi, 3,4,5) rechelibi=2.
```

RECHELHBI: (D) Received help: Indoors (binary) (TASK H)

    1   Help
    2   No help

SPSS Syntax

```
COMPUTE rechelhbi=rechlph.
IF rechlph=1 or rechlph=2 rechelhbi=1.
IF any(rechlph, 3,4,5) rechelhbi=2.
```

RECHELABI: (D) Received help: Bed (binary) (TASK A)

    1   Help
    2   No help

SPSS Syntax

```
COMPUTE rechelabi=rechlpa.
IF rechlpa=1 or rechlpa=2 rechelabi=1.
IF any(rechlpa, 3,4,5) rechelabi=2.
```

RECHELCBI: (D) Received help: Shower (binary) (TASK C)

    1   Help
    2   No help

SPSS Syntax

```
COMPUTE rechelcbi=rechlpc.
IF rechlpc=1 or rechlpc=2 rechelcbi=1.
IF any(rechlpc, 3,4,5) rechelcbi=2.
```

RECHELDBI: (D) Received help: Dress (binary) (TASK D)
1   Help
2   No help

```
SPSS Syntax

COMPUTE recheldbi=rechlpd.
IF rechlpd=1 or rechlpd=2 recheldbi=1.
IF any(rechlpd, 3,4,5) recheldbi=2.
VALUE LABELS recheldbi 2 'No help' 1 'Help'.
```

RECHELBBI: (D) Received help: Wash (binary) (TASK B)
1   Help
2   No help

```
SPSS Syntax

COMPUTE rechelbbi=rechlpb.
IF rechlpb=1 or rechlpb=2 rechelbbi=1.
IF any(rechlpb, 3,4,5) rechelbbi=2.
```

RECHELEBI: (D) Received help: Toilet (binary) (TASK E)
1   Help
2   No help

```
SPSS Syntax

COMPUTE rechelebi=rechlpe.
IF rechlpe=1 or rechlpe=2 rechelebi=1.
IF any(rechlpe, 3,4,5) rechelebi=2.
```

RECHELGBI: (D) Received help: Medicine (binary) (TASK G)
1   Help
2   No help

```
SPSS Syntax

COMPUTE rechelgbi=rechlpg.
IF rechlpg=1 or rechlpg=2 rechelgbi=1.
IF any(rechlpg, 3,4,5) rechelgbi=2.
```

RECHELFBI: (D) Received help: Eat (binary) (TASK F)
1   Help
2   No help

```
SPSS Syntax

COMPUTE rechelfbi=rechlpf.
IF rechlpf=1 or rechlpf=2 rechelfbi=1.
IF any(rechlpf, 3,4,5) rechelfbi=2.
```

RECHELJBI: (D) Received help: House (binary) (TASK J)
1   Help
2   No help

```
SPSS Syntax

COMPUTE recheljbi=rechlpj.
IF rechlpj=1 or rechlpj=2 recheljbi=1.
IF any(rechlpj, 3,4,5) recheljbi=2.
```

RECHELKBI: (D) Received help: Shop (binary) (TASK K)
1   Help
2   No help

```
SPSS Syntax

COMPUTE rechelkbi=rechlpk.
IF rechlpk=1 or rechlpk=2 rechelkbi=1.
IF any(rechlpk, 3,4,5) rechelkbi=2.
```

RECHELLBI: (D) Received help: Housework (binary) (TASK L)
        1   Help
        2   No help

SPSS Syntax

```
COMPUTE rechellbi=rechlpl.
IF rechlpl=1 or rechlpl=2 rechellbi=1.
IF any(rechlpl, 3,4,5) rechellbi=2.
```

RECHELMBI: (D) Received help: Paperwork (binary) (TASK M)
        1   Help
        2   No help

SPSS Syntax

```
COMPUTE rechelmbi=rechlpm.
IF rechlpm=1 or rechlpm=2 rechelmbi=1.
IF any(rechlpm, 3,4,5) rechelmbi=2.
```

NDHLPI: (D) Need help: Stairs (binary) (TASK I)
        0   No
        1   Yes

SPSS Syntax

```
RECODE tasksi (1=0) (2 thru 4=1) (-9=-8) (else=copy) INTO ndhlpi.
VALUE LABELS ndhlpi 0 'No' 1 'Yes' -8 'Refused' .
```

NDHLPH: (D) Need help: Indoors (binary) (TASK H)
        0   No
        1   Yes

SPSS Syntax

```
RECODE tasksh (1=0) (2 thru 4=1) (-9=-8) (else=copy) INTO ndhlph.
VALUE LABELS ndhlph 0 'No' 1 'Yes' -8 'Refused'.
```

NDHLPA: (D) Need help: Bed (binary) (TASK A)
        0   No
        1   Yes

SPSS Syntax

```
RECODE tasksa  (1=0) (2 thru 4=1) (-9=-8) (else=copy)  INTO ndhlpa.
VALUE LABELS ndhlpa 0 'No' 1 'Yes' -8 'Refused'.
```

NDHLPC: (D) Need help: Shower (binary) (TASK C)
        0   No
        1   Yes

SPSS Syntax

```
RECODE tasksc (1=0) (2 thru 4=1) (-9=-8) (else=copy) INTO ndhlpc.
VALUE LABELS ndhlpc 0 'No' 1 'Yes' -8 'Refused'.
```

NDHLPD: (D) Need help: Dress (binary) (TASK D)
        0   No
        1   Yes

SPSS Syntax

```
RECODE tasksd (1=0) (2 thru 4=1) (-9=-8)(else=copy)  INTO ndhlpd.
VALUE LABELS ndhlpd 0 'No' 1 'Yes' -8 'Refused'.
```

NDHLPB: (D) Need help: Wash (binary) (TASK B)
        0   No
        1   Yes

```
RECODE tasksb (1=0) (2 thru 4=1) (-9=-8) (else=copy)  INTO ndhlpb.
VALUE LABELS ndhlpb 0 'No' 1 'Yes' -8 'Refused'.
```

NDHLPE: (D) Need help: Toilet (binary) (TASK E)
    0 No
    1 Yes

SPSS Syntax

```
RECODE taskse (1=0) (2 thru 4=1) (-9=-8) (else=copy)  INTO ndhlpe.
VALUE LABELS ndhlpe 0 'No' 1 'Yes' -8 'Refused'.
```

NDHLPG: (D) Need help: Medicine (binary) (TASK G)
    0 No
    1 Yes

SPSS Syntax

```
RECODE tasksg (1=0) (2 thru 4=1) (-9=-8)(else=copy)  INTO ndhlpg.
VALUE LABELS ndhlpg 0 'No' 1 'Yes' -8 'Refused'.
```

NDHLPF: (D) Need help: Eat (binary) (TASK F)
    0 No
    1 Yes

SPSS Syntax

```
RECODE tasksf (1=0) (2 thru 4=1) (-9=-8) (else=copy)  INTO ndhlpf.
VALUE LABELS ndhlpf 0 'No' 1 'Yes' -8 'Refused'.
```

NDHLPJ: (D) Need help: House (binary) (TASK J)
    0 No
    1 Yes

SPSS Syntax

```
RECODE tasksj (1=0) (2 thru 4=1) (-9=-8) (else=copy) INTO ndhlpj.
VALUE LABELS ndhlpj 0 'No' 1 'Yes' -8 'Refused'.
```

NDHLPK: (D) Need help: Shop (binary) (TASK K)
    0 No
    1 Yes

SPSS Syntax

```
RECODE tasksk (1=0) (2 thru 4=1) (-9=-8) (else=copy) INTO ndhlpk.
VALUE LABELS ndhlpk 0 'No' 1 'Yes' -8 'Refused'.
```

NDHLPL: (D) Need help: Housework (binary) (TASK L)
    0 No
    1 Yes

SPSS Syntax

```
RECODE tasksl (1=0) (2 thru 4=1) (-9=-8)(else=copy) INTO ndhlpl.
VALUE LABELS ndhlpl 0 'No' 1 'Yes' -8 'Refused'.
```

NDHLPM: (D) Need help: Paperwork (binary) (TASK M)
    0 No
    1 Yes

SPSS Syntax

```
RECODE tasksm (1=0) (2 thru 4=1) (-9=-8)(else=copy) INTO ndhlpm.
VALUE LABELS ndhlpm 0 'No' 1 'Yes' -8 'Refused'.
```

ANYADL: (D) Needed help with any personal activities (ADLs)

    0   No
    1   Yes

```
SPSS Syntax

COMPUTE AnyADL=-99.
IF (ndhlpa=1 or ndhlpb=1 or ndhlpc=1 or ndhlpd=1 or ndhlpe=1 or ndhlpf=1 or ndhlpg=1 or ndhlph=1 or
ndhlpi=1) AnyADL=1.
IF (ndhlpa=0 and ndhlpb=0 and ndhlpc=0 and ndhlpd=0 and ndhlpe=0 and ndhlpf=0 and ndhlpg=0 and ndhlph=0
and ndhlpi=0) AnyADL=0.
IF AnyADL=-99 and ndhlpa=-1 AnyADL=-1.
IF AnyADL=-99 AnyADL=-8.
VARIABLE LABELS AnyADL "(D) Needed help with any personal activities (ADLs)".
VALUE LABELS AnyADL  0 'No' 1 'Yes' -1 'Not applicable' -8 'Refused'.
```

ANYEXSH: (D) Needed help with any personal activities (ADLs excluding bath or shower)

    0   No
    1   Yes

```
SPSS Syntax

COMPUTE AnyExsh=-99.
IF (ndhlpa=1 or ndhlpb=1 or ndhlpd=1 or ndhlpe=1 or ndhlpf=1 or ndhlpg=1 or ndhlph=1 or ndhlpi=1)
AnyExsh=1.
IF (ndhlpa=0 and ndhlpb=0 and ndhlpd=0 and ndhlpe=0 and ndhlpf=0 and ndhlpg=0 and ndhlph=0 and ndhlpi=0)
AnyExsh=0.
IF AnyExsh=-99 and ndhlpa=-1 AnyExsh=-1.
IF AnyExsh=-99 AnyExsh=-8.
VARIABLE LABELS AnyExsh "(D) Needed help with any personal activities (ADLs excl bath or shower)".
VALUE LABELS AnyExsh  0 'No' 1 'Yes' -1 'Not applicable' -8 'Refused'.
```

ANYEXSH2: (D) Needed help with any personal activities (ADLs excl bath, shower, toilet, indoors and stairs)

    0   No
    1   Yes

```
SPSS Syntax

Compute AnyExsh2=-99.
If AnyExsh2=-99 and (ndhlpa=1 or ndhlpb=1 or ndhlpd=1 or ndhlpf=1 or ndhlpg=1) AnyExsh2=1.
If AnyExsh2=-99 and (ndhlpa=0 and ndhlpb=0 and ndhlpd=0 and ndhlpf=0 and ndhlpg=0) AnyExsh2=0.
if AnyExsh2=-99 and ndhlpa=-1 AnyExsh2=-1.
IF AnyExsh2=-99 AnyExsh2=-8.
VARIABLE LABELS AnyExsh2 "(D) Needed help with any personal activities (ADLs excl bath or shower, toilet,
indoors & stairs)".
VALUE LABELS AnyExsh2  0 'No' 1 'Yes' -1 'Not applicable' -8 'Refused'.
```

INDOORADL: (D) Needed help with any indoor activities (ADLs: Getting around indoors, getting up and down stairs)

    0   No
    1   Yes

```
SPSS Syntax

Compute IndoorADL=-99.
IF (ndhlph=1 | ndhlpi=1) IndoorADL=1.
IF ndhlph=0 and ndhlpi=0 IndoorADL=0.
IF IndoorADL=-99 and ndhlph=-1 IndoorADL=-1.
IF IndoorADL=-99 IndoorADL=-8.
VARIABLE LABELS IndoorADL "(D) Needed help with any indoor activities (ADLs: Getting around indoors,
getting up and down stairs)".
VALUE LABELS IndoorADL 0 'No' 1 'Yes' -1 'Not applicable' -8 'Refused'.
```

ANYIADL: (D) Need help with any instrumental activities (IADLs: getting out of house,food shopping, routine housework,doing paperwork/bills

    0   No
    1   Yes

```
SPSS Syntax

COMPUTE AnyIADL=-1.
IF (ndhlpj=1 or ndhlpk=1 or ndhlpl=1 or ndhlpm=1) AnyIADL=1.
IF (ndhlpj=0 and ndhlpk=0 and ndhlpl=0 and ndhlpm=0) AnyIADL=0.
if AnyIADL=-99 and ndhlpj=-1 AnyIADL=-1.
```

