

Scottish Health Survey 1995

Derived Variable Specifications

KEY: (Q) = Created in Quantum

(S) = Created in SPSS

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Classification

Household variables, demographics, employment and education

(Q) NPERSONS: No. of persons in household

Variable Name: NPERSONS

Variable Label: Number of persons in the household

Notes:

Created in Quantum.

Count of number of individuals in household grid

Specification:

$NPersons = NAdults + NChild$

(Q) TENURE: Housing tenure (broad categories)

Variable Name: TENURE

Variable Label: Housing tenure (broad cats)

Value Labels:

1	Owner-occupier
2	Rents LA
3	Rents privately
-9	Not answered

Notes:

Created in Quantum

Specification

	TENURE
Owner-occupier OWNORENT.eq.01.or. OWNORENT.eq.02	1
Rents LA OWNORENT.eq.03	2
Rents Privately OWNORENT.in.(04:09)	3
Not answered OWNORENT.le.-8	-9

(Q) NUMCAR: Access to cars

Variable name: NUMCAR

Variable label: Access to cars or vans

Value labels:

- 1 None
- 2 One
- 3 Two
- 4 Three or more
- 9 Not answered

Notes:

Created in Quantum

Specification

NUMCAR.in.(1:3)

NUMCAR
Value of NCARS+1

None

CAR.eq.2

1

Not answered

(CAR.le.-8.or.NUMCARS.le.-8).or.

-9

(Q) BENEFIT: Household receives benefits

Variable Name: BENEFIT

Variable Label: HHold IS,FC, or HB

Value Labels:

- 1 Yes
- 2 No
- 9 Not answered

Notes:

Created in Quantum.

Specification:

Yes	BENEFIT
INCSUP.eq.1.or.FAMCRED.eq.1.or. HOUSEBEN.eq.1	1
No	
INCSUP.eq.2.and.FAMCRED.eq.2.and HOUSEBEN	2
Not answered	
All Other cases	-9

(Note: Respondents who own outright or own with a mortgage/loan do not get asked HOUSEBEN)

(Q) CIECSTA: Economic activity status of chief income earner

Variable name: CIECSTA

Variable label: Economic activity status of chief income earner

Value labels:

1	FT work
2	PT work
3	Work - na - hrs
4	Unemployed
5	Perm sick
6	Retired
7	Keeping house
8	FT student (no job)
9	Other inact
-8	Don't know
-9	Not answered

Notes:

Created in Quantum.

Specification:

To establish CIE: CINCEARN.in.1,-1,-8).or.NADULTS.eq.1 use respondent's details for the derivation. Otherwise use ECSTA.

	CIECSTA
FT Work	Cieact.eq.2.and.Cieftpt.eq.1
PT Work	Cieact.eq.2.and.cieftpt.eq.2
Work na hrs	Cieact.eq.2.and.cieftpt.le.-8
Unemployed	cieact.in.(3:5)
Permanently sick	cieact.eq.6
Retired	cieact.eq.7
Keeping house	cieact.eq.8
FT student (no job)	cieact.eq.1
Other inactive	cieact.eq.9

FT students who are also working are included in working category.

(Q) CIESTUD1: Social class of chief income earner

Variable name: CIESTUD1

Variable label: Social class - CIE

Value labels:

01	I Professional
02	II Intermediate
03	III Skilled (non-manual)
04	III Skilled (manual)
05	IV Partly skilled
06	V Unskilled
07	Armed Forces
08	Not fully described
09	FT student (all)
10	Never worked
-9	Not answered (99)

Notes:

Created in Quantum.

If respondent was the chief income earner, the social class of the respondent is used. Full-time students are coded separately, whether or not they had a job previously.

Specification

I Professional	CIESTUD1 Ciesc.eq.1
II Intermediate	Ciesc.eq.2
III Skilled (non-manual)	Ciesc.eq.3
III Skilled (manual)	Ciesc.eq.4
IV Partly skilled	Ciesc.eq.5
V Unskilled	Ciesc.eq.6
Armed Forces	Ciesc.eq.7
Not fully described	Ciesc.eq.8
FT student (all)	Cieact.eq.1
Never worked	Cieevjob.eq.2
Not answered	Cieact.eq.-9.or.Ciesc.le.-8.or.cieevjob.eq.-8

(Q) CIESTUD2: Social class of chief income earner - grouped

Variable name: CIESTUD2

Variable label: Social class of chief income earner - grouped

Value labels:

1	I & II
2	III NM
3	III M
4	IV & V
-1	Not applicable

Notes:

Created in Quantum

Recode of CIESTUD1.

Specification:

	CIESTUD2
I & II CIESTUD1.in.(01,02)	1
III NM CIESTUD1.eq.03	2
III M CIESTUD1.eq.04	3
IV & V CIESTUD1.in.(05,06)	4
Not applicable - full-time students, etc. CIESTUD1.in.(07,08,09,10,-9)	-1

(Q) CIESTUD3: Social Class of chief income earner- inapplicable grouped

Variable name: CIESTUD3

Variable label: Social Class of chief income earner - inapplicable grouped (6)

Value labels:

1	I
2	II
3	III NM
4	III M
5	IV
6	V
-1	Not applicable

Notes:

Created in Quantum

Recode of CIESTUD1.

Specification:

	CIESTUD3
Not applicable - full-time students etc CIESTUD1.in.(07,08,09,10,-9)	-1
Valid values CIESTUD1.in.(1:6)	value(CIESTUD1)

(Q) CIESEGEE: Socio-economic group of chief income earner

Variable name: CIESEGEE

Variable label: SEG of chief income earner

Value labels:

1	Employers:large
2	Managers:large
3	Employers:small
4	Managers:small
5	Prof:selfemp
6	Prof:employee
7	Int non-man anc
8	Int non-m foremn
9	Junior non-man
10	Personal service
11	Manual:foremn/sv
12	Skilled manual
13	Semi-skilled man
14	Unskilled man
15	Own acc non-prof
16	Farmers:emp&mgrs
17	Farmers:own acc
18	Agric workers
19	Armed forces
20	FT student(nvr work)
-1	Not applicable

Notes:

Created in Quantum.

Students who are currently working, waiting to take up a job or who have ever worked are coded according to their current or most recent job. Based on questionnaire variable SEG which gives the socio-economic group for respondents who had ever worked.

Non-students who have never worked are coded as -1 on the base variable SEG and this is carried over to CIESEG.

If respondent is CIE, use SEG for derivation

Specification:

	CIESEGEE
No answer	
CIESEG.eq.20	-9
Students never worked:	
Cieact.eq.1.and.cieevjob.eq.2	20
Value values - all other cases	value(CIESEG)

(Q) CIESEGES: SEG for chief income earner (FT Students separate code)

Variable name: CIESEGES
Value label: SEG for CIE (FTS sep code)

Values labels:

1	Employers:large
2	Managers:large
3	Employers:small
4	Managers:small
5	Prof:selfemp
6	Prof:employee
7	Int non-man anc
8	Int non-m foremn
9	Junior non-man
10	Personal service
11	Manual:foremn/sv
12	Skilled manual
13	Semi-skilled man
14	Unskilled man
15	Own acc non-prof
16	Farmers:emp&mgrs
17	Farmers:own acc
18	Agric workers
19	Armed forces
20	FT student(all)
-1	Not applicable

Notes:

Created in Quantum.

Students are coded to 20 irrespective of current or previous employment experience.
As with SEGEE, uses base variable CIESEG/SEG.

Specification:

	CIESEGES
Not applicable	
CIESEG/SEG.eq.-1	-1
No answer	
CIESEG/SEG.eq.20	99
All full time students	
ACTIV/CIEACT.eq.1	20
Otherwise	value(CIESEG/SEG)

(Q) AGE1: Age in ten year bands

Variable name: AGE1

Variable label: Age in ten year bands

Value labels:

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

Notes:

Created in Quantum.

Specification:

	AGE1
RESPAGE.IN.(16:24)	1
RESPAGE.IN.(25:34)	2
RESPAGE.IN.(35:44)	3
RESPAGE.IN.(45:54)	4
RESPAGE.IN.(55:64)	5

(Q) AGE5: Age in broad bands

Variable name: AGE5

Variable label: Age in broad bands

Value labels:

1	16-44
2	45-64

Notes:

Created in Quantum.

Recode of AGE1.

Specification:

	AGE5
RESPAGE.IN.(16:44)	1
RESPAGE.IN.(45:64)	2

(Q) EPIDAGE: Epidemiological Age of respondent

Variable name: EPIDAGE

Variable label: Epidemiological age of respondent

Notes:

Created in Quantum.

This variable corresponds to the age of the respondent - rounded to the nearest integer. For reasons of confidentiality, respondent's day and month of birth, as well as the day of individual and nurse interview, are not available in the 1995 data set. However, two variables are available on the individual data set which provide different calculations for respondent's age. The variable RESPAGE give the respondent's age last birthday and EPIDAGE is calculated from the respondent's date of birth and date of the individual interview. These variables have been computed to give the respondent's exact age rounded to the nearest integer.

The day, month, and year of interview and birth are calculated, The these date variables are used to compute age in years by dividing the difference between the two dates by the number of seconds and the approximate number of days in a year (allowing for leap years). The intermediate variables (INTDATE, RESPDOB) have been dropped from the 1995 data set.

Specification:

/* Intdate

```
datearr(5,6)=c(2017,2018)
datearr(3,4)=c(2019,2020)
datearr(1,2)=c(2023,2024)
call julian(datearr(1,2),datearr(3,4),datearr(5,6))
c(12901,12906)=datearr(1,6)
lista c(12901,12906)$intdate$
jultoday=julwork
```

/* DoB

```
datearr(1,2)=c(1145,1146)
datearr(3,4)=c(1141,1142)
datearr(5,6)=c(1139,1140)
c(12901,12906)=datearr(1,6)
lista c(12901,12906)$dob$
call julian(datearr(1,2),datearr(3,4),datearr(5,6))
epidage=(jultoday+183.0-julwork)/365.25
```

(Q) ECSTA: Economic activity status - Respondent

Variable name: ECSTA

Variable label: Economic activity status

Value labels:

1	FT work
2	PT work
3	Work - unspecified hrs
4	Unemployed
5	Perm sick
6	Retired
7	Keeping house
8	FT student (no job)
9	Other inact

Notes:

Created in Quantum.

Specification:

	ECSTA
FT Work ACTIV.eq.2.and.FTPPTIME.eq.1	1
PT Work ACTIV.eq.2.and.FTPPTIME.eq.2	2
Work na hrs ACTIV.eq.2.and.FTPPTIME.le-8	3
Unemployed ACTIV.in.(3:5)	4
Permanently sick ACTIV.eq.6	5
Retired ACTIV.eq.7	6
Keeping house ACTIV.eq.8	7
FT student (no job) ACTIV.eq.1	8
Other inactive ACTIV.eq.9	9

FT students also working are included in working category.

(Q) ECSTA2: Economic activity status - All FT Students coded separately

Variable name: ECSTA2

Variable label: Economic activity status

Value labels:

- | | |
|---|------------------------|
| 1 | FT work |
| 2 | PT work |
| 3 | Work - unpsecified hrs |
| 4 | Unemployed |
| 5 | Perm sick |
| 6 | Retired |
| 7 | Keeping house |
| 8 | FT student (all) |
| 9 | Other inactive |

Notes:

Created in Quantum.

Specification:

	ECSTA2
Full time student (all) Everjob.eq.2.and.(activ.eq.1.or.educend.eq.1)	8
Otherwise	Value(ECSTA)

Full time students coded as 8 whether working in last week or not.

(Q) ECSTAGP1: Economic activity status grouped (5)

Variable name: ECSTAGP1

Variable label: Economic activity status grouped (5)

Value labels:

1	FT work
2	PT work
3	Work - unspecified hrs
4	Unemployed
5	Inactive
-8	DK/Ref

Notes:

Created in Quantum.

Recode of ECSTA. Students coded according to whether working/unemployed/inactive.

Specification:

	ECSTAGP1
Inactive ECSTA.in.(5:9)	5
Otherwise	Value(ECSTA)

(Q) ECSTAGP2: Economic activity status grouped (3)

Variable name: ECSTAGP2

Variable label: Economic activity status grouped (3)

Value labels:

1	Working
2	Unemployed
3	Inactive
-8	DK/Ref

Notes:

Created in Quantum.

Recode of ECSTA. Full time-students coded according to whether working/inactive/unemployed.

Specification:

	ECSTAGP2
Working ECSTA.in.(1,2,3)	1
Unemployed ECSTA.eq.4	2
Inactive ECSTA.in.(5,6,7,8,9)	3

(Q) SCALL1: Social class of respondent

Variable name: SCALL1

Variable label: Social class of respondent

Value labels:

01	I Professional
02	II Managerial Technical
03	IIIN Skilled non-manual
04	IIIM Skilled manual
05	IV Partly skilled
06	V Unskilled
07	Armed forces
08	Not fully described
09	FT student (nvr wrk)
10	Never worked
-9	Not answered

Notes:

Created in Quantum.

Students working in previous week coded according to that job. Students who have never had a job who were waiting to take up a job are coded according to job they were waiting to take up. Students who have had a job in the past are coded according to most recent job. All other students (never worked/not waiting to take up a job) are coded as full-time students. Based on questionnaire variable SOCCLS which codes the social class of all those who ever had a job.

Specification:

	SCALL1
Individuals with valid social class	Value(SOCCLS)
Full time students never worked: Everjob.eq.2.and.(activeq.1.or.educend.eq.1)	9
Never worked (excluding full-time students) EVERPD.in.(2,9)	-1

(Q) SCSTUD1: Social class of respondent (FT Students separate code)

Variable name: SCSTUD1

Variable label: Social Class - Resp (FTS sep code)

Value labels:

1	I Professional
2	II Managerial Technical
3	IIIN Skilled (non-manual)
4	IIIM Skilled (manual)
5	IV Partly skilled
6	V Unskilled
7	Armed Forces
8	Not fully described
9	FT student (all)
-9	Not answered

Notes:

Created in Quantum.

Full time students are coded as 9 irrespective of whether they are currently working, waiting to take up a job or have ever worked.

Specification:

	SCSTUD1
Full time student Everjob.eq.2.and.(activ.eq.1.or.educend.eq.1)	9
Otherwise	Value(SCALL)

(Q) SCSTUD2: Social Class of respondent (FT Students separate code)

Variable name: SCSTUD2

Variable label: Social class - Resp (FTS sep code)

Value labels:

1	I Professional
2	II Managerial Technical
3	IIIN Skilled (non-manual)
4	IIIM Skilled (manual)
5	IV Partly skilled
6	V Unskilled
-1	Not applicable

Notes:

Created in Quantum.

Recode of SCSTUD1

Specification:

	SCSTUD1
I & II SCSTUD1.in.(1,2)	1
III non-man SCSTUD1.eq.3	2
III man SCSTUD1.eq.4	3
IV & V SCSTUD1.in.(5,6)	4
Not applicable SCSTUD1.in.(7,8,9,-1)	-1
For values of SCSTUD1.in.(1:6)	Value(SCSTUD1)

(Q) SEGEE: SEG of respondent

Variable name: SEGEE

Variable label: SEG

Value labels:

-1	Not applicable
-9	No answer
1	Employers:large
2	Managers:large
3	Employers:small
4	Managers:small
5	Prof:selfemp
6	Prof:employee
7	Int non-man anc
8	Int non-m foremn
9	Junior non-man
10	Personal service
11	Manual:foremn/sv
12	Skilled manual
13	Semi-skilled man
14	Unskilled man
15	Own acc non-prof
16	Farmers:emp&mgrs
17	Farmers:own acc
18	Agric workers
19	Armed forces
20	FT student(nvr work)

Notes:

Created in Quantum.

Students who are currently working, waiting to take up a job or who have ever worked are coded according to their current or most recent job. Based on questionnaire variable SEG which gives the socio-economic group for respondents who had ever worked. Non-students who have never worked are coded as -1 on the base variable SEG and this is carried over to SEGEE.

Specification:

	SEGEE
No answer SEG.eq.20	-9
Students never worked ACTIV.eq.4.and.EVERJOB.eq.2 .or.(EDUCEND.eq.1.and.EVERPD.in.(2,9))	20
Value values - all other cases	value(SEG)

(Q) SEGEST: SEG of respondent (FT Students separate code)

Variable name: SEGEST

Variable label: SEG (FTS sep code)

Value labels:

-1	Not applicable
-9	Not answered
1	Employers:large
2	Managers:large
3	Employers:small
4	Managers:small
5	Prof:selfemp
6	Prof:employee
7	Int non-man anc
8	Int non-m foremn
9	Junior non-man
10	Personal service
11	Manual:foremn/sv
12	Skilled manual
13	Semi-skilled man
14	Unskilled man
15	Own acc non-prof
16	Farmers:emp&mgrs
17	Farmers:own acc
18	Agric workers
19	Armed forces
20	FT student(all)

Notes:

Created in Quantum.

Students are coded to 20 irrespective of current or previous employment experience.

As with SEGEE uses base variable SEG.

Specification:

	SEGEST
Not applicable SEG.eq.-1	-1
No answer SEG.eq.20	-9
All full time students EDUCEND.eq.1.or.activ.eq.1	20
Otherwise	value(SEG)

(Q) FINOUTC: Final overall response

Variable name: FINOUTC

Variable label: Final overall response

Value labels:

- | | |
|---|-----------------------------|
| 1 | Main+SC+Nurse |
| 2 | Main+SC but no Nurse |
| 3 | Main+Nurse but no SC |
| 4 | Main/partial interview only |

Notes:

Created in Quantum.

