Scottish Health Survey

2021

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Variable List

Introduction

This document is the most sensible starting point to analysing the SHeS data, as it categorises all the variables stored on the dataset. 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. Users should not rely on variable or value labels within the dataset to convey full information about how questions were worded.

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

HHold	Household CAPI Questionnaire – the set of questions about the household, answered by the House Representative Person (HRP) and copied into the data for each household member
Indiv	Individual CAPI Questionnaire
SC …	Self-Completion Booklet: SC 13-15, SC YA, SC A, SC P4-12 or where a question appears in more than one booklet the range is widened (e.g. SC 13-15, SC 13+, SC 16+). In 2021, there were two versions of the young adult and adult self-completion questionnaires, Version A and Version B. Version A did not include the CISR questions. The self-completion questionnaire could also be completed online. Where the source indicates SC, the variables are the paper and online self-completion questions combined.
Derived	A variable created from other variables, and detailed in the Derived Variable Specification document Some Derived Variables are automatically derived from other variables in the course of the CAPI Questionnaire, and so are not detailed in the Derived Variable Specification document

Major changes to the questionnaire, or to the way that summary variables have been derived, that could affect time series analysis are noted in the user guide and technical report for 2021. You should refer to these documents because there were significant changes to the interviewing mode and to some survey questions. Other information is also provided at the start of the smoking and drinking sections to explain the process through which the data for the questions asked in the self-completion and interview are combined.

Household

HHSize10	(D) Household Size recoded 10+	Derived
Hholder	Is this person mentioned at Hhlder	Hhold
HHldr1	Accommodation owned/rented by person 1	Hhold
HHldr2	Accommodation owned/rented by person 2	Hhold
HHldr3	Accommodation owned/rented by person 3	Hhold
HHldr4	Accommodation owned/rented by person 4	Hhold
HHldr5	Accommodation owned/rented by person 5	Hhold
HHldr6	Accommodation owned/rented by person 6	Hhold
HHldr7	Accommodation owned/rented by person 7	Hhold
HHldr8	Accommodation owned/rented by person 8	Hhold
HHldr9	Accommodation owned/rented by person 9	Hhold
HHldr10	Accommodation owned/rented by person 10	Hhold
HHldr97	Accommodation owned/rented by someone outside household	Hhold
OwnRnt08	Household tenure	Hhold
LandLord2	(D) Who is your landlord (recoded)	Derived
Car3	(D) Number of cars 3+	Derived
PasSm	Whether anybody smokes inside accommodation	Hhold
SmokHm	What best describes the smoking rules in this house/flat	Hhold
EatTog	Times in the last week people in this household ate main meal together	Hhold
hhdtypb	(D) Household Type	Derived
hhdtypb2	(D) Household Type – Harmonised	Derived

Individual

Sex	Sex of respondent	Hhold
IOut	Final individual outcome code	Indiv
NCOutcome	NatCen outcome (CAWI)	Indiv
Age	Age of respondent	Indiv
ag16g10	(D) Age 16+ in 10 year bands	Derived
ag16g3	(D) Age 16+ in 3 groups	Derived
ag16g4	(D) Age 16+ in 4 groups	Derived
age65	(D) Age 16-64, 65+	Derived
ag015g2	(D) Age 0-15 in 2 year bands	Derived
ag215g3	(D) Age 2-15: Approximate 3 year age bands	Derived
ag415g3	(D) Age 4-15: 3 year age bands	Derived
ag515g3	(D) Age 5-15: Approximate 3 year age bands	Derived
ag715g3	(D) Age 7-15: 3 year age bands	Derived
comp95	(D) Adults aged 16-64	Derived
comp98	(D) Adults aged 16-74/children 2-15	Derived
Resptyp	(D) Respondent category	Derived
ag215gPA	(D) Age grouped for children's PA tables	Derived
ag015g3	(D) Children's age groups for smoking tables	Derived

ag015g4	(D) Child's age 4 groups (0-3, 4-7, 8-11, 12-15)	Derived
ag415g4	(D) Child's age 3 groups (4-7, 8-11, 12-15)	Derived
age412g	(D) Children aged 4 to 12 grouped	Derived
ag412g3	(D) Child's age 3 groups (4-6, 7-9, 10-12)	Derived
age1315	(D) Age 13-15: 1 year age bands	Derived
age412gb	(D) Age 4-12: 4 age bands	Derived
ageBMI	(D) Child age groups for BMI tables	Derived
Smkage	(D) Age banded for smoking table (18+)	Derived
Ag16g2	(D) Age 16+ in 2 groups	Derived
CpserialA	Archived dataset serial number of Individual	Indiv
chhserialA	Archived dataset serial number of Household	Indiv

Admin

SYear	(D) Survey year	Sample
Stype12	Sample type (Core/Bio/Boost)	Sample
Main	Main sample household	Sample
Boost	Boost sample household	Sample
Sample	Sample type (A/B)	Sample
Imode	Individual interview mode	Indiv
Person	Person number in household grid	Hhold
HRPID	Household Reference Person identifier	Hhold
HHResp	Who answers hhold grid	Hhold
HQResp	Status of person answering household grid	Hhold
HiHNum	Person number of highest income earner	Hhold
JntEldA	Person number of eldest highest income earner	Hhold
JntEldB	Person number of eldest householder	Hhold
DVHRPNum	Person number of household reference person	Hhold
AdResp	Who is answering on behalf of child	Hhold
bio	(D) iBio sample household	Derived
vera	(D) Whether VERA sample	Derived
FolResA	Whether willing to have name, contact details and relevant answers passed on to the Scottish Government or other research agencies	Indiv

Self-completion admin

Bookchk	Type of self completion	Indiv
SCType	Self-completion questionnaire type	Indiv
SCIntAd	Self completion - online or paper version (16+)	Indiv
SCInt13	Self completion - online or paper version (13-15)	Indiv
SCInt412	Self completion - online or paper version (4-12)	Indiv
SCRef1	Self completion refusal: Eyesight problems	Indiv
SCRef2	Self completion refusal: Language problems	Indiv
SCRef3	Self completion refusal: Reading/writing/comprehension problems	Indiv
SCRef4	Self completion refusal: Respondent bored/fed up/tired	Indiv

SCRef5	Self completion refusal: Questions too sensitive/invasion of privacy	Indiv
SCRef6	Self completion refusal: Too long/too busy/taken long enough already	Indiv
SCRef7	Self completion refusal: Refused to complete (no other reason given)	Indiv
SCRef8	Self completion refusal: Other	Indiv
SCPost	Prepare Colour self-completion booklet	Indiv
ParSDQ	SC: Person number of parent completing 4-12 booklet	Indiv
SCPostP	Prepare booklet for parents of children 4-12	Indiv
TypeSC	Type of S/C questionnaire	Indiv
booklet	(D) Which self-completion booklet respondent should have had	Derived

Relationships

Couple2	(D) Whether living together as a couple (recoded)	Derived
LegPar	Legal parents in household	Indiv
Par1	Person number of legal parent 1	Indiv
Par2	Person number of legal parent 2	Indiv
Ra	(D) Relationship to person 1 (recoded)	Derived
R2a	(D) Relationship to person 2 (recoded)	Derived
R3a	(D) Relationship to person 3 (recoded)	Derived
R4a	(D) Relationship to person 4 (recoded)	Derived
R5a	(D) Relationship to person 5 (recoded)	Derived
R6a	(D) Relationship to person 6 (recoded)	Derived
R7a	(D) Relationship to person 7 (recoded)	Derived
R8a	(D) Relationship to person 8 (recoded)	Derived
LiveWith	Cohabitee	Hhold
PaInHH	Father living in household	Derived (CAPI)
MaInHH	Mother living in household	Derived (CAPI)
maritalg	(D) Marital status – grouped	Derived

Sample Info

Note: there are 2 versions of the SIMD quintile variable

- SIMD20_RP runs from 1=least deprived (labelled '5th - least deprived') to 5=most deprived (labelled '1st – most deprived')
- SIMD20_SG runs from 1=most deprived to 5=least deprived and reflects the Scottish Government harmonised labels for SIMD
- SIMD20_RP, SIMD20_SG and Urbrur2 have been recoded for archived datasets.

Urbrur2a_20	(D) Scottish Government urban-rural (2020) - binary (recoded for archive)	Derived
SIMD20_RPa	(D) SIMD 2020 quintiles - as used in report tables (recoded for archive)	Derived
SIMD20_SGa	(D) SIMD 2020 quintiles - SG harmonised (recoded for archive)	Derived
HBCode	Health Board Code	Sample

Weighting

psu	PSU	Indiv
strata	Strata	Indiv
int21wt	Individual weight after calibration	Indiv
cint21wt	Child weight after calibration	Indiv
bio21wt	iBio weight after calibration	Indiv
vera21wt	Version A weight after calibration	Indiv
cmint21wt	Child main sample weight after calibration	Indiv
cvera21wt	Child Version A weight after calibration	Indiv
SHeS_Intake24_wt_sc	Intake24 weight (scaling weight)	Indiv

Local area

This set of questions, introduced in 2012 and updated in 2018, were answered by the HRP and, because they are the opinion of that individual, are not copied into the records of the other household members

LiveArea	Number of years lived in local area	Hhold
CrimArea	How much would you say the crime rate in your local area has changed since two years ago	Hhold
LocSrSat	Overall, how satisfied or dissatisfied are you with each of these services	Hhold
LocHealt	Satisfied or dissatisfied: Local health services	Hhold
SocWork	Satisfied or dissatisfied: Social care or social work services	Hhold
Transprt	Satisfied or dissatisfied: Public transport	Hhold
StrtCln	Satisfied or dissatisfied: Street cleaning	Hhold
LocSchol	Satisfied or dissatisfied: Local schools	Hhold
RefColl	Satisfied or dissatisfied: Refuse collection	Hhold
SportLei	Satisfied or dissatisfied: Council sports and leisure facilities	Hhold
Librar	Satisfied or dissatisfied: Council libraries	Hhold
MusGall	Satisfied or dissatisfied: Council museums and galleries	Hhold
ParkSpa	Satisfied or dissatisfied: Council parks and open spaces	Hhold

General Health

Self-assessed health & life satisfaction

GenHelf	Self-assessed general health	Indiv
LifeSat	How satisfied with life as a whole nowadays	Indiv
genhelf2	(D) Self-assessed general health - grouped	Derived
lifesat2	(D) Life satisfaction (grouped)	Derived

Longstanding illness

longill12	Whether has longstanding illness	Indiv
IllCode1	Code for longstanding illness 1	Indiv
IllCode2	Code for longstanding illness 2	Indiv

IllCode3	Code for longstanding illness 3	Indiv
IllCode4	Code for longstanding illness 4	Indiv
IllCode5	Code for longstanding illness 5	Indiv
IllCode6	Code for longstanding illness 6	Indiv
More1	Any other physical or mental health condition or illness [1]	Indiv
More2	Any other physical or mental health condition or illness [2]	Indiv
More3	Any other physical or mental health condition or illness [3]	Indiv
More4	Any other physical or mental health condition or illness [4]	Indiv
More5	Any other physical or mental health condition or illness [5]	Indiv
LimitAc1	Activities limited due to illness 1	Indiv
LimitAc2	Activities limited due to illness 2	Indiv
LimitAc3	Activities limited due to illness 3	Indiv
LimitAc4	Activities limited due to illness 4	Indiv
LimitAc5	Activities limited due to illness 5	Indiv
LimitAc6	Activities limited due to illness 6	Indiv
HNotAsk	Any other health problem not previously mentioned	Indiv
compm1	(D) II Neoplasms & benign growths	Derived
compm2a	(D) III Diabetes	Derived
compm2b	(D) III Other endocrine & metabolic	Derived
compm3	(D) V Mental disorders	Derived
compm4	(D) VI Nervous System	Derived
compm5	(D) VI Eye complaints	Derived
compm6	(D) VI Ear complaints	Derived
compm7a	(D) VII Stroke	Derived
compm7b	(D) VII MI / angina	Derived
compm7c	(D) VII Hypertension	Derived
compm7d	(D) VII Other heart problems	Derived
compm7e	(D) VII Other circulatory system	Derived
compm8	(D) VIII Respiratory system	Derived
compm9	(D) IX Digestive system	Derived
compm10	(D) X Genito-urinary system	Derived
compm11	(D) XII Skin complaints	Derived
compm12	(D) XIII Musculoskeletal system	Derived
compm13	(D) I Infectious Disease	Derived
compm14	(D) IV Blood & related organs	Derived
compm15	(D) Other complaints	Derived
compm17	(D) No long-standing Illness	Derived
compm18	(D) No longer present	Derived
compm99	(D) Unclassified / NLP / inadequate	Derived
HBP_UD	(D) Undeclared hypertension	Derived
DIA_UD	(D) Undeclared diabetes	Derived
condcnt15	(D) Number of grouped conditions	Derived
condct15a	(D) Number of conditions inc additional HBP & diabetes cases	Derived
condct15b	(D) Number of grouped conditions (all those with illness)	Derived

cond15ag	(D) Number of grouped conditions - 4 plus (with additional HBP/ Diabetes cases)	Derived
cond15ag2	(D) Number of grouped conditions - 2 plus (with additional HBP/ Diabetes cases)	Derived
condphy15	(D) Number of physical conditions excluding mental health – 1+ conditions	Derived
limitill	(D) Limiting longstanding illness	Derived
limitac_H	(D) Whether any LTC limits activities - harmonised version	Derived

Caring

RG15aNew	Do you provide any regular help or care for any sick, disabled or frail person	Indiv
RG16a	Who is it that you provide regular help or care for (1)	Indiv
RG16b	Who is it that you provide regular help or care for (2)	Indiv
RG16c1	Provides help or care outside home for parent/parent-in-law	Indiv
RG16c2	Provides help or care outside home for other relative	Indiv
RG16c3	Provides help or care outside home for friend/neighbour	Indiv
RG16c4	Provides help or care outside home for other person	Indiv
RG17aNew	How many hours do you spend each week providing help or unpaid care for (him/her/them)	Indiv
RG18	Length of time providing care	Indiv
RG191	Caring impact on employment: unable to take up work	Indiv
RG192	Caring impact on employment: worked fewer hours	Indiv
RG193	Caring impact on employment: reduced responsibility at work	Indiv
RG194	Caring impact on employment: flexible employment agreed	Indiv
RG195	Caring impact on employment: changed to work at home	Indiv
RG196	Caring impact on employment: reduced promotion opportunities	Indiv
RG197	Caring impact on employment: took new job	Indiv
RG198	Caring impact on employment: left work altogether	Indiv
RG199	Caring impact on employment: took early employment	Indiv
RG1910	Caring impact on employment: other	Indiv
RG1911	Caring impact on employment: not affected / never had job	Indiv
RG201	Caring support received (16+): short breaks / respite care	Indiv
RG202	Caring support received (16+): advice and information	Indiv
RG203	Caring support received (16+): practical support (e.g. transport, equipment)	Indiv
RG204	Caring support received (16+): counselling / emotional support	Indiv
RG205	Caring support received (16+): training & learning	Indiv
RG206	Caring support received (16+): advocacy services	Indiv
RG207	Caring support received (16+): personal assistant/support worker/community nurse/home help	Indiv
RG208	Caring support received (16+): help from family / friends	Indiv
RG209	Caring support received (16+): carer's allowance	Indiv
RG2010	Caring support received (16+): other	Indiv
RG2011	Caring support received (16+): none	Indiv
RG20b1	Caring support received (<16): short breaks / respite care	Indiv
RG20b2	Caring support received (<16): advice and information	Indiv

RG20b3	Caring support received (<16): practical support (e.g. transport, equipment)	Indiv
RG20b4	Caring support received (<16): counselling / emotional support	Indiv
RG20b5	Caring support received (<16): befriender / peer mentor	Indiv
RG20b6	Caring support received (<16): advocacy services	Indiv
RG20b7	Caring support received (<16): personal assistant/support worker/community nurse/home help	Indiv
RG20b8	Caring support received (<16): help from family / friends	Indiv
RG20b9	Caring support received (<16): help from teachers at school	Indiv
RG20b10	Caring support received (<16): social activities e.g. young carers' group	Indiv
RG20b11	Caring support received (<16): other	Indiv
RG20b12	Caring support received (<16): none	Indiv
RG1735hr	(D) Caring 35 hours or more per week	Derived
RG20c1	(D) Caring support received (16+ and <16 combined): Short breaks or respite e.g. day time breaks, overnight breaks	Derived
RG20c2	(D) Caring support received (16+ and <16 combined): Advice and information	Derived
RG20c3	(D) Caring support received (16+ and <16 combined): Practical support e.g. transport, equipment/adaptations	Derived
RG20c4	(D) Caring support received (16+ and <16 combined): Counselling or emotional support / talking to someone for support, e.g. family member, friend	Derived
RG20c5	(D) Caring support received (16+ and <16 combined): Training and learning / having a befriender or a peer mentor	Derived
RG20c6	(D) Caring support received (16+ and <16 combined): Advocacy services	Derived
RG20c7	(D) Caring support received (16+ and <16 combined): Personal assistant/ support worker/ community nurse/ home help	Derived
RG20c8	(D) Caring support received (16+ and <16 combined): Help from family, friends or neighbours	Derived
RG20c9	(D) Caring support received: Help from teachers at school, e.g. talking or extra help with homework (4-15 only)	Derived
RG20c10	(D) Caring support received: Social activities and support, e.g. young carers' groups or day trips (4-15 only)	Derived
RG20c11	(D) Caring support received: Carers allowance (16+ only)	Derived
RG20c12	(D) Caring support received (16+ and <16 combined): Other	Derived
RG20c13	(D) Caring support received (16+ and <16 combined): Receive no help or support	Derived

Wellbeing and mental health

GHQ12

GHQCONC	Able to concentrate	SC 13+
GHQSLEEP	Lost sleep over worry	SC 13+
GHQUSE	Felt playing useful part in things	SC 13+
GHQDECIS	Felt capable of making decisions	SC 13+
GHQSTRAI	Felt constantly under strain	SC 13+
GHQOVER	Felt couldn't overcome difficulties	SC 13+
GHQENJOY	Able to enjoy day-to-day activities	SC 13+
GHQFACE	Been able to face problems	SC 13+
GHQUNHAP	Been feeling unhappy and depressed	SC 13+

GHQCONFI	Been losing confidence in self	SC 13+
GHQWORTH	Been thinking of self as worthless	SC 13+
GHQHAPPY	Been feeling reasonably happy	SC 13+
ghq12scr	(D) GHQ Score - 12 point scale	Derived
GHQg2	(D) GHQ Score - grouped (0, 1-3, 4+)	Derived

WEMWBS

OPTIM	Been feeling optimistic about the future	SC 13+
USE	Been feeling useful	SC 13+
RELAX	Been feeling relaxed	SC 13+
INTREST	Been feeling interested in other people	SC 13+
ENERGY	I've had energy to spare	SC 13+
DEAL	Been dealing with problems well	SC 13+
THINK	Been thinking clearly	SC 13+
GOOD	Been feeling good about myself	SC 13+
CLOSE	Been feeling close to other people	SC 13+
CONFID2	Been feeling confident	SC 13+
MIND	Been able to make up my own mind about things	SC 13+
LOVE	Been feeling loved	SC 13+
INTRST2	Been interested in new things	SC 13+
CHEER	Been feeling cheerful	SC 13+
wemwbs	(D) WEMWBS score	Derived

Strengths and Difficulties Questionnaire (4-12 years)

SDQFEEL	Q1 Considerate of other people's feelings	SC P4-12
SDQHYPER	Q2 Restless, overactive, cannot stay still for long	SC P4-12
SDQACHES	Q3 Often complains of headaches, stomach-aches or sickness	SC P4-12
SDQSHARE	Q4 Shares readily with other children (treats, toys, pencils etc.)	SC P4-12
SDQTEMPR	Q5 Often has temper tantrums or hot tempers	SC P4-12
SDQALONE	Q6 Rather solitary, tends to play alone	SC P4-12
SDQOBEYS	Q7 Generally obedient, usually does what adults request	SC P4-12
SDQWORRY	Q8 Many worries, often seems worried	SC P4-12
SDQHELP	Q9 Helpful if someone is hurt, upset or feeling ill	SC P4-12
SDQFIDGT	Q10 Constantly fidgeting or squirming	SC P4-12
SDQPAL	Q11 Has at least one good friend	SC P4-12
SDQFIGHT	Q12 Often fights with other children or bullies them	SC P4-12
SDQSAD	Q13 Often unhappy, down-hearted or tearful	SC P4-12
SDQLIKED	Q14 Generally liked by other children	SC P4-12
SDQDAZE	Q15 Easily distracted, concentration wanders	SC P4-12
SDQCLING	Q16 Nervous or clingy in new situations, easily loses confidence	SC P4-12
SDQKIND	Q17 Kind to younger children	SC P4-12
SDQLIES	Q18 Often lies or cheats	SC P4-12

SDQBULLD	Q19 Picked on or bullied by other children	SC P4-12
SDQVOLS	Q20 Often volunteers to help others (parents, teachers, other children)	SC P4-12
SDQTHINK	Q21 Thinks things out before acting	SC P4-12
SDQSTEAL	Q22 Steals from home, school or elsewhere	SC P4-12
SDQADULT	Q23 Gets on better with adults than with other children	SC P4-12
SDQFEARS	Q24 Many fears, easily scared	SC P4-12
SDQTEND	Q25 Sees tasks through to the end, good attention span	SC P4-12
SDQDiff	Child has difficulties in one or more of the following areas: emotions, concentration, behaviour or getting on with other people	SC P4-12
SDQDDur	How long have these difficulties been present	SC P4-12
SDQDDist	Difficulties upset or distress your child	SC P4-12
SDQDHome	Difficulties interfere with your child's everyday home life	SC P4-12
SDQDFrnd	Difficulties interfere with your child's everyday friendships	SC P4-12
SDQDClss	Difficulties interfere with your child's everyday classroom learning	SC P4-12
SDQDLeis	Difficulties interfere with your child's everyday leisure activities	SC P4-12
SDQDBurd	Difficulties put a burden on you or the family as a whole	SC P4-12
sdq_pro	(D) SDQ Prosocial Dimension Score	Derived
sdq_hyp	(D) SDQ Hyperactivity Dimension Score	Derived
sdq_emo	(D) SDQ Emotional Symptoms Dimension Score	Derived
sdq_con	(D) SDQ Conduct Disorder Dimension Score	Derived
sdq_pee	(D) SDQ Peer Problems Dimension Score	Derived
sdq_tot	(D) SDQ Total Dimension Score (excluding Prosocial)	Derived
sdq_prog	(D) SDQ Prosocial behaviour dimension (grouped 6-10, 5, 0-4)	Derived
sdq_hypg	(D) SDQ Hyperactivity dimension (grouped 0-5, 6, 7-10)	Derived
sdq_emog	(D) SDQ Emotional Symptoms dimension (grouped 0-3, 4, 5-10)	Derived
sdq_cong	(D) SDQ Conduct Disorder dimension (grouped 0-2, 3, 4-10)	Derived
sdq_peeg	(D) SDQ Peer problems dimension (grouped 0-2, 3, 4-10)	Derived
sdq_totg	(D) SDQ Total dimension (grouped 0-13, 14-16, 17-40)	Derived
SDQ_totg2	(D) SDQ Total dimension (grouped 0-13, 14-40)	Derived

CISR

In 2021, the CISR questions were asked of young adults and adults completing Version B of the online or paper self-completion questionnaires.

Clinical Interview Schedule: Depression questionnaire

G1SC	CISR - DEPRESSION Felt depressed in the past month (SC)	SC YA/A
G2SC	CISR - DEPRESSION Able to enjoy/take interest in things as much as usual in past month (SC)	SC YA/A
G4SC	CISR - DEPRESSION Felt depressed in the past week (SC)	SC YA/A
G5SC	CISR - DEPRESSION Able to enjoy/take interest in things as much as usual in past week (SC)	SC YA/A
G6SC	CISR - DEPRESSION Number of days in past week felt depressed (SC)	SC YA/A
G7SC	CISR - DEPRESSION Felt depressed for more than 3 hours in total on any day in the past 7 days (SC)	SC YA/A

G9SC	CISR - DEPRESSION Felt happier if nice thing happened or when you were in company in past week (SC)	SC YA/A
G10SC	CISR - DEPRESSION Duration of depression (SC)	SC YA/A
depsymp	(D) Number of depression symptoms (SC)	Derived
depany	(D) Any depression symptoms (SC)	Derived
depany2	(D) One or more depression symptoms (SC)	Derived

Clinical Interview Schedule: Anxiety questionnaire

J1SC	CISR - ANXIETY Felt anxious or nervous in the past month (SC)	SC YA/A
J2SC	CISR - ANXIETY Muscle tension/inability to relax in the past month (SC)	SC YA/A
J3SC	CISR - ANXIETY Phobias - in the past month felt anxious, nervous or tense about specific things when there was no real danger (SC)	SC YA/A
J5SC	CISR - ANXIETY Cause of anxiety in past month - brought on by phobia or generally anxious (SC)	SC YA/A
J6SC	CISR - ANXIETY General anxiety/nervousness/tension in the past 7 days (SC)	SC YA/A
J7SC	CISR - ANXIETY General anxiety/ nervousness/ tension in the past 7 days (if felt anxious/ nervous or muscle tension/ inability to relax in the past month) (SC - CAWI only)	SC YA/A
J8SC	CISR - ANXIETY Anxiety rating (SC)	SC YA/A
J9SC	CISR - ANXIETY Any physical symptoms (SC)	SC YA/A
J9A1SC	CISR - ANXIETY Symptoms: Heart racing or pounding (SC)	SC YA/A
J9A2SC	CISR - ANXIETY Symptoms: Hands sweating or shaking (SC)	SC YA/A
J9A3SC	CISR - ANXIETY Symptoms: Feeling dizzy (SC)	SC YA/A
J9A4SC	CISR - ANXIETY Symptoms: Difficulty getting breath (SC)	SC YA/A
J9A5SC	CISR - ANXIETY Symptoms: Butterflies in stomach (SC)	SC YA/A
J9A6SC	CISR - ANXIETY Symptoms: Dry mouth (SC)	SC YA/A
J9A7SC	CISR - ANXIETY Symptoms: Nausea or feeling as though you want to vomit (SC)	SC YA/A
J10SC	CISR - ANXIETY Felt anxious/nervous/tense for more than 3 hours in total on any day in the past 7 days (SC)	SC YA/A
J11SC	CISR - ANXIETY Duration of anxiety/nervousness/tension (SC)	SC YA/A
anxsymp	(D) Number of anxiety symptoms (SC)	Derived
anxany	(D) Any anxiety symptoms (SC)	Derived
anxany2	(D) One or more anxiety symptoms (SC)	Derived

Clinical Interview Schedule: Deliberate self-harm questionnaire

DSH4SC	DSH Ever made an attempt to take own life (SC)	Indiv
DSH4aSC	DSH When made an attempt to take own life (SC)	Indiv
DSH5SC	DSH Ever deliberately self-harmed (suicide not intended) (SC)	Indiv
DSH5aSC	DSH When deliberately self-harmed (SC)	Indiv
suicide	(D) Attempted to take own life (in last week / in last year / some other time / never) (SC)	Derived
suicide2	(D) Attempted to take own life (in last year / longer than year / never) (SC)	Derived
suicide3	(D) Whether attempted to take own life (SC)	Derived

CVD

CVD conditions

cvddef	(D) Had cardiovascular condition	Derived
cvddef1	(D) Had cardiovascular condition (excluding diabetes/high BP)	Derived
cvddef2	(D) Had cardiovascular condition (including diabetes/excluding high BP)	Derived
ihdis	(D) Had IHD (Angina or Heart Attack)	Derived
cvdis	(D) Had CVD (Angina, Heart Attack or Stroke)	Derived

Angina

everangi	Ever had angina	Indiv
docangi	Doctor diagnosed angina	Indiv
recangi	Had angina in past year	Indiv
angidef	(D) Doctor diagnosed angina	Derived
recangi2	(D) Angina in last 12 months	Derived

Blood pressure

everbp	Ever had high BP	Indiv
Docnurbp	Doctor diagnosed high BP	Indiv
Pregbp	Pregnant when told had high BP	Indiv
Nopregbp	High BP other than when pregnant	Indiv
medcinbp	Take medicines for high BP	Indiv
stillbp	Still have high BP	Indiv
pastabbp	Ever taken medicines/tablets/pills for high BP	Indiv
fintabc1	Reason for stopping BP medication: Doctor advised due to improvement	Indiv
fintabc2	Reason for stopping BP medication: Doctor advised due to lack of improvement	Indiv
fintabc3	Reason for stopping BP medication: Doctor advised due to other problem	Indiv
fintabc4	Reason for stopping BP medication: Respondent decided because felt better	Indiv
fintabc5	Reason for stopping BP medication: Respondent decided for other reason	Indiv
fintabc6	Reason for stopping BP medication: Other reason	Indiv
bp1	(D) Doctor diagnosed high blood pressure (excluding pregnant)	Derived
currbp	(D) Currently has high bp	Derived

CHD/Stroke

everhart	Ever had Heart attack	Indiv
everstro	Ever had Stroke	Indiv
docheart	Doctor diagnosed heart attack	Indiv
docstro	Doctor diagnosed stroke	Indiv
recheart	Had heart attack in past year	Indiv
recstro	Had stroke in past year	Indiv
medheart	Medicines for heart condition or stroke	Indiv
heartdef	(D) Doctor diagnosed heart attack	Derived
strodef	(D) Doctor diagnosed stroke	Derived

recheart2	(D) Heart attack in last 12 months	Derived
recstro2	(D) Stroke in last 12 months	Derived

Diabetes

everdi	Ever had Diabetes	Indiv
docinfo1	Doctor diagnosed diabetes	Indiv
TypeD	Been told have Type 1 or Type 2 diabetes	Indiv
pregdi	Pregnant when told had diabetes	Indiv
nopregdi	Diabetes other than when pregnant	Indiv
ageinfo1	Age told had diabetes (in years)	Indiv
Insulin	Insulin for diabetes	Indiv
medcindi	Take medicines for diabetes	Indiv
diabete2	(D) Doctor diagnosed diabetes (excluding pregnant)	Derived
Type1	(D) Diabetes Type 1	Derived
Type2	(D) Diabetes Type 2	Derived
TypeDK	(D) Diabetes but don't know which type	Derived

Heart murmur

evermur	Ever had heart murmur	Indiv
murdoc	Doctor diagnosed heart murmur	Indiv
pregmur	Pregnant when told had heart murmur	Indiv
pregmur1	Heart murmur other than when pregnant	Indiv
murrec	Heart murmur in past year	Indiv
murpill	Any medicines for heart murmur	Indiv
murmur1	(D) Doctor diagnosed heart murmur (excluding pregnant)	Derived
murmur2	(D) Heart murmur in last year (excluding pregnant)	Derived

Other CVD

everireg	Ever had abnormal heart rhythm	Indiv
everoht	Ever had any other heart trouble	Indiv
docireg	Doctor diagnosed abnormal heart rhythm	Indiv
docoht	Doctor diagnosed other heart trouble	Indiv
recireg	Had abnormal heart rhythm in past year	Indiv
recoht	Had other heart trouble in past year	Indiv
iregdef	(D) Doctor diagnosed irregular heart rhythm	Derived
ohtdef	(D) Doctor diagnosed other heart condition	Derived
recireg2	(D) Irregular heart rhythm in last 12 months	Derived
recoht2	(D) Other heart condition in last 12 months	Derived

COPD

COPD	Ever had COPD	Indiv
COPDDoct	Doctor diagnosed COPD	Indiv
COPDSpir	Did doctor do a spirometry test	Indiv
COPDTrt	Currently receiving any treatment or advice because of your COPD	Indiv
COPDOth1	COPD: Regular check-up with GP / hospital / clinic	Indiv
COPDOth2	COPD: Taking medication (tablets / inhalers)	Indiv
COPDOth3	COPD: Advice or treatment to stop smoking	Indiv
COPDOth4	COPD: Using oxygen	Indiv
COPDOth5	COPD: Immunisations against flu / pneumococcus	Indiv
COPDOth6	COPD: Exercise or physical activity	Indiv
COPDOth7	COPD: Advice or treatment to lose weight	Indiv
COPDOth8	COPD: Other advice/treatment	Indiv
copddef	(D) Doctor diagnosed COPD	Derived
CPDOth1A	(D) CODP - Regular check up	Derived
CPDOth2A	(D) COPD - Taking medication	Derived
CPDOth3A	(D) COPD - Advice or treatment to stop smoking	Derived
CPDOth4A	(D) CODP - Using oxygen	Derived
CPDOth5A	(D) COPD - Immunisation against flu/pneumonococcus	Derived
CPDOth6A	(D) COPD - Exercise/physical activity	Derived
CPDOth7A	(D) COPD - Advice or treatment to lose weight	Derived
CPDOth8A	(D) COPD - Other	Derived

Use of services

DocTalk	Whether talked to doctor in last 2 weeks	Indiv
DocNum	No of times talked to doctor in last 2 weeks	Indiv
Consul1	Talked to doctor last 2 weeks: not about condition	Indiv
Consul2	Talked to doctor last 2 weeks: High blood pressure	Indiv
Consul3	Talked to doctor last 2 weeks: Angina	Indiv
Consul4	Talked to doctor last 2 weeks: Heart attack	Indiv
Consul5	Talked to doctor last 2 weeks: Heart murmur	Indiv
Consul6	Talked to doctor last 2 weeks: Abnormal heart rhythm	Indiv
Consul7	Talked to doctor last 2 weeks: Other heart trouble	Indiv
Consul8	Talked to doctor last 2 weeks: Stroke	Indiv
Consul9	Talked to doctor last 2 weeks: Diabetes	Indiv
LastDoc	When was the last time talked to a doctor (excluding hospital)	Indiv
ConCon1	Doctor consultation not about condition	Indiv
ConCon2	Doctor consultation about high blood pressure	Indiv
ConCon3	Doctor consultation about angina	Indiv
ConCon4	Doctor consultation about heart attack	Indiv
ConCon5	Doctor consultation about heart murmur	Indiv
ConCon6	Doctor consultation about abnormal heart rhythm	Indiv
ConCon7	Doctor consultation about other heart trouble	Indiv

ConCon8	Doctor consultation about stroke	Indiv
ConCon9	Doctor consultation about diabetes	Indiv
OutPat	Whether attended hospital in past year as outpatient	Indiv
WhyOutp	Was this outpatient visit because of your CVD condition	Indiv
Inpat	Whether attended hospital in past year as inpatient	Indiv
WhyInp	Was this inpatient visit because of your CVD condition	Indiv
DocTalkN	Whether talked to doctor in last 2 weeks	Indiv
DocNumN	Frequency of visits to doctors in last 2 weeks	Indiv
LastDocN	Occasion last spoke to doctor	Indiv
OutPatN	Whether attended hospital in past year as outpatient (asked of those who do not have a CVD condition, diabetes or high BP)	Indiv
InPatN	Whether attended hospital in past year as inpatient (asked of those who do not have a CVD condition, diabetes or high BP)	Indiv
talkdoc	(D) Talked to doctor in last 2 weeks	Derived
numdoc	(D) Number of times talked to doctor in last 2 weeks	Derived
numdocg2	(D) Number of times talked to doctor in last 2 weeks (grouped)	Derived
numdocg3	(D) Number of times talked to doctor in last 2 weeks - ALL 16+	Derived
talkdoc2	(D) Talked to doctor in last 2 weeks - ALL 16+	Derived
numyear	(D) Number of GP consultations per year - ALL	Derived
numyear2	(D) Number of GP consultations per year - ALL 16+	Derived
Inpatnt	(D) In-patient in hospital in last 12 months - ALL	Derived
outpatnt	(D) Out-patient in hospital in last 12 months - ALL	Derived

Family history

FathOcc	Father's occupation when respondent aged 14	Indiv
FathSup	Father's responsibility for staff in job	Indiv
MothOcc	Mother's occupation when respondent aged 14	Indiv
MothSup	Mother's responsibility for staff in job	Indiv
LiveMaB_19	Whether natural mother alive	Indiv
AgeMa	Age of natural mother	Indiv
ConsMaB_19	Cause of death of natural mother	Indiv
AgeMaB_19	Age natural mother died	Indiv
LivePaB_19	Whether natural father alive	Indiv
AgePa	Age of natural father	Indiv
ConsPaB_19	Cause of death of natural father	Indiv
AgePaB_19	Age natural father died	Indiv
FamDB	Whether parents/children/siblings have type 1 or 2 diabetes	Indiv
ParCVD	Whether either parent had heart disease/stroke before age 60	Indiv
SibCVD	Whether siblings had heart disease/stroke before age 60	Indiv
RelCVD	Whether aunts/uncles/cousins had heart disease/stroke before age 60	Indiv
RelNum	Number of aunts/uncles/cousins with heart disease/stroke before 60	Indiv
fanssec8	(D) Father's NS-SEC 8 variable classification when respondent aged 14	Derived
fanssec5	(D) Father's NS-SEC 5 variable classification when respondent aged 14	Derived
fanssec3	(D) Father's NS-SEC 3 variable classification when respondent aged 14	Derived

manssec8	(D) Mother's NS-SEC 8 variable classification when respondent aged 14	Derived
manssec5	(D) Mother's NS-SEC 5 variable classification when respondent aged 14	Derived
manssec3	(D) Mother's NS-SEC 3 variable classification when respondent aged 14	Derived
pnssec5	(D) Parental NS-SEC (highest) 5 groups	Derived
pnssec3	(D) Parental NS-SEC (highest) 3 groups	Derived
Famcvd2	(D) Parents or siblings had heart disease or stroke before 60	Derived

Asthma

StartSch	Whether started school	Indiv
EverW	Whether ever had wheezing or whistling	Indiv
TweWz	Whether had wheezing in last 12 months	Indiv
ConDr	Doctor diagnosed asthma	Indiv
TrtWze20	Whether received any treatment or advice for asthma/wheezing from any of the people on showcard	Indiv
TrtWh1_20	Received treatment/advice: A general practitioner (GP)	Indiv
TrtWh2_20	Received treatment/advice: Nurse at GP surgery/Health centre	Indiv
TrtWh3_20	Received treatment/advice: Community, School or District Nurse	Indiv
TrtWh4_20	Received treatment/advice: Hospital casualty/Accident and Emergency department	Indiv
TrtWh5_20	Received treatment/advice: Consultant/Specialist or other doctor at hospital outpatients	Indiv
TrtWh6_20	Received treatment/advice: Consultant/Specialist or other doctor elsewhere	Indiv
TrtWh7_20	Received treatment/advice: Homeopath	Indiv
TrtWh8_20	Received treatment/advice: Acupuncturist	Indiv
TrtWh9_20	Received treatment/advice: Other alternative medicine professional	Indiv
SchAb	Number of days asthma/wheezing/whistling has caused child to be absent from school in last 12 months	Indiv
Twewz2	(D) Wheezed in last 12 months	Derived

Covid

HadCovid	Since the start of the pandemic, have you had or do you think you have had Coronavirus, also known as COVID-19	Indiv
LongCovi	Would you describe yourself as having long COVID	Indiv
LngCoAct	Does this reduce your ability to carry-out day-to-day activities compared with the time before you had COVID-19	Indiv
LngCoSym	Long Covid symptoms: Fever	Indiv
LngCoSy2	Long Covid symptoms: Weakness/ tiredness	Indiv
LngCoSy3	Long Covid symptoms: Diarrhoea	Indiv
LngCoSy4	Long Covid symptoms: Loss of smell	Indiv
LngCoSy5	Long Covid symptoms: Shortness of breath	Indiv
LngCoSy6	Long Covid symptoms: Vertigo/dizziness	Indiv
LngCoSy7	Long Covid symptoms: Trouble sleeping	Indiv
LngCoSy8	Long Covid symptoms: Headache	Indiv
LngCoSy9	Long Covid symptoms: Nausea/vomiting	Indiv

LngCoS10	Long Covid symptoms: Loss of appetite	Indiv
LngCoS11	Long Covid symptoms: Sore throat	Indiv
LngCoS12	Long Covid symptoms: Chest pain	Indiv
LngCoS13	Long Covid symptoms: Worry/anxiety	Indiv
LngCoS14	Long Covid symptoms: Memory loss or confusion	Indiv
LngCoS15	Long Covid symptoms: Muscle ache	Indiv
LngCoS16	Long Covid symptoms: Abdominal pain	Indiv
LngCoS17	Long Covid symptoms: Loss of taste	Indiv
LngCoS18	Long Covid symptoms: Cough	Indiv
LngCoS19	Long Covid symptoms: Palpitations	Indiv
LngCoS20	Long Covid symptoms: Low mood/not enjoying anything	Indiv
LngCoS21	Long Covid symptoms: Difficulty concentrating	Indiv
LngCoS22	Long Covid symptoms: None of these	Indiv
CvShield	Have you/your child received a letter from Scotland's Chief Medical Officer advising you/them that you/they have been added to the shielding list	Indiv
RecVacB	Have you received at least one vaccination for the coronavirus also known as COVID-19	Indiv
VacOff	Have you been offered the vaccine for the coronavirus	Indiv
Vaccine	When a vaccine for the coronavirus is offered to you, how likely or unlikely are you to have the vaccine	Indiv
VacNot1	Reason uncertain about getting the vaccine for COVID-19: I need more information about the safety of the vaccines	Indiv
VacNot2	Reason uncertain about getting the vaccine for COVID-19: These are new vaccines so I don't want to be among the first	Indiv
VacNot3	Reason uncertain about getting the vaccine for COVID-19: I have heard that some people don't feel well after being vaccinated	Indiv
VacNot4	Reason uncertain about getting the vaccine for COVID-19: I don't think COVID-19 would be a serious illness for me	Indiv
VacNot5	Reason uncertain about getting the vaccine for COVID-19: I don't think I'm at risk of catching Coronavirus	Indiv
VacNot6	Reason uncertain about getting the vaccine for COVID-19: I'm concerned about how quickly the vaccines have been developed	Indiv
VacNot7	Reason uncertain about getting the vaccine for COVID-19: I'm concerned about how quickly the vaccines have been approved	Indiv
VacNot8	Reason uncertain about getting the vaccine for COVID-19: I have a medical history of allergic reactions and am concerned about my reaction to being vaccinated	Indiv
VacNot9	Reason uncertain about getting the vaccine for COVID-19: I am concerned about having an allergic reaction, even though I do not have a medical history of allergies	Indiv
VacNot10	Reason uncertain about getting the vaccine for COVID-19: I would worry about the risk of catching coronavirus at the place where the vaccines are given	Indiv
VacNot11	Reason uncertain about getting the vaccine for COVID-19: I worry about how I will travel to the place where the vaccines are being given	Indiv
VacNot12	Reason uncertain about getting the vaccine for COVID-19: I usually choose not to get any vaccines	Indiv
VacNot13	Reason uncertain about getting the vaccine for COVID-19: I'm unlikely to have time to get vaccinated	Indiv
VacNot14	Reason uncertain about getting the vaccine for COVID-19: I don't trust vaccines	Indiv
VacNot15	Reason uncertain about getting the vaccine for COVID-19: Other	Indiv
LongCov2	(D) Has long COVID, still experiencing symptoms more than 4 weeks after first had COVID-19, that are not explained by something else	Derived

LngCoAct2	(D) Long Covid reduces ability to carry-out day-to-day activities compared with the time before had COVID-19	Derived
Vacwill	(D) Whether have had/would be willing to have the COVID-19 vaccine	Derived

Accidents

DrAcc	(VERA) Whether had accident in last 12 months	Indiv
NDrAcc	(VERA) Number of accidents in last 12 months	Indiv
DrWyr	(VERA) Place of accident	Indiv
AxCause1	(VERA) Cause of accident - hit by a falling object	Indiv
AxCause2	(VERA) Cause of accident - fall, slip or trip	Indiv
AxCause3	(VERA) Cause of accident - road traffic accident	Indiv
AxCause4	(VERA) Cause of accident - sports/recreational accident	Indiv
AxCause5	(VERA) Cause of accident - tool, implement or equipment	Indiv
AxCause6	(VERA) Cause of accident - burn / scald	Indiv
AxCause7	(VERA) Cause of accident - animal / insect	Indiv
AxCause8	(VERA) Cause of accident - another person	Indiv
AxCause9	(VERA) Cause of accident - other	Indiv
AxCaus10	(VERA) Cause of accident - lifting	Indiv
AxCaus11	(VERA) Cause of accident - other (can't be back coded)	Indiv
DrJob	(VERA) Whether in paid employment at time of accident	Indiv
DrWrk	(VERA) Whether accident happened at work	Indiv
InOut	(VERA) Outdoors / indoors accident	Indiv
TimeOff	(VERA) Whether needed time off work because of accident	Indiv
drinj01	(VERA) Injury - Broken bones	Indiv
drinj02	(VERA) Injury - Dislocated joints	Indiv
drinj03	(VERA) Injury - Losing consciousness	Indiv
drinj04	(VERA) Injury - Strain/twist body	Indiv
drinj05	(VERA) Injury - Cut/graze	Indiv
drinj06	(VERA) Injury - Bruise/pinch	Indiv
drinj07	(VERA) Injury - Swelling/tenderness	Indiv
drinj08	(VERA) Injury - Object stuck in body	Indiv
drinj09	(VERA) Injury - Burning or Scalding	Indiv
drInj10	(VERA) Injury - Poisoning	Indiv
drInj11	(VERA) Injury - Internal injury	Indiv
drInj12	(VERA) Injury - Animal/insect bite/sting	Indiv
drInj13	(VERA) Injury - Other	Indiv
drInj97	(VERA) Injury - Other (can't be backcoded)	Indiv
draid01	(VERA) Treatment for injury - hospital	Indiv
draid02	(VERA) Treatment for injury - GP/ family doctor	Indiv
draid03	(VERA) Treatment for injury - nurse at GP surgery	Indiv
draid04	(VERA) Treatment for injury - nurse at work/school	Indiv
draid05	(VERA) Treatment for injury - doctor at work/school	Indiv
draid06	(VERA) Treatment for injury - other doctor or nurse	Indiv
draid07	(VERA) Treatment for injury - ambulance staff	Indiv

draid08	(VERA) Treatment for injury - volunteer first aider	Indiv
draid09	(VERA) Treatment for injury - chemist / pharmacist	Indiv
drAid10	(VERA) Treatment for injury - family / friends / colleagues / passers-by	Indiv
drAid11	(VERA) Treatment for injury - self	Indiv
drAid12	(VERA) Treatment for injury - other person(s)	Indiv
Prevent1	(VERA) Whether accident could have been prevented by respondent	Indiv
Prevent2	(VERA) Whether accident could have been prevented by others	Indiv
Prevent3	(VERA) Accident could not have been prevented	Indiv
macc	(D) (VERA) Annual major accident rate per 100 persons	Derived
macc2	(D) (VERA) Annual major accident rate per 100 persons including 0 accidents	Derived
NDrAcc2	(D) (VERA) Number of accidents in last 12 months - grouped	Derived

Physical activity

Adults: Main summary measures

muscle	(D) Number of days in past month of muscle strengthening activity (summary)	Derived
MusWeek	(D) Mean number of days per week of muscle strengthening activity in past 4 weeks (summary)	Derived
MusRec	(D) Whether CMO muscle strengthening recommendations met (2 days per week or more)	Derived
balance	(D) Number of days in past month of balance improving activity: AGE 65+ (summary)	Derived
BalWeek	(D) Mean number of days per week of balance improving activity in past 4 weeks: age 65+ (summary)	Derived
BalWeekG	(D) Mean number of days per week of balance improving activity in past 4 weeks: age 65+ (grouped 0, 1, 2+)	Derived
mintot10T	(D) Average mins doing MVPA per week 10+ min (new 65+ walk definition)	Derived
mintot10X	(D) Average mins doing MVPA per week 10+ min (OLD walk definition)	Derived
mintot10X2	(D) Average mins doing MVPA per week 10+ min (OLD sports & OLD walk definition & OLD PA at work definition)	Derived
adt10gpTW	(D) Summary activity level - 2011 CMO time recommendations (new 65+ walk definition)	Derived
adt10gpTX	(D) Summary activity level - 2011 CMO time recommendations (OLD walk definition)	Derived
adt10gpM	(D) Whether meets CMO recommendations on activity duration & muscle strengthening	Derived
MVPA10wkx	(D) Average minutes doing MVPA sport per week (vig mins * 2)	Derived
adtot10b	(D) Total number of days active 30 mins +, 10-29 min sessions included	Derived
adtot10c	(D) Number of days per week any activities 30 mins +, 10-29 min sessions included	Derived
adt10gp	(D) Summary activity level, 10-29 min sessions included - PRE 2011 RECOMMENDATIONS	Derived
adt10gpTX2	(D) Summary activity level - 2011 CMO time recommendations (OLD sports & OLD walk definition & OLD PA at work definition)	Derived

Adults: Housework

Housewrk	Whether done any housework in past 4 weeks	Indiv
HWrkList	Any housework listed on showcard	Indiv
HevyHWrk	Any heavy housework	Indiv
HeavyDay	Number of days done heavy housework in last 4 weeks (30+ mins)	Indiv
HRSHHW	Heavy housework: hours	Indiv
MINHHW	Heavy housework: minutes	Indiv
HWTIM	Heavy housework: hrshhw + minhhw in minutes	Derived (CAPI)
ad10hwk	(D) Adults: Days 10+ min heavy housework	Derived
ad10hwk2	(D) Adults: Days 10+ min heavy housework (grouped)	Derived
hwkany10	(D) Housework 10+ min - any or none	Derived
hrshwk10	(D) Average hours doing heavy housework per week (10+ min)	Derived
hrhwkg10	(D) Average hours doing heavy housework per week 10+ min (grouped)	Derived
adhse10b	(D) Number of days heavy housework 30 mins +, including 10-29 min bouts	Derived

Adults: Manual work

Garden	Whether done gardening / DIY / building work in past 4 weeks	Indiv
GardList	Any gardening / DIY / building work listed on showcard	Indiv
ManWork	Any gardening / DIY / building work listed on showcard or similar manual work	Indiv
ManDays	Number of days done heavy gardening / DIY in last 4 weeks (30+ mins)	Indiv
HrsDIY	DIY: Hours	Indiv
MinDIY	DIY: Minutes	Indiv
DIYTim	DIY: hrsdiy + mindiy in minutes	Derived (CAPI)
ad10man	(D) Adults: Days 10+ min heavy manual/DIY	Derived
ad10man2	(D) Adults: Days 10+ min heavy manual/DIY (grouped)	Derived
manany10	(D) Heavy manual 10+ min - any or none	Derived
hrsman10	(D) Average hours doing heavy manual per week 10+ min	Derived
hrmang10	(D) Average hours doing heavy manual per week 10+ min grouped	Derived
adman10b	(D) Number of days per week heavy manual 30+ mins including 10-29 min bouts	Derived

Adults: Walking

Wlk5Int	Walked continuously for at least 5 minutes in last 4 weeks	Indiv
Wlk10M	Walked continuously for at least 10 mins in last 4 weeks	Indiv
DayWlk10	How many days of 10 minute walks in last 4 weeks	Indiv
Day1Wk10	Whether did more than one 10 minute walk per day	Indiv
Day2Wk10	How many days did more than one 10 minute walk per day	Indiv
hrswlk10	Walking: hours	Indiv
minwlk10	Walking minutes	Indiv
TotTim	Walking: HrsWlk + MinWlk in minutes	Derived (CAPI)
WalkPace	Speed of usual walking pace	Indiv

WalkEff	Effort of walking enough to make respondent breathe faster, feel warmer, or sweat	Indiv
WalkNo10	(D) Number of walks of 10 mins+ in last 4 weeks	Derived
WALKPA65	(D) Walkpace adjusted - ADJUSTED FOR OVER 65s EXERTION	Derived
ad10wlkX	(D) Adults: Days 10+ min brisk walk - ORIGINAL SYNTAX	Derived
ad10wlk2X	(D) Adults: Days 10+ min brisk walk (grouped) ORIGINAL SYNTAX	Derived
ad10wlkR	(D) Adults: Days 10+ min brisk walk - ADJUSTED FOR OVER 65s	Derived
ad10wlk2R	(D) Adults: Days 10+ min brisk walk (grouped) - ADJUSTED FOR OVER 65s	Derived
adwlk10bX	(D) Number of days walking 30 mins + fast or brisk, including 10-29 min bouts ORIGINAL SYNTAX	Derived
adwlk10bR	(D) Number of days walking 30 mins + fast or brisk, including 10-29 min bouts - ADJUSTED FOR OVER 65s	Derived
WalkNo10X	(D) Number of walks of 10 mins+ in last 4 weeks ORIGINAL SYNTAX	Derived
WalkNo10R	(D) Number of walks of 10 mins+ in last 4 weeks - ADJUSTED FOR OVER 65s	Derived
hrwalk10X	(D) Average hours walking per week brisk or fast 10+ min ORIGINAL SYNTAX	Derived
hrwalk10R	(D) Average hours walking per week brisk or fast 10+ min - ADJUSTED FOR OVER 65s	Derived
adt10gpTWL	(D) Low/very low summary activity level - 2011 CMO time recommendations (new 65+ walk definition)	Derived

Adults: Work

Work	Whether working in past 4 weeks	Indiv
Active	Level of physical activity at work	Indiv
MainSit	At work: mainly sitting down, standing up or walking about	Indiv
WrkAct3H	Average work day in the last four weeks: hours spent sitting down	Indiv
WrkAct3M	Average work day in the last four weeks: minutes spent sitting down	Indiv
actwktime	(D) Estimated time spent being very physically active at work (hrs/wk)	Derived
WrkActM	(D) Total daily sedentary time at work in minutes (from WrkAct3H + WrkAct3M)	Derived
WrkActH	(D) Total daily sedentary time at work in hours (from WrkAct3H + WrkAct3M)	Derived
WrkActG	(D) Total daily sedentary time at work in hours - quartiles	Derived

Adults: Sport and exercise

ActPhy	Whether done any activities listed on showcard	Indiv
whtact01	Activity: Swimming	Indiv
whtact02	Activity: Cycling	Indiv
whtact03	Activity: Workout at a gym / exercise bike / weight training	Indiv
whtact04	Activity: Aerobics / keep fit / gymnastics / dance for fitness	Indiv
whtact05	Activity: Any other type of dancing	Indiv
whtact06	Activity: Running / jogging	Indiv
whtact07	Activity: Football / rugby	Indiv
whtact08	Activity: Badminton / tennis	Indiv
whtact09	Activity: Squash	Indiv
whtact10	Activity: Exercises (e.g. press-ups, sit ups)	Indiv

WhtAcB0	Activities on card in last 4 weeks: None of these	Indiv
WhtAcB1	Activities on card in last 4 weeks: Bowls	Indiv
WhtAcB2	Activities on card in last 4 weeks: Fishing / angling	Indiv
WhtAcB3	Activities on card in last 4 weeks: Golf	Indiv
WhtAcB4	Activities on card in last 4 weeks: Hillwalking / rambling	Indiv
WhtAcB5	Activities on card in last 4 weeks: Snooker / billiards / pool	Indiv
WhtAcB6	Activities on card in last 4 weeks: Aqua-robics / aquafit / exercise class in water	Indiv
WhtAcB7	Activities on card in last 4 weeks: Yoga / pilates	Indiv
WhtAcB8	Activities on card in last 4 weeks: Athletics	Indiv
WhtAcB9	Activities on card in last 4 weeks: Basketball	Indiv
WhtAcB10	Activities on card in last 4 weeks: Canoeing / Kayaking	Indiv
WhtAcB11	Activities on card in last 4 weeks: Climbing	Indiv
WhtAcB12	Activities on card in last 4 weeks: Cricket	Indiv
WhtAcB13	Activities on card in last 4 weeks: Curling	Indiv
WhtAcB14	Activities on card in last 4 weeks: Hockey	Indiv
WhtAcB15	Activities on card in last 4 weeks: Horse riding	Indiv
WhtAcB16	Activities on card in last 4 weeks: Ice skating	Indiv
WhtAcB17	Activities on card in last 4 weeks: Martial arts including Tai Chi	Indiv
WhtAcB18	Activities on card in last 4 weeks: Netball	Indiv
WhtAcB19	Activities on card in last 4 weeks: Powerboating / jet skiing	Indiv
WhtAcB20	Activities on card in last 4 weeks: Rowing	Indiv
WhtAcB21	Activities on card in last 4 weeks: Sailing / windsurfing	Indiv
WhtAcB22	Activities on card in last 4 weeks: Shinty	Indiv
WhtAcB23	Activities on card in last 4 weeks: Skateboarding / inline skating	Indiv
WhtAcB24	Activities on card in last 4 weeks: Skiing / snowboarding	Indiv
WhtAcB25	Activities on card in last 4 weeks: Subaqua	Indiv
WhtAcB26	Activities on card in last 4 weeks: Surfing / body boarding	Indiv
WhtAcB27	Activities on card in last 4 weeks: Table tennis	Indiv
WhtAcB28	Activities on card in last 4 weeks: Tenpin bowling	Indiv
WhtAcB29	Activities on card in last 4 weeks: Volleyball	Indiv
WhtAcB30	Activities on card in last 4 weeks: Waterskiing	Indiv
OActQ11	Any other sport or exercise (1)	Indiv
OActQ12	Any other sport or exercise (2)	Indiv
OActQ13	Any other sport or exercise (3)	Indiv
WHTACT11	Other activity code (1)	Indiv
WHTACT12	Other activity code (2)	Indiv
TotalAct	Total number of activities	Derived (CAPI)
swimocc	How many days swimming?	Indiv
swimhrs	Swimming: Hours	Indiv
swimmin	Swimming: Minutes	Indiv
swimtim	Swimming: swimhr + swimming in minutes	Derived (CAPI)
swimeff	Swimming - out of breath/sweaty?	Indiv
cycleocc	How many days cycling?	Indiv

cyclehrs	Cycling: Hours	Indiv
cyclemin	Cycling: Minutes	Indiv
cycletim	Cycling: cyclehr + cyclemin in minutes	Derived (CAPI)
cycleeff	Cycling - out of breath/sweaty?	Indiv
cyclemus	Cycling - muscle strengthening?	Indiv
weighocc	How many days workout?	Indiv
weighhrs	Workout: Hours	Indiv
weighmin	Workout: Minutes	Indiv
weightim	Workout: weighhr + weighmin in minutes	Derived (CAPI)
weigheff	Workout - out of breath/sweaty?	Indiv
weighmus	Workout - muscle strengthening?	Indiv
aeroocc	How many days aerobics?	Indiv
aerohrs	Aerobics: Hours	Indiv
aeromin	Aerobics: Minutes	Indiv
aerotim	Aerobics: aerohr + aeromin in minutes	Derived (CAPI)
aeroeff	Aerobics - out of breath/sweaty?	Indiv
aeromus	Aerobics - muscle strengthening?	Indiv
danceocc	How many days dancing?	Indiv
dancehrs	Dancing: Hours	Indiv
dancemin	Dancing: Minutes	Indiv
dancetim	Dancing: dancehr + dancemin in minutes	Derived (CAPI)
danceeff	Dancing - out of breath/sweaty?	Indiv
dancemus	Dancing - muscle strengthening?	Indiv
runocc	How many days running?	Indiv
runhrs	Running: Hours	Indiv
runmin	Running: Minutes	Indiv
runtim	Running: runhr + runmin in minutes	Derived (CAPI)
runeff	Running - out of breath/sweaty?	Indiv
runmus	Running - muscle strengthening?	Indiv
ftbllocc	How many days football or rugby?	Indiv
ftbllhrs	Football/rugby: Hours	Indiv
ftbllmin	Football/rugby: Minutes	Indiv
ftblltim	Football/rugby: ftbllhr + ftbllmin in minutes	Derived (CAPI)
ftblleff	Football/rugby - out of breath/sweaty?	Indiv
ftbllmus	Football/rugby - muscle strengthening?	Indiv
tennocc	How many days badminton or tennis?	Indiv
tennhrs	Badminton/tennis: Hours	Indiv
tennmin	Badminton/tennis: Minutes	Indiv
tenntim	Badminton/tennis: tennhr + tennmin in minutes	Derived (CAPI)
tenneff	Badminton/tennis - out of breath/sweaty?	Indiv

tennmus	Badminton/tennis - muscle strengthening?	Indiv
squasocc	How many days squash?	Indiv
squashrs	Squash: Hours	Indiv
squasmin	Squash: Minutes	Indiv
squastim	Squash: squashr + squasmin in minutes	Derived (CAPI)
squaseff	Squash - out of breath/sweaty?	Indiv
squasmus	Squash - muscle strengthening?	Indiv
exocc	How many days exercises?	Indiv
exhrs	Exercises: Hours	Indiv
exmin	Exercises: Minutes	Indiv
extim	Exercises: exhr + exmin in minutes	Derived (CAPI)
exeff	Exercises - out of breath/sweaty?	Indiv
exmov	Exercises - balance improving?	Indiv
exmus	Exercises - muscle strengthening?	Indiv
actaocc	How many days other activity (1)	Indiv
actahrs	Other activity (1): Hours	Indiv
actamin	Other activity (1): Minutes	Indiv
actatim	Other activity (1) - actahrs + actamin in minutes	Indiv
actaeff	Other activity (1) - out of breath/sweaty	Indiv
actamus	Other activity (1) - muscle strengthening	Indiv
actbocc	How many days other activity (2)	Indiv
actbhrs	Other activity (2): Hours	Indiv
actbmin	Other activity (2): Minutes	Indiv
actbtim	Other activity (2) - actahrs + actamin in minutes	Indiv
actbeff	Other activity (2) - out of breath/sweaty	Indiv
actbmus	Other activity (2) - muscle strengthening	Indiv
bowlocc	How many days bowls?	Indiv
bowlhrs	Bowls: Hours	Indiv
bowlmin	Bowls: Minutes	Indiv
bowltim	Bowls: bowlhrs + bowlmin in minutes	Derived (CAPI)
bowleff	Bowls - out of breath/sweaty?	Indiv
bowlmus	Bowls - muscle strengthening?	Indiv
fishocc	How many days fishing?	Indiv
fishhrs	Fishing: Hours	Indiv
fishmin	Fishing: Minutes	Indiv
fishtim	Fishing: fishhrs + fishmin in minutes	Derived (CAPI)
fisheff	Fishing - out of breath/sweaty?	Indiv
golfocc	How many days golf?	Indiv
golfhrs	Golf: Hours	Indiv
golfmin	Golf: Minutes	Indiv
golftim	Golf: golfhrs + golfmin in minutes	Derived (CAPI)
golfeff	Golf - out of breath/sweaty?	Indiv

golfmus	Golf - muscle strengthening?	Indiv
hillocc	How many days hillwalking/rambling?	Indiv
hillhrs	Hillwalking/rambling: Hours	Indiv
hillmin	Hillwalking/rambling: Minutes	Indiv
hilltim	Hillwalking/rambling: hillhrs + hillmin in minutes	Derived (CAPI)
hilleff	Hillwalking/rambling - out of breath/sweaty?	Indiv
hillmus	Hillwalking/rambling - muscle strengthening?	Indiv
snkrocc	How many days snooker/billiards/pool?	Indiv
snkrhrs	Snooker: Hours	Indiv
snkrmin	Snooker: Minutes	Indiv
snkrtim	Snooker: snkrhrs + snkrmin in minutes	Derived (CAPI)
snkreff	Snooker - out of breath/sweaty?	Indiv
aquaocc	How many days aquarobics/aquafit?	Indiv
aquahrs	Aquarobics: Hours	Indiv
aquamin	Aquarobics: Minutes	Indiv
aquatim	Aquarobics: aquahrs + aquamin in minutes	Derived (CAPI)
aquaeff	Aquarobics - out of breath/sweaty?	Indiv
aquamus	Aquarobics - muscle strengthening?	Indiv
yogaocc	How many days yoga/pilates?	Indiv
yogahrs	Yoga/pilates: Hours	Indiv
yogamin	Yoga/pilates: Minutes	Indiv
yogatim	Yoga/pilates: yogahrs + yogamin in minutes	Derived (CAPI)
yogaeff	Yoga/pilates - out of breath/sweaty?	Indiv
yogamus	Yoga/pilates - muscle strengthening?	Indiv
athlocc	How many days athletics?	Indiv
athlhrs	Athletics: Hours	Indiv
athlmin	Athletics: Minutes	Indiv
athltim	Athletics: athlhrs + athlmin in minutes	Derived (CAPI)
athleff	Athletics - out of breath/sweaty?	Indiv
baskocc	How many days basketball?	Indiv
baskhrs	Basketball: Hours	Indiv
baskmin	Basketball: Minutes	Indiv
basktim	Basketball: baskhrs + baskmin in minutes	Derived (CAPI)
baskeff	Basketball - out of breath/sweaty?	Indiv
baskmus	Basketball - muscle strengthening?	Indiv
canoocc	How many days canoeing/kayaking?	Indiv
canohrs	Canoeing/kayaking: Hours	Indiv
canomin	Canoeing/kayaking: Minutes	Indiv
canotim	Canoeing/kayaking: canohrs + canomin in minutes	Derived (CAPI)
canoeff	Canoeing/kayaking - out of breath/sweaty?	Indiv

climocc	How many days climbing?	Indiv
climhrs	Climbing: Hours	Indiv
climmin	Climbing: Minutes	Indiv
climtim	Climbing: climhrs + climmin in minutes	Derived (CAPI)
climeff	Climbing - out of breath/sweaty?	Indiv
cricocc	How many days cricket?	Indiv
crichrs	Cricket: Hours	Indiv
cricmin	Cricket: Minutes	Indiv
crictim	Cricket: crichrs + cricmin in minutes	Derived (CAPI)
criceff	Cricket - out of breath/sweaty?	Indiv
cricmus	Cricket - muscle strengthening?	Indiv
curlocc	How many days curling?	Indiv
curlhrs	Curling: Hours	Indiv
curlmin	Curling: Minutes	Indiv
curltim	Curling: curlhrs + curlmin in minutes	Derived (CAPI)
curleff	Curling - out of breath/sweaty?	Indiv
curlmus	Curling - muscle strengthening?	Indiv
hockocc	How many days hockey?	Indiv
hockhrs	Hockey: Hours	Indiv
hockmin	Hockey: Minutes	Indiv
hocktim	Hockey: hockhrs + hockmin in minutes	Derived (CAPI)
hockeff	Hockey - out of breath/sweaty?	Indiv
hockmus	Hockey - muscle strengthening?	Indiv
horsocc	How many days horse riding?	Indiv
horshrs	Horse riding: Hours	Indiv
horsmin	Horse riding: Minutes	Indiv
horstim	Horse riding: horshrs + horsmin in minutes	Derived (CAPI)
horseff	Horse riding - out of breath/sweaty?	Indiv
skatocc	How many days ice skating?	Indiv
skathrs	Ice skating: Hours	Indiv
skatmin	Ice skating: Minutes	Indiv
skattim	Ice skating: skathrs + skatmin in minutes	Derived (CAPI)
skateff	Ice skating - out of breath/sweaty?	Indiv
skatmus	Ice skating - muscle strengthening?	Indiv
martocc	How many days martial arts including Tai Chi?	Indiv
marthrs	Martial arts including Tai Chi: Hours	Indiv
martmin	Martial arts including Tai Chi: Minutes	Indiv
marttim	Martial arts including Tai Chi: marthrs + martmin in minutes	Derived (CAPI)
marteff	Martial arts including Tai Chi - out of breath/sweaty?	Indiv
martmus	Martial arts including Tai Chi - muscle strengthening?	Indiv

netbocc	How many days netball?	Indiv
netbhrs	Netball: Hours	Indiv
netbmin	Netball: Minutes	Indiv
netbtim	Netball: netbhrs + netbmin in minutes	Derived (CAPI)
netbeff	Netball - out of breath/sweaty?	Indiv
netbmus	Netball - muscle strengthening?	Indiv
jetsocc	How many days jet skiing/powerboating?	Indiv
jetshrs	Jet skiing/powerboating: Hours	Indiv
jetsmin	Jet skiing/powerboating: Minutes	Indiv
jetstim	Jet skiing/powerboating: jetshrs + jetsmin in minutes	Derived (CAPI)
jetseff	Jet skiing/powerboating - out of breath/sweaty?	Indiv
rowocc	How many days rowing?	Indiv
rowhrs	Rowing: Hours	Indiv
rowmin	Rowing: Minutes	Indiv
rowtim	Rowing: rowhrs + rowmin in minutes	Derived (CAPI)
roweff	Rowing - out of breath/sweaty?	Indiv
sailocc	How many days sailing/windsurfing?	Indiv
sailhrs	Sailing/windsurfing: Hours	Indiv
sailmin	Sailing/windsurfing: Minutes	Indiv
sailtim	Sailing/windsurfing: sailhrs + sailmin in minutes	Derived (CAPI)
saileff	Sailing/windsurfing - out of breath/sweaty?	Indiv
shinocc	How many days shinty?	Indiv
shinhrs	Shinty: Hours	Indiv
shinmin	Shinty: Minutes	Indiv
shintim	Shinty: shinhrs + shinmin in minutes	Derived (CAPI)
shineff	Shinty - out of breath/sweaty?	Indiv
shinmus	Shinty - muscle strengthening?	Indiv
sktbocc	How many days skateboarding?	Indiv
sktbhrs	Skateboarding: Hours	Indiv
sktbmin	Skateboarding: Minutes	Indiv
sktbtim	Skateboarding: sktbhrs + sktbmin in minutes	Derived (CAPI)
sktbeff	Skateboarding - out of breath/sweaty?	Indiv
skiocc	How many days skiing/snowboarding?	Indiv
skihrs	Skiing/snowboarding: Hours	Indiv
skimin	Skiing/snowboarding: Minutes	Indiv
skitim	Skiing/snowboarding: skihrs + skimin in minutes	Derived (CAPI)
skieff	Skiing/snowboarding - out of breath/sweaty?	Indiv
scubocc	How many days subaqua?	Indiv
scubhrs	Subaqua: Hours	Indiv
scubmin	Subaqua: Minutes	Indiv

scubtim	Subaqua: scubhrs + scubmin in minutes	Derived (CAPI)
scubeff	Subaqua - out of breath/sweaty?	Indiv
surfocc	How many days surfing/bodyboarding?	Indiv
surfhrs	Surfing/bodyboarding: Hours	Indiv
surfmin	Surfing/bodyboarding: Minutes	Indiv
surftim	Surfing/bodyboarding: surfhrs + surfmin in minutes	Derived (CAPI)
surfeff	Surfing/bodyboarding - out of breath/sweaty?	Indiv
surfmus	Surfing - muscle strengthening?	Indiv
tabtocc	How many days table tennis?	Indiv
tabthrs	Table tennis: Hours	Indiv
tabtmin	Table tennis: Minutes	Indiv
tabttim	Table tennis: tabthrs + tabtmin in minutes	Derived (CAPI)
tabteff	Table tennis - out of breath/sweaty?	Indiv
tenpocc	How many days tenpin bowling?	Indiv
tenphrs	Tenpin bowling: Hours	Indiv
tenpmin	Tenpin bowling: Minutes	Indiv
tenptim	Tenpin bowling: tenphrs + tenpmin in minutes	Derived (CAPI)
tenpeff	Tenpin bowling - out of breath/sweaty?	Indiv
tenpmus	Tenpin bowling - muscle strengthening?	Indiv
vollocc	How many days volleyball?	Indiv
vollhrs	Volleyball: Hours	Indiv
vollmin	Volleyball: Minutes	Indiv
volltim	Volleyball: vollhrs + vollmin in minutes	Derived (CAPI)
volleff	Volleyball - out of breath/sweaty?	Indiv
vollmus	Volleyball - muscle strengthening?	Indiv
wskiocc	How many days water-skiing?	Indiv
wskihrs	Water-skiing: Hours	Indiv
wskimin	Water-skiing: Minutes	Indiv
wskitim	Water-skiing: wskihrs + wskimin in minutes	Derived (CAPI)
wskieff	Water-skiing - out of breath/sweaty?	Indiv
wskimus	Water-skiing - muscle strengthening?	Indiv
acta	(D) Other sports intensity (sport 1)	Derived
actb	(D) Other sports intensity (sport 2)	Derived
minMspt10	(D) Average mins doing moderate intensity sport per week (10+ min)	Derived
minVspt10	(D) Average mins doing vigorous intensity sport per week (10+ min)	Derived
MVPA10wk	(D) Average minutes doing MVPA sport per week (vig mins * 2)	Derived
minMspt10x	(D) Average mins doing moderate intensity sport per week (10+ min) -TIME SERIES VERSION	Derived
minVspt10x	(D) Average mins doing vigorous intensity sport per week (10+ min)	Derived
actaX	(D) Other sports intensity (sport 1) - OLD DEFINITIONS	Derived
actbX	(D) Other sports intensity (sport 2) - OLD DEFINITIONS	Derived