```
IF AnyIADL=-99 AnyIADL=-8.
VARIABLE LABELS AnyIADL "(D) Needed help with any instrumental activities (IADLs: getting out of
house,food shopping, routine housework,doing paperwork/bills)".
VALUE LABELS AnyIADL 0 'No' 1 'Yes' -1 'Not applicable' -8 'Refused'.
```

HELPADL: (D) Received help for any personal activities (ADLs)
      0   No
      1   Yes

SPSS Syntax
```
COMPUTE HelpADL=-99.
IF (taskhelpa=1 or taskhelpb=1 or taskhelpc=1 or taskhelpd=1 or taskhelpe=1 or taskhelpf=1 or taskhelpg=1
or taskhelph=1 or taskhelpi=1) HelpADL=1.
IF (taskhelpa=2 and taskhelpb=2 and taskhelpc=2 and taskhelpd=2 and taskhelpe=2 and taskhelpf=2 and
taskhelpg=2 and taskhelph=2 and taskhelpi=2) | anyhlp=2 HelpADL=0.
IF HelpADL=-99 & range(age, 0,64) HelpADL=-1.
IF HelpADL=-99  HelpADL=-8.
VARIABLE LABELS HelpADL "(D) Received help for any personal activities (ADLs)".
VALUE LABELS HelpADL 0 'No' 1 'Yes' -1 'Not applicable' -8 'Refused'.
```

HELPEXSH: (D) Received help for any personal activities (ADLs excluding bath or shower)

SPSS Syntax
```
COMPUTE HelpExsh=-99.
IF (taskhelpa=1 or taskhelpb=1 or taskhelpd=1 or taskhelpe=1 or taskhelpf=1 or taskhelpg=1 or taskhelph=1
or taskhelpi=1) HelpExsh=1.
IF (taskhelpa=2 and taskhelpb=2 and taskhelpd=2 and taskhelpe=2 and taskhelpf=2 and taskhelpg=2 and
taskhelph=2 and taskhelpi=2) | anyhlp=2 HelpExsh=0.
IF HelpExsh=-99 & range(age, 0,64) HelpExsh=-1.
IF HelpExsh=-99  HelpExsh=-8.
VARIABLE LABELS HelpExsh "(D) Received help for any personal activities (ADLs excl bath or shower)".
VALUE LABELS HelpExsh 0 'No' 1 'Yes'.
```

HELPEXSH2: (D) Received help for any personal activities (ADLs excl bath or shower, toilet, indoors or stairs)
      0   No
      1   Yes

SPSS Syntax
```
COMPUTE HelpExsh2=-99.
IF (taskhelpa=1 or taskhelpb=1 or taskhelpd=1 or taskhelpf=1 or taskhelpg=1) HelpExsh2=1.
IF (taskhelpa=2 and taskhelpb=2 and taskhelpd=2 and taskhelpf=2 and taskhelpg=2) | anyhlp=2 HelpExsh2=0.
IF HelpExsh2=-99 & range(age, 0,64) HelpExsh2=-1.
IF HelpExsh2=-99  HelpExsh2=-8.
VARIABLE LABELS HelpExsh2 "(D) Received help for any personal activities (ADLs excl bath or shower,
toilet, indoors & stairs)".
VALUE LABELS HelpExsh2 0 'No' 1 'Yes'.
```

HELPINDOOR: (D) Received help with any indoor activities (ADL: Getting around indoors, getting up and down stairs)
      0   No
      1   Yes

SPSS Syntax
```
COMPUTE HelpIndoor=-99.
IF  (taskhelph=1 | taskhelpi=1) HelpIndoor=1.
IF  ((taskhelph=2 and taskhelpi=2) | anyhlp=2) HelpIndoor=0.
IF HelpIndoor=-99 & range(age, 0,64) HelpIndoor= -1.
IF HelpIndoor=-99 HelpIndoor=-8.
VARIABLE LABELS HelpIndoor "(D) Received help with any indoor activities (ADLs: Getting around indoors,
getting up and down stairs)".
VALUE LABELS HelpIndoor 0 'No' 1 'Yes' -1 'Not applicable' -8 'Refused'.
```

HELPIADL: (D) Received help with any instrumental activities (IADLs: getting out of house, food shopping, routine housework, doing paperwork/ bills)
      0   No
      1   Yes

UNMETI: (D) Unmet need: Stairs (TASK I)
    1   Unmet
    2   Met
    3   No need

```
SPSS Syntax

COMPUTE Unmeti=-99.
IF ndhlpi=1 AND taskhelpi=2 Unmeti=1.
IF ndhlpi=1 AND taskhelpi=1 Unmeti=2.
IF ndhlpi=0 Unmeti=3.
IF ndhlpi=-1 Unmeti=-1.
IF any(-8, ndhlpi, TaskHelpi) Unmeti=-8.
VARIABLE LABELS Unmeti  "(D) Unmet need: Stairs (TASK I)".
VALUE LABELS Unmeti 1 'Unmet' 2 'Met' 3 'No need'  -1 'Not applicable' -8 'Refused'.
```

UNMETH: (D) Unmet need: Indoors (TASK H)
    1   Unmet
    2   Met
    3   No need

```
SPSS Syntax

COMPUTE Unmeth=-99.
IF ndhlph=1 AND taskhelph=2 Unmeth=1.
IF ndhlph=1 AND taskhelph=1 Unmeth=2.
IF ndhlph=0 Unmeth=3.
IF ndhlph=-1 Unmeth=-1.
IF any(-8, ndhlph, TaskHelph) Unmeth=-8.
VARIABLE LABELS Unmeth  "(D) Unmet need: Stairs (TASK I)".
VALUE LABELS Unmeth 1 'Unmet' 2 'Met' 3 'No need'  -1 'Not applicable' -8 'Refused'.
```

UNMETA: (D) Unmet need: Bed (TASK A)
    1   Unmet
    2   Met
    3   No need

```
SPSS Syntax

COMPUTE Unmeta=-99.
IF ndhlpa=1 AND taskhelpa=2 Unmeta=1.
IF ndhlpa=1 AND taskhelpa=1 Unmeta=2.
IF ndhlpa=0 Unmeta=3.
IF ndhlpa=-1 Unmeta=-1.
IF any(-8, ndhlpa, TaskHelpa) Unmeta=-8.
VARIABLE LABELS Unmeta  "(D) Unmet need: Bed (TASK A)".
VALUE LABELS Unmeta 1 'Unmet' 2 'Met' 3 'No need'  -1 'Not applicable' -8 'Refused'.
```

UNMETC: (D) Unmet need: Shower (TASK C)
    1   Unmet
    2   Met
    3   No need

```
SPSS Syntax

COMPUTE Unmetc=-99.
IF ndhlpc=1 AND taskhelpc=2 Unmetc=1.
IF ndhlpc=1 AND taskhelpc=1 Unmetc=2.
IF ndhlpc=0 Unmetc=3.
IF ndhlpc=-1 Unmetc=-1.
IF any(-8, ndhlpc, TaskHelpc) Unmetc=-8.
VARIABLE LABELS Unmetc  "(D) Unmet need: Shower (TASK C)".
VALUE LABELS Unmetc 1 'Unmet' 2 'Met' 3 'No need'  -1 'Not applicable' -8 'Refused'.
```

UNMETD: (D) Unmet need: Dress (TASK D)
    1   Unmet
    2   Met
    3   No need

```
SPSS Syntax

COMPUTE Unmetd=-99.
IF ndhlpd=1 AND taskhelpd=2 Unmetd=1.
IF ndhlpd=1 AND taskhelpd=1 Unmetd=2.
IF ndhlpd=0 Unmetd=3.
IF ndhlpd=-1 Unmetd=-1.
IF any(-8, ndhlpd, TaskHelpd) Unmetd=-8.
VARIABLE LABELS Unmetd  "(D) Unmet need: Dress (TASK D)".
VALUE LABELS Unmetd 1 'Unmet' 2 'Met' 3 'No need'  -1 'Not applicable' -8 'Refused'.
```

UNMETB: (D) Unmet need: Wash (TASK B)
    1   Unmet
    2   Met
    3   No need

```
SPSS Syntax

COMPUTE Unmetb=-99.
IF ndhlpb=1 AND taskhelpb=2 Unmetb=1.
IF ndhlpb=1 AND taskhelpb=1 Unmetb=2.
IF ndhlpb=0 Unmetb=3.
IF ndhlpb=-1 Unmetb=-1.
IF any(-8, ndhlpb, TaskHelpb) Unmetb=-8.
VARIABLE LABELS Unmetb  "(D) Unmet need: Wash (TASK B)".
VALUE LABELS Unmetb 1 'Unmet' 2 'Met' 3 'No need'  -1 'Not applicable' -8 'Refused'.
```

UNMETE: (D) Unmet need: Toilet (TASK E)
    1   Unmet
    2   Met
    3   No need

```
SPSS Syntax

COMPUTE Unmete=-99.
IF ndhlpe=1 AND taskhelpe=2 Unmete=1.
IF ndhlpe=1 AND taskhelpe=1 Unmete=2.
IF ndhlpe=0 Unmete=3.
IF ndhlpe=-1 Unmete=-1.
IF any(-8, ndhlpe, TaskHelpe) Unmete=-8.
VARIABLE LABELS Unmete  "(D) Unmet need: Toilet (TASK E)".
VALUE LABELS Unmete 1 'Unmet' 2 'Met' 3 'No need'  -1 'Not applicable' -8 'Refused'.
```

UNMETG: (D) Unmet need: Medicine (TASK G)
    1   Unmet
    2   Met
    3   No need

```
SPSS Syntax

COMPUTE Unmetg=-99.
IF ndhlpg=1 AND taskhelpg=2 Unmetg=1.
IF ndhlpg=1 AND taskhelpg=1 Unmetg=2.
IF ndhlpg=0 Unmetg=3.
IF ndhlpg=-1 Unmetg=-1.
IF any(-8, ndhlpg, TaskHelpg) Unmetg=-8.
VARIABLE LABELS Unmetg  "(D) Unmet need: Medicine (TASK G)".
VALUE LABELS Unmetg 1 'Unmet' 2 'Met' 3 'No need'  -1 'Not applicable' -8 'Refused'.
```

UNMETF: (D) Unmet need: Eat (TASK F)
    1   Unmet
    2   Met
    3   No need

```
SPSS Syntax

COMPUTE Unmetf=-99.
IF ndhlpf=1 AND taskhelpf=2 Unmetf=1.
IF ndhlpf=1 AND taskhelpf=1 Unmetf=2.
IF ndhlpf=0 Unmetf=3.
IF ndhlpf=-1 Unmetf=-1.
```

```
IF any(-8, ndhlpf, TaskHelpf) Unmetf=-8.
VARIABLE LABELS Unmetf  "(D) Unmet need: Eat (TASK F)".
VALUE LABELS Unmetf 1 'Unmet' 2 'Met' 3 'No need'  -1 'Not applicable' -8 'Refused'
```

UNMETJ: (D) Unmet need: House (TASK J)
    1   Unmet
    2   Met
    3   No need

```
COMPUTE Unmetj=-99.
IF ndhlpj=1 AND taskhelpj=2 Unmetj=1.
IF ndhlpj=1 AND taskhelpj=1 Unmetj=2.
IF ndhlpj=0 Unmetj=3.
IF ndhlpj=-1 Unmetj=-1.
IF any(-8, ndhlpj, TaskHelpj) Unmetj=-8.
VARIABLE LABELS Unmetj  "(D) Unmet need: House (TASK J)".
VALUE LABELS Unmetj 1 'Unmet' 2 'Met' 3 'No need'  -1 'Not applicable' -8 'Refused'.
```

UNMETK: (D) Unmet need: Shop (TASK K)
    1   Unmet
    2   Met
    3   No need

```
COMPUTE Unmetk=-99.
IF ndhlpk=1 AND taskhelpk=2 Unmetk=1.
IF ndhlpk=1 AND taskhelpk=1 Unmetk=2.
IF ndhlpk=0 Unmetk=3.
IF ndhlpk=-1 Unmetk=-1.
IF any(-8, ndhlpk, TaskHelpk) Unmetk=-8.
VARIABLE LABELS Unmetk  "(D) Unmet need: Shop (TASK K)".
VALUE LABELS Unmetk 1 'Unmet' 2 'Met' 3 'No need'  -1 'Not applicable' -8 'Refused'.
```

UNMETL: (D) Unmet need: Housework (TASK L)
    1   Unmet
    2   Met
    3   No need

```
COMPUTE Unmetl=-99.
IF ndhlpl=1 AND taskhelpl=2 Unmetl=1.
IF ndhlpl=1 AND taskhelpl=1 Unmetl=2.
IF ndhlpl=0 Unmetl=3.
IF ndhlpl=-1 Unmetl=-1.
IF any(-8, ndhlpl, TaskHelpl) Unmetl=-8.
VARIABLE LABELS Unmetl  "(D) Unmet need: Housework (TASK L)".
VALUE LABELS Unmetl 1 'Unmet' 2 'Met' 3 'No need'  -1 'Not applicable' -8 'Refused'.
```

UNMETM: (D) Unmet need: Paperwork (TASK M)
    1   Unmet
    2   Met
    3   No need