Specification:

	FINOUTC
Main, self-completion and nurse SCARR.in.(1,2).and.NOUTCOME.eq.61	1
Main and self-completion, but no nurse SCARR.in.(1,2).and.NOUTCOME.ne.61	2
Main and nurse interviews, but no self-completion SCARR.eq.3.and.NOUTCOME.eq.61	3
Main or partial interview only SCARR.eq.3.and.NOUTCOME.ne.61	4

(Q) QUARTER: Quarter interview done

Variable name: QUARTER

Variable label: Quarter interview done

Value labels:

- | | |
|---|------------------|
| 1 | Mar-May (Spring) |
| 2 | Jun-Aug (Summer) |
| 3 | Sep-Nov (Autumn) |
| 4 | Dec-Feb (Winter) |

Notes:

Created in Quantum.

Based on survey issue month rather than month of interview. Some of the December sample were issued in late November so that interviews could be completed before Christmas.

Specification:

	QUARTER
MONISS.in.(1:3)	1
MONISS.in.(4:6)	2
MONISS.in.(7:9)	3
MONISS.in.(10-12)	4

(Q) SEASON: Season of interview

Variable name: SEASON

Variable label: Season of interview

Value labels:

- | | |
|---|-------------------|
| 1 | Winter (Dec-Feb) |
| 2 | Spring (Mar-May) |
| 3 | Summer (Jul-Aug) |
| 4 | Autumn (Sept-Nov) |

Notes:

Created in Quantum.

Based on month of interview.

Specification:

	SEASON
MONISS.in.(12,1,2)	1
MONISS.in.(3,4,5)	2
MONISS.in.(6,7,8)	3
MONISS.in.(9,10,11)	4

(Q) TOPQUAL2: Highest qualification attained (FT Students sep. code)

Variable name: TOPQUAL2

Variable label: Highest qualification attained (excl FTS)

Value labels:

-9	No answer
1	Degree or equivalent
2	High ed below degree
3	GCE AL equiv
4	GCE OL equiv
5	CSE other gra equiv
6	Foreign/other
7	No quals
8	FT stud (all)

Notes:

Created in Quantum.

Codes highest educational qualification - full time students are given a separate code. Recode of TOPQUAL and TOPVOCAT. Codes FTS first and excludes them from rest of coding. Looks at both variables and codes highest from either.

Specification:

	TOPQUAL2
Degree or equiv TOPQUAL.eq.01.or.TOPVOCAT.eq.8	1
Higher ed below degree TOPVOCAT.in.(1,3,6,7,9,19)	2
GCE AL equiv TOPQUAL.eq.2. or.TOPVOCAT.in.(2,4,10)	3
GCE OL equiv TOPQUAL.in.(3:10). or.TOPVOCAT.in.(5,11)	4
CSE other gra equiv TOPQUAL.in.(11:15). or.TOPVOCAT.in (12,14,15)	5
CSE ungraded equiv TOPQUAL.eq.16.or.TOPVOCAT.eq.13	6
Foreign/other	

TOPQUAL.in.(17,18).or.TOPVOCAT.eq.16	7
No quals TOPQUAL.eq.19.and.TOPVOCAT.eq.17	8
FT student - all EDUCEND.eq.1.or.ACTIV.eq.1	9
No answer TOPQUAL.le.-8.or TOPVOCAT.eq.18. or.TOPVOC.lt.0	-9

(Q) TOPQUAL3: Highest qualification attained (inc. FT Students)

Variable name: TOPQUAL3

Variable label: Highest qualifications attained (inc FTS)

Value labels:

-9	No answer
1	Degree or equivalent
2	High ed below degree
3	GCE AL equiv
4	GCE OL equiv
5	CSE other gra equiv
6	CSE ungraded
7	Foreign/other
8	No quals
9	FT student

Notes:

Created in Quantum.

Codes full time students according to their highest qualification so far. Priority code in order below. Look at both variables and code highest.

Specification:

	TOPQUAL3
Degree or equiv TOPQUAL.eq.01.or.TOPVOCAT.eq.8	1
Higher ed below degree TOPVOCAT.in.(1,3,6,7,9,19)	2
GCE AL equiv TOPQUAL.eq.2.or.TOPVOCAT.in.(2,4,10)	3
GCE OL equiv TOPQUAL.in.(3:10).or.TOPVOCAT.in.(5,11)	4
CSE other gra equiv TOPQUAL.in.(11:15). or.TOPVOCAT.in (12,14,15)	5
CSE ungraded equiv TOPQUAL.eq.16.or.TOPVOCAT.eq.13	6
Foreign/other TOPQUAL.in.(17,18).or.TOPVOCAT.eq.16	7

FT student - all EDUCEND.eq.1.or.ACTIV.eq.1	9
No quals TOPQUAL.eq.19.and.TOPVOCAT.eq.17	8
No answer TOPQUAL.le.-8.or TOPVOCAT.in.(0,18).	-9

(Q) TOPQUAL4: Highest qualification attained (FT Students sep. code)

Variable name: TOPQUAL4

Variable label: Highest education level (excl FTS) - grouped

Value labels:

-9	No answer
1	A level or above
2	GCSE A-C or equiv
3	Other
4	None
5	Full-time student

Notes:

Created in Quantum.

Recode of TOPQUAL2. Full time students coded separately.

Specification:

	TOPQUAL4
A level or above TOPQUAL.in.(1,2).or.TOPVOCAT.in.(1:4,6:10)	1
GCSE A-C or equiv TOPQUAL.in.(3:10).or.TOPVOCAT.(5,11)	2
Other TOPQUAL.in.(11:18).or.TOPVOCAT.in(12:16,18)	3
None TOPQUAL.eq.19.and.TOPVOC.eq.17	4
Full-time student EDUCEND.eq.1.or.ACTIV.eq.1	5
No answer TOPQUAL.le.-8.or.TOPVOC.lt.0	-9

(Q) TOPQUAL5: Highest qualification attained (inc. FT students)

Variable name: TOPQUAL5

Variable label: Highest education level (incl FTS) grouped

Value labels:

-9	No answer
1	Degree or equivalent
2	Higher, below degree
3	A level or equiv
4	GCSE A-C or equiv
5	GCSE D-G or equiv
6	CSE ungraded
7	Foreign/other
8	No qual

Notes:

Created in Quantum.

Recode of TOPQUAL and TOPVOCAT. Full-time students coded to highest qualification.

Specification:

	TOPQUAL5
No answer TOPQUAL.le.-8.or.TOPVOC.lt.0.or.TOPVOC18.eq.1)	-9
For TOPQUAL.in.(01:16).or.TOPVOCAT.in.(1:15,19)	Value(TOPQUAL3)
Foreign/other TOPQUAL.in.(17,18).or.TOPVOCAT.eq.16	7
No qual TOPQUAL.eq.19 and TOPVOCAT.eq.17	8

(Q) HB7: Health Boards - grouped

Variable name: HB7

Variable label: Health Boards - grouped

Value labels:

- | | |
|---|------------------------------|
| 1 | Highland and Islands |
| 2 | Grampian and Tayside |
| 3 | Lothian and Fife |
| 4 | Borders, Dumfries & Galloway |
| 5 | Glasgow |
| 6 | Lanark etc |
| 7 | Argyll etc |

Notes:

Created in Quantum.

Recode of HLTHBRD

Specification:

	HB7
Highland and Islands HLTHBRD.in.(1,13,14,15)	1
Grampian and Tayside HLTHBRD.in.(2,3)	2
Lothian and Fife HLTHBRD.in.(4,5)	3
Borders, Dumfries and Galloway HLTHBRD.in.(6,12)	4
Greater Glasgow HLTHBRD.in.(9)	5
Lanarkshire, Ayrshire & Arran HLTHBRD.in.(10,11)	6
Forth Valley, Argyll & Clyde HLTHBRD.in.(7,8)	7

(S) CARGP: Carstairs Index quartiles

Variable name: CARGP

Variable label: Carstairs Index grouped into quartiles

Value labels:

1	Least affluent areas
2	
3	
4	Most affluent areas

Notes:

Created in SPSS using weighted data.

Recode of CARINDEX

Specification:

WEIGHT BY weighta.

```
RECODE carindx (lo thru -2.490=1)(lo thru -0.580=2)(lo thru 1.710=3)(lo thru hi=4) INTO cargp4.
```

```
VARIABLE LABELS cargp4 'Carstairs Index - quartiles'.
```

```
VALUE LABELS cargp4 1 'least affluent areas' 5 'most affluent areas'.
```

```
WEIGHT OFF.
```

(S) CARGP5: Carstairs Index quintiles

Variable name: CARGP5

Variable label: Carstairs Index grouped into quintiles

Value labels:

1	Least affluent areas
2	
3	
4	
5	Most affluent areas

Notes:

Created in SPSS using weighted data

Recode of CARINDX

Specification:

WEIGHT BY weighta.

```
RECODE carindx (lo thru -2.910=1)(lo thru -1.290=2)(lo thru  
0.2700=3)  
(lo thru 2.390=4)(lo thru hi=5) INTO cargp5.
```

```
VARIABLE LABELS cargp5 'Carstairs Index - quintiles'.
```

```
VALUE LABELS cargp5 1 'least affluent areas' 5'most affluent  
areas'.
```

```
WEGIHT OFF.
```

(Q) WEIGHTA: Weighting variable

Variable name: WEIGHTA

Variable label: Weighting variable - individual level

Notes:

Created in Quantum. See User Guide for more details regarding the weighting scheme.

Specification

```
/* Wt1
  if (hb15.eq.1)
+ if (point.eq.2) wt1=89.3
+ else; if (point.in.(1,288)) wt1=97.9
+ else; if (point.eq.81) wt1=99.8
+ else; if (point.eq.107) wt1=106.6
+ else; wt1=77.4
  if (hb15.eq.2) wt1=69.1
+ else; if (hb15.eq.3) wt1=82.5
+ else; if (hb15.eq.4) wt1=68.2
+ else; if (hb15.in.(5,6)) wt1=174.0
+ else; if (hb15.in.(7,8)) wt1=179.2
+ else; if (hb15.in.(9,10))
+ if (point.eq.66) wt1=96.5
+ else; wt1=80.7
  if (hb15.eq.11) wt1=175.7
+ else; if (hb15.in.(12,13))
+ if (point.eq.283) wt1=160.7
+ else; wt1=160.1
  if (hb15.in.(14,15)) wt1=174.7

/* Wt2
  x9=1.0
  if (moi.eq.1)
+ if (nofhold.eq.2) x9=2.0
+ else; if (nofhold.ge.3) x9=3.0
  wt2=((nofhold/(x9*moi))*nofadult)/1.0

/* Wt3
  if (hb7.eq.1) wt3=1.062
+ else; if (hb7.eq.2) wt3=1.056
+ else; if (hb7.eq.3) wt3=0.976
+ else; if (hb7.eq.4) wt3=1.034
+ else; if (hb7.eq.5) wt3=1.087
+ else; if (hb7.eq.6) wt3=0.951
+ else; if (hb7.eq.7) wt3=0.910

/* Wt4
  if (respsex.eq.1)
+ if (age1.eq.1) wt4=1.127
+ else; if (age1.eq.2) wt4=1.257
```

```

+ else; if (age1.eq.3) wt4=1.106
+ else; if (age1.eq.4) wt4=0.968
+ else; if (age1.eq.5) wt4=0.908
  if (respsex.eq.2)
+ if (age1.eq.1) wt4=1.028
+ else; if (age1.eq.2) wt4=0.984
+ else; if (age1.eq.3) wt4=0.885
+ else; if (age1.eq.4) wt4=0.847
+ else; if (age1.eq.5) wt4=0.959

/* wtall
  wtall=(wt1*wt2*wt3*wt4)

/* weighta
  weighta=(wtall*7900.0)/2328645.25
  if (weighta.lt.0.15) weighta=0.15
  weighta=(weighta*7900.0)/7905.376

```

General Health

(Q) COMPM: Longstanding Illness grouped - 18 categories

Variable name: COMPM00 to COMPM18

Variable label: Type of longstanding illness

Value Labels:

- 1 II Neoplasm
- 2 III Endcr + metab
- 3 V Mental disorder
- 4 VI Nervous sys
- 5 VI Eye
- 6 VI Ear
- 7 VII Circul sys
- 8 VIII Resp sys
- 9 IX Digestive sys
- 10 X Genitourinary
- 11 XII Skin
- 12 XIII Musculoskelatal
- 13 Infectious disease
- 14 Blood disorders
- 15 Other complaints
- 17 No L-S illness
- 18 No longer present
- 9 Not answered
- 1 Not applicable

Notes:

Created in Quantum.

Recodes longstanding illness into broad categories. Defines dummy variables COMPM00-COMPM18, one for each of the 18 illness codes. ILLSM is an array variable which contains all of the longstanding illness data for a given individual - a maximum of six were coded for each individual. The dummy variables are the easiest to use in SPSS since they can be used to define a multi-response set as well as easily allowing for the selection of particular subgroups with a given type of longstanding illness.

Specification:

II Neoplasm ILLCOD.in.(01,43)	COMPM1=1
III Endocrine + metabolism ILLCOD.in.(02,03,44)	COMPM2=1
V Mental disorder ILLCOD.in.(04,05)	COMPM3=1

VI Nervous system ILLCOD.in.(06,07,08,45)	COMPM4=1
VI Eye ILLCOD.in.(09,10)	COMPM5=1
VI Ear ILLCOD.in.(11:14)	COMPM6=1
VII Circulatory system ILLCOD.in.(15:21)	COMPM7=1
VIII Respiratory system ILLCOD.in.(22:25)	COMPM8=1
IX Digestive system ILLCOD.in.(26:29)	COMPM9=1
X Genitourinary ILLCOD.in.(30:33)	COMPM10=1
XII Skin ILLCOD.eq.39	COMPM11=1
XIII Musculoskeletal ILLCOD.in.(34:36)	COMPM12=1
Infectious disease ILLCOD.eq.37	COMPM13=1
Blood disorders ILLCOD.eq.38	COMPM14=1
Other complaints ILLCOD.eq.40	COMPM15=1
No L-S illness LONGILL.eq.2	COMPM17=1
No longer present ILLCOD.eq.42	COMPM18=1

(Q) COMPX00-21: Type of longstanding illness

Variable name: COMPX00 - COMP21

Variable label: Type of longstanding illness - separate codes for benign lumps, AIDS, Alzheimer's

Value Labels:

1	II Neoplasm
2	III Endcr + metab
3	V Mental disorder
4	VI Nervous sys
5	VI Eye
6	VI Ear
7	VII Circul sys
8	VIII Resp sys
9	IX Digestive sys
10	X Genitourinary
11	XII Skin
12	XIII Musculoskel
13	Infectious disease
14	Blood disorders
15	Other complaints
17	No L-S illness
18	No longer present
19	Benign lumps,cysts
20	AIDS, AIDS carrier, HIV+ve
21	Alzheimer's disease etc
-9	Not answered
-1	Not applicable

Notes:

Created in Quantum.

Same as COMPM00-18 but with separate codes for benign lumps, AIDS, Alzheimer's.

Recodes longstanding illness into broad categories. Defines dummy dichotomous variables COMPX00-COMPX18 and COMPX99, one for each of the 21 illness codes. ILLSM is an array variable which contains all of the longstanding illness data for a given individual - a maximum of six were coded for each individual. The dummy variables are the easiest to use in SPSS since they can be used to define a multiresponse set as well as easily allowing for the selection of particular subgroups with a given type of longstanding illness.

Specification:

II Neoplasm ILLCOD.in.(01)	COMPX1=1
III Endcr + metab ILLCOD.in.(02,03)	COMPX2=1
V Mental disord ILLCOD.in.(04,05)	COMPX3=1
VI Nervous syst ILLCOD.in.(06,07,08)	COMPX4=1
VI Eye ILLCOD.in.(09,10)	COMPX5=1
VI Ear ILLCOD.in.(11:14)	COMPX6=1
VII Circul syst ILLCOD.in.(15:21)	COMPX7=1
VIII Resp syst ILLCOD.in.(22:25)	COMPX8=1
IX Digestive sys ILLCOD.in.(26:29)	COMPX9=1
X Genitourinary ILLCOD.in.(30:33)	COMPX10=1
XII Skin ILLCOD.eq.39	COMPX11=1
XIII Musculoskel ILLCOD.in.(34:36)	COMPX12=1
Infectionus dis ILLCOD.eq.37	COMPX13=1
Blood disorders ILLCOD.eq.38	COMPX14=1
Other complaints ILLCOD.eq.40	COMPX15=1
No L-S illness LONGILL.eq.2	COMPX17=1
No longer present ILLCOD.eq.42	COMPX18=1
Benign lumps,cysts ILLCOD.eq.43	COMPX19=1

AIDS, carrier, HIV +ve
ILLCOD.eq.44

COMPX20=1

Alzheimer's etc
LONGILL.eq.45

COMPX21=1

(Q) CONDCNT: Number of grouped condition categories

Variable name: CONDCNT

Variable label: Number of conditions

Value labels:

- 0 None
- 1 One
- 2 Two
- 3 Three
- 4 Four
- 5 Five
- 6 Six

-9 Not answered

Notes:

Created in Quantum.

Count of the number of longstanding illnesses (max of six).

Specification:

	CONDCNT
None LONGILL.eq.2	0
Not answered ILLSM1.in.(-9,42)	-9
One to Six LONGILL.eq.1 Set CONDCNT=0	SUM ILLSM1 to ILLSM6

(S) CNDCNTA: Number of conditions - grouped

Value Labels:

0	'None'
1	'One'
2	'Two'
3	'Three'
4	'Four or more'
-9	'not answered'

Notes:

Created in SPSS

Specification:

Recode condcnt (5,6=4) (ELSE=COPY) INTO cndcnta.