Adsp10b	(D) Number of occasions sports 30 mins + , including 10-29 min sessions	Derived
whtac01a	(D) Activity: Swimming ALL 16+	Derived
whtac02a	(D) Activity: Cycling ALL 16+	Derived
whtac03a	(D) Activity: Workout at a gym / exercise bike / weight training ALL 16+	Derived
whtac04a	(D) Activity: Aerobics / keep fit / gymnastics / dance for fitness ALL 16+	Derived
whtac05a	(D) Activity: Any other type of dancing ALL 16+	Derived
whtac06a	(D) Activity: Running / jogging ALL 16+	Derived
whtac07a	(D) Activity: Football / rugby ALL 16+	Derived
whtac08a	(D) Activity: Badminton / tennis ALL 16+	Derived
whtac10a	(D) Activity: Exercises (e.g. press-ups, sit ups) ALL 16+	Derived
whtacAoth	(D) Activity: Any other sport or exercise - section 1	Derived
WhtAcB1a	(D) Bowls	Derived
WhtAcB2a	(D) Fishing/angling	Derived
WhtAcB3a	(D) Golf	Derived
WhtAcB4a	(D) Hillwalking/rambling	Derived
WhtAcB5a	(D) Snooker/billiards/pool	Derived
WhtAcB6a	(D) Aqua-robics/aquafit/exercise class in water	Derived
WhtAcB7a	(D) Yoga/ Pilates	Derived
WhtAcB8a	(D) Athletics	Derived
WhtAcB9a	(D) Basketball	Derived
WhtAcB10a	(D) Canoeing/Kayaking	Derived
WhtAcB11a	(D) Climbing	Derived
WhtAcB15a	(D) Horse riding	Derived
WhtAcB17a	(D) Martial arts including Tai Chi	Derived
WhtAcB18a	(D) Netball	Derived
WhtAcB20a	(D) Rowing	Derived
WhtAcB23a	(D) Skateboarding/inline skating	Derived
WhtAcB27a	(D) Table tennis	Derived
WhtAcB28a	(D) Tenpin bowling	Derived
WhtacBoth	(D) Activity: Any other sport or exercise - section 2	Derived
Whtacoth	(D) Activity: Any other sport or exercise - both sections	Derived
WhtAc0	(D) No sports reported - both sections	Derived

Child physical activity

Children: Main summary measures

ch00tot	(D) Children: Days last week (no lower limit) total activities	Derived
ch00tim	(D) Children: Time last week total activities - no lower limit	Derived
ch00mpd	(D) Children min/day all activities - no lower limit	Derived
ch00mpdg	(D) Children min/day all activities - no lower limit (grouped)	Derived
ch15tot	(D) Children: Days last week 15+min total activities	Derived
ch15totg	(D) Children: Days last week 15+min total activities (grouped)	Derived
ch15tim	(D) Children: Time last week 15+min total activities	Derived
ch15mpd	(D) Children min/day all activities - 15+min	Derived

ch15mpdg	(D) Children min/day all activities - 15+min (grouped)	Derived
ch15sum	(D) Children: Summary classification 15+min activity levels	Derived
ch15sumg	(D) Children: Summary classification 15+min activity levels (grouped)	Derived
ch00sum7	(D) Children: Summary classification activity levels - All activities, no lower limits (all 7 days X 60+mins)	Derived
sprtdays	(D) Number of days sports/exercise (no lower limit)	Derived
ch00sptg	(D) Days last week (no lower limit) sports&exercise (grouped)	Derived
actdays	(D) Number of days active playing (no lower limits)	Derived
ch00plyg	(D) Days last week (no lower limit) active playing (grouped)	Derived
wlkdays	(D) Number of days walking 5mins+	Derived
ch00wlkg	(D) Days last week (5+) mins walking (grouped)	Derived
gardays	(D) Number of days housework/gardening (15+)	Derived
ch00hswg	(D) Days last week (15+) mins housework/gardening (grouped)	Derived
ch00totg	(D) Children: Days last week any physical activities (grouped)	Derived
ch00totS	(D) Children: Days last week all activities INCLUDING SCHOOL - no time limits	Derived
ch00timS	(D) Children: Time last week total activities INC SCHOOL - no lower limit	Derived
ch00mpdS	(D) Children min/day all activities INCLUDING SCHOOL - no lower limit	Derived
ch00mpgS	(D) Children min/day all activities - INCLUDING SCHOOL no lower limit (grouped)	Derived
c00sum7S	(D) Children: Summary classification activity levels - All activities, INCLUDING SCHOOL no lower limits (all 7 days X 60+mins)	Derived

Children: Walking

ChSch	Whether child aged 4 is in primary	Indiv
Wlk5Ch	Child physical activity: Walked at least 5 minutes in last week	Indiv
dwlkchb	Child physical activity: Number of days walked at least 5 minutes past week	Indiv
DayWlkT	Child physical activity: How long spent walking altogether	Indiv
WlkHrs	Child physical activity: Hours spent walking on each day	Indiv
WlkMin	Child physical activity: Minutes spent walking on each day	Indiv
WlkTot	Child physical activity: Wlkhrs + wlkmin in minutes	Derived (CAPI)
ChPace	Child physical activity: Walking pace	Indiv
ch15wlkb	(D) Children: Days last week 15+min brisk walk	Derived
ch15wlkg	(D) Children: Days last week 15+min brisk walk (grouped)	Derived

Children: Housework or gardening

HWkCh	Child physical activity: Any housework or gardening	Indiv
DHWkCh	Child physical activity: Number of days done housework or gardening in past week	Indiv
THWk	Child physical activity: Time spent doing housework or gardening	Indiv
HWkHrs	Child physical activity: Hours spent doing housework or gardening	Indiv
HWkMin	Child physical activity: Minutes spent doing housework or gardening	Indiv
HWkTot	Child physical activity: Hwkhrs + hwkmin in minutes	Derived (CAPI)
ch15hwk	(D) Children: Days last week 15+min housework/gardening	Derived
ch15hwkg	(D) Children: Days last week 15+min housework/gardening (grouped)	Derived

Children: Sports

spt1ch	Child physical activity: Any sport in last week	Indiv
WESpDo	Child physical activity: Any sport at weekend	Indiv
dwespch	Child physical activity: Weekend day done sport	Indiv
lwesp	Child physical activity: Time spent doing sport on weekend	Indiv
WeSpH	Child physical activity: Hours spent doing sport on weekend	Indiv
WeSpM	Child physical activity: Minutes spent doing sport on weekend	Indiv
WeSpT	Child physical activity: Wesph + wespm in minutes	Derived (CAPI)
dayspch	Child physical activity: Number of weekdays done sport in last week	Indiv
lwksp	Child physical activity: Time spent doing sport on weekday	Indiv
WkSpH	Child physical activity: Hours spent doing sport on weekday	Indiv
WkSpM	Child physical activity: Minutes spent doing sport on weekday	Indiv
WkSpT	Child physical activity: Wksph + wkspm in minutes	Derived (CAPI)

Children: Active play

weactch	Child physical activity: Any activities at weekend	Indiv
dweactch	Child physical activity: Weekend day done activity	Indiv
lweact	Child physical activity: Time spent doing activities on weekend	Indiv
WeActH	Child physical activity: Hours spent doing activities on weekend	Indiv
WeActM	Child physical activity: Minutes spent doing activities on weekend	Indiv
WeActT	Child physical activity: Weacth + weactm in minutes	Derived (CAPI)
wkactch	Child physical activity: Number of weekdays done activities in last week	Indiv
lwkact	Child physical activity: Time spent doing activities on each weekday	Indiv
WkActH	Child physical activity: Hours spent doing activities on each weekday	Indiv
WkActM	Child physical activity: Minutes spent doing activities on each weekday	Indiv
WkActT	Child physical activity: Wkacth + wkactm in minutes	Derived (CAPI)
DaysTot	Child physical activity: Number of days in total done activity in last week	Indiv
ch15ply	(D) Children: Days last week 15+min active play	Derived
ch15plyg	(D) Children: Days last week 15+min active play (grouped)	Derived
ch30ply	(D) Children: Days last week 30+min active play	Derived
ch30plyg	(D) Children: Days last week 30+min active play (grouped)	Derived
ch15spt	(D) Children: Days last week 15+min sport	Derived
ch15sptg	(D) Children: Days last week 15+min sport (grouped)	Derived
ch30spt	(D) Children: Days last week 30+min sport	Derived
ch30sptg	(D) Children: Days last week 30+min sport (grouped)	Derived

Children: Sport & active play

Sport	Child physical activity: Any sport or activities done	Indiv
ch15act	(D) Children: Days last week 15+min sport+active play	Derived
ch15actg	(D) Children: Days last week 15+min sport+active play (grouped)	Derived
ch30act	(D) Children: Days last week 30+min sport+active play	Derived
ch30actg	(D) Children: Days last week 30+min sport+active play (grouped)	Derived
SchAct	Child physical activity: Any activity at school in last week	Indiv

SchDays	Child physical activity: Days done activity at school in last week	Indiv
SchTime	Child physical activity: Time spent doing activity at school in last week	Indiv
SchTmH	Child physical activity: Hours spent doing activity at school in last week	Indiv
SchTmM	Child physical activity: Minutes spent doing activity at school in last week	Indiv
schdays2	(D) Number of days active at school in past week (including 0)	Derived
schdays3	(D) Number of days active at school in past week - grouped (including 0)	Derived

Children: General

Usual	Child physical activity: Whether level of activity different from usual	Indiv

Eating Habits

Usbred08	Type of bread usually eaten	Indiv
BrSlice	How many slices or rolls of bread usually eaten on one day	Indiv
Milk08	Type of milk usually bought	Indiv
Cereal08	Type of breakfast cereal usually eaten	Indiv
Cereals	How often eat breakfast cereal	Indiv
Chips	How often eat chips	Indiv
Potatoes	How often eat potatoes	Indiv
Meat03	How often eat meat	Indiv
MeatProd	How often eat meat products (pies, burgers etc)	Indiv
TFish	How often eat tinned tuna fish	Indiv
WFish03	How often eat white fish	Indiv
FshOil03	How often eat oily fish	Indiv
Cheese	How often eat cheese	Indiv
Confec	How often eat sweets or chocolates	Indiv
IceCream	How often eat ice-cream	Indiv
Crisps	How often eat crisps	Indiv
SoftDr18	How often drink soft drinks	Indiv
DietDr18	How often drink diet/low calorie soft drinks	Indiv
MilkDr	How often drink milk	Indiv
CakesEtc	How often eat cakes, scones or pastries	Indiv
Biscuits	How often eat biscuits	Indiv
Biscuit	Number of biscuits usually eaten on one day	Indiv
CakeScon	Number of cakes eaten on one day	Indiv
TFishsu	(D) Frequency of eating tuna fish (summary measure)	Derived
fshoilsu	(D) Frequency of eating oily fish (summary measure)	Derived
wfishsu	(D) Frequency of eating white fish (summary measure)	Derived
anyfishsu	(D) Fish twice or more a week	Derived
meatsu	(D) Frequency of eating red meat (summary measure)	Derived
meatprsu	(D) Frequency of eating meat products (summary measure)	Derived
anymeatsu	(D) Any meat twice or more a week	Derived
milksu	(D) Type of milk (summary measure)	Derived
milksu2	(D) Type of milk (summary measure 2)	Derived
sweetssu	(D) Frequency of eating sweets or chocolates (summary measure)	Derived

biscitsu	(D) Frequency of eating biscuits (summary measure)	Derived
cakessu	(D) Frequency of eating cakes etc (summary measure)	Derived
icecrmsu	(D) Frequency of eating ice cream (summary measure)	Derived
Softdrsu18	(D) Frequency of drinking (non-diet) soft drinks (summary measure)	Derived
Sugarsu18	(D) Sugary snack or drink once a day or more	Derived
crispssu	(D) Frequency of eating crisps/other savoury snacks (summary measure)	Derived
chipssu	(D) Frequency of eating chips (summary measure)	Derived
potatosu	(D) Frequency of eating potatoes/pasta/rice (summary measure)	Derived
cerealal_08	(D) Combined cereal type & volume eaten (fibre/sugar content included)	Derived
cerealal_11	(D) Percentage eating high fibre cereal 5 or more times per week	Derived
breadt08	(D) Bread type: high fibre / white	Derived
breadall	(D) Combined bread type & volume eaten	Derived
breadV	(D) Volume of bread eaten inc. those who don't eat bread (grouped)	Derived

Fruit and vegetable consumption

In 2021, the fruit and vegetable module was only asked of 2-15 year olds. Adults were invited to complete Intake24.

VegSal	Whether ate salad yesterday	Indiv
VegSalQ	Number of bowls of salad eaten yesterday	Indiv
VegPul	Whether pulses eaten yesterday	Indiv
VegPulQ	Number of tablespoons of pulses eaten yesterday	Indiv
VegVeg	Whether 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
FrtDrk09	Drank any fruit juice yesterday	Indiv
FrtDrnkQ	Number of small glasses of fruit juice drank yesterday	Indiv
Frt	Whether any fruit eaten yesterday	Indiv
FrtC01	Type of fruit (1)	Indiv
FrtC02	Type of fruit (2)	Indiv
FrtC03	Type of fruit (3)	Indiv
FrtC04	Type of fruit (4)	Indiv
FrtC05	Type of fruit (5)	Indiv
FrtC06	Type of fruit (6)	Indiv
FrtC07	Type of fruit (7)	Indiv
FrtQ01	How much of fruit (1) was eaten yesterday	Indiv
FrtQ02	How much of fruit (2) was eaten yesterday	Indiv
FrtQ03	How much of fruit (3) was eaten yesterday	Indiv
FrtQ04	How much of fruit (4) was eaten yesterday	Indiv
FrtQ05	How much of fruit (5) was eaten yesterday	Indiv
FrtQ06	How much of fruit (6) was eaten yesterday	Indiv
FrtQ07	How much of fruit (7) was eaten yesterday	Indiv
FrtMor01	Eat any other fresh fruit yesterday (01)	Indiv

FrtMor02	Eat any other fresh fruit yesterday (02)	Indiv
FrtMor03	Eat any other fresh fruit yesterday (03)	Indiv
FrtMor04	Eat any other fresh fruit yesterday (04)	Indiv
FrtMor05	Eat any other fresh fruit yesterday (05)	Indiv
FrtMor06	Eat any other fresh fruit yesterday (06)	Indiv
FrtMor07	Eat any other fresh fruit yesterday (07)	Indiv
FrtDry	Any dried fruit eaten yesterday	Indiv
FrtDryQ	Number of tablespoons of dried fruit eaten yesterday	Indiv
FrtFroz	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 eaten yesterday	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
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
porlge	(D) Portion of large fruit	Derived
porsml	(D) Portion of small fruit	Derived
poroth	(D) Portion of other fruit	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 (including salad)	Derived
frtpor	(D) Total portion of fruit	Derived
porfv	(D) Total portion of fruit and veg	Derived
porftvg	(D) Grouped portions of fruit (including fruit juice) & veg yesterday	Derived
porftvg5	(D) Grouped portions of fruit (including fruit juice) & veg yesterday 5-a-day	Derived
porftvg3	(D) Grouped portions of fruit (including fruit juice) & veg (5/less than 5/none)	Derived
frtpor2	(D) Total portion of fruit (excluding juice)	Derived
frtany	(D) Any fruit (excluding fruit juice)	Derived
vegany	(D) Any veg (including salad)	Derived
porfrt2	(D) Whether ate any all sized fruit	Derived
porveg2	(D) Whether ate any veg (not salad)	Derived
porjuic2	(D) Whether had any fruit juice	Derived
porpul2	(D) Whether had any pulses	Derived
porsal2	(D) Whether had any salad	Derived
porfroz2	(D) Whether had any frozen or tinned fruit	Derived
porvdis2	(D) Whether had any veg in composites	Derived
porfdis2	(D) Whether had any fruit in composites	Derived
pordry2	(D) Whether had any dried fruit	Derived
vegpor2	(D) Whether had any veg including salad	Derived
frtpor3	(D) Whether had any fruit including fruit juice	Derived

Vitamin supplements

PregNTJ	Pregnant at the moment	Indiv
VitTake	Taking vitamins/mineral to improve health	Indiv
VitaminD	Currently taking Vitamin D supplements (inc. as part of multi-vitamin)	Indiv
Folic	Taking any folic acid supplements	Indiv
FolPreg	Taking folic acid supplements before becoming pregnant	Indiv
FolPrg12	Taking folic acid supplements for the first 12 weeks of your pregnancy	Indiv
FolHelp	Taking folic acid supplements because hope to become pregnant	Indiv
VitD	(D) Currently taking Vitamin D supplements	Derived

Intake24

Intake24 – Admin

InAdCon	Whether respondent willing to take part in INTAKE24	Indiv
InRefRea	Reasons for refusing to complete INTAKE24: Illness	Indiv
InRefRe2	Reasons for refusing to complete INTAKE24: Not feeling well	Indiv
InRefRe3	Reasons for refusing to complete INTAKE24: Not interested	Indiv
InRefRe4	Reasons for refusing to complete INTAKE24: No time	Indiv
InRefRe5	Reasons for refusing to complete INTAKE24: Already answered questions about diet	Indiv
InRefRe6	Reasons for refusing to complete INTAKE24: Not comfortable sharing information about diet	Indiv
InRefRe7	Reasons for refusing to complete INTAKE24: Not comfortable with information being entered online	Indiv
InRefRe8	Reasons for refusing to complete INTAKE24: Other (specify)	Indiv
InRefRe9	Reasons for refusing to complete INTAKE24: Does not wish to give reason	Indiv
InUnRea1	Reason respondent unable to do Intake24 on own: No internet	Indiv
InUnRea2	Reason respondent unable to do Intake24 on own: Literacy issues	Indiv
InUnRea3	Reason respondent unable to do Intake24 on own: Health problems/disability	Indiv
InUnRea4	Reason respondent unable to do Intake24 on own: Not confident using the internet	Indiv
InUnRea5	Reason respondent unable to do Intake24 on own: Other reason (specify)	Indiv
Intake24Inv	(D) Whether individual was invited to take part in Intake24	Derived
InIntake24	Responded to Intake24	Indiv
NumberOfRecalls	Number of Recalls	Indiv
NDays	Number of recall days	Indiv

Intake24 – Dietary data

Energykcal	Total energy (kcal) diet only	Indiv
FoodEkcal	Food energy (kcal) diet only	Derived
EnergyDensity	Energy density (kcal/100g)	Derived
Fatg	Fat (g) diet only	Indiv
FatpcfoodE	Fat percent food energy	Indiv
FatpcfoodEmtg	Meeting fat percent food energy recommendation	Derived

FatpctotE	Fat percent total energy	Indiv
Saturatedfattyacidsg	Saturated fatty acids (g) diet only	Indiv
SFApcfoodE	Saturated fatty acids percent food energy	Indiv
SFApcfoodEmtg	Meeting saturated fatty acids percent food energy recommendation	Derived
SFApctotE	Saturated fatty acids percent total energy	Indiv
FreeSugarsg	Free sugars (g) diet only	Indiv
FreeSugarspcfoodE	Free sugars percent food energy	Indiv
FreeSugarspctotE	Free sugars percent total energy	Indiv
FreeSugarspctotEmtg	Meeting free sugars percent total energy recommendation	Derived
AOACFibreg	AOAC Fibre (g) diet only	Indiv
AOACFibregmtg	Meeting AOAC Fibre (g) recommendation	Derived
Totfruitvegportions	5-a-day portions (portions/day)	Derived
Achieve5	Consuming 5 or more portions per day of fruit and vegetables	Derived
totalredmeat	Total red meat (incl from composite dishes) (g)	Derived
totalredmeatmtg70	Meeting total red meat 70g recommendation	Derived
totalredmeatmtg90	Total red meat between 70g and 90g recommendation	Derived
totalredmeatgt90	Exceeding total red meat 90g recommendation	Derived
porftvg5Intake	(D) Grouped portions of fruit & veg (Intake24 - derived from Totfruitvegportions)	Derived
porftvg3Intake	(D) Grouped portions of fruit & veg (Intake24 - derived from Totfruitvegportions)	Derived

Smoking

Most of the smoking data is collected in the CAPI interview from all respondents age 20 and over, and in the young adult self-completion booklet from all 16-17 year olds. 18-19 year olds are given the self-completion booklet at the discretion of the interviewer, otherwise they respond in the CAPI interview. In 2021, 16-19 year olds could also answer the self-completion questionnaire online.

The common data items from all sources are combined into a single set of variables, however the original variables from each source are also present in the dataset. Where the source is SC YA, the variables are the paper and online variables combined. The list below gives the combined variable for all respondents aged 16 and over. Derived variables used in reporting were created from the combined variables.

Also listed separately are any variables that are asked in the CAPI progam, and those asked in the young adult paper or online self-completion questionnaire.

Combined CAPI and self-completion

Smkevr	(D) Whether ever smoked cigarette/cigar/pipe	Derived
Cignow	(D) Whether smoke cigarettes nowadays	Derived
Cigevr	(D) Whether ever smoked cigarettes	Derived
Cigregs	(D) How frequently used to smoke	Derived
Cigwday	(D) Number cigarettes smoke on weekday	Derived
Cigwend	(D) Number cigarettes smoke on weekend day	Derived
eCigEvr16	(D) Ever used an electronic cigarette or any other vaping device	Derived
eCigNow16	(D) Uses electronic cigarettes or vaping device nowadays	Derived
passmk1	(D) Ever exposed to passive smoke: At home	Derived
passmk2	(D) Ever exposed to passive smoke: At work	Derived
passmk3	(D) Ever exposed to passive smoke: In other people's homes	Derived
passmk4a	(D) Ever exposed to passive smoke: In cars / vans etc	Derived
passmk5a	(D) Ever exposed to passive smoke: Outside buildings (e.g. pubs, shops, hospitals)	Derived
passmk6a	(D) Ever exposed to passive smoke: In other public places	Derived
passmk7a	(D) Ever exposed to passive smoke: None of these	Derived
bothersm	(D) Whether passive smoking bothers respondent	Derived
cigdyal	(D) Number of cigarettes smoke a day - inc. non-smokers	Derived
cigst1	(D) Cigarette Smoking Status - Never/Ex-reg/Ex-occ/Current	Derived
cigst2	(D) Cigarette Smoking Status - Banded current smokers	Derived
cigst3	(D) Cigarette smoking status - 3 categories	Derived
rcigst1	(D) Cigarette Smoking Status - Never &Ex-occ/Ex-reg/Current	Derived
rcigst2	(D) Current smokers split into < 20 and 20+	Derived
rcigst3	(D) Smoking status and number of cigarettes a day	Derived
ecigVNw16	(D) Respondent uses e-cigarettes or vaping device at all nowadays	Derived
ecigtot16	(D) Respondent use of e-cigarettes or vaping device (now / ever / never)	Derived
Dualuse	(D) Current dual cigarette and e-cigarette use	Derived
psmkhm	(D) Ever exposed to passive smoke in own or others home	Derived
psmkpp	(D) Exposed to smoke in public place	Derived

CAPI

SmokEv08	Whether ever smoked cigarettes (CAPI)	Indiv
SmokEv09	Whether ever smoked cigars (CAPI)	Indiv
SmokEv10	Whether ever smoked a pipe (CAPI)	Indiv
SmokEv11	Never smoked (CAPI)	Indiv
SmokEver	(D) Whether ever smoked cigarette/cigar/pipe (CAPI)	Derived
SmokeNow	Whether smokes cigarettes nowadays (CAPI)	Indiv
DlySmoke	Number cigarettes smoke on weekday (CAPI)	Indiv
DlyEst	Weekdays tobacco grams or oz (CAPI)	Indiv
DlyG	Amount of tobacco smoked on weekdays in grams (CAPI)	Indiv
DlyOz	Amount of tobacco smoked on weekdays in ounces (CAPI)	Indiv
WkndSmok	Number cigarettes smoke on weekends (CAPI)	Indiv
WkndEst	Weekends tobacco grams or oz (CAPI)	Indiv
WkndG	Amount of tobacco smoked on weekends in grams (CAPI)	Indiv
WkndOz	Amount of tobacco smoked on weekends in ounces (CAPI)	Indiv
SmokeReg	Whether smoked cigarettes regularly (CAPI)	Indiv
NumSmok	How many cigarettes used to smoke (CAPI)	Indiv
NumEst	Tobacco used to smoke grams or ounces (CAPI)	Indiv
NumG	Amount of tobacco used to smoke in grams (CAPI)	Indiv
NumOz	Amount of tobacco used to smoke in ounces (CAPI)	Indiv
SmokYrs	No. of years smoked (CAPI)	Indiv
EndSmoke	Years since stopped smoking (CAPI)	Indiv
LongEnd	How many months (CAPI)	Indiv
StartSmk	Age when started smoking (CAPI)	Indiv
drsmoke	Whether medical practitioner advised to stop smoking (CAPI)	Indiv
drsmoke1	How long ago advised to stop smoking (CAPI)	Indiv
SmokStop	Number of times tried to stop smoking (CAPI)	Indiv
stoplong	Longest period ever managed to stop smoking (CAPI)	Indiv
StopWant	Whether wants to give up smoking (CAPI)	Indiv
ECigEv16	Ever used an electronic cigarette or vaping device (CAPI)	Indiv
ECigNw16	Uses electronic cigarettes nowadays or vaping device (CAPI)	Indiv
OftECigC	How often in the last four weeks used an e-cigarette or vaping device (CAPI)	Indiv
ECigReg	Used an e-cigarette or vaping device regularly or once or twice (CAPI)	Indiv
OftECigX	How often used an e-cigarette or vaping device in a typical four week period (CAPI)	Indiv
StrtECig	Age first tried an e-cigarette or vaping device (CAPI)	Indiv
ECigYrC	How long been using an e-cigarette or vaping device (years) (CAPI)	Indiv
ECigMthC	How long been using an e-cigarette or vaping device (months) (CAPI)	Indiv
ECigYrX	How long used an e-cigarette or vaping device (years) (CAPI)	Indiv
ECigMthX	How long used an e-cigarette or vaping device (months) (CAPI)	Indiv
WhchFrst	Smoked tobacco cigarettes before first trying e-cigarettes / vaping devices (CAPI)	Indiv
UseNRT1c	NRT: nicotine gum	Indiv
UseNRT2c	NRT: nicotine patches on skin	Indiv
UseNRT3c	NRT: nasal spray/nicotine inhaler	Indiv

UseNRT4c	NRT: lozenge/microtab	Indiv
UseNRT5c	NRT: Champix/Varenicline	Indiv
UseNRT6c	NRT: Zyban/Bupropion	Indiv
UseNRT7e	NRT: electronic cigarette/vaping device	Indiv
UseNRT8d	NRT: other	Indiv
UseNRT9d	NRT: not used	Indiv
NRTHelp1	Nicotine gum helped to successfully stop smoking for a month or more	Indiv
NRTHelp2	Nicotine patches helped to successfully stop smoking for a month or more	Indiv
NRTHelp3	Nasal spray/nicotine inhaler helped to successfully stop smoking for a month or more	Indiv
NRTHelp4	Lozenge/microtab helped to successfully stop smoking for a month or more	Indiv
NRTHelp5	Champix/Varenicline helped to successfully stop smoking for a month or more	Indiv
NRTHelp6	Zyban/Bupropion helped to successfully stop smoking for a month or more	Indiv
NRTHelp7	Electronic cigarette/vaping device helped to successfully stop smoking for a month or more	Indiv
NRTSupp1	Smoking cessation support: Pharmacy	Indiv
NRTSupp2	Smoking cessation support: GP practice nurse	Indiv
NRTSup3a	Smoking cessation support: GP	Indiv
NRTSup4a	Smoking cessation support: specialist cessation advisor	Indiv
NRTSupp5	Smoking cessation support: other	Indiv
NRTSupp6	Smoking cessation support: none	Indiv
NRTpresc	Smoking cessation products on prescription or not	Indiv
Passive1	Whether exposed to 2nd hand smoke: at own home (CAPI)	Indiv
Passive2	Whether exposed to 2nd hand smoke: at work (CAPI)	Indiv
Passive3	Whether exposed to 2nd hand smoke: other people's home (CAPI)	Indiv
Passive4a	Whether exposed to 2nd hand smoke: cars/vans (CAPI)	Indiv
Passive5a	Whether exposed to 2nd hand smoke: outside buildings e.g. pubs, shops, hospitals (CAPI)	Indiv
Passive6a	Whether exposed to 2nd hand smoke: other public places (CAPI)	Indiv
Passive7a	Whether exposed to 2nd hand smoke: none of these places (CAPI)	Indiv
Bother	Does passive smoke bother respondent (CAPI)	Indiv
whensadv	(D) When advice given - includes received no advice	Derived
longstop	(D) How long since stopped smoking - grouped	Derived
whstop	(D) Length of time since stopped regular smoking	Derived
Nicuse18	(D) Used nicotine products	Derived

Self-completion (paper and online)

DSMKE081	Ever smoked a cigar or a pipe: Yes - cigar (SC)	SC YA
DSMKE082	Ever smoked a cigar or a pipe: Yes - pipe (SC)	SC YA
DSMKE083	Ever smoked a cigar or a pipe: No (SC)	SC YA
DSmokCig	Ever smoked cigarettes (SC)	SC YA
DCigAge	Age first tried a cigarette (SC)	SC YA
DSmokNow	Currently smokes cigarettes (SC)	SC YA
DSmokReg	Whether was regular or occasional cigarette smoker (SC)	SC YA

DDlySmok	No. of cigarettes smoked during weekdays (SC)	SC YA
DWkndSmo	No. of cigarettes smoke during one day at weekend (SC)	SC YA
DECgEv16	Ever used an e-cigarette or vaping device (SC)	SC YA
DECgNw16	Use e-cigarettes or vaping devices at all nowadays (SC)	SC YA
DEcgReg	Whether was regular e-cigarette/vaping device user (SC)	SC YA
DOftECgC	Number of times e-cigarettes or vaping devices used in last 4 weeks (SC)	SC YA
DOftEigX	Number of times e-cigarettes or vaping devices used in typical 4 week period (SC)	SC YA
DStrtEcg	Age first tried an e-cigarette or vaping device (SC)	SC YA
DEcigYr	Years using/used e-cigarette or vaping device (SC)	SC YA
DEcigMth	Months using/used e-cigarette or vaping device (SC)	SC YA
DWhch1st	Whether started smoking tobacco cigarettes before trying e-cigarettes/vaping devices (SC)	SC YA
NoSmoke1	Near people smoking: At home (SC)	SC YA
NoSmoke2	Near people smoking: At work (SC)	SC YA
NoSmoke3a	Near people smoking: In other people's homes (SC)	SC YA
NoSmoke4a	Near people smoking: In cars, vans etc (SC)	SC YA
NoSmoke5a	Near people smoking: Outside of buildings (SC)	SC YA
NoSmoke6a	Near people smoking: In other public places (SC)	SC YA
NoSmoke7a	Near people smoking: No, none of these (SC)	SC YA
BothSmo	Does passive smoking bother respondent (SC)	SC YA
dsmokev8	(D) Whether smoked/cigarette/cigar/pipe (SC)	Derived

Drinking

Most of the drinking data is collected in the CAPI interview from all respondents age 20 and over, and in the young adult self-completion booklet from all 16-17 year olds. 18-19 year olds are given the self-completion booklet at the discretion of the interviewer, otherwise they respond in the CAPI interview. In 2021, 16-19 year olds could also answer the self-completion questionnaire online.

The common data items from all sources are combined into a single set of variables, however the original variables from each source are also present in the dataset. Where the source is SC YA, the variables are the paper and online variables combined. The list below gives the combined variable for all respondents aged 16 and over.

Also listed separately are any variables that are asked in the CAPI progam, and those asked in the young adult paper or online self-completion questionnaire.

Questions on problem drinking are asked in the self-completion questionnaires for both young adults and adults.

General combined

dnnow	(D) Whether drink nowadays	Derived
dnany	(D) Whether drinks occasionally or never drinks	Derived
dnevr	(D) Whether always non-drinker	Derived
alcstatus	(D) Drinking status summary - using filter variables	Derived
alclim15	(D) Whether exceeds government recommendations on alcohol consumption – 2016 guidelines	Derived
alclimLW	(D) Whether exceeds daily government recommendations on alcohol consumption	Derived
DrkWher1	(D) Where drinks most alcohol	Derived
Drnkwth1	(D) Who drinks most alcohol with	Derived

Drinking in the last 12 months - combined

nberf	(D) Frequency drank normal beer last 12 months	Derived
sberf	(D) Frequency drank strong beer last 12 months	Derived
spirf	(D) Frequency drank spirits last 12 months	Derived
sherf	(D) Frequency drank sherry last 12 months	Derived
winef	(D) Frequency drank wine last 12 months	Derived
popsf	(D) Frequency drank alcopops last 12 months	Derived
dnoft	(D) Frequency drank any alcoholic drink last 12 months	Derived
nberqhp	(D) Amount of normal beer (half-pints) usually drank/day	Derived
sberqhp	(D) Amount of strong beer (half-pints) usually drank/day	Derived
nberqsm	(D) Amount normal beer (small cans/bottles) usually drank/day	Derived
nberqlg	(D) Amount normal beer (large cans/bottles) usually drank/day	Derived
sberqsm	(D) Amount strong beer (small cans/bottles) usually drank/day	Derived
sberqlg	(D) Amount strong beer (large cans/bottles) usually drank/day	Derived
spirqme	(D) Amount spirits (measures) usually drank/day	Derived
sherqgs	(D) Amount sherry (glasses) usually drank/day	Derived

win250g	(D) Amount wine (250 ml glasses) usually drank/day	Derived
win175g	(D) Amount wine (175 ml glasses) usually drank/day	Derived
win125g	(D) Amount wine (125 ml glasses) usually drank/day	Derived
win125b	(D) Amount of wine (125 ml glasses from bottles) usually drank/day	Derived
popsqsc	(D) Amount alcopops (small cans) usually drank/day	Derived
popsqsb	(D) Amount alcopops (275 ml bottles) usually drunk/day	Derived
popsqlb	(D) Amount alcopops (750 ml bottles) usually drunk/day	Derived
drating	(D) Total Units of alcohol/week	Derived
alcbase	(D) Alcohol consumption rating units/week	Derived
alcbsm15	(D) Alcohol consumption: men	Derived
alcbswt	(D) Alcohol consumption: women	Derived
overlim15	(D) Drinking in relation to weekly limits (includes non-drinkers)	Derived
alcbsm215	(D) Alcohol consumption: men version 2	Derived
alcbswt2	(D) Alcohol consumption: women version 2	Derived
drnkoft1	(D) Frequency of drinking alcohol (ALL 16+)	Derived
drkcat	(D) Weekly drinking category	Derived
drkcat_200	(D) Weekly drinking category - excluding all over 200	Derived
drkcat3	(D) Weekly drinking category - 3 categories (non/moderate/hazardous or harmful)	Derived
drkcat15	(D) Weekly drinking category – 2016 guidelines	Derived
drkcat_215	(D) Weekly drinking category - excluding all over 200 - 2016 guidelines	Derived
drkcat315	(D) Weekly drinking category - 3 categories (non/moderate/hazardous or harmful) -2016 guidelines	Derived

Drinking in the last 7 days - combined

d7day	(D) Whether had drink in last 7 days	Derived
d7many	(D) Days in last 7 had a drink	Derived
d7typ1	(D) Heaviest day: Normal Beer	Derived
d7typ2	(D) Heaviest day: Strong Beer	Derived
d7typ3	(D) Heaviest day: Spirits	Derived
d7typ4	(D) Heaviest day: Sherry	Derived
d7typ5	(D) Heaviest day: Wine	Derived
d7typ6	(D) Heaviest day: Alcopops	Derived
d7typ7	(D) Heaviest day: Other alcoholic drinks	Derived
d7typ8	(D) Heaviest day: Low alcohol drinks	Derived
nberqhp7	(D) Amount of normal beer (half-pints) on heaviest day	Derived
nberqsm7	(D) Amount normal beer (small cans / bottles) on heaviest day	Derived
nberqlg7	(D) Amount normal beer (large cans / bottles) on heaviest day	Derived
sberqhp7	(D) Amount of strong beer (half-pints) on heaviest day	Derived
sberqsm7	(D) Amount strong beer (small cans / bottles) on heaviest day	Derived
sberqlg7	(D) Amount strong beer (large cans / bottles) on heaviest day	Derived
spirqme7	(D) Amount spirits (measures) on heaviest day	Derived
sherqgs7	(D) Amount sherry (glasses) on heaviest day	Derived
w250gl7	(D) Amount wine (250 ml glasses) on heaviest day	Derived

w175gl7	(D) Amount wine (175 ml glasses) on heaviest day	Derived
w125gl7	(D) Amount wine (125 ml glasses) on heaviest day	Derived
w125bl7	(D) Amount wine (125 ml glasses from bottles) on heaviest day	Derived
popscl7	(D) Amount alcopops (small cans) on heaviest day	Derived
popsbl7	(D) Amount alcopops (275 ml bottles) on heaviest day	Derived
poplbl7	(D) Amount alcopops (700 ml bottles) on heaviest day	Derived
nberwu	(D) Units of normal beer/week	Derived
sberwu	(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
d7ut08	(D) Units drunk on heaviest day in last 7 (revised wine and alcopops)	Derived
d7ut08g	(D) Adjusted for wine beer and alcopops - units drunk on heaviest day in last 7 (grouped)	Derived
dlimtm4	(D) Heaviest day - over daily limit - men - More than 4 units	Derived
dlimtw3	(D) Heaviest day - over daily limit - women - More than 3 units	Derived
dlimtw6	(D) Heaviest day - over daily limit - women - More than 6 units	Derived
dlimtm8	(D) Heaviest day - over daily limit - men - More than 8 units	Derived
d7ut08_2	(D) Units drunk on heaviest day (ALL 16+)	Derived
d7ut08g_2	(D) Units drunk on heaviest day in last 7 (ALL 16+ grouped) including non-drinkers	Derived
dlimt4v2	(D) Heaviest day - over daily limit - men - More than 4 units - ALL 16+	Derived
dlimt3v2	(D) Heaviest day - over daily limit - women - More than 3 units - ALL 16+	Derived
dlimt6v2	(D) Heaviest day - over daily limit - women - More than 6 units - ALL 16+	Derived
dlimt8v2	(D) Heaviest day - over daily limit - men - More than 8 units - ALL 16+	Derived
ovlimLW	(D) Whether drank over recommended limits in last week	Derived
olimLWa	(D) Drinking over (3/4) units in day (includes non-drinkers)	Derived
olimLWb	(D) Drinking over (6/8) units in day (includes non-drinkers)	Derived
d7_6plus	(D) Drank on 6 or more days a week	Derived
alcgrp16	(D) Alcohol consumption in the last week - non-drinker / ex-drinker / moderate / hazardous / harmful	Derived

CAPI

Drink	Whether drinks nowadays (CAPI)	Indiv
DrinkAny	Whether drinks occasionally or never drinks (CAPI)	Indiv
AlwaysTT	Whether always non-drinker (CAPI)	Indiv
NBeer	How often drunk normal strength beer in past year (CAPI)	Indiv
NBeerM1	Quantity of normal beer drunk in past year: Half pints (CAPI)	Indiv
NBeerM2	Quantity of normal beer drunk in past year: Small cans (CAPI)	Indiv
NBeerM3	Quantity of normal beer drunk in past year: Large cans (CAPI)	Indiv
NBeerM4	Quantity of normal beer drunk in past year: Bottles (CAPI)	Indiv
NBeerQ1	Amount of normal beer drunk on one day (half pints) (CAPI)	Indiv
NBeerQ2	Amount of normal beer drunk on one day (small cans) (CAPI)	Indiv

NBeerQ3	Amount of normal beer drunk on one day (large cans) (CAPI)	Indiv
nberqbt	Amount of normal beer drunk on one day (bottles) (CAPI)	Indiv
NCodeEq	Pint equivalent of normal beer bottles (CAPI)	Indiv
SBeer	How often drunk strong beer in past year (CAPI)	Indiv
SBeerM1	Quantity of strong beer drunk in past year: Half pints (CAPI)	Indiv
SBeerM2	Quantity of strong beer drunk in past year: Small cans (CAPI)	Indiv
SBeerM3	Quantity of strong beer drunk in past year: Large cans (CAPI)	Indiv
SBeerM4	Quantity of strong beer drunk in past year: Bottles (CAPI)	Indiv
SBeerQ1	Amount of strong beer drunk on one day (half pints) (CAPI)	Indiv
SBeerQ2	Amount of strong beer drunk on one day (small cans) (CAPI)	Indiv
SBeerQ3	Amount of strong beer drunk on one day (large cans) (CAPI)	Indiv
sberqbt	Amount of strong beer drunk on one day (bottles) (CAPI)	Indiv
SCodeEq	Pint equivalent of strong beer bottles (CAPI)	Indiv
Spirits	How often drunk spirits in past year (CAPI)	Indiv
SpiritsQ	Number of single shots of spirits drunk on one day (CAPI)	Indiv
Sherry	How often drunk sherry in past year (CAPI)	Indiv
SherryQ	Number of glasses of sherry drunk on one day (CAPI)	Indiv
Wine	How often drunk wine in past year (CAPI)	Indiv
WineQ	Measure respondent used for wine consumption (CAPI)	Indiv
WQBt	Number of 125 ml glasses (from bottles) drunk on one day (CAPI)	Indiv
WQGl	Number of glasses any size (as glasses) drunk on one day (CAPI)	Indiv
WQGlz1	Whether usually drank wine from 250 ml glasses (CAPI)	Indiv
WQGlz2	Whether usually drank wine from 175 ml glasses (CAPI)	Indiv
WQGlz3	Whether usually drank wine from 125 ml glasses (CAPI)	Indiv
Q250Glz	Number of large glasses (250ml) of wine usually drunk (CAPI)	Indiv
Q175Glz	Number of standard glasses (175ml) of wine usually drunk (CAPI)	Indiv
Q125Glz	Number of small glasses (125ml) of wine usually drunk (CAPI)	Indiv
Pops03	How often drunk alcopops in past year (CAPI)	Indiv
PopsM031	Whether usually drank small cans of alcopops (CAPI)	Indiv
PopsM032	Whether usually drank standard (275ml) bottles of alcopops (CAPI)	Indiv
PopsM033	Whether usually drank large (700 ml) bottles of alcopops (CAPI)	Indiv
PopsQ031	Amount of alcopops drunk on one day (small cans) (CAPI)	Indiv
PopsQ032	Amount of alcopops drunk on one day (275 ml bottles) (CAPI)	Indiv
PopsQ033	Amount of alcopops drunk on one day (700 ml bottles) (CAPI)	Indiv
AlcotA	Drunk any other types of alcoholic drink in the last 12 months (CAPI)	Indiv
DrinkOft	Frequency drank any alcoholic drink last 12 months (CAPI)	Indiv
DrinkL7	Whether had drink in last 7 days (CAPI)	Indiv
DrnkDay	How many days in last 7 had a drink (CAPI)	Indiv
DrnkSame	Whether drank more on a particular day in last 7 days (CAPI)	Indiv
WhichDay	Which day drank most in last 7 (CAPI)	Indiv
drnkty01	Normal strength beer/lager/cider/shandy in last 7 days (CAPI)	Indiv
drnkty02	Strong beer/lager/cider/shandy in last 7 days (CAPI)	Indiv
drnkty03	Spirits or liqueurs in last 7 days (CAPI)	Indiv
drnkty04	Sherry/Martini/Buckfast in last 7 days (CAPI)	Indiv
drnkty05	Wine in last 7 days (CAPI)	Indiv

drnkty06	Alcopops/pre-mixed drinks in last 7 days (CAPI)	Indiv
drnkty07	Other alcoholic drinks in last 7 days (CAPI)	Indiv
drnkty08	Low alcohol drinks in last 7 days (CAPI)	Indiv
NBrL71	Heaviest day normal beer: Half pints (CAPI)	Indiv
NBrL72	Heaviest day normal beer: Small cans (CAPI)	Indiv
NBrL73	Heaviest day normal beer: Large cans (CAPI)	Indiv
NBrL74	Heaviest day normal beer: Bottles (CAPI)	Indiv
NBrL7Q1	Amount normal beer (1/2 pints) on heaviest day (CAPI)	Indiv
NBrL7Q2	Amount normal beer (small cans) on heaviest day (CAPI)	Indiv
NBrL7Q3	Amount normal beer (large cans) on heaviest day (CAPI)	Indiv
nberqbt7	Amount normal beer (bottles) on heaviest day (CAPI)	Indiv
L7NCodEq	Normal beer bottle size (pint equivalent) - heaviest day (CAPI)	Indiv
SBrL71	Heaviest day strong beer: Half pints (CAPI)	Indiv
SBrL72	Heaviest day strong beer: Small cans (CAPI)	Indiv
SBrL73	Heaviest day strong beer: Large cans (CAPI)	Indiv
SBrL74	Heaviest day strong beer: Bottles (CAPI)	Indiv
SBrL7Q1	Amount strong beer (1/2 pints) on heaviest day (CAPI)	Indiv
SBrL7Q2	Amount normal beer (small cans) on heaviest day (CAPI)	Indiv
SBrL7Q3	Amount normal beer (large cans) on heaviest day (CAPI)	Indiv
sberqbt7	Amount strong beer (bottles) on heaviest day (CAPI)	Indiv
L7SCodEq	Strong beer bottle size (pint equivalent) - heaviest day (CAPI)	Indiv
SpirL7	Amount of spirits (single shots) on heaviest day (CAPI)	Indiv
ShryL7	Amount of sherry (glasses) on heaviest day (CAPI)	Indiv
WineL7	Wine on heaviest day - measure used (CAPI)	Indiv
WL7Bt	Number of 125 ml glasses (from bottles) drunk on heaviest day (CAPI)	Indiv
WL7Gl	Number of glasses any size (as glasses) drunk on heaviest day (CAPI)	Indiv
WL7Glz1	Heaviest day wine: 250ml glasses (CAPI)	Indiv
WL7Glz2	Heaviest day wine: 175ml glasses (CAPI)	Indiv
WL7Glz3	Heaviest day wine: 125ml glasses (CAPI)	Indiv
ml250Glz	Amount of wine (250ml glasses) on heaviest day (CAPI)	Indiv
ml175Glz	Amount of wine (175ml glasses) on heaviest day (CAPI)	Indiv
ml125Glz	Amount of wine (125ml glasses) on heaviest day (CAPI)	Indiv
PopsL71	Heaviest day alcopops: small cans (CAPI)	Indiv
PopsL72	Heaviest day alcopops: 275ml bottles (CAPI)	Indiv
PopsL73	Heaviest day alcopops: 700ml bottles (CAPI)	Indiv
PopsL7Q1	Amount of alcopops (small cans) on heaviest day (CAPI)	Indiv
PopsL7Q2	Amount of alcopops (275ml bottles) on heaviest day (CAPI)	Indiv
PopsL7Q3	Amount of alcopops (700ml bottles) on heaviest day (CAPI)	Indiv
DrWher1	Where drink most alcohol (CAPI)	Indiv
DrWith1	Who drink most alcohol with (CAPI)	Indiv

Self-completion (paper and online)

DDrink	Whether drinks nowadays (SC)	SC YA
DDrinkan	Whether drinks occasionally or never (SC)	SC YA

DAlwayTT	Always non-drinker or stopped (SC)	SC YA
DDrkAg08	Age first alcoholic drink (SC)	SC YA
DNBeer	Frequency drank normal strength beer etc in past year (SC)	SC YA
DNBeerQ0	Amount of normal beer etc on one day (half-pints) (SC)	SC YA
DNBeerQ2	Amount of normal beer etc on one day (large cans or bottles) (SC)	SC YA
DNBeerQ3	Amount of normal beer etc on one day (small cans or bottles) (SC)	SC YA
DSBeer	Frequency drank strong beer etc in past year (SC)	SC YA
DSBeerQ0	Amount of strong beer etc on one day (half-pints) (SC)	SC YA
DSBeerQ2	Amount of strong beer etc on one day (large cans or bottles) (SC)	SC YA
DSBeerQ3	Amount of strong beer etc on one day (small cans or bottles) (SC)	SC YA
DSpirits	Frequency drank spirits in last 12 months (SC)	SC YA
DSpiritQ	Amount of spirits usually drank in one day (singles) (SC)	SC YA
DShery08	Frequency drank sherry in last 12 months (SC)	SC YA
DShryQ08	Amount of sherry usually drank in one day (glasses) (SC)	SC YA
DWine08	Frequency drank wine in last 12 months (SC)	SC YA
DWin08Q0	Amount of wine usually drank in one day (large glasses) (SC)	SC YA
DWin08Q2	Amount of wine usually drank in one day (standard glasses) (SC)	SC YA
DWin08Q3	Amount of wine usually drank in one day (small glasses) (SC)	SC YA
DWin08Q4	Amount of wine usually drank in one day (bottles) (SC)	SC YA
DPops08	Frequency drank alcoholic soft drinks in past year (SC)	SC YA
DPop08Q0	Amount of alcoholic soft drinks in one day (small cans) (SC)	SC YA
DPop08Q2	Amount of alcoholic soft drinks in one day (standard bottles) (SC)	SC YA
DPop08Q3	Amount of alcoholic soft drinks in one day (large bottles) (SC)	SC YA
DAlcotA	Any other kinds of alcoholic drink (SC)	SC YA
DDrinkOf	Freq of drinking over last 12 months (all types of alcoholic drinks) (SC)	SC YA
DDrinkL7	Alcoholic drink in last 7 days (SC)	SC YA
DDrnkDay	Number of days in last 7 had alcoholic drink (SC)	SC YA
DDkTyp1	Normal strength beer in last 7 days (SC)	SC YA
DDkTyp2	Strong beer in last 7 days (SC)	SC YA
DDkTyp3	Spirits in last 7 days (SC)	SC YA
DDkTyp4	Sherry/Buckfast in last 7 days (SC)	SC YA
DDkTyp5	Wine in last 7 days (SC)	SC YA
DDkTyp6	Alcopops in last 7 days (SC)	SC YA
DDKTyp7	Other in last 7 days (SC)	SC YA
DDkTyp8	Other drink in the last 7 days (SC)	SC YA
DNBL7Q0	Amount of normal beer etc on day drank most (half-pints) (SC)	SC YA
DNBL7Q2	Amount of normal beer etc on day drank most (large cans or bottles) (SC)	SC YA
DNBL7Q3	Amount of normal beer etc on day drank most (small cans or bottles) (SC)	SC YA
DSBL7Q0	Amount of strong beer on day drank most (half pints) (SC)	SC YA
DSBL7Q2	Amount of strong beer etc on day drank most (large cans or bottles) (SC)	SC YA
DSBL7Q3	Amount of strong beer etc on day drank most (small cans or bottles) (SC)	SC YA
DSpirL7Q	Amount of spirits on day drank most (glasses) (SC)	SC YA
DSR08L7Q	Amount of sherry on day drank most (glasses) (SC)	SC YA
DW08L7Q0	Amount of wine on day drank most (large glasses) (SC)	SC YA
DW08L7Q2	Amount of wine on day drank most (standard glasses) (SC)	SC YA

DW08L7Q3	Amount of wine on day drank most (small glasses) (SC)	SC YA
DW08L7Q4	Amount of wine on day drank most (bottles) (SC)	SC YA
DP08L7Q0	Amount of alcoholic soft drinks on day drank most (small cans) (SC)	SC YA
DP08L7Q2	Amount of alcoholic soft drinks on day drank most (standard bottles) (SC)	SC YA
DP08L7Q3	Amount of alcoholic soft drinks on day drank most (large bottles) (SC)	SC YA
DDRWR08	Where drink most alcohol (SC)	SC YA
DDRWT08	Who drink most alcohol with (SC)	SC YA

Problem drinking

Note: these questions were asked in adult and young adult self-completion.

DXOFT	How often do you have a drink containing alcohol (SC)	SC YA/A
DXNUM	How many drinks containing alcohol do you have on a typical day when you are drinking (SC)	SC YA/A
DXBINGE	How often do you have six or more drinks on one occasion (SC)	SC YA/A
DXNSTOP	How often during the last year have you found that you were not able to stop drinking once you had started (SC)	SC YA/A
DXFAIL	How often during the last year have you failed to do what was normally expected of you because of drinking (SC)	SC YA/A
DXFIRST	How often during the last year have you needed a first drink in the morning to get yourself going after a heavy drinking session (SC)	SC YA/A
DXGUILT	How often during the last year have you had a feeling of guilt or remorse after drinking (SC)	SC YA/A
DXUNABLE	How often during the last year have you been unable to remember what happened the night before because of your drinking (SC)	SC YA/A
DXINJURE	Have you or someone else been injured because of your drinking (SC)	SC YA/A
DXCUT	Has a relative, friend, doctor or other health care worker been concerned about your drinking or suggested you cut down (SC)	SC YA/A
DRUNK1	Been drunk at least once a week, on average, in the last three weeks (SC)	SC YA/A
AUDIT	(D) Alcohol Use Disorders Identification Test Score (0-40)	Derived
AUDITG	(D) Alcohol Use Disorders Identification Test Score - grouped (0-7/8+)	Derived
AUDIT2	(D) Alcohol Use Disorders Identification Test Score - grouped (0-7/8-15/16-19/20+)	Derived
AUDIT16	(D) Alcohol Use Disorders Identification Test Score - grouped (0-15/16+)	Derived
AUDIT20	(D) Alcohol Use Disorders Identification Test Score - grouped (0-19/20+)	Derived

Drug use

Note: the drug use questions are not included in the End User Licence dataset.

Gambling

GALA	Spent any money on: Tickets for the National Lottery Draw, including Thunderball and Euromillions and tickets bought online	SC YA/A
GALB	Spent any money on: Scratchcards (but not online or newspaper or magazine scratchcards)	SC YA/A
GALC	Spent any money on: Tickets for any other lottery, including charity lotteries	SC YA/A
GALE	Spent any money on: The football pools	SC YA/A
GALD	Spent any money on: Bingo cards or tickets, including playing at a bingo hall (not online)	SC YA/A
GALF	Spent any money on: Fruit or slot machines	SC YA/A
GALG	Spent any money on: Virtual gaming machines in a bookmakers to bet on virtual roulette, poker, blackjack or other games	SC YA/A
GALS	Spent any money on: Table games (roulette, cards or dice) in a casino	SC YA/A
GALH	Spent any money on: Playing poker in a pub tournament/ league or at a club	SC YA/A
GALJ	Spent any money on: Online gambling like playing poker, bingo, instant win/scratchcard games, slot machine style games or casino games for money	SC YA/A
GALT	Spent any money on: Online betting with a bookmaker on any event or sport	SC YA/A
GALU	Spent any money on: Betting exchange	SC YA/A
GALK	Spent any money on: Betting on horse races in a bookmaker's, by phone or at the track	SC YA/A
GALLX	Spent any money on: Betting on dog races in a bookmaker's, by phone or at the track	SC YA/A
GALM	Spent any money on: Betting on sports events in a bookmaker's, by phone or at the venue	SC YA/A
GALN	Spent any money on: Betting on other events in a bookmaker's, by phone or at the venue	SC YA/A
GALO	Spent any money on: Spread-betting	SC YA/A
GALP	Spent any money on: Private betting, playing cards or games for money with friends, family or colleagues	SC YA/A
GALQ	Spent any money on: Another form of gambling in the last 12 months	SC YA/A
GAMFRE	Frequency spends money on gambling activities	SC YA/A
P1	In the past 12 months, how often have you bet more than you could really afford to lose	SC YA/A
P2	In the past 12 months, how often have you needed to gamble with larger amounts of money to get the same excitement	SC YA/A
P3	In the past 12 months, how often have you gone back another day to try to win back the money you'd lost	SC YA/A
P4	In the past 12 months, how often have you borrowed money or sold anything to get money to gamble	SC YA/A
P5	In the past 12 months, how often have you felt that you might have a problem with gambling	SC YA/A
P6	In the past 12 months, how often have you felt that gambling has caused you any health problems, including stress or anxiety	SC YA/A
P7	In the past 12 months, how often have people criticised your betting, or told you that you have a gambling problem, whether or not you thought it is true	SC YA/A
P8	In the past 12 months, how often have you felt your gambling has caused financial problems for you or your household	SC YA/A
P9	In the past 12 months, how often have you felt guilty about the way you gamble or what happens when you gamble	SC YA/A
Anyacty	(D) Whether spent money on any gambling activity in last 12 months	Derived
Nactivy	(D) Number of activities participated in within last 12 months	Derived

Nactygr	(D) Number of activities participated in within last 12 months (grouped)	Derived
PGSI1	(D) Answer to PGSI item 1	Derived
PGSI2	(D) Answer to PGSI item 2	Derived
PGSI3	(D) Answer to PGSI item 3	Derived
PGSI4	(D) Answer to PGSI item 4	Derived
PGSI5	(D) Answer to PGSI item 5	Derived
PGSI6	(D) Answer to PGSI item 6	Derived
PGSI7	(D) Answer to PGSI item 7	Derived
PGSI8	(D) Answer to PGSI item 8	Derived
PGSI9	(D) Answer to PGSI item 9	Derived
pgsisc	(D) PGSI score	Derived
PGSIprob	(D) PGSI problem gambling score, grouped	Derived
NotLot	(D) Any gambling activity other than National Lottery	Derived
onlinegam	(D) Any online gambling activity other than National Lottery	Derived

Food insecurity

WRFOOD	During the last 12 months, was there a time when you were worried you would run out of food because of a lack of money or other resources	SC YA/A
ATELESS	During the last 12 months, was there a time when you ate less than you thought you should because of a lack of money or other resources	SC YA/A
HHFOOD	During the last 12 months, was there a time when your household ran out of food because of a lack of money or other resources	SC YA/A
HHfood2	(D) Last 12 months: ate less than should because of a lack of money or other resources	Derived
Ateless2	(D) Last 12 months: time when household ran out of food because of a lack of money or other resources	Derived

Dental health

NatTeeth	Number of natural teeth (including crowns)	Indiv
TthPain	Any toothache or pain in mouth within last month/at present	Indiv
MthIssue	Mouth, teeth, or dentures causing difficulties: eating food	Indiv
MthIssu2	Mouth, teeth, or dentures causing difficulties: speaking clearly	Indiv
MthIssu3	Mouth, teeth, or dentures causing difficulties: smiling, laughing and showing teeth without embarrassment	Indiv
MthIssu4	Mouth, teeth, or dentures causing difficulties: emotional stability, for example, becoming more easily upset than usual	Indiv
MthIssu5	Mouth, teeth, or dentures causing difficulties: enjoying the company of other people such as family, friends, or neighbours	Indiv
MthIssu6	Mouth, teeth, or dentures causing difficulties: none of these	Indiv
Denture	Ever had any kind of denture	Indiv
DenType1	Denture type: full upper	Indiv
DenType2	Denture type: full lower	Indiv
DenType3	Denture type: partial upper	Indiv
DenType4	Denture type: partial lower	Indiv

DenWear1	Whether wears full upper denture	Indiv
DenWear2	Whether wears full lower denture	Indiv
DenWear3	Whether wears partial upper denture	Indiv
DenWear4	Whether wears partial lower denture	Indiv
DentVst	(VERA) About how long ago was last visit to the dentist	Indiv
DentNHS	(VERA) Treatment on the NHS or was it private	Indiv
DentProb	(VERA) Problem visiting dentist: Difficulty in getting time off work	Indiv
DentPro2	(VERA) Problem visiting dentist: Difficulty in getting an appointment that suits	Indiv
DentPro3	(VERA) Problem visiting dentist: Dental treatment too expensive	Indiv
DentPro4	(VERA) Problem visiting dentist: Long way to go to the dentist	Indiv
DentPro5	(VERA) Problem visiting dentist: I have not found a dentist I like	Indiv
DentPro6	(VERA) Problem visiting dentist: I cannot get dental treatment under the NHS	Indiv
DentPro7	(VERA) Problem visiting dentist: I have difficulty in getting access, e.g. steps, wheelchair access	Indiv
DentPro8	(VERA) Problem visiting dentist: Other	Indiv
DentPro9	(VERA) Problem visiting dentist: None of these reasons	Indiv
DentHlt1	(VERA) Dental & oral health: Brush teeth with fluoride toothpaste	Indiv
DentHlt2	(VERA) Dental & oral health: Use dental floss	Indiv
DentHlt3	(VERA) Dental & oral health: Use a mouth rinse	Indiv
DentHlt4	(VERA) Dental & oral health: Restrict my intake of sugary foods and drinks	Indiv
DentHlt5	(VERA) Dental & oral health: Clean dentures	Indiv
DentHlt6	(VERA) Dental & oral health: Leave dentures out at night	Indiv
DentHlt7	(VERA) Dental & oral health: None of these	Indiv
GumBld	Do gums bleed when eat, brush your teeth or floss	Indiv
DenTreat	Would need treatment if went to dentist tomorrow	Indiv
Tthpain1	(D) Toothache/mouth pain in last month (all 16+)	Derived
GumBld1	(D) Gum bleeding (all 16+)	Derived
DenTreat1	(D) Thinks would need dental treatment (all 16+)	Derived
natthg	(D) Number of natural teeth (grouped)	Derived
AnyMthIss	(D) Any issues with mouth, teeth or dentures	Derived
Denact	(D) Number of actions taken to protect dental health	Derived

CPR training

CPRTrn	Ever had any type of training in CPR or learned CPR in any other way	Indiv
CPRWhn_19	When first had any type of training in CPR, or learn CPR in any other way	Indiv
CPRRef_19	Had any other CPR training, refresher training, or learnt CPR in any other way (most recent)	Indiv
CPRHow	Which best describes most recent type of training in CPR or learned CPR in any other way	Indiv
CPRRefB	(D) Had any other CPR training, refresher training, or learnt CPR in any other way (most recent)	Derived
CPR2yrs	(D) Whether has trained in last 2 years - either original or refresher	Derived
CPR2yrsall	(D) Whether has trained in last 2 years - either original or refresher (base on all sample)	Derived

Social Capital

PTrust19	Generally speaking, would you say that most people can be trusted, or that you can't be too careful in dealing with people	SC YA/A
NTrust19	Whether people in immediate neighbourhood can be trusted	SC YA/A
Involv19	How involved do you feel in the local community	SC YA/A
Partic19	To what extent do you agree or disagree with the following statement: I can influence decisions affecting my local area	SC YA/A
Contac19	Not counting the people you live with, how often do you personally contact your relatives, friends or neighbours either in person, by phone, letter, email or through the internet	SC YA/A
PCris19	If you had a serious personal crisis, how many people, if any, do you feel you could turn to for comfort and support	SC YA/A
LONELY21	How much of the time during the past week have you felt lonely	SC YA/A
frelone21	(D) Loneliness in the past week (grouped)	Derived

Discrimination and harassment

Disc1	(VERA) Discrimination: Accent	Indiv
Disc2	(VERA) Discrimination: Ethnicity	Indiv
Disc3	(VERA) Discrimination: Age	Indiv
Disc4	(VERA) Discrimination: Language	Indiv
Disc5	(VERA) Discrimination: Colour	Indiv
Disc6	(VERA) Discrimination: Nationality	Indiv
Disc7	(VERA) Discrimination: Mental ill-health	Indiv
Disc8	(VERA) Discrimination: Any other health problems or disability	Indiv
Disc9	(VERA) Discrimination: Sex	Indiv
Disc10a	(VERA) Discrimination: Sectarian reasons	Indiv
Disc11a	(VERA) Discrimination: Other religious belief or faith reason	Indiv
Disc12a	(VERA) Discrimination: Sexual Orientation	Indiv
Disc13a	(VERA) Discrimination: Where live	Indiv
Disc14a	(VERA) Discrimination: Other reason	Indiv
Disc15	(VERA) Discrimination: Not experienced discrimination	Indiv
Harass1	(VERA) Harassment: Accent	Indiv
Harass2	(VERA) Harassment: Ethnicity	Indiv
Harass3	(VERA) Harassment: Age	Indiv
Harass4	(VERA) Harassment: Language	Indiv
Harass5	(VERA) Harassment: Colour	Indiv
Harass6	(VERA) Harassment: Nationality	Indiv
Harass7	(VERA) Harassment: Mental ill-health	Indiv
Harass8	(VERA) Harassment: Any other health problems or disability	Indiv
Harass9	(VERA) Harassment: Sex	Indiv
Harass10a	(VERA) Harassment: Sectarian reasons	Indiv
Harass11a	(VERA) Harassment: Other religious belief or faith reason	Indiv
Harass12a	(VERA) Harassment: Sexual Orientation	Indiv
Harass13a	(VERA) Harassment: Where live	Indiv
Harass14a	(VERA) Harassment: Other reason	Indiv

Harass15	(VERA) Harassment: Not experienced harassment	Indiv
DiscHar1a	(D) (VERA) Discrimination/Harassment: Accent	Derived
DiscHar2a	(D) (VERA) Discrimination/Harassment: Ethnicity	Derived
DiscHar3a	(D) (VERA) Discrimination/Harassment: Age	Derived
DiscHar4a	(D) (VERA) Discrimination/Harassment: Language	Derived
DiscHar5a	(D) (VERA) Discrimination/Harassment: Colour	Derived
DiscHar6a	(D) (VERA) Discrimination/Harassment: Nationality	Derived
DiscHar7a	(D) (VERA) Discrimination/Harassment: Mental ill-health	Derived
DiscHar8a	(D) (VERA) Discrimination/Harassment: Other health problem / disability	Derived
DiscHar9a	(D) (VERA) Discrimination/Harassment: Sex	Derived
DiscHar10a	(D) (VERA) Discrimination/Harassment: Sectarian reasons	Derived
DiscHar11a	(D) (VERA) Discrimination/Harassment: Other religious belief or faith reason	Derived
DiscHar12a	(D) (VERA) Discrimination/Harassment: Sexual orientation	Derived
DiscHar13a	(D) (VERA) Discrimination/Harassment: Where live	Derived
DiscHar14a	(D) (VERA) Discrimination/Harassment: Other reason	Derived
DiscAny_19	(D) (VERA) Unfairly treated / discriminated against in last 12 months for any of reasons listed	Derived
HarasAny_19	(D) (VERA) Harassed in last 12 months for any of reasons listed	Derived
DiscHarAny_19	(D) (VERA) Discriminated or harassed in last 12 months for any reason	Derived

Economic activity - HRP

HWrkemp	HRP economic activity: working as employee	Hhold
HGvtSchm	HRP economic activity: on government scheme	Hhold
HSelfEmp	HRP economic activity: self-employed/freelance	Hhold
HWrkFam	HRP economic activity: working unpaid for family business	Hhold
HOthWrk	HRP economic activity: any other paid work	Hhold
HNoneabv	HRP economic activity: none of the above	Hhold
Furlough	On Sunday were you receiving support from any of the following schemes	Hhold
HEducCou	HRP: currently enrolled in full-time education	Hhold
HWk4Lk12	HRP: looking for any paid work or government training scheme in last 4 weeks	Hhold
HWaitJb12	HRP: currently waiting to take up job already obtained	Hhold
HWk2St12	HRP: able to start job/Government training within two weeks	Hhold
HYNotWrk	HRP: main reason did not look for work in last 4 weeks	Hhold
HRPEverj	HRP: ever been in paid employment or self-employed	Hhold
HOthPaid	HRP: apart from job waiting to take up ever been in paid employment or self-employed	Hhold
HPayAge	HRP: Age when last had a paid job	Hhold
HPayLast	HRP: Year left last paid job	Hhold
HPayMon	HRP: Month left last paid job	Hhold
HFtPtime	HRP: Working full time or part-time	Hhold
HEmploye	HRP: Whether employee/self-employed	Hhold
HDirctr	HRP: Director of company	Hhold
HEmpStat	HRP: Manager/Foreman	Hhold
HNEmplee	HRP: Number employed at place of work	Hhold

HSNEmple	HRP: Self employed: How many employees	Hhold
HRPOcc	Did HRP answer occupation questions him/herself	Hhold
HEconAcB	(D) HRP economic activity - basic	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
Heconac12	(D) HRP Economic activity (2012 version)	Derived
schrpg7	(D) Social Class of HRP - I,II,IIIN,IIIM,IV,V,Others	Derived
schrpg6	(D) Social Class of HRP - I,II,IIIN,IIIM,IV,V	Derived
schrpg4	(D) Social Class of HRP: I/II,IIINM,IIIM,IV/V	Derived

Economic activity - respondent

NWrkemp	Individual economic activity: working as employee	Indiv
NGvtSchm	Individual economic activity: on government scheme	Indiv
NSelfEmp	Individual economic activity: self-employed/freelance	Indiv
NWrkFam	Individual economic activity: working unpaid for family business	Indiv
NOthWrk	Individual economic activity: any other paid work	Indiv
NNoneabv	Individual economic activity: none of the above	Indiv
Furloug2	On Sunday, were you receiving support from any of the following schemes	Indiv
EducCou	Currently enrolled in full-time education	Indiv
Wk4Lk12	Looking for any paid work or Government training scheme in last 4 weeks	Indiv
WaitJb12	Currently waiting to take up job already obtained	Indiv
Wk2St12	Able to start job/Government training within two weeks	Indiv
YNotWrk	Main reason did not look for work in last 4 weeks	Indiv
EverJob	Ever had paid employment or self-employed	Indiv
OthPaid	Ever had other employment (waiting to start work)	Indiv
PayAge	Age when last had a paid job	Derived (CAPI)
PayLast	Year left last paid job	Indiv
PayMon	Month last left paid job	Indiv
FtPtime	Full-time or part-time	Indiv
Employe	Whether employee/self employed	Indiv
Dirctr	Director of company	Indiv
EmpStat	Manager/Foreman	Indiv
NEmplee	Number employed at place of work	Indiv
SNEmplee	Self employed, how many employees	Indiv
NEconAcB	(D) Individual economic activity - basic	Derived
NSSEC8	(D) NS-SEC 8 category classification (individual)	Derived
NSSEC5	(D) NS-SEC 5 category classification (individual)	Derived
NSSEC3	(D) NS-SEC 3 category classification (individual)	Derived
scallxg2	(D) Social Class of Individual - Harmonised: Non-Manual / Manual	Derived
econac12	(D) Economic activity of respondent (2012 version)	Derived
SumEmp	(D) Summary employment status (age 16-64)	Derived
StrWork	(VERA) In general, how do you find your job	Indiv

WorkBal	(VERA) How satisfied with balance between time on paid work and time on other aspects of life	Indiv
Demand	(VERA) I have unrealistic time pressures at work	Indiv
Contrl	(VERA) I have a choice in deciding how I do my work	Indiv
Role	(VERA) I am clear what my duties and responsibilities are at work	Indiv
Support1_19	(VERA) My line manager encourages me at work	Indiv
Support2_19	(VERA) I get the help and support I need from colleagues at work	Indiv
RelStrai_19	(VERA) Relationships at work are strained	Indiv
Change_19	(VERA) Staff are consulted about change at work	Indiv
StrWork2	(D) (VERA) Stress at work - grouped	Derived
StrworkR	(D) Recoded - Adults who find their job very or extremely stressful	Derived
DemandR	(D) Recoded - Unrealistic time pressures at work	Derived
ContrlR	(D) Recoded - Choice in deciding way to do work	Derived
RoleR	(D) Recoded - I am clear on what my duties and responsibilities are at work	Derived
Supprt1R_19	(D) Recoded - Manager support	Derived
Supprt2R_19	(D) Recoded - Colleague support	Derived
RelStrnR_19	(D) Recoded - Relationships at work are strained	Derived
ChangeR_19	(D) Recoded - Staff are consulted about change at work	Derived

Education

EducEnd	Age finished full time education	Indiv
TopQua1	Whether has educational qualification: School leaving certificate/ NNQ Access Unit	Indiv
TopQua2	Whether has educational qualification: O grade / Standard grade / GCSE / CSE etc.	Indiv
TopQua3	Whether has educational qualification: GNVQ found / SVQ level 1 or 2 / Scotvec module etc.	Indiv
TopQua4	Whether has educational qualification: Higher grade / A level / CSYS etc.	Indiv
TopQua5	Whether has educational qualification: GNVQ advanced / SQV lev 3 / ONC, OND etc.	Indiv
TopQua6	Whether has educational qualification: HNC / HND / SQV lev 4 or 5	Indiv
TopQua7	Whether has educational qualification: First degree / Higher degree	Indiv
TopQua8	Whether has educational qualification: Professional qualifications	Indiv
TopQua9	Whether has educational qualification: Other school examinations	Indiv
TopQua10	Whether has educational qualification: Other post-school but pre Higher education	Indiv
TopQua11	Whether has educational qualification: Other Higher education qualifications	Indiv
TopQua12	Whether has educational qualification: No qualifications	Indiv
hedqul08	(D) Highest educational qualification - revised 2008	Derived

Ethnicity & religion

BirthPla3	(D) Country of birth - 3 groups	Derived
Ethnic05	(D) Ethnic background - 5 groups	Derived
Religi04	(D) Religion, religious denomination or body - 4 groups	Derived

Income

SrcInc1a	Income: Earnings from employment or self-employment	Hhold
SrcInc2a	Income: State retirement pension	Hhold
SrcInc3a	Income: Pension from former employer	Hhold
SrcInc4a	Income: Personal pension	Hhold
SrcInc5a	Income: Pension Credit	Hhold
SrcInc6a	Income: Child Benefit	Hhold
SrcInc7a	Income: Universal Credit	Hhold
SrcInc8a	Income: Job-Seekers Allowance	Hhold
SrcInc9a	Income: Income Support	Hhold
SrcInc10a	Income: Working Tax Credit, Child Tax Credit or any other Tax Credit	Hhold
SrcInc11a	Income: Housing Benefit	Hhold
SrcInc12a	Income: Employment and Support Allowance	Hhold
SrcInc13a	Income: Personal Independence Payments	Hhold
SrcInc14a	Income: Disability Living Allowance	Hhold
SrcInc15a	Income: Attendance Allowance	Hhold
SrcInc16a	Income: Carer's Allowance	Hhold
SrcInc17a	Income: Other state benefits	Hhold
SrcInc18a	Income: Student grants and bursaries (but not loans)	Hhold
SrcInc19a	Income: Interest from savings and investments (e.g. stocks & shares)	Hhold
SrcInc20a	Income: Rent from property (after expenses)	Hhold
SrcInc21a	Income: Other kinds of regular income (e.g. maintenance or grants)	Hhold
SrcInc22a	Income: No source of income	Hhold
JntInc	Individual / couple annual income	Hhold
OthInc	Whether other income in household	Hhold
HHInc	Household annual income	Hhold
totinc	(D) Total Household Income	Derived
OECD	(D) Equivalised income (OECD method)	Derived
Eqvinc_15	(D) Equivalised income (OECD method)	Derived
eqv5_15	(D) Equivalised Income Quintiles (OECD method)	Derived
eqv10_15	(D) Equivalised Income Deciles (OECD method)	Derived

Anthropometric measurements

Self-reported Heights & weights

In 2021, height and weight measurements were self-reported. The dataset includes adjusted derived variables to account for differences between measured and self-reported height and weight. Please refer to the user guide and technical report for more information.