```
COMPUTE Unmetm=-99.
IF ndhlpm=1 AND taskhelpm=2 Unmetm=1.
IF ndhlpm=1 AND taskhelpm=1 Unmetm=2.
IF ndhlpm=0 Unmetm=3.
IF ndhlpm=-1 Unmetm=-1.
IF any(-8, ndhlpm, TaskHelpm) Unmetm=-8.
VARIABLE LABELS Unmetm  "(D) Unmet need: Paperwork/Bills (TASK M)".
VALUE LABELS Unmetm 1 'Unmet' 2 'Met' 3 'No need'  -1 'Not applicable' -8 'Refused'.
```

UNADL: (D) Unmet need: Any personal activities
    0   No
    1   Yes

```
COMPUTE UnADL=-99.
IF ANY(1,Unmeta, Unmetb, Unmetc, Unmetd, Unmete, Unmetf, Unmetg, Unmeth, Unmeti) UnADL=1.
```

```
IF UnADL=-99 & ANY(2,Unmeta, Unmetb, Unmetc, Unmetd, Unmete, Unmetf, Unmetg, Unmeth, Unmeti)  UnADL=0.
IF UnADL=-99 & ANY(3,Unmeta, Unmetb, Unmetc, Unmetd, Unmete, Unmetf, Unmetg, Unmeth, Unmeti)  UnADL=0.
IF (Unmeta=-8 and Unmetb=-8 and Unmetc=-8 and Unmetd=-8 and Unmete=-8 and Unmetf=-8 and Unmetg=-8 and
Unmeth=-8 and Unmeti=-8)  UnADL=-8.
IF Unmeta=-1 UnADL=-1.
VARIABLE LABELS UnADL "(D) Unmet need for any personal activities (ADLs)".
VALUE LABELS UnADL 0 'No' 1 'Yes' -8 'Refused' -1 "Not applicable" .
```

UNADL2: (D) Whether any unmet need for any personal activities (ADLs)

    1   Yes, unmet need
    2   No, all needs met
    3   No need

SPSS Syntax

```
COMPUTE UnADL2=-99.
IF ANY(1,Unmeta, Unmetb, Unmetc, Unmetd, Unmete, Unmetf, Unmetg, Unmeth, Unmeti) UnADL2=1.
IF UnADL2=-99 & ANY(2, Unmeta, Unmetb, Unmetc, Unmetd, Unmete, Unmetf, Unmetg, Unmeth, Unmeti) UnADL2=2.
IF UnADL2=-99 & (Unmeta=3 and Unmetb=3 and Unmetc=3 and Unmetd=3 and Unmete=3 and Unmetf=3 and Unmetg=3
and Unmeth=3 and Unmeti=3)  UnADL2=3.
IF UnADL2<>1 & ANY(-8, Unmeta, Unmetb, Unmetc, Unmetd, Unmete, Unmetf, Unmetg, Unmeth, Unmeti) UnADL2=-8.
IF Unmeta=-1 UnADL2=-1.
VARIABLE LABELS UnADL2 "(D) Whether any unmet need for any personal activities (ADLs)".
VALUE LABELS UnADL2  1 'Yes, unmet need' 2 "No, all needs met" 3 "No need" -8 "Refused" -1 "Not
applicable"
```

UNIADL: (D) Unmet need: Any instrumental activities

    0   No
    1   Yes

SPSS Syntax

```
COMPUTE UnIADL=-99.
IF ANY(1,Unmetj, Unmetk, Unmetl, Unmetm) UnIADL=1.
IF UnIADL=-99 & ANY(2,Unmetj, Unmetk, Unmetl, Unmetm)  UnIADL=0.
IF UnIADL=-99 & ANY(3,Unmetj, Unmetk, Unmetl, Unmetm) UnIADL=0.
IF (Unmetj=-8 and Unmetk=-8 and Unmetl=-8 and Unmetm=-8)  UnIADL=-8.
IF Unmetj=-1 UnIADL=-1.
VARIABLE LABELS UnIADL "(D) Unmet need for any instrumental activities (IADLs)".
VALUE LABELS UnIADL 0 'No' 1 'Yes' -8 'Refused' -1 "Not applicable" .
```

UNIADL2: (D) Whether any unmet need for any instrumental activities (IADLs)

    1   Yes, unmet need
    2   No all needs met
    3   No Need

SPSS Syntax

```
COMPUTE UnIADL2=-99.
IF ANY(1,Unmetj, Unmetk, Unmetl, Unmetm) UnIADL2=1.
IF UnIADL2=-99 & ANY(2, Unmetj, Unmetk, Unmetl, Unmetm) UnIADL2=2.
IF UnIADL2=-99 & (Unmetj=3 and Unmetk=3 and Unmetl=3 and Unmetm=3)  UnIADL2=3.
IF UnIADL2<>1 & ANY(-8, Unmetj, Unmetk, Unmetl, Unmetm) UnIADL2=-8.
IF Unmetj=-1 UnIADL2=-1.
VARIABLE LABELS UnIADL2 "(D) Whether any unmet need for any instrumental activities (IADLs)".
VALUE LABELS UnIADL2  1 'Yes, Unmet need' 2 "No all needs met" 3 "No need" -8 "Refused" -1 "Not
applicable" .
```

BLADPROB: (D) Bladder problem – binary

    0   No
    1   Yes

SPSS Syntax

```
COMPUTE bladprob=-99.
IF bladdprb = 1 bladprob=1.
IF bladdprb = 2 bladprob=0.
IF bladdprb = 3 bladprob=0.
IF bladdprb<0 bladprob=bladdprb.
VARIABLE LABELS bladprob '(D) Bladder problem - binary'.
VALUE LABELS bladprob 0 'No' 1 'Yes'.
```

BOWPROB: (D) Bowel problem – binary

     0   No
     1   Yes

SPSS Syntax

```
COMPUTE bowprob=-99.
IF bowelprb = 1 bowprob=1.
IF bowelprb = 2 bowprob=0.
IF bowelprb = 3 bowprob=0.
IF bowelprb<0 bowprob=bowelprb.
VARIABLE LABELS bowprob '(D) Bowel problem - binary'.
VALUE LABELS bowprob 0 'No' 1 'Yes'.
```

BARTHEL: (D) Unmet need: Person's dep – Barthel Index of ADL

BARTGP: (D) Unmet need: Person's dep – Barthel Index ADL, rec

     1   Barthel scr 0-4
     2   Barthel scr 5-8
     3   Barthel scr 9-12
     4   Barthel scr 13-20

BARTGP2: (D) Unmet need: Person's dep – Barthel Index ADL, rec 2

     1   Barthel scr 0-4
     2   Barthel scr 5-8
     3   Barthel scr 9-12
     4   Barthel scr 13-16
     5   Barthel sc 17-20

BARTHEL5: (D) Unmet need: Person's dep – Barthel 5 Item Index ADL

BART5GP: (D) Unmet need: Person's dep – Bart 5 Item Ix ADL, rec

     1   Barthel scr 0-4
     2   Barthel scr 5-8
     3   Barthel scr 9-12
     4   Barthel scr 13-20

BART5GP2: (D) Person's dep – Bart 5 Item Ix ADL, rec 2

     1   Barthel scr 0-4
     2   Barthel scr 5-8
     3   Barthel scr 9-12
     4   Barthel scr 13-16
     5   Barthel scr 17-20

SPSS Syntax

```
RECODE BOWELPRB (-1 = -1)(1 = 0)(2 = 2)(-9,-8,3 = 9) INTO #BOWELS.
RECODE BLADDPRB (-1 = -1)(1 = 0)(2 = 2)(-9,-8,3 = 9) INTO #BLADDER.
RECODE TASKSB (-1 = -1)(1,2 = 1)(3,4 = 0)(-9,-8 = 9) INTO #GROOM.
RECODE TASKSE (-1 = -1)(1 = 2)(2 = 1)(3,4 = 0)(-9,-8 = 9) INTO #TOILET.
RECODE TASKSF (-1 = -1)(1 = 2)(2 = 1)(3,4 = 0)(-9,-8 = 9) INTO #FEED.
RECODE TASKSA (-1 = -1)(1 = 3)(2 = 2)(3 = 1)(4 = 0)(-9,-8 = 9) INTO #TRANSF.
RECODE TASKSH (-1 = -1)(1,2 = 3)(3 = 2)(4 = 0)(-9,-8 = 9) INTO #MOBIL.
RECODE TASKSD (-1 = -1)(1 = 2)(2 = 1)(3,4 = 0)(-9,-8 = 9) INTO #DRESS.
RECODE TASKSI (-1 = -1)(1,2 = 2)(3 = 1)(4 = 0)(-9,-8 = 9) INTO #STAIRS.
RECODE TASKSC (-1 = -1)(1 = 1)(2,3,4 = 0)(-9,-8 = 9) INTO #BATH.
*BARTHEL INDEX*.
DO IF (AGE LT 65).
      COMPUTE BARTHEL = -1.
      ELSE IF (AGE GE 65).
            DO IF (ANY(-1,#BOWELS,#BLADDER,#GROOM,#TOILET,#FEED,#TRANSF,#MOBIL,#DRESS,#STAIRS,#BATH)).
                  COMPUTE BARTHEL = -1.
            ELSE IF (ANY(9,#BOWELS,#BLADDER,#GROOM,#TOILET,#FEED,#TRANSF,#MOBIL,#DRESS,#STAIRS,#BATH)).
                  COMPUTE BARTHEL = -9.
            ELSE.
                  COMPUTE BARTHEL =
SUM(#BOWELS,#BLADDER,#GROOM,#TOILET,#FEED,#TRANSF,#MOBIL,#DRESS,#STAIRS,#BATH).
      END IF.
END IF.
* GROUPED BARTHEL INDEX*.
RECODE BARTHEL (0 THRU 4 = 1)(5 THRU 8 = 2)(9 THRU 12 = 3)(13 THRU 20 = 4)(-1 = -1)(-9 = -9) INTO BARTGP.
RECODE BARTHEL (0 THRU 4 = 1)(5 THRU 8 = 2)(9 THRU 12 = 3)(13 THRU 16 = 4)(17 THRU 20 = 5)(-1 = -1)(-9 = -
9) INTO BARTGP2.
* GROUPED 5-ITEM BARTHEL INDEX*.
DO IF (AGE LT 65).
            COMPUTE BARTHEL5 = -1.
      ELSE IF (AGEOF GE 65).
            DO IF (ANY(-1,#TOILET,#TRANSF,#MOBIL,#STAIRS,#BATH)).
                  COMPUTE BARTHEL5 = -1.
```

```
            ELSE IF (ANY(9,#TOILET,#TRANSF,#MOBIL,#STAIRS,#BATH)).
                COMPUTE BARTHEL5 = -9.
            ELSE.
                COMPUTE BARTHEL5 = SUM(#TOILET,#TRANSF,#MOBIL,#STAIRS,#BATH).
                COMPUTE BARTHEL5 = BARTHEL5*20/11.
            END IF.
        END IF.
END IF.
EXECUTE.

RECODE BARTHEL5 (12.5 THRU 20 = 4)(8.5 THRU 12.5 = 3)(4.5 THRU 8.5 = 2)(0 THRU 4.5 = 1)(-1 = -1)(-9 = -9)
INTO BART5GP.
RECODE BARTHEL5 (16.5 THRU 20 = 5)(12.5 THRU 16.5 = 4)(8.5 THRU 12.5 = 3)(4.5 THRU 8.5 = 2)
(0 THRU 4.5 = 1)(-1 = -1)(-9 = -9) INTO BART5GP2.

VARIABLE LABELS
BARTHEL "(D) Unmet need: Person's dep - Barthel Index of ADL"
BARTGP "(D) Unmet need: Person's dep - Barthel Index ADL, rec"
BARTGP2 "(D) Unmet need: Person's dep - Barthel Index ADL, rec 2"
BARTHEL5 "(D) Unmet need: Person's dep - Barthel 5 Item Index ADL"
BART5GP "(D) Unmet need: Person's dep - Bart 5 Item Ix ADL, rec"
BART5GP2 "(D) Unmet need: Person's dep - Bart 5 Itm Ix ADL, rec 2".