Variable labels cndcnta 'number of conditions grouped'.

Value labels cndcnta 0 'none'
 1 'one'
 2 'two'
 3 'three'
 4 'four or more'
 -9 'not answered'.

MISSING VALUES cndcnta (-9).

(S) LIMITA: Whether has limiting illness or disability

Value Labels:

- 1 'Yes'
- 2 'Not limiting/no illness'

Notes:

Created in SPSS

Specification:

recode limit (1=1) (2,-1=2) into limita.

Variable labels limita 'whether has limiting illness or disability'.

Value labels limita 1 'yes'
 2 'not limiting/no illness'.

(S) ACUTE: Days cut down normal activities in past fortnight due to illness

Value Labels:

0 'None'
1 '1-3 days'
2 '4-6 days'
3 '7-13 days'
4 'Every day'
-8 'Don't know'

Notes:

Created in SPSS

Specification:

```
recode dayscut (1,2,3=1) (4,5,6=2) (7 thru 13=3) (14=4)  
(ELSE = COPY) into acute.
```

```
if lastfort=2 acute=0.
```

Variable labels acute 'days cut down on normal activities in past fortnight because of illness'.

```
Value labels acute      0 'none'  
                       1 '1-3 days'  
                       2 '4-6 days'  
                       3 '7-13 days'  
                       4 'every day'  
                       -8 'dont know'.
```

```
MISSING VALUES acute (-8) .
```

(S) DIAVOM2: Suffered from diarrhoea or vomiting in past 6 months

Value Labels:

1 'yes'
2 'no'
-8 'can't remember'
-6 'schedule not obtained'
-9 'not answered'

Notes:

Created in SPSS

Specification:

recode diavom (1,2,3=2) (4=1) (ELSE = COPY) into diavom2.

Variable labels diavom2 'diarrhoea/vomiting in past 6 months'.

Value labels diavom2

1 'yes'
2 'no'
-8 'cant remember'
-6 'schedule not obtained'
-9 'not answered' .

MISSING VALUES diavom2 (-8 -6 -9) .

(S) GASTRO1: Gastroenteritis - combined

Value Labels:

1	'No'
2	'Yes, vomiting only, <2wks'
3	'Yes, diarrhoea only, <2wks'
4	'Yes, both, <2wks'
5	'Yes, >2wks, can't remember how long for'
-6	'Schedule not obtained'
-9	'not answered'

Notes:

Created in SPSS

Specification:

```
MISSING VALUES diavom ydiavom (.).  
COMPUTE gastrol=-6.
```

*No.

```
IF (diavom = 4)gastrol=1.
```

*Yes - vomiting only, less than 2 weeks.

```
IF (diavom = 1 and ydiavom le 2)gastrol=2.
```

*Yes - diarrhoea only, less than 2 weeks.

```
IF (diavom = 2 and ydiavom le 2)gastrol=3.
```

*Yes - both, less than 2 weeks.

```
IF (diavom = 3 and ydiavom le 2)gastrol=4.
```

*Yes but more than 2 weeks.

```
IF (ydiavom ge 3)gastrol=5.
```

```
IF (ydiavom = -9 or diavom = -9 or diavom = 8) gastrol = -9.
```

```
EXECUTE.
```

```
VARIABLE LABELS gastrol 'gastroenteritis - combined'.
```

```
VALUE LABELS gastrol
```

```
 1 'No'  
 2 'Yes,vom only,<2wks'  
 3 'Yes,dia only,<2wks'  
 4 'Yes,both,<2wks'  
 5 'Yes,>2wks,cant rem'  
-6 'Schedule not obtained'  
-9 'not answered' .
```

```
MISSING VALUES diavom ydiavom gastrol (-6 -9).
```

(S) GASTRO2: Gastroenteritis symptoms

Value Labels:

1 'No/diarrhoea or vomiting for >2 weeks'
2 'Yes'
-6 'schedule not obtained'
-9 'not answered'

Notes:

Created in SPSS

Specification:

```
MISSING VALUE diavom ydiavom ( ).
```

```
COMPUTE gastro2=-6.
```

```
* Diavom=no or > 2 weeks.
```

```
IF ((diavom = 4)or (ydiavom = 3)) gastro2=1.
```

```
* Diarrhoea only, vom only, both.
```

```
IF (diavom le 3)gastro2=2.
```

```
IF (diavom = 8 or diavom = -9 or ydiavom = 8 or ydiavom = -9) gastro2  
= -9.
```

```
EXECUTE.
```

```
VARIABLE LABELS gastro2 'Gastroenteritis symptoms'.
```

```
VALUE LABELS gastro2
```

```
1 'No/>2weeks'
```

```
2 'Yes'
```

```
-6 'schedule not obtained'
```

```
-9 'not answered'.
```

```
MISSING VALUES diavom ydiavom gastro2 (-6 -9).
```

Chest Pain

(Q) POSSMI: Possible infarction

Value labels

- 1 Yes
- 2 No

Notes:

Created in Quantum.

Ever had severe pain across front of chest for half an hour or more.

Specification:

	POSSMI
Yes SEVPAIN.eq.1	1
No SEVPAIN.ne.1	2

(Q) UPHILL1: Chest pain when walking uphill

Value labels

- 1 Not applicable
- 9 No answer

- 1 Yes
- 2 No
- 3 Never walks uphill nor hurries

Notes:

Created in Quantum.

Specification.

	UPHILL1
Initially set all cases =	-9
Not applicable UPHILL.eq.-1	-1
No answer UPHILL.in.(-6,-7,-8,-9)	-9
Yes UPHILL.eq.1.or.MOST1.eq.1	1
No UPHILL.eq.2.or.MOST1.eq.2	2
Never walks uphill nor hurries - includes those who cannot walk UPHILL.in.(4,5)	3

(Q) LEVEL: Chest pain when walking at ordinary pace

Value labels

- 1 Not applicable
- 9 No answer

- 1 Yes
- 2 No
- 3 Never walks at ordinary pace

Notes:

Created in Quantum.

Specification

	LEVEL
Initially set all cases =	-9
Not applicable ORDPACE.eq.-1	-1
No answer ORDPACE. in.(-6,-7,-8,-9)	-9
Yes ORDSPACE.eq.1.or.MOST2.eq.1	1
No ORDSPACE.eq.2.or.MOST2.eq.2	2
Never walks at ordinary pace UPHILL.eq.5.or. ORDSPACE.eq.4	3

(Q) SYMPAN1: Angina symptoms - Rose angina questionnaire

Value labels

- 1 Not applicable
- 9 No answer

- 1 Grade 1 Angina
- 2 Grade 2 Angina
- 3 No Angina

Notes:

Created in Quantum.

Variables used to derive SYMPAN1:

CHEST - any pain or discomfort in the chest?

1=yes, 2=no

SHOWPAIN - location(s) of pain; can have more than 1 code:

1=upper or middle sternum,

2=lower sternum, 3=left anterior chest, 4=left arm, 5=right anterior chest,

6=right arm, 7=somewhere else

WALKDO - what respondent does when experiences pain while walking

1=stop, 2=slow down, 3=carry on

PAINWAY - If stand still, does the pain go away?

1=goes away, 2= doesn't go away

SOONAWAY - How soon does the pain go away?

1=10 min. or less, 2=more than 10 min.

Specification

	SYMPAN1
No answer	-9
CHEST.in.(-7,-8,-9).or.SHOWPAIN.in.(-7,-8,-9).or. WALKDO.in.(-7,-8,-9).or.PAINAWAY.in.(-7,-8,-9).or. SOONAWAY.in.(-7,-8,-9)	
For all other cases, initially set all cases to no angina =	3
Grade 1 Angina - pain in the chest, and either pain in the sternum or pain in the left anterior chest and left arm, and has to stop or slow down, and pain goes away if respondent stands still, and pain goes away in 10 minutes or less, and pain experienced when walking uphill but not at ordinary pace on level ground	1
CHEST.eq.1.and.((SHOWPAIN(1).or.SHOWPAIN(2)).or. (SHOWPAIN(3).and.SHOWPAIN(4)).and.WALKDO.in.(1,2).and. PAINAWAY.eq.1.and.SOONAWAY.eq.1.and.UPHILL1.eq.1.and.LEVEL.ne.1	
Grade 2 Angina - all of the Grade 1 symptoms plus pain experienced even when walking at ordinary pace on level ground	2
SYMPAN1.eq.1.and.LEVEL.eq.1	

Phlegm, Breathlessness, Wheezing

(Q) PHLEGM: Phlegm symptoms

Value labels

- 9 No answer
- 1 Morning phlegm
- 2 Other phlegm
- 3 No phlegm

Notes:

Created in Quantum.

Specification

	PHLEGM
Initially set all cases =	-9
Morning phlegm - phlegm first thing in the morning in winter for as much as 3 months a year FLEGM.eq.1.and.FREFL.eq.1	1
Other phlegm - phlegm in the winter but not first thing in the morning FLEDA.eq.1.and.FREFL.eq.1	2
No phlegm FREFL.eq.2	3

(Q) BRETHLS1: Whether suffers from breathlessness

Value labels

- 1 Not applicable (can't walk)
- 9 No answer

- 1 Grade 1 breathlessness
- 2 Grade 2 breathlessness
- 3 No breathlessness

Notes:

Created in Quantum.

Specification

	BRETHLS1
Initially set all cases =	-9
Not applicable - cannot walk SOBUP.eq.4	-1
Grade 1 breathlessness - shortness of breath when walking uphill or when hurrying on level ground SOBUP.eq.1.and.(SOBAG.ne.1.and SOLEV.ne.1)	1
Grade 2 breathlessness - shortness of breath when walking with people of own age on level ground, or when walking at own pace on level ground SOBAG.eq.1.or SOLEV.eq.1	2
No breathlessness - never troubled by breathlessness when hurrying or walking uphill, nor when walking with people of own age on level ground, nor when walking at own pace on level ground SOBUP.eq.2.or.(SOBUP.eq.3.and.((SOBAG.eq.2.and.SOLEV.eq.2) .or.(SOBAG.eq.3.and SOLEV.eq.2)))	3

(Q) WHEEZE: Wheeze symptoms in the last 12 months

Value labels

- 1 Wheezing/woken up by shortness of breath
- 2 None

Notes:

Created in Quantum.

Specification

	WHEEZE
Wheezing/woken up by shortness of breath WHEEZE.eq.1.or.SHBRTH.eq.1	1
None WHEEZE.ne.1.and. SHBRTH.ne.1	2

Not answered are treated as not having experienced wheezing or shorthness of breath.

Lung Function

(S) LFOK : Validity of lung function

Value Labels:

- 1 Valid lung function measurement
- 0 Invalid lung function measurement
- 1 Measurement not attempted, refused, not applicable

Notes:

Created in SPSS

Respondents whose had any valid lung function readings had lfok=1.

Those who had some Lung function readings but none of the tsat were answered had lfok=0.

Those who scores were not recorded by the nurse, other than in the section asking for highest satisfactory value had lfok=0.

Those who had no satisfactory blows (but did attempt) had lfok=0.

Those who didn't attempt or refused or not applicable had lfok=-1.

Specification:

```
MISSING VALUES tsat1 to tsat5 ( ).
```

```
DO IF (RANGE (tsat1, -6, -1)).
```

```
  COMPUTE lfok=-1.
```

```
ELSE IF (tsat1 =1 or tsat2 =1 or tsat3 =1 or tsat4 =1 or tsat5  
=1) .
```

```
  COMPUTE lfok =1.
```

```
ELSE.
```

```
  COMPUTE lfok=0.
```

```
END IF.
```

```
EXECUTE.
```

```
VARIABLE LABELS lfok 'Validity of lung function'.
```

```
VALUE LABELS lfok      1 'valid lung function measurement'
```

```
                    0 'invalid lung function measurement'
```

```
                    -1 'item not applicable'.
```

```
MISSING VALUES tsat1 tsat2 tsat3 tsat4 tsat5 (-9 to -1,8).
```

```
MISSING VALUE lfok (-1).
```

(S) MAXFEV, MAXFVC AND MAXPF: Edited maximum FEV, FVC and PF

Variable labels:

MAXFEV	Edited maximum FEV1
MAXFVC	Edited maximum FVC
MAXPF	Edited maximum Peak flow

Value Labels:

-1 'item not applicable'

Notes:

Created in SPSS

Specification:

```
COMPUTE maxfvc = -1 .  
COMPUTE maxfev = -1 .  
COMPUTE maxpf = -1 .
```

```
DO IF (lfok = 1) .  
COMPUTE maxfvc=0.  
COMPUTE maxfev=0.  
COMPUTE maxpf=0.  
END IF .
```

```
DO IF (tsat1=1).  
IF (fvc1>maxfvc) maxfvc=fvc1.  
IF (fev1>maxfev) maxfev=fev1.  
IF (pf1>maxpf) maxpf=pf1.  
END IF.
```

```
DO IF (tsat2=1).  
IF (fvc2>maxfvc) maxfvc=fvc2.  
IF (fev2>maxfev) maxfev=fev2.  
IF (pf2>maxpf) maxpf=pf2.  
END IF.
```

```
DO IF (tsat3=1).  
IF (fvc3>maxfvc) maxfvc=fvc3.  
IF (fev3>maxfev) maxfev=fev3.  
IF (pf3>maxpf) maxpf=pf3.  
END IF.
```

```
DO IF (tsat4=1).  
IF (fvc4>maxfvc) maxfvc=fvc4.  
IF (fev4>maxfev) maxfev=fev4.  
IF (pf4>maxpf) maxpf=pf4.  
END IF.
```

```
DO IF (tsat5=1).  
IF (fvc5>maxfvc) maxfvc=fvc5.  
IF (fev5>maxfev) maxfev=fev5.  
IF (pf5>maxpf) maxpf=pf5.  
END IF.
```

```
VARIABLE LABELS maxfvc "Edited maximum FVC"  
                /maxfev "Edited maximum FEV"  
                /maxpf "Edited maximum PF" .
```

```
VALUE LABELS maxfvc maxfev maxpf -1 'item not applicable' .
```

(S) PREDFEV, PREDFVC, PREDPF: Predicted values for lung functions

(S) RESDFEV, RESDFVC, RESDPF: Residual values for lung functions

Variable labels:

PREDFEV	Predicted FEV1
PREDFVC	Predicted FVC
PREDPF	Predicted Peak flow
RSDFEV	Residual FEV1
RSDFVC	Residual FVC
RSDPF	Residual Peak flow

Value labels:

-1 'not applicable'

Notes:

Created in SPSS

Specification:

```
COMPUTE predfev=0.  
COMPUTE predfvc=0.  
COMPUTE predpf =0.  
COMPUTE rsdfev=0.  
COMPUTE rsdfvc=0.  
COMPUTE rsdpf =0.
```

```
IF (respsex=1 and respage lt 26) predfev = (4.30*height)-  
(0.029*25) -  
2.49.
```

```
IF (respsex=1 and respage lt 26) predfvc = (5.76*height)-  
(0.026*25) -  
4.34.
```

```
IF (respsex=1 and respage lt 26) predpf = ((6.14*height)-  
(0.043*25)+0.15)*60.
```

```
IF (respsex=1 and respage ge 26) predfev = (4.30*height)-  
(0.029*respage) -2.49.
```

```
IF (respsex=1 and respage ge 26) predfvc = (5.76*height)-  
(0.026*respage) -4.34.
```

```
IF (respsex=1 and respage ge 26) predpf = ((6.14*height)-  
(0.043*respage)+0.15)*60.
```

```
IF (respsex=1) rsdfev =0.51.
```

```
IF (respsex=1) rsdfvc = 0.61.
```

```
IF (respsex=1) rsdpf = 1.21.
```

```

* Women.

IF (respsex=2 and respage lt 26) predfev = (3.95*height)-
(0.025*25) -
  2.60.
IF (respsex=2 and respage lt 26) predfvc = (4.43*height)-
(0.026*25) -
  2.89.
IF (respsex=2 and respage lt 26) predpf = ((5.50*height)-
(0.030*25) -
  1.11)*60.

IF (respsex=2 and respage ge 26) predfev = (3.95*height)-
(0.025*respage) -2.60.
IF (respsex=2 and respage ge 26) predfvc = (4.43*height)-
(0.026*respage) -2.89.
IF (respsex=2 and respage ge 26) predpf = ((5.50*height)-
(0.030*respage) -1.11)*60.

IF (respsex=2) rsdfcv =0.38.
IF (respsex=2) rsdfvc = 0.43.
IF (respsex=2) rsdpf = 0.90.

DO IF (MISSING(lfok) | lfok = 0 | MISSING(htok) | htok >= 2) .
  COMPUTE predfev = -1 .
  COMPUTE predfvc = -1.
  COMPUTE predpf = -1 .
  COMPUTE rsdfcv = -1 .
  COMPUTE rsdfvc = -1.
  COMPUTE rsdpf = -1 .
END IF .

VARIABLE LABELS predfvc "Predicted FVC"
                /predfev "Predicted FEV1"
                /predpf "Predicted PF"
                / pre dfvc "Residual FVC"
                /predfev "Residual FEV1"
                /predpf "Residual PF".

VALUE LABEL predfev predfvc predpf rsdfcv rsdfvc rsdpf
-1 'not applicable'.

MISSING VALUES predfev predfvc predpf rsdfcv rsdfvc rsdpf
(-9 THRU -1) .