PregNowC	Whether currently pregnant	Indiv
SlfHt	Estimated height: metres or feet and inches	Indiv
SlfHtm	Estimated height: metres	Indiv
SlfHtFt	Estimated height: feet	Indiv
SlfHtIn	Estimated height: inches	Indiv

SlfHtDV	Self-reported estimated height (cm)	Derived (CAPI)
SlfWt	Estimated weight: KG or stones and pounds	Indiv
SlfWtkg	Estimated weight: KG	Indiv
SlfWtSt	Estimated weight: stones	Indiv
SlfWtL	Estimated weight: pounds	Indiv
SlfWtDV	Self-reported weight (KG)	Derived (CAPI)
BMI_SR	(D) BMI (self reported height and weight)	Derived
BMIvg5_SR	(D) Valid BMI (grouped) (self reported height and weight)	Derived
BMI25_SR	(D) Valid BMI (grouped 25 and over) (self reported height and weight)	Derived
BMI30_SR	(D) Valid BMI (grouped 30 and over) (self reported height and weight)	Derived
BMI40_SR	(D) Valid BMI (grouped 40 and over) (self reported height and weight)	Derived
BMIvg4_SR	(D) Valid BMI (4 groups) (self reported height and weight)	Derived
BMIvg3_SR	(D) Valid BMI (3 groups) (self reported height and weight)	Derived
SlfWtDV_adj	(D) Adjusted self-reported weight (kg)	Derived
SlfHtDV_adj	(D) Adjusted self-reported height (cm)	Derived
bmi_adj	(D) BMI - adjusted self-reported measurements	Derived
bmi25_adj	(D) Adjusted self-reported BMI (grouped 25 and over)	Derived
bmi30_adj	(D) Adjusted self-reported BMI (grouped 30 and over)	Derived
bmi40_adj	(D) Adjusted self-reported BMI (grouped 40 and over)	Derived
bmivg5_adj	(D) Adjusted valid BMI (grouped)	Derived
CBMIg5_new_SR	(D) Children's BMI - 5 groups NEW (self reported height and weight)	Derived
ChWtHr_new_SR	(D) Child - weight beyond healthy range NEW (self reported height and weight)	Derived
ChOverWt_new_SR	(D) Child - overweight, including obese NEW (self reported height and weight)	Derived
CBMIg3_new_SR	(D) Children's BMI - 3 groups NEW (self reported height and weight)	Derived

Intake24 – Food level dataset

The food level dataset contains variables from the Intake24 dietary recalls. It contains a record of each food or drink consumed by each participant. The person level dataset contains the average intake for each participant and is included in the main SHeS21 EUL dataset (see intake24 section above). Cpseriala is included in both datasets to enable them to be linked.

cpseriala	Archived dataset serial number of Individual	Indiv
SubDay	Day recall was submitted	Derived
RecallNo	Recall number (1-2)	Intake24
MealIndex	Meal Index	Intake24
MealName	Meal name	Intake24
MealTime	Exact meal time	Intake24
FoodSource	Source of food	Intake24
FoodDescription	Description of food	Intake24
FoodNumber	NDNS databank food number	Intake24
RecipeMainFoodGroupCode	Main food group code for the recipe in which food a constituent ingredient (will be same as for food unless coded as part of a recipe)	Intake24
RecipeMainFoodGroupDesc	Main food group description for the recipe in which food a constituent ingredient (will be same as for food unless coded as part of a recipe)	Intake24
RecipeSubFoodGroupCode	Subsidiary food group code for the recipe in which food a constituent ingredient (will be same as for food unless coded as part of a recipe)	Intake24
RecipeSubFoodGroupDesc	Subsidiary food group description for the recipe in which food a constituent ingredient (will be same as for food unless coded as part of a recipe)	Intake24
Energykcal	Energy (kcal/portion)	Intake24
EnergykJ	Energy (kJ/portion)	Intake24
Proteing	Protein (g/portion)	Intake24
Fatg	Fat (g/portion)	Intake24
Carbohydrateg	Carbohydrate (g/portion)	Intake24
Sodiummg	Sodium (mg/portion)	Intake24
Potassiummg	Potassium (mg/portion)	Intake24
Calciummg	Calcium (mg/portion)	Intake24
Magnesiummg	Magnesium (mg/portion)	Intake24
Phosphorusmg	Phosphorus (mg/portion)	Intake24
Ironmg	Iron (mg/portion)	Intake24
Haemironmg	Haem Iron (mg/portion)	Intake24
Nonhaemironmg	Non-haem Iron (mg/portion)	Intake24
Coppermg	Copper (mg/portion)	Intake24
Zincmg	Zinc (mg/portion)	Intake24
Chloridemg	Chloride (mg/portion)	Intake24
Retinolµg	Retinol (µg/portion)	Intake24
Totalcaroteneµg	Total carotene (µg/portion)	Intake24
Alphacaroteneµg	Alpha carotene (µg/portion)	Intake24
Betacaroteneµg	Beta carotene (µg/portion)	Intake24
Betacryptoxanthinµg	Beta cryptoxanthin (µg/portion)	Intake24

VitaminAretinolequivalentsµg	Vitamin A retinol equivalents (µg/portion)	Intake24
VitaminDµg	Vitamin D (µg/portion)	Intake24
VitaminEmg	Vitamin E (mg/portion)	Intake24
Thiaminmg	Thiamin (mg/portion)	Intake24
Riboflavinmg	Riboflavin (mg/portion)	Intake24
Niacinequivalentmg	Niacinequivalent (mg/portion)	Intake24
VitaminB6mg	Vitamin B6 (mg/portion)	Intake24
VitaminB12µg	Vitamin B12 (µg/portion)	Intake24
Folateµg	Folate (µg/portion)	Intake24
Pantothenicacidmg	Pantothenic acid (mg/portion)	Intake24
Biotinµg	Biotin (µg/portion)	Intake24
VitaminCmg	Vitamin C (mg/portion)	Intake24
Alcoholg	Alcohol (g/portion)	Intake24
Waterg	Water (g/portion)	Intake24
Totalsugarsg	Total sugars (g/portion)	Intake24
Othersugarsg	Other sugars (g/portion)	Intake24
Starchg	Starch (g/portion)	Intake24
Glucoseg	Glucose (g/portion)	Intake24
Fructoseg	Fructose (g/portion)	Intake24
Sucroseg	Sucrose (g/portion)	Intake24
Maltoseg	Maltose (g/portion)	Intake24
Lactoseg	Lactose (g/portion)	Intake24
FreeSugarsg	Free sugars (g/portion)	Intake24
AOACFibreg	AOAC Fibre (g/portion)	Intake24
Totalnitrogeng	Total nitrogen (g/portion)	Intake24
Manganesemg	Manganese (mg/portion)	Intake24
Iodineµg	Iodine (µg/portion)	Intake24
Seleniumµg	Selenium (µg/portion)	Intake24
Cholesterolmg	Cholesterol (mg/portion)	Intake24
Saturatedfattyacidsg	Saturated fatty acids (g/portion)	Intake24
CisMonounsaturatedfattyacidsg	Cis monounsaturated fatty acids (g/portion)	Intake24
Cisn6fattyacidsg	Cis-n6 fatty acids (g/portion)	Intake24
Cisn3fattyacidsg	Cis-n3 fatty acids (g/portion)	Intake24
Transfattyacidsg	Trans fatty acids (g/portion)	Intake24
Fruitg	Fruit (including from composite dishes) (g/portion)	Intake24
DriedFruitg	Dried Fruit (including from composite dishes) (g/portion)	Intake24
FruitJuiceg	Fruit juice (including from composite dishes) (g/portion)	Intake24
SmoothieFruitg	Fruit from smoothies (including from composite dishes) (g/portion)	Intake24
Tomatoesg	Tomatoes (including from composite dishes) (g/portion)	Intake24
TomatoPureeg	Tomato puree (including from composite dishes) (g/portion)	Intake24
Brassicaceaeg	Brassicaceae (including from composite dishes) (g/portion)	Intake24
YellowRedGreeng	Yellow, red and green vegetables (including from composite dishes) (g/portion)	Intake24

Beansg	Beans (including from composite dishes) (g/portion)	Intake24
Nutsg	Nuts (including from composite dishes) (g/portion)	Intake24
OtherVegg	Other vegetables (including from composite dishes) (g/portion)	Intake24
Beefg	Beef (including from composite dishes) (g/portion)	Intake24
Lambg	Lamb (including from composite dishes) (g/portion)	Intake24
Porkg	Pork (including from composite dishes) (g/portion)	Intake24
ProcessedRedMeatg	Processed red meat (including from composite dishes) (g/portion)	Intake24
OtherRedMeatg	Other red meat (including from composite dishes) (g/portion)	Intake24
Burgersg	Burgers (including from composite dishes) (g/portion)	Intake24
Sausagesg	Sausages (including from composite dishes) (g/portion)	Intake24
Offalg	Offal (including from composite dishes) (g/portion)	Intake24
Poultryg	Poultry (including from composite dishes) (g/portion)	Intake24
ProcessedPoultryg	Processed poultry (including from composite dishes) (g/portion)	Intake24
GameBirdsg	Game birds (including from composite dishes) (g/portion)	Intake24
WhiteFishg	White fish (including from composite dishes) (g/portion)	Intake24
OilyFishg	Oily fish (including from composite dishes) (g/portion)	Intake24
CannedTunag	Canned tuna (including from composite dishes) (g/portion)	Intake24
Shellfishg	Shellfish (including from composite dishes) (g/portion)	Intake24
CottageCheeseg	Cottage cheese (including from composite dishes) (g/portion)	Intake24
CheddarCheeseg	Cheddar cheese (including from composite dishes) (g/portion)	Intake24
OtherCheeseg	Other cheese (including from composite dishes) (g/portion)	Intake24
TotalGrams	Amount/units per portion	Intake24

Scottish Health Survey

2021

Derived variables

HOUSEHOLD

Ra: (D) Relationship to person 1 (recoded)
R2a: (D) Relationship to person 2 (recoded)
R3a: (D) Relationship to person3 (recoded)
R4a: (D) Relationship to person 4 (recoded)
R5a: (D) Relationship to person 5 (recoded)
R6a: (D) Relationship to person 6 (recoded)
R7a: (D) Relationship to person 7 (recoded)
R8a: (D) Relationship to person 8 (recoded)
Hhdtypb: (D) Household Type
hhdtypb2: (D) Household Type – SG harmonised
HHsize10: (D) Household size 10+
Landlord2: (D) Who is your landlord? Recoded
Car3: (D) Number of cars available 3+

```
recode R (1, 2=1) (3 = 2) (4 = 3) (5 thru 8 = 4) (9 = 5) (10 thru 13 = 6)  (14 = 7) (15 thru 19 = 8)
(20 thru 22 = 9) (23 = 10) (else = copy) into Ra.
variable labels Ra "(D) Relationship to person 1 (recoded)".
add value labels Ra
-1 “Item not applicable”
1 "Husband/wife/civil partner"
2 "Partner/cohabitee"
3 "Natural son/daughter"
4 "Adopted/foster/step son/daughter or son/daughter in law"
5 "Natural parent"
6 "Adoptive/foster/step parent / parent-in-law"
7 "Natural brother/sister"
8 "Half/step/adopted/foster brother/sister or brother/sister in law"
9 "Other relative"
10 "Other non-relative"
96 "Self".
exe.


** R2

recode R2 (1, 2=1) (3 = 2) (4 = 3) (5 thru 8 = 4) (9 = 5) (10 thru 13 = 6)  (14 = 7) (15 thru 19 = 8)
(20 thru 22 = 9) (23 = 10) (else = copy) into R2a.
variable labels R2a "(D) Relationship to person 2 (recoded)".
add value labels R2a
-1 “Item not applicable”
1 "Husband/wife/civil partner"
2 "Partner/cohabitee"
3 "Natural son/daughter"
4 "Adopted/foster/step son/daughter or son/daughter in law"
5 "Natural parent"
6 "Adoptive/foster/step parent / parent-in-law"
7 "Natural brother/sister"
8 "Half/step/adopted/foster brother/sister or brother/sister in law"
9 "Other relative"
10 "Other non-relative"
96 "Self".
exe.
```

```
** R3

recode R3 (1, 2=1) (3 = 2) (4 = 3) (5 thru 8 = 4) (9 = 5) (10 thru 13 = 6)  (14 = 7) (15 thru 19 = 8)
(20 thru 22 = 9) (23 = 10) (else = copy) into R3a.
variable labels R3a "(D) Relationship to person 3 (recoded)".
add value labels R3a
-1 “Item not applicable”
1 "Husband/wife/civil partner"
2 "Partner/cohabitee"
3 "Natural son/daughter"
4 "Adopted/foster/step son/daughter or son/daughter in law"
5 "Natural parent"
6 "Adoptive/foster/step parent / parent-in-law"
7 "Natural brother/sister"
8 "Half/step/adopted/foster brother/sister or brother/sister in law"
9 "Other relative"
10 "Other non-relative"
96 "Self".
exe.

**R4

recode R4 (1, 2=1) (3 = 2) (4 = 3) (5 thru 8 = 4) (9 = 5) (10 thru 13 = 6)  (14 = 7) (15 thru 19 = 8)
(20 thru 22 = 9) (23 = 10) (else = copy) into R4a.
variable labels R4a "(D) Relationship to person 4 (recoded)".
add value labels R4a
-1 “Item not applicable”
1 "Husband/wife/civil partner"
2 "Partner/cohabitee"
3 "Natural son/daughter"
4 "Adopted/foster/step son/daughter or son/daughter in law"
5 "Natural parent"
6 "Adoptive/foster/step parent / parent-in-law"
7 "Natural brother/sister"
8 "Half/step/adopted/foster brother/sister or brother/sister in law"
9 "Other relative"
10 "Other non-relative"
96 "Self".
exe.

** R5

recode R5 (1, 2=1) (3 = 2) (4 = 3) (5 thru 8 = 4) (9 = 5) (10 thru 13 = 6)  (14 = 7) (15 thru 19 = 8)
(20 thru 22 = 9) (23 = 10) (else = copy) into R5a.
variable labels R5a "(D) Relationship to person 5 (recoded)".
add value labels R5a
-1 “Item not applicable”
1 "Husband/wife/civil partner"
2 "Partner/cohabitee"
3 "Natural son/daughter"
4 "Adopted/foster/step son/daughter or son/daughter in law"
5 "Natural parent"
6 "Adoptive/foster/step parent / parent-in-law"
7 "Natural brother/sister"
8 "Half/step/adopted/foster brother/sister or brother/sister in law"
9 "Other relative"
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10 "Other non-relative"
96 "Self".
exe.

** R6

recode R6 (1, 2=1) (3 = 2) (4 = 3) (5 thru 8 = 4) (9 = 5) (10 thru 13 = 6)  (14 = 7) (15 thru 19 = 8)
(20 thru 22 = 9) (23 = 10) (else = copy) into R6a.
variable labels R6a "(D) Relationship to person 6 (recoded)".
add value labels R6a
-1 “Item not applicable”
1 "Husband/wife/civil partner"
2 "Partner/cohabitee"
3 "Natural son/daughter"
4 "Adopted/foster/step son/daughter or son/daughter in law"
5 "Natural parent"
6 "Adoptive/foster/step parent / parent-in-law"
7 "Natural brother/sister"
8 "Half/step/adopted/foster brother/sister or brother/sister in law"
9 "Other relative"
10 "Other non-relative"
96 "Self".
exe.

** R7

recode R7 (1, 2=1) (3 = 2) (4 = 3) (5 thru 8 = 4) (9 = 5) (10 thru 13 = 6)  (14 = 7) (15 thru 19 = 8)
(20 thru 22 = 9) (23 = 10) (else = copy) into R7a.
variable labels R7a "(D) Relationship to person 7 (recoded)".
add value labels R7a
-1 “Item not applicable”
1 "Husband/wife/civil partner"
2 "Partner/cohabitee"
3 "Natural son/daughter"
4 "Adopted/foster/step son/daughter or son/daughter in law"
5 "Natural parent"
6 "Adoptive/foster/step parent / parent-in-law"
7 "Natural brother/sister"
8 "Half/step/adopted/foster brother/sister or brother/sister in law"
9 "Other relative"
10 "Other non-relative"
96 "Self".
exe.

** R8

recode R8 (1, 2=1) (3 = 2) (4 = 3) (5 thru 8 = 4) (9 = 5) (10 thru 13 = 6)  (14 = 7) (15 thru 19 = 8)
(20 thru 22 = 9) (23 = 10) (else = copy) into R8a.
variable labels R8a "(D) Relationship to person 8 (recoded)".
add value labels R8a
-1 “Item not applicable”
1 "Husband/wife/civil partner"
2 "Partner/cohabitee"
3 "Natural son/daughter"
4 "Adopted/foster/step son/daughter or son/daughter in law"
5 "Natural parent"
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```
6 "Adoptive/foster/step parent / parent-in-law"
7 "Natural brother/sister"
8 "Half/step/adopted/foster brother/sister or brother/sister in law"
9 "Other relative"
10 "Other non-relative"
96 "Self".
exe.


** hhdtypb

* in household data file - has everyone in household not just respondents.
* count number of children & adults.

RECODE ageof (16 thru hi=1)(else=0) INTO ad16.
RECODE ageof (16 thru 59=1)(ELSE=0) INTO ad1659.
RECODE ageof (0 thru 15=1)(ELSE=0) INTO chld015.
RECODE ageof (60 thru hi=1)(ELSE=0) INTO ad60.
AGGREGATE OUTFILE=" hhdtypb.sav"
 /break=hhserial
 /adults=SUM(ad16)
 /ch015=SUM(chld015)
 /adyoung=SUM(ad1659)
 /adold=SUM(ad60).

GET FILE=" hhdtypb.sav".
missing values all().

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".

* this can then be matched into the datafile.


** hhydtypb2
** New dv for 2015 – SG harmonised  household type

* in household data file - has everyone in household not just respondents.
* count number of children & adults.
```

```
RECODE ageof (16 thru hi=1)(else=0) into ad16.
RECODE ageof (16 thru 64=1)(ELSE=0) INTO ad1664.
RECODE ageof (0 thru 15=1)(ELSE=0) INTO chld015.
RECODE ageof (65 thru hi=1)(ELSE=0) INTO ad65. exe.

AGGREGATE OUTFILE="working\hhdtypb harmonised.sav"
 /break=Serial_N
 /adults=SUM(ad16)
 /ch015=SUM(chld015)
 /adyoung=SUM(ad1664)
 /adold=SUM(ad65).

dataset close all.

get file ="working\hhdtypb harmonised.sav".

compute hhdtypb2 = -99.
if adults = 1 and adyoung = 1 & ch015 = 0  hhdtypb2 =1.
if adults = 1 and (adyoung =1 or adold = 1) and ch015 ge 1 hhdtypb2  = 2.
if adults = 1 and adold = 1 and ch015 = 0 hhdtypb2 = 3.
if adults = 2 and ANY(ch015,1,2) hhdtypb2 = 4.
if adults = 2 and ((adold = 1 and adyoung = 1) or (ADOLD =2)) and ch015 = 0 hhdtypb2  = 5.
if adults ge 3 and ch015 = 0 hhdtypb2  = 6.
if adults = 2 and adyoung = 2 and ch015 = 0 hhdtypb2  = 7.
if (adults = 2 and ch015 ge 3) or (adults ge 3 and ch015 ge 1) hhdtypb2  = 8.
exe.

value labels hhdtypb2
-8 "Size of household unknown"
-1 “Item not applicable”
1 "Single adults household: 1 adult aged 16-64, no children"
2 "Single parent household: 1 adult any age and 1 or more children"
3 "Single older household: 1 adults 65+, no children"
4 "Small family: two adults of any age and one or two children"
5 "Older smaller household: 1 adult under 65 and one adult 65+, or two adults 65+ and no
children"
6 "Large adult household: 3+ adults, no children"
7 "Small adult household: 2 adults under 65 and no children"
8 "Large family: 2 adults of any age and 3+ children or 3+ adults and 1+ children".

fre hhdtypb2 .


** Now this can be matched into ALL PERSONS file


** HHsize10

RECODE HHSIZE = (10 thru hi = 10) (else= copy) into HHSIZE10.
variable labels hhsize10 "(D) Household size recoded 10+".
add value labels hhsize10
10 "10+".
exe.
```

```
** Landlord

RECODE LANDLORD (1= 1) (2= 2) (3,4 =3) (5 THRU 7 = 4) (ELSE= COPY) INTO LANDLORD2.
VARIABLE LABELS landlord2 "(D) Who is your landlord? Recoded".
add value labels landlord2
1 "(Organisation) Local authority"
2 "(Organisation) Housing association"
3 "Another organisation"
4 "Individual private landlord".
exe.

**Car3
recode car12 (1= 1) (2=2) (3 thru high = 3) (ELSE = COPY) into CAR3.
variable labels CAR3"(D) Number of cars available -3+".
ADD VALUE LABELS CAR3
1 "1"
2 "2"
3 "3+".
```

SAMPLE

Bio: (D) iBio sample household
Vera: (D) Whether VERA sample

```
*vera.
compute vera= -99.
if sample = 1 vera = 1.
if sample ne 1 vera = 0.
Variable labels Vera “(D) Whether VERA sample”.
Add value labels vera 0 “Not Version A household” 1 “Version A household”.

*Bio.
recode Stype12 (2=1) (else=0) into Bio.
Variable labels Bio “(D) iBio sample household”.
Add value labels Bio 1 “Bio” 0 “Not Bio”.
```

INDIVIDUAL

ag16g10: (D) Age 16+ in ten year bands

```
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”.
```

ag16g2: (D) Age 16+ in 2 groups

```
recode age (0 thru 15 = -1) (16 thru 44 = 1) (45 thru hi = 2) into Ag16g2.
VALUE LABELS ag16g2 1 16-44   2 45+.
VARIABLE LABEL ag16g10 “(D) Age 16+ in 2 groups”.
```

ag16g3: (D) Age 16+ in 3 groups

```
RECODE age (0 thru 15=-1) (16 thru 44 =1) (45 thru 64=2) (65 thru hi=3) INTO ag16g3.
VALUE LABELS ag16g3
 -1 Item not applicable 1 16-44  2 45-64  3 65+.
VARIABLE LABEL ag16g3 “(D) Age 16+ in 3 groups”.
```

ag16g4: (D) age 16+ - four groups

```
RECODE age (0 thru 15=-1) (16 thru 44 =1) (45 thru 64=2) (65 thru 74=3)(75 thru HI=4) (else=-1)
INTO ag16g4.
VARIABLE LABEL ag16g4 "(D) Age 16+ - four groups".
VALUE LABELS ag16g4  1 "16-44"  2 "45-64"  3 "65-74" 4 "75+".
```

age65: (D) Age 16-64 65+

```
recode age (0 thru 15 =-1) (16 thru 64 = 1) (65 thru high = 2) into age65.
variable labels age65 "(D) Age 16-64 and 65+".
value labels age65
1 "16-64"
2 "65+"
-1 "Not applicable".
```

ag015g2: (D) Age 0-15 in two year bands
ag215g3: (D) Age 2-15: Approx 3 year age bands
age412g: (D) Children age 4 to 12 grouped age
ag415g3: (D) Age 4-15: 3 year age bands
ag515g3: (D) Age 5-15: Approx 3 year age bands
ag715g3: (D) Age 7-15: 3 year age bands

```
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)  (16 thru Hi=-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".

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".

RECODE age (0 thru 3=-1)(4 thru 5=1)(6 thru 7=2)(8 thru 9=3)(10 thru 12=4) (13 thru hi =-1)
INTO age412g.
VARIABLE LABEL age412g "(D) Children age 4 to 12 grouped age".
VALUE LABELS age412g  1 "age 4-5" 2 "age 6-7" 3 "age 8-9" 4 "age 10 -12".

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

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".

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".
```

comp95: (D) Adults aged 16-64
comp98: (D) Children 2-15 & Adults 16-74

```
* comp98 and comp95.

RECODE age (16 thru 64=1) (else=0) INTO comp95.
VARIABLE LABEL comp95 "adults aged 16-64".
VALUE LABELS comp95  0 "children/65+"  1 "adults aged 16-64".

RECODE age (16 thru 74=1) (2-15=2) (else=0) INTO comp98.
VARIABLE LABEL comp98 "adults aged 16-74/kids 2-15".
VALUE LABELS comp98  0 "children 0-2/75+"  1 "adults aged 16-74"  2 "children 2-15".
```

Smkage: (D) Age banded for smoking table (18+)
ag215gPA: (D) Age grouped for childrens PA tables
ageBMI: (D) Children's age groups for BMI tables

```
* Age for smoking tables
RECODE age (0 thru 17=-1)(18 thru 34=1)(35 thru 54=2)(55 thru 74=3)(75 thru hi=4) INTO
smkage.
VARIABLE LABEL smkage "(D) Age banded for smoking table (18+)".
VALUE LABELS smkage 1 '18-34' 2 '35-54' 3 '55-74' 4'75+'.

*Age for children's physical activity tables

RECODE age (2 thru 4=1)(5 thru 7=2)(8 thru 10=3)(11 thru 12=4)(13 thru 15=5) (else=-1) INTO
ag215gPA.
VARIABLE LABEL ag215gPA "Age grouped for childrens PA tables".
VALUE LABELS ag215gPA  1 "2-4" 2 "5-7" 3 "8-10" 4 "11-12" 5 "13-15".
```

```
*** ageBMI
recode age (16 thru hi=-1)(12 thru 15=3)(7 thru 12=2)(2 thru 7=1) (0 thru 1=-1) into ageBMI.
value labels ageBMI 1"Age 2-6"    2"Age 7-11"    3"Age 12- 5"    -1 "not applicable"  .
var label ageBMI "(D) child age groups for BMI tables".
```

ag015g3: (D) children's age groups smoking tables
ag015g4: (D) childs age 4 groups (0-3, 4-7, 8-11, 12-15)
ag415g4: (D) childs age 3 groups (4-7, 8-11, 12-15)
ag412g3: (D) childs age 4 groups (4-6, 7-9, 10-12)
age1315: (D) age 13-15: 1 year age bands
age412gb: (D) age 4-12: 4 age bands

```
recode age (0 thru 1=1) (2 thru 3=2) (4 thru 6=3) (7 thru 9=4) (10 thru 12=5) (13 thru 15=6) (16
thru hi=-1) into ag015g3.
var label ag015g3 "(D) children's age groups smoking tables".
value labels ag015g3 1 "0-1"   2 "2-3"     3 "4-6"  4 "7-9"  5 "10-12"  6"13-15"
   -1 "Not applicable".

recode age (0 thru 3=1)(4 thru 7=2)(8 thru 11=3)(12 thru 15=4) (16 thru hi=-1) into ag015g4.
var labels ag015g4 "(D) childs age 4 groups (0-3, 4-7, 8-11, 12-15)".
value labels ag015g4 1 "age 0-3"    2 "age 4-7"   3 "age 8-11" 4 "age 12-15"   -1 "not applicable".

recode age (0 thru 3=-1) (4 thru 7=1)(8 thru 11=2)(12 thru 15=3) (16 thru hi=-1) into ag415g4.
var labels ag415g4 "(D) childs age 3 groups (4-7, 8-11, 12-15)".
value labels ag415g4   1 "age 4-7"    2 "age 8-11" 3 "age 12-15" -1 "not applicable".

recode age (0 thru 3=-1) (4 thru 6=1)(7 thru 9=2)(10 thru 12=3) (13 thru hi=-1) into ag412g3.
var labels ag412g3 "(D) childs age 4 groups (4-6, 7-9, 10-12).".
value labels ag412g3   1 "age 4-6"   2 "age 7-9" 3 "age 10-12" -1 "not applicable".

** AGE412GB .

RECODE age (4 thru 5=1) (6 thru 7=2) (8 thru 9=3)(10 thru 12=4)(ELSE=-1) INTO age412gb.
VARIABLE LABEL age412gb "(D) Age 4-12: 4 age bands".
VALUE LABELS age412gb -1 "Item not applicable" 1 "Aged 4 to 5" 2 "Aged 6 to 7" 3 "Aged 8 to
9" 4 "Aged 10 to 12".

** AGE315.

RECODE age (13=1) (14=2) (15=3)(ELSE=-1) INTO age1315.
VARIABLE LABEL age1315 "(D) Age 13-15: 1 year age bands".
VALUE LABELS age1315 -1 "Item not applicable" 1 "13 years old" 2 "14 years old" 3 "15 years
old".
```

Resptyp: (D) respondent category

```
*RESPTYP.

RECODE age (0 thru 15=1) (16 thru hi=2) INTO resptyp.
VARIABLE LABEL resptyp "(D) respondent category".
VALUE LABELS resptyp  1 "children"  2 "adults".
RECODE resptyp (sysmis=-1) (else=copy).
```

Ethnic05: (D) Ethnic background – 5 groups
Religi04: (D) Religion, religious denomination or body – 4 groups
Birthpla3: (D) Country of birth – 3 groups

```
recode ethnic12 (1=1) (2= 2) (3 thru 6 = 3) (8 thru 12 = 4) (7,13 thru 19 = 5) (else =copy) into
ETHNIC05.
variable labels ethnic05 "(D) Ethnic background - 5 groups".
value labels ethnic05  1 "White: Scottish" 2 "White: Other British" 3 "White: Other"
4 "Asian" 5 "Other minority ethnic".

** religion.

recode religi09 (1=1) (2=2) (3=3) (4 thru 10 = 4) (else =copy) into RELIGI04.
variable labels RELIGI04 "(D)Religion, religious denomination or body- 4 groups".
value labels religi04 0 "None" 1 "Church of Scotland" 2 "Roman Catholic" 3 "Other Christian"
4 "Another religion".

** BIRTH PLACE.

recode birthpla (1=1) (2 thru 4 = 2) (5,6 = 3) (else =copy) into BIRTHPLA3.
variable labels birthpla2 "(D) Country of birth - 3 groups".
add value labels birthpla2 1 "Scotland" 2 "England, Wales or Northern Ireland" 3 "Elsewhere".
```

BOOKLET ADMIN

booklet: (D) Which self-completion booklet should have had

```
** BOOKLET.
RECODE age (0 thru 3=-1)(4 thru 12=1)(13 thru 15=2)(16 thru 17=3)(18 thru hi=4)
  INTO booklet.
IF range(age,18,19) & bookchk=2 booklet=3.
VARIABLE LABELS booklet "(D) Which self-completion".
VALUE LABELS booklet   1 " 4-12"   2 "13-15"   3 "Young Adults"   4 "Adults"
```

RELATIONSHIPS

maritalg: (D) Marital status – grouped
couple2: (D) Whether living together as a couple – recoded

```
** MARITALG

RECODE marital8 (1=3)(2,3=1)(4,5=4)(6,7=5)(8,9=6)(else=copy) INTO maritalg.
RECODE couple (1,3=2) INTO maritalg.
VARIABLE LABEL maritalg "(D) Marital status - grouped".
VALUE LABELS maritalg 1 "Married/civil partnership"      2 "Living as married"
3 "Single"    4  "Married/civil partnership - separated"  5 " Divorced/dissolved civil partnership"
6 "Widowed/surviving civil partner".

** couple2

recode couple (1=1) (2=2) (3 =1) (else= copy) into COUPLE2.
VARIABLE LABELS couple2 "(D) Whether living together as a couple".
value labels couple2  1 "Yes" 2 "No".
```

GENERAL HEALTH

SELF-ASSESSED GENERAL HEALTH AND LIFE SATISFACTION

Genhelf2: (D) Self-assessed general health - grouped

```
** GENHELF2.

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'.
```

lifesat2: (D) Life satisfaction (grouped)

```
** LIFESAT2

RECODE lifesat (0 thru 7=1)(8=2)(9 thru 10=3) (else=copy) INTO lifesat2.
VARIABLE LABEL lifesat2 "(D) Life satisfaction (grouped)".
VALUE LABELS lifesat2 1 "below the mode (0 to 7)"     2 "mode (8)"  3 "above the mode (9-10)".
```

CARE

RG1735hr: (D) Caring 35 hours or more per week
RG20c1: (D) Caring support received (16+ and <16 combined): Short breaks or respite e.g. day time breaks, overnight breaks
RG20c2: (D) Caring support received (16+ and <16 combined): Advice and information
RG20c3: (D) Caring support received (16+ and <16 combined): Practical support, e.g. transport, equipment/adaptations
RG20c4: (D) Caring support received (16+ and <16 combined): Counselling or emotional support / talking to someone for support, e.g. family member, friend
RG20c5: (D) Caring support received (16+ and <16 combined): Training and learning / having a befriender or a peer mentor
RG20c6: (D) Caring support received (16+ and <16 combined): Advocacy services
RG20c7: (D) Caring support received (16+ and <16 combined): Personal assistant/ support worker/ community nurse/ home help
RG20c8: (D) Caring support received (16+ and <16 combined): Help from family, friends or neighbours
RG20c9: (D) Caring support received: Help from teachers at school, e.g. talking or extra help with homework (4-15 only)
RG20c10: (D) Caring support received: Social activities and support, e.g. young carers' groups or day trips (4-15 only)
RG20c11: (D) Caring support received: Carers allowance (16+ only)
RG20c12: (D) Caring support received (16+ and <16 combined): Other
RG20c13: (D) Caring support received (16+ and <16 combined): Receive no help or support

```
*RG1735hr.

RECODE RG17aNew (1 thru 3=2) (4 thru 5=1) (6=-8) (ELSE=COPY) into RG1735hr.
VARIABLE LABEL RG1735hr “(D) Caring 35 hours or more per week”.
VALUE LABELS RG1735hr 1  “35 hours or more” 2  “Less than 35 hours” -1  “Item not
```

```
applicable" -8  "Don't know" -9  "Refused".

* RG20c1 - RG20c13: 'Caring support received' combined for adults and <16.
*  Short breaks or respite e.g. day time breaks, overnight breaks or emergency respite.

COMPUTE RG20c1=-99.
IF RG201=1 OR RG20b1=1 RG20c1=1.
IF RG201=0 OR RG20b1=0 RG20c1=2.
if RG201 = -1 and RG20b1 = -1 RG20c1=-1.
if any(-8,RG201,RG20b1) RG20c1=-8.
if any(-9,RG201,RG20b1) RG20c1=-9.
if any(-2,RG201,RG20b1) RG20c1=-2.
VARIABLE LABEL RG20c1 "(D) Caring support received (16+ and <16 combined): Short breaks
or respite e.g. day time breaks, overnight breaks".
VALUE LABELS RG20c1 1  "Mentioned" 2  "Not mentioned" -1  "Item not applicable" -8  "Don't
know" -9  "Refused".

*Advice and information.

COMPUTE RG20c2=-99.
IF RG202=1 OR RG20b2=1 RG20c2=1.
IF RG202=0 OR RG20b2=0 RG20c2=2.
if RG202 = -1 and RG20b2 = -1 RG20c2=-1.
if any(-8,RG202,RG20b2) RG20c2=-8.
if any(-9,RG202,RG20b2) RG20c2=-9.
if any(-2,RG202,RG20b2) RG20c2=-2.
VARIABLE LABEL RG20c2 "(D) Caring support received (16+ and <16 combined): Advice and
information".
VALUE LABELS RG20c2 1  "Mentioned" 2  "Not mentioned" -1  "Item not applicable" -8  "Don't
know" -9  "Refused".

*Practical support, e.g.  transport, equipment/adaptations.

COMPUTE RG20c3=-99.
IF RG203=1 OR RG20b3=1 RG20c3=1.
IF RG203=0 OR RG20b3=0 RG20c3=2.
if RG203 = -1 and RG20b3 = -1 RG20c3=-1.
if any(-8,RG203,RG20b3) RG20c3=-8.
if any(-9,RG203,RG20b3) RG20c3=-9.
if any(-2,RG203,RG20b3) RG20c3=-2.
VARIABLE LABEL RG20c3 "(D) Caring support received (16+ and <16 combined): Practical
support, e.g.  transport, equipment/adaptations".
VALUE LABELS RG20c3 1  "Mentioned" 2  "Not mentioned" -1  "Item not applicable" -8  "Don't
know" -9  "Refused".

*Counselling or emotional support / talking to someone for support, e.g. family member, friend.

COMPUTE RG20c4=-99.
IF RG204=1 OR RG20b4=1 RG20c4=1.
IF RG204=0 OR RG20b4=0 RG20c4=2.
if RG204 = -1 and RG20b4 = -1 RG20c4=-1.
if any(-8,RG204,RG20b4) RG20c4=-8.
if any(-9,RG204,RG20b4) RG20c4=-9.
if any(-2,RG204,RG20b4) RG20c4=-2.
VARIABLE LABEL RG20c4 "(D) Caring support received (16+ and <16 combined): Counselling
or emotional support / talking to someone for support, e.g. family member, friend".
```

```
VALUE LABELS RG20c4 1  “Mentioned” 2  “Not mentioned” -1  “Item not applicable” -8  “Don’t know” -9  “Refused”.

*Training and learning / having a befriender or a peer mentor.

COMPUTE RG20c5=-99.
IF RG205=1 OR RG20b5=1 RG20c5=1.
IF RG205=0 OR RG20b5=0 RG20c5=2.
if RG205 = -1 and RG20b5 = -1 RG20c5=-1.
if any(-8,RG205,RG20b5) RG20c5=-8.
if any(-9,RG205,RG20b5) RG20c5=-9.
if any(-2,RG205,RG20b5) RG20c5=-2.
VARIABLE LABEL RG20c5 “(D) Caring support received (16+ and <16 combined): Training and learning / having a befriender or a peer mentor”.
VALUE LABELS RG20c5 1  “Mentioned” 2  “Not mentioned” -1  “Item not applicable” -8  “Don’t know” -9  “Refused”.

*Advocacy services.

COMPUTE RG20c6=-99.
IF RG206=1 OR RG20b6=1 RG20c6=1.
IF RG206=0 OR RG20b6=0 RG20c6=2.
if RG206 = -1 and RG20b6 = -1 RG20c6=-1.
if any(-8,RG206,RG20b6) RG20c6=-8.
if any(-9,RG206,RG20b6) RG20c6=-9.
if any(-2,RG206,RG20b6) RG20c6=-2.
VARIABLE LABEL RG20c6 “(D) Caring support received (16+ and <16 combined): Advocacy services”.
VALUE LABELS RG20c6 1  “Mentioned” 2  “Not mentioned” -1  “Item not applicable” -8  “Don’t know” -9  “Refused”.

*Personal assistant/ support worker/ community nurse/ home help.

COMPUTE RG20c7=-99.
IF RG207=1 OR RG20b7=1 RG20c7=1.
IF RG207=0 OR RG20b7=0 RG20c7=2.
if RG207 = - 1 and RG20b7 = -1 RG20c7=-1.
if any(-8,RG207,RG20b7) RG20c7=-8.
if any(-9,RG207,RG20b7) RG20c7=-9.
if any(-2,RG207,RG20b7) RG20c7=-2.
VARIABLE LABEL RG20c7 “(D) Caring support received (16+ and <16 combined): Personal assistant/ support worker/ community nurse/ home help”.
VALUE LABELS RG20c7 1  “Mentioned” 2  “Not mentioned” -1  “Item not applicable” -8  “Don’t know” -9  “Refused”.

*Help from family, friends or neighbours.

COMPUTE RG20c8=-99.
IF RG208=1 OR RG20b8=1 RG20c8=1.
IF RG208=0 OR RG20b8=0 RG20c8=2.
if RG208 = -1 and RG20b8 = -1 RG20c8=-1.
if any(-8,RG208,RG20b8) RG20c8=-8.
if any(-9,RG208,RG20b8) RG20c8=-9.
if any(-2,RG208,RG20b8) RG20c8=-2.
VARIABLE LABEL RG20c8 “(D) Caring support received (16+ and <16 combined): Help from family, friends or neighbours”.
```

```
VALUE LABELS RG20c8 1  “Mentioned” 2  “Not mentioned” -1  “Item not applicable” -8  “Don’t know” -9  “Refused”.

*Help from teachers at school, e.g. talking or extra help with homework (4-15 only).

recode RG20b9 (0 = 2) (else = copy) into RG20c9.
VARIABLE LABEL RG20c9 “(D) Caring support received: Help from teachers at school, e.g. talking or extra help with homework (4-15 only)”.
VALUE LABELS RG20c9 1  “Mentioned” 2  “Not mentioned” -1  “Item not applicable” -8  “Don’t know” -9  “Refused”.

*Social activities and support, e.g. young carers' groups or day trips (4-15 only).

recode RG20b10 (0 = 2) (else = copy) into RG20c10.
VARIABLE LABEL RG20c10 “(D) Caring support received: Social activities and support, e.g. young carers' groups or day trips (4-15 only)”.
VALUE LABELS RG20c10 1  “Mentioned” 2  “Not mentioned” -1  “Item not applicable” -8  “Don’t know” -9  “Refused”.

*Carers allowance (16+ only).

recode RG209 (0 = 2) (else = copy) into RG20c11.
VARIABLE LABEL RG20c11 “(D) Caring support received: Carers allowance (16+ only)”.
VALUE LABELS RG20c11 1  “Mentioned” 2  “Not mentioned” -1  “Item not applicable” -8  “Don’t know” -9  “Refused”.

*Other.

COMPUTE RG20c12=-99.
IF RG2010=1 OR RG20b11=1 RG20c12=1.
IF RG2010=0 OR RG20b11=0 RG20c12=2.
if RG2010 = -1 and RG20b11 = -1 RG20c12=-1.
if any(-8,RG2010,RG20b11) RG20c12=-8.
if any(-9,RG2010,RG20b11) RG20c12=-9.
if any(-2,RG2010,RG20b11) RG20c12=-2.
VARIABLE LABEL RG20c12 “(D) Caring support received (16+ and <16 combined): Other”.
VALUE LABELS RG20c12 1  “Mentioned” 2  “Not mentioned” -1  “Item not applicable” -8  “Don’t know” -9  “Refused”.

*Receive no help or support.

COMPUTE RG20c13=0.
IF RG2011=1 OR RG20b12=1 RG20c13=1.
IF RG2011=0 OR RG20b12=0 RG20c13=2.
if RG2011 = -1 and RG20b12 = -1 RG20c13=-1.
if any(-8,RG2011,RG20b12) RG20c13=-8.
if any(-9,RG2011,RG20b12) RG20c13=-9.
if any(-2,RG2011,RG20b12) RG20c13=-2.
VARIABLE LABEL RG20c12 “(D) Caring support received (16+ and <16 combined): Receive no help or support”.
VALUE LABELS RG20c12 1  “Mentioned” 2  “Not mentioned” -1  “Item not applicable” -8  “Don’t know” -9  “Refused”.
```

LONGSTANDING ILLNESS

limitac_H: (D) Whether any LTC limits activities - harmonised version
limitill: (D) Limiting longstanding illness

```
* Limitac_H.

Compute limitac_H=-99.
If longill12=2 limitac_H=-1.
if longill12 <0 limitac_H=-1.
If (any(3,limitac1,limitac2,limitac3,limitac4,limitac5,limitac6)
 and (limitac1 ne 1 or limitac2 ne 1 or limitac3 ne 1 or limitac4 ne 1 or limitac5 ne 1 or limitac6 ne
1)) limitac_H =2.
If (any(3,limitac1,limitac2,limitac3,limitac4,limitac5,limitac6)
 and (limitac1 ne 2 or limitac2 ne 2 or limitac3 ne 2 or limitac4 ne 2 or limitac5 ne 2 or limitac6 ne
2)) limitac_H =3.
If (any(2,limitac1,limitac2,limitac3,limitac4,limitac5,limitac6)
 and (limitac1 ne 1 or limitac2 ne 1 or limitac3 ne 1 or limitac4 ne 1 or limitac5 ne 1 or limitac6 ne
1)) limitac_H =2.
If any(1,limitac1,limitac2,limitac3,limitac4,limitac5,limitac6) limitac_H = 1.
if (limitac1 lt 0 and limitac2 lt 0 and limitac3 lt 0 and limitac4 lt 0 and limitac5 lt 0 and limitac6 lt 0)
limitac_H=-9.
exe.
variable label limitac_H "(D) Whether any LTC limits activities - harmonised version".
val labs limitac_H 1 "Yes, a lot" 2 "Yes, a little" 3 "Not at all" -1 "Item not applicable" -9 "Don't
know/not answered".

* LIMITILL.

RECODE longill12 (1=2) (2=3) (ELSE=COPY) INTO limitill.
IF any(1,limitac1,limitac2,limitac3,limitac4,limitac5,limitac6) limitill=1.
VARIABLE LABEL limitill '(D) Limiting longstanding illness'.
VALUE LABLES limitill
  1 'Limiting LI'
  2 'Non limiting LI'
  3 'No LI'.
exe .
```

compm1: (D) II Neoplasms & benign growths
compm2a: (D) III Endocrine & metabolic
compm2b: (D) III Other endocrine & metabolic
compm3: (D) V Mental disorders
compm4: (D) VI Nervous System
compm5: (D) VI Eye complaints
compm6: (D) VI Ear complaints
compm7a: (D) VII Stroke
compm7b: (D) VII MI / angina
compm7c: (D) VII Hypertension
compm7d: (D) VII Other heart problems
compm7e: (D) VII Other circulatory system
compm8: (D) VIII Respiratory system
compm9: (D) IX Digestive system
compm10: (D) X Genito-urinary system
compm11: (D) XII Skin complaints
compm12: (D) XIII Musculoskeletal system
compm13: (D) I Infectious Disease
compm14: (D) IV Blood & related organs
compm15: (D) Other complaints
compm17: (D) No long-standing Illness
compm18: (D) No longer present
compm99: (D) Unclass/NLP/inadequate

```
** COMPM series.

** CREATES COMPM series.
** new 2015 – number 5 and 7 seperated out

DO REPEAT xcomp=compm1 compm2a compm2b compm3 compm4 compm5 compm6
compm7a compm7b compm7c compm7d compm7e compm8 compm9 compm10 compm11
compm12 compm13 compm14 compm15 compm17 compm18.
COMPUTE xcomp=0.
IF (longill08<0) xcomp=-9.
END REPEAT.
DO REPEAT xill=illcode1 illcode2 illcode3 illcode4 illcode5 illcode6.
IF (xill=1) compm1=1.

** new - category 2 seperated out

IF (xill=2) compm2a=1.
IF (xill=3) compm2b=1.

IF (RANGE(xill,4,5)) compm3=1.
IF (RANGE(xill,6,8)) compm4=1.
IF (RANGE(xill,9,10)) compm5=1.
IF (RANGE(xill,11,14)) compm6=1.

** new - compm7 seperated out

IF (xill=15) compm7a=1.
IF (xill=16) compm7b=1.
IF (xill=17) compm7c=1.
```

```
IF (xill=18) compm7d=1.

IF (RANGE(xill,19,21)) compm7e=1.

IF (RANGE(xill,22,25)) compm8=1.
IF (RANGE(xill,26,29)) compm9=1.
IF (RANGE(xill,30,33)) compm10=1.
IF (xill=39) compm11=1.
IF (RANGE(xill,34,36)) compm12=1.
IF (xill=37) compm13=1.
IF (xill=38) compm14=1.
IF (xill=40) compm15=1.
IF (longill08 = 1 & xill = 42) compm18 = 1 .
END REPEAT.
IF (longill08 = 2) compm17 = 1.
COMPUTE compm99 = 0 .
IF (longill08 = 1 & ANY(illcode1,41,42,-1,-8,-9)) compm99 = 1 .
IF (longill08<0) compm99 = -9.

VARIABLE LABELS compm1 '(D) II Neoplasms & benign growths'
/compm2a '(D) III Diabetes'
/compm2b '(D) III Other endocrine & metabolic'
/compm3 '(D) V Mental disorders'
/compm4 '(D) VI Nervous System'
/compm5 '(D) VI Eye complaints'
/compm6 '(D) VI Ear complaints'
/compm7a '(D) VII Stroke'
/compm7b '(D) VII MI / angina'
/compm7c '(D) VII Hypertension'
/compm7d '(D) VII Other heart problems'
/compm7e '(D) VII Other circulatory system'
/compm8 '(D) VIII Respiratory system'
/compm9 '(D) IX Digestive system'
/compm10 '(D) X Genito-urinary system'
/compm11 '(D) XII Skin complaints'
/compm12 '(D) XIII Musculoskeletal system'
/compm13 '(D) I Infectious Disease'
/compm14 '(D) IV Blood & related organs'
/compm15 '(D) Other complaints'
/compm17 '(D) No long-standing Illness'
/compm18 '(D) No longer present'
/compm99 '(D) Unclass/NLP/inadeq.describe'.
VALUE LABELS compm1 TO compm17
-1 "Item not applicable"
-8 "Don't know"
-9 "Refused/not answered"
0 'No condition present'
1 'Has condition'.
VALUE LABELS compm18 compm99
-1 "Item not applicable"
-8 "Don't know"
-9 "Refused/not answered"
0 'Not mentioned’
1 ‘Mentioned’.
value labels compm17
-9 "Refused/not answered" 0"Has a condition" 1 "No condition".
```

HBP_UD: (D) Undeclared hypertension
DIA_UD: (D) Undeclared diabetes
condcnt15: (D) Number of grouped condition categories
condct15a: (D) Number of conditions inc additional HBP & diabetes cases
condct15b: (D) Number of grouped conditions (all those with illness)
cond15ag: (D) Number of grouped conditions - 4 plus (with additional HBP/ Diabetes cases)
cond15ag2: (D) Number of grouped conditions - 2 plus (with additional HBP/ Diabetes cases)
condphy15: (D) Number of physical conditions excluding mental health – 1+ conditions

```
** NEW 2015

* Identify additional cases of hypertension (described as undeclared, as it wasn't declared at the
long-term condition question).

compute HBP_UD=-99.
if CURRBP=1 and compm7c=0 HBP_UD=1.
if CURRBP=1 and compm7c=1 HBP_UD=0.
if CURRBP=2 HBP_UD=0.
if CURRBP LT 0 | compm7c LT 0 HBP_UD=-1.
IF (age lt 16) hbp_ud=-2.
exe.
Var lab HBP_UD "(D) Undeclared hypertension".
add value labels HBP_UD -2 "Schedule not applicable"-8 "Don't know" -9 "Refused/not
answered" -1 "Item not applicable" 1 "Yes" 0 "No".


** New 2015

** Identify additional cases of diabetes (described as undeclared, as it wasn't declared at the
long-term condition question).

compute DIA_UD=-99.
if diabete2=1 and compm2a =0 DIA_UD=1.
if diabete2=1 and compm2a =1 DIA_UD=0.
if diabete2=2 DIA_UD=0.
if diabete2 LT 0 | compm2a LT 0 DIA_UD=-1.
if (age lt 16) DIA_UD= -2.
exe.
Var lab DIA_UD "(D) Undeclared diabetes".
add value labels DIA_UD -2 "Schedule not applicable"-8 "Don't know" -9 "Refused/not answered"
-1 "Item not applicable" 1 "Yes" 0 "No".

** condcnt.
** NB SYNTAX CHANGED TO ACCOUNT FOR UNGROUPED CONDITIONS
** CONDCNT NAMED CONDCNT15
** longill asked of all so -2 not needed

IF (longill08 = 2) condcnt15 = 0 .
DO IF (longill08 = 1).
COUNT condcnt15 = compm1 compm2a compm2b compm3 compm4 compm5 compm6
compm7a compm7b compm7c compm7d compm7e compm8 compm9 compm10 compm11
compm12 compm13 compm14 compm15 (1) .
```

```
END IF .
IF (longill08 = 1 & (any(illcode1,41,42,97,99) | illcode1<0)) condcnt15= 1 .
IF (longill08<0) condcnt15 = longill08.
VARIABLE LABEL condcnt15 "(D) Number of grouped condition categories – ungrouped" .
VALUE LABELS condcnt15
-1 "Item not applicable"
-8 "Don't know"
-9 "Refused/not answered"
0 'No LS illness'.

** Condcnt15a
** add the new conditions

compute condct15a = condcnt15.
if HBP_UD=1 condct15a = condct15a+1.
if DIA_UD=1 condct15a = condct15a+1.
exe.
var labels condct15a "(D) Number of conditions inc additional HBP & diabetes cases".
add VALUE LABELS condct15a
-1 "Item not applicable"
-8 "Don't know"
-9 "Refused/not answered".

** condcnt4.
** rename to condcnt15b

COMPUTE condct15b=condct15a.
IF (longill08 = 2) condct15b = -1.
VARIABLE LABEL condct15b "(D) Number of grouped conditions (all those with illness)" .
add value labels condct15b -1 "Item not applicable" -9 "Refused/not answered" -8 "Don't know".


** NEW 2015
** CONDCNT GROUPED
** previously called condcnt2

RECODE condct15a (4 thru hi=4) (ELSE=COPY) INTO cond15ag.
VARIABLE LABELS cond15ag "(D) Number of grouped conditions - 4 plus (with add HBP/
Diabetes cases)" .
VALUE LABELS cond15ag
-8 "Don't know" -1 "Item not applicable" -9 "Refused/not answered"   0 'No LS illness' 1 "1" 2 "2"
3 "3"   4 '4 or more'.
exe.

** Grouped.

RECODE condct15a (2 thru hi=2) (ELSE=COPY) INTO cond15ag2.
VARIABLE LABEL cond15ag2 "(D) Number of grouped conditions - 2 plus (with additional HBP/
Diabetes cases)" .
VALUE LABELS cond15ag2
-8 "Don't know" -1 "Item not applicable" -9 "Refused/not answered" 0 'No LS illness'
1 'One LS illness' 2'2 or more LS illnesses'. Exe.

** Conphy15
** Using the individual compm dvs for the individual longstadnign conditions
** compm3 (mental health chapter five) is excluded
```

```
IF (longill08 = 2) condphy15x = 0.
DO IF (longill08 = 1).
COUNT condphy15x = compm1 compm2a compm2b  compm4 compm5 compm6 compm7a
compm7b compm7c compm7d compm7e compm8 compm9 compm10 compm11 compm12
compm13 compm14 compm15 (1) .
END IF .

fre condphy15x.

recode condphy15x (0=0) (1 thru hi =1) into condphy15.
cro condphy15 by condphy15x.

IF (longill08 = 1 & (any(illcode1,41,42,97,99) | illcode1<0)) condphy15= 1 .
IF (longill08<0) condphy15 = longill08.
VARIABLE LABEL condphy15 "(D) Number of physical conditions excluding mental health – 1+
conditions" .
VALUE LABELS condphy15
-1 "Item not applicable"
-8 "Don't know"
-9 "Refused/not answered"
0 "No LS physical illnesses"
1 "One or more LS physical illnesses".
```

WELLBEING AND MENTAL HEALTH

GHQ12

ghq12scr: (D) GHQ Score - 12 point scale
ghqg2: (D) GHQ Score - grouped (0,1-3,4+)

```
** GHQ12SCR GHQG2.

COMPUTE ghq12scr = 0 .
RECODE ghqconc (-2=COPY) (-6=COPY) INTO ghq12scr.
DO REPEAT ghqtemp=ghqconc to ghqhappy.
   IF ANY(ghqtemp,3,4) ghq12scr=ghq12scr+1.
END REPEAT.
IF ANY(-9,ghqconc to ghqhappy) ghq12scr=-9 .
exe.

RECODE ghq12scr
  (-9 thru -1=Copy) (0=1) (1 thru 3=2) (4 thru Highest=3) INTO  GHQg2.
VARIABLE LABEL ghq12scr "(D) GHQ Score - 12 point scale".
VARIABLE LABEL ghqg2 "(D) GHQ Score - grouped (0,1-3,4+)".
VALUE LABELS ghqg2 1 'Score 0'    2 'Score 1-3'    3 'Score 4+'.
```

WEMWBS

wemwbs: (D) WEMWBS score

```
* WEMWBS score

COMPUTE wemwbs = 0 .
DO REPEAT Wtemp=OPTIM to CHEER.
   if (WTEMP >=1) wemwbs=wemwbs+wtemp.
END REPEAT.
IF (ANY(-2,OPTIM to CHEER)) wemwbs=-2.
IF (ANY(-9,OPTIM to CHEER)) wemwbs=-9 .
IF (ANY(-6,OPTIM to CHEER)) wemwbs=-6 .
VARIABLE LABEL wemwbs "(D) WEMWBS score".
add value labels wemwbs -9 "Refusal"    -6 "Schedule not obtained" -2 "Schedule not applicable".
```

STRENGTH AND DIFFICULTIES QUESTIONNAIRE

sdq_pro: (D) SDQ Prosocial Dimension Score
sdq_hyp: (D) SDQ Hyperactivity Dimension Score
sdq_emo: (D) SDQ Emotional Symptoms Dimension Score
sdq_con: (D) SDQ Conduct Disorder Dimension Score
sdq_pee: (D) SDQ Peer Problems Dimension Score
sdq_tot: (D) SDQ Total Dimension Score (excl. Prosocial).

```
*** SDQ calculations.
* set macros.

* (1) change 1 to and missings to 0, 2 to 1, and 3 to 2.

DEFINE mposx (!POS !CMDEND).
!LET !vin=!CONCAT("sdq",!1).
!LET !vout=!CONCAT("xdq",!1).
RECODE !vin (1=0) (2=1) (3=2) (ELSE=0) INTO !vout.
!ENDDEFINE.

* (2) change 1 to 2, 2 to 1, 3 and missings to 0.

DEFINE mnegx (!POS !CMDEND).
!LET !vin=!CONCAT("sdq",!1).
!LET !vout=!CONCAT("xdq",!1).
RECODE !vin (1=2) (2=1) (3=0) (ELSE=0) INTO !vout.
!ENDDEFINE.

** SDQ scores.
* Count current missings.

COUNT xpro= sdqfeel sdqshare sdqhelp sdqkind sdqvols (-9).
COUNT xhyp= sdqhyper sdqfidgt sdqdaze sdqthink sdqtend (-9).
COUNT xemo= sdqaches sdqworry sdqsad sdqcling sdqfears (-9).
COUNT xcon= sdqtempr sdqobeys sdqfight sdqlies sdqsteal (-9).
COUNT xpee= sdqalone sdqpal sdqliked sdqbulld sdqadult (-9).
exe.
```

```
* Copy and recode scales using macros.
* negative missing values become 0s.

MPOSX feel.
MPOSX share.
MPOSX help.
MPOSX kind.
MPOSX vols.
MPOSX hyper.
MPOSX fidgt.
MPOSX daze.
MPOSX aches.
MPOSX worry.
MPOSX sad.
MPOSX cling.
MPOSX fears.
MPOSX tempr.
MPOSX fight.
MPOSX lies.
MPOSX steal.
MPOSX alone.
MPOSX bulld.
MPOSX adult.
MNEGX obeys.
MNEGX pal.
MNEGX liked.
MNEGX think.
MNEGX tend.
exe.

* Compute dimension scores.

* SDQ Prosocial Dimension Score.
COMPUTE sdq_pro= xdqfeel + xdqshare + xdqhelp + xdqkind + xdqvols.
exe.

* SDQ Hyperactivity Dimension Score.
COMPUTE sdq_hyp= xdqhyper + xdqfidgt + xdqdaze + xdqthink + xdqtend.

* SDQ Emotional Symptoms Dimension Score.
COMPUTE sdq_emo= xdqaches + xdqworry + xdqsad + xdqcling + xdqfears.

* SDQ Conduct Disorder Dimension Score.
COMPUTE sdq_con= xdqtempr + xdqobeys + xdqfight + xdqlies + xdqsteal.

* SDQ Peer Problems Dimension Score.
COMPUTE sdq_pee= xdqalone + xdqpal + xdqliked + xdqbulld + xdqadult.
exe.

* Check number of -9s (refused/not answered) within elements of the scores.
* mean score calculated if 3 or more within set answered otherwise set to -9.

IF (xpro<=2) sdq_pro=sdq_pro*5/(5-xpro).
IF (xpro>2) sdq_pro=-9.
IF (xhyp<=2) sdq_hyp=sdq_hyp*5/(5-xhyp).
IF (xhyp>2) sdq_hyp=-9.
```

```
IF (xemo<=2) sdq_emo=sdq_emo*5/(5-xemo).
IF (xemo>2) sdq_emo=-9.
IF (xcon<=2) sdq_con=sdq_con*5/(5-xcon).
IF (xcon>2) sdq_con=-9.
IF (xpee<=2) sdq_pee=sdq_pee*5/(5-xpee).
IF (xpee>2) sdq_pee=-9.
exe.

* SDQ total (hyperactivity + emotional + conduct disorder + peer problems.

compute sdq_tot=0.
IF sdq_hyp >0 sdq_tot=sdq_tot+sdq_hyp.
IF sdq_emo >0 sdq_tot=sdq_tot+sdq_emo.
IF sdq_con >0 sdq_tot=sdq_tot+sdq_con.
IF sdq_pee >0 sdq_tot=sdq_tot+sdq_pee.

* Reset missing values for dimensions & total.
* copy over the -6 and -2 from the first variable in the set from the SC questionnaire.

missing values sdqfeel ().

DO IF (RANGE(sdqfeel,-6,-1)).
COMPUTE sdq_pro=sdqfeel.
COMPUTE sdq_hyp=sdqfeel.
COMPUTE sdq_emo=sdqfeel.
COMPUTE sdq_con=sdqfeel.
COMPUTE sdq_pee=sdqfeel.
COMPUTE sdq_tot=sdqfeel.
END IF.

VARIABLE LABELS sdq_pro "(D) SDQ Prosocial Dimension Score"
  /sdq_hyp "(D) SDQ Hyperactivity Dimension Score"
  /sdq_emo "(D) SDQ Emotional Symptoms Dimension Score"
  /sdq_con "(D) SDQ Conduct Disorder Dimension Score"
  /sdq_pee "(D) SDQ Peer Problems Dimension Score"
  /sdq_tot "(D) SDQ Total Dimension Score (excl. Prosocial)".
exe .
```

sdq_prog: (D) SDQ Prosocial behaviour dimension (grouped 6-10,5,0-4)
sdq_hypg: (D) SDQ Hyperactivity dimension (grouped 0-5,6,7-10)
sdq_emog: (D) SDQ Emotional Symptoms dimension (grouped 0-3,4,5-10)
sdq_cong: (D) SDQ Conduct Disorder dimension (grouped 0-2,3,4-10)
sdq_peeg: (D) SDQ Peer problems dimension (grouped 0-2,3,4-10)
sdq_totg: (D) SDQ Total dimension (grouped 0-13,14-16,17-40)
sdq_totg2: (D) SDQ Total dimension (grouped 0-13, 14-40)

```
** grouped SDQ dimensions.
RECODE sdq_pro (5.5 THRU 10=1)(4.5 thru 5.5=2)(0 THRU 4.5=3)(-9 thru -1=COPY)
 INTO sdq_prog.
RECODE sdq_hyp (6.5 THRU 10=3)(5.5 thru 6.5=2)(0 THRU 5.5=1)(-9 thru -1=COPY)
INTO sdq_hypg.
RECODE sdq_emo (4.5 THRU 10=3)(3.5 thru 4.5=2)(0 THRU 3.5=1)(-9 thru -1=COPY)
 INTO sdq_emog.
RECODE sdq_con (3.5 THRU 10=3)(2.5 thru 3.5=2)(0 THRU 2.5=1)(-9 thru -1=COPY)
```

```
 INTO sdq_cong.
RECODE sdq_pee (3.5 THRU 10=3)(2.5 thru 3.5=2)(0 THRU 2.5=1)(-9 thru -1=COPY)
 INTO sdq_peeg.
RECODE sdq_tot (16.5 THRU 40=3)(13.5 THRU 16.5=2)(0 THRU 13.5=1)(-9 thru -1=COPY)
 INTO sdq_totg.
VARIABLE LABELS
        sdq_prog '(D) SDQ Prosocial behaviour dimension (grouped 6-10,5,0-4)'
       /sdq_hypg '(D) SDQ Hyperactivity dimension (grouped 0-5,6,7-10)'
       /sdq_emog '(D) SDQ Emotional Symptoms dimension (grouped 0-3,4,5-10)'
       /sdq_cong '(D) SDQ Conduct Disorder dimension (grouped 0-2,3,4-10)'
       /sdq_peeg '(D) SDQ Peer problems dimension (grouped 0-2,3,4-10)'
       /sdq_totg '(D) SDQ Total dimension (grouped 0-13,14-16,17-40)'.
VALUE LABELS
        sdq_prog 1 '6-10' 2 '5' 3 '0-4'
       /sdq_hypg 1 '0-5' 2 '6' 3 '7-10'
       /sdq_emog 1 '0-3' 2 '4' 3 '5-10'
       /sdq_cong 1 '0-2' 2 '3' 3 '4-10'
       /sdq_peeg 1 '0-2' 2 '3' 3 '4-10'
       /sdq_totg 1 '0-13' 2 '14-16' 3 '17-40' .
exe.

recode SDQ_totg (1=0) (2,3=1) (else=copy) into SDQ_totg2.
Var lab SDQ_totg2 "(D) SDQ Total dimension (grouped 0-13, 14-40)".
val labs SDQ_totg2 0 '0-13 (normal)' 1 '14-40 (borderline/abnormal'.
exe.
```