VALUE LABELS  BARTGP
 1 'Barthel scr 0-4'
 2 'Barthel scr 5-8'
 3 'Barthel scr 9-12'
 4 'Barthel sc 13-20'/
 BARTGP2
 1 'Barthel scr 0-4'
 2 'Barthel scr 5-8'
 3 'Barthel scr 9-12'
 4 'Barthel sc 13-16'
 5 'Barthel sc 17-20'/
 BART5GP
 1 'Barthel scr 0-4'
 2 'Barthel scr 5-8'
 3 'Barthel scr 9-12'
 4 'Barthel sc 13-20'/
 BART5GP2
 1 'Barthel scr 0-4'
 2 'Barthel scr 5-8'
 3 'Barthel scr 9-12'
 4 'Barthel sc 13-16'
 5 'Barthel sc 17-20'.
```

RECHELP: (D) Received help with ADLs/IADLs in the last month

    0   No
    1   Yes

SPSS Syntax

```
COMPUTE RecHelp=-99.
IF helpADL=1 or helpIADL=1 rechelp=1.
IF helpADL=0 and helpIADL=0 rechelp=0.
IF RecHelp=-99 & any(-8, helpADL,  helpIADL) RecHelp=-8.
IF RecHelp=-99 & helpADL=-1 RecHelp=-1.
VARIABLE LABELS rechelp "(D) Received help with ADLs/IADLs in the last month".
VALUE LABELS rechelp 0 "No " 1 "Yes".
```

Formal help

DHELPFOHC: (D) Home care worker helped with ADLs (tasks A-I)

    0   No
    1   Yes

SPSS Syntax

```
COMPUTE DhelpfoHC=-99.
if any(1, hlpform01, hlpform10, hlpform19, hlpform28) DhelpfoHC=1.
if DhelpfoHC=-99 & helpADL=1 DhelpfoHC=0.
if DhelpfoHC=-99 & helpADL=0 DhelpfoHC=-2.
if DhelpfoHC=-99 & helpADL<0 DhelpfoHC=helpADL.
if  hlpform01=-8 & hlpform10=-8 & hlpform19=-8 & hlpform28=-8 DhelpfoHC=-8.
EXECUTE.
VARIABLE LABELS DhelpfoHC '(D) Home care worker helped with ADLs (tasks A-I)'.
VALUE LABELS DhelpfoHC 1 'Yes' 0 'No' -8 'Refused' -2 'No help received' -1 'Not applicable'.
```

DHELPFOOT: (D) Other formal helper, helped with ADL tasks (A-I)
      0   No
      1   Yes

```
SPSS Syntax

COMPUTE DhelpfoOT=-99.
if (any(1,hlpform02, hlpform11, hlpform20, hlpform29) | any(1,hlpform03, hlpform12, hlpform21, hlpform30)
| any(1, hlpform04, hlpform13, hlpform22, hlpform31) |
    any(1,hlpform05, hlpform14, hlpform23, hlpform32) | any(1,hlpform06, hlpform15, hlpform24, hlpform33)
|
    any(1,hlpform07, hlpform16, hlpform25, hlpform34) | any(1,hlpform08, hlpform17, hlpform26, hlpform35))
DhelpfoOT=1.
if DhelpfoOT=-99 & helpADL=1 DhelpfoOT=0.
if DhelpfoOT=-99 & helpADL=0 DhelpfoOT=-2.
if DhelpfoOT=-99 & helpADL<0 DhelpfoOT=helpADL.
if hlpform02=-8 & hlpform11=-8 & hlpform20=-8 & hlpform29=-8 & hlpform03=-8 & hlpform12=-8 & hlpform21=-8
&
    hlpform30=-8 & hlpform04=-8 & hlpform13=-8 & hlpform22=-8 & hlpform31=-8 & hlpform05=-8 & hlpform14=-8
&
    hlpform23=-8 & hlpform32=-8 & hlpform06=-8 & hlpform15=-8 & hlpform24=-8 & hlpform33=-8 & hlpform07=-8
&
    hlpform16=-8 & hlpform25=-8 & hlpform34=-8 & hlpform08=-8 & hlpform17=-8 & hlpform26=-8 & hlpform35=-8
DhelpfoOT=-8.
EXECUTE.
VARIABLE LABELS DhelpfoOT '(D) Other formal helper helped with ADLs (tasks A-I)'.
VALUE LABELS DhelpfoOT 1 'Yes' 0 'No' -8 'Refused' -2 'No help received' -1 'Not applicable'.
```

DHELPFONO: (D) No formal helpers helped with ADLs (tasks A-I)
      0   No
      1   Yes

```
SPSS Syntax

COMPUTE DhelpfoNO=-99.
if any(1,hlpform09, hlpform18, hlpform27, hlpform36) & ~any(0,hlpform09, hlpform18, hlpform27, hlpform36)
& anyhlp=1 DhelpfoNO=1.
if DhelpfoNO=-99 & helpADL=1 DhelpfoNO=0.
if DhelpfoNO=-99 & helpADL=0 DhelpfoNO=-2.
if DhelpfoNO=-99 & helpADL<0 DhelpfoNO=helpADL.
IF hlpform09=-8 & hlpform18=-8 & hlpform27=-8 & hlpform36=-8  DhelpfoNO=-8.
EXECUTE.
VARIABLE LABELS DhelpfoNO '(D) No formal helpers helped with ADLs (tasks A-I)'.
VALUE LABELS DhelpfoNO 1 'Yes' 0 'No' -8 'Refused' -2 'No help received' -1 'Not applicable'.
```

DANYFO: (D) Any formal helper helped with ADLs (tasks A-I)
      0   No formal helper
      1   Formal helper

```
SPSS Syntax

COMPUTE DanyFo=-99.
IF any(1, DhelpfoHC, DhelpfoOT) DanyFo=1.
if DanyFo=-99 & helpADL=1 DanyFo= 0.
if DanyFo=-99 & helpADL=0 DanyFo=-2.
if DanyFo=-99 & helpADL<0 DanyFo=helpADL.
IF DhelpfoHC=-8 & DhelpfoOT=-8 DanyFo=-8.
var labels DanyFo '(D) Any formal helper helped with ADL tasks (A-I)'.
VALUE LABELS DanyFo 1 'Yes'  0 'No'  -8 'Refused'  -2 'No help received' -1 'Not applicable'.
```

DHELPFOHCI: (D) Home care worker helped with IADLs (tasks J-M)
      0   No
      1   Yes

```
SPSS Syntax

COMPUTE DhelpfoHCi=-99.
if  (checkA2=2 & recheljbi~=1)  DhelpfoHCi=-1.
if hlpform37=1 DhelpfoHCi=1.
if DhelpfoHCi=-99 & helpIADL=1 DhelpfoHCi=0.
if DhelpfoHCi=-99 & helpIADL=0 DhelpfoHCi=-2.
if DhelpfoHCi=-99 & helpIADL<0 DhelpfoHCi=helpIADL.
if hlpform37=-8 DhelpfoHCi=-8.
EXECUTE.
VARIABLE LABELS DhelpfoHCi '(D) Home care worker helped with IADLs (tasks J-M)'.
VALUE LABELS DhelpfoHCi 1 'Yes' 0 'No' -8 'Refused' -2 'No help received' -1 'Not applicable'.
```

DHELPFOOTI: (D) Other formal helper helped with IADLs (tasks J-M)
    0   No
    1   Yes

```
SPSS Syntax

COMPUTE DhelpfoOTi=-99.
if  (checkA2=2 & recheljbi~=1)  DhelpfoOTi=-1.
if any(1,hlpform38, hlpform39, hlpform40, hlpform41, hlpform42, hlpform43, hlpform44) DhelpfoOTi=1.
if DhelpfoOTi=-99 & helpIADL=1 DhelpfoOTi=0.
if DhelpfoOTi=-99 & helpIADL=0 DhelpfoOTi=-2.
if DhelpfoOTi=-99 & helpIADL<0 DhelpfoOTi=helpIADL.
if  hlpform38=-8 & hlpform39=-8 & hlpform40=-8 & hlpform41=-8 & hlpform42=-8 & hlpform43=-8 & hlpform44=-8
DhelpfoOTi=-8.
EXECUTE.
VARIABLE LABELS DhelpfoOTi '(D) Other formal helper helped with IADLs (tasks J-M)'.
VALUE LABELS DhelpfoOTi 1 'Yes' 0 'No' -8 'Refused' -2 'No help received' -1 'Not applicable'.
```

DHELPFONOI: (D) No formal helpers helped with IADLs (tasks J-M)
    0   No
    1   Yes

```
SPSS Syntax

COMPUTE DhelpfoNOi=-99.
if  (checkA2=2 & recheljbi~=1)  DhelpfoNOi=-1.
if hlpform45=1 & anyhlp=1 DhelpfoNOi=1.
if DhelpfoNOi=-99 & helpIADL=1 DhelpfoNOi=0.
if DhelpfoNOi=-99 & helpIADL=0 DhelpfoNOi=-2.
if DhelpfoNOi=-99 & helpIADL<0 DhelpfoNOi=helpIADL.
if hlpform45=-8 DhelpfoNOi=-8.
EXECUTE.
VARIABLE LABELS DhelpfoNOi '(D) No formal helpers helped with IADLs (tasks J-M)'.
VALUE LABELS DhelpfoNOi 1 'Yes' 0 'No' -8 'Refused' -2 'No help received' -1 'Not applicable'.
```

DANYFOI: (D) Any formal helper helped with IADL tasks (J-M)
    0   No formal helper
    1   Formal helper

```
SPSS Syntax

COMPUTE DanyFoi=-99.
if  (checkA2=2 & recheljbi~=1) DanyFoi=-1.
IF any(1, DhelpfoHCi, DhelpfoOTi) DanyFoi=1.
if DanyFoi=-99 & helpIADL=1 DanyFoi= 0.
if DanyFoi=-99 & helpIADL=0 DanyFoi=-2.
if DanyFoi=-99 & helpIADL<0 DanyFoi=helpIADL.
if  DhelpfoHCi=-8 & DhelpfoOTi=-8 DanyFoi=-8.
var labels DanyFoi '(D) Any formal helper helped with IADL tasks (J-M)'.
VALUE LABELS DanyFoi 1 'Yes'  0 'No'  -8 'Refused'  -2 'No help received' -1 'Not applicable'.
```

Informal help

DHELPINSP: (D) Spouse/ partner helped with ADLs (tasks A-I)
    0   No
    1   Yes

```
SPSS Syntax

COMPUTE DhelpinSP=-99.
if any (1,hlpinf01, hlpinf12, hlpinf23, hlpinf34) DhelpinSP=1.
if DhelpinSP=-99 & helpADL=1 DhelpinSP=0.
if DhelpinSP=-99 & helpADL=0 DhelpinSP=-2.
if DhelpinSP=-99 & helpADL<0 DhelpinSP=helpADL.
if hlpinf01=-8 & hlpinf12=-8 & hlpinf23=-8 & hlpinf34=-8 DhelpinSP=-8.
EXECUTE.
VARIABLE LABELS DhelpinSP '(D) Spouse/partner helped with ADLs (tasks A-I)'.
VALUE LABELS DhelpinSP 1 'Yes' 0 'No' -8 'Refused' -2 'No help received' -1 'Not applicable'.
```

DHELPINSO: (D) Son helped with ADLs (tasks A-I)
    0   No
    1   Yes

```
SPSS Syntax

COMPUTE DhelpinSO=-99.
if any (1,hlpinf02, hlpinf13, hlpinf24, hlpinf35) DhelpinSO=1.
if DhelpinSO=-99 & helpADL=1 DhelpinSO=0.
if DhelpinSO=-99 & helpADL=0 DhelpinSO=-2.
if DhelpinSO=-99 & helpADL<0 DhelpinSO=helpADL.
if  hlpinf02=-8 & hlpinf13=-8 & hlpinf24=-8 & hlpinf35=-8 DhelpinSO=-8.
EXECUTE.
VARIABLE LABELS DhelpinSO '(D) Son helped with ADLs (tasks A-I)'.
VALUE LABELS DhelpinSO 1 'Yes' 0 'No' -8 'Refused' -2 'No help received' -1 'Not applicable'.
```

DHELPINDA: (D) Daughter helped with ADLs (tasks A-I)
    0   No
    1   Yes

```
SPSS Syntax

COMPUTE DhelpinDA=-99.
if any (1,hlpinf03, hlpinf14, hlpinf25, hlpinf36) DhelpinDA=1.
if DhelpinDA=-99 & helpADL=1 DhelpinDA=0.
if DhelpinDA=-99 & helpADL=0 DhelpinDA=-2.
if DhelpinDA=-99 & helpADL<0 DhelpinDA=helpADL.
if hlpinf03=-8 & hlpinf14=-8 & hlpinf25=-8 & hlpinf36=-8 DhelpinDA=-8.
EXECUTE.
VARIABLE LABELS DhelpinDA '(D) Daughter helped with ADLs (tasks A-I)'.
VALUE LABELS DhelpinDA 1 'Yes' 0 'No' -8 'Refused' -2 'No help received' -1 'Not applicable'.
```

DHELPINFN: (D) Friend or neighbour, ADLs (tasks A-I)
    0   No
    1   Yes