```

(S) FEVGRP, FVCGRP, PFGRP: Lung function levels

Variable labels:

FEVGRP FEV1 level
FVCGRP FVC level
PFGRP Peak flow level

Value labels:

1 '>= predicted'
2 'Within 1 SD of predicted'
3 'up to -1.64 of predicted'
4 'lower than -1.64 SD of predicted'
-1 'not applicable'

Notes:

Created in SPSS

Height1 is height in metres and is not saved on the data set. The intermediate variables DIFFEV, DIFFVC, DIFPF, SDFEV, SDFVC, SDPF are not saved on the data set.

See *Euro Resp J* Vol(6) Suppl 1993 p26 for references .

Specification:

```
COMPUTE diffev =0.
COMPUTE diffvc=0.
COMPUTE difpf =0.
COMPUTE diffev = maxfev - predfev.
COMPUTE diffvc = maxfvc - predfvc.
COMPUTE difpf = maxpf - predpf.
COMPUTE sdfev = diffev / rsdfev.
COMPUTE sdfvc = diffvc / rsdfvc.
COMPUTE sdpf = difpf/ (rsdpf*60).
RECODE sdfev (0 thru high =1)(-1 thru 0 =2)(-1.64 thru -1 =3)
  (lo thru -1.64 =4) into fevgrp.
RECODE sdfvc (0 thru high =1)(-1 thru 0 =2)(-1.64 thru -1 =3)
  (lo thru -1.64 =4) into fvcgrp.
RECODE sdpf (0 thru high =1)(-2 thru 0 =2)(-4 thru -2 =3)
  (lo thru -4 =4) into pfgrp.
DO IF (MISSING(lfok) | lfok = 0 | MISSING(htok) | htok >= 2) .
  COMPUTE fevgrp = -1 .
  COMPUTE fvcgrp = -1.
  COMPUTE pfgrp = -1 .
END IF .

VAR LABEL fevgrp 'FEV1 level'
  / fvcgrp 'FVC level'
  / pfgrp 'peak flow level'.
VALUE LABEL fevgrp fvcgrp pfgrp
  1 '>= predicted'
  2 'within -1SD of predicted'
  3 'upto -1.64 of predicted'
  4 'lower than -1.64SD
  predicted'
  -1 'not applicable'.
```

Diagnosis and Treatment

(Q) MURMUR1: Doctor-diagnosed hurt murmur (exc preg)

Value labels

- 9 No answer
- 1 Had murmur
- 2 Not had murmur

Notes:

Created in Quantum.

Only defined for cases who ever had a heart murmur. Excludes women who were only diagnosed as having heart murmur when they were pregnant.

Specification

	MURMUR1
No answer MURMUR.eq.-9.or.PREGMUR.eq.-9.or.NOPREGM.eq.-9	-9
<i>For sex=1</i> Had murmur MURMUR.eq.1	1
Not had murmur MURMUR.eq.2	2
<i>For sex=2</i> Had murmur - women were also asked if they were pregnant when they were told by a doctor that they had heart murmur (PREGMUR), and if they had heart murmur apart from when they were pregnant (NOPREGM) MURMUR.eq.1.and.(PREGMUR.eq.2.or.NOPREGM.eq.1)	1
Not had murmur MURMUR.eq.2.or.(MURMUR.eq.1.and.(PREGMUR.eq.1.and.NOPREGM.eq.2))	2

(Q) DIABETE2: Doctor-diagnosed diabetes (exc preg)

Value labels

- 9 No answer
- 1 Had diabetes
- 2 Not had diabetes

Notes:

Created in Quantum.

Only defined for cases who ever had diabetes. Excludes women who were only diagnosed as having diabetes when they were pregnant.

Specification

	DIABETE2
No answer DIABETES.eq.-9.or.DIPREG.eq.-9.or.DIOTH.eq.-9	-9
<i>For sex=1</i>	
Had diabetes DIABETES.eq.1	1
Not had diabetes DIABETES.eq.2	2
<i>For sex=2</i>	
Had diabetes - had diabetes, and not pregnant when told by doctor that they had diabetes or had diabetes apart from when they were pregnant DIABETES.eq.1.and.(DIPREG.eq.2.or.DIOTH.eq.1)	1
Not had diabetes - not had diabetes, or had diabetes only when they were pregnant DIABETES.eq.2.or.(DIABETES.eq.1.and.(DIPREG.eq.1.and.DIOTH.eq.2))	2

(Q) BP1: Whether high BP diagnosed by doctor/nurse (exc preg)

Value labels

- 1 Not applicable
- 9 No answer

- 1 Diagnosed BP
- 2 BP not diagnosed

Notes:

Created in Quantum.

Only defined for cases who ever had high blood pressure. Excludes women who were only diagnosed as having high blood pressure when they were pregnant.

Specification

	BP1
Not applicable - never high BP CVD1.eq.2	-1
No answer CVD1.eq.-9.or.PREGBP.eq.-9.or.OTHBP.eq.-9	-9

For sex=1

Diagnosed BP - ever had high blood pressure, and were told by a doctor or nurse that respondent had high blood pressure CVD1.eq.1.and.DOCBP.eq.1	1
BP not diagnosed CVD1.eq.1.and.DOCBP.eq.2	2

For sex=2

Diagnosed BP - had doctor/nurse-diagnosed high BP, and not pregnant when told that they had high BP or had high BP apart from when they were pregnant CVD1.eq.1.and.DOCBP.eq.1.and.(PREGBP.eq.2.or.OTHBP.eq.1)	1
BP not diagnosed - not had doctor/nurse-diagnosed high BP, or had high BP only when they were pregnant CVD1.eq.1.and.(DOCBP.eq.2.or.PREGBP.eq.1.or.OTHBP.eq.2)	2

(Q) CVDDEF: Had cardiovascular condition

Value labels

-9 No answer

1 Yes

2 No

Notes:

Created in Quantum.

Specification

	CVDDEF
No answer	-9
BP1.eq.-9.or.MURMUR1.eq.-9.or.DIABETE2.eq.-9	
Yes - were told by a doctor that respondent had angina, or a heart attack, or abnormal heart beat, or other heart trouble, or a stroke, or high blood pressure, or heart murmur, or diabetes	1
DOCTOLD2.eq.1.or. DOCTOLD3.eq.1.or.DOCTOLD5.eq.1.or. DOCTOLD6.eq.1.or. DOCTOLD7.eq.1.or.BP1.eq.1.or.MURMUR1.eq.1.or.DIABETE2.eq.1	
No	2
DOCTOLD2.ne.1.and.DOCTOLD3.ne.1.and.DOCTOLD5.ne.1.and.DOCTOLD6.ne.1.and. DOCTOLD7.ne.1.and.(BP1.eq.2.or.BP1.eq.-1).and.(MURMUR1.in.(2,-1). and.(DIABETE2.) in.(2,-1)	

(Q) CVD3A: CVD measure of severity (hierarchy)

Value labels

- 9 No answer
- 0 No CVD
- 1 Only BP or diabetes
- 2 Angina not heart attack/stroke
- 3 Heart attack or stroke

Notes:

Created in Quantum.

Specification

	CVD3A
No answer BP1.eq.-9.or.DIABETE2.eq.-9	-9
Heart attack or stroke DOCTOLD3.eq.1.or.DOCTOLD7.EQ.1	3
Angina not heart attack/stroke DOCTOLD2.eq.1	2
Only BP or diabetes BP1.eq.1.or.DIABETE2.eq.1	1
No CVD (DOCTOLD3.eq.2.or DOCTOLD3.EQ.-1).and.(DOCTOLD7.eq.2.or DOCTOLD7.EQ.-1) .and.(DOCTOLD2.eq.2.or DOCTOLD2.EQ.-1).and. (BP1.eq.2.or.BP1.eq.-1).and. (DIABETE2.eq.2.or.DIABETE2.eq.-1)	0

(Q) CVD7A: Ischaemic heart disease and stroke

Value labels

- 1 Heart attack or angina plus stroke
- 2 Heart attack or angina not stroke
- 3 Stroke not heart attack or angina
- 4 None of these

Notes:

Created in Quantum.

Specification

	CVD7A
Heart attack or angina plus stroke (DOCTOLD3.eq.1.or.DOCTOLD2.eq.1).and.DOCTOLD7.eq.1	1
Heart attack or angina not stroke (DOCTOLD3.eq.1.or.DOCTOLD2.eq.1).and.DOCTOLD7.ne.1	2
Stroke not heart attack or angina DOCTOLD7.eq.1.and.DOCTOLD3.ne.1.and.DOCTOLD2.ne.1	3
None of these DOCTOLD7.ne.1.and.DOCTOLD3.ne.1.and.DOCTOLD2.ne.1	4

Assumes not answered do not have disease.

(Q) CVD8A: CVD measure of severity (stroke separate)

Value labels

- 9 No answer
- 1 Heart attack & stroke
- 2 Heart attack
- 3 Stroke
- 4 Angina, not heart attack/stroke
- 5 BP or Diabetes, not ischaemic
- 6 None of these

Notes:

Created in Quantum.

Specification

	CVD8A
Heart attack & stroke DOCTOLD3.eq.1.and.DOCTOLD7.eq.1	1
Heart attack DOCTOLD3.eq.1	2
Stroke DOCTOLD7.eq.1	3
Angina, not heart attack/stroke DOCTOLD2.eq.1	4
BP or Diabetes, not ischaemic BP1.eq.1.or.DIABETE2.eq.1	5
None of these DOCTOLD3.ne.1.and.DOCTOLD7.ne.1.DOCTOLD2.ne.1.and. (BP1.eq.2.or.BP1.eq.-1).and.(DIABETE2.eq.2.or.DIABETE2.eq.-1)	6
No answer BP1.eq.-9.or.DIABETE2.eq.-9	-9

(Q) CURRBP: Currently has high BP

Value labels

- 8 Dont' know
- 9 No answer

- 1 Had angina
- 2 Not had angina

Notes:

Created in Quantum.

Specification

	CURRBP
Don't know BP1.eq.1.and.(MEDBP.eq.-8.or.BPSTILL.eq.-8)	-8
No answer BP1.eq.-9.or.MEDBP.eq.-9.or.BPSTILL.eq.-9	-9
Yes - had high BP diagnosed by a doctor or nurse, and currently taking medicine for high BP, and still has high BP BP1.eq.1.and.(MEDBP.eq.1.or.BPSTILL.eq.1)	1
No (BP1.eq.1.and.MEDBP.eq.2.and.BPSTILL.eq.2).or.BP1.in.(2,-1)	2

(Q) *ANGIDEF: Doctor diagnosed angina*

Value labels

- 9 No answer
- 1 Had angina
- 2 Not had angina

Notes:

Created in Quantum.

Specification

	ANGIDEF
No answer DOCTOLD2.eq.-9	-9
Had angina DOCTOLD2.eq.1	1
Not had angina DOCTOLD2.in.(2,-1)	2

(Q) HEARTDEF: Doctor diagnosed heart attack

Value labels

- 9 No answer
- 1 Had heart attack
- 2 Not had heart attack

Notes:

Created in Quantum.

Specification

	HEARTDEF
No answer DOCTOLD3.eq.-9	-9
Had heart attack DOCTOLD3.eq.1	1
Not had heart attack DOCTOLD3.in.(2,-1)	2

(Q) STRODEF: Doctor diagnosed stroke

Value labels

- 9 No answer
- 1 Had stroke
- 2 Not had stroke

Notes:

Created in Quantum.

Specification

	STRODEF
No answer DOCTOLD7.eq.-9	-9
Had stroke DOCTOLD7.eq.1	1
Not had stroke DOCTOLD7.in.(2,-1)	2

(Q) IREGDEF: Doctor diagnosed irregular heart rhythm

Value labels

- 9 No answer
- 1 Had irregular heart rhythm
- 2 Not had irregular heart rhythm

Notes:

Created in Quantum.

Specification

	IREGDEF
No answer DOCTOLD5.eq.-9	-9
Had irregular heart rhythm DOCTOLD5.eq.1	1
Not had irregular heart rhythm DOCTOLD5.in.(-1,2)	2

(Q) OHTDEF: Doctor diagnosed other heart trouble

Value labels

- 9 No answer
- 1 Had other heart trouble
- 2 Not had other heart trouble

Notes:

Created in Quantum.

Specification

	OHTDEF
No answer DOCTOLD6.eq.-9	-9
Had other heart trouble DOCTOLD6.eq.1	1
Not had other heart trouble DOCTOLD6.in.(2,-1)	2

(Q) MURDEF: Doctor-diagnosed heart murmur (exc pregnant)

Value labels

- 9 No answer
- 1 Had heart murmur
- 2 Not had heart murmur

Notes:

Created in Quantum.

Excludes women who were only diagnosed while pregnant. Defined for all cases.

Specification

	MURDEF
No answer MURMUR.eq.-9.or.PREGMUR.eq.-9.or.NOPREGM.eq.-9	-9
<i>For sex=1</i> Had heart murmur MURMUR.eq.1	1
Not had heart murmur MURMUR.in.(2,-1)	2
<i>For sex=2</i> Had heart murmur - had doctor-diagnosed heart murmur, and not pregnant when told by doctor that they had heart murmur or had heart murmur apart from when they were pregnant MURMUR.eq.1.and.(PREGMUR.eq.2.or.NOPREGM.eq.1)	1
Not had heart murmur - not had heart murmur, or had heart murmur only when they were pregnant MURMUR.eq.-1.or. MURMUR.eq.2.or. (MURMUR.eq.1.and.(PREGMUR.eq.1.and.NOPREGM.eq.2))	2

(Q) BPDEF: Doctor diagnosed high BP (exc preg)

Value labels

- 9 No answer
- 1 Had high BP
- 2 Not had high BP

Notes:

Created in Quantum.

Specification

	BPDEF
Excludes women who were only diagnosed while pregnant. Defined for all cases.	
No answer DOCBP.eq.-9.or.PREGBP.eq.-9.or.OTHBP.eq.-9	-9
<i>For sex=1</i>	
Had high BP DOCBP.eq.1	1
Not had high BP DOCBP.eq.2.or.DOCBP.eq.-1	2
<i>For sex=2</i>	
Had high BP - had doctor-diagnosed high BP, and not pregnant when told by doctor that they had high BP or had high BP apart from when they were pregnant DOCBP.eq.1.and.(PREGBP.eq.2.or.OTHBP.eq.1)	1
Not had high BP - not had high BP, or had high BP only when they were pregnant DOCBP.eq.-1.or. DOCBP.eq.2.or.(DOCBP.eq.1.and.(PREGBP.eq.1.and.OTHBP.eq.2))	2

(Q) DIABDEF: Doctor diagnosed diabetes (exc preg)

Value labels

- 9 No answer
- 1 Had diabetes
- 2 Not had diabetes

Notes:

Created in Quantum.

Excludes women who were only diagnosed while pregnant. Defined for all cases.

Specification

	DIABDEF
No answer DIABETES.eq.-9.or.DIPREG.eq.-9.or.DIOTH.eq.-9	-9
<i>For sex=1</i>	
Had diabetes DIABETES.eq.1	1
Not had diabetes DIABETES.in.(2,-1)	2
<i>For sex=2</i>	
Had diabetes - had diabetes, and not pregnant when told by doctor that they had diabetes or had diabetes apart from when they were pregnant DIABETES.eq.1.and.(DIPREG.eq.2.or. DIOTH.eq.1)	1
Not had diabetes - not had diabetes, or had diabetes only when they were pregnant DIABETES.eq.-1.or. DIABETES.eq.2.or.(DIABETES.eq.1.and.(DIPREG.eq.1.and. DIOTH.eq.2))	2

(Q) IHDIS: IHD (angina or heart attack)

Value labels

-9 No answer

1 Yes

2 No

Notes:

Created in Quantum.

Specification

	IHDIS
No answer ANGIDEF.eq.-9.or.HEARTDEF.eq.-9	-9
No ANGIDEF.eq.2.and.HEARTDEF.eq.2	2
Yes ANGIDEF.eq.1.or.HEARTDEF.eq.1	1

(Q) CVDIS: IHD (angina or heart attack) or stroke

Value labels

-9 No answer

1 Yes

2 No

Notes:

Created in Quantum.

Specification

	CVDIS
No answer ANGIDEF.eq.-9.or.HEARTDEF.eq.-9.or.STRODEF.eq.-9	-9
No ANGIDEF.eq.2.and.HEARTDEF.eq.2.and.STRODEF.eq.2	2
Yes ANGIDEF.eq.1.or.HEARTDEF.eq.1.or.STRODEF.eq.1	1

(Q) ANGI12: Angina in past 12 months

Value labels

-9 No answer

1 Yes

2 No

Notes:

Created in Quantum.

Specification

	ANGI12
No answer PASTYR2.eq.-9	-9
No PASTYR2.in.(2,-1)	2
Yes PASTYR2.eq.1	1

(Q) HEART12: Heart attack in past 12 months

Value labels

-9 No answer

1 Yes

2 No

Notes:

Created in Quantum.

Specification

	HEART12
No answer PASTYR3.eq.-9	-9
No PASTYR3.in.(2,-1)	2
Yes PASTYR3.eq.1	1

(Q) STRO12:Stroke in the past 12 months

Value labels

-9 No answer

1 Yes

2 No

Notes:

Created in Quantum.

Specification

	STRO12
No answer PASTYR7.eq.-9	-9
No PASTYR7. in.(2,-1)	2
Yes PASTYR7.eq.1	1

(Q) IREG12: Irregular heart beat in past 12 months

Value labels

-9 No answer

1 Yes

2 No

Notes:

Created in Quantum.

Specification

	IREG12
No answer PASTYR5.eq.-9	-9
No PASTYR5. in.(2,-1)	2
Yes PASTYR5.eq.1	1

(Q) OHT12: Other heart trouble in past 12 months

Value labels

-9 No answer

1 Yes

2 No

Notes:

Created in Quantum.