CLINICAL INTERVIEW SCHEDULE REVISED (DEPRESSION, ANXIETY, DELIBERATE SELF-HARM)

depsymp: (D) Number of depression symptoms (SC)
depany: (D) Any depression symptoms (SC)
depany2: (D) One or more depression symptoms (SC)
anxsymp: (D) Number of anxiety symptoms (SC)
anxany: (D) Any anxiety symptoms (SC)
anxany2: (D) One or more anxiety symptoms (SC)
suicide: (D) Attempted to take own life (in last week / in last year / some other time / never) (SCI)
suicide2: (D) Attempted to take own life (in last year / longer than year / never) (SC)
suicide3: (D) Whether attempted to take own life (SC)

```
* Depression.
* count of symptoms.

*depsymp.
compute depsymp=0.
IF G5SC=2 depsymp=depsymp+1.
IF G6SC=1 depsymp=depsymp+1.
IF G7SC=1 depsymp=depsymp+1.
IF G9SC=2 depsymp=depsymp+1.
* additional lines for PAPI because routing for some Qs is ask all:.
if any(typesc,5,6) and G2sc  = 1 and G5sc = 2 Depsymp  = Depsymp -1.
```

```
If any(typesc , 5,6) and (not(G4sc = 1 or G5sc = 2)) and G6sc = 1 depsymp = Depsymp-1.
If any(typesc , 5,6) and (not(G4sc = 1 or G5sc = 2)) and G7sc = 1 depsymp = Depsymp-1.
if any(typesc,5,6) and (not(G4sc = 1 or G5sc = 2)) and G9sc = 2 depsymp = Depsymp-1.

IF age lt 16 depsymp=-2.
IF G1SC= -1 depsymp=-1. /* added to code in -1 at initial depression Q.
IF ANY (-9, G1SC, G4SC,G5SC to G9SC) depsymp=-9.
IF ANY (-8, G1SC,G4SC,G5SC to G9SC) depsymp=-8.
IF ANY (-6, G1SC,G4SC,G5SC to G9SC) depsymp=-6.
Var labels Depsymp “(D) Number of depression symptoms (SC)”.

* whether has any symptoms.

recode depsymp (0=0)(1 thru hi=1)(else=copy)into depany.
var label depany "(D) Any depression symptoms (SC)".
value labels depany 0 "No depression symptoms"
                    1"One or more depression symptoms".

recode depsymp (0=0)(1=1)(2 thru hi=2) (else=copy) into depany2.
var label depany2 "(D) One or more depression symptoms".
value labels depany2
0 "No depression symptoms"
1 "1 depression symptom"
2 "2 or more depression symptoms".


* Anxiety.
compute anxsymp=0.
IF J6SC=1 anxsymp=anxsymp+1.
IF J7SC=1 anxsymp=anxsymp+1.
IF J8SC=1 anxsymp=anxsymp+1.
IF J9SC=1 anxsymp=anxsymp+1.
IF J10SC=1 anxsymp=anxsymp+1.
if J1sc = -1 anxsymp = -1.  /* added to code in initial missings -Version A.
IF age lt 16 anxsymp=-2.
IF ANY (-9, J1SC,J3SC,J5SC,J6SC,J7SC,J8SC,J9SC,J10SC)anxsymp=-9.
IF ANY (-8, J1SC,J3SC,J5SC,J6SC,J7SC,J8SC,J9SC,J10SC)anxsymp=-8.
IF ANY (-6, J1SC,J3SC,J5SC,J6SC,J7SC,J8SC,J9SC,J10SC)anxsymp=-6.
exe.
var label anxsymp "(D) Number of anxiety symptoms (SC)".

* whether has any symptoms.

recode anxsymp (0=0)(1 thru hi=1)(else=copy)into anxany.
var label anxany "(D) Any anxiety symptoms (SC)".
value labels anxany 0 "No anxiety symptoms"   1"One or more anxiety symptoms".

recode anxsymp (0=0)(1=1)(2 thru hi=2) (else=copy) into anxany2.
var label anxany2 "(D) One or more anxiety symptoms".
value labels anxany2 0 "No anxiety symptoms" 1 "1 anxiety symptom" 2 "2 or more anxiety
symptoms".

* Suicide.
Compute suicide=-99.
IF DSH4SC=1 and DSH4aSC=1 suicide=1.
IF DSH4SC=1 and DSH4aSC=2 suicide=2.
```

```
IF DSH4SC=1 and DSH4aSC=3 suicide=3.
IF DSH4SC=2 suicide=4.
IF age lt 16 suicide=-2.
if DSH4SC = -6 suicide = -6. /* added in for PAPI no returns.
if DSH4SC = -1 suicide = -1. /* added in to code initial missings.
IF ANY (-9, DSH4SC, DSH4aSC)suicide=-9.
IF ANY (-8, DSH4SC, DSH4aSC)suicide=-8.
var label suicide "(D) Attempted to take own life (in last week / in last year / some other time /
never) (SCI)".
value labels suicide 1"Yes, in last week"    2 "Yes, in last year"   3 "Yes, at some other time"
4 "Never".

* suicide2.
recode suicide (1,2=1)(3=2)(4=3)(else=copy) into suicide2.
var lab suicide2 '(D) Attempted to take own life (in last year / longer than year / never) (SC)'.
val lab suicide2 1'Yes, in last year (inc last week)' 2'Yes longer than year' 3'Never'.

*Suicide3.
recode suicide2 (1,2=1)(3=2)(else=copy) into suicide3.
var lab suicide3 '(D) Whether attempted to take own life (SC)'.
val labs suicide3 1'Yes' 2'No'.
```

ASTHMA

twewz2: (D) Wheezed in last 12 months

```
** twewz2.

COMPUTE twewz2=twewz.
DO REPEAT xxresp= twewz2.
RECODE everw(-9,-8,2=COPY) INTO xxresp.
END REPEAT.
VARIABLE LABELS twewz2 "(D) Wheezed in last 12 months".
VALUE LABELS twewz2    1 "Yes"    2 "No" -2  "Schedule not applicable" -1 "Item not applicable"
-8 "Don't know"  -9 "Refused".
```

COVID

LongCov2: (D) Has long COVID, still experiencing symptoms more than 4 weeks after first had COVID-19, that are not explained by something else

LngCoAct2: (D) Long Covid reduces ability to carry-out day-to-day activities compared with the time before had COVID-19

Vacwill: (D) Whether have had/would be willing to have the COVID-19 vaccine

```
* LongCov2.

Compute LongCov2 = Longcovi.
if HadCovid = 3 LongCov2 = 2.
exe.
variable labels LongCov2 “(D) Has long COVID, still experiencing symptoms more than 4 weeks
after first had COVID-19, that are not explained by something else”.
add value labels LongCov2 1 "Yes" 2 "No".

* LngCoAct2.
```

```
Compute LngCoAct2= LngCoAct.
if LongCov2 = 2 LngCoAct2 = 4.
exe.
variable labels LngCoAct2 "(D) Long Covid reduces ability to carry-out day-to-day activities
compared with the time before had COVID-19".
add value labels LngCoAct2 1 "Yes, a lot" 2 "Yes, a little" 3 "Not at all" 4 "Not had long COVID".

* Vacwill.

compute vacwill = -99.
if RecVacB=1 or Vacoff = 1 vacwill  = 1.
if (any(RecVacB,2,-8,-9) and VacOff=1) vacwill  = 1.
if any (RecVacB,2,-8,-9) and any(VacOff,3,-8,-9) and any(Vaccine, 1,2) Vacwill = 1.
if any (RecVacB, 2, -8,-9) and  (any(VacOff ,2,-8,-9) or any(Vaccine, 4,5, -8)) Vacwill = 2.
if any (RecVacB, 2, -8,-9) and Vaccine = 3 Vacwill = 3.
if RecVacB = -9 and VacOff = -9 and Vaccine = -9 Vacwill = 3.
if RecVacB = -8 and VacOff = -8 and Vaccine = -8 Vacwill = 3.
if age lt 16 Vacwill = -2.
exe.
variable labels Vacwill "(D) Whether have had/would be willing to have the COVID-19 vaccine".
add value labels Vacwill 1 "Yes" 2 "No" 3 " Not reported/unsure ".
```

CVD

CVD CONDITIONS

cvddef: (D) Had cardiovascular condition

```
** cvddef.
*NB this variable is derived from other derived variables, which are defined elsewhere in this
document

IF (ANY(2,murmur1,diabete2,bp1,angidef,heartdef,iregdef,ohtdef,
  strodef)) cvddef=2.
IF (ANY(-9,murmur1,diabete2,bp1,angidef,heartdef,iregdef,ohtdef,
  strodef)) cvddef=-9.
IF (ANY(-8,murmur1,diabete2,bp1,angidef,heartdef,iregdef,ohtdef,
  strodef)) cvddef=-8.
IF (ANY(1,murmur1,diabete2,bp1,angidef,heartdef,iregdef,ohtdef,
  strodef)) cvddef=1.
IF (age lt 16)cvddef=-2.
VARIABLE LABELS cvddef "(D) Had cardiovascular condition".
VALUE LABELS cvddef 1 "Yes" 2 "No" -2 "Schedule not applicable" -8 "Don't Know" -9
"Refused/not answered".
```

cvddef1: (D) Had cardiovascular condition (excluding diabetes/high BP

```
*NB this variable is derived from other derived variables, which are defined elsewhere in this
document

IF (ANY(2,murmur1,angidef,heartdef,iregdef,ohtdef,
  strodef)) cvddef1=2.
IF (ANY(-9,murmur1,angidef,heartdef,iregdef,ohtdef,
```

```
  strodef)) cvddef1=-9.
IF (ANY(-8,murmur1,angidef,heartdef,iregdef,ohtdef,
  strodef)) cvddef1=-8.
IF (ANY(1,murmur1,angidef,heartdef,iregdef,ohtdef,
  strodef)) cvddef1=1.
IF (AGE lt 16) cvddef1=-2.
VARIABLE LABELS cvddef1 "(D) Had cardiovascular condition (excluding diabetes/high BP)".
VALUE LABELS cvddef1 1 "Yes" 2 "No" -2 "Schedule not applicable" -8 "Don't Know" -9
"Refused/not answered".
```

cvddef2: (D) Had cardiovascular condition (incl diabetes/excl. high BP)

```
*NB this variable is derived from other derived variables, which are defined elsewhere in this
document

**CVD new definition incl diabetes/excl. high BP.

IF (ANY(2,murmur1,angidef,heartdef,iregdef,ohtdef,
  strodef,diabete2)) cvddef2=2.
IF (ANY(-9,murmur1,angidef,heartdef,iregdef,ohtdef,
  strodef,diabete2)) cvddef2=-9.
IF (ANY(-8,murmur1,angidef,heartdef,iregdef,ohtdef,
  strodef,diabete2)) cvddef2=-8.
IF (ANY(1,murmur1,angidef,heartdef,iregdef,ohtdef,
  strodef,diabete2)) cvddef2=1.
IF (AGE lt 16) cvddef2=-2.
VARIABLE LABELS cvddef2 "(D) Had cardiovascular condition (incl diabetes/excl. high BP)".
VALUE LABELS cvddef2 1 "Yes" 2 "No" -2 "Schedule not applicable" -8 "Don't Know" -9
"Refused/not answered".
execute.
```

ihdis: (D) Had IHD (Angina or Heart Attack)

```
*NB this variable is derived from other derived variables, which are defined elsewhere in this
document

*** ihdis.
IF (ANY(2,angidef,heartdef)) ihdis=2.
IF (ANY(-9,angidef,heartdef)) ihdis=-9.
IF (ANY(-8,angidef,heartdef)) ihdis=-8.
IF (ANY(1,angidef,heartdef)) ihdis=1.
IF (age lt 16)ihdis=-2.
VARIABLE LABELS ihdis "(D) Had IHD (Angina or Heart Attack)".
VALUE LABELS ihdis 1 "Yes" 2 "No" -1 "Item Not Applicable"  -8 "Don't Know" -9 "Refused/not
answered" -2 "Schedule not applicable".
```

cvdis: (D) Had CVD (Angina, Heart Attack or Stroke)

```
*NB this variable is derived from other derived variables, which are defined elsewhere in this
document

*** cvdis.
IF (ANY(2,angidef,heartdef,strodef)) cvdis=2.
IF (ANY(-9,angidef,heartdef,strodef)) cvdis=-9.
IF (ANY(-8,angidef,heartdef,strodef)) cvdis=-8.
```

```
IF (ANY(1,angidef,heartdef,strodef)) cvdis=1.
IF (age lt 16) cvdis=-1.
VARIABLE LABELS cvdis "(D) Had CVD (Angina, Heart Attack or Stroke)".
VALUE LABELS cvdis 1 "Yes" 2 "No" -1 "Item Not Applicable" -8 "Don't Know" -9 "Refused/not answered".
```

ANGINA

angidef: (D) Doctor diagnosed angina

```
RECODE docangi (-1=2)(else=copy) into angidef.
IF (AGE lt 16) angidef=-2.
VARIABLE LABELS angidef "(D) Doctor diagnosed angina".
VALUE LABELS angidef 1 "Yes" 2 "No".
```

recangi2: (D) Angina in last 12 months

```
RECODE recangi (-1=2)(else=copy) into recangi2.
IF (AGE lt 16) recangi2=-2.
VARIABLE LABELS recangi2 "(D) Angina in last 12 months".
VALUE LABELS recangi2 1 "Yes" 2 "No".
```

BLOOD PRESSURE

bp1: (D) Doctor diagnosed high blood pressure (excluding pregnant)
currbp: (D) Currently has high bp

```
* bp1

RECODE docnurbp (-9 thru -2=COPY) (1=1) (2=2) (-1=2) INTO bp1.
IF (sex=2 & nopregbp=2) bp1=2.
IF (ANY(-9,docnurbp,pregbp,nopregbp)) bp1=-9.
IF (ANY(-8,docnurbp,pregbp,nopregbp)) bp1=-8.
IF (age lt 16)bp1=-2.
VARIABLE LABEL bp1 "(D) Doctor diagnosed high blood pressure (excluding pregnant)".
VALUE LABELS bp1    1 "Yes"    2 "No".

* CURRENT BP.

COMPUTE currbp = -1.
do if (bp1 eq 1 and (medcinbp eq 1 or stillbp eq 1)).
COMPUTE currbp = 1.
else if ((bp1 eq 1 and medcinbp eq 2 and stillbp eq 2) or bp1 eq 2).
COMPUTE currbp = 2.
else if (bp1 eq 1 and (medcinbp eq -8 or stillbp eq -8)).
COMPUTE currbp = -8.
else if (bp1 eq -9 or medcinbp eq -9 or stillbp eq -9).
COMPUTE currbp = -9.
end if.
IF (age lt 16) currbp=-2.
VARIABLE LABEL currbp '(D) Currently has high bp'.
VALUE LABELS currbp 1'Yes'  2 'No'.
```

CHD/STROKE

heartdef: (D) Doctor diagnosed heart attack

```
RECODE docheart (-1=2)(else=copy) into heartdef.
IF (AGE lt 16) heartdef=-2.
VARIABLE LABELS heartdef "(D) Doctor diagnosed heart attack".
VALUE LABELS heartdef 1 "Yes" 2 "No".
```

strodef: (D) Doctor diagnosed stroke

```
RECODE docstro (-1=2)(else=copy) into strodef.
IF (AGE lt 16) strodef =-2.
VARIABLE LABELS strodef "(D) Doctor diagnosed stroke".
VALUE LABELS strodef  1 "Yes" 2 "No".
```

recheart2: (D) Heart attack in last 12 months

```
RECODE recheart (-1=2)(else=copy) into recheart2.
IF (AGE lt 16) recheart2=-2.
VARIABLE LABELS recheart2 "(D) Heart attack in last 12 months".
VALUE LABELS recheart2 1 "Yes" 2 "No".
```

recstro2: (D) Stroke in last 12 months

```
RECODE recstro (-1=2)(else=copy) into recstro2.
IF (AGE lt 16) recstro2=-2.
VARIABLE LABELS recstro2 "(D) Stroke in last 12 months".
VALUE LABELS recstro2 1 "Yes" 2 "No".
```

DIABETES

diabete2: (D) Doctor diagnosed diabetes (excluding pregnant)
type1: (D) Diabetes Type 1
type2: (D) Diabetes Type 2
typeDK: (D) Diabetes but don't know which type

```
** diabete2.

RECODE docinfo1 (-9 thru -2=COPY) (1=1) (2=2) (-1=2) INTO diabete2.
IF (sex=2 & nopregdi=2) diabete2=2.
IF (ANY(-9,docinfo1,pregdi,nopregdi)) diabete2=-9.
IF (ANY(-8,docinfo1,pregdi,nopregdi)) diabete2=-8.
IF (age lt 16)diabete2=-2.
VARIABLE LABEL diabete2 “(D) Doctor diagnosed diabetes (excluding pregnant)”.
VALUE LABELS diabete2    1 “Yes”   2 “No”.

** type1.

RECODE typed (1=1) (-1,2=2) (-8,3,4=-8) (-9=-9) into type1.
IF (age lt 16) Type1=-2.
VARIABLE LABEL type1 “(D) Diabetes Type 1”.
VALUE LABELS type1 1 “Yes”  2 “No” -2 “Schedule not applicable” -8 “Don’t know”  -9” Refused”.
```

```
** type2.

RECODE typed (1=2) (2=1) (-8,3,4=-8) (-9=-9) into type2.
IF (age lt 16) Type2=-2.
VARIABLE LABEL type2 “(D) Diabetes Type 2”.
VALUE LABELS type2 1 “Yes”  2 “No” -2 “Schedule not applicable” -8 “Don’t know”  -9 “Refused”.

** typeDK.

RECODE typed (3,4=1) (1,2=2) (-1=-1) (-8=-8) (-9=-9) into typeDK.
IF (age lt 16) typeDK=-2.
VARIABLE LABEL typeDK “Diabetes but don’t know which type”.
VALUE LABELS typeDK 1 “Yes (Type unknown)”  2 “No (Type known)” -2 “Schedule not
applicable”  -8 “Don’t know”  -9 “Refused”.
```

HEART MURMUR

murmur1: (D) Doctor diagnosed heart murmur (excluding pregnant)
murmur2: (D) Heart murmur in last year (excluding pregnant)

```
** murmur1.

RECODE murdoc (-9 thru -2=COPY) (1=1) (2=2) (-1=2) INTO murmur1.
IF (sex=2 & pregmur1=2) murmur1=2.
IF (ANY(-9,murdoc,pregmur,pregmur1)) murmur1=-9.
IF (ANY(-8,murdoc,pregmur,pregmur1)) murmur1=-8.
IF (age lt 16)murmur1=-2.
VARIABLE LABEL murmur1 "(D) Doctor diagnosed heart murmur (excluding pregnant)".
VALUE LABELS murmur1    1 "Yes"    2 "No".

** murmur2.

COMPUTE murmur2= murrec .
IF( murmur1=2 ) murmur2=2.
IF (age lt 16)murmur2=-2.
VARIABLE LABEL murmur2 "(D) Heart murmur in last year (excluding pregnant)".
VALUE LABELS murmur2    1 "Yes"   2 "No".
```

OTHER CVD

iregdef: (D) Doctor diagnosed irregular heart rhythm

```
RECODE docireg (-1=2)(else=copy) INTO iregdef.
IF (AGE lt 16) iregdef=-2.
VARIABLE LABELS iregdef “(D) Doctor diagnosed irregular heart rhythm”.
VALUE LABELS iregdef 1 Yes 2 No.
```

ohtdef: (D) Doctor diagnosed other heart condition.

```
RECODE docoht (-1=2)(else=copy) INTO ohtdef.
IF (AGE lt 16) ohtdef =-2.
VARIABLE LABELS ohtdef “(D) Doctor diagnosed other heart condition”.
VALUE LABELS ohtdef 1 Yes 2 No.
```

recireg2: (D) Doctor diagnosed other heart condition.

```
RECODE recireg (-1=2)(else=copy) INTO recireg2.
IF (AGE lt 16) recireg2=-2.
VARIABLE LABELS recireg2 "(D) Irregular heart rhythym in last 12 months".
VALUE LABELS recireg2 1 "Yes" 2 "No".
```

recoht2: (D) Doctor diagnosed other heart condition.

```
RECODE recoht (-1=2)(else=copy) INTO recoht2.
IF (AGE lt 16) recoht2=-2.
VARIABLE LABELS recoht2 "(D) Other heart condition in last 12 months".
VALUE LABELS recoht2 1 "Yes" 2 "No".
```

COPD

copddef: (D) Doctor diagnosed COPD

```
RECODE copddoct (-1=2)(else=copy) INTO copddef.
IF AGE lt 16 copddef=-2.
VARIABLE LABELS copddef (D) Doctor diagnosed COPD.
VALUE LABELS copddef  1 Yes 2 No.
```

CPDOth1A: (D) CODP - Regular check up
CPDOth2A: (D) COPD - Taking medication
CPDOth3A: (D) COPD - Advice or treatment to stop smoking
CPDOth4A: (D) CODP - Using oxygen
CPDOth5A: (D) COPD - Immunisation against flu/pneumonococcus
CPDOth6A: (D) COPD - Exercise/physical activity
CPDOth7A: (D) COPD - Advice or treatment to lose weight
CPDOth8A: (D) COPD - Other

```
* COPD treatment - with base of ALL WITH COPD.

DO REPEAT x=COPDOth1 COPDOth2 COPDOth3 COPDOth4 COPDOth5 COPDOth6
COPDOth7 COPDOth8
/ y=CPDOth1A CPDOth2A CPDOth3A CPDOth4A CPDOth5A CPDOth6A CPDOth7A
CPDOth8A.
RECODE x (-1=0)(else=copy) into y.
RECODE copddef (lo thru -1=copy) (2=-1) into y.
IF AGE lt 16 y=-2.
END repeat.

var labels  CPDOth1A  "(D) CODP - Regular check up"
CPDOth2A "(D) COPD - Taking medication"
CPDOth3A  "(D) COPD - Advice or treatment to stop smoking"
CPDOth4A "(D) CODP - Using oxygen"
CPDOth5A "(D) COPD - Immunisation against flu/pneumonococcus"
CPDOth6A "(D) COPD - Exercise/physical activity"
CPDOth7A "(D) COPD - Advice or treatment to lose weight"
CPDOth8A "(D) COPD - Other".
value labels CPDOth1A to CPDOth8A 0 'not mentioned' 1'mentioned' -9 "Refused/not answered"
-8 "Don't know" -2 "Schedule not applicable" -1 "Item not applicable".
```

USE OF SERVICES

talkdoc: (D) Talked to doctor in last 2 weeks
talkdoc2: (D) Talked to doctor in last 2 weeks - ALL 16+
numyear: (D) Number of GP consultations per year - ALL
numyear2: (D) Number of GP consultations per year all 16+

```
** Talked to a doctor

DEFINE mcomcb (!POS !TOKENS(1)/!POS !TOKENS(1) /!POS !TOKENS(1)).
COMPUTE !3=-1.
RECODE !1 (-9 thru -6=COPY) (0 thru hi=COPY) INTO !3.
RECODE !2 (-9 thru -6=COPY) (0 thru hi=COPY) INTO !3.
!ENDDEFINE.

MCOMCB doctalk doctalkn talkdoc.
VARIABLE LABELS talkdoc "(D) Talked to doctor in last 2 weeks".
VALUE LABELS talkdoc 1 "Yes" 2 "No".

** whether talked to a doctor, all 16+

compute talkdoc2=talkdoc.
IF age lt 16 talkdoc2=-2.
VARIABLE LABELS talkdoc2 "(D) Talked to doctor in last 2 weeks - ALL 16+".
VALUE LABELS talkdoc2 1 "Yes" 2 "No".

* estimated number of visits in year.
COMPUTE numyear=-1.
IF talkdoc=2 numyear=0.
DO IF talkdoc=1.
COMPUTE numyear=numdoc*26.
END IF.
if (talkdoc<1) numyear=talkdoc.
VARIABLE LABELS numyear "(D) Number of GP consultations per year - ALL".

* number of visits, all 16+

compute numyear2=numyear.
if age lt 16 numyear2=-2.
VARIABLE LABELS numyear2 "(D) Number of GP consultations per year - ALL 16+".
```

numdoc: (D) Number of times talked to doctor in last 2 weeks
numdocg2: (D) Number of times talked to doctor in last 2 weeks (grouped)
numdocg3: (D) Number of times talked to doctor in last 2 weeks - ALL 16+

```
** numdoc

DEFINE mcomcb (!POS !TOKENS(1)/!POS !TOKENS(1) /!POS !TOKENS(1)).
COMPUTE !3=-1.
RECODE !1 (-9 thru -6=COPY) (0 thru hi=COPY) INTO !3.
RECODE !2 (-9 thru -6=COPY) (0 thru hi=COPY) INTO !3.
!ENDDEFINE.

MCOMCB docnum docnumn numdoc.
VARIABLE LABELS numdoc "(D) Number of times talked to doctor in last 2 weeks".
```

```
** numdocg2.

RECODE numdoc (1=1) (2=2) (3 thru hi=3) (else=copy) INTO numdocg2.
VARIABLE LABEL numdocg2 “(D) Number of times talked to doctor in last 2 weeks (grouped)”.
VALUE LABELS numdocg2 1 "once" 2 "twice" 3 "3 or more times".

** numdocg3

RECODE numdoc (1=1) (2=2) (3 thru hi=3) (else=copy) INTO numdocg3.
IF talkdoc=2 numdocg3=0.
IF age lt 16 numdocg3=-2.
VARIABLE LABEL numdocg3 “(D) Number of times talked to doctor in last 2 weeks - ALL 16+".
VALUE LABELS numdocg3 0 "did not talk to doctor in last  2 weeks"  1 "once"  2 "twice"  3 "3 or
more times”.
```

inpatnt: (D) In-patient in hospital in last 12 months - ALL
outpatnt: (D) Out-patient in hospital in last 12 months - ALL

```
* combine macro

DEFINE mcomcb (!POS !TOKENS(1)/!POS !TOKENS(1) /!POS !TOKENS(1)).
COMPUTE !3=-1.
RECODE !1 (-9 thru -6=COPY) (0 thru hi=COPY) INTO !3.
RECODE !2 (-9 thru -6=COPY) (0 thru hi=COPY) INTO !3.
!ENDDEFINE.

** combine in-patient variables.

MCOMCB inpat inpatn inpatnt.
VARIABLE LABELS inpatnt "(D) In-patient in hospital in last 12 months - ALL".
VALUE LABELS inpatnt 1 "Yes" 2 "No".

* combine outpatient variables

MCOMCB outpat outpatn outpatnt.
VARIABLE LABELS outpatnt "(D) Out-patient in hospital in last 12 months - ALL".
VALUE LABELS outpatnt 1 "Yes" 2 "No".
```

FAMILY HISTORY

Famcvd2: (D) Parents or siblings had heart disease or stroke before 60

```
* FAMCVD.

compute famcvd2 = 2.
if age lt 16 famcvd2 =- 2.
if (parcvd =1 or sibcvd = 1) famcvd2 = 1.
if (parcvd =-8 and sibcvd =-8) famcvd2 =-8.
if (parcvd = -9 and sibcvd = -9) famcvd2 =-9.
if (parcvd =-1 and sibcvd = -1) famcvd2 =-1.
variable labels FamCVD2 "(D) Parents or siblings had heart disease or stroke before 60".
value labels famcvd2 1 "Yes" 2 "No" -9 "Refused" -8 "Don't know" -2 "Schedule not applicable" -1
"Not applicable".
```

ADULT PHYSICAL ACTIVITY

DAY AND TIME VARIABLES

ad10hwk: (D) Adults: Days 10+min heavy housework
ad10hwk2: (D) Adults: Days 10+min heavy housework (grouped)
ad10man: (D) Adults: Days 10+min heavy manual/DIY
ad10man2: (D) Adults: Days 10+min heavy manual/DIY (grouped)
hwkany10: (D) Housework 10+ min - any or none
manany10: (D) Heavy manual 10+ min - any or none
hrshwk10: (D) Average hours doing heavy housework per week (10+ min)
hrhwkg10: (D) Average hours doing heavy housework per week 10+ min (grouped)
hrsman10: (D) Average hours doing heavy manual per week 10+ min
hrmang10: (D) Average hours doing heavy manual per week 10+ min (grouped)
WalkNo10: (D) Number of walks of 10 mins+ in last 4 weeks

```
*** HOUSEWORK

Compute ad10hwk=-5.
IF (housewrk=2 or hwrklist=2 or hevyhwrk=2)ad10hwk=0.
IF (range(heavyday,1,28) AND range(hwtim,10,800)) ad10hwk=heavyday.
IF range (hwtim,0,9) ad10hwk=0.
IF any(-9,HrsHhw,Minhhw)|any(-8,HrsHhw,Minhhw) ad10hwk=-8.
IF any(-9,housewrk, hwrklist, hevyhwrk, heavyday, hwtim) ad10hwk=-9.
IF any(-8,housewrk, hwrklist, hevyhwrk, heavyday, hwtim) ad10hwk=-8.
IF range(age,0,15) ad10hwk=-2.
Recode ad10hwk (1 thru 3 =1) (4 thru 11=2) (12 thru 19=3) (20 thru hi=4) (else=copy)
  INTO ad10hwk2.
variable label ad10hwk '(D) Adults: Days 10+min heavy housework'.
variable label ad10hwk2 '(D) Adults: Days 10+min heavy housework (grouped)'.
value labels ad10hwk -8 "don't know"
                         -9"not answered"
                         -2"schedule not applicable"
                         -1"item not applicable".
value labels ad10hwk2
                          -8 "don't know"
                         -9"not answered"
                           -2 "schedule not applicable"
                         -1"item not applicable"
                          0 'None'
                         1 '1 to 3 days'
                         2 '4 to 11 days'
                         3 '12 to 19 days'
                         4 '20 days or more'.

* number of days heavy manual 10 mins +.

Compute ad10man=-5.
IF (garden=2 or gardlist=2 or manwork=2)ad10man=0.
IF any(-9,HrsDIY,MinDIY)|any(-8,HrsDIY,MinDIY) ad10man=-8.
IF any(-9,garden, gardlist,manwork, DIYTim,mandays) ad10man=-9.
IF any(-8,garden, gardlist,manwork, DIYTim,mandays) ad10man=-8.
IF (range(mandays,1,28) AND range(DIYTim,10,780)) ad10man=mandays.
IF range (DIYTim,0,9) ad10man=0.
IF range(age,0,15) ad10man=-2.
```

```
Recode ad10man (1 thru 3 =1) (4 thru 11=2) (12 thru 19=3) (20 thru hi=4) (else=copy)
  INTO ad10man2.
variable label ad10man '(D) Adults: Days 10+min heavy manual/DIY'.
value labels ad10man -8 "don't know"
                                -9 "not answered"
                          -2 "schedule not applicable"
                                -1"item not applicable".
variable label ad10man2 '(D) Adults: Days 10+min heavy manual/DIY (grouped)'.
value labels ad10man2
 0 'None'
 1 '1 to 3 days'
 2 '4 to 11 days'
 3 '12 to 19 days'
 4 '20 days or more'
 -8 "don't know"
 -9"not answered"
 -2 "schedule not applicable"
 -1"item not applicable".

** Any/No days ************************************.

Recode ad10hwk2 (1 thru hi=1) (else=copy) INTO hwkany10.
variable label hwkany10 '(D) Housework 10+ min  - any or none'.
Recode ad10man2 (1 thru hi=1) (else=copy) INTO manany10.
variable label manany10  '(D) Heavy manual 10+ min - any or none'.
value lables hwkany10 manany10
 0 'None'
 1 'Any'
 -8 "don't know"
 -9"not answered"
 -2 "schedule not applicable"
 -1"item not applicable".
exe.
freq hwkany10 manany10  .


*******************************************************************************************************************
*****************************************.

**** time spent doing activities

* Time spent heavy housework*.
* divided by 240 (60*4 because time is in minutes and days are over 4 weeks).


recode hwtim (0 thru 9=0) (else=copy) into hwtimT.
compute hrshwk10=0.
compute hrshwk10=(hwtimT*heavyday)/240.
IF (housewrk=2 OR hevyhwrk=2) hrshwk10=0.
IF hwtim=0 hrshwk10=0.
IF any(-1,housewrk, hwrklist, hevyhwrk, heavyday, hwtim) hrshwk10=-1.
IF any(-9,housewrk, hwrklist, hevyhwrk, heavyday, hwtim) hrshwk10=-9.
IF any(-8,housewrk, hwrklist, hevyhwrk, heavyday, hwtim) hrshwk10=-8.
IF range (age,0,15) hrshwk10=-2.
variable label hrshwk10  '(D) Average hours doing heavy housework per week (10+ min)'.
value labels hrshwk10   -8 "don't know"
```

```
 -9"not answered"
 -2 "schedule not applicable"
 -1"item not applicable".
recode hrshwk10  (0=0) (0.01 thru 0.99=1) (1 thru 2.99=2) (3 thru 4.99=3) (5 thru 6.99=4)
 (7 thru hi=5) (else=copy) INTO hrhwkg10.
variable label hrhwkg10 '(D) Average hours doing heavy housework per week 10+ min (grouped)'.
value labels hrhwkg10
 0 'No time'
 1 'Less than 1 hour'
 2 '1, less than 3 hours'
 3 '3, less than 5 hours'
 4 '5, less than 7 hours'
 5 '7 hours or more'
 -8 "don't know"
 -9"not answered"
 -2 "schedule not applicable"
 -1"item not applicable".
exe.


* Time spent heavy manual/DIY*.
*2012 data: Added line to handle the 2 -1 cases on these vars.
recode diytim (0 thru 9=0) (else=copy) into diytimT.
compute hrsman10=0.
compute hrsman10=(diytimT*mandays)/240.
IF (garden=2 OR manwork=2) hrsman10=0.
IF diytim=0 hrsman10=0.
IF any(-9, garden, gardlist, manwork, mandays, diytim) hrsman10=-9.
IF any(-8, garden, gardlist, manwork, mandays, diytim) hrsman10=-8.
IF any(-1, garden, gardlist, manwork, mandays, diytim) hrsman10=-1.
IF range (age,0,15) hrsman10=-2.
variable label hrsman10 '(D) Average hours doing heavy manual per week 10+ min'.
value labels hrsman10  -8 "don't know"
 -9"not answered"
 -2 "schedule not applicable"
 -1"item not applicable".

recode hrsman10 (0=0) (0.01 thru 0.99=1) (1 thru 2.99=2) (3 thru 4.99=3) (5 thru 6.99=4)
            (7 thru hi=5) (else=copy) INTO hrmang10.
variable label hrmang10 '(D) Average hours doing heavy manual per week 10+ min (grouped)'.
value labels hrmang10  0 'No time'  1 "Less than 1 hour"  2 "1, less than 3 hours"
 3 "3, less than 5 hours"  4 "5, less than 7 hours"  5 "7 hours or more"  -8 "don't know"
 -9"not answered"  -2 "schedule not applicable"  -1"item not applicable".
exe.

* Time spent walking*.
* If more than one walk, count as 2*.
* count walks at brisk/fast pace only*.

compute days = DayWlk10-day2wk10.
IF DayWlk10=-9 days=-9.
IF DayWlk10=-8 days=-8.
IF DayWlk10=-1 days=-1.
IF Day1Wk10=-9 days=-9.
IF Day1Wk10=-8 days=-8.
IF Day1Wk10=-1 days=-1.
```

```
IF Day2Wk10=-9 days=-9.
IF Day2Wk10=-8 days=-8.
IF Day2Wk10=-1 days=-1.

temp.
select if days=-10 or days=-6.
list days DayWlk10 day2wk10 Day1Wk10.

Compute WalkNo10=0.
IF (Wlk5Int=2) OR (Wlk5Int=3) WalkNo10=0.
IF wlk10m=2 WalkNo10=0.
IF (Day1Wk10=2) WalkNo10=DayWlk10.
IF (Day1Wk10=1 and DayWlk10=1) Walkno10=(Day1Wk10*2).
IF (Day1Wk10=1 and DayWlk10>1) WalkNo10=((day2wk10*2)+(days)).
IF any (-8,wlk5int,wlk10m,daywlk10,day1wk10,day2wk10) walkno10=-8.
IF any (-9,wlk5int,wlk10m,daywlk10,day1wk10,day2wk10) walkno10=-9.
IF range (age,0,15) walkno10=-2.
IF walkpace=1 walkno10=0.
IF walkpace=2 walkno10=0.
IF walkpace=5 walkno10=0.
variable label walkno10 '(D) Number of walks of 10 mins+ in last 4 weeks'.
value labels walkno10  -8 "don't know"
 -9"not answered"  -2 "schedule not applicable"  -1"item not applicable".
```

WALKING – ADJUSTED FOR NEW QUESTION

WALKPA65: (D) Walkpace adjusted - ADJUSTED FOR OVER 65s EXERTION
ad10wlkX: (D) Adults: Days 10+min brisk walk - ORIGINAL SYNTAX
ad10wlk2X: (D) Adults: Days 10+min brisk walk (grouped) ORIGINAL SYNTAX
ad10wlkR: (D) Adults: Days 10+min brisk walk - ADJUSTED FOR OVER 65s
ad10wlk2R: (D) Adults: Days 10+min brisk walk (grouped) - ADJUSTED FOR OVER 65s
adwlk10bX: (D) Number of days walking 30 mins + fast or brisk, including 10-29 min bouts ORIGINAL SYNTAX
adwlk10bR: (D) Number of days walking 30 mins + fast or brisk, including 10-29 min bouts - ADJUSTED FOR OVER 65s
WalkNo10X: (D) Number of walks of 10 mins+ in last 4 weeks
WalkNo10R: (D) Number of walks of 10 mins+ in last 4 weeks - ADJUSTED FOR OVER 65s
hrwalk10X: (D) Average hours walking per week brisk or fast 10+ min ORIGINAL SYNTAX
hrwalk10R: (D) Average hours walking per week brisk or fast 10+ min - ADJUSTED FOR OVER 65s

```
**THIS MOVES THE 65+ PEOPLE WHO WALK SLOWLY/STEADILY BUT WHO EXERT
THEMSELVES WHEN WALKING INTO THE "BRISK" CATEGORY (category 3).

miss vals age walkpace walkeff ().
COMPUTE WALKPA65=-99.
IF range(AGE,16,64) walkpa65=walkpace.
if age <16 walkpa65=walkpace.
if wlk10M=2 walkpa65=walkpace.
if age ge 65 and ((walkpace=1 | walkpace=2 | walkpace=5) and (walkeff=1)) walkpa65=3.
if age ge 65 and ((walkpace=1 | walkpace=2 | walkpace=5) and (walkeff=2)) walkpa65=walkpace.
```

```
if age ge 65 and ((walkpace=1 | walkpace=2 | walkpace=5) and (walkeff=-1)) walkpa65=walkpace.
if age ge 65 and (walkpace=3 | walkpace=4) walkpa65=walkpace.
if walkpace lt 1 walkpa65=walkpace.
exe.
VARIABLE LABELS walkpa65 "(D) Walkpace adjusted - ADJUSTED FOR OVER 65s
EXERTION".
VALUE LABELS walkpa65 1 "a slow pace" 2 "a steady average pace" 3 "a fairly brisk pace" 4 "a
fast pace - at least 4mph" 5 "none of these" -2 "Schedule not applicable" -1 "Item not applicable".

*************************************************************************************************************
**********************.
***ad10wlk.
************************.

* agreed convention to use X at end of varname to show this was the old version.

compute ad10wlkX=-5.
IF any(-9,hrswlk10,minwlk10)|any(-8,hrswlk10,minwlk10) ad10wlkX=-8.
IF any(-9,wlk5int, wlk10m,daywlk10,tottim) ad10wlkX=-9.
IF any(-8,wlk5int, wlk10m,daywlk10,tottim) ad10wlkX=-8.
if walkpace=-8 ad10wlkX=-8.
IF range(age,0,15) ad10wlkX=-2.
IF (wlk5int=2 or wlk5int=3 or wlk10m=2)ad10wlkX=0.
IF (any(walkpace,1,2,5) OR range(tottim,0,9)) ad10wlkX=0.
IF range(walkpace,3,4) & range(tottim,10,765) & range(daywlk10,1,28)
   ad10wlkX=daywlk10.
Recode ad10wlkX (1 thru 3 =1) (4 thru 11=2) (12 thru 19=3) (20 thru hi=4) (else=copy)
 INTO ad10wlk2X.
variable label ad10wlkX '(D) Adults: Days 10+min brisk walk - ORIGINAL SYNTAX'.
value labels ad10wlkX
 -8 "don't know"
 -9"not answered"
 -2 "schedule not applicable"
 -1"item not applicable".
variable label ad10wlk2X '(D) Adults: Days 10+min brisk walk (grouped) ORIGINAL SYNTAX'.
value labels ad10wlk2X
 0 'None'
 1 '1 to 3 days'
 2 '4 to 11 days'
 3 '12 to 19 days'
 4 '20 days or more'
 -8 "don't know"
 -9"not answered"
 -2 "schedule not applicable"
 -1"item not applicable".


temp.
select if ad10wlkX=-5.
list hrswlk10 minwlk10 wlk5int wlk10m daywlk10 tottim iout.

DO IF ad10wlkX=-5.
recode ad10wlkX (-5=-1).
END IF.

********************.
```

```
***ADD IN THE OVER 65s WHOSE SLOW/STEADY WALKING CAUSES EXERTION BY
SWITCHING TO WALKPACE2.
**CHANGE VAR NAME TO ENABLE COMPARISON OF OLD/NEW VAR.

******************.

compute ad10wlkR=-5.
IF any(-9,hrswlk10,minwlk10)|any(-8,hrswlk10,minwlk10) ad10wlkR=-8.
IF any(-9,wlk5int, wlk10m,daywlk10,tottim) ad10wlkR=-9.
IF any(-8,wlk5int, wlk10m,daywlk10,tottim) ad10wlkR=-8.
if walkpa65=-8 ad10wlkR=-8.
IF range(age,0,15) ad10wlkR=-2.
IF (wlk5int=2 or wlk5int=3 or wlk10m=2)ad10wlkR=0.
IF (any(walkpa65,1,2,5) OR range(tottim,0,9)) ad10wlkR=0.
IF range(walkpa65,3,4) & range(tottim,10,765) & range(daywlk10,1,28)
   ad10wlkR=daywlk10.
Recode ad10wlkR (1 thru 3 =1) (4 thru 11=2) (12 thru 19=3) (20 thru hi=4) (else=copy)
 INTO ad10wlk2R.
EXECUTE.
variable label ad10wlkR '(D) Adults: Days 10+min brisk walk - ADJUSTED FOR OVER 65s'.
value labels ad10wlkR
 -8 "don't know"
 -9"not answered"
 -2 "schedule not applicable"
 -1"item not applicable".
variable label ad10wlk2R '(D) Adults: Days 10+min brisk walk (grouped) - ADJUSTED FOR OVER
65s'.
value labels ad10wlk2R
 0 'None'
 1 '1 to 3 days'
 2 '4 to 11 days'
 3 '12 to 19 days'
 4 '20 days or more'
 -8 "don't know"
 -9"not answered"
 -2 "schedule not applicable"
 -1"item not applicable".

temp.
sel if ad10wlkR=-5.
list age wlk5int wlk10m tottim walkpa65.

DO IF ad10wlkR=-5.
recode ad10wlkR (-5=-1).
END IF.

*************************************************************************************************************
**********************.
***adwlk10b.
************************.

compute adwlk10bX=0.
IF (wlk5int=2) OR (wlk5int=3) adwlk10bX=adwlk10bX+0.
IF Wlk10M=2 adwlk10bX=adwlk10bX+0.
IF RANGE(walkpace, 1, 2) adwlk10bX=adwlk10bX+0.
DO IF RANGE(walkpace,3,4).
```

```
IF RANGE(walkpace,3,4) &  (RANGE(tottim,30,800) AND RANGE(DayWlk10,1,28))
adwlk10bX=adwlk10bX+DayWlk10.
IF RANGE(walkpace,3,4) &   (RANGE(tottim, 10, 29) AND Day1Wk10=1 AND
RANGE(Day2Wk10,1,28)) adwlk10bX=adwlk10bX+Day2Wk10.
IF RANGE(walkpace,3,4) &   ((tottim=10) AND Day1Wk10=2)
adwlk10bX=adwlk10bX+(Day1Wk10/3.000).
IF RANGE(walkpace,3,4) &   ((tottim=11) AND Day1Wk10=2)
adwlk10bX=adwlk10bX+(Day1Wk10/2.727).
IF RANGE(walkpace,3,4) &   ((tottim=12) AND Day1Wk10=2)
adwlk10bX=adwlk10bX+(Day1Wk10/2.500).
IF RANGE(walkpace,3,4) &   ((tottim=13) AND Day1Wk10=2)
adwlk10bX=adwlk10bX+(Day1Wk10/2.308).
IF RANGE(walkpace,3,4) &   ((tottim=14) AND Day1Wk10=2)
adwlk10bX=adwlk10bX+(Day1Wk10/2.143).
IF RANGE(walkpace,3,4) &   ((tottim=15) AND Day1Wk10=2)
adwlk10bX=adwlk10bX+(Day1Wk10/2).
IF RANGE(walkpace,3,4) &   ((tottim=16) AND Day1Wk10=2 )
adwlk10bX=adwlk10bX+(Day1Wk10/1.875).
IF RANGE(walkpace,3,4) &   ((tottim=17) AND Day1Wk10=2 )
adwlk10bX=adwlk10bX+(Day1Wk10/1.764).
IF RANGE(walkpace,3,4) &   ((tottim=18) AND Day1Wk10=2 )
adwlk10bX=adwlk10bX+(Day1Wk10/1.666).
IF RANGE(walkpace,3,4) &   ((tottim=19) AND Day1Wk10=2 )
adwlk10bX=adwlk10bX+(Day1Wk10/1.578).
IF RANGE(walkpace,3,4) &   ((tottim=20) AND Day1Wk10=2 )
adwlk10bX=adwlk10bX+(Day1Wk10/1.5).
IF RANGE(walkpace,3,4) &   ((tottim=21) AND Day1Wk10=2 )
adwlk10bX=adwlk10bX+(Day1Wk10/1.428).
IF RANGE(walkpace,3,4) &   ((tottim=22) AND Day1Wk10=2 )
adwlk10bX=adwlk10bX+(Day1Wk10/1.363).
IF RANGE(walkpace,3,4) &   ((tottim=23) AND Day1Wk10=2 )
adwlk10bX=adwlk10bX+(Day1Wk10/1.304).
IF RANGE(walkpace,3,4) &   ((tottim=24) AND Day1Wk10=2 )
adwlk10bX=adwlk10bX+(Day1Wk10/1.25).
IF RANGE(walkpace,3,4) &   ((tottim=25) AND Day1Wk10=2 )
adwlk10bX=adwlk10bX+(Day1Wk10/1.2).
IF RANGE(walkpace,3,4) &   ((tottim=26) AND Day1Wk10=2 )
adwlk10bX=adwlk10bX+(Day1Wk10/1.15).
IF RANGE(walkpace,3,4) &   ((tottim=27) AND Day1Wk10=2 )
adwlk10bX=adwlk10bX+(Day1Wk10/1.111).
IF RANGE(walkpace,3,4) &   ((tottim=28) AND Day1Wk10=2 )
adwlk10bX=adwlk10bX+(Day1Wk10/1.071).
IF RANGE(walkpace,3,4) &   ((tottim=29) AND Day1Wk10=2 )
adwlk10bX=adwlk10bX+(Day1Wk10/1.034).
ELSE IF RANGE(walkpace,1,2).
COMPUTE adwlk10bX=adwlk10bX+0.
END IF.

IF RANGE(tottim,0,9) adwlk10bX=adwlk10bX+0.
IF RANGE(age,0,15) adwlk10bX=-2.
IF any (-8,wlk5int,wlk10m,daywlk10,day1wk10,day2wk10) adwlk10bX=-8.
IF any (-9,wlk5int,wlk10m,daywlk10,day1wk10,day2wk10) adwlk10bX=-9.

variable label adwlk10bX '(D) Number of days walking 30 mins + fast or brisk, including 10-29 min
bouts ORIGINAL SYNTAX'.
value labels adwlk10bX
```

```
-9 "Refused/not answered"
-8 "Don't know"
-2 "Schedule not applicable"
-1 "Item not applicable".

************************.
***ADD IN THE OVER 65s WHOSE SLOW/STEADY WALKING CAUSES EXERTION BY
SWITCHING TO WALKPACEX.
**CHANGED OLD  VAR NAME ABOVE TO ENABLE COMPARISON OF OLD/NEW VAR.
************************.

compute adwlk10bR=0.
IF (wlk5int=2) OR (wlk5int=3) adwlk10bR=adwlk10bR+0.
IF Wlk10M=2 adwlk10bR=adwlk10bR+0.
IF RANGE(walkpa65, 1, 2) adwlk10bR=adwlk10b+0.
DO IF RANGE(walkpa65,3,4).
IF RANGE(walkpa65,3,4) &  (RANGE(tottim,30,800) AND RANGE(DayWlk10,1,28))
adwlk10bR=adwlk10bR+DayWlk10.
IF RANGE(walkpa65,3,4) &   (RANGE(tottim, 10, 29) AND Day1Wk10=1 AND
RANGE(Day2Wk10,1,28)) adwlk10bR=adwlk10bR+Day2Wk10.
IF RANGE(walkpa65,3,4) &   ((tottim=10) AND Day1Wk10=2)
adwlk10bR=adwlk10bR+(Day1Wk10/3.000).
IF RANGE(walkpa65,3,4) &   ((tottim=11) AND Day1Wk10=2)
adwlk10bR=adwlk10bR+(Day1Wk10/2.727).
IF RANGE(walkpa65,3,4) &   ((tottim=12) AND Day1Wk10=2)
adwlk10bR=adwlk10bR+(Day1Wk10/2.500).
IF RANGE(walkpa65,3,4) &   ((tottim=13) AND Day1Wk10=2)
adwlk10bR=adwlk10bR+(Day1Wk10/2.308).
IF RANGE(walkpa65,3,4) &   ((tottim=14) AND Day1Wk10=2)
adwlk10bR=adwlk10bR+(Day1Wk10/2.143).
IF RANGE(walkpa65,3,4) &   ((tottim=15) AND Day1Wk10=2)
adwlk10bR=adwlk10bR+(Day1Wk10/2).
IF RANGE(walkpa65,3,4) &   ((tottim=16) AND Day1Wk10=2 )
adwlk10bR=adwlk10bR+(Day1Wk10/1.875).
IF RANGE(walkpa65,3,4) &   ((tottim=17) AND Day1Wk10=2 )
adwlk10bR=adwlk10bR+(Day1Wk10/1.764).
IF RANGE(walkpa65,3,4) &   ((tottim=18) AND Day1Wk10=2 )
adwlk10bR=adwlk10bR+(Day1Wk10/1.666).
IF RANGE(walkpa65,3,4) &   ((tottim=19) AND Day1Wk10=2 )
adwlk10bR=adwlk10bR+(Day1Wk10/1.578).
IF RANGE(walkpa65,3,4) &   ((tottim=20) AND Day1Wk10=2 )
adwlk10bR=adwlk10bR+(Day1Wk10/1.5).
IF RANGE(walkpa65,3,4) &   ((tottim=21) AND Day1Wk10=2 )
adwlk10bR=adwlk10bR+(Day1Wk10/1.428).
IF RANGE(walkpa65,3,4) &   ((tottim=22) AND Day1Wk10=2 )
adwlk10bR=adwlk10bR+(Day1Wk10/1.363).
IF RANGE(walkpa65,3,4) &   ((tottim=23) AND Day1Wk10=2 )
adwlk10bR=adwlk10bR+(Day1Wk10/1.304).
IF RANGE(walkpa65,3,4) &   ((tottim=24) AND Day1Wk10=2 )
adwlk10bR=adwlk10bR+(Day1Wk10/1.25).
IF RANGE(walkpa65,3,4) &   ((tottim=25) AND Day1Wk10=2 )
adwlk10bR=adwlk10bR+(Day1Wk10/1.2).
IF RANGE(walkpa65,3,4) &   ((tottim=26) AND Day1Wk10=2 )
adwlk10bR=adwlk10bR+(Day1Wk10/1.15).
IF RANGE(walkpa65,3,4) &   ((tottim=27) AND Day1Wk10=2 )
adwlk10bR=adwlk10bR+(Day1Wk10/1.111).
```

```
IF RANGE(walkpa65,3,4) &   ((tottim=28) AND Day1Wk10=2 )
adwlk10bR=adwlk10bR+(Day1Wk10/1.071).
IF RANGE(walkpa65,3,4) &   ((tottim=29) AND Day1Wk10=2 )
adwlk10bR=adwlk10bR+(Day1Wk10/1.034).
ELSE IF RANGE(walkpa65,1,2).
COMPUTE adwlk10bR=adwlk10bR+0.
END IF.

IF RANGE(tottim,0,9) adwlk10bR=adwlk10bR+0.
IF RANGE(age,0,15) adwlk10bR=-2.
IF any (-8,wlk5int,wlk10m,daywlk10,day1wk10,day2wk10) adwlk10bR=-8.
IF any (-9,wlk5int,wlk10m,daywlk10,day1wk10,day2wk10) adwlk10bR=-9.

variable label adwlk10bR '(D) Number of days walking 30 mins + fast or brisk, including 10-29 min
bouts - ADJUSTED FOR OVER 65s'.
value labels adwlk10bR
-9 "Refused/not answered"
-8 "Don't know"
-6 "Schedule not obtained"
-2 "Schedule not applicable"
-1 "Item not applicable".
execute.

*************************************************************************************************************
**********************.
***WalkNo10.
************************.

************************.
****ORIGINAL SYNTAX.
* var now has X added to end.
************************.


do if day2wk10>0.
if day2wk10>DayWlk10 day2wk10=DayWlk10.
end if.
EXECUTE.

*************************************************************************************************************
*****************.

compute days = DayWlk10-day2wk10.
IF DayWlk10=-9 days=-9.
IF DayWlk10=-8 days=-8.
IF DayWlk10=-1 days=-1.
IF DayWlk10=-2 days=-2.
IF Day1Wk10=-9 days=-9.
IF Day1Wk10=-8 days=-8.
IF Day1Wk10=-1 days=-1.
IF Day2Wk10=-9 days=-9.
IF Day2Wk10=-8 days=-8.
IF Day2Wk10=-1 days=-1.

freq days.
```

```
Compute WalkNo10X=0.
IF (Wlk5Int=2) OR (Wlk5Int=3) WalkNo10X=0.
IF wlk10m=2 WalkNo10X=0.
IF (Day1Wk10=2) WalkNo10X=DayWlk10.
IF (Day1Wk10=1 and DayWlk10=1) Walkno10X=(Day1Wk10*2).
IF (Day1Wk10=1 and DayWlk10>1) WalkNo10X=((day2wk10*2)+(days)).
IF any (-8,wlk5int,wlk10m,daywlk10,day1wk10,day2wk10) walkno10X=-8.
IF any (-9,wlk5int,wlk10m,daywlk10,day1wk10,day2wk10) walkno10X=-9.
IF range (age,0,15) walkno10X=-2.
IF walkpace=1 walkno10X=0.
IF walkpace=2 walkno10X=0.
IF walkpace=5 walkno10X=0.
variable label walkno10X '(D) Number of walks of 10 mins+ in last 4 weeks'.
value labels walkno10X  -8 "don't know"
 -9"not answered"
 -2 "schedule not applicable"
 -1"item not applicable".

************************.
***ADD IN THE OVER 65S WHOSE SLOW/STEADY WALKING CAUSES EXERTION BY
SWITCHING TO WALKPACEX.
**CHANGE VAR NAME TO ENABLE COMPARISON OF OLD/NEW VAR.
************************.

Compute WalkNo10R=0.
IF (Wlk5Int=2) OR (Wlk5Int=3) WalkNo10R=0.
IF wlk10m=2 WalkNo10R=0.
IF (Day1Wk10=2) WalkNo10R=DayWlk10.
IF (Day1Wk10=1 and DayWlk10=1) Walkno10R=(Day1Wk10*2).
IF (Day1Wk10=1 and DayWlk10>1) WalkNo10R=((day2wk10*2)+(days)).
IF any (-8,wlk5int,wlk10m,daywlk10,day1wk10,day2wk10) walkno10R=-8.
IF any (-9,wlk5int,wlk10m,daywlk10,day1wk10,day2wk10) walkno10R=-9.
IF range (age,0,15) walkno10R=-2.
IF walkpa65=1 walkno10R=0.
IF walkpa65=2 walkno10R=0.
IF walkpa65=5 walkno10R=0.
EXECUTE.
variable label walkno10R '(D) Number of walks of 10 mins+ in last 4 weeks - ADJUSTED FOR
OVER 65s'.
value labels walkno10R  -8 "don't know"
 -9"not answered"
 -2 "schedule not applicable"
 -1"item not applicable".

************************************************************************************************************************
**********************.
***hrwalk10.
************************.
****ORIGINAL SYNTAX.
** added X to variable name - also uses new version of number of walks (walkno10X).
************************.

Recode tottim (0 thru 9=0) (else=copy) into tottimT .
compute hrwalk10X=0.
compute hrwalk10X=(tottimT*walkno10X)/240.
IF tottim=0 hrwalk10X=-8.
```

```
IF walkno10X=-8 hrwalk10X=-8.
IF walkno10X=-9 hrwalk10X=-8.
IF walkno10X=-1 hrwalk10X=-1.
IF range (age,0,15) hrwalk10X =-2.
variable label hrwalk10X '(D) Average hours walking per week brisk or fast 10+ min ORIGINAL
SYNTAX'.
value labels hrwalk10X  -8 "don't know"
 -9"not answered"
 -2 "schedule not applicable"
 -1"item not applicable".
exe.

***ADD IN THE OVER 65S WHOSE SLOW/STEADY WALKING CAUSES EXERTION.

Recode tottim (0 thru 9=0) (else=copy) into tottimT .
compute hrwalk10R=0.
compute hrwalk10R=(tottimT*walkno10R)/240.
IF tottim=0 hrwalk10R=-8.
IF walkno10R=-8 hrwalk10R=-8.
IF walkno10R=-9 hrwalk10R=-8.
IF walkno10R=-1 hrwalk10R=-1.
IF range (age,0,15) hrwalk10R =-2.
variable label hrwalk10R '(D) Average hours walking per week brisk or fast 10+ min  - ADJUSTED
FOR OVER 65s'.
value labels hrwalk10R -8 "don't know"
 -9"not answered"
 -2 "schedule not applicable"
 -1"item not applicable".
```

MUSCLE STRENGTHENING ACTIVITY

Muscle: (D) Number of days in past month of muscle strengthening activity (summary)

MusWeek: (D) Mean number of days per week of muscle strengthening activity in past 4 weeks (summary)

MusRec: (D) Whether CMO muscle strengthening recommendations met (2 days per week or more)

```
******************.
***STEP ONE.
******************.
***TOTAL COUNT OF DAYS OF MUSCLE STRENGTHENING ACTIVITY IN PAST FOUR
WEEKS.

Compute muscle=0.
IF RANGE(swimocc,1,28) muscle=muscle+swimocc.
IF RANGE(athlocc,1,28) muscle=muscle+ athlocc.
IF RANGE(canoocc,1,28) muscle=muscle+ canoocc.
IF RANGE(climocc,1,28) muscle=muscle+ climocc.
IF RANGE(horsocc,1,28) muscle=muscle+ horsocc.
IF RANGE(rowocc,1,28) muscle=muscle+ rowocc.
IF RANGE(sailocc,1,28) muscle=muscle+ sailocc.
IF RANGE(skiocc,1,28) muscle=muscle+ skiocc.
```

```
IF RANGE(wskiocc,1,28) muscle=muscle+wskiocc.

IF RANGE (cycleocc,1,28) AND cyclemus = 1 MUSCLE = MUSCLE+cycleocc.
IF RANGE (weighocc,1,28) AND weighmus = 1 MUSCLE = MUSCLE +weighocc.
IF RANGE (aeroocc,1,28) AND aeromus=1 MUSCLE = MUSCLE + aeroocc.
IF RANGE (danceocc,1,28) AND dancemus = 1 MUSCLE = MUSCLE+danceocc.
IF RANGE (runocc,1,28) AND runmus=1 MUSCLE =MUSCLE+runocc     .
IF RANGE (ftbllocc,1,28) AND ftbllmus= 1 MUSCLE=MUSCLE+ftbllocc.
IF RANGE (tennocc,1,28) AND tennmus= 1 MUSCLE=MUSCLE+tennocc.
IF RANGE (squasocc,1,28) AND squasmus =1 MUSCLE=MUSCLE+squasocc.
IF RANGE (exocc,1,28) AND exmus= 1 MUSCLE=MUSCLE+exocc.
IF RANGE ( actaocc,1,28) AND actamus= 1 MUSCLE=MUSCLE+actaocc.
IF RANGE (actbocc,1,28) AND actbmus = 1 MUSCLE=MUSCLE+actbocc.
IF RANGE (bowlocc,1,28) AND bowlmus= 1 MUSCLE=MUSCLE+bowlocc.
IF RANGE (golfocc,1,28) AND golfmus= 1 MUSCLE=MUSCLE+golfocc.
IF RANGE (hillocc,1,28) AND hillmus= 1 MUSCLE=MUSCLE+hillocc.
IF RANGE (aquaocc,1,28) AND aquamus = 1 MUSCLE=MUSCLE+aquaocc.
IF RANGE (yogaocc,1,28) AND yogamus = 1 MUSCLE=MUSCLE+yogaocc.
IF RANGE (baskocc,1,28) AND baskmus = 1 MUSCLE=MUSCLE+baskocc.
IF RANGE (cricocc,1,28) AND cricmus = 1 MUSCLE=MUSCLE+cricocc.
IF RANGE (curlocc,1,28) AND curlmus = 1 MUSCLE=MUSCLE+curlocc.
IF RANGE (hockocc,1,28) AND hockmus = 1 MUSCLE=MUSCLE+hockocc.
IF RANGE (skatocc,1,28) AND skatmus = 1 MUSCLE=MUSCLE+skatocc.
IF RANGE (martocc,1,28) AND martmus= 1 MUSCLE=MUSCLE+martocc.
IF RANGE (netbocc,1,28) AND netbmus= 1 MUSCLE=MUSCLE+netbocc.
IF RANGE (shinocc,1,28) AND shinmus = 1 MUSCLE=MUSCLE+shinocc.
IF RANGE (surfocc,1,28) AND surfmus = 1 MUSCLE=MUSCLE+surfocc.
IF RANGE (tenpocc,1,28) AND tenpmus= 1 MUSCLE=MUSCLE+tenpocc.
IF RANGE (vollocc,1,28) AND vollmus = 1 MUSCLE=MUSCLE+vollocc.

If Actphy=2 and WhtAcB0=1 muscle=0.
IF RANGE(age,0,15) muscle=-2.
EXECUTE.

VARIABLE LABEL muscle "(D) Number of days in past month of muscle strengthening activity
(summary)".
value labels muscle  -2 "Schedule not applicable".

******************.
***STEP TWO.
******************.

***AVERAGE DAYS OF MUSCLE STRENGTHENING ACTIVITY PER WEEK IN PAST FOUR
WEEKS.

COMPUTE MusWeek=-99.
if Muscle ge 0 Musweek=muscle/4.
if muscle lt 0 Musweek=muscle.
exe.
variable label MusWeek "(D) Mean number of days per week of muscle strengthening activity in
past 4 weeks (summary)".
value labels MusWeek -2 "Schedule not applicable".

******************.
***STEP THREE .
******************.
```

```
**WHETHER MUSCLE ACTIVITY DAYS MET THE CMO RECOMMENDATION.

recode MusWeek (2 thru hi=1)  (0 thru 2=0) (else=copy) into MusRec.
exe.
Variable label MusRec "(D) Whether CMO muscle strengthening recommendations met (2 days
per week or more)".
Val labs MusRec 1 "Yes" 0 "No" -2 "Schedule not applicable".
```

BALANCE IMPROVING EXERCISE

Balance: (D) Number of days in past month of balance improving activity: AGE 65+ (summary)

BalWeek: (D) Mean number of days per week of balance improving activity in past 4 weeks: age 65+ (summary)

BalWeekG: (D) Mean number of days per week of balance improving activity in past 4 weeks: age 65+ (grouped 0, 1, 2+)

```
***TOTAL COUNT OF DAYS OF BALANCE IMPROVING ACTIVITY IN PAST FOUR WEEKS.

Compute balance=0.
IF RANGE(cycleocc,1,28)BALANCE=BALANCE+cycleocc.
IF RANGE(weighocc,1,28)BALANCE=BALANCE+weighocc        .
IF RANGE(aeroocc,1,28)BALANCE=BALANCE+aeroocc          .
IF RANGE(danceocc,1,28)BALANCE=BALANCE+danceocc.
IF RANGE(runocc,1,28)BALANCE=BALANCE+runocc.
IF RANGE(ftbllocc,1,28)BALANCE=BALANCE+ftbllocc.
IF RANGE(tennocc,1,28)BALANCE=BALANCE+tennocc.
IF RANGE(squasocc,1,28)BALANCE=BALANCE+squasocc.
IF RANGE(bowlocc,1,28)BALANCE=BALANCE+bowlocc.
IF RANGE(golfocc,1,28)BALANCE=BALANCE+golfocc.
IF RANGE(hillocc,1,28)BALANCE=BALANCE+hillocc.
IF RANGE(aquaocc,1,28)BALANCE=BALANCE+aquaocc.
IF RANGE(yogaocc,1,28)BALANCE=BALANCE+yogaocc.
IF RANGE(athlocc,1,28)BALANCE=BALANCE+athlocc.
IF RANGE(baskocc,1,28)BALANCE=BALANCE+baskocc.
IF RANGE(canoocc,1,28)BALANCE=BALANCE+canoocc.
IF RANGE(climocc,1,28)BALANCE=BALANCE+climocc.
IF RANGE(cricocc,1,28)BALANCE=BALANCE+cricocc.
IF RANGE(curlocc,1,28)BALANCE=BALANCE+curlocc.
IF RANGE(hockocc,1,28)BALANCE=BALANCE+hockocc.
IF RANGE(horsocc,1,28)BALANCE=BALANCE+horsocc.
IF RANGE(skatocc,1,28)BALANCE=BALANCE+skatocc.
IF RANGE(martocc,1,28)BALANCE=BALANCE+martocc.
IF RANGE(netbocc,1,28)BALANCE=BALANCE+netbocc.
IF RANGE(jetsocc,1,28)BALANCE=BALANCE+jetsocc.
IF RANGE(sailocc,1,28)BALANCE=BALANCE+sailocc.
IF RANGE(shinocc,1,28)BALANCE=BALANCE+shinocc.
IF RANGE(skiocc,1,28)BALANCE=BALANCE+skiocc.
IF RANGE(surfocc,1,28)BALANCE=BALANCE+surfocc.
IF RANGE(tabtocc,1,28)BALANCE=BALANCE+tabtocc.
IF RANGE(tenpocc,1,28)BALANCE=BALANCE+tenpocc.
IF RANGE(vollocc,1,28)BALANCE=BALANCE+vollocc.
IF RANGE(wskiocc,1,28)BALANCE=BALANCE+wskiocc.
```

```
IF RANGE(exocc,1,28)ANDexmov=1BALANCE=BALANCE+exocc.

If Actphy=2 and WhtAcB0=1 BALANCE=0.
IF RANGE(age,0,64) BALANCE=-2.
EXECUTE.

VARIABLE LABEL BALANCE "(D) Number of days in past month of balance improving activity:
AGE 65+ (summary)".
value labels balance
-2 "Schedule not applicable (age under 65)".

**********.
***STEP TWO.
**********.

***AVERAGE DAYS OF BALANCE IMPROVING ACTIVITY PER WEEK IN PAST FOUR
WEEKS.
miss vals balance ().
COMPUTE BalWeek=-99.
if balance ge 0 balweek=balance/4.
if balance lt 0 balweek=balance.
exe.
variable label BalWeek "(D) Mean number of days per week of balance improving activity in past
4 weeks: age 65+ (summary)".
value labels BalWeek
-2 "Schedule not applicable (age under 65)".

**********.
***STEP THREE.
**********.

**GROUPED DAYS OF BALANCE ACTIVITY.

recode BalWeek (0=0) (2 thru hi=2) (1 thru 2=1) (0 thru 1=1) (else=copy) into BalWeekG.
exe.
Variable label BalWeekG "(D) Mean number of days per week of balance improving activity in
past 4 weeks: age 65+ (grouped 0, 1, 2+)".
Val labs BalWeekG 0 "0 days" 1 "1 or less" 2 "2 or more" -2 "Schedule not applicable (age under
65)".
```

SEDENTARY TIME

WrkActM: (D) Total daily sedentary time at work in minutes (WrkAct3H + WrkAct3M)
WrkActH: (D) Total daily sedentary time at work in hours (WrkAct3H + WrkAct3M)
WrkActG: (D) Total daily sedentary time at work in hours - quartiles

```
compute tempmin=-99.
if wrkact3h >=0 tempmin=wrkact3h*60.
if wrkact3h <0 tempmin=wrkact3h.
fre tempmin.

compute WrkActM=tempmin+wrkact3m.
```

```
if wrkact3m <0 WrkActM= wrkact3m.
if age lt 16 WrkActM=-2.
exe.
Var label WrkActM “(D) Total daily sedentary time at work in minutes (WrkAct3H + WrkAct3M)”.
fre WrkActM.

compute WrkActH =-99.
if WrkAct3M >=0 WrkActH = WrkActM/60.
if WrkAct3M <0 WrkActH = WrkAct3M.
if age lt 16 WrkActH=-2.
exe.
Var label WrkActH “(D) Total daily sedentary time at work in hours (WrkAct3H + WrkAct3M)”.
fre WrkActH.

* Visual Binning.
*WrkActG - Note that WrkActH needs to have -1, -2, -8 cases set to missing for the next syntax to run correctly.

*WrkActH.
RECODE  WrkActH (LO THRU  - 1=COPY) (LO THRU 1.5=1) (LO THRU 4.5=2) (LO THRU 7=3) (LO THRU HI=4)      INTO WrkActG.
exe. VARIABLE LABELS  WrkActG '(D) Total daily sedentary time at work in hours (quartiles) (Binned)'.
VALUE LABELS  WrkActG 1 '' 2 '' 3 '' 4 '' -9 'Refused' -8 "Don't know" -2 'Schedule not applicable'
    -1 'Item not applicable'.
```