```
SPSS Syntax

COMPUTE DhelpinFN=-99.
if any (1,hlpinf09, hlpinf20, hlpinf31, hlpinf42) | any(1,hlpinf10, hlpinf21, hlpinf32, hlpinf43)
DhelpinFN=1.
if DhelpinFN=-99 & helpADL=1 DhelpinFN=0.
if DhelpinFN=-99 & helpADL=0 DhelpinFN=-2.
if DhelpinFN=-99 & helpADL<0 DhelpinFN=helpADL.
if hlpinf09=-8 & hlpinf20=-8 & hlpinf31=-8 & hlpinf42=-8 & hlpinf10=-8 & hlpinf21=-8 & hlpinf32=-8 &
hlpinf43=-8 DhelpinFN=-8.
EXECUTE.
VARIABLE LABELS DhelpinFN '(D) Freind/Neighbour helped with ADLs (tasks A-I)'.
VALUE LABELS DhelpinFN 1 'Yes' 0 'No' -8 'Refused' -2 'No help received' -1 'Not applicable'.
```

DHELPINOT: (D) Other family member helped with ADLs (tasks A-I)
    0   No
    1   Yes

```
SPSS Syntax

COMPUTE DhelpinOT=-99.
if (any(1,hlpinf04, hlpinf15, hlpinf26, hlpinf37) | any(1,hlpinf05, hlpinf16, hlpinf27, hlpinf38) | any(1,
hlpinf06, hlpinf17, hlpinf28, hlpinf39) |
    any(1,hlpinf07, hlpinf18, hlpinf29, hlpinf40) | any(1,hlpinf08, hlpinf19, hlpinf30, hlpinf41) )
DhelpinOT=1.
if DhelpinOT=-99 & helpADL=1 DhelpinOT=0.
if DhelpinOT=-99 & helpADL=0 DhelpinOT=-2.
if DhelpinOT=-99 & helpADL<0 DhelpinOT=helpADL.
if hlpinf04=-8 & hlpinf15=-8 & hlpinf26=-8 & hlpinf37=-8 & hlpinf05=-8 & hlpinf16=-8 & hlpinf27=-8 &
hlpinf38=-8 & hlpinf06=-8 & hlpinf17=-8 &
    hlpinf28=-8 & hlpinf39=-8 & hlpinf07=-8 & hlpinf18=-8 & hlpinf29=-8 & hlpinf40=-8 & hlpinf08=-8 &
hlpinf19=-8 & hlpinf30=-8 & hlpinf41=-8 DhelpinOT=-8.
EXECUTE.
VARIABLE LABELS DhelpinOT '(D) Other member of the family helped with ADLs (tasks A-I)'.
VALUE LABELS DhelpinOT 1 'Yes' 0 'No' -8 'Refused' -2 'No help received' -1 'Not applicable'.
```

DHELPINNO: (D) No informal helpers helped with ADLs (tasks A-I)

    0   No
    1   Yes

```
SPSS Syntax

COMPUTE DhelpinNO=-99.
if any(1,hlpinf11,hlpinf22, hlpinf33, hlpinf44) & ~any(0,hlpinf11,hlpinf22, hlpinf33, hlpinf44) & anyhlp=1
DhelpinNO=1.
if DhelpinNO=-99 & helpADL=1 DhelpinNO=0.
if DhelpinNO=-99 & helpADL=0 DhelpinNO=-2.
if DhelpinNO=-99 & helpADL<0 DhelpinNO=helpADL.
if hlpinf11=-8 &hlpinf22=-8 & hlpinf33=-8 & hlpinf44=-8 DhelpinNO=-8.
EXECUTE.
VARIABLE LABELS DhelpinNO '(D) No informal helpers helped with ADLs (tasks A-I)'.
VALUE LABELS DhelpinNO 1 'Yes' 0 'No' -8 'Refused' -2 'No help received' -1 'Not applicable'
```

DANYINF: (D) An informal helper helped with ADLs (tasks A-I)

    0   No
    1   Yes

```
SPSS Syntax

COMPUTE DAnyInf=-99.
if any(1, DhelpinSP, DhelpinSO, DhelpinDA, DhelpinOT, DhelpinFN) DAnyInf=1.
if DAnyInf=-99 & helpADL=1 DAnyInf=0.
if DAnyInf=-99 & helpADL=0 DAnyInf=-2.
if DAnyInf=-99 & helpADL<0 DAnyInf=helpADL.
if DhelpinSP=-8 & DhelpinSO=-8 & DhelpinDA=-8 & DhelpinOT=-8 & DhelpinFN=-8 DAnyInf=-8.
EXECUTE.
VARIABLE LABELS DAnyInf '(D) An informal helper helped with ADLs (tasks A-I)'.
VALUE LABELS DAnyInf 1 'Yes' 0 'No' -8 'Refused' -2 'No help received' -1 'Not applicable'.
```

DHELPINSPI: (D) Spouse/ partner helped with IADLs (tasks J-M)

    0   No
    1   Yes

```
SPSS Syntax

COMPUTE DhelpinSPi=-99.
if  (checkA2=2 & recheljbi~=1) DhelpinSPi=-1.
if DhelpinSPi=-99 & hlpinf45=1  DhelpinSPi=1.
if DhelpinSPi=-99 & helpIADL=1 DhelpinSPi=0.
if DhelpinSPi=-99 & helpIADL=0 DhelpinSPi=-2.
if DhelpinSPi=-99 & helpIADL<0 DhelpinSPi=helpIADL.
if hlpinf45=-8 DhelpinSPi=-8.
EXECUTE.
VARIABLE LABELS DhelpinSPi '(D) Spouse/partner helped with IADLs (tasks J-M)'.
VALUE LABELS DhelpinSPi 1 'Yes' 0 'No' -8 'Refused' -2 'No help received' -1 'Not applicable'.
```

DHELPINSOI: (D) Son helped with IADLs (tasks J-M)

    0   No
    1   Yes

```
SPSS Syntax

COMPUTE DhelpinSOi=-99.
if  (checkA2=2 & recheljbi~=1) DhelpinSOi=-1.
if hlpinf46=1 DhelpinSOi=1.
if DhelpinSOi=-99 & helpIADL=1 DhelpinSOi=0.
if DhelpinSOi=-99 & helpIADL=0 DhelpinSOi=-2.
if DhelpinSOi=-99 & helpIADL<0 DhelpinSOi=helpIADL.
if hlpinf46=-8 DhelpinSOi=-8.
EXECUTE.
VARIABLE LABELS DhelpinSOi '(D) Son helped with IADLs (tasks J-M)'.
VALUE LABELS DhelpinSOi 1 'Yes' 0 'No' -8 'Refused' -2 'No help received' -1 'Not applicable'.
```

DHELPINDAI: (D) Daughter helped with IADLs (tasks J-M)

    0   No
    1   Yes

```
SPSS Syntax

COMPUTE DhelpinDAi=-99.
if  (checkA2=2 & recheljbi~=1) DhelpinDAi=-1.
if hlpinf47=1 DhelpinDAi=1.
if DhelpinDAi=-99 & helpIADL=1 DhelpinDAi=0.
if DhelpinDAi=-99 & helpIADL=0 DhelpinDAi=-2.
```

```
if DhelpinDAi=-99 & helpIADL<0 DhelpinDAi=helpIADL.
if hlpinf47=-8 DhelpinDAi=-8.
EXECUTE.
VARIABLE LABELS DhelpinDAi '(D) Daughter helped with IADLs (tasks J-M)'.
VALUE LABELS DhelpinDAi 1 'Yes' 0 'No' -8 'Refused' -2 'No help received' -1 'Not applicable'.
```

DHELPINFNI: (D) Friend or neighbour helped with IADL (tasks J-M)

0   No
1   Yes

SPSS Syntax

```
COMPUTE DhelpinFNi=-99.
if  (checkA2=2 & recheljbi~=1) DhelpinFNi=-1.
if any (1,hlpinf53, hlpinf54) DhelpinFNi=1.
if DhelpinFNi=-99 & helpIADL=1 DhelpinFNi=0.
if DhelpinFNi=-99 & helpIADL=0 DhelpinFNi=-2.
if DhelpinFNi=-99 & helpIADL<0 DhelpinFNi=helpIADL.
if hlpinf53=-8 & hlpinf54=-8 DhelpinFNi=-8.
EXECUTE.
VARIABLE LABELS DhelpinFNi '(D) Friend/neighbour helped with IADLs (tasks J-M)'.
VALUE LABELS DhelpinFNi 1 'Yes' 0 'No' -8 'Refused' -2 'No help received' -1 'Not applicable'.
```

DHELPINOTI: (D) Other family member helped with IADLs (tasks J-M)

0   No
1   Yes

SPSS Syntax

```
COMPUTE DhelpinOTi=-99.
if  (checkA2=2 & recheljbi~=1) DhelpinOTi=-1.
if any (1,hlpinf48, hlpinf49, hlpinf50, hlpinf51, hlpinf52) DhelpinOTi=1.
if DhelpinOTi=-99 & helpIADL=1 DhelpinOTi=0.
if DhelpinOTi=-99 & helpIADL=0 DhelpinOTi=-2.
if DhelpinOTi=-99 & helpIADL<0 DhelpinOTi=helpIADL.
if hlpinf48=-8 & hlpinf49=-8 & hlpinf50=-8 & hlpinf51=-8 & hlpinf52=-8 DhelpinOTi=-8.
EXECUTE.
VARIABLE LABELS DhelpinOTi '(D) Other family member helped with IADLs (tasks J-M)'.
VALUE LABELS DhelpinOTi 1 'Yes' 0 'No' -8 'Refused' -2 'No help received' -1 'Not applicable
```

DHELPINNOI: (D) No informal helper helped with IADLs (tasks J-M)

0   No
1   Yes

SPSS Syntax

```
COMPUTE DhelpinNOi=-99.
if  (checkA2=2 & recheljbi~=1) DhelpinNOi=-1.
if hlpinf55=1 DhelpinNOi=1.
if DhelpinNOi=-99 & helpIADL=1 DhelpinNOi=0.
if DhelpinNOi=-99 & helpIADL=0 DhelpinNOi=-2.
if DhelpinNOi=-99 & helpIADL<0 DhelpinNOi=helpIADL.
if hlpinf55=-8 DhelpinNOi=-8.
EXECUTE.
VARIABLE LABELS DhelpinNOi '(D) No informal helper helped with IADLs (tasks J-M)'.
VALUE LABELS DhelpinNOi 1 'Yes' 0 'No' -8 'Refused' -2 'No help received' -1 'Not applicable'.
```

DANYINFI: (D) Any informal helper helped with IADLs (tasks J-M)

0   No
1   Yes

SPSS Syntax

```
COMPUTE DAnyInfi=-99.
if  (checkA2=2 & recheljbi~=1) Danyinfi=-1.
if any(1, DhelpinSPi, DhelpinSOi, DhelpinDAi, DhelpinOTi, DhelpinFNi) DAnyInfi=1.
if DAnyInfi=-99 & helpIADL=1 DAnyInfi=0.
if DAnyInfi=-99 & helpIADL=0 DAnyInfi=-2.
if DAnyInfi=-99 & helpIADL<0 DAnyInfi=helpIADL.
if DhelpinSPi=-8 & DhelpinSOi=-8 & DhelpinDAi=-8 & DhelpinOTi=-8 & DhelpinFNi=-8 DAnyInfi=-8.
EXECUTE.
VARIABLE LABELS DAnyInfi '(D) An informal helper helped with IADLs (tasks J-M)'.
VALUE LABELS DAnyInfi 1 'Yes' 0 'No' -8 'Refused' -2 'No help received' -1 'Not applicable'.
```

DADLTYP: (D) Who provided ADL help (informal/ formal helpers, tasks A-I)

1 Informal only
2 Formal only
3 Both informal and formal
4 None of these

```
SPSS Syntax

COMPUTE DADLtyp=-99.
IF DanyInf=1 and DanyFo=0 DADLtyp=1.
IF DanyInf=0 and DanyFo=1 DADLtyp=2.
IF DanyInf=1 and DanyFo=1 DADLtyp=3.
IF DhelpinNO=1 and DhelpfoNO=1 DADLtyp=4.
IF DanyInf=-2 and DanyFo=-2 DADLtyp=-2.
IF DanyInf=-1 and DanyFo=-1 DADLtyp=-1.
IF ANY(-8, DanyInf, DanyFo) DADLtyp=-8.
VARIABLE LABELS DADLtyp '(D) Who provided ADL help (informal/formal helpers, tasks A-I)'.
VALUE LABELS DADLtyp
 1 'Informal only'
 2 'Formal only'
 3 'Both informal and formal'
 4 'None of these'
-8 'Refused'
-2 'No help received'
-1 'Not applicable'.
```

DIADLTYP: (D) Who provided IADL help

1 Informal only
2 Formal only
3 Both informal and formal
4 None of these