Specification

	OHT12
No answer PASTYR6.eq.-9	-9
No PASTYR6. in.(2,-1)	2
Yes PASTYR6.eq.1	1

(Q) MUR12: Murmur in past 12 months

Value labels

-9 No answer

1 Yes

2 No

Notes:

Created in Quantum.

Specification

	MUR12
No answer MURYR.in.(-8,-9).or.MURDEF.eq.-9	-9
No MURYR.eq.2.or.MURDEF.eq.2	2
Yes - had a heart murmur in the past 12 months and had a doctor-diagnosed heart murmur MURYR.eq.1.and.MURDEF.eq.1	

(Q) IHD12: Ischaemic heart disease in past 12 months

Value labels

-9 No answer

1 Yes

2 No

Notes:

Created in Quantum.

Specification

	IHD12
No answer IHDIS.eq.-9.or.ANGI12.eq.-9.or.HEART12.eq.-9	-9
No - did not have angina nor heart attack in the past 12 months IHDIS.eq.2.or.(ANGI12.eq.2.and.HEART12.eq.2)	2
Yes ANGI12.eq.1.or.HEART12.eq.1	1

(Q) CVD12: CVD in past 12 months

Value labels

-9 No answer
1 Yes
2 No

Notes:

Created in Quantum.

Specification

	CVD12
No answer CVDIS.eq.-9.or.ANGI12.eq.-9.or.HEART12.eq.-9.or.STRO12.eq.-9	-9
No - did not have angina, heart attack or stroke in the past 12 months CVDIS.eq.2.or.(ANGI12.eq.2.and.HEART12.eq.2.and.STRO12.eq.2)	2
Yes - had angina, or heart attack, or stroke in the past 12 months ANGI12.eq.1.or.HEART12.eq.1.or.STRO12.eq.1	1

(Q) EVEROTH: Ever had other CVD conditions

Value labels

- 1 Has had other CVD conditions
- 2 Never had other CVD conditions

Notes:

Created in Quantum.

Specification

	EVEROTH
Yes - ever had heart murmur, or irregular heart rhythm, or other heart trouble CVD4.eq.1.or.CVD5.eq.1.or.CVD6.EQ.1	1
No Otherwise	2

(S) CLAUDI: Intermittent claudication

Value Labels:

1 'Yes'
2 'No'
3 'Incomplete answer'
-1 'Not applicable-cannot walk'

Notes:

Created in SPSS.

Specification:

```
MISS VAL legpain TO wherep3 (.).
DO IF (legpain=1 & stansit=2 & walkup=1 & still=2 &
      (ANY(wherep1,1,2) | ANY(wherep2,1,2) |
      ANY(wherep3,1,2))).
COMPUTE claudi=1.
ELSE IF (legpain=2 | stansit=1 | walkup=2 | still=1 |
      wherep1=3 | wherep2=3 | wherep3=3).
COMPUTE claudi=2.
ELSE IF (stansit=-8 | walkup=-8 | walkup=3 | still=-8 |
      wherep1=-8).
COMPUTE claudi=3.
ELSE.
COMPUTE claudi=-1.
END IF.
EXECUTE.

VAR LAB claudi 'Intermittent claudication'.
VAL LAB claudi 1 'Yes'
              2 'No'
              3 'Incomplete answer'
             -1 'Not applicable-cannot walk'.

MISS VAL claudi (-1).
MISS VAL legpain TO wherep3 (-9 thru -1) .
```

(S) CLAUTYPE: Type of intermittent claudication

Value Labels:

1 'Definite claudication'
2 'Atypical claudication'
-1 'Not applicable'

Notes:

Created in SPSS

Specification:

```
DO IF (claudi=1).
  DO IF (wherep1=1 | wherep2=1 | wherep3=1).
    COMPUTE clautype=1.
  ELSE IF ((wherep1=2 | wherep2=2 | wherep3=2) &
    (wherep1 ne 1) & (wherep2 ne 1) & (wherep3 ne 1)).
    COMPUTE clautype=2.
  END IF.
ELSE.
  COMPUTE clautype=-1.
END IF.

VAR LAB clautype 'Type of intermittent claudication'.
VAL LAB clautype 1 'Definite claudication'
                2 'Atypical claudication'
                -1 'Not applicable'.
MISS VAL clautype (-1).
```

(S) CLAUGRAD: Claudication grade

Value Labels:

1 'Grade 1'
2 'Grade 2'
3 'Never walks at ordinary pace on the level'
-1 'not applicable'

Notes:

Created in SPSS

Specification:

```
COMPUTE claugrad = -1 .  
DO IF claudi=1.  
IF (levelord=2) claugrad=1.  
IF (levelord=1) claugrad=2.  
IF (levelord=3) claugrad=3.  
END IF.  
  
VAR LAB claugrad 'claudication grade'.  
VAL LAB claugrad 1 'Grade 1'  
                2 'Grade 2'  
                3 'Never walks at ordinary pace on the level'  
                -1 'not applicable' .  
  
MISSING VALUES claugrad (-1).
```

(S) INTCLAUD: Intermittent claudication (with grade)

Value Labels:

1 'Grade 1'
2 'Grade 2'
3 'No'
-1 'not applicable'
-8 'incomplete answer'

Notes:

Created in SPSS

Specification:

```
COMPUTE intclaud=-1.  
IF (claugrad = 1) intclaud = 1 .  
IF (claugrad = 2) intclaud = 2 .  
IF (claudi=2) intclaud=3.  
IF (claudi=3) intclaud=-8.  
  
VARIABLE LABEL intclaud 'Intermittent claudication (with  
grade)' .  
  
VAL LABELS intclaud  
1 'Grade 1'  
2 'Grade 2'  
3 'No'  
-1 'not applicable'  
-8 'incomplete answer'.  
  
MISSING VALUES intclaud (-1 -8).
```

Use of Services

(Q) DOCTALK1 Consultation with GP in last 14 Days

Variable name: DOCTALK1

Variable label: Consultation with GP in last 14 Days

Value labels:

1 Yes
2 No
-9 Not answered

Notes:

Created in Quantum

Combines GP consultation variables DOCTALKN and DOCTALK

Specification:

	DOCTALK1
Those with heart conditions CVD1-8.eq.1 (those with code 1 at any of CVD1 thru 8)	Value DOCTALK
Those without heart conditions CVD1-8.eq.2 (those with no heart condition mentioned at any of CVD1 thru 8)	Value DOCTALKN

(S) DOC2: Talked to doctor in last 2 weeks (all)

Value Labels:

1 'yes'
2 'no'
-9 'not answered'

Notes:

Created in SPSS

Specification:

```
MISSING VALUES doctalk ().
```

```
COMPUTE doctalk = 2 .
```

```
IF (doctalk = 1 OR doctalkn = 1) doc2=1 .
```

```
IF (doctalk = -9) doc2 = -9.
```

```
variable labels doc2 'talked to doctor in last 2 weeks (all)'.  
value labels doc2 1'yes' 2'No' -9'not answered' .
```

```
MISSING VALUES doc2 (-9).
```

(S) DOCCVD: Talked to doctor about CVD condition in last fortnight

Value Labels:

0 'yes'
1 'Consultation not about CVD or no CVD'
2 'No consultation'
-9 'Not answered'

Notes:

Created in SPSS

Specification:

MISSING VALUES doc2 ().

comp doccvd=doc2.

if any(consul1,2,3,4,5,6,7,8,9) or any(consul2,2,3,4,5,6,7,8,9)
or any(consul3,2,3,4,5,6,7,8,9) doccvd=0.

EXECUTE.

VARIABLE LABELS doccvd 'talked to doctor about cvd condition
in last fortnight'.

VALUE LABELS doccvd

0 'yes'
1 'Consultation not about CVD or no CVD'
2 'No consultation'
-9 'Not answered' .

MISSING VALUES doc2 doccvd (-9) .

(S) DOCN: Number of GP consultations in last two weeks

Value Labels:

0 'none'
1 'One'
2 'Two or more'
-9 'not answered'

Notes:

Created in SPSS

Specification:

```
MISSING VALUES doc2 ( ).
```

```
COMPUTE docn = 0 .  
IF (docnum = 1 OR docnumn=1) docn=1.  
IF (docnum >=2 OR docnumn >=2) docn=2.  
IF (doc2 = -9)docn=-9.  
IF (docnum = 0 OR docnumn = 0) docn =-9.  
EXECUTE .
```

Variable labels docn 'number of GP consultations in last two weeks'.

value labels docn 0 'none' 1'One' 2'Two+' -9 'not answered'.

```
MISSING VALUES docn (-9).
```

(S) BP2: Last time blood pressure measured

Value Labels:

- 1 'In last 12 months'
- 2 '1 to less than 3 years ago'
- 3 '3 years or more / don't know when'
- 4 'Never'
- 8 'don't know if BP ever measured'

Notes:

Created in SPSS

Specification:

```
recode lastbp (1=1) (2=2) (3,4,-8=3) into bp2.  
if bpmeas=2 bp2=4.  
IF missing(bpmeas) bp2 =-8.
```

Variable labels bp2 'Last time blood pressure measured -
grouped'.

value labels bp2 1'In last 12 months' 2'1-<3 years' 3'3 years
+ / DK when' 4'Never' -8 'dont know if BP ever measured'.

MISSING VALUES bp2 (-8) .

(S) CH1: Last time cholesterol measured

Value Labels:

- 1 'In last 12 months'
- 2 '1 to less than 3 years ago'
- 3 '3 years or more / DK when'
- 4 'Never'
- 8 'don't know if cholesterol ever measured'

Notes:

Created in SPSS

Specification:

```
recode lastch (1=1) (2=2) (3,4,-8=3) into ch1.
```

```
if chmeas=2 ch1=4.
```

```
IF missing(chmeas) ch1 = -8 .
```

```
variable label ch1 'Last time cholesterol measured' .
```

```
value labels ch1 1'In last 12 months' 2'1-<3 years' 3'3 years  
+/DK'
```

```
4'Never' -8 'dont know if cholesterol ever measured'.
```

```
MISSING VALUES ch1 (-8) .
```

(S) OUTP: Hospital out/day-patient/casualty in last 12 months

Value Labels:

1 'Yes'
2 'No'
-9 'not answered'

Notes:

Created in SPSS

Specification:

```
COMPUTE outp=-9.  
IF (outpat=1)outp=1.  
IF (outpatn=1)outp=1.  
IF (outpat=2)outp=2.  
IF (outpatn=2)outp=2.
```

```
VARIABLE LABELS outp 'Hospital out/day-patient/casualty in last 12  
months'.
```

```
VALUE LABELS outp 1 'yes' 2'no' -9 'not answered'.
```

```
MISSING VALUES outp (-9).
```

(S) INP: Hospital inpatient in last 12 months

Value Labels:

1 'Yes'
2 'No'
-9 'not answered'

Notes:

Created in SPSS

Specification:

```
COMPUTE inp=-9.  
IF (inpat=1)inp=1.  
IF (inpatn=1)inp=1.  
IF (inpat=2)inp=2.  
IF (inpatn=2)inp=2.
```

```
VARIABLE LABELS inp 'Hospital inpatient in last 12 months'.
```

```
VALUE LABELS inp 1 'yes' 2'no' -9 'not answered'.
```

```
MISSING VALUES inp (-9).
```

Physical Activity

(Q) HSEWRKN - Housework intensity level

Variable name: HSEWRKN
Variable label: Housework intensity

Value labels:

-9	No answer
2	Moderate activity
0	Inactive

Notes:

Created in Quantum

Specification

	HSEWRKN
Not answered ACTIVB.le.-8	-9
Moderate activity (heavy housework in average week) ACTIVB.eq.1	2
Inactive (no heavy housework in average week) ACTIVB.eq.2	0

(Q) HSEMIN: Housework intensity of 30+ minutes' duration

Variable name: HSEMIN
Variable label: Housework intensity of 30+ minutes' duration

Value labels:
-9 No answer
2 Moderate activity of 30+ minutes per occasion
0 Inactive

Notes:
Created in Quantum

Specification

	HSEMIN
Not answered ACTIVB.le.-8.or.HWTIM.le.-8	-9
Moderate activity ACTIVB.eq.1.and.HWTIM.in.(4,5)	2
Inactive Neither of the above	0

(Q) HSEFRQ: Housework frequency

Variable name: HSEFRQ
Variable label: Housework frequency

Value labels:

-9	No answer
6	6-7 times a week
4.5	4-5 times a week
2.5	2-3 times a week
1	Once a week
0.5	Less than once a week
0	Never

Notes:
Created in Quantum.

	HSEFRQ
Not answered ACTIVB.le.-8.or.HWNUM.le.-8	-9
6-7 times a week HWNUM.eq.5	6
4-5 times a week HWNUM.eq.4	4.5
2-3 times a week HWNUM.eq.3	2.5
Once a week HWNUM.eq.2	1
Less than once a week HWNUM.eq.1	0.5
Never ACTIVB.eq.2	0

(Q) GDNSUMN: Spring/summer gardening/DIY intensity

Variable name: GDNSUMN
Variable label: Spring/summer gardening/DIY intensity

Value labels:

-9	No answer
2	Moderate activity
0	Inactive

Notes:
Created in Quantum.

Specification

	GDNSUMN
Not answered ACTIVC.le.-8	-9
Moderate activity (heavy gardening/DIY in average week in spring/summer) ACTIVC.eq.1	2
Inactive (no heavy gardening/DIY in average week in spring/summer) ACTIVC.eq.2	0

(Q) GAR1MIN: Spring/summer gardening/DIY intensity of 30+ minutes' duration

Variable name: GAR1MIN
Variable label: Spring/summer gardening/DIY intensity of 30+ minutes' duration

Value labels:

-9	No answer
2	Moderate activity of 30+ minutes per occasion
0	Inactive

Notes:

Created in Quantum.

Priority code

Specification

Not answered ACTIVC.le.-8.or.GAR1TIM.le.-8	HSEMIN -9
Moderate activity ACTIVC.eq.1.and.GAR1TIM.in.(4,5)	2
Inactive Neither of the above	0

(Q) GAR1FRQ: Spring/summer gardening/DIY frequency

Variable name: GAR1FRQ
Variable label: Spring/summer gardening/DIY frequency

Value labels:

-9	No answer
6	6-7 times a week
4.5	4-5 times a week
2.5	2-3 times a week
1	Once a week
0.5	Less than once a week
0	Never

Notes:
Created in Quantum.

Specification

	GAR1FRQ
Not answered ACTIVC.le.-8.or.GAR1NUM.le.-8	-9
6-7 times a week GAR1NUM.eq.5	6
4-5 times a week GAR1NUM.eq.4	4.5
2-3 times a week GAR1NUM.eq.3	2.5
Once a week GAR1NUM.eq.2	1
Less than once a week GAR1NUM.eq.1	0.5
Never ACTIVC.eq.2	0

(Q) GDNWNTN: Autumn/winter gardening/DIY intensity

Variable name: GDNWNTN
Variable label: Autumn/winter gardening/DIY intensity

Value labels:

-9	No answer
2	Moderate activity
0	Inactive

Notes:

Created in Quantum.

Specification

	GDNWNTN
Not answered ACTIVD.le.-8	-9
Moderate activity (heavy gardening/DIY in average week in autumn/winter) ACTIVD.eq.1	2
Inactive (no heavy gardening/DIY in average week in autumn/winter) ACTIVD.eq.2	0

(Q) GAR2MIN: Autumn/winter gardening/DIY intensity of 30+ minutes' duration

Variable name: GAR2MIN
Variable label: Autumn/winter gardening/DIY intensity of 30+ minutes' duration

Value labels:

-9	No answer
2	Moderate activity of 30+ minutes per occasion
0	Inactive

Notes:
Created in Quantum.

Specification

Not answered ACTIVD.le.-8.or.GAR2TIM.le.-8	HSEMIN -9
Moderate activity ACTIVD.eq.1.and.GAR2TIM.in.(4,5)	2
Inactive ACTIVD.in.(1,2)	0

(Q) GAR2FRQ: Autumn/winter gardening/DIY frequency

Variable name: GAR2FRQ
Variable label: Autumn/winter gardening/DIY frequency

Value labels:

-9	No answer
6	6-7 times a week
4.5	4-5 times a week
2.5	2-3 times a week
1	Once a week
0.5	Less than once a week
0	Never

Notes:
Created in Quantum.

Specification

	GAR2FRQ
Not answered ACTIVD.le.-8.or.GAR2NUM.le.-8	-9
6-7 times a week GAR2NUM.eq.5	6
4-5 times a week GAR2NUM.eq.4	4.5
2-3 times a week GAR2NUM.eq.3	2.5
Once a week GAR2NUM.eq.2	1
Less than once a week GAR2NUM.eq.1	0.5
Never ACTIVD.eq.2	0

(Q) HOMEACLN: Home activity intensity

Variable name: HOMEACLN
Variable label: Home activity intensity

Value labels:

-9	No answer
2	Moderate activity
1	Light activity
0	Inactive

Notes:

Created in Quantum.

Priority code.

Derived from housework and gardening/DIY (summer and winter) derived variables.

Specification

	HOMEACLN
Not answered HSEWRKN.eq.-9.or.GDNSUMN.eq.-9.or.GDNWNTN.eq.-9	-9
Moderate activity HSEWRKN.eq.2.or.(GDNSUMN.eq.2.and.GDNWNTN.eq.2)	2
Light activity GDNSUMN.eq.2.or.GDNWNTN.eq.2	1
Inactive HSEWRKN.eq.0.and.GDNSUMN.eq.0.and.GDNWNTN.eq.0	0

Definition of codes:

2 = heavy housework in average week, or heavy gardening/DIY in average week both in spring/summer and in autumn/winter

1 = heavy gardening/DIY in spring/summer or autumn/winter, but not both

0 = no heavy housework, gardening or DIY in average week

(Q) *HOMEMIN: Home activity intensity of 30+ minutes*

Variable name: HOMEMIN
Variable label: Home activity intensity of 30+ minutes

Value labels:

-9	No answer
2	Moderate activity of 30+ minutes per occasion
1	Light activity of 30+ minutes per occasion
0	Inactive

Notes:
Created in Quantum.