MODERATE AND VIGOROUS ACTIVITIES

acta: (D) Other sports intensity (sport 1)
actb: (D) Other sports intensity (sport 2)
minMspt10: (D) Average mins doing moderate intensity sport per week (10+ min)
minVspt10: (D) Average mins doing vigorous intensity sport per week (10+ min)
MVPA10wk: (D) Average minutes doing MVPA sport per week (vig mins * 2)
actwktime: (D) Estimated time spent being very physically active at work (hrs/wk)

```
*This creates a physical activity intensity summary variable based on other activities.
* unknown activity level coded as 1 (light), three levels of intensity.
*Each year need to check which of the other act vars have codes in - e.g. in 2013 just WhtAct11 and WhtAct12 (other 4 were empty).

Recode WhtAct11 (23, 30, 67, 81, 90, 98=1) (11, 12, 15, 16, 18, 20, 28, 31, 32, 33, 35, 41, 43, 47, 53, 63, 71, 72, 74, 75, 77, 82, 86, 88, 91=2)
 (17, 38, 49, 50, 51, 55, 56, 59, 70, 92=3) (lo thru -1=copy) (else=-99) into acta.
exe.
if WhtAct11=14 and actaeff=1 acta=3.
if WhtAct11=14 and actaeff=2 acta=2.
if WhtAct11=22 and actaeff=1 acta=3.
if WhtAct11=22 and actaeff=2 acta=2.
if WhtAct11=25 and actaeff=1 acta=3.
if WhtAct11=25 and actaeff=2 acta=2.
if WhtAct11=36 and actaeff=1 acta=3.
if WhtAct11=36 and actaeff=2 acta=2.
if WhtAct11=42 and actaeff=1 acta=3.
if WhtAct11=42 and actaeff=2 acta=2.
```

```
if WhtAct11=80 and actaeff=1 acta=3.
if WhtAct11=80 and actaeff=2 acta=2.
if WhtAct11=84 and actaeff=1 acta=2.
if WhtAct11=84 and actaeff=2 acta=1.
exe.
variable label acta '(D) Other sports intensity (sport 1)'.
value labels acta
-9 "Refused/not answered"
-8 "Don't know"
-6 "Schedule not obtained"
-2 "Schedule not applicable"
-1 "Item not applicable"
 1 'light type'
 2 'moderate type'
 3 'vigorous type'.

* actb.
Recode WhtAct12 (23, 30, 57, 67, 81, 90, 98=1) (11, 12, 15, 16, 18, 20, 28, 31, 32, 33, 35, 41,
43, 47, 53, 62, 63, 71, 72, 74, 75, 77, 82, 86, 88, 91=2)
    (17, 38, 49, 50, 51, 55, 56, 59, 70, 92=3) (lo thru -1=copy) (else=-99) into actb.
exe.
if WhtAct12=14 and actbeff=1 actb=3.
if WhtAct12=14 and actbeff=2 actb=2.
if WhtAct12=22 and actbeff=1 actb=3.
if WhtAct12=22 and actbeff=2 actb=2.
if WhtAct12=25 and actbeff=1 actb=3.
if WhtAct12=25 and actbeff=2 actb=2.
if WhtAct12=36 and actbeff=1 actb=3.
if WhtAct12=36 and actbeff=2 actb=2.
if WhtAct12=42 and actbeff=1 actb=3.
if WhtAct12=42 and actbeff=2 actb=2.
if WhtAct12=80 and actbeff=1 actb=3.
if WhtAct12=80 and actbeff=2 actb=2.
if WhtAct12=84 and actbeff=1 actb=2.
if WhtAct12=84 and actbeff=2 actb=1.
exe.
variable label actb '(D) Other sports intensity (sport 2)'.
value labels actb
1 'light type'
 2 'moderate type'
 3 'vigorous type'.

**Moderate sports.
compute minMspt10=0.
*Moderate activities if effort level=2.
IF (WhtAct01=1 AND range(swimocc,1,28)) AND swimeff=2 AND swimtim GE 10
minMspt10=minMspt10 + ((swimocc*swimtim)/4).
IF (WhtAct02=1 AND range(cycleocc,1,28)) AND cycleeff=2 AND cycletim GE 10
minMspt10=minMspt10 + ((cycleocc*cycletim)/4).
IF (WhtAct03=1 AND range(weighocc,1,28)) AND weigheff=2 AND weightim GE 10
minMspt10=minMspt10 + ((weighocc*weightim)/4).
IF (WhtAct04=1 AND range(aeroocc,1,28)) AND aeroeff=2 AND aerotim GE 10
minMspt10=minMspt10 + ((aeroocc*aerotim)/4).
IF (WhtAct05=1 AND range(danceocc,1,28)) AND danceeff=2 AND dancetim GE 10
minMspt10=minMspt10 + ((danceocc*dancetim)/4).
IF (WhtAct06=1 AND range(runocc,1,28)) AND runeff=2 AND runtim GE 10
```

```
minMspt10=minMspt10 + ((runocc*runtim)/4).
IF (WhtAct08=1 AND range(tennocc,1,28)) AND  tenneff=2 AND tenntim GE 10
minMspt10=minMspt10 + ((tennocc*tenntim)/4).
IF (WhtAct10=1 AND range(exocc,1,28)) AND  exeff=2 AND extim GE 10 minMspt10=minMspt10
+ ((exocc*extim)/4).
if (WhtAcB4=1 AND range(hillocc,1,28)) AND hilleff=2 AND hilltim GE 10 minMspt10=minMspt10
+ ((hillocc*hilltim)/4).
if (WhtAcB6=1 AND range(aquaocc,1,28)) AND aquaeff=2 AND aquatim GE 10
minMspt10=minMspt10 + ((aquaocc*aquatim)/4).
if (WhtAcB8=1 AND range(athlocc,1,28)) AND athleff=2 AND athltim GE 10
minMspt10=minMspt10 + ((athlocc*athltim)/4).
if (WhtAcB9=1 AND range(baskocc,1,28)) AND baskeff=2 AND basktim GE 10
minMspt10=minMspt10 + ((baskocc*basktim)/4).
if (WhtAcB10=1 AND range(canoocc,1,28)) AND canoeff=2 AND canotim GE 10
minMspt10=minMspt10 + ((canoocc*canotim)/4).
if (WhtAcB11=1 AND range(climocc,1,28)) AND climeff=2 AND climtim GE 10
minMspt10=minMspt10 + ((climocc*climtim)/4).
if (WhtAcB15=1 AND range(horsocc,1,28)) AND horseff=2 AND horstim GE 10
minMspt10=minMspt10 + ((horsocc*horstim)/4).
if (WhtAcB16=1 AND range(skatocc,1,28)) AND skateff=2 AND skattim GE 10
minMspt10=minMspt10 + ((skatocc*skattim)/4).
if (WhtAcB17=1 AND range(martocc,1,28)) AND marteff=2 AND marttim GE 10
minMspt10=minMspt10 + ((martocc*marttim)/4).
if (WhtAcB18=1 AND range(netbocc,1,28)) AND netbeff=2 AND netbtim GE 10
minMspt10=minMspt10 + ((netbocc*netbtim)/4).
if (WhtAcB19=1 AND range(jetsocc,1,28)) AND jetseff=2 AND jetstim GE 10
minMspt10=minMspt10 + ((jetsocc*jetstim)/4).
if (WhtAcB20=1 AND range(rowocc,1,28)) AND roweff=2 AND rowtim GE 10
minMspt10=minMspt10 + ((rowocc*rowtim)/4).
if (WhtAcB21=1 AND range(sailocc,1,28)) AND saileff=2 AND sailtim GE 10
minMspt10=minMspt10 + ((sailocc*sailtim)/4).
if (WhtAcB23=1 AND range(sktbocc,1,28)) AND sktbeff=2 AND sktbtim GE 10
minMspt10=minMspt10 + ((sktbocc*sktbtim)/4).
if (WhtAcB24=1 AND range(skiocc,1,28)) AND skieff=2 AND skitim GE 10
minMspt10=minMspt10 + ((skiocc*skitim)/4).
if (WhtAcB29=1 AND range(vollocc,1,28)) AND volleff=2 AND volltim GE 10
minMspt10=minMspt10 + ((vollocc*volltim)/4).
*Moderate activities if effort=1.
if (WhtAcB2=1 AND range(fishocc,1,28)) AND fisheff=1 AND fishtim GE 10
minMspt10=minMspt10 + ((fishocc*fishtim)/4).
if (WhtAcB7=1 AND range(yogaocc,1,28)) AND yogaeff=1 AND yogatim GE 10
minMspt10=minMspt10 + ((yogaocc*yogatim)/4).
*Always moderate activities.
if (WhtAcB1=1 AND range(bowlocc,1,28)) AND bowltim GE 10 minMspt10=minMspt10 +
((bowlocc*bowltim)/4).
if (WhtAcB3=1 AND range(golfocc,1,28)) AND golftim GE 10 minMspt10=minMspt10 +
((golfocc*golftim)/4).
if (WhtAcB12=1 AND range(cricocc,1,28)) AND crictim GE 10 minMspt10=minMspt10 +
((cricocc*crictim)/4).
if (WhtAcB13=1 AND range(curlocc,1,28)) AND curltim GE 10 minMspt10=minMspt10 +
((curlocc*curltim)/4).
if (WhtAcB26=1 AND range(surfocc,1,28)) AND surftim GE 10 minMspt10=minMspt10 +
((surfocc*surftim)/4).
if (WhtAcB27=1 AND range(tabtocc,1,28)) AND tabttim GE 10 minMspt10=minMspt10 +
((tabtocc*tabttim)/4).
if (WhtAcB30=1 AND range(wskiocc,1,28)) AND wskitim GE 10 minMspt10=minMspt10 +
```

```
((wskiocc*wskitim)/4).
*Other activities mentioned.
IF range(actaocc,1,28) AND acta=2 AND actatim GE 10 minMspt10 =minMspt10 +
((actaocc*actatim)/4).
IF range(actbocc,1,28) AND actb=2 AND actbtim GE 10 minMspt10 =minMspt10 +
((actbocc*actbtim)/4).
*IF range(actcocc,1,28) AND actc=2 minMspt10 =minMspt10 + ((actcocc*actctim)/4).
*IF range(actdocc,1,28) AND actd=2 minMspt10 =minMspt10 + ((actdocc*actdtim)/4).
IF range (age,0,15) minMspt10=-2.
*IF any(-9, swimocc, cycleocc, weighocc, aeroocc, danceocc, runocc, tennocc, exocc, hillocc,
aquaocc, athlocc, baskocc, canoocc, climocc,
 horsocc, skatocc, martocc, netbocc, jetsocc, rowocc, sailocc, sktbocc, skiocc, vollocc, bowlocc,
golfocc, cricocc, surfocc, curlocc, tabtocc,
 wskiocc, actaocc, actbocc) minMspt10=-9.
*IF any(-8, swimocc, cycleocc, weighocc, aeroocc, danceocc, runocc, tennocc, exocc, hillocc,
aquaocc, athlocc, baskocc, canoocc, climocc,
 horsocc, skatocc, martocc, netbocc, jetsocc, rowocc, sailocc, sktbocc, skiocc, vollocc, bowlocc,
golfocc, cricocc, surfocc, curlocc, tabtocc,
 wskiocc, actaocc, actbocc) minMspt10=-8.
EXECUTE.

variable label minMspt10 '(D) Average mins doing moderate intensity sport per week (10+ min)'.
value labels minMspt10 -8 "Don't know"
 -9"Not answered"
 -2 "Schedule not applicable"
 -1"Item not applicable".


*Check to see that cases where effort=1 are ending up as 0 in this var.

temp.
sel if minMspt10=0 and WhtAct02=1.
list minMspt10 WhtAct02 cycletim cyclehrs cyclemin cycleeff cycleocc.

*Check to see that cases where effort=2 are ending up as 0 in this var.

fre fisheff.

temp.
sel if minMspt10=0 and WhtAcB2=1.
list minMspt10 WhtAcB2 fishtim fisheff fishocc.


**Vigorous sports.

****NB 2012: EDITED TIMING VARIABLES (VAR NAME ENDS IN E) USED FOR: SWIM,
CYCLE, RUN, EXERCISES, OTHER ACT A, HILL, AQUA, GOLF, MARTIAL, JETSKI.
***-8 and -9 command commented out but need to decide if it is ever going to apply (no cases
coded -8/-9 on these vars in 2012).
* for 2013 see above.

** NB decision not to edit any this year.

compute minVspt10=0.
*Vigorous activities if effort level=1.
IF (WhtAct01=1 AND range(swimocc,1,28)) AND swimeff=1 AND swimtim GE 10
```

```
minVspt10=minVspt10 + ((swimocc*swimtim)/4).
IF (WhtAct02=1 AND range(cycleocc,1,28)) AND cycleeff=1 AND cycletim GE 10
minVspt10=minVspt10 + ((cycleocc*cycletim)/4).
IF (WhtAct03=1 AND range(weighocc,1,28)) AND weigheff=1 AND weightim GE 10
minVspt10=minVspt10 + ((weighocc*weightim)/4).
IF (WhtAct04=1 AND range(aeroocc,1,28)) AND aeroeff=1 AND aerotim GE 10
minVspt10=minVspt10 + ((aeroocc*aerotim)/4).
IF (WhtAct05=1 AND range(danceocc,1,28)) AND danceeff=1 AND dancetim GE 10
minVspt10=minVspt10 + ((danceocc*dancetim)/4).
IF (WhtAct06=1 AND range(runocc,1,28)) AND runeff=1 AND runtim GE 10
minVspt10=minVspt10 + ((runocc*runtim)/4).
IF (WhtAct08=1 AND range(tennocc,1,28)) AND  tenneff=1 AND tenntim GE 10
minVspt10=minVspt10 + ((tennocc*tenntim)/4).
IF (WhtAct10=1 AND range(exocc,1,28)) AND  exeff=1 AND extim GE 10 minVspt10=minVspt10
+ ((exocc*extim)/4).
if (WhtAcB4=1 AND range(hillocc,1,28)) AND hilleff=1 AND hilltim GE 10 minVspt10=minVspt10
+ ((hillocc*hilltim)/4).
if (WhtAcB6=1 AND range(aquaocc,1,28)) AND aquaeff=1 AND aquatim GE 10
minVspt10=minVspt10 + ((aquaocc*aquatim)/4).
if (WhtAcB8=1 AND range(athlocc,1,28)) AND athleff=1 AND athltim GE 10
minVspt10=minVspt10 + ((athlocc*athltim)/4).
if (WhtAcB9=1 AND range(baskocc,1,28)) AND baskeff=1 AND basktim GE 10
minVspt10=minVspt10 + ((baskocc*basktim)/4).
if (WhtAcB10=1 AND range(canoocc,1,28)) AND canoeff=1 AND canotim GE 10
minVspt10=minVspt10 + ((canoocc*canotim)/4).
if (WhtAcB11=1 AND range(climocc,1,28)) AND climeff=1 AND climtim GE 10
minVspt10=minVspt10 + ((climocc*climtim)/4).
if (WhtAcB15=1 AND range(horsocc,1,28)) AND horseff=1 AND horstim GE 10
minVspt10=minVspt10 + ((horsocc*horstim)/4).
if (WhtAcB16=1 AND range(skatocc,1,28)) AND skateff=1 AND skattim GE 10
minVspt10=minVspt10 + ((skatocc*skattim)/4).
if (WhtAcB17=1 AND range(martocc,1,28)) AND marteff=1 AND marttim GE 10
minVspt10=minVspt10 + ((martocc*marttim)/4).
if (WhtAcB18=1 AND range(netbocc,1,28)) AND netbeff=1 AND netbtim GE 10
minVspt10=minVspt10 + ((netbocc*netbtim)/4).
if (WhtAcB19=1 AND range(jetsocc,1,28)) AND jetseff=1 AND jetstim GE 10
minVspt10=minVspt10 + ((jetsocc*jetstim)/4).
if (WhtAcB20=1 AND range(rowocc,1,28)) AND roweff=1 AND rowtim GE 10
minVspt10=minVspt10 + ((rowocc*rowtim)/4).
if (WhtAcB21=1 AND range(sailocc,1,28)) AND saileff=1 AND sailtim GE 10
minVspt10=minVspt10 + ((sailocc*sailtim)/4).
if (WhtAcB23=1 AND range(sktbocc,1,28)) AND sktbeff=1 AND sktbtim GE 10
minVspt10=minVspt10 + ((sktbocc*sktbtim)/4).
if (WhtAcB24=1 AND range(skiocc,1,28)) AND skieff=1 AND skitim GE 10 minVspt10=minVspt10
+ ((skiocc*skitim)/4).
if (WhtAcB29=1 AND range(vollocc,1,28)) AND volleff=1 AND volltim GE 10
minVspt10=minVspt10 + ((vollocc*volltim)/4).
IF range(actaocc,1,28) AND acta=3 AND actatim GE 10 minVspt10 =minVspt10 +
((actaocc*actatim)/4).
IF range(actbocc,1,28) AND actb=3 AND actbtim GE 10 minVspt10 =minVspt10 +
((actbocc*actbtim)/4).
*IF range(actcocc,1,28) AND actc=3 minVspt10 =minVspt10 + ((actcocc*actctim)/4).
*IF range(actdocc,1,28) AND actd=3 minVspt10 =minVspt10 + ((actdocc*actdtim)/4).
*Always vigorous activities.
IF (WhtAct07=1 AND range(ftbllocc,1,28)) AND ftblltim GE 10 minVspt10=minVspt10 +
((ftbllocc*ftblltim)/4).
```

```
IF (WhtAct09=1 AND range(squasocc,1,28)) AND squastim GE 10 minVspt10=minVspt10 +
((squasocc*squastim)/4).
IF (WhtAcB14=1 AND range(hockocc,1,28)) AND hocktim GE 10 minVspt10=minVspt10 +
((hockocc*hocktim)/4).
IF (WhtAcB22=1 AND range(shinocc,1,28)) AND shintim GE 10 minVspt10=minVspt10 +
((shinocc*shintim)/4).
IF (WhtAcB25=1 AND range(scubocc,1,28)) AND scubtim GE 10 minVspt10=minVspt10 +
((scubocc* scubtim)/4).
IF range (age,0,15) minVspt10=-2.
*IF any(-9, swimocc, cycleocc, weighocc, aeroocc, danceocc, runocc, tennocc, exocc, hillocc,
aquaocc, athlocc, baskocc,
 canoocc, climocc, horsocc, skatocc, martocc, netbocc, jetsocc, rowocc, sailocc, sktbocc, skiocc,
vollocc, actaocc, actbocc,
 ftbllocc, squasocc, hockocc, shinocc, scubocc) minVspt10=-9.
*IF any(-8, swimocc, cycleocc, weighocc, aeroocc, danceocc, runocc, tennocc, exocc, hillocc,
aquaocc, athlocc, baskocc,
 canoocc, climocc, horsocc, skatocc, martocc, netbocc, jetsocc, rowocc, sailocc, sktbocc, skiocc,
vollocc, actaocc, actbocc,
 ftbllocc, squasocc, hockocc, shinocc, scubocc) minVspt10=-8.
EXECUTE.

variable label minVspt10 '(D) Average mins doing vigorous intensity sport per week (10+ min)'.
value labels minVspt10 -8 "Don't know"
 -9"Not answered"
 -2 "Schedule not applicable"
 -1"Item not applicable".

*Check to see that cases where effort=2 are ending up as 0 in this var.

temp.
sel if minVspt10=0 and WhtAct02=1.
list minVspt10 WhtAct02 cycletim cycleeff cycleocc.

**************************************************.
*****SUMMARY MEASURE OF MVPA SPORT MINS PER WEEK TO MEASURE ADHERENCE
TO RECOMMENDATIONS.
*****75 MINS OF VIGOROUS ACTIVITY OR 150 MINS OF MODERATE = MEETS
GUIDELINES, SO MULTIPLY VIG TIME BY 2 TO WEIGHT IT FOR THIS VAR.
*****INDIVIDUAL SESSIONS LT 10 MINS ARE EXCLUDED, BUT TOTAL TIME PER WEEK
CAN SUM TO LT 10 MINS IF THE ACTIVITY WAS ONLY DONE 1-3 TIMES.

miss vals minMspt10 minVspt10 ().
compute MVPA10wk=-99.
if minMspt10 ge 0 and minVspt10 ge 0 MVPA10wk=minMspt10+(minVspt10*2).
if (minMspt10 lt 0 | minVspt10 lt 0) MVPA10wk=minMspt10.
exe.

variable label MVPA10wk '(D) Average minutes doing MVPA sport per week (vig mins * 2)'.
add value labels mvpa10wk -1 "Item not applicable" -2 "Schedule not applicable" -8 "Don't know"
-9 "Not answered".

***VIGOROUS ACTIVITY AT WORK DV.

compute actwktime=-99.
if (active=1  and  FtPtime=1) actwktime=40-(WrkActH*5).
if (active=1 and  FtPtime=2) actwktime=20-(WrkActH*2.5).
```

```
if WrkActH gt 8 actwktime=0.
if active ne 1 actwktime=-1.
if FtPtime lt 1 actwktime=-1.
if WrkActH =-8 actwktime=-8.
if WrkActH =-1 actwktime=-1.
if age lt 16 actwktime=-2.
exe.
var lab actwktime "(D) Estimated time spent being very physically active at work (hrs/wk)".
VALUE LABELS actwktime  -2 "schedule not applicable"  -1 "item not applicable" -8 "Don't know".
fre actwktime.
```

MODERATE & VIGOROUS ACTIVITIES - TIME SERIES

minMspt10x: (D) Average mins doing moderate intensity sport per week (10+ min)
minVspt10x: (D) Average mins doing vigorous intensity sport per week (10+ min)
MVPA10wkx: (D) Average minutes doing MVPA sport per week (vig mins * 2)

```
** None edited in 2018 but still running

compute minMspt10x=0.
*Moderate activities if effort level=2.
IF (WhtAct01=1 AND range(swimocc,1,28)) AND swimeff=2 AND swimtim GE 10
minMspt10x=minMspt10x + ((swimocc*swimtim)/4).
IF (WhtAct02=1 AND range(cycleocc,1,28)) AND cycleeff=2 AND cycletim GE 10
minMspt10x=minMspt10x + ((cycleocc*cycletim)/4).
IF (WhtAct03=1 AND range(weighocc,1,28)) AND weigheff=2 AND weightim GE 10
minMspt10x=minMspt10x + ((weighocc*weightim)/4).
IF (WhtAct04=1 AND range(aeroocc,1,28)) AND aeroeff=2 AND aerotim GE 10
minMspt10x=minMspt10x + ((aeroocc*aerotim)/4).
IF (WhtAct05=1 AND range(danceocc,1,28)) AND danceeff=2 AND dancetim GE 10
minMspt10x=minMspt10x + ((danceocc*dancetim)/4).
IF (WhtAct06=1 AND range(runocc,1,28)) AND runeff=2 AND runtim GE 10
minMspt10x=minMspt10x + ((runocc*runtim)/4).
IF (WhtAct08=1 AND range(tennocc,1,28)) AND  tenneff=2 AND tenntim GE 10
minMspt10x=minMspt10x + ((tennocc*tenntim)/4).
IF (WhtAct10=1 AND range(exocc,1,28)) AND  exeff=2 AND extim GE 10
minMspt10x=minMspt10x  + ((exocc*extim)/4).

*Other activities mentioned - not used in 08-11 vars as not comparable to 2012.
*IF range(actaocc,1,28) AND acta=2 AND actatime GE 10 minMspt10 =minMspt10 +
((actaocc*actatime)/4).
*IF range(actbocc,1,28) AND actb=2 AND actbtim GE 10 minMspt10 =minMspt10 +
((actbocc*actbtim)/4).
*IF range(actcocc,1,28) AND actc=2 minMspt10 =minMspt10 + ((actcocc*actctim)/4).
*IF range(actdocc,1,28) AND actd=2 minMspt10 =minMspt10 + ((actdocc*actdtim)/4).
IF range (age,0,15) minMspt10x=-2.
EXECUTE.
variable label minMspt10x '(D) Average mins doing moderate intensity sport per week (10+ min)'.
value labels minMspt10x -8 "Don't know"
 -9"Not answered"
 -2 "Schedule not applicable"
 -1"Item not applicable".

**Vigorous sports.
```

```
****NB: EDITED TIMING VARIABLES (VAR NAME ENDS IN E)
***-8 and -9 command commented out but need to decide if it is going to

** not edited in 2018 but running the below

compute minVspt10x=0.
*Moderate activities if effort level=1.
IF (WhtAct01=1 AND range(swimocc,1,28)) AND swimeff=1 AND swimtim GE 10
minVspt10x=minVspt10x + ((swimocc*swimtim)/4).
IF (WhtAct02=1 AND range(cycleocc,1,28)) AND cycleeff=1 AND cycletim GE 10
minVspt10x=minVspt10x + ((cycleocc*cycletim)/4).
IF (WhtAct03=1 AND range(weighocc,1,28)) AND weigheff=1 AND weightim GE 10
minVspt10x=minVspt10x + ((weighocc*weightim)/4).
IF (WhtAct04=1 AND range(aeroocc,1,28)) AND aeroeff=1 AND aerotim GE 10
minVspt10x=minVspt10x + ((aeroocc*aerotim)/4).
IF (WhtAct05=1 AND range(danceocc,1,28)) AND danceeff=1 AND dancetim GE 10
minVspt10x=minVspt10x + ((danceocc*dancetim)/4).
IF (WhtAct06=1 AND range(runocc,1,28)) AND runeff=1 AND runtim GE 10
minVspt10x=minVspt10x + ((runocc*runtim)/4).
IF (WhtAct08=1 AND range(tennocc,1,28)) AND  tenneff=1 AND tenntim GE 10
minVspt10x=minVspt10x + ((tennocc*tenntim)/4).
IF (WhtAct10=1 AND range(exocc,1,28)) AND  exeff=1 AND extim GE 10
minVspt10x=minVspt10x  + ((exocc*extim)/4).

*IF range(actaocc,1,28) AND acta=3 AND actatime GE 10 minVspt10 =minVspt10 +
((actaocc*actatime)/4).
*IF range(actbocc,1,28) AND actb=3 AND actbtim GE 10 minVspt10 =minVspt10 +
((actbocc*actbtim)/4).
*IF range(actcocc,1,28) AND actc=3 minVspt10 =minVspt10 + ((actcocc*actctim)/4).
*IF range(actdocc,1,28) AND actd=3 minVspt10 =minVspt10 + ((actdocc*actdtim)/4).
*Always vigorous activities.
IF (WhtAct07=1 AND range(ftbllocc,1,28)) AND ftblltim GE 10 minVspt10x=minVspt10x +
((ftbllocc*ftblltim)/4).
IF (WhtAct09=1 AND range(squasocc,1,28)) AND squastim GE 10 minVspt10x=minVspt10x +
((squasocc*squastim)/4).
IF range (age,0,15) minVspt10x=-2.
EXECUTE.
variable label minVspt10x '(D) Average mins doing vigorous intensity sport per week (10+ min)'.
value labels minVspt10x -8 "Don't know"
 -9"Not answered"
 -2 "Schedule not applicable"
 -1"Item not applicable".

************************************************.
*****SUMMARY MEASURE OF MVPA SPORT MINS PER WEEK TO MEASURE ADHERENCE
TO RECOMMENDATIONS.
*****75 MINS OF VIGOROUS ACTIVITY OR 150 MINS OF MODERATE = MEETS
GUIDELINES, SO MULTIPLY VIG TIME BY 2 TO WEIGHT IT FOR THIS VAR.
*****INDIVIDUAL SESSIONS LT 10 MINS ARE EXCLUDED, BUT TOTAL TIME PER WEEK
CAN SUM TO LT 10 MINS IF THE ACTIVITY WAS ONLY DONE 1-3 TIMES.

miss vals minMspt10x minVspt10x ().
compute MVPA10wkx=-99.
if minMspt10x ge 0 and minVspt10x ge 0 MVPA10wkx=minMspt10x+(minVspt10x*2).
if (minMspt10x lt 0 | minVspt10x lt 0) MVPA10wkx=minMspt10x.
```

```
exe.
variable label MVPA10wkx '(D) Average minutes doing MVPA sport per week (vig mins * 2)'.
add value labels mvpa10wkx -8 "Don't know"
 -9"Not answered"
 -2 "Schedule not applicable"
 -1"Item not applicable".
```

MEETING CMO RECOMMENDATIONS

mintot10T: (D) Average mins doing MVPA per week 10+ min (new 65+ walk definition)
mintot10X: (D) Average mins doing MVPA per week 10+ min (OLD walk definition)
mintot10X2: (D) Average mins doing MVPA per week 10+ min (OLD sports & OLD walk definition & OLD PA at work definition)
adt10gpTW: (D) Summary activity level - 2011 CMO time recommendations (new 65+ walk definition)
adt10gpTWL: (D) Low/very low summary activity level - 2011 CMO time recommendations (new 65+ walk definition)
adt10gpTX: (D) Summary activity level - 2011 CMO time recommendations (OLD walk definition)
adt10gpTX2: (D) Summary activity level - 2011 CMO time recommendations (OLD sports & OLD walk definition & OLD PA at work definition)
adt10gpM: (D) Whether meets CMO recommendations on activity duration & muscle strengthening

```
*****THIS INCLUDES: ALL THE NEW SPORTING VARIABLES, SLOW/STEADY WALKS IF
OVER 65 AND CAUSED EXERTION,
 VERY PHYSICALLY ACTIVE AT WORK=MODERATE.

*Sport=MVPA10wk.
*Heavy housework=hrshwk10 (hours).
*Heavy DIY=hrsman10(hours).
*Walks=hrwalk10R (hours).
*Time at work=actwktime.

compute mintot10T=0.
if hrshwk10 gt 0 mintot10T=mintot10T+(hrshwk10*60).
if hrsman10 gt 0 mintot10T=mintot10T+(hrsman10*60).
if hrwalk10R gt 0 mintot10T=mintot10T+(hrwalk10R*60).
if MVPA10wk gt 0 mintot10T=mintot10T+MVPA10wk.
IF actwktime gt 0 mintot10T=mintot10T+(actwktime*60).
IF any(-8,hrshwk10,hrsman10,hrwalk10R,MVPA10wk, actwktime) mintot10T=-8.
if any(-9,hrshwk10,hrsman10,hrwalk10R,MVPA10wk, actwktime) mintot10T=-9.
IF range(age,0,15) mintot10T=-2.
* recode hrstot10 (60 thru hi=60).
variable label mintot10T "(D) Average mins doing MVPA per week 10+ min (new 65+ walk
definition)".
value labels mintot10T -8 "don't know"
 -9"not answered"
 -2 "schedule not applicable"
 -1"item not applicable".
formats mintot10T (f8.0).
fre mintot10T.
```

```
* OLD WALK DEFINITION.

compute mintot10X=0.
if hrshwk10 gt 0 mintot10X=mintot10X+(hrshwk10*60).
if hrsman10 gt 0 mintot10X=mintot10X+(hrsman10*60).
if hrwalk10X gt 0 mintot10X=mintot10X+(hrwalk10X*60).
if MVPA10wk gt 0 mintot10X=mintot10X+MVPA10wk.
IF actwktime gt 0 mintot10X=mintot10X+(actwktime*60).
IF any(-8,hrshwk10,hrsman10,hrwalk10X,MVPA10wk, actwktime) mintot10X=-8.
if any(-9,hrshwk10,hrsman10,hrwalk10X,MVPA10wk, actwktime) mintot10X=-9.
IF range(age,0,15) mintot10X=-2.
*recode hrstot10 (60 thru hi=60).
variable label mintot10X "(D) Average mins doing MVPA per week 10+ min (OLD walk
definition)".
value labels mintot10X -8 "don't know"
 -9"not answered"
 -2 "schedule not applicable"
 -1"item not applicable".

**********.
*****2nd version-  with vigorous sports double counted, but new sports excluded, & old walks
definition (for comparison with 2008-2011).
**********.
compute mintot10X2=0.
if hrshwk10 gt 0 mintot10X2=mintot10X2+(hrshwk10*60).
if hrsman10 gt 0 mintot10X2=mintot10X2+(hrsman10*60).
if hrwalk10X gt 0 mintot10X2=mintot10X2+(hrwalk10X*60).
if MVPA10wkx gt 0 mintot10X2=mintot10X2+MVPA10wkx.
IF (Active=1 AND ftptime=1) mintot10X2=mintot10X2+1800.
IF (active=1 AND (ftptime=2 OR ftptime=-8 OR ftptime=-9)) mintot10X2=mintot10X2+1050.
IF any(-8,hrshwk10,hrsman10,hrwalk10X,MVPA10wkx) mintot10X2=-8.
if any(-9,hrshwk10,hrsman10,hrwalk10X,MVPA10wkx) mintot10X2=-9.
IF range(age,0,15) mintot10X2=-2.
*recode hrstot10 (60 thru hi=60).
variable label mintot10X2 "(D) Average mins doing MVPA per week 10+ min (OLD sports & OLD
walk definition & OLD PA at work definition)".
value labels mintot10X2 -8 "don't know"  -9"not answered"  -2 "schedule not applicable"  -1"item
not applicable".

recode mintot10T mintot10X  (150 thru hi=1) (60 thru 150=2) (30 thru 60=3) (0 thru 30=4)
(else=copy) into adt10gpTW adt10gpTX .
exe.
recode mintot10X2 (150 thru hi=1) (60 thru 150=2) (30 thru 60=3) (0 thru 30=4) (else=copy) into
adt10gpTX2.
exe.
VALUE LABELS adt10gpTW adt10gpTX adt10gpTX2 1 "Meets recommendations" 2 "Some
activity" 3 "Low activity" 4 "Very low activity" -8 "Don't know" -2 "Schedule not applicable".
VARIABLE LABELS adt10gpTW  "(D) Summary activity level - 2011 CMO time recommendations
(new 65+ walk definition)".
VARIABLE LABELS adt10gpTX  "(D) Summary activity level - 2011 CMO time recommendations
(OLD walk definition)".
VARIABLE LABELS adt10gpTX2  "(D) Summary activity level - 2011 CMO time
recommendations (OLD sports & OLD walk definition & OLD PA at work definition)".
```

```
* adt10gpTWL

recode adt10gpTW (3 thru 4=1) (1 thru 2=2) (else=copy) into adt10gpTWL.

Variable labels adt10gpTWL “(D) Low/very low summary activity level - 2011 CMO time
recommendations (new 65+ walk definition)”.
add value labels adt10gpTWL 1 “Low / very low activity” 2 “Some activity / meets
recommendations”.

*******************************.
*****DEFINING MEETING THE NEW 150 MODERATE / 75 MINS VIGOROUS ACTIVITY PER
WEEK VARIABLE - 2008-2011 DATA.
*******************************.

*****THIS INCLUDES: ALL THE AVAILABLE SPORTING VARIABLES, ORIGINAL WALKING
DEFINITION [hrwalk10X], VERY PHYSICALLY ACTIVE AT WORK=MODERATE.

*Sport=MVPA10wk (hours).
*Heavy housework=hrshwk10 (hours).
*Heavy DIY=hrsman10(hours).
*Walks=hrwalk10X (hours).

***MVPA MEETING CMO RECOMMENDATIONS 2008-2011 VARS - USING THE NEW SPORT
TIMING VARS CREATED FOR EACH YEAR'S DATASET.

compute mintot10X2=0.
if hrshwk10 gt 0 mintot10X2=mintot10X2+(hrshwk10*60).
if hrsman10 gt 0 mintot10X2=mintot10X2+(hrsman10*60).
if hrwalk10 gt 0 mintot10X2=mintot10X2+(hrwalk10*60).
if MVPA10wk gt 0 mintot10X2=mintot10X2+MVPA10wk.
IF (Active=1 AND ftptime=1) mintot10X2=mintot10X2+1800.
IF (active=1 AND (ftptime=2 OR ftptime=-8 OR ftptime=-9)) mintot10X2=mintot10X2+1050.
IF any(-8,hrshwk10,hrsman10,hrwalk10,MVPA10wk) mintot10X2=-8.
if any(-9,hrshwk10,hrsman10,hrwalk10,MVPA10wk) mintot10X2=-9.
IF range(age,0,15) mintot10X2=-2.
variable label mintot10X2 "(D) Average mins doing MVPA per week 10+ min (OLD sports & OLD
walk definition & OLD PA at work definition)".
value labels mintot10X2 -8 "don't know"  -9"not answered"  -2 "schedule not applicable"
 -1"item not applicable".

recode mintot10X2 (150 thru hi=1) (60 thru 150=2) (30 thru 60=3) (0 thru 30=4) (else=copy) into
adt10gpTX2.
exe.
VALUE LABELS adt10gpTX2 1 "Meets recommendations" 2 "Some activity" 3 "Low activity" 4
"Very low activity" -8 "Don't know" -2 "Schedule not applicable".
VARIABLE LABELS adt10gpTX2  "(D) Summary activity level - 2011 CMO time
recommendations (OLD sports & OLD walk definition & OLD PA at work definition)".

*****************************************************.
*****2012: meets muscle & timing recommendations.
*****************************************************.
compute adt10gpM=-99.
if MusRec=1 and adt10gpTW=1 adt10gpM=1.
if MusRec=0 and adt10gpTW=1 adt10gpM=2.
if MusRec=1 and adt10gpTW >1 adt10gpM=3.
if MusRec=0 and adt10gpTW >1 adt10gpM=4.
```

```
if adt10gpTW<0 adt10gpM=adt10gpTW.
exe.
var lab adt10gpM "(D) Whether meets CMO recommendations on activity duration & muscle strengthening".
val labs adt10gpM 1 "Meets MVPA & muscle recs" 2 "Meets MVPA rec only" 3 "Meets muscle rec only" 4 "Meets neither rec" -2 "Schedule not applicable" -8 "Don't know".
```

MEETING OLD RECOMMENDATIONS

actaX: (D) Other sports intensity (sport 1) - OLD DEFINITIONS
actbX: (D) Other sports intensity (sport 2) - OLD DEFINITIONS
adhse10b: (D) Number of days heavy housework 30 mins +, including 10-29 min bouts
adman10b: (D) Number of days per week heavy manual 30 mins including 10-29 min bouts
Adsp10b: (D) Number of occasions sports 30 mins + , including 10-29 min sessions
adtot10b: (D) Total number of days active 30 mins +, 10-29 min sessions included
adtot10c: (D) Number of days per week any activities 30 mins +, 10-29 min sessions included
adt10gp: (D) Summary activity level, 10-29 min sessions included - PRE 2011 RECOMMENDATIONS

```
*This creates a physical activity intensity summary variable based on other activities.
*THIS IS THE CLASSIFICATION IN PLACE 2008-2011.

Recode WhtAct11 (11,12,15,18,21,23,27,28,29,30,31,32,34,37,39,47,48,
   53,57,58,60,61,63,65,66,67,68,72,73,74,75,77,78,79,81,84,89,90,98=1)
  (13,16,17,19,20,24,25,26,33,35,36,38,41,42,43,44,45,46,
   50,51,54,55,56,59,62,64,69,71,76,80,83,85,87,91,98=2)
  (14,22,40,49,52,70,82,86,88,92,93=3)
  (5,10=2)(1,2,3,4,7,8=4)(6,9=5)
  (ELSE=COPY) INTO actaX.
Recode WhtAct12 (11,12,15,18,21,23,27,28,29,30,31,32,34,37,39,47,48,
   53,57,58,60,61,63,65,66,67,68,72,73,74,75,77,78,79,81,84,89,90,98=1)
  (13,16,17,19,20,24,25,26,33,35,36,38,41,42,43,44,45,46,
   50,51,54,55,56,59,62,64,69,71,76,80,83,85,87,91=2)
  (14,22,40,49,52,70,82,86,88,92,93=3)
  (5,10=2)(1,2,3,4,7,8=4)(6,9=5)
  (ELSE=COPY) INTO actbX.
*Recode WhtAct13 (11,12,15,18,21,23,27,28,29,30,31,32,34,37,39,47,48,
   53,57,58,60,61,63,65,66,67,68,72,73,74,75,77,78,79,81,84,89,90,98=1)
  (13,16,17,19,20,24,25,26,33,35,36,38,41,42,43,44,45,46,
   50,51,54,55,56,59,62,64,69,71,76,80,83,85,87,91=2)
  (14,22,40,49,52,70,82,86,88,92,93=3)
  (5,10=2)(1,2,3,4,7,8=4)(6,9=5)
  (ELSE=COPY) INTO actc.
*Recode WhtAct14 (11,12,15,18,21,23,27,28,29,30,31,32,34,37,39,47,48,
   53,57,58,60,61,63,65,66,67,68,72,73,74,75,77,78,79,81,84,89,90,98=1)
  (13,16,17,19,20,24,25,26,33,35,36,38,41,42,43,44,45,46,
   50,51,54,55,56,59,62,64,69,71,76,80,83,85,87,91=2)
  (14,22,40,49,52,70,82,86,88,92,93=3)
  (5,10=2)(1,2,3,4,7,8=4)(6,9=5)
```

```
  (ELSE=COPY) INTO actd.
variable label actaX '(D) Other sports intensity (sport 1) - OLD DEFINITIONS'.
variable label actbX '(D) Other sports intensity (sport 2) - OLD DEFINITIONS'.
*variable label actc '(D) Other sports intensity (sport 3)'.
*variable label actd '(D) Other sports intensity (sport 4)'.
value labels actaX actbX
-9 "Refused/not answered"
-8 "Don't know"
-6 "Schedule not obtained"
-2 "Schedule not applicable"
-1 "Item not applicable"
 1 'light type'
 2 'moderate type'
 3 'vigorous type'
 4 'vigorous type (swim,cycle,weights,aerobic,football,tennis)'
 5 'very vigorous type (running, squash)'.

*The moderate plus classification for new guidelines = 3, 4, 5.
**Only code 2 needs to be checked for effort status.

**Summary activity variable 10+ effort of activity included and other activities.

Compute adhse10b=0.
IF Housewrk=2 Adhse10b=adhse10b+0.
IF Hwrklist=2 Adhse10b=adhse10b+0.
IF (RANGE(heavyday,1,28) AND RANGE (hwtim,30,800)) Adhse10b=adhse10b+Heavyday.
IF RANGE(hwtim,0,9) adhse10b=adhse10b+0.
IF RANGE(heavyday,1,28)  & hwtim=10  adhse10b=adhse10b+( Heavyday/3.000).
IF RANGE(heavyday,1,28)  & hwtim=11  adhse10b=adhse10b+( Heavyday/2.727).
IF RANGE(heavyday,1,28)  & hwtim=12  adhse10b=adhse10b+( Heavyday/2.500).
IF RANGE(heavyday,1,28)  & hwtim=13  adhse10b=adhse10b+( Heavyday/2.308).
IF RANGE(heavyday,1,28)  & hwtim=14  adhse10b=adhse10b+( Heavyday/2.143).
IF RANGE(heavyday,1,28)  & hwtim=15  adhse10b=adhse10b+( Heavyday/2).
IF RANGE(heavyday,1,28)  &  hwtim=16 adhse10b=adhse10b+( Heavyday/1.875).
IF RANGE(heavyday,1,28)  &  hwtim=17 adhse10b=adhse10b+( Heavyday/1.764).
IF RANGE(heavyday,1,28)  &  hwtim=18 adhse10b=adhse10b+( Heavyday/1.666).
IF RANGE(heavyday,1,28)  &  hwtim=19 adhse10b=adhse10b+( Heavyday/1.578).
IF RANGE(heavyday,1,28)  &  hwtim=20 adhse10b=adhse10b+( Heavyday/1.5).
IF RANGE(heavyday,1,28)  &  hwtim=21 adhse10b=adhse10b+( Heavyday/1.428).
IF RANGE(heavyday,1,28)  &  hwtim=22 adhse10b=adhse10b+( Heavyday/1.363).
IF RANGE(heavyday,1,28)  &  hwtim=23adhse10b=adhse10b+( Heavyday/1.304).
IF RANGE(heavyday,1,28)  &  hwtim=24 adhse10b=adhse10b+( Heavyday/1.25).
IF RANGE(heavyday,1,28)  &  hwtim=25 adhse10b=adhse10b+( Heavyday/1.2).
IF RANGE(heavyday,1,28)  &  hwtim=26 adhse10b=adhse10b+( Heavyday/1.15).
IF RANGE(heavyday,1,28)  &  hwtim=27 adhse10b=adhse10b+( Heavyday/1.111).
IF RANGE(heavyday,1,28)  &  hwtim=28 adhse10b=adhse10b+( Heavyday/1.071).
IF RANGE(heavyday,1,28)  &  hwtim=29 adhse10b=adhse10b+( Heavyday/1.034).

IF any(-9,HrsHhw,Minhhw, hwtim)|any(-8,HrsHhw,Minhhw, hwtim) adhse10b=-8.

IF RANGE(age,0,15) adhse10b=-2.

variable label adhse10b '(D) Number of days heavy housework 30 mins +, including 10-29 min
bouts'.
Value label adhse10b
-9 "Refused/not answered" -8 "Don't know" -6 "Schedule not obtained" -2 "Schedule not
```

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applicable"  -1 "Item not applicable".
execute.


* NUMBER OF DAYS HEAVY MANUAL 30 MINS +.

Compute adman10b=0.
IF Garden=2 adman10b=adman10b+0.
IF Gardlist=2 adman10b=adman10b+0.
IF manwork=2 adman10b=adman10b+0.
IF (RANGE(mandays,1,28) AND RANGE(DIYTim,30,800)) adman10b=adman10b+mandays.
IF RANGE(DIYTim,0,9) Adman10b=adman10b+0.
IF RANGE(mandays,1,28)  &  DIYTim=10 adman10b=adman10b+( Mandays/3.000).
IF RANGE(mandays,1,28)  &  DIYTim=11 adman10b=adman10b+( Mandays/2.727).
IF RANGE(mandays,1,28)  &  DIYTim=12 adman10b=adman10b+( Mandays/2.500).
IF RANGE(mandays,1,28)  &  DIYTim=13 adman10b=adman10b+( Mandays/2.308).
IF RANGE(mandays,1,28)  &  DIYTim=14 adman10b=adman10b+( Mandays/2.143).
IF RANGE(mandays,1,28)  &  DIYTim=15 adman10b=adman10b+( Mandays/2).
IF RANGE(mandays,1,28)  &  DIYTim=16 adman10b=adman10b+( Mandays/1.875).
IF RANGE(mandays,1,28)  &  DIYTim=17 adman10b=adman10b+( Mandays/1.764).
IF RANGE(mandays,1,28)  &  DIYTim=18 adman10b=adman10b+( Mandays/1.666).
IF RANGE(mandays,1,28)  &  DIYTim=19 adman10b=adman10b+( Mandays/1.578).
IF RANGE(mandays,1,28)  &  DIYTim=20 adman10b=adman10b+( Mandays/1.5).
IF RANGE(mandays,1,28)  &  DIYTim=21 adman10b=adman10b+( Mandays/1.428).
IF RANGE(mandays,1,28)  &  DIYTim=22 adman10b=adman10b+( Mandays/1.363).
IF RANGE(mandays,1,28)  &  DIYTim=23 adman10b=adman10b+( Mandays/1.304).
IF RANGE(mandays,1,28)  &  DIYTim=24 adman10b=adman10b+( Mandays/1.25).
IF RANGE(mandays,1,28)  &  DIYTim=25 adman10b=adman10b+( Mandays/1.2).
IF RANGE(mandays,1,28)  &  DIYTim=26 adman10b=adman10b+( Mandays/1.15).
IF RANGE(mandays,1,28)  &  DIYTim=27 adman10b=adman10b+( Mandays/1.111).
IF RANGE(mandays,1,28)  &  DIYTim=28 adman10b=adman10b+( Mandays/1.071).
IF RANGE(mandays,1,28)  &  DIYTim=29 adman10b=adman10b+( Mandays/1.034).
IF any(-9,HrsDIY,MinDIY, DIYTim) | any(-8,HrsDIY,MinDIY, DIYTim) adman10b=-8.
IF RANGE(age,0,15) adman10b=-2.
variable label adman10b '(D) Number of days per week heavy manual 30 mins including 10-29
min bouts'.
value label adman10b
-9 "Refused/not answered"
-8 "Don't know"
-6 "Schedule not obtained"
-2 "Schedule not applicable"
-1 "Item not applicable".
execute.

***adwlk10b.
* NUMBER OF DAYS WALKING 30 MINS +.

* VAR NAMES CHANGED IN 2012 DUE TO THE NEW QUESTIONS FOR 65+ - NOW
UPDATED TO adwlk10bX
* THIS HAS ALREADY BEEN RUN IN THE FILE: DV ADULT PA 1 65+ WALKING EXERTION.

**This is the sport 30 mins+ var.
*NB IT DOES NOT USE THE EDITED SPORTS TIME VARIABLES.

COMPUTE Adsp10b=0.
IF (Whtact01=1 AND RANGE(swimocc,1,28) AND SwimTim ge 30) Adsp10b=Adsp10b+swimocc.
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IF (Whtact01=1 AND RANGE(swimocc,1,28)) AND SwimTim=10
Adsp10b=Adsp10b+(swimocc/3.000).
IF (Whtact01=1 AND RANGE(swimocc,1,28)) AND SwimTim=11
Adsp10b=Adsp10b+(swimocc/2.727).
IF (Whtact01=1 AND RANGE(swimocc,1,28)) AND SwimTim=12
Adsp10b=Adsp10b+(swimocc/2.500).
IF (Whtact01=1 AND RANGE(swimocc,1,28)) AND SwimTim=13
Adsp10b=Adsp10b+(swimocc/2.308).
IF (Whtact01=1 AND RANGE(swimocc,1,28)) AND SwimTim=14
Adsp10b=Adsp10b+(swimocc/2.143).
IF (Whtact01=1 AND RANGE(swimocc,1,28)) AND SwimTim=15
Adsp10b=Adsp10b+(swimocc/2).
IF (Whtact01=1 AND RANGE(swimocc,1,28)) AND SwimTim=16
Adsp10b=Adsp10b+(swimocc/1.875).
IF (Whtact01=1 AND RANGE(swimocc,1,28)) AND SwimTim=17
Adsp10b=Adsp10b+(swimocc/1.764).
IF (Whtact01=1 AND RANGE(swimocc,1,28)) AND SwimTim=18
Adsp10b=Adsp10b+(swimocc/1.666).
IF (Whtact01=1 AND RANGE(swimocc,1,28)) AND SwimTim=19
Adsp10b=Adsp10b+(swimocc/1.578).
IF (Whtact01=1 AND RANGE(swimocc,1,28)) AND SwimTim=20
Adsp10b=Adsp10b+(swimocc/1.5).
IF (Whtact01=1 AND RANGE(swimocc,1,28)) AND SwimTim=21
Adsp10b=Adsp10b+(swimocc/1.428).
IF (Whtact01=1 AND RANGE(swimocc,1,28)) AND SwimTim=22
Adsp10b=Adsp10b+(swimocc/1.363).
IF (Whtact01=1 AND RANGE(swimocc,1,28)) AND SwimTim=23
Adsp10b=Adsp10b+(swimocc/1.304).
IF (Whtact01=1 AND RANGE(swimocc,1,28)) AND SwimTim=24
Adsp10b=Adsp10b+(swimocc/1.25).
IF (Whtact01=1 AND RANGE(swimocc,1,28)) AND SwimTim=25
Adsp10b=Adsp10b+(swimocc/1.2).
IF (Whtact01=1 AND RANGE(swimocc,1,28)) AND SwimTim=26
Adsp10b=Adsp10b+(swimocc/1.15).
IF (Whtact01=1 AND RANGE(swimocc,1,28)) AND SwimTim=27
Adsp10b=Adsp10b+(swimocc/1.111).
IF (Whtact01=1 AND RANGE(swimocc,1,28)) AND SwimTim=28
Adsp10b=Adsp10b+(swimocc/1.071).
IF (Whtact01=1 AND RANGE(swimocc,1,28)) AND SwimTim=29
Adsp10b=Adsp10b+(swimocc/1.034).

IF (whtact02=1 AND RANGE(cycleocc,1,28) AND cycletim ge 30) Adsp10b=Adsp10b+cycleocc.
IF (Whtact02=1 AND RANGE(cycleocc,1,28)) AND Cycletim=10
Adsp10b=Adsp10b+(cycleocc/3.000).
IF (Whtact02=1 AND RANGE(cycleocc,1,28)) AND Cycletim=11
Adsp10b=Adsp10b+(cycleocc/2.727).
IF (Whtact02=1 AND RANGE(cycleocc,1,28)) AND Cycletim=12
Adsp10b=Adsp10b+(cycleocc/2.500).
IF (Whtact02=1 AND RANGE(cycleocc,1,28)) AND Cycletim=13
Adsp10b=Adsp10b+(cycleocc/2.308).
IF (Whtact02=1 AND RANGE(cycleocc,1,28)) AND Cycletim=14
Adsp10b=Adsp10b+(cycleocc/2.143).
IF (Whtact02=1 AND RANGE(cycleocc,1,28)) AND Cycletim=15
Adsp10b=Adsp10b+(cycleocc/2).
IF (Whtact02=1 AND RANGE(cycleocc,1,28)) AND Cycletim=16
Adsp10b=Adsp10b+(cycleocc/1.875).
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```
IF (Whtact02=1 AND RANGE(cycleocc,1,28)) AND Cycletim=17
Adsp10b=Adsp10b+(cycleocc/1.764).
IF (Whtact02=1 AND RANGE(cycleocc,1,28)) AND Cycletim=18
Adsp10b=Adsp10b+(cycleocc/1.666).
IF (Whtact02=1 AND RANGE(cycleocc,1,28)) AND Cycletim=19
Adsp10b=Adsp10b+(cycleocc/1.578).
IF (Whtact02=1 AND RANGE(cycleocc,1,28)) AND Cycletim=20
Adsp10b=Adsp10b+(cycleocc/1.5).
IF (Whtact02=1 AND RANGE(cycleocc,1,28)) AND Cycletim=21
Adsp10b=Adsp10b+(cycleocc/1.428).
IF (Whtact02=1 AND RANGE(cycleocc,1,28)) AND Cycletim=22
Adsp10b=Adsp10b+(cycleocc/1.363).
IF (Whtact02=1 AND RANGE(cycleocc,1,28)) AND Cycletim=23
Adsp10b=Adsp10b+(cycleocc/1.304).
IF (Whtact02=1 AND RANGE(cycleocc,1,28)) AND Cycletim=24
Adsp10b=Adsp10b+(cycleocc/1.25).
IF (Whtact02=1 AND RANGE(cycleocc,1,28)) AND Cycletim=25
Adsp10b=Adsp10b+(cycleocc/1.2).
IF (Whtact02=1 AND RANGE(cycleocc,1,28)) AND Cycletim=26
Adsp10b=Adsp10b+(cycleocc/1.15).
IF (Whtact02=1 AND RANGE(cycleocc,1,28)) AND Cycletim=27
Adsp10b=Adsp10b+(cycleocc/1.111).
IF (Whtact02=1 AND RANGE(cycleocc,1,28)) AND Cycletim=28
Adsp10b=Adsp10b+(cycleocc/1.071).
IF (Whtact02=1 AND RANGE(cycleocc,1,28)) AND Cycletim=29
Adsp10b=Adsp10b+(cycleocc/1.034).

IF (WhtAct03=1 AND RANGE(weighocc,1,28) AND WeighTim ge 30)
Adsp10b=Adsp10b+weighocc.
IF (Whtact03=1 AND RANGE(weighocc,1,28)) AND WeighTim=10
Adsp10b=Adsp10b+(weighocc/3.000).
IF (Whtact03=1 AND RANGE(weighocc,1,28)) AND WeighTim=11
Adsp10b=Adsp10b+(weighocc/2.727).
IF (Whtact03=1 AND RANGE(weighocc,1,28)) AND WeighTim=12
Adsp10b=Adsp10b+(weighocc/2.500).
IF (Whtact03=1 AND RANGE(weighocc,1,28)) AND WeighTim=13
Adsp10b=Adsp10b+(weighocc/2.308).
IF (Whtact03=1 AND RANGE(weighocc,1,28)) AND WeighTim=14
Adsp10b=Adsp10b+(weighocc/2.143).
IF (Whtact03=1 AND RANGE(weighocc,1,28)) AND WeighTim=15
Adsp10b=Adsp10b+(weighocc/2).
IF (Whtact03=1 AND RANGE(weighocc,1,28)) AND WeighTim=16
Adsp10b=Adsp10b+(weighocc/1.875).
IF (Whtact03=1 AND RANGE(weighocc,1,28)) AND WeighTim=17
Adsp10b=Adsp10b+(weighocc/1.764).
IF (Whtact03=1 AND RANGE(weighocc,1,28)) AND WeighTim=18
Adsp10b=Adsp10b+(weighocc/1.666).
IF (Whtact03=1 AND RANGE(weighocc,1,28)) AND WeighTim=19
Adsp10b=Adsp10b+(weighocc/1.578).
IF (Whtact03=1 AND RANGE(weighocc,1,28)) AND WeighTim=20
Adsp10b=Adsp10b+(weighocc/1.5).
IF (Whtact03=1 AND RANGE(weighocc,1,28)) AND WeighTim=21
Adsp10b=Adsp10b+(weighocc/1.428).
IF (Whtact03=1 AND RANGE(weighocc,1,28)) AND WeighTim=22
Adsp10b=Adsp10b+(weighocc/1.363).
IF (Whtact03=1 AND RANGE(weighocc,1,28)) AND WeighTim=23
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Adsp10b=Adsp10b+(weighocc/1.304).
IF (Whtact03=1 AND RANGE(weighocc,1,28)) AND WeighTim=24
Adsp10b=Adsp10b+(weighocc/1.25).
IF (Whtact03=1 AND RANGE(weighocc,1,28)) AND WeighTim=25
Adsp10b=Adsp10b+(weighocc/1.2).
IF (Whtact03=1 AND RANGE(weighocc,1,28)) AND WeighTim=26
Adsp10b=Adsp10b+(weighocc/1.15).
IF (Whtact03=1 AND RANGE(weighocc,1,28)) AND WeighTim=27
Adsp10b=Adsp10b+(weighocc/1.111).
IF (Whtact03=1 AND RANGE(weighocc,1,28)) AND WeighTim=28
Adsp10b=Adsp10b+(weighocc/1.071).
IF (Whtact03=1 AND RANGE(weighocc,1,28)) AND WeighTim=29
Adsp10b=Adsp10b+(weighocc/1.034).

IF (WhtAct04=1 AND RANGE(aeroocc,1,28) AND AeroTim ge 30) Adsp10b=Adsp10b+aeroocc.
IF (Whtact04=1 AND RANGE(aeroocc,1,28)) AND AeroTim=10
Adsp10b=Adsp10b+(aeroocc/3.000).
IF (Whtact04=1 AND RANGE(aeroocc,1,28)) AND AeroTim=11
Adsp10b=Adsp10b+(aeroocc/2.727).
IF (Whtact04=1 AND RANGE(aeroocc,1,28)) AND AeroTim=12
Adsp10b=Adsp10b+(aeroocc/2.500).
IF (Whtact04=1 AND RANGE(aeroocc,1,28)) AND AeroTim=13
Adsp10b=Adsp10b+(aeroocc/2.308).
IF (Whtact04=1 AND RANGE(aeroocc,1,28)) AND AeroTim=14
Adsp10b=Adsp10b+(aeroocc/2.143).
IF (Whtact04=1 AND RANGE(aeroocc,1,28)) AND AeroTim=15 Adsp10b=Adsp10b+(aeroocc/2).
IF (Whtact04=1 AND RANGE(aeroocc,1,28)) AND AeroTim=16
Adsp10b=Adsp10b+(aeroocc/1.875).
IF (Whtact04=1 AND RANGE(aeroocc,1,28)) AND AeroTim=17
Adsp10b=Adsp10b+(aeroocc/1.764).
IF (Whtact04=1 AND RANGE(aeroocc,1,28)) AND AeroTim=18
Adsp10b=Adsp10b+(aeroocc/1.666).
IF (Whtact04=1 AND RANGE(aeroocc,1,28)) AND AeroTim=19
Adsp10b=Adsp10b+(aeroocc/1.578).
IF (Whtact04=1 AND RANGE(aeroocc,1,28)) AND AeroTim=20
Adsp10b=Adsp10b+(aeroocc/1.5).
IF (Whtact04=1 AND RANGE(aeroocc,1,28)) AND AeroTim=21
Adsp10b=Adsp10b+(aeroocc/1.428).
IF (Whtact04=1 AND RANGE(aeroocc,1,28)) AND AeroTim=22
Adsp10b=Adsp10b+(aeroocc/1.363).
IF (Whtact04=1 AND RANGE(aeroocc,1,28)) AND AeroTim=23
Adsp10b=Adsp10b+(aeroocc/1.304).
IF (Whtact04=1 AND RANGE(aeroocc,1,28)) AND AeroTim=24
Adsp10b=Adsp10b+(aeroocc/1.25).
IF (Whtact04=1 AND RANGE(aeroocc,1,28)) AND AeroTim=25
Adsp10b=Adsp10b+(aeroocc/1.2).
IF (Whtact04=1 AND RANGE(aeroocc,1,28)) AND AeroTim=26
Adsp10b=Adsp10b+(aeroocc/1.15).
IF (Whtact04=1 AND RANGE(aeroocc,1,28)) AND AeroTim=27
Adsp10b=Adsp10b+(aeroocc/1.111).
IF (Whtact04=1 AND RANGE(aeroocc,1,28)) AND AeroTim=28
Adsp10b=Adsp10b+(aeroocc/1.071).
IF (Whtact04=1 AND RANGE(aeroocc,1,28)) AND AeroTim=29
Adsp10b=Adsp10b+(aeroocc/1.034).

IF (WhtAct05=1 AND RANGE(danceocc,1,28)) AND danceeff=1 AND DanceTim ge 30
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Adsp10b=Adsp10b+danceocc.
IF (Whtact05=1 AND RANGE(danceocc,1,28)) AND danceeff=1 AND DanceTim=10
Adsp10b=Adsp10b+(danceocc/3.000).
IF (Whtact05=1 AND RANGE(danceocc,1,28)) AND danceeff=1 AND DanceTim=11
Adsp10b=Adsp10b+(danceocc/2.727).
IF (Whtact05=1 AND RANGE(danceocc,1,28)) AND danceeff=1 AND DanceTim=12
Adsp10b=Adsp10b+(danceocc/2.500).
IF (Whtact05=1 AND RANGE(danceocc,1,28)) AND danceeff=1 AND DanceTim=13
Adsp10b=Adsp10b+(danceocc/2.308).
IF (Whtact05=1 AND RANGE(danceocc,1,28)) AND danceeff=1 AND DanceTim=14
Adsp10b=Adsp10b+(danceocc/2.143).
IF (Whtact05=1 AND RANGE(danceocc,1,28)) AND danceeff=1 AND DanceTim=15
Adsp10b=Adsp10b+(danceocc/2).
IF (Whtact05=1 AND RANGE(danceocc,1,28)) AND danceeff=1 AND DanceTim=16
Adsp10b=Adsp10b+(danceocc/1.875).
IF (Whtact05=1 AND RANGE(danceocc,1,28)) AND danceeff=1 AND DanceTim=17
Adsp10b=Adsp10b+(danceocc/1.764).
IF (Whtact05=1 AND RANGE(danceocc,1,28)) AND danceeff=1 AND DanceTim=18
Adsp10b=Adsp10b+(danceocc/1.666).
IF (Whtact05=1 AND RANGE(danceocc,1,28)) AND danceeff=1 AND DanceTim=19
Adsp10b=Adsp10b+(danceocc/1.578).
IF (Whtact05=1 AND RANGE(danceocc,1,28)) AND danceeff=1 AND DanceTim=20
Adsp10b=Adsp10b+(danceocc/1.5).
IF (Whtact05=1 AND RANGE(danceocc,1,28)) AND danceeff=1 AND DanceTim=21
Adsp10b=Adsp10b+(danceocc/1.428).
IF (Whtact05=1 AND RANGE(danceocc,1,28)) AND danceeff=1 AND DanceTim=22
Adsp10b=Adsp10b+(danceocc/1.363).
IF (Whtact05=1 AND RANGE(danceocc,1,28)) AND danceeff=1 AND DanceTim=23
Adsp10b=Adsp10b+(danceocc/1.304).
IF (Whtact05=1 AND RANGE(danceocc,1,28)) AND danceeff=1 AND DanceTim=24
Adsp10b=Adsp10b+(danceocc/1.25).
IF (Whtact05=1 AND RANGE(danceocc,1,28)) AND danceeff=1 AND DanceTim=25
Adsp10b=Adsp10b+(danceocc/1.2).
IF (Whtact05=1 AND RANGE(danceocc,1,28)) AND danceeff=1 AND DanceTim=26
Adsp10b=Adsp10b+(danceocc/1.15).
IF (Whtact05=1 AND RANGE(danceocc,1,28)) AND danceeff=1 AND DanceTim=27
Adsp10b=Adsp10b+(danceocc/1.111).
IF (Whtact05=1 AND RANGE(danceocc,1,28)) AND danceeff=1 AND DanceTim=28
Adsp10b=Adsp10b+(danceocc/1.071).
IF (Whtact05=1 AND RANGE(danceocc,1,28)) AND danceeff=1 AND DanceTim=29
Adsp10b=Adsp10b+(danceocc/1.034).

IF (WhtAct06=1 AND RANGE(runocc,1,28) AND RunTim ge 30) Adsp10b=Adsp10b+runocc.
IF (Whtact06=1 AND RANGE(runocc,1,28)) AND RunTim=10
Adsp10b=Adsp10b+(runocc/3.000).
IF (Whtact06=1 AND RANGE(runocc,1,28)) AND RunTim=11
Adsp10b=Adsp10b+(runocc/2.727).
IF (Whtact06=1 AND RANGE(runocc,1,28)) AND RunTim=12
Adsp10b=Adsp10b+(runocc/2.500).
IF (Whtact06=1 AND RANGE(runocc,1,28)) AND RunTim=13
Adsp10b=Adsp10b+(runocc/2.308).
IF (Whtact06=1 AND RANGE(runocc,1,28)) AND RunTim=14
Adsp10b=Adsp10b+(runocc/2.143).
IF (Whtact06=1 AND RANGE(runocc,1,28)) AND RunTim=15 Adsp10b=Adsp10b+(runocc/2).
IF (Whtact06=1 AND RANGE(runocc,1,28)) AND RunTim=16
Adsp10b=Adsp10b+(runocc/1.875).
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IF (Whtact06=1 AND RANGE(runocc,1,28)) AND RunTim=17
Adsp10b=Adsp10b+(runocc/1.764).
IF (Whtact06=1 AND RANGE(runocc,1,28)) AND RunTim=18
Adsp10b=Adsp10b+(runocc/1.666).
IF (Whtact06=1 AND RANGE(runocc,1,28)) AND RunTim=19
Adsp10b=Adsp10b+(runocc/1.578).
IF (Whtact06=1 AND RANGE(runocc,1,28)) AND RunTim=20 Adsp10b=Adsp10b+(runocc/1.5).
IF (Whtact06=1 AND RANGE(runocc,1,28)) AND RunTim=21
Adsp10b=Adsp10b+(runocc/1.428).
IF (Whtact06=1 AND RANGE(runocc,1,28)) AND RunTim=22
Adsp10b=Adsp10b+(runocc/1.363).
IF (Whtact06=1 AND RANGE(runocc,1,28)) AND RunTim=23
Adsp10b=Adsp10b+(runocc/1.304).
IF (Whtact06=1 AND RANGE(runocc,1,28)) AND RunTim=24 Adsp10b=Adsp10b+(runocc/1.25).
IF (Whtact06=1 AND RANGE(runocc,1,28)) AND RunTim=25 Adsp10b=Adsp10b+(runocc/1.2).
IF (Whtact06=1 AND RANGE(runocc,1,28)) AND RunTim=26 Adsp10b=Adsp10b+(runocc/1.15).
IF (Whtact06=1 AND RANGE(runocc,1,28)) AND RunTim=27
Adsp10b=Adsp10b+(runocc/1.111).
IF (Whtact06=1 AND RANGE(runocc,1,28)) AND RunTim=28
Adsp10b=Adsp10b+(runocc/1.071).
IF (Whtact06=1 AND RANGE(runocc,1,28)) AND RunTim=29
Adsp10b=Adsp10b+(runocc/1.034).

IF (WhtAct07=1 AND RANGE(ftbllocc,1,28) AND FtBllTim ge 30) Adsp10b=Adsp10b+ftbllocc.
IF (Whtact07=1 AND RANGE(ftbllocc,1,28)) AND FtBllTim=10
Adsp10b=Adsp10b+(ftbllocc/3.000).
IF (Whtact07=1 AND RANGE(ftbllocc,1,28)) AND FtBllTim=11
Adsp10b=Adsp10b+(ftbllocc/2.727).
IF (Whtact07=1 AND RANGE(ftbllocc,1,28)) AND FtBllTim=12
Adsp10b=Adsp10b+(ftbllocc/2.500).
IF (Whtact07=1 AND RANGE(ftbllocc,1,28)) AND FtBllTim=13
Adsp10b=Adsp10b+(ftbllocc/2.308).
IF (Whtact07=1 AND RANGE(ftbllocc,1,28)) AND FtBllTim=14
Adsp10b=Adsp10b+(ftbllocc/2.143).
IF (Whtact07=1 AND RANGE(ftbllocc,1,28)) AND FtBllTim=15 Adsp10b=Adsp10b+(ftbllocc/2).
IF (Whtact07=1 AND RANGE(ftbllocc,1,28)) AND FtBllTim=16
Adsp10b=Adsp10b+(ftbllocc/1.875).
IF (Whtact07=1 AND RANGE(ftbllocc,1,28)) AND FtBllTim=17
Adsp10b=Adsp10b+(ftbllocc/1.764).
IF (Whtact07=1 AND RANGE(ftbllocc,1,28)) AND FtBllTim=18
Adsp10b=Adsp10b+(ftbllocc/1.666).
IF (Whtact07=1 AND RANGE(ftbllocc,1,28)) AND FtBllTim=19
Adsp10b=Adsp10b+(ftbllocc/1.578).
IF (Whtact07=1 AND RANGE(ftbllocc,1,28)) AND FtBllTim=20 Adsp10b=Adsp10b+(ftbllocc/1.5).
IF (Whtact07=1 AND RANGE(ftbllocc,1,28)) AND FtBllTim=21
Adsp10b=Adsp10b+(ftbllocc/1.428).
IF (Whtact07=1 AND RANGE(ftbllocc,1,28)) AND FtBllTim=22
Adsp10b=Adsp10b+(ftbllocc/1.363).
IF (Whtact07=1 AND RANGE(ftbllocc,1,28)) AND FtBllTim=23
Adsp10b=Adsp10b+(ftbllocc/1.304).
IF (Whtact07=1 AND RANGE(ftbllocc,1,28)) AND FtBllTim=24 Adsp10b=Adsp10b+(ftbllocc/1.25).
IF (Whtact07=1 AND RANGE(ftbllocc,1,28)) AND FtBllTim=25 Adsp10b=Adsp10b+(ftbllocc/1.2).
IF (Whtact07=1 AND RANGE(ftbllocc,1,28)) AND FtBllTim=26 Adsp10b=Adsp10b+(ftbllocc/1.15).
IF (Whtact07=1 AND RANGE(ftbllocc,1,28)) AND FtBllTim=27
Adsp10b=Adsp10b+(ftbllocc/1.111).
IF (Whtact07=1 AND RANGE(ftbllocc,1,28)) AND FtBllTim=28
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Adsp10b=Adsp10b+(ftbllocc/1.071).
IF (Whtact07=1 AND RANGE(ftbllocc,1,28)) AND FtBllTim=29
Adsp10b=Adsp10b+(ftbllocc/1.034).