```
SPSS Syntax

COMPUTE DIADLtyp=-99.
IF (checkA2=2 & recheljbi~=1) DIADLtyp=-1.
IF DIADLtyp=-99 & DanyInfi=1 and DanyFoi=0 DIADLtyp=1.
IF DIADLtyp=-99 & DanyInfi=0 and DanyFoi=1 DIADLtyp=2.
IF DIADLtyp=-99 & DanyInfi=1 and DanyFoi=1 DIADLtyp=3.
IF DIADLtyp=-99 & DhelpinNOi=1 and DhelpfoNOi=1 DIADLtyp=4.
IF DIADLtyp=-99 & DanyInfi=-2 and DanyFoi=-2 DIADLtyp=-2.
IF DIADLtyp=-99 & DanyInfi=-1 and DanyFoi=-1 DIADLtyp=-1.
IF ANY(-8, DanyInfi, DanyFoi) DIADLtyp=-8.
VARIABLE LABELS DIADLtyp '(D) Who provided IADL help (informal/formal helpers, tasks J-M)'.
VALUE LABELS DIADLtyp
 1 'Informal only'
 2 'Formal only'
 3 'Both informal and formal'
 4 'None of these'
-8 'Refused'
-2 'No help received'
-1 'Not applicable'.
```

Payment for care

LACARE: (D) Neither DP nor PB but LA care or no LA care

1 DP or PB
2 LA care
3 No LA care

```
SPSS Syntax

COMPUTE lacare=-1.
IF havedp1=-8 and havedp2=-8 and havedp3=-8 lacare=-8.
IF persb=-8 lacare=-8.
IF havedp1=1 or persb=1 lacare=1.
IF havedp1=0 and persb=2 and havedp2=1 lacare=2.
IF havedp3=1 and persb=2  lacare=3.
variable labels lacare '(D) Neither DP nor PB but LA care or no LA care'.
val lab lacare
 1 'DP or PB'
 2 'LA care'
 3 'No LA care'.
```

Carers Information

SPOUSE: (D) To whom provided unpaid care to in last month: spouse

    0 No
    1 Yes

SPSS Syntax

```
COMPUTE spouse=0.
If Pr1Rel=1 or Pr2Rel=1 or Pr3Rel=1 spouse=1.
val lab spouse 0 'No' 1 'Yes'.
```

PARENT: (D) To whom provided unpaid care to in last month: parent

    0 No
    1 Yes

SPSS Syntax

```
COMPUTE parent=0.
If Pr1Rel=2 or pr1rel=3 or Pr2Rel=2 or pr2rel=3 or Pr3Rel=2 or pr3rel=3 parent=1.
val lab parent 0 'No' 1 'Yes'.
```

SON: (D) To whom provided unpaid care to in last month: son

    0 No
    1 Yes

SPSS Syntax

```
COMPUTE son=0.
If Pr1Rel=4 or Pr2Rel=4 or Pr3Rel=4 son=1.
val lab son 0 'No' 1 'Yes'.
```

DAUGHTER: (D) To whom provided unpaid care to in last month: daughter

    0 No
    1 Yes

SPSS Syntax

```
COMPUTE daughter=0.
If Pr1Rel=5 or Pr2Rel=5 or Pr3Rel=5 daughter=1.
val lab daughter 0 'No' 1 'Yes'.
```

GPARENT: (D) To whom provided unpaid care to in last month: grandparent

    0 No
    1 Yes

SPSS Syntax

```
COMPUTE gparent=0.
If Pr1Rel=6 or Pr2Rel=6 or Pr3Rel=6 gparent=1.
val lab gparent 0 'No' 1 'Yes'.
```

BROSIS: (D) To whom provided unpaid care to in last month: brother/sister

    0 No
    1 Yes

SPSS Syntax

```
COMPUTE brosis=0.
If Pr1Rel=8 or Pr2Rel=8 or Pr3Rel=8 brosis=1.
val lab brosis 0 'No' 1 'Yes'.
```

OFAM: (D) To whom provided unpaid care to in last month: other family member

    0 No
    1 Yes

SPSS Syntax

```
COMPUTE ofam=0.
If Pr1Rel=7 or Pr2Rel=7 or Pr3Rel=7 or Pr1Rel=9 or Pr2Rel=9 or Pr3Rel=9 ofam=1.
val lab ofam 0 'No' 1 'Yes'.
```

FRIEND: (D) To whom provided unpaid care to in last month: friend

    0 No
    1 Yes

NEIGH: (D) To whom provided unpaid care to in last month: neighbour

0 No
1 Yes

```
SPSS Syntax

COMPUTE neigh=0.
If Pr1Rel=11 or Pr2Rel=11 or Pr3Rel=11 neigh=1.
val lab neigh 0 'No' 1 'Yes'.
```

VOLHLP: (D) To whom provided unpaid care to in last month: someone I help as voluntary helper

0 No
1 Yes

```
SPSS Syntax

COMPUTE volhlp=0.
If Pr1Rel=13 or Pr2Rel=13 or Pr3Rel=13 volhlp=1.
val lab volhlp 0 'No' 1 'Yes'.
```

OTHER: (D) To whom provided unpaid care to in last month: other person

0 No
2   Yes
3

```
SPSS Syntax

COMPUTE other=0.
If pr1rel=14 or pr2rel=14 or pr3rel=14 other=1.
val lab other 0 'No' 1 'Yes'.
FREQUENCIES other.
```

GAVEHLP: (D) Provided help - binary

0 No
1 Yes

```
SPSS Syntax

Numeric gavehlp (F2.0).
COMPUTE gavehlp=99.
IF age < 16 gavehlp = -1.
IF checkhlp = 1 gavehlp = 1.
IF checkhlp = 2 gavehlp = 0.
IF ProvHlp = 2 gavehlp = 0.
IF ProvHlp < 0 gavehlp = ProvHlp.
var lab gavehlp '(D) Provided help - binary'.
val lab gavehlp 0 'No' 1 'Yes' -8 "Don't know" -9 "Refused".
exe.
fre gavehlp.
```

HELPNUM: (D) Number provided help to - grouped

0 0
1 1
2 2
3 3 or more

```
SPSS Syntax

Numeric helpnum (F2.0).
compute helpnum=99.
if helpno =1 helpnum=1.
if helpno=2 helpnum=2.
if helpno>=3 helpnum =3.
if helpno>=21 helpnum=-1.
if helpno<0 helpnum=helpno.
if gavehlp=0 helpnum=0.
```

```
var lab helpnum '(D) Number provided help to - grouped'.
val lab helpnum 0 '0' 1 '1' 2 '2' 3 '3 or more' -1 'Not applicable' -8 "Don't know" -9 "Refused".
fre helpnum.
```

HHOLD3: (D) Household of helper(s) providing care
 1 Same
 2 Different
 3 Both

SPSS Syntax

```
COMPUTE hhold3=-1.
IF samehh=1 hhold3=1.
IF diffhh=1 hhold3=2.
IF both=1 hhold3=3.
val lab hhold3 1 'Same' 2 'Different' 3 'Both'.
```

Carers time

SPHR6: (D) Grouped spouse hours who helped (6 groups, 50+)
 1 No help in the last week
 2 <1 hour
 3 1-9
 4 10-19
 5 20-49
 6 50+

SPHR10: (D) Grouped spouse hours who helped (4 groups, 10+)
 1 No help in the last week
 2 <1 hour
 3 1-10
 4 10 or more

SPHR20: (D) Grouped spouse hours who helped (4 groups, 20+)
 1 No help in the last week
 2 <1 hour
 3 1-19
 4 20 or more

SPSS Syntax

```
NUMERIC SPhr6 (F3.0).
COMPUTE SPhr6=-99.
EXECUTE.
RECODE HlpHrsi01g9 (1=1) (2=2) (3 thru 4=3) (5=4) ( 6 thru 7 =5) (8 thru 9=6)(else=-1) into SPhr6.
VARIABLE LABELS SPhr6 '(D) Grouped spouse hours who helped (6 groups, 50+)'.
VALUE LABELS SPhr6
 1 'No help'
 2 '<1 hour'
 3 '1-9'
 4 '10-19'
 5 '20-49'
 6 '50+'.

NUMERIC SPhr10 (F3.0).
COMPUTE SPhr10=-99.
EXECUTE.
RECODE HlpHrsi01g9  (1=1) (2=2) (3 thru 4=3) (5 thru 9=4)(else=-1) into SPhr10.
VARIABLE LABELS SPhr10 '(D) Grouped spouse hours who helped (4 groups, 10+)'.
VALUE LABELS SPhr10
 1 'No help'
 2 '<1 hour'
 3 '1-9'
 4 '10 or more'.

NUMERIC SPhr20 (F3.0).
COMPUTE SPhr20=-99.
EXECUTE.
RECODE HlpHrsi01g9 (1=1) (2=2) (3 thru 5=3) (6 thru 9=4)(else=-1) into SPhr20.
VARIABLE LABELS SPhr20 '(D) Grouped spouse hours who helped (4 groups, 20+)'.
VALUE LABELS SPhr20
 1 'No help'
 2 '<1 hour'
 3 '1-19'
 4 '20 or more'.
```

SOHR6: (D) Grouped, hours of help provided by son who helped the most (6 groups, 50+)
- 1   No help
- 2   <1 hour
- 3   1-9
- 4   10-19
- 5   20-49
- 6   50+

SOHR10: (D) Grouped, hours of help provided by son who helped the most (4 groups, 10+)
- 1   No help
- 2   <1 hour
- 3   1-10
- 4   10 or more

SOHR20: (D) Grouped, hours of help provided by son who helped the most (4 groups, 20+)
- 1   No help
- 2   <1 hour
- 3   1-19
- 4   20 or more

SONHRS: (D) Grouped, hours of help provided by son who helped the most (9 groups)
- 1   No help
- 2   <1 hour
- 3   1-19
- 4   20 or more

SONMOST: (D) Grouped, son who provided the most hours of care
- 1   Son 1
- 2   Son 2
- 3   Son 3

SPSS Syntax

```
NUMERIC sohr6 (F3.0).
COMPUTE sohr6=-99.
EXECUTE.
RECODE sonhrs (1=1) (2=2) (3 thru 4=3) ( 5 =4) (6 thru 7=5)(8 thru 9=6)(else=-1) into sohr6.
VARIABLE LABELS sohr6 '(D) Grouped, hours of help provided in the last week by son who helped the most (6
groups, 50+)'.
VALUE LABELS sohr6
 1 'No help'
 2 '<1 hour'
 3 '1-9'
 4 '10-19'
 5 '20-49'
 6 '50+'.

NUMERIC sohr10 (F3.0).
COMPUTE sohr10=-99.
EXECUTE.
RECODE sonhrs (1=1) (2=2) (3 thru 4=3) (5 thru 9=4)(else=-1) into sohr10.
VARIABLE LABELS sohr10 '(D) Grouped, hours of help provided in the last week by son who helped the most (4
groups, 10+)'.
VALUE LABELS sohr10
 1 'No help'
 2 '<1 hour'
 3 '1-9'
 4 '10 or more'.

NUMERIC sohr20 (F3.0).
COMPUTE sohr20=-99.
EXECUTE.
RECODE sonhrs (1=1) (2=2) (3 thru 5=3) (6 thru 9=4)(else=-1) into sohr20.
VARIABLE LABELS sohr20 '(D) Grouped, hours of help provided in the last week by son who helped the most (4
groups, 20+)'.
VALUE LABELS sohr20
 1 'No help'
 2 '<1 hour'
 3 '1-19'
 4 '20 or more'.

NUMERIC Sonhrs (f3.0).
COMPUTE Sonhrs=MAX(HlpHrsI02g9, HlpHrsI03g9, HlpHrsI04g9).
VARIABLE LABELS Sonhrs '(D) Grouped, hours of help provided in the last week by the son who helped the
most (9 groups)'.
VALUE LABELS Sonhrs
-8 "Don't know"
-1 "Not applicable"
1 "No help in the last week"
```

```
2 "Less than one hour"
3 "1-4 hours"
4 "5-9 hours"
5 "10-19 hours"
6 "20-34 hours"
7 "35-49 hours"
8 "50-99 hours"
9 "100 hours or more".


NUMERIC sonmost (f3.0).
compute sonmost=-1.
if sonhrs=HlpHrsI04g9 sonmost=3.
if sonhrs=HlpHrsI03g9 sonmost=2.
if sonhrs=HlpHrsI02g9 sonmost=1.
VARIABLE LABELS sonmost '(D) Son who provided the most hours of care'.
VALUE LABELS sonmost
 1 'Son 1'
 2 'Son 2'
 3 'Son 3'.
```

DAHR6: (D) Grouped, hours of help provided by daughter who helped the most (6 groups, 50+)

    1   No help
    2   <1 hour
    3   1-9
    4   10-19
    5   20-49
    6   50+

DAHR10: (D) Grouped, hours of help provided by daughter who helped the most (4 groups, 10+)

    1   No help
    2   <1 hour
    3   1-10
    4   10 or more

DAHR20: (D) Grouped, hours of help provided by daughter who helped the most (4 groups, 20+)

    1   No help
    2   <1 hour
    3   1-19
    4   20 or more

DAHRS: (D) Grouped, hours of help provided by daughter who helped the most (9 groups)

    -8   Don't Know
    -1   Not applicable
     1   No help in the last week
     2   Less than one hour
     3   1-4 hours
     4   5-9 hours
     5   10-19 hours
     6   20-34 hours
     7   35-49 hours
     8   50-99 hours
     9   100 hours or more.

DAMOST: (D) Grouped, daughter who provided the most hours of care

    1   Daughter 1
    2   Daughter 2
    3   Daughter 3

SPSS Syntax

```
NUMERIC dahr6 (F3.0).
COMPUTE dahr6=-99.
EXECUTE.
RECODE daughterhrs (1=1) (2=2) (3 thru 4=3) ( 5 =4) (6 thru 7=5)(8 thru 9=6)(else=-1) into dahr6.
VARIABLE LABELS dahr6 '(D) Grouped, hours of help provided in the last week by daughter who helped the
most (6 groups, 50+)'.
VALUE LABELS dahr6
 1 'No help'
 2 '<1 hour'
 3 '1-9'
 4 '10-19'
 5 '20-49'
 6 '50+'.