Specification

	HOMEMIN
Not answered HSEMIN.eq.-9.or.GAR1MIN.eq.-9.or.GAR2MIN.eq.-9	-9
Moderate activity HSEMIN.eq.2.or.(GAR1MIN.eq.2.and.GAR2MIN.eq.2)	2
Light activity GAR1MIN.eq.2.or.GAR2MIN.eq.2	1
Inactive HSEMIN.eq.0.and.GAR1MIN.eq.0.and.GAR2MIN.eq.0	0

(Q) HOMEFQLN: Home activity frequency

Variable name: HOMEFQLN
Variable label: Home activity frequency

Value labels:

-9	No answer
5	6+ times a week
4	4-5 times a week
3	2-3 times a week
2	Once a week
1	Less than once a week/not at all

Notes:

Created in Quantum.

Priority code

Specification

	HOMEFQLN
Not answered HSEFRQ.eq.-9.or.GAR1FRQ.eq.-9.or.GAR2FRQ.eq.-9	-9
6+ times a week HSEFRQ+((GAR1FRQ+GAR2FRQ)/2).ge.6	5
4-5 times a week HSEFRQ+((GAR1FRQ+GAR2FRQ)/2).ge.4	4
2-3 times a week HSEFRQ+((GAR1FRQ+GAR2FRQ)/2).ge.2	3
Once a week HSEFRQ+((GAR1FRQ+GAR2FRQ)/2).ge.1	2
Less than once a week/not at all HSEFRQ+((GAR1FRQ+GAR2FRQ)/2).lt.1	1

(Q) NUMOCCHM: Number of occasions of moderate home activity per week

Variable name: NUMOCCHM
Variable label: Number of occasions of moderate home activity per week

Value labels:

-1 Not applicable
-9 Not answered

Notes:

Created in Quantum.

Specification

	NUMOCCHM
HSEWRKN.eq.-9.or.GDNSUMN.eq.-9.or.GDNWNTN.eq.-9.or. HSEFRQ.eq.-9.or.GAR1FRQ.eq.-9.or.GAR2FRQ.eq.-9	-9
Initially set NUMOCCHM	00
HSEWRKN.eq.2	NUMOCCHM+HSEFRQ
GDNSUMN.eq.2.and.GDNWNTN.eq.2	NUMOCCHM+((GAR1FRQ+GAR2FRQ)/2)
GDNSUMN.eq.2.and.GDNWNTN.ne.2	NUMOCCHM+(GAR1FRQ/2)
GDNSUMN.ne.2.and.GDNWNTN.eq.2	NUMOCCHM+(GAR2FRQ/2)

(Q) NUM30HM: Number of occasions of moderate home activity 30+ mins per week

Variable name: NUM30HM
Variable label: Number of occasions of moderate home activity 30+ mins per week

Value labels:

-1 Not applicable
-9 Not answered

Notes:

Created in Quantum.

Specification

	NUM30HM
HSEMIN.eq.-9.or.GAR1MIN.eq.-9.or. GAR2MIN.eq.-9.or.HSEFRQ.eq.-9.or. GAR1FRQ.eq.-9.or.GAR2FRQ.eq.-9	-9
Initially set NUM30HM	00
HSEMIN.eq.2	NUM30HM+HSEFRQ
GAR1MIN.eq.2.and.GAR2MIN.eq.2	NUM30HM+((GAR1FRQ+GAR2FRQ)/2)
GAR1MIN.eq.2.and.GAR2MIN.ne.2	NUM30HM+(GAR1FRQ/2)
GAR1MIN.ne.2.and.GAR2MIN.eq.2	NUM30HM+(GAR2FRQ/2)

(Q) SPRTACLN: Sport intensity

Variable name: SPRTACLN
 Variable label: Sport intensity

Notes:
 Created in Quantum.

First, code type of other activity as ACTO. If ActivA contains any codes 15-95, these activities should be categorised as follows (and if ActivA contains 2 or more codes between 15-95, code the first mentioned at ACTO):

Specification

	ACTO
Vigorous 18,26,52,55,72,84,88,90,94,95	3
Moderate 17,20,21,23,24,28,29,30,37,39,40,42,44,45,46,47,48,49, 53,54,57,58,59,62,66,71,73,78,82,85,87,89,93	2
Light 15,16,19,22,25,27,31,32,33,34,35,36,38,41,50,51,56,60, 61,63,64,65,67,68,69,70,74,75,76,77,79,80,81,83,86, 91,92	1
Unknown 96	-9

Then, code SPRTACLN, which is priority coded.

Value labels:

-9	No answer
3	Vigorous activity
2	Moderate activity
1	Light activity
0	Inactive

	SPRTACLN
Initially set SPRTACLN	0
Vigorous (ACTIVA.eq.01.and.CYCGASP.in.(2,3)).or.(ACTIVA.eq.03.and. AERGASP.in.(2,3)).or.(ACTIVA.eq.05.and.WGTGASP.in.(2,3)).or. (ACTIVA.eq.06.and.SWIGASP.in.(2,3)).or.(ACTIVA.eq.07).or. (ACTIVA.eq.08.and.FOOGASP.in.(2,3)).or.(ACTIVA.eq.09.and. BADGASP.in.(2,3)).or.(ACTIVA.eq.10).or.(ACTO.eq.3.and.OTHGASP1.in.(2,3))	3
Not answered ACTIVA01.le.-8.or.ACTO.eq.-9.	-9

SPRTACLN	
Moderate	2
ACTIVA.eq.01.or.(ACTIVA.eq.02.and.EXGASP.in.(2,3)).or. ACTIVA.eq.03.or.(ACTIVA.eq.04.and.DANGASP.in.(2,3)).or. ACTIVA.eq.05.or.ACTIVA.eq.06.or.ACTIVA.eq.08.or.ACTIVA. eq.09.or.(ACTIVA.eq.11.and.GOLGASP.in.(2,3)).or.(ACTIVA. eq.12.and.WALGASP.in.(2,3)).or.ACT0.in.(2,3)	
Light	1
ACTIVA.eq.02.or.ACTIVA.eq.04.or.ACTIVA.eq.11.or. ACTIVA.eq.12.or.ACT0.eq.1	
Inactive	0
ACTIVA.eq.14	

Note: If ACTO = 96, code SPRTACLN as 'not answered' unless SPRTACLN = vigorous due to other sport activity.

Coding of other sports: Variable ACTO

Sport	Code	Level
Abseiling	15	1
Adventure playground	16	1
Aquarobics	17	2
American football	18	3
Archery	19	1
Assault course	20	2
Back packing	21	2
Baseball	22	1
Basketball	23	2
Battle re-enactment	24	2
Bowls - indoor, outdoor, crown, green	25	1
Boxing	26	3
Canal cruising (if not responsible for working locks)	27	1
Canoeing	28	2
Circuit training	29	2
Climbing	30	2
Cricket	31	1
Croquet	32	1
Curling	33	1
Darts	34	1
Diving	35	1
Dog training	36	1
Drums (in a group)	37	2
Fell walking	38	1
Fencing	39	2
Field athletics	40	2
Fishing	41	1
Fives	42	2
Hang gliding	44	2
Hiking	45	2
Hitting punch sack	46	2
Hockey	47	2
Horse riding	48	2
Ice skating	49	2
Juggling	50	1
Kabadi	51	1
Kick boxing	52	3
Lacrosse	53	2
Marathon running	54	2
Martial arts	55	3
Motor sports	56	1
Netball	57	2
Orienteering	58	2
Polo	59	2
Post natal exercise	60	1
Power boat	61	1
Racketball	62	2
Rambling	63	1
Roller skating	64	1
Rounders	65	1

Rowing (incl machine)	66	2
Sailing (incl dingy)	67	1
Scuba/subaqua diving	68	1
Shooting	69	1
Skateboarding	70	1
Skiing/dry slope skiing	71	2
Skipping	72	3
Skirmishing (war games)	73	2
Skittles	74	1
Snooker	75	1
Snorkelling	76	1
Sumo wrestling	77	1
Surfing	78	2
Swing ball	79	1
Table tennis	80	1
Tenpin bowling	81	1
Territorial army	82	2
Toning table	83	1
Trampolining	84	3
Volleyball	85	2
Walking on a jogging machine/treadmill	86	1
Water skiing	87	2
Weight lifting (anaerobic)	88	3
Wind surfing	89	2
Wrestling	90	3
Yoga	91	1
Other light exercise (incl mini-trampoline, harness racing)	92	1
Other moderate exercise (incl tug of war)	93	2
Other vigorous exercise (incl water polo, body building)	94	3
Other anaerobic exercise	95	3
Other - don't know energy level	98	-9

Level gives the energy level coded for each sport in variable ACTO.

1=Light

2=Moderate

3=Vigorous

(Q) SPRTFQLN: Sport frequency

Variable name: SPRTFQLN
Variable label: Sport frequency

Notes:
Created in Quantum.
Priority code

Specification

First, convert all sporting '-NUM' questions to '-FRQ' questions in the same way as for 'HSEFRQ', ie code 5 = 6, code 4 = 4.5, code 3 = 2.5, code 2 = 1, code 1 = 0.5, others = 0. The affected questions are: CYCNUM, EXNUM, AERNUM, DANNUM, WGTNUM SWINUM, RUNNUM, FOONUM, BADNUM, SQANUM, GOLNUM, WALNUM, OTHNUM1. Thus, new variables CYCFRQ, EXFRQ, AERFRQ, DANFRQ, WGTFRQ, SWIFRQ, RUNFRQ, FOOFRQ, BADFRQ, SQAFRQ, GOLFRQ, WALFRQ, OTHFRQ1 will be created.

Then code SPRTFQLN as follows:

Value labels:

- 9 No answer
- 5 6+ times a week
- 4 4-5 times a week
- 3 2-3 times a week
- 2 Once a week
- 1 Less than once a week or not at all

Not answered	SPRTFQLN
ACTIVA.in.(-8,-9).or.CYCFRQ.eq.-9.or.EXFRQ.eq.-9.or.AERFRQ. eq.-9.or.DANFRQ.eq.-9.or.WGTFRQ.eq.-9.or.SWIFRQ.eq.-9.or. RUNFRQ.eq.-9.or.FOOFRQ.eq.-9.or. BADFRQ.eq.-9.or.SQAFRQ.eq.-9. or.GOLFRQ.eq.-9.or. WALFRQ.eq.-9.or.OTHFRQ1.eq.-9	-9
6+ times a week	5
CYCFRQ+EXFRQ+AERFRQ+DANFRQ+WGTFRQ+ SWIFRQ+ RUNFRQ+FOOFRQ+BADFRQ+SQAFRQ+ GOLFRQ+WALFRQ+ OTHFRQ1.ge.06	
4-5 times a week	4
CYCFRQ+EXFRQ+AERFRQ+DANFRQ+WGTFRQ+ SWIFRQ+ RUNFRQ+FOOFRQ+BADFRQ+SQAFRQ+ GOLFRQ+WALFRQ+ OTHFRQ1.ge.04	

2-3 times a week CYCFRQ+EXFRQ+AERFRQ+DANFRQ+WGTFRQ+ SWIFRQ+ RUNFRQ+FOOFRQ+BADFRQ+SQAFRQ+ GOLFRQ+WALFRQ+ OTHFRQ1.ge.02	3
Once a week CYCFRQ+EXFRQ+AERFRQ+DANFRQ+WGTFRQ+ SWIFRQ+ RUNFRQ+FOOFRQ+BADFRQ+SQAFRQ+ GOLFRQ+WALFRQ+ OTHFRQ1.ge.01	2
Less than once a week/not at all CYCFRQ+EXFRQ+AERFRQ+DANFRQ+WGTFRQ+ SWIFRQ+ RUNFRQ+FOOFRQ+BADFRQ+SQAFRQ+ GOLFRQ+WALFRQ+ OTHFRQ1.lt.01	1

(Q) NOOCCSP: Number of occasions of moderate/vigorous sport activity per week

Variable name: NOOCCSP
 Variable label: Number of occasions of moderate/vigorous sport activity per week

Value labels:

- 1 Not applicable
- 9 Not answered

Notes:

Created in Quantum.

Specification

	NOOCCSP
SPRTACLN.eq.-9.or.ACTIVA.eq.-99..or.EXGASP.eq.-9.or. DANGASP.eq.-9.or.GOLGASP.eq.-9.or.WALGASP.eq.-9.or. CYCFRQ.eq.-9.or.EXFRQ.eq.-9.or.AERFRQ.eq.-9.or. DANFRQ.eq.-9.or.WGTFRQ.eq.-9.or.SWIFRQ.eq.-9.or. RUNFRQ.eq.-9.or.FOOFRQ.eq.-9.or.BADFRQ.eq.-9.or. SQAFRQ.eq.-9.or.GOLFRQ.eq.-9.or.WALFRQ.eq.-9.or. OTHFRQ1.eq.-9	-9
SPRTACLN.in.(0,1)	00
For SPRTACLN.in.(2,3), initially set NOOCCSP	00
ACTIVA.eq.01	NOOCCSP+CYCFRQ
ACTIVA.eq.02.and.EXGASP.in.(2,3)	NOOCCSP+EXFRQ
ACTIVA.eq.03	NOOCCSP+AERFRQ
ACTIVA.eq.04.and.DANGASP.in.(2,3)	NOOCCSP+DANFRQ
ACTIVA.eq.05	NOOCCSP+WGTFRQ
ACTIVA.eq.06	NOOCCSP+SWIFRQ
ACTIVA.eq.07	NOOCCSP+RUNFRQ
ACTIVA.eq.08	NOOCCSP+FOOFRQ
ACTIVA.eq.09	NOOCCSP+BADFRQ
ACTIVA.eq.10	NOOCCSP+SQAFRQ

ACTIVA.eq.11.and.GOLGASP.in.(2,3)

NOOCCSP+GOLFRQ

ACTIVA.eq.12.and.WALGASP.in.(2,3)

NOOCCSP+WALFRQ

ACTO.in.(2,3)

NOOCCSP+OTHRQ1

(Q) NUM20SP: No. of occasions of mod/vig sport activity in average week

Variable name: NUM20SP
 Variable label: Number of occasions of moderate/vigorous sport activity lasting 20+ minutes (for vigorous) or 30+ minutes (for moderate)

Value labels:
 -1 Not applicable
 -9 Not answered

Specification

	NUM20SP
SPRTACLN.eq.-9.or.ACTIVA.eq.-9.or.CYCGASP.eq.-9.or. AERGASP.eq.-9.or.WGTGASP.eq.-9.or.SWIGASP.eq.-9.or. FOOGASP.eq.-9.or.BADGASP.eq.-9.or.OTHGASP1.eq.-9.or. CYCFRQ.eq.-9.or.AERFRQ.eq.-9.or.WGTFRQ.eq.-9.or. SWIFRQ.eq.-9.or.RUNFRQ.eq.-9.or.FOOFRQ.eq.-9. BADFRQ.eq.-9.SQAFRQ.eq.-9.OTHFRQ1.eq.-9	-9
SPRTACLN.in.(0,1)	00
For SPRTACLN.in.(2,3), initially set NUM20SP	00
ACTIVA.eq.01.and.((CYCGASP.in.(2,3).and. CYCTIM.in.(3:5)).or.CYCTIM.in.(4,5))	NUM20SP+CYCFRQ
ACTIVA.eq.02.and.EXGASP.in.(2,3).and. EXTIM.in.(4,5)	NUM20SP+EXFRQ
ACTIVA.eq.03.and.((AERGASP.in.(2,3).and. AERTIM.in.(3:5)).or.AERTIM.in.(4,5))	NUM20SP+AERFRQ
ACTIVA.eq.04.and.DANGASP.in.(2,3).and. DANTIM.in.(4,5)	NUM20SP+DANFRQ
ACTIVA.eq.05.and.((WGTGASP.in.(2,3).and. WGTTIM.in.(3:5)).or.WGTTIM.in.(4,5))	NUM20SP+WGTFRQ
ACTIVA.eq.06.and.((SWIGASP.in.(2,3).and. SWITIM.in.(3:5)).or.SWITIM.in.(4,5))	NUM20SP+SWIFRQ
ACTIVA.eq.07.and.((RUNGASP.in.(2,3).and. RUNTIM.in.(3:5)).or.RUNTIM.in.(4,5))	NUM20SP+RUNFRQ
ACTIVA.eq.08.and.((FOOGASP.in.(2,3).and. FOOTIM.in.(3:5)).or.FOOTIM.in.(4,5))	NUM20SP+FOOFRQ
ACTIVA.eq.09.and.((BADGASP.in.(2,3).and. BADTIM.in.(3:5)).or.BADTIM.in.(4,5))	NUM20SP+BADFRQ
ACTIVA.eq.10.and.((SQAGASP.in.(2,3).and.	