IF (WhtAct08=1 AND RANGE(tennocc,1,28) AND TennTim ge 30) Adsp10b=Adsp10b+tennocc.
IF (Whtact08=1 AND RANGE(tennocc,1,28)) AND TennTim=10
Adsp10b=Adsp10b+(tennocc/3.000).
IF (Whtact08=1 AND RANGE(tennocc,1,28)) AND TennTim=11
Adsp10b=Adsp10b+(tennocc/2.727).
IF (Whtact08=1 AND RANGE(tennocc,1,28)) AND TennTim=12
Adsp10b=Adsp10b+(tennocc/2.500).
IF (Whtact08=1 AND RANGE(tennocc,1,28)) AND TennTim=13
Adsp10b=Adsp10b+(tennocc/2.308).
IF (Whtact08=1 AND RANGE(tennocc,1,28)) AND TennTim=14
Adsp10b=Adsp10b+(tennocc/2.143).
IF (Whtact08=1 AND RANGE(tennocc,1,28)) AND TennTim=15 Adsp10b=Adsp10b+(tennocc/2).
IF (Whtact08=1 AND RANGE(tennocc,1,28)) AND TennTim=16
Adsp10b=Adsp10b+(tennocc/1.875).
IF (Whtact08=1 AND RANGE(tennocc,1,28)) AND TennTim=17
Adsp10b=Adsp10b+(tennocc/1.764).
IF (Whtact08=1 AND RANGE(tennocc,1,28)) AND TennTim=18
Adsp10b=Adsp10b+(tennocc/1.666).
IF (Whtact08=1 AND RANGE(tennocc,1,28)) AND TennTim=19
Adsp10b=Adsp10b+(tennocc/1.578).
IF (Whtact08=1 AND RANGE(tennocc,1,28)) AND TennTim=20
Adsp10b=Adsp10b+(tennocc/1.5).
IF (Whtact08=1 AND RANGE(tennocc,1,28)) AND TennTim=21
Adsp10b=Adsp10b+(tennocc/1.428).
IF (Whtact08=1 AND RANGE(tennocc,1,28)) AND TennTim=22
Adsp10b=Adsp10b+(tennocc/1.363).
IF (Whtact08=1 AND RANGE(tennocc,1,28)) AND TennTim=23
Adsp10b=Adsp10b+(tennocc/1.304).
IF (Whtact08=1 AND RANGE(tennocc,1,28)) AND TennTim=24
Adsp10b=Adsp10b+(tennocc/1.25).
IF (Whtact08=1 AND RANGE(tennocc,1,28)) AND TennTim=25
Adsp10b=Adsp10b+(tennocc/1.2).
IF (Whtact08=1 AND RANGE(tennocc,1,28)) AND TennTim=26
Adsp10b=Adsp10b+(tennocc/1.15).
IF (Whtact08=1 AND RANGE(tennocc,1,28)) AND TennTim=27
Adsp10b=Adsp10b+(tennocc/1.111).
IF (Whtact08=1 AND RANGE(tennocc,1,28)) AND TennTim=28
Adsp10b=Adsp10b+(tennocc/1.071).
IF (Whtact08=1 AND RANGE(tennocc,1,28)) AND TennTim=29
Adsp10b=Adsp10b+(tennocc/1.034).

IF (WhtAct09=1 AND RANGE(squasocc,1,28) AND SquasTim ge 30)
Adsp10b=Adsp10b+squasocc.
IF (Whtact09=1 AND RANGE(squasocc,1,28)) AND SquasTim=10
Adsp10b=Adsp10b+(squasocc/3.000).
IF (Whtact09=1 AND RANGE(squasocc,1,28)) AND SquasTim=11
Adsp10b=Adsp10b+(squasocc/2.727).
IF (Whtact09=1 AND RANGE(squasocc,1,28)) AND SquasTim=12
Adsp10b=Adsp10b+(squasocc/2.500).
IF (Whtact09=1 AND RANGE(squasocc,1,28)) AND SquasTim=13
Adsp10b=Adsp10b+(squasocc/2.308).
IF (Whtact09=1 AND RANGE(squasocc,1,28)) AND SquasTim=14
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Adsp10b=Adsp10b+(squasocc/2.143).
IF (Whtact09=1 AND RANGE(squasocc,1,28)) AND SquasTim=15
Adsp10b=Adsp10b+(squasocc/2).
IF (Whtact09=1 AND RANGE(squasocc,1,28)) AND SquasTim=16
Adsp10b=Adsp10b+(squasocc/1.875).
IF (Whtact09=1 AND RANGE(squasocc,1,28)) AND SquasTim=17
Adsp10b=Adsp10b+(squasocc/1.764).
IF (Whtact09=1 AND RANGE(squasocc,1,28)) AND SquasTim=18
Adsp10b=Adsp10b+(squasocc/1.666).
IF (Whtact09=1 AND RANGE(squasocc,1,28)) AND SquasTim=19
Adsp10b=Adsp10b+(squasocc/1.578).
IF (Whtact09=1 AND RANGE(squasocc,1,28)) AND SquasTim=20
Adsp10b=Adsp10b+(squasocc/1.5).
IF (Whtact09=1 AND RANGE(squasocc,1,28)) AND SquasTim=21
Adsp10b=Adsp10b+(squasocc/1.428).
IF (Whtact09=1 AND RANGE(squasocc,1,28)) AND SquasTim=22
Adsp10b=Adsp10b+(squasocc/1.363).
IF (Whtact09=1 AND RANGE(squasocc,1,28)) AND SquasTim=23
Adsp10b=Adsp10b+(squasocc/1.304).
IF (Whtact09=1 AND RANGE(squasocc,1,28)) AND SquasTim=24
Adsp10b=Adsp10b+(squasocc/1.25).
IF (Whtact09=1 AND RANGE(squasocc,1,28)) AND SquasTim=25
Adsp10b=Adsp10b+(squasocc/1.2).
IF (Whtact09=1 AND RANGE(squasocc,1,28)) AND SquasTim=26
Adsp10b=Adsp10b+(squasocc/1.15).
IF (Whtact09=1 AND RANGE(squasocc,1,28)) AND SquasTim=27
Adsp10b=Adsp10b+(squasocc/1.111).
IF (Whtact09=1 AND RANGE(squasocc,1,28)) AND SquasTim=28
Adsp10b=Adsp10b+(squasocc/1.071).
IF (Whtact09=1 AND RANGE(squasocc,1,28)) AND SquasTim=29
Adsp10b=Adsp10b+(squasocc/1.034).

IF (WhtAct10=1 AND RANGE(exocc,1,28)) AND Exeff=1 AND ExTim ge 30
Adsp10b=Adsp10b+exocc.
IF (Whtact10=1 AND RANGE(exocc,1,28)) AND Exeff=1 AND ExTim=10
Adsp10b=Adsp10b+(exocc/3.000).
IF (Whtact10=1 AND RANGE(exocc,1,28)) AND Exeff=1 AND ExTim=11
Adsp10b=Adsp10b+(exocc/2.727).
IF (Whtact10=1 AND RANGE(exocc,1,28)) AND Exeff=1 AND ExTim=12
Adsp10b=Adsp10b+(exocc/2.500).
IF (Whtact10=1 AND RANGE(exocc,1,28)) AND Exeff=1 AND ExTim=13
Adsp10b=Adsp10b+(exocc/2.308).
IF (Whtact10=1 AND RANGE(exocc,1,28)) AND Exeff=1 AND ExTim=14
Adsp10b=Adsp10b+(exocc/2.143).
IF (Whtact10=1 AND RANGE(exocc,1,28)) AND Exeff=1 AND ExTim=15
Adsp10b=Adsp10b+(exocc/2).
IF (Whtact10=1 AND RANGE(exocc,1,28)) AND Exeff=1 AND ExTim=16
Adsp10b=Adsp10b+(exocc/1.875).
IF (Whtact10=1 AND RANGE(exocc,1,28)) AND Exeff=1 AND ExTim=17
Adsp10b=Adsp10b+(exocc/1.764).
IF (Whtact10=1 AND RANGE(exocc,1,28)) AND Exeff=1 AND ExTim=18
Adsp10b=Adsp10b+(exocc/1.666).
IF (Whtact10=1 AND RANGE(exocc,1,28)) AND Exeff=1 AND ExTim=19
Adsp10b=Adsp10b+(exocc/1.578).
IF (Whtact10=1 AND RANGE(exocc,1,28)) AND Exeff=1 AND ExTim=20
Adsp10b=Adsp10b+(exocc/1.5).
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IF (Whtact10=1 AND RANGE(exocc,1,28)) AND Exeff=1 AND ExTim=21
Adsp10b=Adsp10b+(exocc/1.428).
IF (Whtact10=1 AND RANGE(exocc,1,28)) AND Exeff=1 AND ExTim=22
Adsp10b=Adsp10b+(exocc/1.363).
IF (Whtact10=1 AND RANGE(exocc,1,28)) AND Exeff=1 AND ExTim=23
Adsp10b=Adsp10b+(exocc/1.304).
IF (Whtact10=1 AND RANGE(exocc,1,28)) AND Exeff=1 AND ExTim=24
Adsp10b=Adsp10b+(exocc/1.25).
IF (Whtact10=1 AND RANGE(exocc,1,28)) AND Exeff=1 AND ExTim=25
Adsp10b=Adsp10b+(exocc/1.2).
IF (Whtact10=1 AND RANGE(exocc,1,28)) AND Exeff=1 AND ExTim=26
Adsp10b=Adsp10b+(exocc/1.15).
IF (Whtact10=1 AND RANGE(exocc,1,28)) AND Exeff=1 AND ExTim=27
Adsp10b=Adsp10b+(exocc/1.111).
IF (Whtact10=1 AND RANGE(exocc,1,28)) AND Exeff=1 AND ExTim=28
Adsp10b=Adsp10b+(exocc/1.071).
IF (Whtact10=1 AND RANGE(exocc,1,28)) AND Exeff=1 AND ExTim=29
Adsp10b=Adsp10b+(exocc/1.034).


IF (actaX=2 AND range(actaocc,1,28) AND actatim ge 30 AND actaeff=1) Adsp10b=
Adsp10b+actaocc.
IF (actaX=2 AND RANGE(actaocc,1,28) AND Actatim =10 AND actaeff=1)
Adsp10b=Adsp10b+(actaocc/3.000).
IF (actaX=2 AND RANGE(actaocc,1,28) AND Actatim =11 AND actaeff=1)
Adsp10b=Adsp10b+(actaocc/2.727).
IF (actaX=2 AND RANGE(actaocc,1,28) AND Actatim =12 AND actaeff=1)
Adsp10b=Adsp10b+(actaocc/2.500).
IF (actaX=2 AND RANGE(actaocc,1,28) AND Actatim =13 AND actaeff=1)
Adsp10b=Adsp10b+(actaocc/2.308).
IF (actaX=2 AND RANGE(actaocc,1,28) AND Actatim =14 AND actaeff=1)
Adsp10b=Adsp10b+(actaocc/2.143).
IF (actaX=2 AND RANGE(actaocc,1,28) AND Actatim =15 AND actaeff=1)
Adsp10b=Adsp10b+(actaocc/2).
IF (actaX=2 AND RANGE(actaocc,1,28) AND Actatim =16 AND actaeff=1)
Adsp10b=Adsp10b+(actaocc/1.875).
IF (actaX=2 AND RANGE(actaocc,1,28) AND Actatim =17 AND actaeff=1)
Adsp10b=Adsp10b+(actaocc/1.764).
IF (actaX=2 AND RANGE(actaocc,1,28) AND Actatim =18 AND actaeff=1)
Adsp10b=Adsp10b+(actaocc/1.666).
IF (actaX=2 AND RANGE(actaocc,1,28) AND Actatim =19 AND actaeff=1)
Adsp10b=Adsp10b+(actaocc/1.578).
IF (actaX=2 AND RANGE(actaocc,1,28) AND Actatim =20 AND actaeff=1)
Adsp10b=Adsp10b+(actaocc/1.5).
IF (actaX=2 AND RANGE(actaocc,1,28) AND Actatim =21 AND actaeff=1)
Adsp10b=Adsp10b+(actaocc/1.428).
IF (actaX=2 AND RANGE(actaocc,1,28) AND Actatim =22 AND actaeff=1)
Adsp10b=Adsp10b+(actaocc/1.363).
IF (actaX=2 AND RANGE(actaocc,1,28) AND Actatim =23 AND actaeff=1)
Adsp10b=Adsp10b+(actaocc/1.304).
IF (actaX=2 AND RANGE(actaocc,1,28) AND Actatim =24 AND actaeff=1)
Adsp10b=Adsp10b+(actaocc/1.25).
IF (actaX=2 AND RANGE(actaocc,1,28) AND Actatim =25 AND actaeff=1)
Adsp10b=Adsp10b+(actaocc/1.2).
IF (actaX=2 AND RANGE(actaocc,1,28) AND Actatim =26 AND actaeff=1)
Adsp10b=Adsp10b+(actaocc/1.15).
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IF (actaX=2 AND RANGE(actaocc,1,28) AND Actatim =27 AND actaeff=1)
Adsp10b=Adsp10b+(actaocc/1.111).
IF (actaX=2 AND RANGE(actaocc,1,28) AND Actatim =28 AND actaeff=1)
Adsp10b=Adsp10b+(actaocc/1.071).
IF (actaX=2 AND RANGE(actaocc,1,28) AND Actatim =29 AND actaeff=1)
Adsp10b=Adsp10b+(actaocc/1.034).

IF (any(actaX,3,4,5) AND range(actaocc,1,28) AND actatim ge 30) Adsp10b= Adsp10b+actaocc.
IF (any(actaX,3,4,5) AND RANGE(actaocc,1,28) AND Actatim =10)
Adsp10b=Adsp10b+(actaocc/3.000).
IF (any(actaX,3,4,5) AND RANGE(actaocc,1,28) AND Actatim =11)
Adsp10b=Adsp10b+(actaocc/2.727).
IF (any(actaX,3,4,5) AND RANGE(actaocc,1,28) AND Actatim =12)
Adsp10b=Adsp10b+(actaocc/2.500).
IF (any(actaX,3,4,5) AND RANGE(actaocc,1,28) AND Actatim =13)
Adsp10b=Adsp10b+(actaocc/2.308).
IF (any(actaX,3,4,5) AND RANGE(actaocc,1,28) AND Actatim =14)
Adsp10b=Adsp10b+(actaocc/2.143).
IF (any(actaX,3,4,5) AND RANGE(actaocc,1,28) AND Actatim =15)
Adsp10b=Adsp10b+(actaocc/2).
IF (any(actaX,3,4,5) AND RANGE(actaocc,1,28) AND Actatim =16)
Adsp10b=Adsp10b+(actaocc/1.875).
IF (any(actaX,3,4,5) AND RANGE(actaocc,1,28) AND Actatim =17)
Adsp10b=Adsp10b+(actaocc/1.764).
IF (any(actaX,3,4,5) AND RANGE(actaocc,1,28) AND Actatim =18)
Adsp10b=Adsp10b+(actaocc/1.666).
IF (any(actaX,3,4,5) AND RANGE(actaocc,1,28) AND Actatim =19)
Adsp10b=Adsp10b+(actaocc/1.578).
IF (any(actaX,3,4,5) AND RANGE(actaocc,1,28) AND Actatim =20)
Adsp10b=Adsp10b+(actaocc/1.5).
IF (any(actaX,3,4,5) AND RANGE(actaocc,1,28) AND Actatim =21)
Adsp10b=Adsp10b+(actaocc/1.428).
IF (any(actaX,3,4,5) AND RANGE(actaocc,1,28) AND Actatim =22)
Adsp10b=Adsp10b+(actaocc/1.363).
IF (any(actaX,3,4,5) AND RANGE(actaocc,1,28) AND Actatim =23)
Adsp10b=Adsp10b+(actaocc/1.304).
IF (any(actaX,3,4,5) AND RANGE(actaocc,1,28) AND Actatim =24)
Adsp10b=Adsp10b+(actaocc/1.25).
IF (any(actaX,3,4,5) AND RANGE(actaocc,1,28) AND Actatim =25)
Adsp10b=Adsp10b+(actaocc/1.2).
IF (any(actaX,3,4,5) AND RANGE(actaocc,1,28) AND Actatim =26)
Adsp10b=Adsp10b+(actaocc/1.15).
IF (any(actaX,3,4,5) AND RANGE(actaocc,1,28) AND Actatim =27)
Adsp10b=Adsp10b+(actaocc/1.111).
IF (any(actaX,3,4,5) AND RANGE(actaocc,1,28) AND Actatim =28)
Adsp10b=Adsp10b+(actaocc/1.071).
IF (any(actaX,3,4,5) AND RANGE(actaocc,1,28) AND Actatim =29)
Adsp10b=Adsp10b+(actaocc/1.034).

IF (actbX=2 AND RANGE(actbocc,1,28) AND actbtim ge 30 AND actBeff=1) Adsp10b=
Adsp10b+actBocc.
IF (actbX=2 AND RANGE(actbocc,1,28) AND Actbtim =10 AND actBeff=1)
Adsp10b=Adsp10b+(actBocc/3.000).
IF (actbX=2 AND RANGE(actbocc,1,28) AND Actbtim =11 AND actBeff=1)
Adsp10b=Adsp10b+(actBocc/2.727).
IF (actbX=2 AND RANGE(actbocc,1,28) AND Actbtim =12 AND actBeff=1)
```

```
Adsp10b=Adsp10b+(actBocc/2.500).
IF (actbX=2 AND RANGE(actbocc,1,28) AND Actbtim =13 AND actBeff=1)
Adsp10b=Adsp10b+(actBocc/2.308).
IF (actbX=2 AND RANGE(actbocc,1,28) AND Actbtim =14 AND actBeff=1)
Adsp10b=Adsp10b+(actBocc/2.143).
IF (actbX=2 AND RANGE(actbocc,1,28) AND Actbtim =15 AND actBeff=1)
Adsp10b=Adsp10b+(actBocc/2).
IF (actbX=2 AND RANGE(actbocc,1,28) AND Actbtim =16 AND actBeff=1)
Adsp10b=Adsp10b+(actBocc/1.875).
IF (actbX=2 AND RANGE(actbocc,1,28) AND Actbtim =17 AND actBeff=1)
Adsp10b=Adsp10b+(actBocc/1.764).
IF (actbX=2 AND RANGE(actbocc,1,28) AND Actbtim =18 AND actBeff=1)
Adsp10b=Adsp10b+(actBocc/1.666).
IF (actbX=2 AND RANGE(actbocc,1,28) AND Actbtim =19 AND actBeff=1)
Adsp10b=Adsp10b+(actBocc/1.578).
IF (actbX=2 AND RANGE(actbocc,1,28) AND Actbtim =20 AND actBeff=1)
Adsp10b=Adsp10b+(actBocc/1.5).
IF (actbX=2 AND RANGE(actbocc,1,28) AND Actbtim =21 AND actBeff=1)
Adsp10b=Adsp10b+(actBocc/1.428).
IF (actbX=2 AND RANGE(actbocc,1,28) AND Actbtim =22 AND actBeff=1)
Adsp10b=Adsp10b+(actBocc/1.363).
IF (actbX=2 AND RANGE(actbocc,1,28) AND Actbtim =23 AND actBeff=1)
Adsp10b=Adsp10b+(actBocc/1.304).
IF (actbX=2 AND RANGE(actbocc,1,28) AND Actbtim =24 AND actBeff=1)
Adsp10b=Adsp10b+(actBocc/1.25).
IF (actbX=2 AND RANGE(actbocc,1,28) AND Actbtim =25 AND actBeff=1)
Adsp10b=Adsp10b+(actBocc/1.2).
IF (actbX=2 AND RANGE(actbocc,1,28) AND Actbtim =26 AND actBeff=1)
Adsp10b=Adsp10b+(actBocc/1.15).
IF (actbX=2 AND RANGE(actbocc,1,28) AND Actbtim =27 AND actBeff=1)
Adsp10b=Adsp10b+(actBocc/1.111).
IF (actbX=2 AND RANGE(actbocc,1,28) AND Actbtim =28 AND actBeff=1)
Adsp10b=Adsp10b+(actBocc/1.071).
IF (actbX=2 AND RANGE(actbocc,1,28) AND Actbtim =29 AND actBeff=1)
Adsp10b=Adsp10b+(actBocc/1.034).

IF (any(actbX,3,4,5) AND RANGE(actbocc,1,28) AND actbtim ge 30) Adsp10b=
Adsp10b+actbocc.
IF (any(actbX,3,4,5) AND RANGE(actbocc,1,28) AND Actbtim =10)
Adsp10b=Adsp10b+(actBocc/3.000).
IF (any(actbX,3,4,5) AND RANGE(actbocc,1,28) AND Actbtim =11)
Adsp10b=Adsp10b+(actBocc/2.727).
IF (any(actbX,3,4,5) AND RANGE(actbocc,1,28) AND Actbtim =12)
Adsp10b=Adsp10b+(actBocc/2.500).
IF (any(actbX,3,4,5) AND RANGE(actbocc,1,28) AND Actbtim =13)
Adsp10b=Adsp10b+(actBocc/2.308).
IF (any(actbX,3,4,5) AND RANGE(actbocc,1,28) AND Actbtim =14)
Adsp10b=Adsp10b+(actBocc/2.143).
IF (any(actbX,3,4,5) AND RANGE(actbocc,1,28) AND Actbtim =15)
Adsp10b=Adsp10b+(actBocc/2).
IF (any(actbX,3,4,5) AND RANGE(actbocc,1,28) AND Actbtim =16)
Adsp10b=Adsp10b+(actBocc/1.875).
IF (any(actbX,3,4,5) AND RANGE(actbocc,1,28) AND Actbtim =17)
Adsp10b=Adsp10b+(actBocc/1.764).
IF (any(actbX,3,4,5) AND RANGE(actbocc,1,28) AND Actbtim =18)
Adsp10b=Adsp10b+(actBocc/1.666).
```

```
IF (any(actbX,3,4,5) AND RANGE(actbocc,1,28) AND Actbtim =19)
Adsp10b=Adsp10b+(actBocc/1.578).
IF (any(actbX,3,4,5) AND RANGE(actbocc,1,28) AND Actbtim =20)
Adsp10b=Adsp10b+(actBocc/1.5).
IF (any(actbX,3,4,5) AND RANGE(actbocc,1,28) AND Actbtim =21)
Adsp10b=Adsp10b+(actBocc/1.428).
IF (any(actbX,3,4,5) AND RANGE(actbocc,1,28) AND Actbtim =22)
Adsp10b=Adsp10b+(actBocc/1.363).
IF (any(actbX,3,4,5) AND RANGE(actbocc,1,28) AND Actbtim =23)
Adsp10b=Adsp10b+(actBocc/1.304).
IF (any(actbX,3,4,5) AND RANGE(actbocc,1,28) AND Actbtim =24)
Adsp10b=Adsp10b+(actBocc/1.25).
IF (any(actbX,3,4,5) AND RANGE(actbocc,1,28) AND Actbtim =25)
Adsp10b=Adsp10b+(actBocc/1.2).
IF (any(actbX,3,4,5) AND RANGE(actbocc,1,28) AND Actbtim =26)
Adsp10b=Adsp10b+(actBocc/1.15).
IF (any(actbX,3,4,5) AND RANGE(actbocc,1,28) AND Actbtim =27)
Adsp10b=Adsp10b+(actBocc/1.111).
IF (any(actbX,3,4,5) AND RANGE(actbocc,1,28) AND Actbtim =28)
Adsp10b=Adsp10b+(actBocc/1.071).
IF (any(actbX,3,4,5) AND RANGE(actbocc,1,28) AND Actbtim =29)
Adsp10b=Adsp10b+(actBocc/1.034).

IF RANGE(age,0,15) Adsp10b=-2.

VAR LAB Adsp10b '(D) Number of occasions sports 30 mins + , including 10-29 min sessions'.
value labels Adsp10b -9 "Refused/not answered" -8 "Don't know" -6 "Schedule not obtained"
-2 "Schedule not applicable" -1 "Item not applicable".
execute.

* NUMBER OF DAYS ALL ACTIVITIES - ADULTS.

COMPUTE adtot10b=0.
IF RANGE(Adsp10b,1,300) adtot10b = adtot10b +Adsp10b.
IF RANGE(adwlk10bX,1,28) adtot10b = adtot10b +adwlk10bX.
IF RANGE(adman10b,1,28) adtot10b = adtot10b +adman10b.
IF RANGE(adhse10b,1,28) adtot10b = adtot10b+adhse10b.
IF active=1 AND ftptime=1 adtot10b = adtot10b +20.
IF ACTIVE=1 AND ftptime ne 1 adtot10b = adtot10b +12.
RECODE adtot10b (28 thru hi=28).
IF any(-9,housewrk, hwrklist, heavyday, hwtim, garden, gardlist, manwork,mandays,
diytim,wlk5int, wlk10m, tottim, DayWlk10) adtot10b =-9.
IF any (-8, housewrk, hwrklist, heavyday, hwtim, garden, gardlist, manwork,mandays,
diytim,wlk5int, wlk10m, tottim, DayWlk10) adtot10b =-8.
IF RANGE(age,0,15) adtot10b=-2.
VAR LAB adtot10b '(D) Total number of days active 30 mins +, 10-29 min sessions included'.
value labels adtot10b
-9 "Refused/not answered" -8 "Don't know" -6 "Schedule not obtained" -2 "Schedule not
applicable" -1 "Item not applicable".

*NUMBER OF DAYS PER WEEK (GROUPED).

recode adtot10b  (1 thru 3.5=1) (3.5001 thru 11.5=2) (11.5001 thru 19.5=3) (19.501 thru hi=4)
 (else=copy) INTO adtot10c.
variable label adtot10c '(D) Number of days per week any activities 30 mins +, 10-29 min
sessions included'.
```

```
value labels adtot10c
-9 "Refused/not answered" -8 "Don't know" -6 "Schedule not obtained" -2 "Schedule not
applicable" -1 "Item not applicable"  0 'None'  1 'Less than 1'  2 '1 or 2 a week'  3 '3 or 4 a week'  4
'5 or more a week'.

*SUMMARY ACTIVITY LEVEL.

RECODE adtot10c (0,1=1) (2,3=2) (4=3) (else=copy) INTO adt10gp.
variable label adt10gp '(D) Summary activity level, 10-29 min sessions included - PRE 2011
RECOMMENDATIONS'.
value labels adt10gp
-9 "Refused/not answered"
-8 "Don't know"
-6 "Schedule not obtained"
-2 "Schedule not applicable"
-1 "Item not applicable"
 1 'Low'
 2 'Medium'
 3 'High'.
```

INDIVIDUAL SPORTS FOR TABLES

whtac01a:(D) Activity: Swimming - ALL 16+
whtac02a:(D) Activity: Cycling ALL 16+
whtac03a:(D) Activity: Workout at a gym/Exercise bike/ Weight training ALL 16+
whtac04a:(D) Activity: Aerobics/Keep fit/Gymnastics/ Dance for fitness ALL 16+
whtac05a:(D) Activity: Any other type of dancing ALL 16+
whtac06a:(D) Activity: Running/jogging ALL 16+
whtac07a:(D) Activity: Football/rugby ALL 16+
whtac08a:(D) Activity: Badminton/tennis ALL 16+
whtac10a:(D) Activity: Exercises (e.g. press-ups, sit ups) ALL 16+
whtacAoth: (D) Activity: Any other sport or exercise - section 1
WhtAcB1a:(D) Bowls
WhtAcB2a:(D) Fishing/angling
WhtAcB3a:(D) Golf
WhtAcB4a:(D) Hillwalking/rambling
WhtAcB5a:(D) Snooker/billiards/pool
WhtAcB6a:(D) Aqua-robics/aquafit/exercise class in water
WhtAcB7a:(D) Yoga/pilates
WhtAcB8a:(D) Athletics
WhtAcB9a:(D) Basketball
WhtAcB10a:(D) Canoeing/Kayaking
WhtAcB11a:(D) Climbing
WhtAcB15a:(D) Horse riding
WhtAcB17a:(D) Martial arts including Tai Chi
WhtAcB18a: (D) Netball
WhtAcB20a:(D) Rowing
WhtAcB23a: (D) Skateboarding/inline skating
WhtAcB27a:(D) Table tennis
WhtAcB28a:(D) Tenpin bowling
WhtacBoth: (D) Activity: Any other sport or exercise - section 2
Whtacoth: (D) Activity: Any other sport or exercise - both sections
WhtAc0: (D) No sports reported - both sections

```
* DVs for web tables
* Adult sport participation, by age and sex.
* change questionnaire responses so that base is all 16+.
* Needs amending every year to take account of most mentioned sports

freq whtact01 to whtact10.

cro whtact01 by actphy.

temp.
select if whtact01=-1 and actphy=-1.
freq iout.

DO REPEAT x=whtact01 whtact02 whtact03 whtact04 whtact05 whtact06 whtact07 whtact08
whtact10
/y=whtac01a whtac02a whtac03a whtac04a whtac05a whtac06a whtac07a whtac08a whtac10a .
     COMPUTE y=x.
     DO IF actphy=2.
```

```
          RECODE y (-1=0).
     END IF.
END REPEAT.
EXECUTE.

cro whtact01  by whtac01a by actphy.

var labels whtac01a       "(D) Activity: Swimming - ALL 16+"
whtac02a          "(D) Activity: Cycling  ALL 16+"
whtac03a          "(D) Activity: Workout at a gym/Exercise bike/ Weight training ALL 16+"
whtac04a          "(D) Activity: Aerobics/Keep fit/Gymnastics/ Dance for fitness ALL 16+"
whtac05a          "(D) Activity: Any other type of dancing ALL 16+"
whtac06a          "(D) Activity: Running/jogging ALL 16+"
whtac07a          "(D) Activity: Football/rugby ALL 16+"
whtac08a          "(D) Activity: Badminton/tennis ALL 16+"
whtac10a          "(D) Activity: Exercises (e.g. press-ups, sit ups) ALL 16+"

value labels whtac01a to whtac10a 1 "mentioned" 0 "not mentioned" -1 "item not applicable" -2
"Schedule not applicable" -8"don't know" -9 "refused" .
fre whtac01a to whtac10a.

*  data in OActQ11 and OActQ12 and OActQ13. NB these as 1=yes 2=no variables.

freq OActQ11
OActQ12
OActQ13
OActQ14
OActQ15
OActQ16.

compute whtacAoth=0.
if any (1, OActQ11 to OActQ16) whtacAoth=1.
if whtac01a lt 0 whtacAoth=whtac01a.
if age lt 16 whtacAoth=-2.
var label whtacAoth "(D) Activity: Any other sport or exercise - section 1".
value labels whtacAoth 1 "mentioned" 0 "not mentioned" -1 "item not applicable" -2 "Schedule not
applicable" -8"don't know" -9 "refused" .
fre whtacAoth.

* checks **********************************.

temp.
select if whtacAoth =1.
list OActQ11 to OActQ16.

temp.
select if whtacAoth =1.
list WHTACT11.

cro  whtacAoth by actphy.

TEMPORARY.
select if whtacAoth=1 and actphy=2.
list OActQ11 to OActQ16.

* can be 1 even if actphy=2.
```

```
*** SECTION 2.
DO IF age lt 16.
RECODE WhtAcB0 to WhtAcB30 (-1=-2).
END IF.
exe.

add value labels WhtAcB0  to WhtAcB30 -2 "Schedule not applicable".
* individual sports for tables.

***** sorting out 'other sports' for tables.
***** largest categories stay in, rest get grouped as 'other' THIS  WILL CHANGE EACH YEAR.
* first run frequencies for WhtAcb - those that are 0.5 or more - whtacb*a var created. Those that
are less go into whtacoth

weight by int16wt.

fre whtacb1 to whtacb30.

missing values whtacb1 to whtacb30 ().

weight off.

** update based on frequencies
** all that have 0.5 or more – 'a' version of variable created.

compute WhtAcB1a=WhtAcB1.
compute WhtAcB2a=WhtAcB2.
compute WhtAcB3a=WhtAcB3.
compute WhtAcB4a=WhtAcB4.
compute WhtAcB5a=WhtAcB5.
compute WhtAcB6a=WhtAcB6.
compute WhtAcB7a=WhtAcB7.
compute WhtAcB8a=WhtAcB8.
compute WhtAcB9a=WhtAcB9.
compute WhtAcB10a=WhtAcB10.
compute WhtAcB11a=WhtAcB11.
compute WhtAcB15a=WhtAcB15.
compute WhtAcB17a=WhtAcB17.
compute WhtAcB18a=WhtAcB18.
compute WhtAcB20a=WhtAcB20.
compute WhtAcB23a=WhtAcB23.
compute WhtAcB27a=WhtAcB27.
compute WhtAcB28a=WhtAcB28.

var labels WhtAcB1a "(D) Bowls".
var labels WhtAcB2a "(D) Fishing/angling".
var labels WhtAcB3a "(D) Golf".
var labels WhtAcB4a "(D) Hillwalking/rambling".
var labels WhtAcB5a "(D) Snooker/billiards/pool".
var labels WhtAcB6a "(D) Aqua-robics/aquafit/exercise class in water".
var labels WhtAcB7a "(D) Yoga/pilates".
var labels WhtAcB8a "(D) Athletics".
var labels WhtAcB9a "(D) Basketball".
var labels WhtAcB10a "(D) Canoeing/Kayaking".
var labels WhtAcB11a "(D) Climbing".
```

```
var labels WhtAcB15a "(D) Horse riding".
var labels WhtAcB17a "(D) Martial arts including Tai Chi".
var labels WhtAcB18a "(D) Netball".
var labels WhtAcB20a "(D) Rowing".
var labels WhtAcB23a "(D) Skateboarding/inline skating".
var labels WhtAcB27a "(D) Table tennis".
var labels WhtAcB28a "(D) Tenpin bowling".
exe.

Value labels WhtAcB1a to WhtAcB28a -9  "Refused" -8  "Don't know" -2 "Schedule not
applicable" -1  "Item not applicable" 0  "Not mentioned" 1  "Mentioned".

* create other - update and add in those that are less than 0.5%

compute WhtacBoth=0.
If Any (1,WhtAcB12, WhtAcB13, WhtAcB18, WhtAcB19,WhtAcB21,
          WhtAcB22, WhtAcB23, WhtAcB25, WhtAcB26, WhtAcB29, WhtAcB30) WhtacBoth=1.

compute whtacoth =0.
If Any (1, whtacAoth,whtacBoth) whtacoth =1.
if whtacAoth lt 0 whtacoth=whtacAoth.
var label Whtacoth "(D) Activity: Any other sport or exercise - both sections ".
value labels whtacoth 1 "mentioned" 0 "not mentioned" -1 "item not applicable" -2 "Schedule not
applicable" -8"don't know" -9 "refused" .
fre whtacoth.

* NO SPORT AT ALL.
* line 3 added because some cases had =2 but had mentioned other sports at otact11-16,
cro WhtAcB0 by actphy.

compute WhtAc0=0.
if WhtAcB0=1 AND actphy=2 WhtAc0=1.
if actphy=2 and whtacAoth=1 WhtAc0=0.
if whtacb0 =1 and WhtacBoth = 1 whtac0 = 0.
if age lt 16 whtac0 = -2.
exe.

var labels WhtAc0  "(D) No sports reported - both sections".
value labels WhtAc0 1"No sports reported at all"
                                0"Sports reported"
                                -1 "Not applicable"
                                 -2 "Schedule not applicable".

freq WhtAc0.

do if age lt 16.
recode whtac01a to whtac10a whtacAoth WhtAcB1a to   WhtAcB28a WhtacBoth whtacoth
WhtAc0 (-1 =-2).
end if.
```

CHILD PHYSICAL ACTIVITY

ch15wlkb: (D) Children: Days last week 15+min brisk walk
ch15wlkg: (D) Children: Days last week 15+min brisk walk (grouped)
ch15hwk: (D) Children: Days last week 15+min housewk/gardening
ch15hwkg: (D) Children: Days last week 15+min housewk/gardening (grouped)
ch15ply: (D) Children: Days last week 15+min active play
ch15plyg: (D) Children: Days last week 15+min active play (grouped)
ch30ply: (D) Children: Days last week 30+min active play
ch30plyg: (D) Children: Days last week 30+min active play (grouped)
ch15spt: (D) Children: Days last week 15+min sport
ch15sptg: (D) Children: Days last week 15+min sport (grouped)
ch30spt: (D) Children: Days last week 30+min sport
ch30sptg: (D) Children: Days last week 30+min sport (grouped)
ch15act: (D) Children: Days last week 15+min sport+active play
ch15actg: (D) Children: Days last week 15+min sport+active play (grouped)
ch30act: (D) Children: Days last week 30+min sport+active play
ch30actg: (D) Children: Days last week 30+min sport+active play (grouped)
ch00tot: (D) Children: Days last week all activities - no time limits

```
**no. of days walked for at least 15 minutes at a time.

COMPUTE ch15wlkb=-1.
IF AGE>=16 | AGE LT 2 ch15wlkb=-2.
IF wlk5ch=2 ch15wlkb=0.
IF (RANGE(daywlkt,3,11) AND RANGE(dwlkchb,1,7)) ch15wlkb=dwlkchb.
IF (RANGE(daywlkt,1,2) AND RANGE(dwlkchb,1,7)) ch15wlkb=0.
IF ANY(-9,wlk5ch,dwlkchb,daywlkt)|ANY(-8,wlk5ch,dwlkchb,daywlkt) ch15wlkb=-8.
RECODE ch15wlkb (1,2=1) (3,4=3) (5,6,7=5) (else=copy) INTO ch15wlkg.
VARIABLE LABEL ch15wlkb '(D) Children: Days last week 15+min brisk walk'.
VARIABLE LABEL ch15wlkg
   '(D) Children: Days last week 15+min brisk walk (grouped)'.
VALUE LABELS ch15wlkg
 0 'None'
 1 '1 or 2'
 3 '3 or 4'
 5 '5 or more'.

** no. of days housework/gardening for at least 15 minutes a time.
** asked of 8-15 only!

COMPUTE ch15hwk=-1.
IF AGE>=16 | AGE LT 8  ch15hwk=-2.
IF hwkch=2 ch15hwk=0.
IF (RANGE(dhwkch,1,7)) ch15hwk=dhwkch.
IF ANY(-9,hwkch,dhwkch)|ANY(-8,hwkch,dhwkch) ch15hwk=-8.
RECODE ch15hwk (1,2=1) (3,4=3) (5,6,7=5) (else=copy) INTO ch15hwkg.
VARIABLE LABEL ch15hwk '(D) Children: Days last week 15+min housewk/gardening'.
VARIABLE LABEL ch15hwkg
  '(D) Children: Days last week 15+min housewk/gardening (grouped)'.
VALUE LABELS ch15hwkg
 0 'None'
 1 '1 or 2'
 3 '3 or 4'
```

```
 5 '5 or more'.

** no. of days did active play for at least 15 minutes a time.

COMPUTE ch15ply=0.
IF AGE>=16 | AGE lt 2 ch15ply=-2.
IF weactch=2 AND wkactch=0 ch15ply=0.
IF RANGE(lweact,3,11) AND ANY(dweactch,1,2) ch15ply=1.
IF RANGE(lweact,4,11) AND dweactch=3 ch15ply=2.
IF RANGE(lwkact,3,11) AND RANGE(wkactch,1,5) ch15ply=ch15ply + wkactch.
IF ANY(-8,weactch,lweact,dweactch,wkactch,lwkact)
   |ANY(-9,weactch,lweact,dweactch,wkactch,lwkact) ch15ply=-8.
RECODE ch15ply (1,2=1) (3,4=3) (5,6,7=5) (else=copy) INTO ch15plyg.
VARIABLE LABEL ch15ply '(D) Children: Days last week 15+min active play'.
VARIABLE LABEL ch15plyg
  '(D) Children: Days last week 15+min active play (grouped)'.
VALUE LABELS ch15plyg
 0 'None'
 1 '1 or 2'
 3 '3 or 4'
 5 '5 or more'.

** no. of days did active play for at least 30 minutes a time.

COMPUTE ch30ply=0.
IF AGE>=16 | AGE lt 2 ch30ply=-2.
IF weactch=2 AND wkactch=0 ch30ply=0.
IF RANGE(lweact,4,11) AND ANY(dweactch,1,2) ch30ply=1.
IF RANGE(lweact,5,11) AND dweactch=3 ch30ply=2.
IF RANGE(lwkact,4,11) AND RANGE(wkactch,1,5) ch30ply=ch30ply + wkactch.
IF ANY(-8,weactch,lweact,dweactch,wkactch,lwkact)
   |ANY(-9,weactch,lweact,dweactch,wkactch,lwkact) ch30ply=-8.
RECODE ch30ply (1,2=1) (3,4=3) (5,6,7=5) (else=copy) INTO ch30plyg.
VARIABLE LABEL ch30ply '(D) Children: Days last week 30+min active play'.
VARIABLE LABEL ch30plyg
  '(D) Children: Days last week 30+min active play (grouped)'.
VALUE LABELS ch30plyg
 0 'None'
 1 '1 or 2'
 3 '3 or 4'
 5 '5 or more'.

** no. of days did sport for at least 15 minutes a time.

COMPUTE ch15spt=0.
IF AGE>=16 | AGE lt 2 ch15spt=-2.
IF spt1ch=2 ch15spt=0.
IF RANGE(lwesp,3,11) AND ANY(dwespch,1,2) ch15spt=1.
IF RANGE(lwesp,4,11) AND dwespch=3 ch15spt=2.
IF RANGE(lwksp,3,11) AND RANGE(dayspch,1,5) ch15spt=ch15spt + dayspch.
IF ANY(-8,spt1ch,lwesp,dwespch,lwksp,dayspch)
   |ANY(-9,spt1ch,lwesp,dwespch,lwksp,dayspch) ch15spt=-8.
RECODE ch15spt (1,2=1) (3,4=3) (5,6,7=5) (else=copy) INTO ch15sptg.
VARIABLE LABEL ch15spt '(D) Children: Days last week 15+min sport'.
VARIABLE LABEL ch15sptg
  '(D) Children: Days last week 15+min sport (grouped)'.
```

```
VALUE LABELS ch15sptg
 0 'None'
 1 '1 or 2'
 3 '3 or 4'
 5 '5 or more'.

** no. of days did sport for at least 30 minutes a time.

COMPUTE ch30spt=0.
IF AGE>=16 | AGE lt 2 ch30spt=-2.
IF spt1ch=2 ch30spt=0.
IF RANGE(lwesp,4,11) AND ANY(dwespch,1,2) ch30spt=1.
IF RANGE(lwesp,5,11) AND dwespch=3 ch30spt=2.
IF RANGE(lwksp,4,11) AND RANGE(dayspch,1,5) ch30spt=ch30spt + dayspch.
IF ANY(-8,spt1ch,lwesp,dwespch,lwksp,dayspch)
   |ANY(-9,spt1ch,lwesp,dwespch,lwksp,dayspch) ch30spt=-8.
RECODE ch30spt (1,2=1) (3,4=3) (5,6,7=5) (else=copy) INTO ch30sptg.
VARIABLE LABEL ch30spt '(D) Children: Days last week 30+min sport'.
VARIABLE LABEL ch30sptg
  '(D) Children: Days last week 30+min sport (grouped)'.
VALUE LABELS ch30sptg
 0 'None'
 1 '1 or 2'
 3 '3 or 4'
 5 '5 or more'.

* no. of days sports plus active play - 15 mins +.

COMPUTE ch15act=0.
IF (RANGE(ch15spt,0,7)) ch15act=ch15spt.
IF (RANGE(ch15ply,0,7)) ch15act=ch15act + ch15ply.
IF ANY(-8,ch15spt,ch15ply) ch15act=-8.
IF ANY(-1,ch15spt,ch15ply) ch15act=-1.
IF ANY(-2,ch15spt,ch15ply) ch15act=-2.
RECODE ch15act (1,2=1) (3,4=3) (5,6,7,8,9,10,11,12,13,14=5)
  (else=copy) INTO ch15actg.
VARIABLE LABEL ch15act
  '(D) Children: Days last week 15+min sport+active play'.
VARIABLE LABEL ch15actg
  '(D) Children: Days last week 15+min sport+active play (grouped)'.
VALUE LABELS ch15actg
 0 'None'
 1 '1 or 2'
 3 '3 or 4'
 5 '5 or more'.

* no. of days sports plus active play - 30 mins +.

COMPUTE ch30act=0.
IF (RANGE(ch30spt,0,7)) ch30act=ch30spt.
IF (RANGE(ch30ply,0,7)) ch30act=ch30act + ch30ply.
IF ANY(-8,ch30spt,ch30ply) ch30act=-8.
IF ANY(-1,ch30spt,ch30ply) ch30act=-1.
IF ANY(-2,ch30spt,ch30ply) ch30act=-2.
RECODE ch30act (1,2=1) (3,4=3) (5,6,7,8,9,10,11,12,13,14=5)
  (else=copy) INTO ch30actg.
```

```
VARIABLE LABEL ch30act
  '(D) Children: Days last week 30+min sport+active play'.
VARIABLE LABEL ch30actg
  '(D) Children: Days last week 30+min sport+active play (grouped)'.
VALUE LABELS ch30actg
 0 'None'
 1 '1 or 2'
 3 '3 or 4'
 5 '5 or more'.

** no of days any phys activities - no limit on time.

COMPUTE ch00tot = 0.
IF (range(dwlkchb,1,7)) ch00tot=dwlkchb.
IF (range(dhwkch,1,7)) ch00tot = ch00tot + dhwkch.
IF (range(dwespch,1,2)) ch00tot = ch00tot + 1.
IF dwespch = 3 ch00tot = ch00tot + 2.
IF (range(dayspch,1,5)) ch00tot = ch00tot+dayspch.
IF (range(dweactch,1,2)) ch00tot=ch00tot+1.
IF dweactch=3 ch00tot=ch00tot+2.
IF (range(wkactch,1,5)) ch00tot=ch00tot+wkactch.
IF ANY(-8,wlk5ch,dwlkchb,hwkch,dhwkch,spt1ch,dwespch,dayspch,
  weactch,dweactch,wkactch) |
  ANY(-9,wlk5ch,dwlkchb,hwkch,dhwkch,spt1ch,dwespch,dayspch,
  weactch,dweactch,wkactch) ch00tot=-8.
IF AGE>=16 | AGE lt 2 ch00tot=-2.
RECODE ch00tot (7 thru hi=7).
VARIABLE LABEL ch00tot    '(D) Children: Days last week all activities - no time limits'.
```

ch00tim: (D) Children: Time last week total activities - no lower limit
ch00mpd: (D) Children min/day all activities - no lower limit
ch00mpdg: (D) Children min/day all activities - no lower limit (grouped)
ch15tot: (D) Children: Days last week 15+min total activities
ch15totg: (D) Children: Days last week 15+min total activities (grouped)
ch15tim: (D) Children: Time last week 15+min total activities

```
** total time doing any activities - no time limit.

RECODE lwesp (1=2.5) (2=10) (3=22.5) (4=45) (5=75) (6=105) (7=135) (8=165)
 (9=195) (10=225) (11=240)(ELSE=0) INTO wesp.
RECODE lwksp (1=2.5) (2=10) (3=22.5) (4=45) (5=75) (6=105) (7=135) (8=165)
 (9=195) (10=225) (11=240)(ELSE=0) INTO wksp.
RECODE lweact (1=2.5) (2=10) (3=22.5) (4=45) (5=75) (6=105) (7=135) (8=165)
 (9=195) (10=225) (11=240)(ELSE=0) INTO weac.
RECODE lwkact (1=2.5) (2=10) (3=22.5) (4=45) (5=75) (6=105) (7=135) (8=165)
 (9=195) (10=225) (11=240)(ELSE=0) INTO wkac.

COMPUTE ch00tim =0.
IF (range(dwlkchb,1,7)) ch00tim=dwlkchb*15.
IF (range(dhwkch,1,7)) ch00tim=ch00tim + (dhwkch*15).
IF (range(dwespch,1,2)) & (range(wesp,2.5,240))
   ch00tim=ch00tim + wesp.
IF (dwespch=3) & (range(wesp,2.5,240))
   ch00tim=ch00tim + ( wesp).
```

```
IF (range(dayspch,1,5)) & (range(wksp,2.5,240))
   ch00tim=ch00tim + (dayspch* wksp).
IF (range(dweactch,1,2)) & (range(weac,2.5,240))
   ch00tim=ch00tim + weac.
IF (dweactch=3) & (range(weac,2.5,240))
   ch00tim=ch00tim + ( weac).
IF (range(wkactch,1,5)) & (range(wkac,2.5,240))
   ch00tim=ch00tim + (wkactch* wkac).
IF ANY(-8,wlk5ch,dwlkchb,hwkch,dhwkch,spt1ch,dwespch,dayspch,weactch,
   dweactch,wkactch,lwesp,lwksp,lweact,lwkact) |
   ANY(-9,wlk5ch,dwlkchb,hwkch,dhwkch,spt1ch,dwespch,dayspch,weactch,
   dweactch,wkactch,lwesp,lwksp,lweact,lwkact) ch00tim=-8.
IF age>=16 or age lt 2 ch00tim=-2.
VARIABLE LABEL ch00tim
  '(D) Children: Time last week total activities - no lower limit'.


** time per day any activities no time limit.

IF (range(ch00tot,1,7)) ch00mpd = ch00tim/ch00tot.
IF ch00tim=0 ch00mpd=0.
IF age>=16 or age lt 2 ch00mpd=-2.
IF ANY(-8,ch00tim,ch00tot) ch00mpd=-8.
RECODE ch00mpd (1 thru 29.99=1) (30 thru 59.99=2) (60 thru hi=3)
 (else=copy) INTO ch00mpdg.
VARIABLE LABEL ch00mpd '(D) Children min/day all activities - no lower limit'.
VARIABLE LABEL ch00mpdg
   '(D) Children min/day all activities - no lower limit (grouped)'.
VALUE LABELS ch00mpdg
 0 'No time'
 1 '1-29 minutes'
 2 '30 -59 minutes'
 3  '60 minutes or more'.

** no of days any phys activities.

COMPUTE ch15tot=0.
IF (RANGE(ch15act,0,14)) ch15tot=ch15act.
IF (RANGE(ch15wlkb,0,7)) ch15tot=ch15tot + ch15wlkb.
IF (RANGE(ch15hwk,0,7)) ch15tot=ch15tot + ch15hwk.
IF ANY(-8,ch15act,ch15wlkb,ch15hwk) ch15tot=-8.
IF age>=16 OR age lt 2 ch15tot=-2.
RECODE ch15tot(7 thru hi=7).
RECODE ch15tot (1,2=1) (3,4=3) (5 thru 7=5) (else=copy) INTO ch15totg.
VARIABLE LABEL ch15tot
  '(D) Children: Days last week 15+min total activities'.
VARIABLE LABEL ch15totg
  '(D) Children: Days last week 15+min total activities (grouped)'.
VALUE LABELS ch15totg
 0 'None'
 1 '1 or 2'
 3 '3 or 4'
 5 '5 or more'.

* total time doing any activities - at least 15 mins.
```

```
RECODE lwesp (1,2=0)  (3=22.5) (4=45) (5=75) (6=105) (7=135) (8=165)
 (9=195) (10=225) (11=240) (ELSE=0) INTO wesp.
RECODE lwksp (1,2=0)  (3=22.5) (4=45) (5=75) (6=105) (7=135) (8=165)
 (9=195) (10=225) (11=240) (ELSE=0) INTO wksp.
RECODE lweact (1,2=0)  (3=22.5) (4=45) (5=75) (6=105) (7=135) (8=165)
 (9=195) (10=225) (11=240) (ELSE=0)  INTO weac.
RECODE lwkact (1,2=0)  (3=22.5) (4=45) (5=75) (6=105) (7=135) (8=165)
 (9=195) (10=225) (11=240) (ELSE=0)  INTO wkac.
COMPUTE ch15tim =0.
IF (range(dwlkchb,1,7)) ch15tim=dwlkchb*5.
IF (range(dhwkch,1,7)) ch15tim=ch15tim + (dhwkch*15).
IF (range(dwespch,1,2)) & (range(wesp,22.5,240))
   ch15tim=ch15tim + wesp.
IF (dwespch=3) & (range(wesp,45,240))
   ch15tim=ch15tim + (wesp).
IF (range(dayspch,1,5)) & (range(wksp,22.5,240))
   ch15tim=ch15tim + (dayspch* wksp).
IF (range(dweactch,1,2)) & (range(weac,22.5,240))
   ch15tim=ch15tim + weac.
IF (dweactch=3) & (range(weac,45,240))
   ch15tim=ch15tim + (weac).
IF (range(wkactch,1,5)) & (range(wkac,22.5,240))
   ch15tim=ch15tim + (wkactch* wkac).
IF ANY(-8,wlk5ch,dwlkchb,hwkch,dhwkch,spt1ch,dwespch,dayspch,weactch,
   dweactch,wkactch,lwesp,lwksp,lweact,lwkact) |
   ANY(-9,wlk5ch,dwlkchb,hwkch,dhwkch,spt1ch,dwespch,dayspch,weactch,
   dweactch,wkactch,lwesp,lwksp,lweact,lwkact) ch15tim=-8.
IF age>=16 Or age lt 2 ch15tim=-2.
VARIABLE LABEL ch15tim
  '(D) Children: Time last week 15+min total activities'.
```

ch15mpd: (D) Children min/day all activities - 15+min
ch15mpdg: (D) Children min/day all activities - 15+min (grouped)
ch15sum: (D) Children: Summary classification 15+min activity levels
ch15sumg: (D) Children: Summary classification 15+min activity levels (grouped)
ch00sum7: (D) Children: Summary classification activity levels - All activities, no lower limits (all 7 days X 60+mins)

```

IF (range(ch15tot,1,7)) ch15mpd = ch15tim/ch15tot.
IF ch15tim=0 ch15mpd=0.
IF ANY(-8,ch15tim,ch15tot) ch15mpd=-8.
IF age>=16 Or age lt 2 ch15mpd=-2.
RECODE ch15mpd (1 thru 29.99=1) (30 thru 59.99=2) (60 thru 119.99=3)
 (120 thru hi=4) (else=copy) INTO ch15mpdg.
VARIABLE LABEL ch15mpd '(D) Children min/day all activities - 15+min'.
VARIABLE LABEL ch15mpdg
   '(D) Children min/day all activities - 15+min (grouped)'.
VALUE LABELS ch15mpdg
 0 'No time'
 1 '1-29 minutes'
 2 '30-59 minutes'
 3 '60-119 minutes'
 4 '120 minutes+'.

** overall classification.
```

```
IF ((RANGE(ch15tot,5,7)) & ch15mpdg=4) ch15sum=1.
IF ((RANGE(ch15tot,5,7)) & ch15mpdg=3) ch15sum=2.
IF ((RANGE(ch15tot,5,7)) & ch15mpdg=2) ch15sum=3.
IF ((RANGE(ch15tot,5,7)) & ch15mpdg=1) ch15sum=4.
IF ((RANGE(ch15tot,1,4)) & (RANGE(ch15mpdg,2,4))) ch15sum=5.
IF ((RANGE(ch15tot,0,4)) & (RANGE(ch15mpdg,0,1))) ch15sum=6.
IF age>=16 OR age LT 2 ch15sum=-2.
RECODE ch15sum (SYSMIS=-8).
VARIABLE LABEL ch15sum
   '(D) Children: Summary classification 15+min activity levels'.
VALUE LABELS ch15sum 1 '120 mins + 5-7 days'   2 '60-119 mins 5-7 days a wk'
  3 '30-59 mins 5+ days'   4 '1-29 mins 5+ days'   5 '30 mins + 1-4 days a wk'   6 '<30 mins <5
days'.

RECODE ch15sum (1,2=1) (3=2) (4,5,6=3) (else=copy) INTO ch15sumg.
VARIABLE LABEL ch15sumg
   '(D) Children: Summary classification 15+min activity levels (grouped)'.
VALUE LABELS ch15sumg   1 'Group 1:60+min on at least 5 days'
  2 'Group 2:30-59min on at least 5 days'   3 'Group 3:Lower level of activity'.

* ch00sum7

COMPUTE ch00sum7=-8.
IF (ch00tot=7 & ch00mpdg=3) ch00sum7=1.
IF (ch00tot=7 & ch00mpdg=2) ch00sum7=2.
IF ((RANGE(ch00tot,1,7)) & (RANGE(ch00mpdg, 0,1))) ch00sum7=3.
IF ((RANGE(ch00tot,1,6)) & (RANGE(ch00mpdg, 2,3))) ch00sum7=3.
IF AGE ge 16 ch00sum7=-2.
IF age LT 2 ch00sum7=-1.
VARIABLE LABEL ch00sum7
   '(D) Children: Summary classification activity levels - All activities, no lower limits (all 7 days X
60+mins)'.
VALUE LABELS ch00sum7 -1 'Age 0-1' -2 'Age 16+'   1 'Group 1:60+min on all 7 days'
  2 'Group 2:30-59min on all 7 days'   3 'Group 3:Lower level of activity'.
```

sprtdays: (D) Number of days sports/exercise (no lower limit)
ch00sptg: (D) Days last week (no lower limit) sports&exercise (grouped)
actdays: (D) Number of days active playing (no lower limits)
ch00plyg: (D) Days last week (no lower limit) active playing (grouped)
wlkdays: (D) Number of days walking 5mins+
ch00wlkg: (D) Days last week (5+) mins walking (grouped)
gardays: (D) Number of days housework/gardening (15+)
ch00hswg: (D) Days last week (15+) mins housework/gardening (grouped)
ch00totg: (D) Children: days last week any physical activity (no lower limit) grouped

```
**********days sports**********.
COMPUTE sprtdays=0.
IF  (range(dwespch,1,2)) sprtdays= sprtdays + 1.
IF dwespch=3 sprtdays=sprtdays+ 2.
IF (range(dayspch,1,5)) sprtdays= sprtdays+dayspch.
IF ANY (-8, dwespch,dayspch, spt1ch) |  ANY (-9, dwespch,dayspch, spt1ch) sprtdays=-8.
IF (spt1ch=2)sprtdays=0.
IF age ge 16 or age lt 2 sprtdays=-2.
VARIABLE LABEL sprtdays '(D) Number of days sports/exercise (no lower limit)'.
```

```
RECODE sprtdays (0=0) (1 thru 2=1) (3 thru 4=2) (5 thru highest=3) (else=copy) INTO ch00sptg.
VARIABLE LABEL ch00sptg ' (D) Days last week (no lower limit) sports&exercise (grouped)'.
VALUE LABELS ch00sptg
0 'None'
1 '1-2 days'
2 '3-4 days'
3 '5 or more days'.

**********days active playing**********.

COMPUTE actdays =0.
IF (range(dweactch,1,2)) actdays=actdays+1.
IF dweactch=3 actdays=actdays+2.
IF (range(wkactch,1,5)) actdays=actdays+wkactch.
IF ANY (-8, dweactch, wkactch, weactch) | ANY (-8, dweactch, wkactch, weactch)  actdays=-8.
IF age ge 16 or age lt 2 actdays=-2.
VARIABLE LABEL actdays '(D) Number  of days active playing (no lower limits)'.

RECODE actdays (0=0) (1 thru 2=1) (3 thru 4=2) (5 thru highest=3) (else=copy) INTO ch00plyg.
VARIABLE LABEL ch00plyg ' (D) Days last week (no lower limit) active playing (grouped)'.
VALUE LABELS ch00plyg
0 'None'
1 '1-2 days'
2 '3-4 days'
3 '5 or more days'.

*******WALKING DAYS**********

COMPUTE wlkdays =0.
IF (wlk5ch=1 & RANGE(dwlkchb, -9, -1))  or range(wlk5ch,-9,-1) wlkdays=-8.
IF (range(dwlkchb,1,7)) wlkdays=dwlkchb.
IF age ge 16 or age lt 2 wlkdays=-2.
VARIABLE LABEL wlkdays '(D) Number of days walking 5mins+'.
MISS VAL wlkdays wlk5ch (-99 thru -1).

RECODE wlkdays (0=0) (1 thru 2=1) (3 thru 4=2) (5 thru highest=3) (else=copy) INTO ch00wlkg.
VARIABLE LABEL ch00wlkg ' (D) Days last week (5+) mins walking (grouped)'.
VALUE LABELS ch00wlkg
0 'None'
1 '1-2 days'
2 '3-4 days'
3 '5 or more days'.

**********days housework/gardening**********.

COMPUTE gardays=0.
IF (hwkch=1 & RANGE(dhwkch, -9, -1)) or range(hwkch,-9,-1) gardays=-8.
IF (range(dhwkch,1,7)) gardays= gardays + dhwkch.
IF age ge 16 or age lt 2 gardays=-2.

VARIABLE LABEL gardays '(D) Number of days housework/gardening (15+)'.

RECODE gardays (0=0) (1 thru 2=1) (3 thru 4=2) (5 thru highest=3) (else=copy) INTO ch00hswg.
VARIABLE LABEL ch00hswg ' (D) Days last week (15+) mins housework/gardening (grouped)'.
VALUE LABELS ch00hswg
```

```
0 'None'
1 '1-2 days'
2 '3-4 days'
3 '5 or more days'.

* Days any physical activity (no lower limit)

RECODE ch00tot (1,2=1) (3,4=3) (5 thru 7=5) (else=copy) INTO ch00totg.
VARIABLE LABEL ch00tot
  '(D) Children: Days last week (no lower limit) total activities'.
VARIABLE LABEL ch00totg
  '(D) Children: Days last week any physical activities (grouped)'.
VALUE LABELS ch00totg
 0 'None'
 1 '1 or 2'
 3 '3 or 4'
 5 '5 or more'.
```

ch00totS: (D) Children: Days last week all activities INC SCHOOL - no time limits
ch00timS: (D) Children: Time last week total activities INC SCHOOL - no lower limit
ch00mpdS: (D) Children min/day all activities INC SCHOOL - no lower limit
ch00mpgS: (D) Children min/day all activities - INC SCHOOL no lower limit (grouped)
c00sum7S: (D) Children: Summary classification activity levels - All activities, INC SCHOOL no lower limits (all 7 days X 60+mins)

```
**Creating a summary activity variable including school activities.

** no of days any phys activities INCLUDING SCHOOL ACTIVITIES - no limit on time.

COMPUTE ch00totS = 0.
IF (range(dwlkchb,1,7)) ch00totS=dwlkchb.
IF (range(dhwkch,1,7)) ch00totS= ch00totS+ dhwkch.
IF (range(dwespch,1,2)) ch00totS = ch00totS + 1.
IF dwespch = 3 ch00totS = ch00totS + 2.
IF (range(dayspch,1,5)) ch00totS= ch00totS+dayspch.
IF (range(dweactch,1,2)) ch00totS=ch00totS+1.
IF dweactch=3 ch00totS=ch00totS+2.
IF (range(wkactch,1,5)) ch00totS=ch00totS+wkactch.
IF (range(SchDays,1,7)) ch00totS=ch00totS+SchDays.
IF ANY(-8,wlk5ch,dwlkchb,hwkch,dhwkch,spt1ch,dwespch,dayspch,
  weactch,dweactch,wkactch) |
  ANY(-9,wlk5ch,dwlkchb,hwkch,dhwkch,spt1ch,dwespch,dayspch,
  weactch,dweactch,wkactch) ch00totS=-8.
IF AGE>=16 | AGE lt 2 ch00totS=-2.
RECODE ch00totS(7 thru hi=7).
VARIABLE LABEL ch00totS    '(D) Children: Days last week all activities INC SCHOOL - no time
limits'.

RECODE lwesp (1=2.5) (2=10) (3=22.5) (4=45) (5=75) (6=105) (7=135) (8=165)
 (9=195) (10=225) (11=240)(ELSE=0) INTO wesp.
RECODE lwksp (1=2.5) (2=10) (3=22.5) (4=45) (5=75) (6=105) (7=135) (8=165)
 (9=195) (10=225) (11=240)(ELSE=0) INTO wksp.
RECODE lweact (1=2.5) (2=10) (3=22.5) (4=45) (5=75) (6=105) (7=135) (8=165)
```

```
 (9=195) (10=225) (11=240)(ELSE=0) INTO weac.
RECODE lwkact (1=2.5) (2=10) (3=22.5) (4=45) (5=75) (6=105) (7=135) (8=165)
 (9=195) (10=225) (11=240)(ELSE=0) INTO wkac.
RECODE SchTime (1=2.5) (2=10) (3=22.5) (4=45) (5=75) (6=105) (7=135) (8=165)
 (9=195) (10=225) (11=240)(ELSE=0) INTO scac.

COMPUTE ch00timS =0.
IF (range(dwlkchb,1,7)) ch00timS=dwlkchb*15.
IF (range(dhwkch,1,7)) ch00timS=ch00timS+ (dhwkch*15).
IF (range(dwespch,1,2)) & (range(wesp,2.5,240))
   ch00timS=ch00timS+ wesp.
IF (dwespch=3) & (range(wesp,2.5,240))
   ch00timS=ch00timS+ ( wesp).
IF (range(dayspch,1,5)) & (range(wksp,2.5,240))
   ch00timS=ch00timS+ (dayspch* wksp).
IF (range(dweactch,1,2)) & (range(weac,2.5,240))
   ch00timS=ch00timS+ weac.
IF (dweactch=3) & (range(weac,2.5,240))
   ch00timS=ch00timS+ ( weac).
IF (range(wkactch,1,5)) & (range(wkac,2.5,240))
   ch00timS=ch00timS+ (wkactch* wkac).
IF (range(schdays,1,7)) & (range(scac,2.5,240))
   ch00timS=ch00timS+ (schdays* scac).
IF ANY(-8,wlk5ch,dwlkchb,hwkch,dhwkch,spt1ch,dwespch,dayspch,weactch,
   dweactch,wkactch,lwesp,lwksp,lweact,lwkact) |
   ANY(-9,wlk5ch,dwlkchb,hwkch,dhwkch,spt1ch,dwespch,dayspch,weactch,
   dweactch,wkactch,lwesp,lwksp,lweact,lwkact) ch00timS=-8.
IF age>=16 or age lt 2 ch00timS=-2.
VARIABLE LABEL ch00timS   '(D) Children: Time last week total activities INC SCHOOL - no
lower limit'.

IF (range(ch00totS,1,7)) ch00mpdS = ch00timS/ch00totS.
IF ch00timS=0 ch00mpdS=0.
IF age>=16 or age lt 2 ch00mpdS=-2.
IF ANY(-8,ch00timS,ch00totS) ch00mpdS=-8.
RECODE ch00mpdS (1 thru 29.99=1) (30 thru 59.99=2) (60 thru hi=3)
 (else=copy) INTO ch00mpgS.
VARIABLE LABEL ch00mpdS '(D) Children min/day all activities INC SCHOOL - no lower limit'.
VARIABLE LABEL ch00mpgS
   '(D) Children min/day all activities - INC SCHOOL no lower limit (grouped)'.
VALUE LABELS ch00mpgS  0 'No time'  1 '1-29 minutes'  2 '30 -59 minutes'  3  '60 minutes or
more'.

COMPUTE c00sum7S=-8.
IF (ch00totS=7 & ch00mpgS=3) c00sum7S=1.
IF (ch00totS=7 & ch00mpgS=2) c00sum7S=2.
IF ((RANGE(ch00totS,1,7)) & (RANGE(ch00mpgS, 0,1))) c00sum7S=3.
IF ((RANGE(ch00totS,1,6)) & (RANGE(ch00mpgS, 2,3))) c00sum7S=3.
IF AGE ge 16 c00sum7S=-2.
IF age LT 2 c00sum7S=-1.
VARIABLE LABEL c00sum7S
   '(D) Children: Summary classification activity levels - All activities, INC SCHOOL no lower limits
(all 7 days X 60+mins)'.
VALUE LABELS c00sum7S -1 'Age 0-1' -2 'Age 16+'
  1 'Group 1:60+min on all 7 days'   2 'Group 2:30-59min on all 7 days'
  3 'Group 3:Lower level of activity'.
```

schdays2: (D) Number of days active at school in past week (inc 0)
schdays3: (D) Number of days active at school in past week - grouped (inc 0)

```
********** NUMBER OF DAYS OF PHYSICAL ACTIVITY AT SCHOOL *******.

COMPUTE schdays2=99.
IF AGE=4 and (chsch=2 | chsch=-1) schdays2=-2.
IF AGE>=16 | AGE LT 4 schdays2=-1.
if schact=2 schdays2=0.
IF (range(SchDays,1,7)) schdays2=schdays.
IF ANY(-8,SchDays,schact) schdays2=-8.
IF ANY(-9,SchDays,schact) schdays2=-9.
VARIABLE LABEL schdays2 "(D) Number of days active at school in past week (inc 0)".

* group categories into schdays3.

RECODE schdays2 (3,4=3) (5 thru 7=4) (else=copy) INTO schdays3.
VARIABLE LABEL schdays3 "(D) Number of days active at school in past week - grouped (inc 0)".
VALUE LABELS schdays3 3 "3 or 4" 4 "5 or more".
ADD VALUE LABELS schdays3 -1 'Item not applicable' -2 'Schedule not applicable' -8 'Don t
know' -9 'Refusal'.
```

EATING HABITS

breadt08: (D) Bread type: high fibre / white
breadall: (D) Combined bread type & volume eaten
breadV:(D) Volume of bread eaten inc. those who don't eat bread (grouped)
TFishsu: (D) Freq. of eating tuna fish (summary measure)
fshoilsu: (D) Freq. of eating oily fish (summary measure)
wfishsu: (D) Freq. of eating white fish (summary measure)
anyfishsu: (D) Fish twice or more a week
meatsu: (D) Freq. of eating red meat (summary measure)
meatprsu: (D) Freq. of eating meat products (summary measure)
anymeatsu: (D) Any meat twice or more a week
milksu: (D) Type of milk (summary measure)
milksu2: (D) Type of milk (summary measure 2)
sweetssu: (D) Freq. of eating sweets or chocolates (summary measure)
biscitsu: (D) Freq. of eating biscuits (summary measure)
cakessu: (D) Freq. of eating cakes etc (summary measure)
icecrmsu: (D) Freq. of eating ice cream (summary measure)
softdrsu18: (D) Freq. of drinking (non-diet) soft drinks (summary measure)
sugarsu18: (D) Sugary snack or drink once a day or more
chipssu: (D) Freq. of eating chips (summary measure)
crispssu: (D) Freq. of eating crisps/other savoury snacks (summary measure)
potatosu: (D) Freq. of eating potatoes/pasta/rice (summary measure)
cerealal_08: (D) Combined cereal type & volume eaten (fibre/sugar content incl)
cerealal_11: (D) Cereal type frequency

```
RECODE usbred08 (2,3,4=1) (1=2) (5=3) (6=4) (else=copy) INTO breadt08.
VARIABLE LABEL breadt08 "(D) Bread type: high fibre / white".
VALUE LABELS breadt08  1 'High fibre' 2 'White' 3 'No usual type' 4 'Does not eat bread'
-8 'Don"t know' 7 'Other type: unknown'.
```

```
*breadall.
COMPUTE breadall=-3.
If (range(brslice,1,3) and breadt08 =1) breadall=1.
If (range(brslice,1,3) and breadt08 =2) breadall=2.
If (range(brslice,1,3) and breadt08 =3) breadall=3.
If (range(brslice,1,3) and breadt08 =7) breadall=4.
If (range(brslice,4,5) and breadt08 =1) breadall=5.
If (range(brslice,4,5) and breadt08 =2) breadall=6.
If (range(brslice,4,5) and breadt08 =3) breadall=7.
If (range(brslice,4,5) and breadt08 =7) breadall=8.
If (breadt08 =4) breadall=9.
If ((brslice=-8) | (brslice=-9)) breadall=-8.
If ((breadt08 =-8) | (breadt08 =-9)) breadall=-8.
If (breadt08 =-1) breadall=-1.
If (breadt08 =-2) breadall=-2.
VARIABLE LABELs breadall "(D) Combined bread type & volume eaten".
VALUE LABELS breadall  1 'High fibre: at least 2 slices a day'
2 'White: at least 2 slices a day'
3 'No usual type: at least 2 slices a day'
4 'Type unknown: at least 2 slices a day'
5 'High fibre: <2 slices a day'
6 'White: <2 slices a day'
7 'No usual type: <2 slices a day'
8 'Type unknown: <2 slices a day'
9 'Does not eat bread'
-1 'Item not applicable'
-2 'Schedule not applicable'
-8 'Don''t know / not answered'.
execute.