NUMERIC dahr10 (F3.0).
```

```
COMPUTE dahr10=-99.
EXECUTE.
RECODE daughterhrs (1=1) (2=2) (3 thru 4=3) (5 thru 9=4)(else=-1) into dahr10.
VARIABLE LABELS dahr10 '(D) Grouped, hours of help provided in the last week by daughter who helped the
most (4 groups, 10+)'.
VALUE LABELS dahr10
 1 'No help'
 2 '<1 hour'
 3 '1-9'
 4 '10 or more'.

NUMERIC dahr20 (F3.0).
COMPUTE dahr20=-99.
EXECUTE.
RECODE daughterhrs (1=1) (2=2) (3 thru 5=3) (6 thru 9=4)(else=-1) into dahr20.
VARIABLE LABELS dahr20 '(D) Grouped, hours of help provided in the last week by daughter who helped the
most (4 groups, 20+)'.
VALUE LABELS dahr20
 1 'No help'
 2 '<1 hour'
 3 '1-19'
 4 '20 or more'.

NUMERIC DAhrs (f3.0).
COMPUTE DAhrs=MAX(HlpHrsI05g9 , HlpHrsI06g9 , HlpHrsI07g9 ).
VARIABLE LABELS DAhrs '(D) Grouped, hours of help provided in the last week by daughter who helped the
most (9 groups)'.
VALUE LABELS DAhrs
-8 "Don't Know"
-1 "Not applicable"
 1 "No help in the last week"
 2 "Less than one hour"
 3 "1-4 hours"
 4 "5-9 hours"
 5 "10-19 hours"
 6 "20-34 hours"
 7 "35-49 hours"
 8 "50-99 hours"
 9 "100 hours or more".

NUMERIC DAmost (f3.0).
compute damost=-1.
if dahrs=HlpHrsI07g9 damost=3.
if dahrs=HlpHrsI06g9 damost=2.
if dahrs=HlpHrsI05g9 damost=1.
VARIABLE LABELS damost '(D) Daughter who provided the most hours of care'.
VALUE LABELS damost
 1 'Daughter 1'
 2 'Daughter 2'
 3 'Daughter 3'..
```

OTHR6: (D) Grouped, hours of help provided in the last week by other family member who helped the most (6 groups, 50+)
    1   No help
    2   <1 hour
    3   1-9
    4   10-19
    5   20-49
    6   50+

OTHR10: (D) Grouped, hours of help provided in the last week by other family member who helped the most (4 groups, 10+)
    1   No help
    2   <1 hour
    3   1-10
    4   10 or more

OTHR20: (D) Grouped, hours of help provided in the last week by other family member who helped the most (4 groups, 20+)
    1   No help
    2   <1 hour
    3   1-19
    4   20 or more

OTHRS: (D) Grouped, hours of help provided in the last week by other family member who helped the most (9 groups)
    -8 Don't Know
    -1 Not applicable
     1 No help in the last week

2 Less than one hour
3 1-4 hours
4 5-9 hours
5 10-19 hours
6 20-34 hours
7 35-49 hours
8 50-99 hours
9 100 hours or more.

OTMOST: (D) Other family member who provided most hours of care

1 Grandchild 1
2 Grandchild 2
3 Grandchild 3
4 Brother/sister 1
5 Brother/sister 2
6 Brother/sister 3
7 Niece/nephew 1
8 Niece/nephew 2
9 Niece/nephew 3
10 Parent
11 Other parent
12 Other family member

SPSS Syntax

```
NUMERIC othr6 (F3.0).
COMPUTE othr6=-99.
EXECUTE.
RECODE othrs (1=1) (2=2) (3 thru 4=3) (5=4) ( 6 thru 7 =5) (8 thru 9=6)(else=-1) into othr6.
VARIABLE LABELS othr6 '(D) Grouped, hours of help provided in the last week by other family member who
helped the most (6 groups, 50+)'.
VALUE LABELS othr6
 1 'No help'
 2 '<1 hour'
 3 '1-9'
 4 '10-19'
 5 '20-49'
 6 '50+'.

NUMERIC othr10 (F3.0).
COMPUTE othr10=-99.
EXECUTE.
RECODE othrs (1=1) (2=2) (3 thru 4=3) (5 thru 9=4)(else=-1) into othr10.
VARIABLE LABELS othr10 '(D) Grouped, hours of help provided in the last week by other family member who
helped the most (4 groups, 10+)'.
VALUE LABELS othr10
 1 'No help'
 2 '<1 hour'
 3 '1-9'
 4 '10 or more'.

NUMERIC othr20 (F3.0).
COMPUTE othr20=-99.
EXECUTE.
RECODE othrs (1=1) (2=2) (3 thru 5=3) (6 thru 9=4)(else=-1) into othr20.
VARIABLE LABELS othr20 '(D) Grouped, hours of help provided in the last week by other family member who
helped the most (4 groups, 20+)'.
VALUE LABELS othr20
 1 'No help'
 2 '<1 hour'
 3 '1-19'
 4 '20 or more'.

NUMERIC Othrs(F3.0).
COMPUTE Othrs=MAX(HlpHrsI08g9, HlpHrsI09g9, HlpHrsI10g9, HlpHrsI11g9, HlpHrsI12g9, HlpHrsI13g9,
HlpHrsI15g9, HlpHrsI16g9, HlpHrsI17g9, HlpHrsI18g9, HlpHrsI19g9, HlpHrsI20g9 ).
VARIABLE LABELS Othrs '(D) Grouped, hours of help provided in the last week by other family member who
helped the most (9 groups)'.
VALUE LABELS Othrs
-8 "Don't Know"
-1 "Not applicable"
1 "No help in the last week"
2 "Less than one hour"
3 "1-4 hours"
4 "5-9 hours"
5 "10-19 hours"
6 "20-34 hours"
7 "35-49 hours"
8 "50-99 hours"
9 "100 hours or more".

NUMERIC OtMost (F3.0).
compute otmost=-1.
```

```
if othrs=HlpHrsI20g9 otmost=12.
if othrs=HlpHrsI19g9 otmost=11.
if othrs=HlpHrsI18g9 otmost=10.
if othrs=HlpHrsI17g9 otmost=9.
if othrs=HlpHrsI16g9 otmost=8.
if othrs=HlpHrsI15g9 otmost=7.
if othrs=HlpHrsI13g9 otmost=6.
if othrs=HlpHrsI12g9 otmost=5.
if othrs=HlpHrsI11g9 otmost=4.
if othrs=HlpHrsI10g9 otmost=3.
if othrs=HlpHrsI09g9 otmost=2.
if othrs=HlpHrsI08g9 otmost=1.
if othrs=-1 otmost=-1.
VARIABLE LABELS OTmost '(D) Other familly member who provided most hours of care'.
VALUE LABELS OTmost
 1 'Grandchild 1'
 2 'Grandchild 2'
 3 'Grandchild 3'
 4 'Brother/sister 1'
 5 'Brother/sister 2'
 6 'Brother/sister 3'
 7 'Niece/nephew 1'
 8 'Niece/nephew 2'
 9 'Niece/nephew 3'
 10 'Parent'
 11'Other parent'
 12 'Other family member'.
```

FNHR6: (D) Grouped, hours of help provided in the last week by other family member who helped the most (6 groups, 50+)

    1   No help
    2   <1 hour
    3   1-9
    4   10-19
    5   20-49
    6   50+

FNHR10: (D) Grouped, hours of help provided in the last week by other family member who helped the most (4 groups, 10+)

    1   No help
    2   <1 hour
    3   1-10
    4   10 or more

FNHR20: (D) Grouped, hours of help provided in the last week by other family member who helped the most (4 groups, 20+)

    1   No help
    2   <1 hour
    3   1-19
    4   20 or more

FNHRS: (D) Grouped, hours of help provided in the last week by other family member who helped the most (9 groups)

    -8 Don't Know
    -1 Not applicable
     1 No help in the last week
     2 Less than one hour
     3 1-4 hours
     4 5-9 hours
     5 10-19 hours
     6 20-34 hours
     7 35-49 hours
     8 50-99 hours
     9 100 hours or more.

FNMOST: (D) Other family member who provided most hours of care

    1 Friend 1
    2 Friend 2
    3 Friend 3
    4 Neighbour 1
    5 Neighbour 2
    6 Neighbour 3

SPSS Syntax

```
NUMERIC FNhr6 (F3.0).
```

```
COMPUTE FNhr6=-99.
EXECUTE.
RECODE FNhrs (1=1) (2=2) (3 thru 4=3) (5=4) ( 6 thru 7 =5) (8 thru 9=6)(else=-1) into FNhr6.
VARIABLE LABELS FNhr6 '(D) Grouped, hours of help provided in the last week by friend or neighbour who
helped the most (6 groups, 50+)'.
VALUE LABELS FNhr6
 1 'No help'
 2 '<1 hour'
 3 '1-9'
 4 '10-19'
 5 '20-49'
 6 '50+'.

NUMERIC FNhr10 (F3.0).
COMPUTE FNhr10=-99.
EXECUTE.
RECODE FNhrs (1=1) (2=2) (3 thru 4=3) (5 thru 9=4)(else=-1) into FNhr10.
VARIABLE LABELS FNhr10 '(D) Grouped, hours of help provided in the last week by friend or neighbour who
helped the most (4 groups, 10+)'.
VALUE LABELS FNhr10
 1 'No help'
 2 '<1 hour'
 3 '1-10'
 4 '10 or more'.

NUMERIC FNhr20 (F3.0).
COMPUTE FNhr20=-99.
EXECUTE.
RECODE FNhrs (1=1) (2=2) (3 thru 5=3) (6 thru 9=4)(else=-1) into FNhr20.
VARIABLE LABELS FNhr20 '(D)Grouped, hours of help provided in the last week by friend or neighbour who
helped the most (4 groups, 20+)'.
VALUE LABELS FNhr20
 1 'No help'
 2 '<1 hour'
 3 '1-19'
 4 '20 or more'.

COMPUTE FNhrs=MAX(HlpHrsI21g9, HlpHrsI22g9, HlpHrsI23g9, HlpHrsI24g9, HlpHrsI25g9, HlpHrsI26g9 ).
VARIABLE LABELS FNhrs '(D) Grouped, hours of help provided in the last week by friend or neighbour who
helped the most (9 groups)'.
VALUE LABELS FNhrs
-8 "Don't Know"
-1 "Not applicable"
1 "No help in the last week"
2 "Less than one hour"
3 "1-4 hours"
4 "5-9 hours"
5 "10-19 hours"
6 "20-34 hours"
7 "35-49 hours"
8 "50-99 hours"
9 "100 hours or more".

NUMERIC FNmost (F3.0).
COMPUTE FNmost=-1.
if FNhrs=HlpHrsI26g9 FNmost=6.
if FNhrs=HlpHrsI25g9 FNmost=5.
if FNhrs=HlpHrsI24g9 FNmost=4.
if FNhrs=HlpHrsI23g9 FNmost=3.
if FNhrs=HlpHrsI22g9 FNmost=2.
if FNhrs=HlpHrsI21g9 FNmost=1.
IF FNhrs=-1 FNmost=-1.
VARIABLE LABELS FNmost 'Other friend or neighbour who provided most hours of care'.
VALUE LABELS FNmost
 1 'Friend 1'
 2 'Friend 2'
 3 'Friend 3'
 4 'Neighbour 1'
 5 'Neighbour 2'
 6 'Neighbour 3'.
```

HCHR6: (D) Home care worker hours of help (grouped)

1   No help
2   <1 hour
3   1-9
4   10-19
5   20-49
6   50+

HCHR10: (D) Home care worker 10+ hours of help

1   No help
2   <1 hour

3   1-10
4   10 or more

HCHR20: (D) Home care worker 20+ hours of help
1   No help
2   <1 hour
3   1-19
4   20 or more

HCMOST: (D) Home care worker who gave most hours of care
1 Home care worker 1
2 Home care worker 2
3 Home care worker 3

HCHRS1: (D) Hours of help provided in the last week by home care worker who helped the most
1 Home care worker 1
2 Home care worker 2
3 Home care worker 3

HCHRS: (D) Grouped hours of help, for home care workers who helped the most
1 No help
2 <1 hour
3 1-4
4 5-9
5 10-19
6 20-34
7 35-49
8 50-99
9 100 hours or more.

SPSS Syntax

```
NUMERIC HCHr6 (F3.0).
COMPUTE HCHr6=-99.
EXECUTE.
recode HCHrs (1=1) (2=2) (3 thru 4=3) (5=4) ( 6 thru 7 =5) (8 thru 9=6) (-8=-8)(else=-1) into HCHr6.
Variable labels HCHr6 '(D) Home care worker hours of help (grouped)'.
value labels HCHr6
 1 'No help'
 2 '<1 hour'
 3 '1-9'
 4 '10-19'
 5 '20-49'
 6 '50+'.

NUMERIC HCHr10 (F3.0).
COMPUTE HCHr10=-99.
EXECUTE.
recode HCHrs (1=1) (2=2) (3 thru 4=3) (5 thru 9=4) (-8=-8) (else=-1)into HCHr10.
variable labels HCHr10 '(D) Home care worker 10+ hours of help'.
value labels HCHr10
 1 'No help'
 2 '<1 hour'
 3 '1-9'
 4 '10 or more'.

NUMERIC HCHr20 (F3.0).
COMPUTE HCHr20=-99.
EXECUTE.
recode HCHrs (1=1) (2=2) (3 thru 5=3) (6 thru 9=4) (-8=-8)(else=-1) into HCHr20.
variable labels HCHr20 '(D) Home care worker 20+ hours of help'.
value labels HCHr20
 1 'No help'
 2 '<1 hour'
 3 '1-19'
 4 '20 or more'.

COMPUTE HCmost=-1.
IF HCHrs1=Hrsform29 HCmost=3.
IF HCHrs1=Hrsform28 HCmost=2.
IF HCHrs1=Hrsform27 HCmost=1.
IF HCHrs1=-1 HCmost=-1.
VARIABLE LABELS HCmost '(D) Home care worker who gave most hours of care'.
VALUE LABELS HCmost
 1 'Home care worker 1'
 2 'Home care worker 2'
 3 'Home care worker 3'.
```

```
COMPUTE HCHrs1=MAX(Hrsform27, Hrsform28, Hrsform29).
VARIABLE LABELS HCHrs1 "(D) Hours of help provided in the last week by home care worker who helped the
most".
*COMPUTE HCmost=-1.
IF HCHrs1=Hrsform29 HCmost=3.
IF HCHrs1=Hrsform28 HCmost=2.
IF HCHrs1=Hrsform27 HCmost=1.
IF HCHrs1=-1 HCmost=-1.
VARIABLE LABELS HCmost '(D) Home care worker who gave most hours of care'.
VALUE LABELS HCmost
 1 'Home care worker 1'
 2 'Home care worker 2'
 3 'Home care worker 3'.

NUMERIC HCHrs (F3.0).
COMPUTE HCHrs=-99.
EXECUTE.
RECODE HCHrs1 (100 thru Hi=9) (50 thru 100=8) (35 thru 50=7) (20 thru 35=6) (10 thru 20=5) (5 thru 10=4)
(1 thru 5=3) (0.01 thru 1=2)(0=1)
(-8=-8) (else=-1) into HCHrs.
VARIABLE LABELS HCHrs '(D) Grouped hours of help, for home care worker who helped the most'.
value labels HCHrs
1 'No help'
2 '<1 hour'
3 '1-4'
4 '5-9'
5 '10-19'
6 '20-34'
7 '35-49'
8 '50-99'
9 '100 hours or more'.
```

GRPHRS6: (D) Grouped hours provided(for care receipient for whom most hours provided)

    1 'No help'
    2 'less then 1hr'
    3 '1-9'
    4 '10-19'
    5 '20-49'
    6 '50 or more'

SPSS Syntax

```
Numeric grphrs6 (F2.0).
Compute grphrs6=99.
IF ProvHlp = -1 grphrs6 = -1.
IF Any(-8, prhours, prhours2, prhours4) grphrs6 = -8.
IF Any(-9, prhours, prhours2, prhours4) grphrs6 = -9.
IF Any(-1, prhours, prhours2, prhours4) grphrs6 = -1.
IF prhours=1 or prhours2=1 or prhours4=1 grphrs6=1.
if prhours=2 or prhours2=2 or prhours4=2 grphrs6=2.
if prhours=3 or prhours=4 or prhours2=3 or prhours2=4 or prhours4=3 or prhours4=4 grphrs6=3.
if prhours=5 or prhours2=5 or prhours4=5 grphrs6=4.
if prhours=6 or prhours=7 or prhours2=6 or prhours2=7 or prhours4=6 or prhours4=7 grphrs6=5.
if prhours=8 or prhours=9 or prhours2=8 or prhours2=9 or prhours4=8 or prhours4=9 grphrs6=6.
var lab grphrs6 '(D) Grouped hours provided(for care receipient for whom most hours provided)'.
VALUE LABELS grphrs6 1 'No help' 2 'less then 1hr' 3 '1-9' 4 '10-19' 5 '20-49' 6 '50 or more' -1 'Not
applicable' -8 "Don't know" -9 'Refused'.
FREQUENCIES grphrs6.
```

GRPHRS10: (D) 10+ hours provided (for care recipient for whom most hours provided)

    1 'No hours'
    2 '1-10 hours'
    3 '10 or more hours'

SPSS Syntax

```
RECODE grphrs6 (1=1) (2 thru 3=2) (4 thru 6=3) (Else = Copy) into grphrs10.
var labs grphrs10 '10+ hours provided (for care recipient for whom most hours provided)'.
VALUE LABELS grphrs10 1 'No hours' 2 '1-10 hours' 3 '10 or more hours'.
FREQUENCIES grphrs10.
```

GRPHRS20: (D) 20+ hours provided (for care recipient for whom most hours provided)

    1 'No hours'
    2 '1-19 hours'
    3 '20 or more hours'

SPSS Syntax

```
recode grphrs6 (1=1) (2 thru 4=2) (5 thru 6=3) (Else = Copy) into grphrs20.
var labs grphrs20 '20+ hours provided (for care recipient for whom most hours provided)'.
VALUE LABELS grphrs20 1 'No hours' 2 '1-19 hours' 3 '20 or more hours'.
FREQUENCIES grphrs20.
```

Carer's Tasks

MEDICINE: (D) Helped with task : medicine
    0   Not mentioned
    1   Mentioned

```
SPSS Syntax

compute medicine=99.
if mosthrs=1 medicine=prtask7.
if mosthrs=2 medicine=prtask20.
if mosthrs=3 medicine=prtask33.
if mosthrs <1 medicine=mosthrs.
value labels medicine 0 'Not mentioned' 1 'Mentioned'.
fre medicine.
```

BATH: (D) Helped with task : bathing
    0   Not mentioned
    1   Mentioned

```
SPSS Syntax

compute bath=99.
if mosthrs=1 bath=prtask3.
if mosthrs=2 bath=prtask16.
if mosthrs=3 bath=prtask29.
if mosthrs <1 bath=mosthrs.
value labels bath 0 'Not mentioned' 1 'Mentioned'.
fre bath.
```

DRESS: (D) Helped with task : dressing
    0   Not mentioned
    1   Mentioned

```
SPSS Syntax

compute dress=99.
if mosthrs=1 dress=prtask4.
if mosthrs=2 dress=prtask17.
if mosthrs=3 dress=prtask30.
if mosthrs <1 dress=mosthrs.
value labels dress 0 'Not mentioned' 1 'Mentioned'.
fre dress.
```

BED: (D) Helped with task: bed
    0   Not mentioned
    1   Mentioned

```
SPSS Syntax

compute bed=99.
if mosthrs=1 bed=prtask1.
if mosthrs=2 bed=prtask14.
if mosthrs=3 bed=prtask27.
if mosthrs <1 bed=mosthrs.
value labels bed 0 'Not mentioned' 1 'Mentioned'.
freq bed.
```

INDOORS: (D) Helped with task: indoors
    0   Not mentioned
    1   Mentioned

```
SPSS Syntax

compute indoors=99.
if mosthrs=1 indoors=prtask8.
if mosthrs=2 indoors=prtask21.
if mosthrs=3 indoors=prtask34.
if mosthrs <1 indoors=mosthrs.
value labels indoors 0 'Not mentioned' 1 'Mentioned'.
fre indoors.
```

STAIRS: (D) Helped with task: stairs
    0 Not mentioned
    1 Mentioned

```
SPSS Syntax

compute stairs=99.
if mosthrs=1 stairs=prtask9.
if mosthrs=2 stairs=prtask22.
if mosthrs=3 stairs=prtask35.
if mosthrs <1 stairs=mosthrs.
value labels stairs 0 'Not mentioned' 1 'Mentioned'.
fre stairs.
```

EAT: (D) Helped with task: eating
    0 Not mentioned
    1 Mentioned

```
SPSS Syntax

compute eat=99.
if mosthrs=1 eat=prtask6.
if mosthrs=2 eat=prtask19.
if mosthrs=3 eat=prtask32.
if mosthrs <1 eat=mosthrs.
value labels eat 0 'Not mentioned' 1 'Mentioned'.
fre eat.
```

TOILET: (D) Helped with task: toilet
    0 Not mentioned
    1 Mentioned

```
SPSS Syntax

compute toilet=99.
if mosthrs=1 toilet=prtask5.
if mosthrs=2 toilet=prtask18.
if mosthrs=3 toilet=prtask31.
if mosthrs <1 toilet=mosthrs.
value labels toilet 0 'Not mentioned' 1 'Mentioned'.
fre toilet.
```

WASH: (D) Helped with task: washing
    0 Not mentioned
    1 Mentioned

```
SPSS Syntax

compute wash=99.
if mosthrs=1 wash=prtask2.
if mosthrs=2 wash=prtask15.
if mosthrs=3 wash=prtask28.
if mosthrs <1 wash=mosthrs.
*fre wash.
value labels wash 0 'Not mentioned' 1 'Mentioned'.
fre wash.
```

SHOP: (D) Helped with task: shopping
    0 Not mentioned
    1 Mentioned

```
SPSS Syntax

compute shop=99.
if mosthrs=1 shop=prtask11.
if mosthrs=2 shop=prtask24.
if mosthrs=3 shop=prtask37.
if mosthrs <1 shop=mosthrs.
value labels shop 0 'Not mentioned' 1 'Mentioned'.
fre shop.
```

HWORK: (D) Helped with task: housework
    0 Not mentioned
    1 Mentioned

```
SPSS Syntax
compute hwork=99.
```

```
if mosthrs=1 hwork=prtask12.
if mosthrs=2 hwork=prtask25.
if mosthrs=3 hwork=prtask38.
if mosthrs <1 hwork=mosthrs.
value labels hwork 0 'Not mentioned' 1 'Mentioned'.
fre hwork.
```

OUTHOU: (D) Helped with task: getting out of the house
    0 Not mentioned
    1 Mentioned

SPSS Syntax

```
compute outhou=99.
if mosthrs=1 outhou=prtask10.
if mosthrs=2 outhou=prtask23.
if mosthrs=3 outhou=prtask36.
if mosthrs <1 outhou=mosthrs.
value labels outhou 0 'Not mentioned' 1 'Mentioned'.
fre outhou.
```

PWORK: (D) Helped with task: paperwork
    0 Not mentioned
    1 Mentioned

SPSS Syntax

```
compute pwork=99.
if mosthrs=1 pwork=prtask13.
if mosthrs=2 pwork=prtask26.
if mosthrs=3 pwork=prtask39.
if mosthrs <1 pwork=mosthrs.
fre pwork.
value labels pwork 0 'Not mentioned' 1 'Mentioned'.
```

Carer's Health

EMPNOTAFF: (D) Employment not affected
    0 Not mentioned
    1 Employed
    2 Unemployed
    3 Retired

SPSS Syntax

```
Numeric empnotaff (F2.0).
Compute empnotaff=99.
IF econact<0 empnotaff=econact.
if hlthemp8 =-8 empnotaff=-8.
if hlthemp8 =-9 empnotaff=-9.
IF hlthemp8=0 empnotaff=0.
IF hlthemp8=-1 empnotaff=-1.
IF econact=1 and hlthemp8=1 empnotaff=1.
IF (econact=2 or econact=4) and hlthemp8=1 empnotaff=2.
IF econact=3 and hlthemp8=1 empnotaff=3.
val lab empnotaff 0 'Not mentioned' 1 'Employed' 2 'Unemployed' 3 'Retired'.
var lab empnotaff 'Employment not affected'.
fre empnotaff.
```