*breadV.
RECODE breadall (1 thru 4=1) (5 thru 8=2) (else=copy) INTO breadV.
VARIABLE LABEL breadV "(D) Volume of bread eaten inc. those who don't eat bread (grouped)".
VALUE LABELS breadV 1 'At least 2 slices a day'
2 '1 slice or less a day' 9 'Does not eat bread'
-1 'Item not applicable' -2 'Schedule not applicable'
-8 'Don''t know / not answered'.
execute.

recode TFish (1 thru 7=1) (8 thru 9=2) (else=copy) into TFishsu.
variable label TFishsu '(D) Freq. of eating tuna fish (summary measure)'.
value label TFishsu 1 'Once a week or more'
2 ' Less often' -8 "Don't know"v -9 "Refused" -2 "Schedule not applicable".

recode fshoil03 (1 thru 7=1) (8 thru 9=2) (else=copy) into fshoilsu.
variable label fshoilsu '(D) Freq. of eating oily fish (summary measure)'.
value label fshoilsu 1 'Once a week or more'
2 ' Less often' -8 "Don't know"
-9 "Refused" -2 "Schedule not applicable".

recode wfish03 (1 thru 7=1) (8 thru 9=2) (else=copy) into wfishsu.
variable label wfishsu '(D) Freq. of eating white fish (summary measure)'.
value label wfishsu
1 'Once a week or more' 2 ' Less often'
-8 "Don't know" -9 "Refused" -2 "Schedule not applicable".
```

```
count xxxfsh = tfish, wfish03, fshoil03 (7).
fre xxxfsh.

compute anyfishsu = 0.
if (tfish le 6) or (wfish03 le 6) or (fshoil03 le 6) anyfishsu = 1.
if xxxfsh ge 2 anyfishsu = 1.
if (TFish = -1 and WFish03 = -1 and FshOil03 = -1) anyfishsu =-1.
if (TFish = -2 and WFish03 = -2 and FshOil03 = -2) anyfishsu =-2.
if (TFish = -8 and WFish03 = -8 and FshOil03 = -8) anyfishsu =-8.
if (TFish = -9 and WFish03 = -9 and fshOil03 = -9) anyfishsu =-9.
execute.
Recode anyfishsu (1=1) (0=2) (else = copy) into anyfishsu.

variable label anyfishsu "(D) Fish twice or more a week".
value label anyfishsu
1 "Two or more times a week"
2 "Less often"
-8 "Don't know"
-9 "Refused"
-2 "Schedule not applicable"
- 1 "Item not applicable".

recode meat03 (1 thru 6=1) (7 thru 9=2) (else=copy) into meatsu.
variable label meatsu '(D) Freq. of eating red meat (summary measure)'.
value label meatsu
1 'Two or more times a week'
2 ' Less often'
-8 "Don't know"
-9 "Refused"
-2 "Schedule not applicable".
format meatsu (f8.0).
exe.

recode meatprod (1 thru 6=1) (7 thru 9=2) (else=copy) into meatprsu.
variable label meatprsu '(D) Freq. of eating meat products (summary measure)'.
value label meatprsu 1 'Two or more times a week'
2 ' Less often' -8 "Don't know"
-9 "Refused" -2 "Schedule not applicable".

compute anymeatsu = 0.
if (meat03 le 6) or (meatprod le 6) anymeatsu = 1.
if (meat03 =7  and meatprod = 7) anymeatsu = 1.
if (meat03 = -1 and meatprod= -1) anymeatsu =-1.
if (meat03 = -2 and meatprod = -2) anymeatsu =-2.
if (meat03 = -8 and meatprod= -8) anymeatsu =-8.
if (meat03 = -9 and meatprod = -9) anymeatsu =-9.
execute.

Recode anymeatsu (1=1) (0=2) (else = copy) into anymeatsu.

variable label anymeatsu "(D) Any meat twice or more a week".
value label anymeatsu 1 "Two or more times a week"
2 "Less often" -8 "Don't know"
-9 "Refused" -2 "Schedule not applicable"
- 1 "Item not applicable".
```

```
recode milk08 (1=2) (2,3=1) (4 thru 9=2) (else=copy) into milksu.
variable labels milksu '(D) Type of milk (summary measure)'.
value labels milksu
1 'semi-skimmed/skimmed'
2 'other'
-8 "Don't know"
-9 "Refused"
-2 "Schedule not applicable".
format milksu (f8.0).
cro milk08 by milksu.
exe.

** new 2014  Milksu2

fre milk08.

recode milk08 (1=1) (2=2) (3=3) (4 thru 8 = 4) (9=5) (else =copy) into milksu2.
variable labels Milksu2 "(D) Type of milk (summary measure 2)".
value labels milksu2
1 "Whole"
2 "Semi -skimmed"
3 "Skimmed"
4 "Other"
5 "Does not drink milk"
-8 "Don't know"
-9 "Refused"
-2 "Schedule not applicable"
-1 "Item not applicable".

recode confec (1 thru 4=1) (5 thru 9=2) (else=copy) into sweetssu.
variable label sweetssu '(D) Freq. of eating sweets or chocolates (summary measure)'.
value label sweetssu
1 'Once a day or more'
2 ' Less often'
-8 "Don't know"
-9 "Refused"
-2 "Schedule not applicable".
exe.

recode biscuits (1 thru 4=1) (5 thru 9=2) (else=copy) into biscitsu.
variable label biscitsu '(D) Freq. of eating biscuits (summary measure)'.
value label biscitsu
1 'Once a day or more'
2 ' Less often'
-8 "Don't know"
-9 "Refused"
-2 "Schedule not applicable".

recode cakesetc (1 thru 6=1) (7 thru 9=2) (else=copy) into cakessu.
variable label cakessu '(D) Freq. of eating cakes etc (summary measure)'.
value label cakessu
1 'Two or more times a week'
2 ' Less often'
-8 "Don't know"
-9 "Refused" -2 "Schedule not applicable".
```

```
recode icecream (1 thru 7=1) (8 thru 9=2) (else=copy) into icecrmsu.
variable label icecrmsu '(D) Freq. of eating ice cream (summary measure)'.
value label icecrmsu
1 'Once a week or more often'
2 ' Less often'
-8 "Don't know"
-9 "Refused"
-2 "Schedule not applicable".

recode softdr18 (1 thru 4=1) (5 thru 9=2) (else=copy) into softdrsu18.
variable label softdrsu18 '(D) Freq. of drinking (non-diet) soft drinks (summary measure)'.
value label softdrsu18
1 'Once a day or more'
2 ' Less often'
-8 "Don't know"
-9 "Refused"
-2 "Schedule not applicable".

* Sugarsu18.

recode confec (1 thru 4 = 7) (5 =5.5) (6 = 3) (7 =1) (-9,-8,8 = 0.5) (9 =0) into confec2.
recode icecream (1 thru 4 = 7) (5 =5.5) (6 = 3) (7 =1) (-9,-8,8 = 0.5) (9 =0) into icecream2.
recode softdr18 (1 thru 4 = 7) (5 =5.5) (6 = 3) (7 =1) (-9,-8,8 = 0.5) (9 =0) into softdr2.
recode cakesetc (1 thru 4 = 7) (5 =5.5) (6 = 3) (7 =1) (-9,-8,8 = 0.5) (9 =0) into cakesetc2.
recode biscuits (1 thru 4 = 7) (5 =5.5) (6 = 3) (7 =1) (-9,-8,8 = 0.5) (9 =0) into biscuits2.
execute.

value labels confec2 icecream2 softdr2 cakesetc2 biscuits2
7 "everyday"
5.5 "five to six times a week"
3 "two to four times a week"
1 "once a week"
0.5 "one to three times a month / DK / refused"
0 "less often or never". execute.

compute sugar = confec2 + icecream2 + softdr2 + cakesetc2 + biscuits2.
execute.

compute sugarsu18 = 0.
if sugar ge 7 sugarsu18 = 1.
if (confec =-1 and icecream = -1 and softdr18 =-1 and cakesetc =-1 and biscuits =-1) sugarsu18
=-1.
if (confec =-2 and icecream = -2 and softdr18 =-2 and cakesetc =-2 and biscuits =-2) sugarsu18
=-2.
if (confec =-8 and icecream = -8 and softdr18 =-8 and cakesetc =-8 and biscuits =-8) sugarsu18
=-8.
if (confec =-9 and icecream = -9 and softdr18 =-9 and cakesetc =-9 and biscuits =-9) sugarsu18
=-9.
variable labels sugarsu18 "(D) Sugary snack or drink once a day or more".
value labels sugarsu18
1 "Once a day or more"
2 "Less often"
-8 "Don't know"
-9 "Refused"
-2 "Schedule not applicable" - 1 "Item not applicable".
```

```
recode crisps (1 thru 4=1) (5 thru 9=2) (else=copy) into crispssu.
variable label crispssu '(D) Freq. of eating crisps/other savoury snacks (summary measure)'.
value label crispssu
1 'Once a day or more'
2 ' Less often'
-8 "Don't know"
-9 "Refused"
-2 "Schedule not applicable".

recode chips (1 thru 6=1) (7 thru 9=2) (else=copy) into chipssu.
variable label chipssu '(D) Freq. of eating chips (summary measure)'.
value label chipssu
1 'Two or more times a week'
2 ' Less often'
-8 "Don't know"
-9 "Refused"
-2 "Schedule not applicable".

recode potatoes (1 thru 5=1) (6 thru 9=2) (else=copy) into potatosu.
variable label potatosu '(D) Freq. of eating potatoes/pasta/rice (summary measure)'.
value label potatosu
1 'Five or more times a week'
2 ' Less often'
-8 "Don't know"
-9 "Refused"
-2 "Schedule not applicable".

*Cereal type/frequency.

compute cerealal_08=0.
If (range(cereals,1,5) and cereal08=2) cerealal_08=1.
If (range(cereals,1,5) and cereal08=1) cerealal_08=2.
If (range(cereals,1,5) and cereal08=4) cerealal_08=3.
If (range(cereals,1,5) and cereal08=3) cerealal_08=4.
If (range(cereals,1,5) and cereal08=5) cerealal_08=5.
If (range(cereals,1,5) and cereal08=6) cerealal_08=6.
If (range(cereals,6,9) and cereal08=2) cerealal_08=7.
If (range(cereals,6,9) and cereal08=1) cerealal_08=8.
If (range(cereals,6,9) and cereal08=4) cerealal_08=9.
If (range(cereals,6,9) and cereal08=3) cerealal_08=10.
If (range(cereals,6,9) and cereal08=5) cerealal_08=11.
If (range(cereals,6,9) and cereal08=6) cerealal_08=12.
If ((cereals=-8) | (cereals=-9)) cerealal_08=-8.
If ((cereal08=-8) | (cereal08=-9)) cerealal_08=-8.
If (cereal08=-1) cerealal_08=-1.
If (cereal08=-2) cerealal_08=-2.
If (cereal08=7) cerealal_08=13.
variable labels cerealal_08 "(D) Combined cereal type & volume eaten (fibre/sugar content
included)".
val labs cerealal_08
1 'High fibre/low sugar: at least 5 days /wk'
2 'High fibre/high sugar: at least 5 days /wk'
3 'Low fibre/low sugar: at least 5 days /wk'
4 'Low fibre/high sugar: at least 5 days /wk'
5 'Other: at least 5 days /wk'
```

```
6 'No usual type: at least 5 days /wk'
7 'High fibre/low sugar: 4 days /wk or less'
8 'High fibre/high sugar: 4 days /wk or less'
9 'Low fibre/low sugar: 4 days /wk or less'
10 'Low fibre/high sugar: 4 days /wk or less'
11 'Other: 4 days /wk or less'
12 'No usual type: 4 days /wk or less'
13 'Does not eat cereal'
-1 'Item not applicable'
-2 'Schedule not applicable'
-8 'Don''t know / not answered'.
execute.

*Bread type/frequency - already on dataset - breadall but NB big increase in best of both type bread & question wording change.

recode cerealal_08 (1 thru 2=1)(3=2)(4=3)(5=4)(6=5)(7=6)(8=7)(9=8)(10=9)(11=10)(12=11)(13=12)(else=copy) into cerealal_11.
VARIABLE LABELS cerealal_11 '(D) Cereal type frequency'.
VALUE LABELS cerealal_11 1 'High fibre at least 5 times a week'
2 'Low fibre low sugar at least 5 times a week'
3 'Low fibre high sugar at least 5 times a week'
4 'Other at least 5 days a week'
5 'No usual type at least 5 days a week'
6 'High fibre low sugar 4 days a week or less'
7 'High fibre high sugar 4 days a week or less'
8 'Low fibre low sugar 4 days a week or less'
9 'Low fibre high sugar 4 days a week or less'
10 'Other 4 days a week or less'
11 'No usual type 4 days a week or less'
12 'Does not eat cereal'
-8 "Don't know"
-9 "Refused"
-2 "Schedule not applicable".
```

FRUIT AND VEGETABLE CONSUMPTION

porftvg: (D) Grouped portions of fruit (inc.fruit juice) & veg yesterday
porpul: (D) Portion of pulses
porsal: (D) Portion of salad
porveg: (D) Portion of vegetables
porvdish: (D) Portion of vegetables in composites
porjuice: (D) Portion of fruit juice
porlge: (D) Portion of large fruit
porsml: (D) Portion of small fruit
poroth: (D) Portion of other sized fruit
porfrt: (D) Portion of all sized fruit
pordry: (D) Portion of dried fruit
porfroz: (D) Portion of frozen fruit/canned fruit
porfdish: (D) Portion of fruit in composites
vegpor: (D) Total portion of vegetables (inc.salad)
frtpor: (D) Total portion of fruit
frtpor2: (D) Portions of fruit (excl. fruit juice)
frtany: (D) Any fruit (excl. fruit juice)
vegany: (D) Any veg (incl salad)
porfv: (D) Total portion of fruit and veg
porftvg5: (D) Grouped portions of fruit (inc. fruit juice) & veg yesterday 5-a-day
porftvg3: (D) Grouped portions of fruit (inc.fruit juice) & veg (5/less than 5/none)

```
**Fruit and veg portions.

COMPUTE porpul=0.
if (vegpul=1 & vegpulq>0) porpul=vegpulq/3.
if porpul>1 porpul=1.
COMPUTE porsal=0.
if (vegsal=1 & vegsalq>0) porsal=vegsalq.
COMPUTE porveg=0.
if (vegveg=1 & vegvegq>0) porveg=vegvegq/3.
COMPUTE porvdish=0.
if (vegdish=1 & vegdishq>0) porvdish=vegdishq/3.
COMPUTE porjuice=0.
if (frtdrnk=1 & frtdrnkq>0) porjuice=frtdrnkq.
if porjuice>1 porjuice=1.
exe.

COMPUTE porlge=0.
do repeat xxx=frtc01 frtc02 frtc03 frtc04 frtc05 frtc06 frtc07 frtc08 frtc09 frtc10 frtc11 frtc12 frtc13
frtc14 frtc15
  /yyy=frtq01 frtq02 frtq03 frtq04 frtq05 frtq06 frtq07 frtq08 frtq09 frtq10 frtq11 frtq12 frtq13 frtq14
frtq15.
if (xxx=2 & yyy>0) porlge=porlge+yyy*2.
end repeat.
exe.

COMPUTE porsml=0.
do repeat xxx=frtc01 frtc02 frtc03 frtc04 frtc05 frtc06 frtc07 frtc08 frtc09 frtc10 frtc11 frtc12 frtc13
frtc14 frtc15
  /yyy=frtq01 frtq02 frtq03 frtq04 frtq05 frtq06 frtq07 frtq08 frtq09 frtq10 frtq11 frtq12 frtq13 frtq14
frtq15.
```

```
if (xxx=4 & yyy>0) | (xxx=5 & yyy>0) porsml=porsml+yyy/2.
end repeat.
exe.

COMPUTE poroth=0.
do repeat xxx=frtc01 frtc02 frtc03 frtc04 frtc05 frtc06 frtc07 frtc08 frtc09 frtc10 frtc11 frtc12 frtc13
frtc14 frtc15
  /yyy=frtq01 frtq02 frtq03 frtq04 frtq05 frtq06 frtq07 frtq08 frtq09 frtq10 frtq11 frtq12 frtq13 frtq14
frtq15.
if (xxx=1 & yyy>0) | (xxx=3 & yyy>0) poroth=poroth+yyy.
end repeat.
exe.

COMPUTE porfrt=porlge+porsml+poroth.

COMPUTE pordry=0.
if (frtdry=1 & frtdryq>0) pordry=frtdryq.
if pordry>1 pordry=1.
exe.

COMPUTE porfroz=0.
if (frtfroz=1 & frtfrozq>0) porfroz=frtfrozq/3.
exe.

COMPUTE porfdish=0.
if (frtdish=1 & frtdishq>0) porfdish=frtdishq/3.
COMPUTE vegpor=porpul+porsal+porveg+porvdish.
COMPUTE frtpor=porjuice+porfrt+pordry+porfroz+porfdish.
COMPUTE porfv=vegpor+frtpor.
exe.

**portions.
VARIABLE LABEL
  porpul "(D) Portion of pulses"
 /porsal "(D) Portion of salad"
 /porveg "(D) Portion of vegetables"
 /porvdish "(D) Portion of vegetables in composites"
 /porjuice "(D) Portion of fruit juice"
 /porlge “(D) Portion of large fruit”
 /porsml “(D) Portion of small fruit”
 /poroth “(D) Portion of other size fruit”
 /porfrt "(D) Portion of all sized fruit"
 /pordry "(D) Portion of dried fruit"
 /porfroz "(D) Portion of frozen fruit/canned fruit"
 /porfdish "(D) Portion of fruit in composites"
 /vegpor "(D) Total portion of vegetables (inc.salad)"
 /frtpor "(D) Total portion of fruit"
 /porfv "(D) Total portion of fruit and veg".

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)INTO porftvg.
VARIABLE LABELS  porftvg "(D) Grouped portions of fruit (inc.fruit 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".
exe.

RECODE porfv (0=0) (5 thru hi=6) (4 thru 5=5) (3 thru 4=4)
(2 thru 3=3) (1 thru 2=2) (0 thru 1=1)INTO porftvg5.
VARIABLE LABELS  porftvg5 "(D) Grouped portions of fruit (inc. fruit juice) & veg yesterday 5-a-
day" .
VALUE LABELS porftvg5
  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".
exe.

* fruit and vegetables – three groups

RECODE porfv (0=0) (5 thru hi=2) (0 thru 5=1) INTO porftvg3.
VARIABLE LABELS  porftvg3 "(D) Grouped portions of fruit (inc.fruit juice) & veg (5/less than
5/none)" .
VALUE LABELS porftvg3
  0 "None"
  1 "Less than 5 portions"
  2 "5 portions or more".
exe.

* any fruit

COMPUTE frtpor2=porfrt+pordry+porfroz+porfdish.
VARIABLE LABELS  frtpor2 "(D) Portions of fruit (excl. fruit juice)" .

COMPUTE frtany=0.
if frtpor2 gt 0 frtany=1.
VARIABLE LABELS  frtany "(D) Any fruit (excl. fruit  juice)" .
VALUE LABELS frtany
  0 "No"
  1 "Yes".

* any veg

COMPUTE vegany=0.
if vegpor gt 0 vegany=1.
VARIABLE LABELS  vegany "(D) Any veg (incl salad)" .
VALUE LABELS vegany
  0 "No"
  1 "Yes".
```

porfrt2: (D) Whether ate any all sized fruit
porveg2: (D) Whether ate any veg (not salad)
porjuic2: (D) Whether had any fruit juice
porpul2: (D) Whether had any pulses
porsal2: (D) Whether had any salad
porfroz2: (D) Whether had any frozen or tinned fruit
porvdis2: (D) Whether had any veg in composites
porfdis2: (D) Whether had any fruit in composites
pordry2: (D) Whether had any dried fruit
vegpor2: (D) Whether had any veg incl salad
frtpor3: (D) Whether had any fruit incl fruit juice

```
** Additional binary fruit and vegetable variables

Recode porfrt (0 = 0) (0.0001 thru hi = 1) (else = copy) INTO porfrt2.
VARIABLE LABEL porfrt2 '(D) Whether ate any all sized fruit'.
VALUE LABELS porfrt2
0 'No'
1 'Yes'.

Recode porveg (0 = 0) (0.0001 thru hi = 1) (else = copy) INTO porveg2.
VARIABLE LABEL porveg2 '(D) Whether ate any veg (not salad)'.
VALUE LABELS porveg2
0 'No'
1 'Yes'.

Recode porjuice (0 = 0) (0.0001 thru hi = 1) (else = copy) INTO porjuic2.
VARIABLE LABEL porjuic2 '(D) Whether had any fruit juice'.
VALUE LABELS porjuic2
0 'No'
1 'Yes'.

Recode porpul (0 = 0) (0.0001 thru hi = 1) (else = copy) INTO porpul2.
VARIABLE LABEL porpul2 '(D) Whether had any pulses'.
VALUE LABELS porpul2
0 'No'
1 'Yes'.

Recode porsal (0 = 0) (0.0001 thru hi = 1) (else = copy) INTO porsal2.
VARIABLE LABEL porsal2 '(D) Whether had any salad'.
VALUE LABELS porsal2
0 'No'
1 'Yes'.

Recode porfroz (0 = 0) (0.0001 thru hi = 1) (else = copy) INTO porfroz2.
VARIABLE LABEL porfroz2 '(D) Whether had any frozen or tinned fruit'.
VALUE LABELS porfroz2
0 'No'
1 'Yes'.

Recode porvdish (0 = 0) (0.0001 thru hi = 1) (else = copy) INTO porvdis2.
VARIABLE LABEL porvdis2 '(D) Whether had any veg in composites'.
VALUE LABELS porvdis2
0 'No'
1 'Yes'.
```

```
Recode porfdish (0 = 0) (0.0001 thru hi = 1) (else = copy) INTO porfdis2.
VARIABLE LABEL porfdis2 '(D) Whether had any fruit in composites'.
VALUE LABELS porfdis2
0 'No'
1 'Yes'.

Recode pordry (0 = 0) (0.0001 thru hi = 1) (else = copy) INTO pordry2.
VARIABLE LABEL pordry2 '(D) Whether had any dried fruit'.
VALUE LABELS pordry2
0 'No'
1 'Yes'.

Recode vegpor (0 = 0) (0.0001 thru hi = 1) (else = copy) INTO vegpor2.
VARIABLE LABEL vegpor2 '(D) Whether had any veg incl salad'.
VALUE LABELS vegpor2
0 'No'
1 'Yes'.

Recode frtpor (0 = 0) (0.0001 thru hi = 1) (else = copy) INTO frtpor3.
VARIABLE LABEL frtpor3 '(D) Whether had any fruit incl fruit juice'.
VALUE LABELS frtpor3
0 'No'
1 'Yes'.
```

Vitamins

VitD: (D) Currently taking Vitamin D supplements

```
Compute VitD = VitaminD.
If Vittake = 2 VitD = 2.
exe.
VARIABLE LABELS  VitD "(D) Currently taking Vitamin D supplements".
Add value labels VitD -1 "Item not applicable" -2 "Schedule not applicable" 1 "Yes" 2 "No" -8
"Don't know" -9 "Refusal".
```

Intake24

Intake24Inv: (D) Whether individual was invited to take part in Intake24
FoodEkcal: Food energy (kcal) diet only
EnergyDensity: Energy density (kcal/100g)
FatpcfoodEmtg: Meeting fat percent food energy recommendation
SFApcfoodEmtg: Meeting saturated fatty acids percent food energy recommendation
FreeSugarspctotEmtg: Meeting free sugars percent total energy recommendation
AOACFibregmtg: Meeting AOAC Fibre (g) recommendation
Totfruitvegportions: 5-a-day portions (portions/day)
Achieve5: Consuming 5 or more portions per day of fruit and vegetables
totalredmeat: Total red meat (incl from composite dishes) (g)
totalredmeatmtg70: Meeting total red meat 70g recommendation
totalredmeatmtg90: Total red meat between 70g and 90g recommendation
totalredmeatgt90: Exceeding total red meat 90g recommendation
porftvg5Intake: (D) Grouped portions of fruit & veg (Intake24 - derived from Totfruitvegportions)
porftvg3Intake: (D) Grouped portions of fruit & veg (Intake24 - derived from Totfruitvegportions)

```
* Intake24Inv.

compute Intake24Inv=-99.
IF InAdCon > 0  Intake24Inv=0.
if (InAdCon > 0 ) and inintake24=1 Intake24Inv=1.
if InAdCon=-1 Intake24Inv=-1.
exe.
VARIABLE LABELS  Intake24Inv "(D) Whether individual was invited to take part in Intake24".
value labels Intake24Inv 0 "Was invited, but didn't take part in Intake24" 1 " Was invited and took part in Intake24".

* FoodEkcal.

COMPUTE FoodEkcal = Energykcal-(alcoholg*7).

Variable labels FoodEkcal “Food energy (kcal) diet only”.

* EnergyDensity.

*To calculate energy density from food and milk only we excluded all other entries before calculating.

SELECT IF NOT RecipeSubFoodGroupDesc = "FRUITJUICE".
SELECT IF NOT RecipeSubFoodGroupDesc = "LIQUEURS".
SELECT IF NOT RecipeSubFoodGroupDesc = "SPIRITS".
SELECT IF NOT RecipeSubFoodGroupDesc = "WINE".
SELECT IF NOT RecipeSubFoodGroupDesc = "FORTIFIEDWINE".
SELECT IF NOT RecipeSubFoodGroupDesc = "LOWALCOHOLANDALCOHOLFREEWINE".
SELECT IF NOT RecipeSubFoodGroupDesc = "BEERSANDLAGERS".
SELECT IF NOT RecipeSubFoodGroupDesc =
"LOWALCOHOLANDALCOHOLFREEBEERANDLAGER".
SELECT IF NOT RecipeSubFoodGroupDesc = "CIDERANDPERRY".
SELECT IF NOT RecipeSubFoodGroupDesc =
```

```
"LOWALCOHOLANDALCOHOLFREECIDERANDPERRY".
SELECT IF NOT RecipeSubFoodGroupDesc = "ALCOHOLICSOFTDRINKS".
SELECT IF NOT RecipeSubFoodGroupDesc = "COFFEEMADEUPWEIGHT".
SELECT IF NOT RecipeSubFoodGroupDesc = "TEAMADEUPWEIGHT".
SELECT IF NOT RecipeSubFoodGroupDesc = "HERBALTEAMADEUPWEIGHT".
SELECT IF NOT RecipeSubFoodGroupDesc = "BOTTLEDWATERSTILLORCARBONATED".
SELECT IF NOT RecipeSubFoodGroupDesc = "TAPWATERONLY".
SELECT IF NOT RecipeSubFoodGroupDesc = "COMMERCIALTODDLERSDRINKS".
SELECT IF NOT RecipeSubFoodGroupDesc = "ARTIFICIALSWEETENERS".
SELECT IF NOT RecipeSubFoodGroupDesc = "SOFT DRINKS NOT LOW CALORIE
CONCENTRATED".
SELECT IF NOT RecipeSubFoodGroupDesc = "SOFT DRINKS NOT LOW CALORIE
CARBONATED".
SELECT IF NOT RecipeSubFoodGroupDesc = "SOFT DRINKS NOT LOW CALORIE RTD
STILL".
SELECT IF NOT RecipeSubFoodGroupDesc = "SOFT DRINKS LOW CALORIE
CONCENTRATED".
SELECT IF NOT RecipeSubFoodGroupDesc = "SOFT DRINKS LOW CALORIE
CARBONATED".
SELECT IF NOT RecipeSubFoodGroupDesc = "SOFT DRINKS LOW CALORIE RTD STILL".
SELECT IF NOT RecipeSubFoodGroupDesc = "SMOOTHIES100PercentFRUITANDORJUICE".

*Using the food level dietary dataset with the exclusions listed above, sum energy intake values
per participant and divide by the number of days to calculate daily energy intake. Sum portion
size values per participant and divide by the number of days to calculate daily amount of food
consumed. Divide daily energy intake by daily amount of food consumed and multiply by 100 to
get the daily energy density per 100g for each participant.


*FatpcfoodEmtg.

IF (FatpcfoodE <= 35) FatpcfoodEmtg = 1 .
RECODE FatpcfoodEmtg (SYSMIS=0) .
VARIABLE LABELS  FatpcfoodEmtg "Meeting fat percent food energy recommendation".
value labels FatpcfoodEmtg 0 "No" 1 "Yes".

*SFApcfoodEmtg.

IF (SFApcfoodE <= 11) SFApcfoodEmtg = 1 .
RECODE SFApcfoodEmtg (SYSMIS=0) .
VARIABLE LABELS  SFApcfoodEmtg "Meeting saturated fatty acids percent food energy
recommendation".
value labels SFApcfoodEmtg 0 "No" 1 "Yes".

* FreeSugarspctotEmtg.

IF (FreesugarspctotE <= 5) FreesugarspctotEmtg = 1 .
RECODE FreesugarspctotEmtg (SYSMIS=0) .
VARIABLE LABELS  FreeSugarspctotEmtg "Meeting free sugars percent total energy
recommendation".
value labels FreeSugarspctotEmtg 0 "No" 1 "Yes".

* AOACFibregmtg.

IF (AOACFibreg >= 30) AOACFibregmtg = 1 .
RECODE AOACFibregmtg (SYSMIS=0) .
```

```
VARIABLE LABELS  AOACFibregmtg "Meeting AOAC Fibre (g) recommendation".
value labels AOACFibregmtg 0 "No" 1 "Yes".

* Totfruitvegportions.

COMPUTE Fruitjuicesmoothieportions = Fruitjuiceportions + SmoothieFruitportions .
IF (Fruitjuicesmoothieportions > 1) Fruitjuicesmoothieportions_capped = 1.
IF (Fruitjuicesmoothieportions <= 1) Fruitjuicesmoothieportions_capped =
Fruitjuicesmoothieportions.
COMPUTE Totfruitvegportions = Fruitvegportions + Fruitjuicesmoothieportions_capped.

Variable labels Totfruitvegportions “5-a-day portions (portions/day)”.


* Achieve5.

IF (Totfruitvegportions >= 5) Achieve5 = 1 .
RECODE Achieve5 (SYSMIS=0) .
VARIABLE LABELS  Achieve5 "Consuming 5 or more portions per day of fruit and vegetables".
value labels Achieve5 0 "No" 1 "Yes".

* totalredmeat

COMPUTE totalredmeat = Beefg + Burgersg + Lambg + Offalg + OtherRedMeatg + Porkg +
ProcessedRedMeatg + Sausagesg.

Variable labels “TOTALREDMEAT: Total red meat (incl from composite dishes) (g)”.

* totalredmeatmtg70.

IF (totalredmeat <= 70) totalredmeatmtg70 = 1 .
RECODE totalredmeatmtg70 (SYSMIS=0) .
VARIABLE LABELS  totalredmeatmtg70 "Meeting total red meat 70g recommendation".
value labels totalredmeatmtg70 0 "No" 1 "Yes".

* totalredmeatmtg90.

IF (totalredmeat > 70 & totalredmeat <=90) totalredmeatmtg90 = 1 .
RECODE totalredmeatmtg90 (SYSMIS=0).
VARIABLE LABELS  totalredmeatmtg90 "Total red meat between 70g and 90g recommendation".
value labels totalredmeatmtg90 0 "No" 1 "Yes".

* totalredmeatgt90.

IF (totalredmeat > 90) totalredmeatgt90 = 1 .
RECODE totalredmeatgt90 (SYSMIS=0) .
VARIABLE LABELS  totalredmeatgt90 "Exceeding total red meat 90g recommendation".
value labels totalredmeatgt90 0 "No" 1 "Yes".

* porftvg5Intake.

recode  Totfruitvegportions (0 thru 0.49999 = 1) (0.5 thru 0.999999 = 2) (1 thru 1.999999 = 3) (2
thru 2.999999 = 4) (3 thru 3.999999 = 5) (4 thru 4.999999 = 6) (5 thru hi = 7) (else = copy) into
porftvg5Intake.
VARIABLE LABELS  porftvg5Intake "(D) Grouped portions of fruit & veg (Intake24 - derived from
```

```
Totfruitvegportions)".
value labels porftvg5Intake
1 "None/less than 0.5"  2 " 0.5 to less than 1 portion"  3 "1 portion or more but less than 2"
4 "2 portions or more but less than 3"  5 "3 portions or more but less than 4"
6 "4 portions or more but less than 5"  7 "5 portions or more".

*porftvg3Intake.

recode  Totfruitvegportions (0 thru 0.49999 = 1) (0.5 thru 4.999999 = 2) (5 thru hi = 3) (else =
copy) into porftvg3Intake.
VARIABLE LABELS  porftvg3Intake "(D) Grouped portions of fruit & veg (Intake24 - derived from
Totfruitvegportions)".
value labels porftvg3Intake 1 "None/less than 0.5"  2 "0.5 to less than 5 portions"
3 "5 portions or more".
```

SMOKING

cigst1: (D) Cigarette Smoking Status - Never/Ex-reg/Ex-occ/Current
cigst2: (D) Cigarette Smoking Status - Banded current smokers
cigdyal: (D) Number of cigarettes smoke a day - inc. non-smokers
cigst3: (D) Cigarette smoking status - 3 categories
rcigst1: (D) Cigarette Smoking Status - Never &Ex-occ/Ex-reg/Current
rcigst2: (D) Number of cigarettes smoked a day - Current smokers
rcigst3: (D) Smoking Status and number of cigarettes a day
ECigVNw16: (D) Respondent uses e-cigarettes or vaping device at all nowadays
ecigtot16: (D) Respondent use of e-cigarettes or vaping device (now / ever / never)
psmkhm: (D) Ever exposed to passive smoke in own or others home
psmkpp: (D) Exposed to smoke in public place
whensadv: (D) When advice given - includes received no advice
longstop: (D) How long since stopped smoking - grouped
whstop: (D) Length of time since stopped regular smoking
nicuse18: (D) Used nicotine products
Dualuse: (D) Current dual cigarette and e-cigarette use

```
** cigdyal.

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 ANY(-6,cigwday,cigwend) cigdyal=-6.
IF ANY(-1,cigwday,cigwend) cigdyal=-1.
IF age<16 cigdyal=-1.
RECODE cignow(-9,-8=COPY)(2=0) INTO cigdyal.
RECODE smkevr(-9,-8=COPY)(2=0) INTO cigdyal.
VARIABLE LABELS cigdyal "(D) Number of cigarettes smoke a day - inc. non-smokers".
execute.

** overall cig smoking status.

IF any(2,cigevr,smkevr) cigst1=1.
RECODE cigregs (3=1)(2=2)(1=3)(-6=-6) INTO cigst1.
IF cignow=1 cigst1=4.
IF ANY(-9,smkevr,cignow,cigevr,cigregs) cigst1=-9.
```

```
IF ANY(-8,smkevr,cignow,cigevr,cigregs) cigst1=-8.
IF age<16 cigst1=-2.
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".
execute.

** current cigarette smokers status.

RECODE cigdyal (-8=4)(20 thru hi=3)(10 thru 20=2)(0 thru 10=1)(-1=-1)(-9=-9) INTO cigst2.
RECODE cignow (-9=-9)(-8=-8)(2=5) INTO cigst2.
RECODE smkevr (-9=-9)(-8=-8)(2=5) INTO cigst2.
IF smkevr=-1 and iout=210 cigst2=-1.
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".
execute.

RECODE cigst1 (4=1)(2,3=2)(1=3) (ELSE=COPY) INTO cigst3.
VARIABLE LABEL cigst3 "(D) Cigarette smoking status - 3 categories".
VALUE LABELS cigst3
 1"Current cigarette smoker"
 2 "Ex-smoker"
 3"Never smoked".

Recode cigst1 (1=copy) (2=1) (3=2) (4=3) (else = copy) INTO rcigst1.
VARIABLE LABEL rcigst1 '(D) Cigarette Smoking Status - Never &Ex-occ/Ex-reg/Current'.
VALUE LABELS rcigst1
1  'Never smoked or used to smoke cigarettes occasionally'
2  'Used to smoke cigarettes regularly'
3  'Current cigarette smoker'.
exe.

recode cigst2 (1,2 =1) (3=2) (4 = 3) (5 = 4) (else = copy) into rcigst2.

variable labels rcigst2 "(D) Number of cigarettes smoked a day - current smokers".
value labels rcigst2
1 "Less than 20 a day"
2 "20 or more a day"
3 "Don't know number smoked a day"
4 "Non-smoker"
-9 "Refused/not answered"
-8 "Don't know"
-6 "Schedule not obtained"
-2 "Schedule not applicable"
-1 "Item not applicable".

*Rcigst3.
```

```
fre rcigst2 rcigst1.

recode rcigst1 (1=1) (2=2) into rcigst3.
if rcigst1 = 3 and rcigst2 = 1 rcigst3 = 3.
if rcigst1 = 3 and rcigst2 = 2 rcigst3 = 4.
if (rcigst1 = 3) and (rcigst2 = 3 or rcigst2 lt 0) rcigst3 = 5.
if rcigst1 = -1 and rcigst2 = -1 rcigst3 = -1.
if any(rcigst1, -8, -9, -1) and rcigst2 = 4  rcigst3 = -8.
if rcigst1 = -9 and rcigst2 = -9 rcigst3 = -9.
if rcigst1 = -6 and rcigst2 = -6 rcigst3 = -6.
if age lt 16 rcigst3 = -2.
exe.
var label rcigst3 "(D) Smoking status and number of cigarettes a day".
add VALUE LABELS rcigst3
-9 "Refused"
-8 "Don't know"
-6 "Schedule not obtained"
-1 "Not applicable"
-2 "Schedule not applicable"
1 "Non-smoker or smoked occasionally"
2 "Used to smoke"
3 "Less than 20 cigarettes a day"
4 "20 or more cigarettes a day"
5 "Smokes but don't know number of cigarettes".

* ECigVNw16

Numeric ECigVNw16 (F2.0).
Compute  ECigVNw16 = ECigNow16.
IF ECigEvr16 = 2  ECigVNw16 = 2.
If  Age< 16  ECigVNw16 = -2.
Variable label  ECigVNw16 "(D) Respondent uses e-cigarettes or vaping device at all nowadays".
Value label ECigVNw16 -6 "Schedule not obtained"
-9 "Refused" -8 "Don't know" -2 "Schedule not applicable"
-1 "Not applicable" 1 "Yes" 2 "No".

* ECigtot16

COMPUTE ECigtot16=-99.
if  Ecigevr16=1 and ECigVNw16 =1 ECigtot16=1.
if Ecigevr16=1 and  ECigVNw16 =2 ECigtot16=2.
if Ecigevr16=2 ECigtot16=3.
if ECigVNw16  LT 0 ECigtot16= ECigVNw16 .
exe.

variable labels ECigtot16 "(D) Respondent use of e-cigarettes or vaping device  (now / ever /
never)".
Val labs ECigtot16 1 "Current user" 2 "Have used in past" 3 "Never used e-cigarette or vaping
device"
-2 "Schedule not applicable" -6 "Schedule not obtained" -1 "Not applicable" -8 "Don't know".

* exposure to passive smoking.
* own or others' home.

IF ANY (0,passmk1,passmk3)psmkhm=0.
IF ANY (1,passmk1,passmk3)psmkhm=1.
```

```
Recode passmk1 (lo thru -1=COPY) INTO psmkhm.
VARIABLE LABEL psmkhm "(D) Ever exposed to passive smoke in own or others home".
VALUE LABELS psmkhm
 0 "Never exposed"
 1"Exposed".

* public place
*  Updated 2012 to reflect change of var names.
** Syntax also updated to exclude smoking in cars/vans as smoking in public places (only
smoking outside buildings / other public places).

Recode passmk5a (-1,-9,-6, -2, -8=COPY) (sysmis=-5) into psmkpp.
IF ANY (0,passmk5a,passmk6a)psmkpp=0.
IF ANY (1,passmk5a,passmk6a)psmkpp=1.
VARIABLE LABEL psmkpp "(D) Exposed to smoke in public place".
VALUE LABELS psmkpp
 0 "Never exposed"  1"Exposed" -9 "Refused/not answered"
-8 "Don't know" -6 "Schedule not obtained"
-2 "Schedule not applicable" -1 "Item not applicable".

* when advice given - including 'no advice received'.

missing values drsmoke1 drsmoke ().
COMPUTE whensadv = drsmoke1.
RECODE drsmoke (2=3) (-8,-1=COPY) INTO whensadv.
VARIABLE LABEL whensadv  "(D) When advice given - includes received no advice".
VALUE LABELS whensadv
 1 "In last 12 months"
 2"Over 12 months ago"
 3 "No advice received".

* how long since stopped smoking.

RECODE endsmoke (1=3)(2 thru 4=4)(5 thru 9=5)(10 thru 19=6)(20 thru hi=7) (else=copy) INTO
longstop.
if (longend=1)longstop=1.
if (longend=2)longstop=2.
VARIABLE LABEL longstop  "(D) How long since stopped smoking - grouped".
VALUE LABELS longstop
 1 "In past 6 months"  2 "6 month<1 year"
 3 "1<2 years" 4 "2<5 years"
5 "5<10 years" 6 "10<20 years"
7 "20 or more years".
exe.

* NicUse18.

COMPUTE nicuse18=2.
RECODE useNRT1c (lo thru -1=COPY) INTO nicuse18.
IF ANY (1, useNRT1c, useNRT2c, UseNRT3c, useNRT4c, useNRT5c, useNRT6c, useNRT7e,
usenrt8d) nicuse18=1.
IF ANY(-4, useNRT1c, useNRT2c, UseNRT3c, useNRT4c, useNRT5c, useNRT6c, useNRT7e,
usenrt8d) nicuse18=-4
VARIABLE LABEL nicuse18 "(D) Used nicotine products".
VALUE LABELS nicuse18
  1 "Used nicotine products"
```

```
  2 "Didn't use nicotine products"
  -4 “CAPI routing error” .

* DUALUSE: current dual cigarette and e-cigarette use.

COMPUTE Dualuse=-99.
IF rcigst1 = 3 and ecigtot16 = 1  Dualuse = 1.
IF NOT (rcigst1 = 3 and ecigtot16 = 1) Dualuse = 2.
IF ANY(-1,rcigst1,ecigtot16) Dualuse=-1.
IF ANY(-8,rcigst1,ecigtot16) Dualuse=-8.
IF ANY(-9,rcigst1,ecigtot16) Dualuse=-9.
if any(-6,rcigst1,ecigtot16) Dualuse = -6.
if any(-2,rcigst1,ecigtot16) Dualuse = -2.
VARIABLE LABEL dualuse “(D) Current dual cigarette and e-cigarette use”.
VALUE LABELS dualuse 1  “Yes” 2  “No” -1 “Item not applicable” -2  “Schedule not applicable” -8
“Don’t know” -9  “Refused”.
```

DRINKING

DRINKING – SUMMARY VARIABLES

alclim15: (D) Whether exceeds daily government recommendations on alcohol consumption – new guidelines

alclimLW: (D) Whether exceeds daily government recommendations on alcohol consumption

alcstatus: (D) Drinking status summary - using filter variables

```
************************************************.
*  Other alcohol derived variables
************************************************.

** alclim15 – dv based on new guidelines for men
** below ammended to use new overlim dv

compute alclim15=-1.

* MEN.
DO IF SEX=1.
if (dlimt4v2=1 OR overlim15=1)alclim15=3.
if (dlimt4v2=0) AND (overlim15=0) alclim15=4.
if d7day=2 AND overlim15=0 alclim15=4.
if (alcbsm15=1) alclim15=1.
if (alcbsm15=2) alclim15=2.
if any (-9,alcbsm15,d7day,overlim15,dlimt4v2 )alclim15=-9.
if any (-8,alcbsm15,d7day,overlim15,dlimt4v2 )alclim15=-8.
if any (-6,alcbsm15,d7day,overlim15,dlimt4v2 )alclim15=-6.
END IF.


* WOMEN.

DO IF SEX=2.
if (dlimt3v2=1 OR overlim15=1)alclim15=3.
if (dlimt3v2=0 AND overlim15=0) alclim15=4.
```

```
if d7day=2 AND overlim15=0 alclim15=4.
if (alcbswt=1) alclim15=1.
if (alcbswt=2) alclim15=2.
if any (-9,alcbswt,d7day,overlim15,dlimt3v2 )alclim15=-9.
if any (-8,alcbswt,d7day,overlim15,dlimt3v2 )alclim15=-8.
if any (-6,alcbswt,d7day,overlim15,dlimt4v2 )alclim15=-6.
END IF.
if age lt 16 alclim15=-2.
exe.

var label alclim15 "(D) Whether exceeds government recommendations on alcohol consumption - new
guidelines".
value labels alclim15 1 "Never drunk alcohol"      2 "Ex drinker"
            3 "Drinks outwith government guidelines"
            4 "Drinks within government guidelines"     -1 "Item not applicable"
          -2 "Schedule not applicable"   -6 "Schedule not obtained"
          -8 " Don't know"   -9 "Refused".

** alclimLW

COMPUTE alclimLW=-5.

* MEN.
DO IF SEX=1.
if (d7ut08g_2 gt 3)alclimLW=4.
if (d7ut08g_2 gt 0 and d7ut08g_2 le 3)alclimLW=5.
if (d7ut08g_2=0) alclimLW=3.
if (dnevr=1) alclimLW=1.
if (dnevr=2) alclimLW=2.
if (d7ut08g_2 lt 0)alclimLW=d7ut08g_2.
if age lt 16 alclimLW=-2.
END IF.

temp.
select if sex=1.

* WOMEN.

DO IF SEX=2.
if (d7ut08g_2 gt 2)alclimLW=4.
if (d7ut08g_2 gt 0 and d7ut08g_2 le 2)alclimLW=5.
if (d7ut08g_2=0) alclimLW=3.
if (dnevr=1) alclimLW=1.
if (dnevr=2) alclimLW=2.
if (d7ut08g_2 lt 0)alclimLW=d7ut08g_2.
if age lt 16 alclimLW=-2.
END IF.

VARIABLE LABEL alclimLW "(D) Whether exceeds daily government recommendations on alcohol
consumption".
VALUE LABELS alclimLW 1 "Never drunk alcohol"
2 "Ex drinker"
              3 "Did not drink last week"
4 "Drank outwith daily government guidelines last week"
5 "Drank within daily government guidelines last week"
          -1 "Item not applicable"
```

```
        -2 "Schedule not applicable"
        -6"Schedule not obtained"
        -8 " Don't know"
        -9 "Refused".

missing values dnnow dnany dnoft drunk1 drunk2 dtimes drunkt alclim alclimLW (lo thru -1).
*****************************************************************************************************************************.

compute alcstatus=-3.
if (dnnow=2 and dnany=2)alcstatus=0.
if (dnevr=1)alcstatus=1.
if (dnevr=2)alcstatus=2.
if (typesc ne 1 and (dnany=1 or dnoft=8))alcstatus=3.
if (typesc=1 and dnoft=8)alcstatus=4.
if((dnoft ge 1 and dnoft le 7) and d7day=1)alcstatus=5.
if((dnoft ge 1 and dnoft le 7) and d7day=2)alcstatus=6.
exe.

* missings.

if age lt 16 alcstatus=-2.
if any(-6,dnnow, dnoft,d7day,dnany)alcstatus=-6.
if (any(-9,dnnow,dnany) OR any(-8,dnnow,dnany)) AND NOT (any(-9, dnoft,d7day) OR any(-
8,dnoft,d7day)) alcstatus=-4.
if (any(-9, dnoft,d7day,dnany) OR any(-8,dnoft,d7day)) AND NOT(any(-9,dnnow,dnany) OR any(-
8,dnnow,dnany))  alcstatus=-5.
if (any(-9,dnnow,dnany) OR any(-8,dnnow,dnany)) AND (any(-9, dnoft,d7day) OR any(-8,dnoft,d7day))
alcstatus=-7.
exe.
var label alcstatus "(D) Drinking status summary - using filter variables".
value  label alcstatus 0 "non-drinker - don't know whether always or ex"
                          1 "always non-drinker"
                         2  "ex-drinker"
                         3 "CAPI occasional drinker/did not drink in last 12 months (not asked about last
                         week)"
                         4 "YA SC did not drink in the l2 months (asked about last week)"
                         5 "drank in the last 12 months and in the last week"
                         6  "drank in the last 12 months but not in the last week"
                         -4 "Refused /dk at weekly drinking filter variables"
                         -5 "Refused /dk at last week drinking filter variables"
                         -7 "Refused/dk at both sets of filter variables"
                         -6 "Young adult SC not returned"
                         -2 "Child".
```

DRINKING IN LAST 12 MONTHS

nberwu: (D) Units of normal beer/week
sberwu: (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
drating: (D) Total Units of alcohol/week
alcbase: (D) Alcohol consumption rating units/week
alcbsm15: (D) Alcohol consumption: men - 2016 guidelines
alcbswt: (D) Alcohol consumption: women
alcbsm215: (D) Alcohol consumption: men version 2
alcbswt2: (D) Alcohol consumption: women version 2
overlim15: (D) Drinking in relation to weekly limits (includes non-drinkers) – 2016 guidelines
drnkoft1: (D) Frequency of drinking alcohol (ALL 16+)

```
*** weekly units.

RECODE nberf (1=7)(2=5.5)(3=3.5)(4=1.5)(5=0.375)(6=0.115)(7=0.029)(ELSE=0)
  INTO xnber.
RECODE sberf (1=7)(2=5.5)(3=3.5)(4=1.5)(5=0.375)(6=0.115)(7=0.029)(ELSE=0)
  INTO xsber.
RECODE spirf (1=7)(2=5.5)(3=3.5)(4=1.5)(5=0.375)(6=0.115)(7=0.029)(ELSE=0)
  INTO xspir.
RECODE sherf (1=7)(2=5.5)(3=3.5)(4=1.5)(5=0.375)(6=0.115)(7=0.029)(ELSE=0)
  INTO xsher.
RECODE winef (1=7)(2=5.5)(3=3.5)(4=1.5)(5=0.375)(6=0.115)(7=0.029)(ELSE=0)
  INTO xwine.
RECODE popsf (1=7)(2=5.5)(3=3.5)(4=1.5)(5=0.375)(6=0.115)(7=0.029)(ELSE=0)
  INTO xpops.
exe.

** calculate weekly units of alcohol for each drink type.
* starts off each type by setting to 0 for all respondents
* missings accounted for at the end.
* conversion for named bottled beers.

COMPUTE norbot=ncodeeq*2.5.
COMPUTE strbot=scodeeq*4.
exe.

* normal beer.

COMPUTE nberwu=0.
if (nberqhp > 0) nberwu=nberwu+(xnber*nberqhp).
if (nberqsm > 0) nberwu=nberwu+(xnber*nberqsm*1.5).
if (nberqlg > 0) nberwu=nberwu+(xnber*nberqlg*2).
if (nberqbt > 0) nberwu=nberwu+(xnber*nberqbt*norbot).

* strong beer.

COMPUTE sberwu=0.
if (sberqhp > 0) sberwu=sberwu+(xsber*sberqhp*2).
```

```
if (sberqsm > 0) sberwu=sberwu+(xsber*sberqsm*2).
if (sberqlg > 0) sberwu=sberwu+(xsber*sberqlg*3).
if (sberqbt > 0) sberwu=sberwu+(xsber*sberqbt*strbot).

* spirits - no new conversion factor.

COMPUTE spirwu=0.
if(spirqme>0)spirwu=spirwu+(xspir*spirqme).
exe.

* sherry etc - no new conversion factor.

COMPUTE sherwu=0.
if (sherqgs>0) sherwu=sherwu+(xsher*sherqgs).

* wine - 3 glass sizes + bottles (as 125ml glasses).

COMPUTE winewu=0.
if (win125g>0) winewu=winewu+(xwine*win125g*1.5).
if (win175g>0) winewu=winewu+(xwine*win175g*2).
if (win250g>0) winewu=winewu+(xwine*win250g*3).
if (win125b>0) winewu=winewu+(xwine*win125b*1.5).

* alcopops - now 2 sizes of bottle with differeent conversion factors.

COMPUTE popswu=0.
if (popsqsc>0)popswu=popswu+(xpops*popsqsc*1.5).
if (popsqsb>0)popswu=popswu+(xpops*popsqsb*1.5).
if (popsqlb>0)popswu=popswu+(xpops*popsqlb*3.5).

* set to missings if dnnow OR dnany missing.

DO IF dnnow=-9 | dnany=-9.
DO REPEAT xmiss=nberwu sberwu spirwu sherwu winewu popswu.
COMPUTE xmiss=-9.
END REPEAT.
END IF.

DO IF dnnow=-8 | dnany=-8.
DO REPEAT xmiss=nberwu sberwu spirwu sherwu winewu popswu.
COMPUTE xmiss=-8.
END REPEAT.
END IF.

* set alcohol type totals to missing if any of the measures are missing.

IF ANY (-9,nberf,nberqhp,nberqbt,nberqsm,nberqlg) nberwu=-9.
IF ANY(-8,nberf,nberqhp,nberqbt,nberqsm,nberqlg) nberwu=-8.
IF ANY(-9,sberf,sberqhp,sberqbt,sberqsm,sberqlg) sberwu=-9.
IF ANY(-8,sberf,sberqhp,sberqbt,sberqsm,sberqlg) sberwu=-8.
IF ANY(-9,spirf,spirqme) spirwu=-9.
IF ANY(-8,spirf,spirqme) spirwu=-8.
IF ANY(-9,sherf,sherqgs) sherwu=-9.
IF ANY(-8,sherf,sherqgs) sherwu=-8.
IF ANY(-9,winef,win250g,win175g,win125g,win125b) winewu=-9.
IF ANY(-8,winef,win250g,win175g,win125g,win125b) winewu=-8.
```

```
IF ANY(-9,popsf,popsqsc,popsqsb,popsqlb)popswu=-9.
IF ANY(-8,popsf,popsqsc,popsqsb,popsqlb) popswu=-8.

* set to not applicable for under 16s.

DO IF age<16.
DO REPEAT xmiss=nberwu sberwu spirwu sherwu winewu popswu.
COMPUTE xmiss=-2.
END REPEAT.
END IF.
VARIABLE LABELS
   nberwu "(D) Units of normal beer/week"
   sberwu "(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".

** DRATING - total alcohol units.

COMPUTE drating=0.
IF (nberwu>0) drating=drating+nberwu.
IF (sberwu>0) drating=drating+sberwu.
IF (spirwu>0) drating=drating+spirwu.
IF (sherwu>0) drating=drating+sherwu.
IF (winewu>0) drating=drating+winewu.
IF (popswu>0) drating=drating+popswu.
IF ANY(-9,nberwu,sberwu,spirwu,sherwu,winewu,popswu) drating=-9.
IF ANY(-8,nberwu,sberwu,spirwu,sherwu,winewu,popswu) drating=-8.
IF ANY(-1,nberwu,sberwu,spirwu,sherwu,winewu,popswu) drating=-1.
IF age lt 16 drating=-2.
VARIABLE LABEL drating "(D) Total Units of alcohol/week".

* note: drating of 0 includes people who drank occasionally but had not drunk in the last 12
months.

RECODE drating (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=9) (35 thru 50=11)(50 thru hi=12).
INTO alcbase.
exe.
RECODE dnevr(1=1)(2=2) INTO alcbase.
IF ANY(-9,drating,dnnow,dnany,dnevr) alcbase=-9.
IF ANY(-8,drating,dnnow,dnany,dnevr) alcbase=-8.
IF ANY(-1,drating,dnnow) alcbase=-1.
IF age lt 16 alcbase=-2.
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".


** ALCBASM & ALCBASWT.
** alcbsm15 – new guidelines

DO IF (sex=1).
RECODE alcbase (1=1)(2=2)(3 thru 4=3)(5 =4) (6 thru 7= 5) (8 thru 10 =6) (11 =7) (12 =8) (lo
thru -1 = COPY) INTO alcbsm15.
end if.
IF (sex=2) alcbsm15=-1 .
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 .
IF AGE LT 16 alcbswt=-2.
IF AGE LT 16 alcbsm15=-2.
VARIABLE LABELS alcbsm15 "(D) Alcohol consumption: men – 2016 guidelines" .
VARIABLE LABELS alcbswt "(D) Alcohol consumption: women" .

VALUE LABELS alcbsm15   1 'Never drunk alcohol'   2 'Ex-drinker'   3 'Under 1 per week'
  4 'Over 1-7'   5 'Over 7-14'   6 'Over 14-35'   7 "Over 35-50"
  8 'Over 50 units per week' -9 "Refused/not answered"
-8 "Don't know" -6 "Schedule not obtained"
-2 "Schedule not applicable" -1 "Item not applicable".
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'.

** BELOW AMMENDED TO RELFECT NEW GUIDELINES.
**To create a recode of banded alcohol consumption IN LAST WEEK amongst men & women -
alcbsmt/alcbswt.
**This version collapses the first three categories into 1.

fre alcbsm15.

Recode alcbsm15 (1 thru 3 = 1) (4=2) (5=3) (6 thru 8 = 4) (else=copy) into alcbsm215.
var labs alcbsm215 '(D) Alcohol consumption: men version 2'.
val labs alcbsm215
1 'Never/Ex/Under 1 unit per wk' 2 'Over 1-7'
3 'Over 7-14' 4 'Over 14' -9 "Refused/not answered" -8 "Don't know" -6 "Schedule not obtained"
-2 "Schedule not applicable" -1 "Item not applicable".
exe.

Recode alcbswt (1 thru 3 = 1) (4=2) (5=3) (6 thru 8 =4) (else=copy) into alcbswt2.
var labs alcbswt2 '(D) Alcohol consumption: women version 2'.
val labs alcbswt2
1 'Never/Ex/Under 1 unit per wk' 2 'Over 1-7'
3 'Over 7-14' 4 'Over 14'
-9 "Refused/not answered" -8 "Don't know" -6 "Schedule not obtained"
-2 "Schedule not applicable" -1 "Item not applicable".
```

```
exe.


** overlim - changed to reflect new guidelines of men bein gup to 14 units per week (in line with
women).

** OVERLIM.

RECODE drating (-9=COPY)(-8=COPY)(-1=COPY)(-6=COPY)(0 thru hi=0) INTO overlim15.
IF drating gt 14 overlim15=1.
IF AGE LT 16 overlim15=-2.
VARIABLE LABELS overlim15 "(D) Drinking in relation to weekly limits (includes non-drinkers) -
2016 guidelines men and women 14 units ".
VALUE LABELS overlim15
 0 "From 0 up to and including weekly limit"  1 "Over weekly limit"
-9 "Refused/not answered" -8 "Don't know"
-6 "Schedule not obtained" -2 "Schedule not applicable"
-1 "Item not applicable".
```

DRINKING IN LAST 7 DAYS

d7ut08: (D) Units drunk on heaviest day in last 7
d7ut08g: (D) Adjusted for wine, beer, and alcopops - units drunk on heaviest day in last 7 (grouped)
d7ut08_2: (D) Units drunk on heaviest day (ALL 16+)
d7ut08g_2: (D) units drunk on heaviest day in last 7 (grouped) ALL 16+
dlimtm4: (D) Heaviest day - over daily limit - men - More than 4 units
dlimtw3: (D) Heaviest day - over daily limit - women - More than 3 units
dlimtw6: (D) Heaviest day - over daily limit - women - More than 6 units
dlimtm8: (D) Heaviest day - over daily limit - men - More than 8 units
dlimt4v2: (D) Heaviest day - over daily limit - men - More than 4 units - ALL 16+
dlimt3v2: (D) Heaviest day - over daily limit - women - More than 3 units - ALL 16+
dlimt6v2: (D) Heaviest day - over daily limit - women - More than 6 units - ALL 16+
dlimt8v2: (D) Heaviest day - over daily limit - men - More than 8 units - ALL 16+'
ovlimLW: (D) Whether drank over recommended limits in last week
olimLWa: (D) Drinking over (3/4) units in day (includes non-drinkers)
olimLWb: (D) Drinking over (6/8) units in day (includes non-drinkers)
drkcat: (D) weekly drinking category
drkcat_200: (D) Weekly drinking category - excluding cases over 200 units
drkcat3: (D) Weekly drinking category - 3 categories (non/mod/haz/harmful)
drkcat15: (D) weekly drinking category – 2016 guidelines
drkcat_215: (D) Weekly drinking category - excluding cases over 200 units - 2016 guidelines
drkcat315: (D) Weekly drinking category - 3 categories (non/mod/haz/harmful) – 2016 guidelines
d7_6plus: (D) Drank on 6 or more days a week
alcgrp16: (D) Alcohol consumption in the last week - non-drinker / ex-drinker / moderate / hazardous / harmful

```
**********************************************************.
*** syntax for heaviest day drinking DVs     **.
```

```
********************************************** ********.
missing values all ().

* bottled beers - pint equivalents.

COMPUTE norbot=L7NCodEq*2.5.
IF L7NCodEq lt 0 norbot=0.
exe.
COMPUTE strbot=L7SCodEq*4.
IF L7SCodEq lt 0 strbot=0.

** total units consumed on heaviest drinking day.

COMPUTE d7ut08=0.
exe.

*normal strength beer.

IF (nberqhp7>0) d7ut08=d7ut08+nberqhp7.
IF (nberqsm7>0) d7ut08=d7ut08+(nberqsm7*1.5).
IF (nberqlg7>0) d7ut08=d7ut08+(nberqlg7*2).
IF (nberqbt7>0) d7ut08=d7ut08+(nberqbt7*norbot).
exe.

*strong beer.
IF (sberqhp7>0) d7ut08=d7ut08+(sberqhp7*2).
IF (sberqsm7>0) d7ut08=d7ut08+(sberqsm7*2).
IF (sberqlg7>0) d7ut08=d7ut08+(sberqlg7*3).
IF (sberqbt7>0) d7ut08=d7ut08+(sberqbt7*strbot).
exe.

*spirits, sherry - no change.
IF (spirqme7>0) d7ut08=d7ut08+spirqme7.
IF (sherqgs7>0) d7ut08=d7ut08+sherqgs7.
exe.

*wine, 3 glass sizes.
if (w125gl7>0) d7ut08=d7ut08+(w125gl7*1.5).
if (w175gl7>0) d7ut08=d7ut08+(w175gl7*2).
if (w250gl7>0) d7ut08=d7ut08+(w250gl7*3).
if (w125bl7>0) d7ut08=d7ut08+(w125bl7*1.5).
exe.

*alcopops, 3 bottle/can sizes.

IF (popscl7>0) d7ut08=d7ut08+(popscl7*1.5).
IF (popsbl7>0) d7ut08=d7ut08+(popsbl7*1.5).
IF (poplbl7>0) d7ut08=d7ut08+(poplbl7*3.5).
exe.

* setting missings for total units if ANY individual drink types are missing.

IF ANY(-9,nberqhp7,nberqsm7,nberqlg7, nberqbt7, sberqhp7,sberqsm7,
sberqlg7, sberqbt7, spirqme7,sherqgs7,w125gl7,w175gl7,w250gl7,w125bl7,
popscl7,popsbl7,poplbl7) d7ut08=-9.
exe.
```

```
IF ANY(-8,nberqhp7,nberqsm7,nberqlg7, nberqbt7, sberqhp7,sberqsm7,
sberqlg7, sberqbt7, spirqme7,sherqgs7,w125gl7,w175gl7,w250gl7,w125bl7,
popscl7,popsbl7,poplbl7) d7ut08=-8.
exe.


* bases for the alcohol report tables are 'Age 16 and over who drank alcohol in past week';.
* so more not applicables have to be set based on response to d7day.

IF d7day=2 d7ut08=-1.
IF d7day=-1 d7ut08=-1.
IF d7day=-9 d7ut08=-9.
IF d7day=-8 d7ut08=-8.
exe.


* if not age 16+ set to scehule not applicable.

IF age lt 16 d7ut08=-2.
exe.

VARIABLE LABEL d7ut08 "(D) Units drunk on heaviest day in last 7".
exe.

RECODE d7ut08 (0 thru 2=1)(2 thru 3=2)(3 thru 4=3)(4 thru 5=4)(5 thru 6=5)(6 thru 8=6)(8 thru
hi=7) (else=copy) INTO d7ut08g.
VARIABLE LABEL d7ut08g "(D) ADJUSTED FOR WINE BEER AND ALCOPOPS - units drunk
on heaviest day in last 7 (grouped)".
VALUE LABELS d7ut08g
 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) 8"
 7 "Over 8".
exe.

**To create a recode of banded alcohol consumption on HEAVIEST DRINKING DAY amongst
men & women - d7ut08g

Recode d7ut08g (1 thru 3 = 1) (4 thru 8 =2) (else=copy) INTO dlimtm4.
VARIABLE LABEL dlimtm4 '(D) Heaviest day - over daily limit - men - More than 4 units'.
VALUE LABELS dlimtm4
1 '0-4 units’
2 'Over 4 units'.
exe.

Recode d7ut08g (1 thru 2 = 1) (3 thru 8 =2) (else=copy) INTO dlimtw3.
VARIABLE LABEL dlimtw3 '(D) Heaviest day - over daily limit - women - More than 3 units'.
VALUE LABELS dlimtw3
1 '0-3 units'
2 'Over 3 units'.
exe.

Recode d7ut08g (1 thru 5 = 1) (6 thru 8 =2) (else=copy) INTO dlimtw6.
```

```
VARIABLE LABEL dlimtw6 '(D) Heaviest day - over daily limit - women - More than 6 units'.
VALUE LABELS dlimtw6
1 '0-6 units'
2 'More than 6 units'.
exe.

Recode d7ut08g (1 thru 6 = 1) (7 =2) (else=copy) INTO dlimtm8.
VARIABLE LABEL dlimtm8 '(D) Heaviest day - over daily limit - men - More than 8 units'.
VALUE LABELS dlimtm8
1 '0-8 units''
2 'More than 8 units'.
exe.

** To create the same DVs with the base of all adults (i.e. including non-drinkers) for d7ut08 and
d7ut08g

COMPUTE d7ut08_2=d7ut08.
If d7day=2 d7ut08_2 = 0.
If dnnow = 2 d7ut08_2  = 0.
If dnnow = 2 and d7day = 1 d7ut08_2 =d7ut08.
If dnnow = 1 and dnoft = 8 d7ut08_2 = 0.
VARIABLE LABEL d7ut08_2 "(D) Units drunk on heaviest day (ALL 16+)".

RECODE d7ut08_2 (0=0)(0 thru 2=1)(2 thru 3=2)(3 thru 4=3)(4 thru 5=4)(5 thru 6=5)(6 thru
8=6)(8 thru hi=7) (else=copy) INTO d7ut08g_2.
VARIABLE LABEL d7ut08g_2 "(D) Units drunk on heaviest day in last 7 (ALL 16+ grouped)".
VALUE LABELS d7ut08g_2
  0 "Did not drink in last week"
 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) 8"
 7 "Over 8"
-1 "Item not applicable"
-2 "Schedule not applicable"
-9 "Refused"
-8 "Don't know".
exe.

** The base for this variable is 6380 - 5 more than the weekly drinking variable.  Note that it will
not be possible to
** completely align these two summary variables as they are based on different sets of
constituent variables all of
** which have different response patterns (i.e. someone may not have completed all the weekly
drinking information
** correctly but may have supplied all of the daily drinking info - they will therefore have a daily
drinking summary but
** not a weekly drinking summary.

Recode d7ut08g_2  (1 thru 3 = 0) (4 thru 8 =1) (else=copy) INTO dlimt4v2.
VARIABLE LABEL dlimt4v2 '(D) Heaviest day - over daily limit - men - More than 4 units - ALL
16+'.
VALUE LABELS dlimt4v2
0 '4 or less units'
```

```
1 'Over 4 units'.
If sex = 2 dlimt4v2 = -1.
exe.

Recode d7ut08g_2  (0 thru 2 = 0) (3 thru 8 =1) (else=copy) INTO dlimt3v2.
VARIABLE LABEL dlimt3v2 '(D) Heaviest day - over daily limit - women - More than 3 units - ALL
16+'.
VALUE LABELS dlimt3v2
0 '3 or less units'
1 'Over 3 units'.
If sex = 1 dlimt3v2 = -1.
exe.

Recode d7ut08g_2 (0 thru 5 = 0) (6 thru 8 =1) (else=copy) INTO dlimt6v2 .
VARIABLE LABEL dlimt6v2  '(D) Heaviest day - over daily limit - women - More than 6 units - ALL
16+'.
VALUE LABELS dlimt6v2
0 '6 or less units'
1 'More than 6 units'.
If sex = 1 dlimt6v2 = -1.
exe.

Recode d7ut08g_2  (0 thru 6 = 0) (7 =1) (else=copy) INTO dlimt8v2.
VARIABLE LABEL dlimt8v2 '(D) Heaviest day - over daily limit - men - More than 8 units - ALL
16+'.
VALUE LABELS dlimt8v2  0 '8 or less units' 1 'Over 8 units'.
If sex = 2 dlimt8v2 = -1.
exe.

** ALL ADULTS - heaviest day last week

* ovlimLW

COMPUTE ovlimLW=-1.
if((sex=1 and  dlimt4v2=0) OR (sex=2 and dlimt3v2=0)) ovlimLW=1.
if((sex=1 and  dlimt4v2=1) OR (sex=2 and dlimt3v2=1)) ovlimLW=2.
if(sex=1 and dlimt8v2=1) OR (sex=2 and dlimt6v2=1) ovlimLW=3.
IF (dnnow=2 and dnany=2) ovlimLW=0.
IF age lt 16 ovlimLW=-2.

VARIABLE LABEL ovlimLW "(D) Whether drank over recommended limits in last week".
VALUE LABELS ovlimLW    0"Non-drinker"   1"Drank 3/4units or less"
  2 "Drank over 3/4 up to (and including) 6/8" 3 "Drank over 6/8 units".

** OLIMLWa.

RECODE d7ut08_2 (-9=COPY)(-8=COPY)(-6=copy)(-1=COPY)(0 thru hi=0) INTO olimLWa.
IF sex=1 & d7ut08_2 gt  4 olimLWa=1.
IF sex=2 & d7ut08_2 gt  3 olimLWa=1.
IF AGE LT 16 olimLWa =-2.
VARIABLE LABELS olimLWa "(D) Drinking over (3/4) units in day  (includes non-drinkers)".
VALUE LABELS olimLWa  0 "From 0 up to and including  M4,F3"  1 "Over M4,F3".

** OLIMLWb.

RECODE d7ut08_2 (-9=COPY)(-8=COPY)(-6=copy)(-1=COPY)(0 thru hi=0) INTO olimLWb.
```

```
IF sex=1 & d7ut08_2 gt 8  olimLWb=1.
IF sex=2 & d7ut08_2 gt 6 olimLWb=1.
IF AGE LT 16 olimLWb=-2.
VARIABLE LABELS olimLWb "(D) Drinking over  (6/8) units in day  (includes non-drinkers)".
VALUE LABELS olimLWb  0 "From 0 up to and including  M8,F6"  1 "Over M8,F6".

**  Moderate/hazardous/harmful drinking DV

* men.
DO IF sex=1.
if (drating le 21) drkcat=2.
if (drating gt 21 and drating le 50) drkcat=3.
if (drating gt 50) drkcat=4.
END IF.

* women.
DO IF sex=2.
if (drating le 14) drkcat=2.
if (drating gt 14 and drating le 35) drkcat=3.
if (drating gt 35) drkcat=4.
END IF.

* non-drinkers.

IF (dnnow=2 and dnany=2) drkcat=1.

* copy missings over.

RECODE drating (lo thru -1=copy) INTO drkcat.

* missing for children.

if age lt 16 drkcat=-2.

VARIABLE LABEL drkcat "(D) weekly drinking category".
VALUE LABELS drkcat 1'Non-drinker'
                    2"moderate (men up to and including 21 /women up to and including 14)"
                    3"hazardous (men over 21 up to and including 50/women over 14 up to and
including 35)"
                    4"harmful (men over 50/ women over 35)"
                   -1 "Item not applicable"
                   -2 "Schedule not applicable"
                   -6 "Schedule not received"
                   -8 " Don't know"
                   -9 "Refused".
.
* creating a version with 'outliers left out'

COMPUTE drkcat_200=drkcat.
if drating gt 200 drkcat_200=-5.
VARIABLE LABELS drkcat_200 "(D) weekly drinking category - excluding all over 200".
VALUE LABELS drkcat_200 1'Non-drinker'
                    2"moderate (men up to and including 21 /women up to and including 14)"
                    3"hazardous (men over 21 up to and including 50/women over 14 up to and
including 35)"
                    4"harmful (men over 50/ women over 35 - excluding all men/women above
```

```
200)".

* 3-category version

* men.
DO IF sex=1.
if (drating le 21) drkcat3=2.
if (drating gt 21) drkcat3=3.
END IF.


* women.
DO IF sex=2.
if (drating le 14) drkcat3=2.
if (drating gt 14) drkcat3=3.
END IF.

* non-drinkers.

IF (dnnow=2 and dnany=2) drkcat3=1.

* copy missings over.

RECODE drating (lo thru -1=copy) INTO drkcat3.

* missing for children.

if age lt 16 drkcat3=-2.

VARIABLE LABELS drkcat3 "(D) Weekly drinking category - 3 categories
(non/moderate/hazardous or harmful)".
VALUE LABELS drkcat3 1'Non-drinker'     2"Moderate (men up to and including 21 /women up to
and including 14)"     3"Hazardous/harmful (men over 21/women over 14)"  -9 "Refused"     -8
"Don't know"      -6 "Schedule not received"-2 "Schedule not applicable".

***** NEW FOR 2015 - DRKCAT BASED ON NEW GUIDELINES FOR MEN  *****
** RECOMMENDED GUIDELINES IS UP TO 14 UNITS FOR MEN (IN LINE WITH WOMEN)

** drkcat15

* up to and including 14=moderate
* for men 14 - 50  and women over 14 up to and including 35=hazardous
* over 35=harmful and over 50 for men = harmful

Compute drkcat15=-99.
if (drating le 14) drkcat15=2.
DO IF sex=1.
if (drating gt 14 and drating le 50) drkcat15=3.
if (drating gt 50) drkcat15=4.
END IF.

* women.
DO IF sex=2.
if (drating gt 14 and drating le 35) drkcat15=3.
if (drating gt 35) drkcat15=4.
END IF.
```

```
* non-drinkers.

IF (dnnow=2 and dnany=2) drkcat15=1.

* copy missings over.

RECODE drating (lo thru -1=copy) into drkcat15.

* missing for children.

if age lt 16 drkcat15=-2.

var labels drkcat15 "(D) Weekly drinking category – 2016 guidelines for men and women".
value labels drkcat15 1'Non-drinker'     2"Moderate (up to and including 14)"
   3"Hazardous (men over 14 up to and including 50/women over 14 up to and including 35)"
     4"Harmful (men over 50/ women over 35)"      -1 "Item not applicable" -2 "Schedule not
applicable" -6 "Schedule not received"  -8 " Don't know" -9 "Refused".



compute drkcat_215=drkcat15.
if drating gt 200 drkcat_215=-1.
var labels drkcat_215 "(D) Weekly drinking category, excluding all over 200 – 2016 guidelines for
men and women".
value labels drkcat_215
1 'Non-drinker'
2"Moderate (up to and including 14)"
3"Hazardous (men over 14 up to and including 50/women over 14 up to and including 35)"
4"Harmful (men over 50/ women over 35- excluding all men/women above 200)"
-1 "Item not applicable"
-2 "Schedule not applicable"
-6 "Schedule not received"
-8 " Don't know"
-9 "Refused".

*** DRKCAT315

* men
* up to and including 14 = moderate, * over 14=hazardous/harmful,
* women
* up to and including 14=moderate
* over 14 =hazardous/harmful

COMPUTE drkcat315 = -99.
if (drating le 14) drkcat315=2.
if (drating gt 14) drkcat315=3.

* non-drinkers.

IF (dnnow=2 and dnany=2) drkcat315=1.

* copy missings over.

RECODE drating (lo thru -1=copy) into drkcat315.
```

```
* missing for children.

if age lt 16 drkcat315=-2.

var labels drkcat315 "(D) Weekly drinking category - 3 categories (non/moderate/hazardous or
harmful) 2016 guidelines".
value labels drkcat315 1'Non-drinker'  2"Moderate (up to and including 14)"
   3"Hazardous/harmful (over 14)"  -9 "Refused"      -8 "Don't know" -6 "Schedule obtained"
   -2 "Schedule not applicable"  -1 "Item not applicable".

Recode d7many (6 thru 7=1) (1 thru 5=0) (else=copy) into d7_6plus.
VARIABLE LABELS d7_6plus "(D) Drank on 6 or more days a week".
VALUE LABELS d7_6plus 0 "Drank on fewer than 6 days a week"    1 "Drank 6 or more days a
week"     -9 "Refused/not answered" -8 "Don't know" -6 "Schedule not obtained"
  -2 "Schedule not applicable" -1 "Item not applicable".

RECODE drating  (0 thru 14=3) (14 thru 35 =4) (35 thru hi =5 )  INTO alcgrp16.
RECODE dnevr(1=1)(2=2) INTO  alcgrp16.
IF ANY(-9,drating,dnnow,dnany,dnevr)  alcgrp16=-9.
IF ANY(-8,drating,dnnow,dnany,dnevr)  alcgrp16=-8.
IF ANY(-6,drating,dnnow,dnany,dnevr)  alcgrp16=-6.
IF ANY(-1,drating,dnnow)  alcgrp16=-1.
if age lt 16  alcgrp16=-2.
variable labels alcgrp16 “(D) Alcohol consumption in the last week - non-drinker / ex-drinker /
moderate / hazardous / harmful”.
add value labels alcgrp16 1 “Non-drinker - never drank”
2 “Ex-drinker” 3 “Moderate levels - 0 units, up to and including 14”
4 “Hazardous levels  - over 14 up to and including 35 units”
5 “Harmful levels - 35 units and over”.
```

Alcohol Use Disorders Identification Test SCALE

AUDIT: (D) Alcohol Use Disorders Identification Test Score (0-40)
AUDITG: (D) Alcohol Use Disorders Identification Test Score - grouped (0-7/8+)
AUDIT2: (D) Alcohol Use Disorders Identification Test Score - grouped (0-7/8-15/16-19/20+)
AUDIT16: (D) Alcohol Use Disorders Identification Test Score - grouped (0-15/16+)
AUDIT20: (D) Alcohol Use Disorders Identification Test Score - grouped (0-19/20+)

```
* AUDIT scale .

* as values are being added have to start scale at 0 and then set missings.

compute AUDIT=0.
IF DXOFT > 0 AUDIT=AUDIT + (DXOFT-1).
IF DXNUM > 0 AUDIT=AUDIT + (DXNUM-1).
IF DXBINGE > 0 AUDIT=AUDIT + (DXBINGE-1).
IF DXNSTOP > 0 AUDIT=AUDIT + (DXNSTOP-1).
IF DXFAIL > 0 AUDIT=AUDIT + (DXFAIL-1).
IF DXFIRST > 0 AUDIT=AUDIT + (DXFIRST-1).
IF DXGUILT > 0 AUDIT=AUDIT + (DXGUILT-1).
IF DXUNABLE > 0 AUDIT=AUDIT + (DXUNABLE-1).
IF DXINJURE=2 AUDIT =AUDIT+2.
IF DXINJURE=3 AUDIT=AUDIT+4.
```

```
IF DXCUT=2 AUDIT =AUDIT+2.
IF DXCUT=3 AUDIT=AUDIT+4.
exe.

* non/less frequent drinkers - not asked audit questions but should be given a score of 0.
* n.b all self-competion SC non-returners will be set to -6 later in the syntax.

if ((dnnow =2 and dnany=2) or dnoft gt 6) AUDIT=0.
exe.

* SETTING MISSINGS.

* did not return a self-completion.
IF (age ge 16 and typesc=-1) AUDIT=-6.

* under 16.
IF age lt 16 AUDIT=-2.

* any item refusals set scale to -9.
if any (-9,  DXOFT, DXNUM, DXBINGE, DXNSTOP, DXFAIL, DXFIRST, DXGUILT,  DXUNABLE,
DXINJURE, DXCUT) audit=-9.

var label AUDIT "(D) Alcohol Use Disorders Identification Test Score (0-40)".
value labels AUDIT  -9 "Refused/not answered"
                    -6 "Schedule not obtained"
                    -2 "Schedule not applicable".

freq audit

* AUDITG.

recode AUDIT (0 thru 7=0) (8 thru 40=1) (ELSE=copy) into AUDITG.
var label AUDITG "(D) Alcohol Use Disorders Identification Test Score - grouped (0-7/8+)".
value labels AUDITG 0 "0-7"
                    1 "8 or more (hazardous/harmful drinking"
                    -9 "Refused/not answered"
                    -6 "Schedule not obtained"
                    -2 "Schedule not applicable".

* AUDIT2.

recode AUDIT (0 thru 7=1) ( 8 thru 15=2) (16 thru 19=3) (20 thru hi=4) (else=copy) into AUDIT2.
var label AUDIT2 "(D) Alcohol Use Disorders Identification Test Score - grouped (0-7/8-15/16-
19/20+)".
val labels  AUDIT2     1 "low risk drinking/abstenence (0-7)"
                       2 "hazarbous drinking (8-15)"
                       3 "harmful drinking (16-19)"
                       4 "possible alcohol dependence (20+)"
                      -9 "Refused/not answered"
                      -6 "Schedule not obtained"
                      -2 "Schedule not applicable".

* AUDIT16.

recode AUDIT (0 thru 15=0) (16 thru hi =1) (else=copy) into AUDIT16.
var label AUDIT16 "(D) Alcohol Use Disorders Identification Test Score - grouped (0-15/16+)".
```

```
val labels  AUDIT16     0 "low or medium risk drinking (0-15)"
                          1 "high risk of hazardous/harmful drinking or alcohol dependence (16+)"
                         -9 "Refused/not answered"
                         -6 "Schedule not obtained"
                         -2 "Schedule not applicable".

* AUDIT20.

recode AUDIT (0 thru 19=0) (20 thru hi =1) (else=copy) into AUDIT20.
var label AUDIT20 "(D) Alcohol Use Disorders Identification Test Score - grouped (0-19/20+)".
val labels  AUDIT20     0 "no dependence on alcohol (0-19)"
                          1 "possible alcohol dependence (20+)"
                         -9 "Refused/not answered"
                         -6 "Schedule not obtained"
                         -2 "Schedule not applicable".
```

GAMBLING

Anyacty: (D) Whether spent money on any gambling activity in last 12 months
Nactivy: (D) Number of activities participated in within last 12 months
Nactygr: (D) Number of activities participated in within last 12 months (grouped)
PGSI1: (D) Answer to PGSI item 1
PGSI2: (D) Answer to PGSI item 2
PGSI3: (D) Answer to PGSI item 3
PGSI4: (D) Answer to PGSI item 4
PGSI5: (D) Answer to PGSI item 5
PGSI6: (D) Answer to PGSI item 6
PGSI7: (D) Answer to PGSI item 7
PGSI8: (D) Answer to PGSI item 8
PGSI9: (D) Answer to PGSI item 9
pgsisc: (D) PGSI score
PGSIprob: (D) PGSI problem gambling score, grouped
NotLot: (D) Any gambling activity other than National Lottery
onlinegam: (D) Any online gambling activity other than National Lottery

```
* First need to code missings.

Recode GALA GALB GALC GALE GALD GALF GALG GALS GALH GALJ GALT GALU GALK
GALLX GALM GALN GALO GALP GALQ
  P1 P2 P3 P4 P5 P6 P7 P8 P9 (-8=-9).

count x_gal = GALA to GALQ (1).
recode x_gal (0=0)(lo thru hi=1).
freq x_gal.

* count the number of -9s.

count x_miss = GALA to GALQ (-9).
freq x_miss.

* count the number of 'yes'.

count x_gal = GALA to GALQ (1).

* add together the number of -9s and the number of 1s.
```

```
* if this comes to 19 then the only answers were 1 or -9.

compute x_tot=x_gal+x_miss.
exe.

* recode -9  to -3 at the moment to check what happens.

DO IF x_tot=19 and x_miss gt 0 and x_gal gt 0.
recode GALA GALB GALC GALE GALD GALF GALG GALS GALH GALJ GALT GALU GALK
GALLX GALM GALN GALO GALP GALQ (-9=-3).
END IF.

* these look OK so now recode the -3s to 2.

RECODE GALA GALB GALC GALE GALD GALF GALG GALS GALH GALJ GALT GALU GALK
GALLX GALM GALN GALO GALP GALQ (-3=2).
exe.

**********.
* Anyacty.

compute Anyacty=-8.
if any (1, GALA, GALB, GALC, GALE, GALD, GALF, GALG, GALS, GALH, GALJ, GALT, GALU,
GALK, GALLX, GALM,
 GALN, GALO, GALP, GALQ) Anyacty=1.

if (GALA=2 and GALB=2 and GALC=2 and GALE=2 and GALD=2 and GALF=2 and GALG=2 and
GALS=2 and
GALH=2 and GALJ=2 and GALT=2 and GALU=2 and GALK=2 and GALLX=2 and GALM=2 and
GALN=2 and GALO=2
and GALP=2 and GALQ=2) Anyacty=2.

If GALA=-6 Anyacty=-6. /* changed to code in -6 at initial gambling Q.
if age lt 16 Anyacty=-2.
if gala = -1 Anyacty= -1.  /* added in to code -1s (cawi non complete, partials).
exe.

count tot_mis = GALA GALB GALC GALE GALD GALF  GALG GALS GALH GALJ GALT GALU
GALK GALLX GALM GALN GALO GALP GALQ (-9).
freq tot_mis.
if tot_mis=19 Anyacty=-9.
EXE.

var labels Anyacty "(D) Whether spent money on any gambling activity in last 12 months ".
val labels Anyacty 1 "Yes, spent money  on 1 or more gambling activities" 2 "Did not spend money
on gambling activities in past year".

* Nactivy.

count Nactivy = GALA GALB GALC GALE GALD GALF GALG GALS GALH GALJ GALT GALU
GALK GALLX GALM GALN GALO GALP GALQ (1).

If gala = -6 Nactivy =-6.
if gala = -1 Nactivy =-1.
if age lt 16 Nactivy =-2.
if Anyacty=-9  Nactivy =-9.
```

```
if Anyacty=-8  Nactivy =-8.
exe.

var labels Nactivy "(D) Number of activities participated in within last 12 months ".

* Nactygr.

recode Nactivy (0=0)(1=1)(2=2)(3=3)(4=4)(5=5) (6=6) (7=7) (8 thru hi =8) (else=copy) into Nactygr.

var labels Nactygr "(D) Number of activities participated in within last 12 months (grouped)".
val labels Nactygr 0 "None"  1 "One"  2 "Two" 3 "Three"  4 "Four"  5 "Five" 6 "Six"
7 "Seven" 8 "Eight or more".

* Problem Gambling.

DO REPEAT x=P1 TO P9.
      DO IF Anyacty=-9 or Anyacty=-8.
            RECODE x (-1=-9).
      END IF.
END REPEAT.


* PGSI1 to PGSI9.

Recode P1 (1=3) (2=2) (3=1) (4=0) (-1=0) (-6, -2,-9=-9) into PGSI1.
Recode P2 (1=3) (2=2) (3=1) (4=0) (-1=0) (-6, -2,-9=-9) into PGSI2.
Recode P3 (1=3) (2=2) (3=1) (4=0) (-1=0) (-6, -2,-9=-9) into PGSI3.
Recode P4 (1=3) (2=2) (3=1) (4=0) (-1=0) (-6, -2,-9=-9) into PGSI4.
Recode P5 (1=3) (2=2) (3=1) (4=0) (-1=0) (-6, -2,-9=-9) into PGSI5.
Recode P6 (1=3) (2=2) (3=1) (4=0) (-1=0) (-6, -2,-9=-9) into PGSI6.
Recode P7 (1=3) (2=2) (3=1) (4=0) (-1=0) (-6, -2,-9=-9) into PGSI7.
Recode P8 (1=3) (2=2) (3=1) (4=0) (-1=0) (-6, -2,-9=-9) into PGSI8.
Recode P9 (1=3) (2=2) (3=1) (4=0) (-1=0) (-6, -2,-9=-9) into PGSI9.
exe.

Do if gala = -1.
do repeat xxx =  PGSI1   PGSI2  PGSI3  PGSI4  PGSI5  PGSI6 PGSI7  PGSI8  PGSI9.
recode xxx (0=-1).
end repeat.
end if.

var labels PGSI1"(D) Answer to PGSI item 1".
var labels PGSI2"(D) Answer to PGSI item 2".
var labels PGSI3"(D) Answer to PGSI item 3".
var labels PGSI4"(D) Answer to PGSI item 4".
var labels PGSI5"(D) Answer to PGSI item 5".
var labels PGSI6"(D) Answer to PGSI item 6".
var labels PGSI7"(D) Answer to PGSI item 7".
var labels PGSI8"(D) Answer to PGSI item 8".
var labels PGSI9"(D) Answer to PGSI item 9".
val labels PGSI1 0 "Never" 1 "Sometime" 2 "Most" 3 "Always".
val labels PGSI2 0 "Never" 1 "Sometime" 2 "Most" 3 "Always".
val labels PGSI3 0 "Never" 1 "Sometime" 2 "Most" 3 "Always".
val labels PGSI4 0 "Never" 1 "Sometime" 2 "Most" 3 "Always".
val labels PGSI5 0 "Never" 1 "Sometime" 2 "Most" 3 "Always".
val labels PGSI6 0 "Never" 1 "Sometime" 2 "Most" 3 "Always".
```

```
val labels PGSI7 0 "Never" 1 "Sometime" 2 "Most" 3 "Always".
val labels PGSI8 0 "Never" 1 "Sometime" 2 "Most" 3 "Always".
val labels PGSI9 0 "Never" 1 "Sometime" 2 "Most" 3 "Always".

*pgsisc.

compute pgsi1x=pgsi1.
compute pgsi2x=pgsi2.
compute pgsi3x=pgsi3.
compute pgsi4x=pgsi4.
compute pgsi5x=pgsi5.
compute pgsi6x=pgsi6.
compute pgsi7x=pgsi7.
compute pgsi8x=pgsi8.
compute pgsi9x=pgsi9.
exe.

 compute partintx=0.
 if (Anyacty=-2 or Anyacty=-6) OR (Anyacty<>2 and any (-1,P1,P2,P3,P4,P5,P6,P7,P8,P9))
partintX=1.
exe.

do if partintx=1.
do repeat aaa=Pgsi1 Pgsi2 pgsi3 pgsi4 pgsi5 pgsi6 pgsi7 pgsi8 pgsi9.
compute aaa=-1.
end repeat.
end if.

count jjj=pgsi1x pgsi2x pgsi3x pgsi4x pgsi5x pgsi6x pgsi7x pgsi8x pgsi9x (-9).
do if jjj<=4.
do repeat mmm= pgsi1x to pgsi9x.
if mmm=-9 mmm=0.
Compute totpgssc = sum (pgsi1x to pgsi9x).
end repeat.
else if jjj>4.
do repeat nnn= pgsi1x to pgsi9x.
if nnn=-9 nnn=0.
Compute totpgssca = sum (pgsi1x to pgsi9x).
end repeat.
if totpgssca<8 totpgssc=-9.
if totpgssca>=8 totpgssc=totpgssca.
end if.
if partintx=1 totpgssc=-1.
Recode totpgssc (sysmis=-9) (else=copy) into pgsisc.

var labels pgsisc "(D) PGSI score".

*PGSIprob.

Recode PGSIsc (0=0) (1,2=1) (3 thru 7=2) (8 thru hi=3) (sysmis=-9) (else=copy) into PGSIprob.

var labels PGSIprob " (D) PGSI problem gambling score, grouped ".
val labels PGSIprob 0 "Non problem gambler/non gambler" 1 "Low risk gambler" 2 " Moderate risk
gambler " 3 " Problem gambler".

DO IF age lt 16.
```

```
recode pgsisc PGSIprob  (-1=-2).
END IF.

DO IF anyacty = -6.
recode  pgsisc PGSIprob  (-1=-6).
END IF.

DO IF Anyacty =-8.
recode pgsisc PGSIprob (-9=-8).
END IF.

*********.
* NotLot.

compute NotLot = anyacty.
if gala=1 & nactivy=1 NotLot = 2.
exe.

var labels NotLot "(D) Any gambling activity other than National Lottery".
val labels NotLot 1 "Yes" 2 "No".

* onlinegam.

Compute onlinegam=galt.
if galj=1 onlinegam=1.
if galu=1 onlinegam=1.
exe.
var labels onlinegam " (D) Any online gambling activity other than National Lottery".
val labels onlinegam 1 "Yes" 2 "No".
```

FOOD INSECURITY

HHfood2: (D) Last 12 months: time when household ran out of food because of a lack of money or other resources

Ateless2: (D) Last 12 months: ate less than should because of a lack of money or other resources

```
compute ATELESS2 = ATELESS.
if WRFOOD = 2 ATELESS2 = 2.
var labels ATELESS2 "(D) Last 12 months: ate less than should because of a lack of money or
other resources".
val labels ATELESS2 1 "Yes" 2 "No" -9 "Refused"  -2 "Schedule not applicable"   -1 "Item not
applicable".

compute HHFOOD2 = HHFOOD.
if ATELESS2 = 2 HHFOOD2 = 2.
var labels HHFOOD2 "(D) Last 12 months: time when household ran out of food because of a lack
of money or other resources".
val labels HHFOOD2 1 "Yes" 2 "No" -9 "Refusal"   -2 "Schedule not applicable"  -1 "Item not
applicable"      .
```

DENTAL HEALTH AND SERVICES

Tthpain1: (D) Toothache/mouth pain in last month (all 16+)
GumBld1: (D) Gum bleeding (all 16+)
DenTreat1: (D) Thinks would need dental treatment (all 16+)
natthg: (D) Number of natural teeth (grouped)
Denact: (D) Number of actions taken to protect dental health
AnyMthIss: (D) Any issues with mouth, teeth or dentures

```
** TOOTHACHE IN LAST MONTH.

COMPUTE Tthpain1=Tthpain.
RECODE natteeth (1=3) INTO Tthpain1.
VARIABLE LABEL Tthpain1 "(D) Toothache/mouth pain in last month (all 16+)".
VALUE LABELS Tthpain1
1"yes"
2"no"
3"no natural teeth".

** BLEEDING GUM.

COMPUTE GumBld1=GumBld.
RECODE natteeth (1=4) INTO GumBld1.
VARIABLE LABEL GumBld1 "(D) Gum bleeding (all 16+)".
VALUE LABELS GumBld1
1"yes, often"
2"yes,occasionally"
3 "no"
4"no natural teeth".


** NEED DENTAL TREATMENT.

COMPUTE DenTreat1=DenTreat.
RECODE natteeth (1=3) INTO DenTreat1.
VARIABLE LABEL DenTreat1 "(D) Thinks would need dental treatment (all 16+)".
VALUE LABELS DenTreat1
1"yes"
2"no"
3"no natural teeth".

** NUMBER OF NATURAL TEETH.

RECODE natteeth (1=1)(2,3=2)(4=3) (else=copy) INTO natthg.
VARIABLE LABEL natthg "(D) Number of natural teeth (grouped)".
VALUE LABELS natthg 1 "No natutal teeth"
                    2 "1-19 natural teeth"
                    3 "20 or more natural teeth".

*DenAct
Count DenAct= DentHlt1 DentHlt2 DentHlt3 DentHlt4 DentHlt5 DentHlt6 (1).
If DentHlt7=1 DenAct=0.
If DentHlt7=-1 DenAct=-1.
If DentHlt7=-2 DenAct=-2.
If DentHlt7=-8 DenAct=-8.
If DentHlt7=-9 DenAct=-9.
```

```
exe.
variable labels Denact “(D) Number of actions taken to protect dental health”.


* AnyMthIss.
compute AnyMthIss=-77.
if any(-9,MthIssue,MthIssu2,MthIssu3,MthIssu4,MthIssu5,MthIssu6) AnyMthIss=-9.
if any(-8,MthIssue,MthIssu2,MthIssu3,MthIssu4,MthIssu5,MthIssu6) AnyMthIss=-8.
if any(-2,MthIssue,MthIssu2,MthIssu3,MthIssu4,MthIssu5,MthIssu6) AnyMthIss=-2.
if any(-1,MthIssue,MthIssu2,MthIssu3,MthIssu4,MthIssu5,MthIssu6) AnyMthIss=-1.
if any(1,MthIssue,MthIssu2,MthIssu3,MthIssu4,MthIssu5) AnyMthIss=1.
recode MthIssu6 (1=2) into AnyMthIss.

variable labels AnyMthIss “(D) Any issues with mouth, teeth or dentures”.
add value labels AnyMthIss 1“Any experienced” 2 “None experienced”.
```

DISCRIMINATION AND HARASSMENT

DiscHar1a: (D) (VERA) Discrim/Harrass: Accident
DiscHar2a: (D) (VERA) Discrim/Harrass: Ethnicity
DiscHar3a: (D) (VERA) Discrim/Harrass: Age
DiscHar4a: (D) (VERA) Discrim/Harrass: Language
DiscHar5a: (D) (VERA) Discrim/Harrass: Colour
DiscHar6a: (D) (VERA) Discrim/Harrass: Nationality
DiscHar7a: (D) (VERA) Discrim/Harrass: Mental Ill-health
DiscHar8a: (D) (VERA) Discrim/Harrass: Other health problem/disability
DiscHar9a: (D) (VERA) Discrim/Harrass: Sex
DiscHar10a: (D) (VERA) Discrimination/Harassment: Sectarian reasons
DiscHar11a: (D) (VERA) Discrimination/Harassment: Other religious belief or faith reason
DiscHar12a: (D) (VERA) Discrimination/Harassment: Sexual orientation
DiscHar13a: (D) (VERA) Discrimination/Harassment: Where live
DiscHar14a: (D) (VERA) Discrimination/Harassment: Other reason
DiscAny_19: (D) (VERA) Unfairly treated/discriminated against in last 12 months for any of reasons listed
HarasAny_19: (D) (VERA) Harassed in last 12 months for any of reasons listed
DiscHarAny_19: (D) (VERA) Discriminated or harassed in last 12 months for any reason

```
DO REPEAT x=DiscHar1a to DiscHar14a.
compute x=0.
IF disc1=-2 x=-2.
IF any (-9, disc1, harass1)x=-9.
IF any (-8, disc1,harass1)x=-8.
IF any (-1, disc1,harass1)x=-1.
END REPEAT.
IF (Disc1=1 OR Harass1 =1) DiscHar1a =1.
IF (Disc2=1 OR Harass2 =1) DiscHar2a =1.
IF (Disc3=1 OR Harass3 =1) DiscHar3a =1.
IF (Disc4=1 OR Harass4 =1) DiscHar4a =1.
IF (Disc5=1 OR Harass5 =1) DiscHar5a =1.
IF (Disc6=1 OR Harass6 =1) DiscHar6a =1.
```

```
IF (Disc7=1 OR Harass7 =1) DiscHar7a =1.
IF (Disc8=1 OR Harass8 =1) DiscHar8a =1.
IF (Disc9=1 OR Harass9 =1) DiscHar9a =1.
IF (Disc10a=1 OR Harass10a =1) DiscHar10a =1.
IF (Disc11a=1 OR Harass11a =1) DiscHar11a =1.
IF (Disc12a=1 OR Harass12a =1) DiscHar12a =1.
IF (Disc13a=1 OR Harass13a =1) DiscHar13a =1.
IF (Disc14a=1 OR Harass14a =1) DiscHar14a =1.
exe.

var labels DiscHar1a "(D) (VERA) Discrim/Harrass: Accent"
DiscHar2a "(D) (VERA) Discrim/Harrass: Ethnicity"
DiscHar3a "(D) (VERA) Discrim/Harrass: Age"
DiscHar4a "(D) (VERA) Discrim/Harrass: Language"
DiscHar5a "(D) (VERA) Discrim/Harrass: Colour"
DiscHar6a "(D) (VERA) Discrim/Harrass: Nationality"
DiscHar7a "(D) (VERA) Discrim/Harrass: Mental Ill-health"
DiscHar8a "(D) (VERA) Discrim/Harrass: Other health problems/disability"
DiscHar9a "(D) (VERA) Discrim/Harrass: Sex"
DiscHar10a “(D) (VERA) Discrimination/Harassment: Sectarian reasons”
DiscHar11a “(D) (VERA) Discrimination/Harassment: Other religious belief or faith reason”
DiscHar12a “(D) (VERA) Discrimination/Harassment: Sexual orientation”
DiscHar13a “(D) (VERA) Discrimination/Harassment: Where live”
DiscHar14a “(D) (VERA) Discrimination/Harassment: Other reason”

VAL LABS DiscHar1a DiscHar2a DiscHar3a DiscHar4a DiscHar5a DiscHar6a DiscHar7a
DiscHar8a DiscHar9a DiscHar10a DiscHar11a DiscHar12a DiscHar13a DiscHar14a
 0 'Not mentioned'
 1 'Mentioned'
-9 'Refusal'
-8 "Don't know"
-2 'Schedule not applicable'
-1 'Item not applicable'.

*DiscAny_19.

RECODE Disc1 (0 thru 1=0) (else=copy) INTO DiscAny_19.
IF
ANY(1,Disc1,Disc2,Disc3,Disc4,Disc5,Disc6,Disc7,Disc8,Disc9,Disc10a,Disc11a,Disc12a,Disc13
a, Disc14a) DiscAny_19=1.

VAR LABS DiscAny_19 '(D) (VERA) Unfairly treated/discriminated against in last 12 months for
any of reasons listed'.
VAL LABS DiscAny_19
 0 'Not mentioned'
 1 'Mentioned'
-9 'Refusal'
-8 "Don't know"
-2 'Schedule not applicable'
-1 'Item not applicable'.

* HarasAny_19.

RECODE Harass1 (0 thru 1=0) (else=copy) INTO HarasAny_19.
Exe.
IF
```

```
ANY(1,Harass1,Harass2,Harass3,Harass4,Harass5,Harass6,Harass7,Harass8,Harass9,Harass1
0a ,Harass11a,Harass12a,Harass13a, Harass14a) HarasAny_19=1.
Exe.

VAR LABS HarasAny_19 '(D) (VERA) Harassed in last 12 months for any of reasons listed'.
VAL LABS HarasAny_19
 0 'Not mentioned'
 1 'Mentioned'
-9 'Refusal'
-8 "Don't know"
-2 'Schedule not applicable'
-1 'Item not applicable'.

*** DiscHarAny_19 Discriminated or harassed for any reason in past 12 months

RECODE Disc1 (-2=copy) (-1=copy) (else=0) INTO DiscHarAny_19.
IF any(-9,DiscAny_19,HarasAny_19) DiscHarAny_19=-9. /*now coded as -9.
IF any(-8,DiscAny_19,HarasAny_19) DiscHarAny_19=-8.
IF ANY(1,Disc1,Disc2,Disc3,Disc4,Disc5,Disc6,Disc7,Disc8,Disc9,Disc10a,Disc11a,Disc12a,
Disc13a,Disc14a, Harass1,Harass2,Harass3,Harass4,Harass5,Harass6,
Harass7,Harass8,Harass9,Harass10a,Harass11a,  Harass12a,Harass13a,Harass14a)
DiscHarAny_19=1.

VAR LABS DiscHarAny_19 '(D) (VERA) Discriminated or harassed in last 12 months for any
reason'.
VAL LABS DiscHarAny_19
 0 'Not mentioned'
 1 'Mentioned'
-9 'Refusal'
-8 "Don't know"
-2 'Schedule not applicable'
-1 'Item not applicable'.
```

STRESS AT WORK

StrWork2: (D) (VERA) Stress at work – grouped
StrworkR: (D) Recoded - Adults who find their job very or extremely stressful
DemandR: (D) Recoded - Unrealistic time pressures at work
ContrlR: (D) Recoded - Choice in deciding way do work
RoleR:(D) Recoded - I am clear on what my duties and responsibilities are at work
Supprt1R_19: (D) Recoded - Manager support
Supprt2R_19: (D) Recoded - Colleague support
RelStrnR_19: (D) Recoded - Relationships at work are strained
ChangeR_19: (D) Recoded - Staff are consulted about change at work

```
*Strwork2.

RECODE strwork (1,2=1)(3=2)(4,5=3) (else=copy) into StrWork2.
VARIABLE LABELS StrWork2 '(D) (VERA) Stress at work - grouped'.
value labels StrWork2
1 'Not at all/mildly stressful'
2 'Moderately stressful'
3 'Very/extremely stressful'
```

```
-2 "Schedule not applicable"
-1 "Item not applicable"
-8 "Don't know"
-9 "Refused".

*Stress . Percentage of adults who find their job very or extremely stressful .

recode Strwork (1,2=1) (3=2) (4,5=3) (else=copy) into StrworkR.
variable label StrworkR "(D) Recoded - Adults who find their job very or extremely stressful ".
value labels StrworkR
-9 "Refusal"
-8 "Don't know"
-2 "Schedule not applicable"
-1 "Item not applicable"
1 "Not at all stressful/Mildy stressful"
2 "Moderately stressful"
3 "Very stressful/Extremely stressful".
exe.

*Demand (unrealistic time pressures at work).

recode Demand (1,2=1) (3=2) (4,5=3) (else=copy) into DemandR.
variable labels DemandR "(D) Recoded - Unrealistic time pressures at work".
add value labels DemandR
-9 "Refusal"
-8 "Don't know"
-2 "Schedule not applicable"
-1 "Item not applicable"
1 "Always/Often"
2 "Sometimes"
3 "Seldom/Never".
exe.

*Contrl (choice in deciding way do work).

recode Contrl (1,2=1) (3=2) (4,5=3) (else=copy) into ContrlR.
variable labels ContrlR "(D) Recoded - Choice in deciding way do work".
add value labels ContrlR
-9 "Refusal"
-8 "Don't know"
-2 "Schedule not applicable"
-1 "Item not applicable"
1 "Always/Often"
2 "Sometimes"
3 "Seldom/Never".
exe.

*Role (I am clear on what my duties and responsibilities are at work).

recode Role (1,2=1) (3=2) (4,5=3) (else=copy) into RoleR.
variable labels RoleR "(D) Recoded - I am clear on what my duties and responsibilities are at
work".
add value labels RoleR
-8 "Don't Know"
-9 "Refusal"
-2 "Schedule not applicable"
```

```
-1 "Item not applicable"
1 "Always/Often"
2 "Sometimes"
3 "Seldom/Never".
exe.

*Manager support.
.
recode Support1_19 (1,2=1) (3=2) (4,5=3) (6,-1=-1) (else=copy) into Supprt1R_19.
variable labels Supprt1R_19 "(D) Recoded -  Manager support".
add value labels Supprt1R_19
-9 "Refusal"
-8 "Don't Know"
-2 "Schedule not applicable"
-1 "Item not applicable"
1 "Always/Often"
2 "Neutral"
3 "Seldom/Never".

*Colleague support.

Recode Support2_19 (1,2=1) (3=2) (4,5=3) (else=copy) into Supprt2R_19.
variable labels Supprt2R_19 "(D) Recoded - Colleague support".
add value labels Supprt2R_19
-9 "Refusal"
-8 "Don't Know"
-2 "Schedule not applicable"
-1 "Item not applicable"
1 "Always/Often"
2 "Neutral"
3 "Seldom/Never".
exe.

*Relstrain (relationships at work are strained; this is an agree/disagree scale).

recode RelStrai_19 (1,2=1) (3=2) (4,5=3) (else=copy) into RelStrnR_19.
variable labels RelStrnR_19 "(D) Recoded - Relationships at work are strained".
add value labels RelStrnR_19
-9 "Refusal"
-8 "Don't Know"
-2 "Schedule not applicable"
-1 "Item not applicable"
1 "Strongly agree/tend to agree"
2 "Neutral"
3 "Tend to disagree/strongly disagree".
exe.

*Change (staff are consulted about change at work; this is an agree/disagree scale).

recode Change_19 (1,2=1) (3=2) (4,5=3) (else=copy) into ChangeR_19.
variable labels ChangeR_19 "(D) Recoded - Staff are consulted about change at work".
add value labels ChangeR_19
-9 "Refusal" -8 "Don't Know"
-2 "Schedule not applicable"
-1 "Item not applicable"   1 "Strongly agree/tend to agree” 2 "Neutral"
3 "Tend to disagree/strongly disagree".
```

SOCIAL CAPITAL

Frelone21: (D) Loneliness in the past week (grouped)

```
* Frelone21.

recode lonely21 (1=3) (2=2) (3,4=1) (else=copy) into frelone21.
variable labels frelone21 “(D) Loneliness in the past week (grouped)”.
add value labels Frelone21 1 “All or almost all of the time/most of the time”
2 “Some of the time” 3 “None/ almost none of the time”.
```

ACCIDENTS

Macc: (D) (VERA) Annual major accident rate per 100 persons
Macc2: (D) (VERA) Annual major accident rate per 100 persons including 0 accidents
NDrAcc2: (D) (VERA) Number of accidents in last 12 months - grouped

```
* macc = Annual (major) accident rate per 100 persons

** MACC - adults and children.
** multiply by 100 for rate per 100 people

COMPUTE macc = 0.
IF RANGE(ndracc,1,6) macc = ndracc*100.
IF (ndracc > 6) macc = 600.
IF ANY(-1,ndracc) macc=-1.
IF ANY(-2,ndracc) macc=-2.
IF ANY(-8,ndracc) macc=-8.
IF ANY(-9,ndracc) macc=-9.
Exe.

VARIABLE LABEL macc "(D) (VERA) Annual major accident rate per 100 persons".
ADD VAL LABS macc
-1 'Item not applicable'
-2 'Schedule not applicable'.

FREQ macc.

* identical to original var NDrAcc except that all values x by 100 (1 = 100, etc.)

** MACC2 - TO INCLUDE THOSE WITH 0 ACCIDENTS

** last line added to code those who said no to dracc to 0 for macc dv
** compute chaged to -99 to check all cases in the derivation
** if ndracc = 0 macc2 = 0. - THIS LINE ADDED SO THAT THOSE WHO SAID 0 ACCIDENTS ARE SET TO 0 - IN ORIGINAL MACC DV THEY WERE AUTOMATICALLY SET TO 0 BY THE COMPUTE = 0.

COMPUTE macc2 = -99.
IF RANGE(ndracc,1,6) macc2 = ndracc*100.
IF (ndracc > 6) macc2= 600.
if ndracc = 0 macc2 = 0.
IF ANY(-1,ndracc) macc2=-1.
IF ANY(-2,ndracc) macc2=-2.
IF ANY(-8,ndracc) macc2=-8.
```

```
IF ANY(-9,ndracc) macc2=-9.
if DrAcc = 2 macc2 = 0.
Exe.

VARIABLE LABEL macc2 "(D) (VERA) Annual major accident rate per 100 persons including 0
accidents".
ADD VAL LABS macc2
-1 'Item not applicable'
-2 'Schedule not applicable'.


* NDrAcc2 = Number of accidents in last 12 months - grouped

* variable of interest: NDrAcc as above.

*** New DV NDrAcc2 which groups answers 3 and above into 3rd and last answer
* (using Recode command below to keep all the missings as per original var)

RECODE NDrAcc (0 thru 2=copy) (3 thru hi=3) (else=copy) INTO NDrAcc2.
Exe.

VARIABLE LABEL NDrAcc2 "(D) (VERA) Number of accidents in last 12 months - grouped".
ADD VAL LABS NDrAcc2
 3 '3 or more' -1 'Item not applicable' -2 'Schedule not applicable'.
```

CPR

CPRRefB: (D) Had any other CPR training, refresher training, or learnt CPR in any other way (most recent)

CPR2yrs: (D) Whether has trained in last 2 years - either original or refresher

CPR2yrsall: (D) Whether has trained in last 2 years - either original or refresher (base on all sample)

```
* CPRRefB

RECODE cprref_19 (1 THRU 4 = 1) (5 = 2) (else=copy) into CPRRefB.
variable labels CPRRefB “(D) Had any other CPR training, refresher training, or learnt CPR in any
other way (most recent)”.
add value labels CPRRefB 1 “Yes” 2 “No”.

* CPR2yrs.
* New variable with people who has trained in 2 years either original and refresher.

Compute CPR2yrs=-77.
IF any(-9,cprwhn_19,cprref_19) CPR2yrs=-9.
IF any(-8,cprwhn_19,cprref_19) CPR2yrs=-8.
IF any(-1,cprwhn_19,cprref_19) CPR2yrs=-1.
IF any(cprwhn_19,1,2) or any(cprref_19,1,2) Cpr2yrs=1.
IF any(cprwhn_19,3,4) and any(cprref_19,3,4,5) CPR2yrs=2.
IF age<16 CPR2yrs=-2.
variable labels CPR2yrs  “(D) Whether has trained in last 2 years - either original or refresher”.
add value labels CPR2yrs 1 “Yes” 2 “No”.

*CPR2yrsall.
```

```
Compute CPR2yrsall=-77.
IF any(-9,cprtrn,cprwhn_19,cprref_19) CPR2yrsall=-9.
IF any(-8,cprtrn,cprwhn_19,cprref_19) CPR2yrsall=-8.
IF cprtrn = 2 CPR2yrsall=2.
IF any(cprwhn_19,1,2) or any(cprref_19,1,2) CPR2yrsall=1.
IF any(cprwhn_19,3,4) and any(cprref_19,3,4,5) CPR2yrsall=2.
IF cprtrn =-1 CPR2yrsall = -1. /*partial cases.
IF age<16 CPR2yrsall=-2.
variable labels CPR2yrsall “(D) Whether has trained in last 2 years - either original or refresher
(base on all sample)”.
add value labels CPR2yrsall 1 “Yes” 2 “No”.
```

ECONOMIC ACTIVITY

HEconAcB: (D) HRP economic activity – basic
Heconac12: (D) HRP Economic activity (2012 version)
hpnssec8: (D) NS-SEC 8 variable classification (hrp)
hpnssec5: (D) NS-SEC 5 variable classification (hrp)
hpnssec3: (D) NS-SEC 3 variable classification (hrp)

```
compute HEconAcB=3.
if any(1, HWrkemp, HGvtSchm, HSelfEmp, HOthWrk) HEconAcB=1.
if (HWrkFam=1 and (HWk4Lk12 ne 1 or HWaitJb12 ne 1 or HWk2St12 ne 1)) HEconAcB=1.
if ((HWrkFam=1 or HNoneabv=1) and (HWk4Lk12=1 and HWk2St12=1)) HEconAcB=2.
if ((HWrkFam=1 or HNoneabv=1) and (HWaitJb12=1 and HWk2St12=1)) HEconAcB=2.
if HWrkemp lt 0 HEconAcB=HWrkemp.
exe.
var lab HEconAcB "(D) HRP economic activity - basic".
val labs HEconAcB 1 "In employment" 2 "ILO unemployed" 3 "Inactive".

compute Heconac12=-99.
if (HNoneabv=1 and (HYNotWrk=1 or HYNotWrk=2 or HYNotWrk=4 or HYNotWrk=6 or
HYNotWrk=7 or HYNotWrk=8 or HYNotWrk=10)) Heconac12=7.
if (HWrkFam=1 and (HWk4Lk12 ne 1 or HWaitJb12 ne 1 or HWk2St12 ne 1)) Heconac12=7.
if HWaitJb12=1 Heconac12=7.
if (HNoneabv=1 and HYNotWrk=3) Heconac12=6.
if (HNoneabv=1 and HYNotWrk=9) Heconac12=5.
if HWk4Lk12=1 Heconac12=4.
if (HNoneabv=1 and HYNotWrk=5) Heconac12=3.
if any(1, HWrkemp, HSelfEmp, HGvtSchm, HOthWrk) Heconac12=2.
if HEducCou=1 Heconac12=1.
if (HWrkemp=-1 or HWrkemp=-8 or HWrkemp=-9)  Heconac12=-1.
exe.
variable label Heconac12 "(D) HRP Economic activity (2012 version)".
val labs Heconac12
1 "In full-time education"
2 "In paid employment, self-employed or on gov't training"
3 "Perm unable to work"
4 "Looking for/intending to look for paid work"
5 "Retired"
6 "Looking after home/family"
7 "Doing something else"
-8 "Don't know"
```

```
-2 "Schedule not applicable"
-1 "Item not applicable".

***HRP NS-SEC.

** hpnssec8.

RECODE hrpnssec (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 LABEL hpnssec8 "(D) NS-SEC 8 variable classification (hrp)".
VALUE LABEL 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".

RECODE hrpnssec (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 hpnssec5.
VARIABLE LABEL hpnssec5 "(D) NS-SEC 5 variable classification (hrp)".
VALUE LABEL hpnssec5
  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 hrpnssec (1 thru 6=1) (7 thru 9.2=2) (10 thru 13.5=3) (14 thru 17=99) (else=copy) INTO
hpnssec3.
VARIABLE LABEL hpnssec3 "(D) NS-SEC 3 variable classification (hrp)".
VALUE LABEL hpnssec3
  1 "Managerial and professional occupations"
  2 "Intermediate occupations"
  3 "Routine and manual occupations"
  99 "Other".
```

NEconAcB: (D) Individual economic activity – basic
econac12: (D) Economic activity of respondent (2012 version)
nssec8: (D) NSSEC 8 category classification (individual)
nssec5: (D) NSSEC 5 category classification (individual)
nssec3: (D) NSSEC 3 category classification (individual)
SumEmp: (D) Summary employment status (age 16-64)

```
**Individual Harmonised economic activty var - basic version.

compute NEconAcB=3.
if any(-1, NWrkemp, NGvtSchm, NSelfEmp, NWrkFam, NOthWrk, NNoneabv) NEconAcB=-1.
if any(-8, NWrkemp, NGvtSchm, NSelfEmp, NWrkFam, NOthWrk, NNoneabv) NEconAcB=-8.
if any(1, NWrkemp, NGvtSchm, NSelfEmp, NOthWrk) NEconAcB=1.
if (NWrkFam=1 and (Wk4Lk12 ne 1 or WaitJb12 ne 1 or Wk2St12 ne 1)) NEconAcB=1.
```

```
if ((NWrkFam=1 or NNoneabv=1) and (Wk4Lk12=1 and Wk2St12=1)) NEconAcB=2.
if ((NWrkFam=1 or NNoneabv=1) and (WaitJb12=1 and Wk2St12=1)) NEconAcB=2.
if age lt 16 NEconAcB=-2.
exe.
var lab NEconAcB "(D) Individual economic activity - basic".
val labs NEconAcB 1 "In employment" 2 "ILO unemployed" 3 "Inactive" -2 "Schedule not
applicable".

compute econac12=-99.
if (NNoneabv=1 and (YNotWrk=1 or YNotWrk=2 or YNotWrk=4 or YNotWrk=7 or YNotWrk=8 or
YNotWrk=10)) econac12=7.
if (NWrkFam=1 and (Wk4Lk12 ne 1 or WaitJb12 ne 1 or Wk2St12 ne 1)) econac12=7.
if WaitJb12=1 econac12=7.
if (NNoneabv=1 and YNotWrk=3) econac12=6.
if (NNoneabv=1 and YNotWrk=9) econac12=5.
if Wk4Lk12=1 econac12=4.
if (NNoneabv=1 and YNotWrk=5) econac12=3.
if any(1, NWrkemp, NSelfEmp, NGvtSchm, NOthWrk) econac12=2.
if EducCou=1 econac12=1.
if (NWrkemp=-1 or NWrkemp=-8)  econac12=-1.
if age lt 16 econac12=-2.
exe.
variable label econac12 "(D) Economic activity of respondent (2012 version)".
val labs econac12
1 "In full-time education"
2 "In paid employment, self-employed or on gov't training"
3 "Perm unable to work"
4 "Looking for/intending to look for paid work"
5 "Retired"
6 "Looking after home/family"
7 "Doing something else"
-8 "Don't know"
-2 "Schedule not applicable"
-1 "Item not applicable".

** RESPONDENT'S NSSEC.

RECODE NSSEC2 (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.
 IF AGE LT 16 nssec8=-2.
VARIABLE LABEL NSSEC8 "(D) NS-SEC 8 category classification (individual)".
VALUE LABEL NSSEC8
  -2 "Schedule not applicable"
  -1 "Item not applicable"
  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 NSSEC2  (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.
 IF AGE LT 16 nssec5=-2.
VARIABLE LABEL NSSEC5 "(D) NS-SEC 5 category classification (individual)".
VALUE LABEL NSSEC5
  -2 "Schedule not applicable"
  -1 "Item not applicable"
  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 NSSEC2  (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 category classification (individual)".
 IF AGE LT 16 nssec3=-2.
VALUE LABEL nssec3
  -2 "Schedule not applicable"
  -1 "Item not applicable"
  1 "Managerial and professional occupations"
  2 "Intermediate occupations"
  3 "Routine and manual occupations"
  99 "Other".
execute.

* SumEmp

Compute SumEmp= -99.
do if range(age,16,64).
If any (1, NWrkemp, NGvtSchm, NSelfEmp, NWrkFam, NOthWrk) and  FtPTime =1 SumEmp =1.
If any(1, NWrkemp, NGvtSchm, NSelfEmp, NWrkFam, NOthWrk) and FtPTime  = 2 SumEmp = 2.
If  NNoneabv = 1  SumEmp = 3.
end if.
if NWrkemp = -9 and NGvtSchm = -9 and  NSelfEmp = -9 and  NWrkFam =-9 AND NOthWrk = -9
SumEmp = -9.
IF ftptime = -9 SumEmp =-9.
if NWrkemp = -1 and NGvtSchm = -1 and  NSelfEmp = -1 and  NWrkFam= -1 AND NOthWrk = -1
SumEmp = -1.
if age lt 16 or age ge 65 SumEmp = -1.
exe.
variable label SumEmp  “(D) Summary employment status (age 16-64)”.
add value labels SumEmp -99 “Unclassifiable” 1 “Working Full-time” 2 “Working Part-time”
3 “Not working”.
```

EDUCATION

hedqul08: (D) Highest educational qualification - revised 2008

```
*highest qualification

if TopQua12=1 hedqul08=6.
if Topqua9 =1 OR TopQua1=1 hedqul08=5.
if TopQua2  = 1 or TopQua3 = 1 hedqul08 = 4 .
if TopQua4 = 1 or TopQua5 = 1  hedqul08 = 3 .
if TopQua6 = 1 or TopQua10=1 hedqul08 = 2 .
```

```
if TopQua7 = 1 or TopQua8 = 1 or TopQua11=1 hedqul08 = 1 .
if TopQua1 = -9 hedqul08=-9.
if TopQua1 = -8 hedqul08=-8.
if TopQua1 = -1 hedqul08=-1.
if (age lt 16) hedqul08 =-2.
VARIABLE LABEL hedqul08 "(D) Highest educational qualification - revised 2008" .
VALUE LABELS hedqul08 1 "Degree or higher" 2 "HNC/D or equiv" 3 "Higher grade or equiv" 4
"Standard grade or equiv" 5 "Other school level" 6"No qualifications"  -9 "Not answered" -8 "Don't
know"  -2 "Schedule not applicable" -1 "Item not applicable". execute.
```

ANTHROPOMETRIC MEASUREMENTS

BMI_SR: (D) BMI (self reported height and weight)
BMIvg5_SR: (D) Valid BMI (grouped) (self reported height and weight)
BMI25_SR: (D) Valid BMI (grouped 25 and over) (self reported height and weight)
BMI30_SR: (D) Valid BMI (grouped 30 and over) (self reported height and weight)
BMI40_SR: (D) Valid BMI (grouped 40 and over) (self reported height and weight)
BMIvg4_SR: (D) Valid BMI (4 groups) (self reported height and weight)
BMIvg3_SR: (D) Valid BMI (3 groups) (self reported height and weight)
SlfWtDV_adj: (D) Adjusted self-reported weight (kg)
SlfHtDV_adj: (D) Adjusted self-reported height (cm)
bmi_adj: (D) BMI - adjusted self-reported measurements
bmi25_adj: (D) Adjusted self-reported BMI (grouped 25 and over)
bmi30_adj: (D) Adjusted self-reported BMI (grouped 30 and over)
bmi40_adj: (D) Adjusted self-reported BMI (grouped 40 and over)
bmivg5_adj: (D) Adjusted valid BMI (grouped)

```
* BMI_SR.

COMPUTE bmi_sr=-1.
IF slfhtdv>0 & slfwtdv>0 bmi_sr=(slfwtdv*100*100)/(slfhtdv *slfhtdv).
exe.
VARIABLE LABEL BMI_SR "(D) BMI (self reported height and weight)" .

*bmivg5_sr.

compute bmivg5_sr=-1.
RECODE bmi_sr (40 thru hi=5) (30 thru 40=4) (25 thru 30=3) (18.5 thru 25=2) (0 thru 18.5=1)(lo
thru -1=COPY) INTO bmivg5_sr.
if range(age,0,15) bmivg5_sr=-2.
exe.
VARIABLE LABEL bmivg5_sr "(D) Valid BMI (grouped) (self reported height and weight)" .
VALUE LABELS bmivg5_sr
1 "Under 18.5 "
2 "18.5 to less than 25 "
3 "25 to less than 30 "
4 "30 to less than 40 "
5 "40 and over "
-2 "Schedule not applicable " .

*BMI25_sr.

compute BMI25_sr=-1.
```

```
RECODE bmi_sr (25 thru hi=2) (0 thru 25=1) (lo thru -1=COPY)  INTO bmi25_sr.
 if range(age,0,15) bmi25_sr=-2.
exe.
VARIABLE LABEL BMI25_sr "(D) Valid BMI (grouped 25 and over) (self reported height and
weight)" .
VALUE LABELS BMI25_sr 1 "Under 25" 2 "25 and over" -2 "Schedule not applicable".

*BMI30_sr.

compute BMI30_sr=-1.
RECODE bmi_sr (30 thru hi=2) (0 thru 30=1) (lo thru -1=COPY) INTO bmi30_sr.
 if range(age,0,15) bmi30_sr=-2.
exe.
VARIABLE LABEL BMI30_sr "(D) Valid BMI (grouped 30 and over) (self reported height and
weight)" .
VALUE LABELS BMI30_sr 1 "Under 30" 2 "30 and over" -2 "Schedule not applicable".

*BMI40_sr.

compute BMI40_sr=-1.
RECODE bmi_sr (40 thru hi=2) (0 thru 40=1) (lo thru -1=COPY) INTO bmi40_sr.
 if range(age,0,15) bmi40_sr=-2.
EXE.
VARIABLE LABEL BMI40_sr "(D) Valid BMI (grouped 40 and over) (self reported height and
weight)".
VALUE LABELS BMI40_sr 1 "Under 40" 2 "40 and over" -2 "Schedule not applicable".

*bmivg4.

compute bmivg4_sr=-1.
RECODE bmi_sr (30 thru hi=4) (25 thru 30=3) (18.5 thru 25=2) (0 thru 18.5=1)(lo thru -1=COPY)
INTO bmivg4_sr.
if range(age,0,15) bmivg4_sr=-2.
exe.
VARIABLE LABEL bmivg4 "(D) Valid BMI (4 groups) (self reported height and weight)".
VALUE LABELS bmivg4
1 "Under 18.5"  2 "18.5 to less than 25" 3 "25 to less than 30"
4 "30 and over"  -2 "Schedule not applicable".

*BMIvg3_sr.

Recode BMIVG4_sr (1 thru 2 = 1) (3 =2) (4 thru hi =3) (else =copy) into BMIvg3_sr.

VARIABLE LABEL BMIvg3_sr "(D) Valid BMI (3 groups) (self reported height and weight)".
VALUE LABELS BMIvg3_sr  1 "Under weight / normal weight (less than 25)"
2 "Overweight (25 to less than 30)" 3 "Obese / morbidly obese (30 and over)".

*SlfWtDV_adj.

compute SlfWtDV_adj = -99.
If sex = 1 SlfWtDV_adj = 16.06849 + (0.4282873*SlfWtDV) + (0.0063357*(SlfWtDV**2)) + (-
0.0000223*(SlfWtDV**3)) + (0.0684319*Age) + (-0.0005271*(Age**2)).
If sex = 2 SlfWtDV_adj = 16.84351 + (0.2862627*SlfWtDV) + (0.0097277*(SlfWtDV**2)) + (-
0.0000411*(SlfWtDV**3)) + (0.0680535*Age) + (-0.0006658*(Age**2)).
if SlfWtDV =-1 SlfWtDV_adj = -1.
exe.
```

```
VARIABLE LABEL SlfWtDV_adj "(D) Adjusted self-reported weight (kg)".

* SlfHtDV_adj.

compute SlfHtDV_adj      = -99.
if sex = 1 SlfHtDV_adj    = 671.3854 + (-9.75589*SlfHtDV) + (0.0575176*(SlfHtDV**2))+ (-
0.0001032*(SlfHtDV**3))+ (0.0930875*Age) + (-0.0014397*(Age**2)).
if sex = 2 SlfHtDV_adj    = 1306.937 + (-22.70201*SlfHtDV) + (0.1435429*(SlfHtDV**2))+ (-
0.0002909*(SlfHtDV**3))+ (0.1268987*Age) + (-0.0018125*(Age**2)).
if SlfHtDV = -1 SlfHtDV_adj =-1.
 exe.
VARIABLE LABEL SlfHtDV_adj "(D) Adjusted self-reported height (cm)".

* bmi_adj.

COMPUTE  bmi_adj=-1.
IF slfhtdv_adj>0 & slfwtdv_adj>0 bmi_adj=(slfwtdv_adj*100*100)/(slfhtdv_adj *slfhtdv_adj).
exe.
VARIABLE LABEL bmi_adj "(D) BMI - adjusted self-reported measurements".

* bmi25_adj.

compute BMI25_adj=-1.
RECODE bmi_adj (25 thru hi=2) (0 thru 25=1) (lo thru -1=COPY)  INTO bmi25_adj.
exe.
VARIABLE LABEL BMI25_adj "(D) Adjusted self-reported BMI (grouped 25 and over)".
VALUE LABELS BMI25_adj 1 "Under 25" 2 "25 and over".

* bmi30_adj.

compute BMI30_adj=-1.
RECODE bmi_adj (30 thru hi=2) (0 thru 30=1) (lo thru -1=COPY) INTO bmi30_adj.
exe.
VARIABLE LABEL bmi30_adj "(D) Adjusted self-reported BMI (grouped 30 and over)".
VALUE LABELS bmi30_adj 1 "Under 30" 2 "30 and over".

* bmi40_adj.

compute BMI40_adj=-1.
RECODE bmi_adj (40 thru hi=2) (0 thru 40=1) (lo thru -1=COPY) INTO bmi40_adj.
exe.
VARIABLE LABEL bmi40_adj "(D) Adjusted self-reported BMI (grouped 40 and over)".
VALUE LABELS bmi40_adj 1 "Under 40" 2 "40 and over".

*bmivg5_adj.

compute bmivg5_adj=-1.
RECODE bmi_adj (40 thru hi=5) (30 thru 40=4) (25 thru 30=3) (18.5 thru 25=2) (0 thru 18.5=1)(lo
thru -1=COPY) INTO bmivg5_adj .
exe.
VARIABLE LABEL bmivg5_adj " (D) Adjusted valid BMI (grouped) ".
VALUE LABELS bmivg5_adj  1 "Under 18.5"  2 "18.5 to less than 25"   3 "25 to less than 30"
4 "30 to less than 40"
5 "40 and over".
```

CBMIg5_new_SR: (D) Children's BMI - 5 groups NEW (self reported height and weight)
ChWtHr_new_SR: (D) Child - weight beyond healthy range NEW (self reported height and weight)
ChOverWt_new_SR: (D) Child - overweight, including obese NEW (self reported height and weight)
CBMIg3_new_SR: (D) Children's BMI - 3 groups NEW (self reported height and weight)

Children's BMI syntax requires use of look-up tables. Syntax avaible on request.

INCOME

totinc: (D) Total Household Income

```
* household income.

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 'Don''t know'
 97 'Refused'.
exe.
```

OECD: (D) Equivalised income (OECD score)
eqvinc_15: (D) Equivalised income (OECD score)
eqv5_15: (D) Equivalised Income Quintiles (OECD score)
eqv10_15: (D) Equivalised Income Deciles (OECD score

See explanation of this data in report glossary – quintiles and deciles ranges amended annually depending on respondent data. Syntax available on request

HRP's SOCIAL CLASS

schrpg7: (D) Social Class of HRP - I,II,IIIN,IIIM,IV,V,Others
schrpg6: (D) Social Class of HRP - I,II,IIIN,IIIM,IV,V
schrpg4: (D) Social Class of HRP: I/II,IIINM,IIIM,IV/V
scallxg2: (D) Soc Class of Indiv - Harmonised: Non-Man/Manual

```
RECODE schrp (7 thru 10=7) (ELSE=COPY) INTO schrpg7.
VARIABLE LABEL schrpg7 "(D) Social Class of HRP - I,II,IIIN,IIIM,IV,V,Others".
VALUE LABELS schrpg7
1 "I - Professional"
2 "II- Managerial technical"
3 "IIIN - Skilled non-manual"
4 "IIIM - Skilled manual"
5 "IV - Semi-skilled manual"
6 "V - Unskilled manual"
7 "Others"
-1 "Not applicable"
-8 "Don't know"
-9 "No information".

RECODE schrp (7 thru 10=-1) (ELSE=COPY) INTO schrpg6.
VARIABLE LABEL schrpg6 "(D) Social Class of HRP - I,II,IIIN,IIIM,IV,V".
VALUE LABELS schrpg6
1 "I - Professional"
2 "II- Managerial technical"
3 "IIIN - Skilled non-manual"
4 "IIIM - Skilled manual"
5 "IV - Semi-skilled manual"
6 "V - Unskilled manual"
-8 "Don't know"
-9 "No information"
```

```
-1 "Not applicable".

RECODE schrp (1 thru 2=1) (3=2)(4=3)(5 thru 6=4)(-9 thru -1=COPY)(ELSE=-1)
INTO schrpg4.
VARIABLE LABELS schrpg4 "(D) Social Class of HRP: I/II,IIINM,IIIM,IV/V".
VALUE LABELS schrpg4
1 "I & II"
2 "IIINM"
3 "IIIM"
4 "IV & V"
-9 "No information"
-8 "Don't know"
-1 "Not applicable".

RECODE scallx (1 thru 3=1) (4 thru 6=2)(-9 thru -1=COPY)(ELSE=-1)
  INTO scallxg2.
VARIABLE LABELS scallxg2 "(D) Soc Class of Indiv - Harmonised: Non-Man/Manual".
VALUE LABELS scallxg2
-1 "Item not applicable"
-9 "No information"
  1 "Non-Manual "
  2 "Manual".
```

PARENTAL SOCIAL CLASS

fanssec8: (D) Father's NS-SEC 8 variable classif when resp 14
fanssec5: (D) Father's NS-SEC 5 variable classif when resp 14
fanssec3: (D) Father's NS-SEC 3 variable classif when resp 14
manssec8: (D) Mother's NS-SEC 8 variable classif when resp 14
manssec5: (D) Mother's NS-SEC 5 variable classif when resp 14
manssec3: (D) Mother's NS-SEC 3 variable classif when resp 14
pnssec5: (D) Parental NS-SEC (highest) 5 groups
pnssec3: (D) Parental NS-SEC (highest) 3 groups

```
**Parental social class.
*FATHERS.

RECODE fanssec (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 fanssec8.
VARIABLE LABEL fanssec8 "(D) Father's NS-SEC 8 variable classif when resp 14".
VALUE LABEL fanssec8
  -1 "Schedule not applicable"
  -2 "Item not applicable"
  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 fanssec (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 fanssec5.
VARIABLE LABEL fanssec5 "(D) Father's NS-SEC 5 variable classif when resp 14".
VALUE LABEL fanssec5
  -1 "Schedule not applicable"
  -2 "Item not applicable"
  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 fanssec (1 thru 6=1) (7 thru 9.2=2) (10 thru 13.5=3) (14 thru 17=99) (else=copy) INTO
fanssec3.
VARIABLE LABEL fanssec3 "(D) Father's NS-SEC 3 variable classif when resp 14".
VALUE LABEL fanssec3
  -1 "Schedule not applicable"
  -2 "Item not applicable"
  1 "Managerial and professional occupations"
  2 "Intermediate occupations"
  3 "Routine and manual occupations"
  99 "Other".

*MOTHERS.

RECODE manssec (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 manssec8.
VARIABLE LABEL manssec8 "(D) Mother's NS-SEC 8 variable classif when resp 14".
VALUE LABEL manssec8
  -1 "Schedule not applicable"
  -2 "Item not applicable"
  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 manssec (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 manssec5.
VARIABLE LABEL manssec5 "(D) Mother's NS-SEC 5 variable classif when resp 14".
VALUE LABEL manssec5
  -1 "Schedule not applicable"
  -2 "Item not applicable"
  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 manssec (1 thru 6=1) (7 thru 9.2=2) (10 thru 13.5=3) (14 thru 17=99) (else=copy) INTO
manssec3.
```

```
VARIABLE LABEL manssec3 "(D) Mother's NS-SEC 3 variable classif when resp 14".
VALUE LABEL manssec3
  -1 "Schedule not applicable"
  -2 "Item not applicable"
  1 "Managerial and professional occupations"
  2 "Intermediate occupations"
  3 "Routine and manual occupations"
  99 "Other".

** parental nssec.

COMPUTE pnssec5=0.
if (fanssec5=-2) pnssec5=-2.
if (fanssec5=-1 and manssec5=-1) pnssec5=-1.
if (fanssec5<manssec5) pnssec5=fanssec5.
if (fanssec5=manssec5) pnssec5=fanssec5.
if (fanssec5>manssec5) pnssec5=manssec5.
if (((range(fanssec5,1,5)) and manssec5=-1)) pnssec5=fanssec5.
if (((range(manssec5,1,5)) and fanssec5=-1)) pnssec5=manssec5.
Variable label pnssec5 "(D) Parental NS-SEC (highest) 5 groups".
VALUE LABELS pnssec5
1 'Managerial and professional'
2 'Intermediate'
3 'Small employers / own account'
4 'Lower supervisory / techincal'
5 'Semi-routine'.

COMPUTE pnssec3=0.
if (fanssec3=-2) pnssec3=-2.
if (fanssec3=-1 and manssec3=-1) pnssec3=-1.
if (fanssec3<manssec3) pnssec3=fanssec3.
if (fanssec3=manssec3) pnssec3=fanssec3.
if (fanssec3>manssec3) pnssec3=manssec3.
if (((range(fanssec3,1,5)) and manssec3=-1)) pnssec3=fanssec3.
if (((range(manssec3,1,5)) and fanssec3=-1)) pnssec3=manssec3.
Variable label pnssec3 "(D) Parental NS-SEC (highest) 3 groups".
VALUE LABELS pnssec3
1 'Managerial and professional'
2 'Intermediate & Small employers / own account"
3 'Routine and manual'.
```

Scottish Health Survey 2021 Main Report: Variables used in Tables

Notes

- This guide is mainly intended to help users who are new to the Scottish Health Survey data; though experienced users might also find it useful. It lists the variables from the 2021 data file used to create the tables in the 2021 report. It is a useful way of identifying quickly the key health outcome and behaviour measures in the study. However, this is by no means an exhaustive list of the survey's key variables.

- Some tables in the report also present data from the previous surveys. The variable names from earlier surveys have not been included here. Users wishing to carry out comparisons over time should refer to the documentation for the earlier surveys. In most cases the name of the variable of interest has stayed the same since 1995. In some cases it has been necessary to amend the variable name due to changes in the question wording or the derivation of the variable.

- Logistic regression usually requires some recoding and renaming of variables (to handle missing values or to combine categories). For these tables the *original* variables used to create the dependent (variable of interest) and the independent (explanatory variables) are listed.

- The column next to the weights contains the dependent variable presented in the table. These are usually the main subject of the table, e.g. self-assessed general health, smoking status, etc. In some cases some further selection criteria was applied to define the dependent variable, these are also shown in this column. The last column contains the independent variables used to disaggregate the data in the table. Please note that any tables with total columns for the age groups 16-64 or 16-74 used the main age group variable but used the select function in SPSS to exclude the older age groups (this is not detailed in the table below).

- All of the tables that present data by NS-SEC, income or SIMD contain age-standardised figures. The process used to standardise the data is not documented here; the syntax is available on request from the Scottish Government Health Survey team (scottishhealthsurvey@scotland.gsi.gov.uk).

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General Health, cardiovascular conditions and CPR training

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