SQATIM.in.(3:5).or.SQATIM.in.(4,5))	NUM20SP+SQAFRQ
ACTIVA.eq.11.and. GOLGASP.in.(2,3).and. GOLTIM.in.(4,5)	NUM20SP+GOLFRQ
ACTIVA.eq.12.and.WALGASP.in.(2,3).and. WALTIM.in.(4,5)	NUM20SP+WALFRQ
ACTO.eq.2.and.OTHTIM1.in.(4,5)	NUM20SP+OTHFRQ1
ACTO.eq.3.and.OTHTIM1.in.(3:5)	NUM20SP+OTHFRQ1

(Q) WRKACLVN: Work intensity

Variable name: WRKACLVN
Variable labels: Work intensity

Value labels:

-9	No answer
3	Vigorous activity
2	Moderate activity
1	Light activity
0	Inactive

Notes:

Created in Quantum.
Priority code

Specification

	WRKACLVN
Not answered DEMAND.le.-8.or.ACTIV.le.-8.or. (SOC.ge.997.and.DEMAND.in.(1,2))	-9
Vigorous DEMAND.eq.1.and.SOC.in.(530,597,830,832,898, 903,904,929)	3
Moderate DEMAND.eq.1.or.(DEMAND.eq.2.and.SOC.in.(501:505,509,530,533: 536,597,611,830,832,834,898,903,904,922:924,929:931,933))	2
Light DEMAND.eq.2	1
Inactive ACTIV.ne.2.or.DEMAND.eq.3	0

Definition of codes:

3=Very physically demanding job and in group 1 (very active) occupations
2=Fairly physically demanding job in group 1 and 2 occupations, or very physically demanding job not in group 1 occupations
1=Fairly physically demanding job, but not group 1 or 2 occupations
0=No job, or not very physically demanding job

Only people with specified SOC codes are graded to highest level. Professional sports people (SOC=387) are not included.

List of occupations that have an effect on final category:

Occupations coded as vigorous (if activity level = very demanding)

- 530 Smiths and forge workers
- 597 Face trained coal mining workers, shotfirers and deputies
- 830 Furnace operatives (metal)
- 832 Rollers
- 898 Mine (excluding coal) and quarry workers
- 903 Fishing and related workers
- 904 Forestry workers
- 929 Other building and civil engineering labourers n.e.c.

Occupations coded as moderate (if activity level = fairly demanding)

- 501 Roofers, slaters, tilers, sheeters, cladders
- 502 Plasterers
- 503 Glaziers
- 504 Builders, building contractors
- 505 Scaffolders, staggers, steeplejacks, riggers
- 509 Other construction trades n.e.c
- 530 Smiths and forge workers
- 533 Sheet metal workers
- 534 Metal plate workers, shipwrights, riveters
- 535 Steel erectors
- 536 Bar benders, steelfixers
- 597 Face trained coal mining workers, shotfirers and deputies
- 611 Fire service officers (leading fire officer and below)
- 830 Furnace operatives (metal)
- 832 Rollers
- 834 Electroplaters, galvanisers, colour coaters
- 898 Mine (excluding coal) and quarry workers
- 903 Fishing and related workers
- 904 Forestry workers
- 922 Rail construction and maintenance workers
- 923 Road construction and maintenance workers
- 924 Paviers, kerb layers
- 929 Other building and civil engineering labourers n.e.c.
- 930 Stevedores, dockers
- 931 Goods porters
- 933 Refuse and salvage collectors

(Q) WRKFQLVN: Work frequency

Variable name: WRKFQLVN
Variable labels: Work frequency

Value labels:

-9	No answer
5	4+ times a week
2	1-3 times a week
0	Never

Notes:

Created in Quantum.

Priority code

Specification

	WRKFQLVN
Not answered WRKACLVN.eq.-9.or.FTPTIME.eq.9	-9
4+ times a week WRKACLVN.in.(1:3).and.FTPTIME.eq.1	5
1-3 times a week WRKACLVN.in.(1:3).and.FTPTIME.eq.2	2
Never WRKACLVN.eq.0	0

(Q) ACTLVLN: Overall intensity level

Variable name: ACTLVLN
Variable label: Overall intensity level

Value labels:

-9	No answer
3	Vigorous activity
2	Moderate activity
1	Light activity
0	Inactive

Notes:
Created in Quantum.

Priority code
Code to highest level of activity found for home, sports or work.

Specification:

	ACTLVLN
Vigorous SPRTACLN.eq.3.or.WRKACLVN.eq.3	3
Not answered HOMEACLN.eq.-9.or.SPRTACLN.eq.-9.or. WRKACLVN.eq.-9	-9
Moderate HOMEACLN.eq.2.or.SPRTACLN.eq.2.or. WRKACLVN.eq.2	2
Light HOMEACLN.eq.1.or.SPRTACLN.eq.1.or. WRKACLVN.eq.1	1
Inactive HOMEACLN.eq.0.and.SPRTACLN.eq.0.and. WRKACLVN.eq.0	0

(Q) NUMOCC: Number of occasions of moderate/vigorous activity per week

Variable name: NUMOCC
Variable label: Number of occasions of moderate/vigorous activity per week

Value labels:

-1 Not applicable
-9 No answer

Notes:
Created in Quantum.

Specification

	NUMOCC
HOMEACLN.eq.-9.or.SPRTACLN.eq.-9.or. WRKACLVN.eq.-9.or.NUMOCCHM.eq.-9.or. NOOCCSP.eq.-9.or.WRKFQLVN.eq.-9	-9
Initially set NUMOCC	00
HOMEACLN.eq.2	NUMOCC+NUMOCCHM
SPRTACLN.in.(2,3)	NUMOCC+NOOCCSP
WRKACLVN.in.(2,3)	NUMOCC+WRKFQLVN

(Q) NUM20OCC: No. of occasions of mod/vig activity per week

Variable name: NUM20OCC
Variable label: Number of occasions of moderate (30+ mins)/vigorous (20+mins) activity per week

Value labels:

-1 Not applicable
-9 No answer

Notes:
Created in Quantum.

Specification

	NUM20OCC
HOMEMIN.eq.-9.or.SPRTACLN.eq.-9.or. WRKACLVN.eq.-9.or.NUM20HM.eq.-9.or. NUM20SP.eq.-9.or.WRKFQLVN.eq.-9	-9
Initially set NUM20OCC	00
HOMEMIN.eq.2	NUM20OCC+NUM30HM
SPRTACLN.in.(2,3)	NUM20OCC+NUM20SP
WRKACLVN.in.(2,3)	NUM20OCC+WRKFQLVN

(Q) *FREQINSN: Frequency-intensity level*

Variable name: FREQINSN
Variable label: Frequency-intensity level

Value labels:

- 9 No answer
- 5 Three or more occasions of vigorous activity per week
- 4 Three or more occasions of a mixture of vigorous and moderate activity per week
- 3 Three or more occasions of moderate activity per week
- 2 More than 1 - less than 3 occasions of moderate or vigorous activity per week
- 1 One or fewer occasions of moderate or vigorous activity per week
- 0 No occasions of moderate or vigorous activity per week

Notes:
Created in Quantum.

Priority code
'Occasion' means at least 30 mins moderate or at least 20 mins vigorous activity

Specification

	FREQINSN
Not answered N20VIGSP.eq.-9.or.WRKACLVN.eq.-9.or.WRKFQLVN.eq.-9.or. NUM20SP.eq.-9.or.NUM30HM.eq.-9	-9
Level 5 (N20VIGSP.ge.03.or.(WRKACLVN.eq.3.and.WRKFQLVN.eq.5).or. (N20VIGSP.ge.01.and.WRKACLVN.eq.3.and.WRKFQLVN.eq.2))	5
Level 4 (N20VIGSP.ge.01.and.((NUM20SP+NUM30HM).ge.03.or. (WRKACLVN.in.(2,3).and.WRKFQLVN.in.(2,5))).or. (WRKACLVN.eq.3.and.WRKFQLVN.eq.2.and.(NUM20SP+NUM30HM.ge.01)))	4
Level 3 ((NUM30HM+NUM20SP).ge.03).or. (WRKACLVN.eq.2.and.WRKFQLVN.eq.5).or. (WRKACLVN.eq.2.and.WRKFQLVN.eq.2.and. (NUM30HM+NUM20SP).ge.01)	3
Level 2 ((NUM20SP+NUM30HM).gt*.01).or.(WRKACLVN.in.(2,3).and. WRKFQLVN.in.(2,5))	2

Level 1	1
NUM20SP+NUM30HM.>.00	
Level 0	0
NUM20SP.eq.00.and.NUM30HM.eq.00.and.WRKACLVN.in.(0,1)	

(Q) *FREQINS5: Moderate-vigorous activity 5+ days a week*

Variable name: FREQINS5
Variable label: Moderate and/or vigorous activity 5+ days a week

Value labels:

- 9 No answer
- 1 Moderate and/or vigorous activity 5+ days a week
- 0 Moderate and/or vigorous activity less than 5 days a week or not at all

Notes:

Created in Quantum.
Only occasions of 20+ vigorous activity and/or 30+ moderate activity are included

Specification

	FREQINS5
Not answered NUM30HM.eq.-9.or.NUM20SP.eq.-9.or.WRKACLVN.eq.-9.or. WRKFQLVN.eq.-9	-9
Activity 5+ days a week NUM30HM.ge.05.or.NUM20SP.ge.05.or. (WRKACLVN.in.(2,3).and.WRKFQLVN.eq.5).or. ((NUM30HM+NUM20SP).ge.05).or.(WRKACLVN.in.(2,3). and.WRKFQLVN.eq.2.and.(NUM30HM+NUM20SP).ge.03)	1
Others	0

(S) WORKTWO: At least 2 physical activities at work

Value Labels:

0 'No'
1 'Yes'
-1 'item not applicable'
-9 'not answered'

Notes:

Created in SPSS

Specification:

```
MISSING VALUES mainsit ( ) .

COMPUTE worktwo = (mainsit=3 & climb=1)or
  (mainsit=3 & (liftcarr=1 or liftcarr=2)) or
  (climb=1 & (liftcarr=1 or liftcarr = 2)).
IF (mainsit = -1) worktwo = -1.
IF (mainsit = -9) worktwo = -9.
EXECUTE.

MISSING VALUES mainsit worktwo (-9 thru -1) .

VARIABLE LABELS worktwo 'At least 2 physical activities at
work' .

VALUE LABELS worktwo    0      'No'
                        1      'Yes'
                       -1     'item not applicable'
                       -9     'not answered' .
```

(S) WORKNONE: No physical activities at work

Value Labels:

0 'Some physical activity at work'
1 'No physical activity at work'
-1 'item not applicable'
-9 'not answered'

Notes:

Created in SPSS

Specification:

MISSING VALUES mainsit ().

```
COMPUTE worknone = (mainsit=1 or mainsit=2 or mainsit=4)
    & climb=2 & liftcarr=3.
IF mainsit = -1 worknone = -1.
IF mainsit = -9 worknone = -9.
EXECUTE.
```

MISSING VALUES mainsit worknone (-9 thru -1) .

```
VARIABLE LABELS worknone 'No physical activities at work'.
VALUE LABELS worknone
    0 'Some physical activity at work'
    1 'No physical activity at work'
    -1 'item not applicable'
    -9 'not answered' .
```

(S) FRQINSG: Frequency-intensity of physical activity - grouped

Value labels:

0	'Level 0'
1	'Levels 1,2'
2	'Levels 3,4,5'
-9	'No answer'

Notes:

Created in SPSS

Specification:

```
MISSING VALUES frqinsn (.).  
COMPUTE frqinsg=frqinsn.  
RECODE frqinsg (2=1) (3 4 5 =2).  
EXECUTE .
```

```
MISSING VALUES frqinsn frqinsg (-9) .
```

```
VARIABLE LABEL frqinsg 'Frequency-intensity of physical  
activity -grouped' .
```

```
VALUE LABELS frqinsg 0 'Level 0'  
1 'Levels 1,2'  
2 'Levels 3,4,5'  
-9 'No answer'.
```

Eating Habits

(Q) BREAD2: Usual bread eaten

Variable name: BREAD2
Variable label: Usual bread eaten

Value labels:

- 1 White
- 2 Brown, granary, wheatmeal
- 3 Wholemeal
- 4 Soft grain
- 9 Not answered/does not eat bread/no usual/other/can't say

Notes:

Created in Quantum
Recode of USBREAD

	BREAD2
Not answered - does not eat bread/no usual/other/can't say USBREAD.in.(5,6,7)	-9
White USBREAD.eq.1	1
Brown, granary, wheatmeal USBREAD.eq.2	2
Wholemeal USBREAD.eq.3	3
Soft grain USBREAD.eq.4	4

(Q) SPREAD2: Usual spread on bread

Variable name: SPREAD2
Variable label: Usual spread on bread

Value labels:

- 1 Butter or hard margarine
- 2 Soft margarine
- 3 Reduced fat spread
- 4 Low fat spread
- 5 None used

- 1 Not applicable
- 9 Not answered/no usual type/can't say

Notes:

Created in Quantum
Recode of SPR

Specification:

	SPREAD2
Not applicable - does not eat bread USBREAD.eq.7	-1
Not answered - no usual type/can't say SPR.in.(6,9)	-9
Butter or hard margarine SPR.in.(1,2)	1
Soft margarine SPR.eq.3	2
Reduced fat spread SPR.eq.4	3
Low fat spread SPR.eq.5	4
None Used SPR.eq.7	5

(Q) MILK2: Usual type of milk

Variable name: MILK2
Variable label: Usual type of milk

Value labels:

- 1 Whole
- 2 Semi-skimmed
- 3 Skimmed
- 4 Other
- 9 Not answered - does not drink milk/no usual/can't say

Notes:

Created in Quantum
Recode of MILK

Specification:

	MILK2
Not answered - does not drink milk/no usual/can't say MILK.in.(7,8,9)	-9
Whole MILK.eq.1	1
Semi-skimmed MILK.eq.2	2
Skimmed MILK.eq.3	3
Other MILK.eq.4	4

(Q) SUGAR: Adds sugar to tea

Variable name: SUGAR
Variable label: Adds sugar to tea (tea drinkers)

Value labels:

- 1 Adds sugar
- 2 No sugar
- 9 Not answered/does not drink tea /can't say

Notes:

Created in Quantum
Recode of SUGTEA

Specification:

	SUGAR
Not answered - does not drink tea/can't say SUGTEA.in.(3,8)	-9
Adds sugar SUGTEA.eq.1	1
No sugar SUGTEA.eq.2	2

(Q) COFFEE: Adds sugar to coffee

Variable name: COFFEE
Variable label: Adds sugar to coffee (coffee drinkers)

Value labels:

- 9 Not answered/does not drink coffee /can't say
- 1 Adds sugar
- 2 No sugar

Notes:
Created in Quantum
Recode of SUGCOFF

Specification

	COFFEE
Not answered - does not drink coffee/can't say SUGCOFF.in.(3,8)	-9
Adds sugar SUGCOFF.eq.1	1
No sugar SUGCOFF.eq.2	2

(Q) CEREAL2: Usual breakfast cereal

Variable name: CEREAL2
Variable label: Usual breakfast cereal (eats cereal)

Value labels:

- 9 Not answered - does not eat cereal/can't say
- 1 High fibre
- 2 Other
- 3 No usual type

Notes:
Created in Quantum
Recode of CEREAL

Specification

	CEREAL2
Not answered - does not eat cereal/can't say CEREAL.in.(5,8)	-9
High fibre CEREAL.eq.1	1
Other CEREAL.in.(2,3)	2
No usual type CEREAL.eq.4	3

(Q) CEROFT: Frequency eats cereal

Variable name: CEROFT
Variable label: Frequency eats cereal

Value labels:

-9 Not answered / can't say

1 Once a day or more

2 5-6 days a week

3 2-4 days a week

4 Once a week

5 1-3 times a month

6 Rare/never

Notes:

Created in Quantum
Recode of CEREALS

Specification

	CEROFT
Not answered / can't say CEREALS.in.(98,99)	-9
Once a day or more CEREALS.in.(1:4)	1
5-6 days a week CEREALS.eq.5	2
2-4 days a week CEREALS.eq.6	3
Once a week CEREALS.eq.7	4
1-3 times a month CEREALS.eq.8	5
Rare/never CEREALS.eq.9	6

(Q) FRUIT2: Frequency eats fruit

Variable name: FRUIT2
Variable label: Frequency eats fruit

Value labels:

- 9 Not answered / can't say
- 1 More than once a day
- 2 Once a day
- 3 5-6 days a week
- 4 2-4 days a week
- 5 Once a week
- 6 1-3 times a month
- 7 Rare/never

Notes:
Created in Quantum
Recode of FRUIT

Specification

	FRUIT2
Not answered / can't say FRUIT.eq.99	-9
More than once a day FRUIT.in.(1:3)	1
Once a day FRUIT.eq.4	2
5-6 days a week FRUIT.eq.5	3
2-4 days a week FRUIT.eq.6	4
Once a week FRUIT.eq.7	5
1-3 times a month FRUIT.eq.8	6
Rare/never FRUIT.eq.9	7

(Q) CHIPS2: Frequency eats chips

Variable name: CHIPS2
Variable label: Frequency eats chips

Value labels:

-9 Not answered / can't say

1 Once a day or more

2 5-6 days a week

3 2-4 days a week

4 Once a week

5 1-3 times a month

6 Rare/never

Notes:

Created in Quantum

Recode of CHIPS

Specification

	CHIPS2
Not answered / can't say CHIPS.eq.-9	-9
Once a day or more CHIPS.in.(1:4)	1
5-6 days a week CHIPS.eq.5	2
2-4 days a week CHIPS.eq.6	3
Once a week CHIPS.eq.7	4
1-3 times a month CHIPS.eq.8	5
Rare/never CHIPS.eq.9	6

(Q) POTAT2: Frequency eats potatoes

Variable name: POTAT2
Variable label: Frequency eats potatoes

Value labels:

-9 Not answered / can't say

1 Once a day or more

2 5-6 days a week

3 2-4 days a week

4 Once a week

5 1-3 times a month

6 Rare/never

Notes:

Created in Quantum

Recode of POTATOES

Specification

	POTAT2
Not answered / can't say POTATOES.eq.99	-9
Once a day or more POTATOES.in.(1:4)	1
5-6 days a week POTATOES.eq.5	2
2-4 days a week POTATOES.eq.6	3
Once a week POTATOES.eq.7	4
1-3 times a month POTATOES.eq.8	5
Rare/never POTATOES.eq.9	6

(Q) GRVEG2: Frequency eats green vegetables

Variable name: GRVEG2
Variable label: Frequency eats green vegetables

Value labels:

- 9 Not answered / can't say
- 1 More than once a day
- 2 Once a day
- 3 5-6 days a week
- 4 2-4 days a week
- 5 Once a week or less

Notes:

Created in Quantum
Recode of GREENVEG

Specification

	GRVEG2
Not answered / can't say GREENVEG.eq.99	-9
More than once a day GREENVEG.in.(1:3)	1
Once a day GREENVEG.eq.4	2
5-6 days a week GREENVEG.eq.5	3
2-4 days a week GREENVEG.eq.6	4
Once a week or less GREENVEG.in.(7:9)	5

(Q) RTVEG2: Frequency eats root vegetables

Variable name: RTVEG2
Variable label: Frequency eats root vegetables

Value labels:

- 9 Not answered / can't say
- 1 More than once a day
- 2 Once a day
- 3 5-6 days a week
- 4 2-4 days a week
- 5 Once a week or less

Notes:
Created in Quantum
Recode of ROOTVEG

Specification

	RTVEG2
Not answered / can't say ROOTVEG.eq.99	-9
More than once a day ROOTVEG.in.(1:3)	1
Once a day ROOTVEG.eq.4	2
5-6 days a week ROOTVEG.eq.5	3
2-4 days a week ROOTVEG.eq.6	4
Once a week or less ROOTVEG.in.(7:9)	5

(Q) RAWVEG2: Frequency eats raw vegetables

Variable name: RAWVEG2
Variable label: Frequency eats raw vegetables

Value labels:

- 9 Not answered / can't say
- 1 More than once a day
- 2 Once a day
- 3 5-6 days a week
- 4 2-4 days a week
- 5 Once a week or less

Notes:
Created in Quantum
Recode of RAWVEG

Specification

	RAWVEG2
Not answered / can't say RAWVEG.eq.-9	-9
More than once a day RAWVEG.in.(1:3)	1
Once a day RAWVEG.eq.4	2
5-6 days a week RAWVEG.eq.5	3
2-4 days a week RAWVEG.eq.6	4
Once a week or less RAWVEG.in.(7:9)	5

(Q) MEAT2: Frequency eats meat

Variable name: MEAT2
Variable label: Frequency eats meat

Value labels:

- 9 Not answered / can't say
- 1 More than once a day
- 2 Once a day
- 3 5-6 days a week
- 4 2-4 days a week
- 5 Once a week or less

Notes:
Created in Quantum
Recode of MEAT

Specification

	MEAT2
Not answered / can't say MEAT.eq.99	-9
More than once a day MEAT.in.(1:3)	1
Once a day MEAT.eq.4	2
5-6 days a week MEAT.eq.5	3
2-4 days a week MEAT.eq.6	4
Once a week or less MEAT.in.(7:9)	5

(Q) MTPROD2: Frequency eats meat products

Variable name: MTPROD2
Variable label: Frequency eats meat products

Value labels:

- 9 Not answered / can't say
- 1 More than once a day
- 2 Once a day
- 3 5-6 days a week
- 4 2-4 days a week
- 5 Once a week or less

Notes:
Created in Quantum
Recode of MEATPROD

Specification

	MTPROD2
Not answered / can't say MEATPROD.eq.99	-9
More than once a day MEATPROD.in.(1:3)	1
Once a day MEATPROD.eq.4	2
5-6 days a week MEATPROD.eq.5	3
2-4 days a week MEATPROD.eq.6	4
Once a week or less MEATPROD.in.(7:9)	5

(Q) POULTRY2: Frequency eats poultry

Variable name: POULTRY2
Variable label: Frequency eats poultry

Value labels:

- 9 Not answered / can't say
- 1 More than once a day
- 2 Once a day
- 3 5-6 days a week
- 4 2-4 days a week
- 5 Once a week or less

Notes:

Created in Quantum
Recode of POULTRY

Specification

	POULTRY2
Not answered / can't say POULTRY.eq.99	-9
More than once a day POULTRY.in.(1:3)	1
Once a day POULTRY.eq.4	2
5-6 days a week POULTRY.eq.5	3
2-4 days a week POULTRY.eq.6	4
Once a week or less POULTRY.in.(7:9)	5

(Q) WFISH2: Frequency eats white fish

Variable name: WFISH2
Variable label: Frequency eats white fish

Value labels:

-9 Not answered / can't say

1 Once a day or more

2 5-6 days a week

3 2-4 days a week

4 Once a week

5 1-3 times a month

6 Rare/never

Notes:

Created in Quantum

Recode of WFISH

Specification

	WFISH2
Not answered / can't say WFISH.eq.99	-9
Once a day or more WFISH.in.(1:4)	1
5-6 days a week WFISH.eq.5	2
2-4 days a week WFISH.eq.6	3
Once a week WFISH.eq.7	4
1-3 times a month WFISH.eq.8	5
Rare/never WFISH.eq.9	6

(Q) FISHOIL2: Frequency eats oily fish

Variable name: POTAT2
Variable label: Frequency eats salmon, tuna, etc

Value labels:

- 9 Not answered / can't say
- 1 Once a day or more
- 2 5-6 days a week
- 3 2-4 days a week
- 4 Once a week
- 5 1-3 times a month
- 6 Rare/never

Notes:
Created in Quantum
Recode of FISHOIL

Specification

	FISHOIL2
Not answered / can't say FISHOIL.eq.99	-9
Once a day or more FISHOIL.in.(1:4)	1
5-6 days a week FISHOIL.eq.5	2
2-4 days a week FISHOIL.eq.6	3
Once a week FISHOIL.eq.7	4
1-3 times a month FISHOIL.eq.8	5
Rare/never FISHOIL.eq.9	6

(Q) CHEESE2: Frequency eats cheese

Variable name: CHEESE2
Variable label: Frequency eats cheese

Value labels:

- 9 Not answered / can't say
- 1 More than once a day
- 2 Once a day
- 3 5-6 days a week
- 4 2-4 days a week
- 5 Once a week or less

Notes:

Created in Quantum
Recode of CHEESE

Specification

	CHEESE
Not answered / can't say CHEESE.eq.99	-9
More than once a day CHEESE.in.(1:3)	1
Once a day CHEESE.eq.4	2
5-6 days a week CHEESE.eq.5	3
2-4 days a week CHEESE.eq.6	4
Once a week or less CHEESE.in.(7:9)	5

(Q) BEANS2: Frequency eats pulses

Variable name: BEANS2
Variable label: Frequency eats pulses

Value labels:

- 9 Not answered / can't say
- 1 5 days a week or more
- 2 2-4 days a week
- 3 Once a week
- 4 1-3 times a month
- 5 Rare/never

Notes:
Created in Quantum
Recode of PULSES

Specification

	BEANS2
Not answered / can't say PULSES.eq.99	-9
5 days a week or more PULSES.in.(1:5)	1
2-4 days a week PULSES.eq.6	2
Once a week PULSES.eq.7	3
1-3 times a month PULSES.eq.8	4
Rare/never PULSES.eq.9	5

(Q) CONFEC2: Frequency eats sweets or chocolate

Variable name: CONFEC2
Variable label: Frequency eats sweets or chocolate

Value labels:

- 9 Not answered / can't say
- 1 More than once a day
- 2 Once a day
- 3 5-6 days a week
- 4 2-4 days a week
- 5 Once a week
- 6 1-3 times a month
- 7 Rare/never

Notes:
Created in Quantum
Recode of CONFEC

Specification

	CONFEC2
Not answered / can't say CONFEC.eq.99	-9
More than once a day CONFEC.in.(1:3)	1
Once a day CONFEC.eq.4	2
5-6 days a week CONFEC.eq.5	3
2-4 days a week CONFEC.eq.6	4
Once a week CONFEC.eq.7	5
1-3 times a month CONFEC.eq.8	6
Rare/never CONFEC.eq.9	7

(Q) ICECREM2: Frequency eats ice cream

Variable name: ICECREM2
Variable label: Frequency eats ice cream

Value labels:

-9 Not answered / can't say

1 Once a day or more

2 5-6 days a week

3 2-4 days a week

4 Once a week

5 1-3 times a month

6 Rare/never

Notes:

Created in Quantum

Recode of ICECREAM

Specification

	ICECREM2
Not answered / can't say ICECREAM.eq.99	-9
Once a day or more ICECREAM.in.(1:4)	1
5-6 days a week ICECREAM.eq.5	2
2-4 days a week ICECREAM.eq.6	3
Once a week ICECREAM.eq.7	4
1-3 times a month ICECREAM.eq.8	5
Rare/never ICECREAM.eq.9	6

(Q) CRISPS2: Frequency eats crisps

Variable name: CRISPS2
Variable label: Frequency eats crisps

Value labels:

- 9 Not answered / can't say
- 1 More than once a day
- 2 Once a day
- 3 5-6 days a week
- 4 2-4 days a week
- 5 Once a week
- 6 1-3 times a month
- 7 Rare/never

Notes:
Created in Quantum
Recode of CRISPS

Specification

	CRISPS2
Not answered / can't say CRISPS.eq.99	-9
More than once a day CRISPS.in.(1:3)	1
Once a day CRISPS.eq.4	2
5-6 days a week CRISPS.eq.5	3
2-4 days a week CRISPS.eq.6	4
Once a week CRISPS.eq.7	5
1-3 times a month CRISPS.eq.8	6
Rare/never CRISPS.eq.9	7

(Q) SOFTDR2: Frequency drinks soft drinks

Variable name: SOFTDR2
Variable label: Frequency drinks soft drinks

Value labels:

- 9 Not answered / can't say
- 1 More than once a day
- 2 Once a day
- 3 5-6 days a week
- 4 2-4 days a week
- 5 Once a week
- 6 1-3 times a month
- 7 Rare/never

Notes:
Created in Quantum
Recode of SOFTDR

Specification

	SOFTDR2
Not answered / can't say SOFTDR.eq.99	-9
More than once a day SOFTDR.in.(1:3)	1
Once a day SOFTDR.eq.4	2
5-6 days a week SOFTDR.eq.5	3
2-4 days a week SOFTDR.eq.6	4
Once a week SOFTDR.eq.7	5
1-3 times a month SOFTDR.eq.8	6
Rare/never SOFTDR.eq.9	7

(Q) CAKES2: Frequency eats cakes

Variable name: CAKES2
Variable label: Frequency eats cakes

Value labels:

- 9 Not answered / can't say
- 1 More than once a day
- 2 Once a day
- 3 5-6 days a week
- 4 2-4 days a week
- 5 Once a week
- 6 1-3 times a month
- 7 Rare/never

Notes:
Created in Quantum
Recode of CAKESETC

Specification

	CAKES2
Not answered / can't say CAKESETC.eq.99	-9
More than once a day CAKESETC.in.(1:3)	1
Once a day CAKESETC.eq.4	2
5-6 days a week CAKESETC.eq.5	3
2-4 days a week CAKESETC.eq.6	4
Once a week CAKESETC.eq.7	5
1-3 times a month CAKESETC.eq.8	6
Rare/never CAKESETC.eq.9	7

(Q) BISCUIT2: Frequency eats biscuits

Variable name: BISCUIT2
Variable label: Frequency eats biscuits

Value labels:

- 9 Not answered / can't say
- 1 More than once a day
- 2 Once a day
- 3 5-6 days a week
- 4 2-4 days a week
- 5 Once a week
- 6 1-3 times a month
- 7 Rare/never

Notes:
Created in Quantum
Recode of BISCUITS

Specification

	BISCUITS2
Not answered / can't say BISCUITS.eq.99	-9
More than once a day BISCUITS.in.(1:3)	1
Once a day BISCUITS.eq.4	2
5-6 days a week BISCUITS.eq.5	3
2-4 days a week BISCUITS.eq.6	4
Once a week BISCUITS.eq.7	5
1-3 times a month BISCUITS.eq.8	6
Rare/never BISCUITS.eq.9	7

(Q) VITAMINS: Whether taking any vitamin/mineral supplements

Variable name: VITAMINS

Variable label: Whether taking any vitamin/mineral supplements

Value labels:

-9 Not answered / can't say

1 Taking supplement

0 Not taking supplement

Notes:

Created in Quantum

Specification

	VITAMINS
Taking supplement Vitamin1.in.2:7	1
Not taking supplement Vitamin1.eq.1	0

(Q) VIT1-6: Whether taking any vitamin/mineral supplements

Variable name: VIT1 - VIT6
Variable label: Whether taking named vitamin/mineral supplements

Value labels:

VIT1: Vitamins

1 vitamins
0 no vitamins

VIT2: Fishoils

1 Fishoils
0 no vitamins

VIT3: Iron supplements

1 iron supplements
0 no vitamins

VIT4: Calcium, other supplements

1 Calcium
0 no calcium

VIT5: Other minerals, supplements

1 Other minerals, supplements
0 no other minerals, supplement

VIT6: Other supplements

1 Other supplements
0 no other supplements

Notes:

Created in Quantum

VIT1 - VIT6 are 7 dummy variables created to produce single dichotomous variables for each vitamin/mineral supplement

Drinking

(Q) QBEER: No. units of beer drunk in a week

Value labels

-9 Not answered
-1 Not applicable

Notes:

Created in Quantum.
Continuous variable

Specification

	QBEER
Not answered ((drink.le.-8.or.drinkany.le.-8).or.(often1.le.-8.or.beerq0.le.-8.or.beerq1.le.-8.or.beerq2.le.-8.or.beerq3.le.-8)).or.((ddrink.eq.-9.or.ddrinkan.eq.-9).or.(scomp3.eq.2.or.dbeerq1.eq.-9.or.dbeerq2.eq.-9.or.dbeerq3.eq.-9.or.dbeer.eq.-9))	-9
Not applicable drinkany.eq.2	-1
All other cases initially set QBEER = drinkany.eq.2.or.ddrinkan.eq.2	00

Amounts calculated as follows:

```
qbeer=00
xbeerq2=0
xbeerq3=0.0
x1=0.0
/* Temporary calculations
if (beerq2.in.(01:97)) xbeerq2=2*beerq2
if (beerq3.in.(01:97).and.bottle.eq.-9) qbeer=-9; goto 5100
if (beerq3.in.(01:97)) xbeerq3=beerq3*bottle*0.00352
if (beerq0.ge.01.and.beerq0.le.97) x1=beerq0
if (beerq1.ge.01.and.beerq1.le.97.and.beerq1.gt.x1) x1=beerq1
if (xbeerq2.ge.01.and.xbeerq2.gt.x1) x1=xbeerq2
if (xbeerq3.ge.0.75.and.xbeerq3.gt.x1) x1=xbeerq3
```

```
qbeer=00
xdbeerq2=0
x1=0.0
/* Temporary calculations
if (dbeerq2.in.(01:98)) xdbeerq2=2*dbeerq2
```

if (dbeerq1.ge.01.and.dbeerq1.le.98) x1=2*dbeerq1
if (xdbeerq2.ge.01.and.xdbeerq2.gt.x1) x1=xdbeerq2
if (dbeerq3.ge.01.and.dbeerq3.le.98.and.dbeerq3.gt.x1) x1=dbeerq3

often1.eq.01.or.dbeer.eq.01	x1*7
often1.eq.02.or.dbeer.eq.02	x1*5.5
often1.eq.03.or.dbeer.eq.03	x1*3.5
often1.eq.04.or.dbeer.eq.04	x1*1.5
often1.eq.05.or.dbeer.eq.05	x1*0.375
often1.eq.06.or.dbeer.eq.06	x1*0.115
often1.eq.07.or.dbeer.eq.07	x1*0.029
often1.eq.08.or.dbeer.eq.08	0

(Q) QSHANDY: No. units of shandy drunk in a week

Value labels

-9 Not answered
-1 Not applicable

Notes:

Created in Quantum.
Continuous variable

Specification

QSHANDY

Not answered

((drink.le.-8.or.drinkany.le.-8).or.(often1.le.-8.or.beerq0.le.-8.or.beerq1.le.-8.or.beerq2.le.-8.or.beerq3.le.-8)).or.((ddrink.eq.-9.or.ddrinkan.eq.-9).or.(scomp3.eq.2.or.dshandyq.eq.-9.or.dshandy.eq.-9)).or.(often0.le.-8.or.dayq0.le.-8)

-9

Not applicable

drinkany.eq.2

-1

All other cases initially set QSHANDY =
drinkany.eq.2.or.ddrinkan.eq.2

00

Amounts calculated as follows:

x1=0; x2=0; shandyq1=0; shandyq2=0; dshandq1=0; dshandq2=0; qshandyb=-1; qshandy=-1
qshandy=00

x1 = 0.5 * dayq0

shandyq1=x1

x1 = x1 + 0.5

shandyq2=x1

often0.eq.01.or.dshandy.eq.01

qshandyb=shandyq2*7; qshandy=shandyq1*7

often0.eq.02.or.dshandy.eq.02

qshandyb=shandyq2*5.5; qshandy=shandyq1*5.5

often0.eq.03.or.dshandy.eq.03

qshandyb=shandyq2*3.5; qshandy=shandyq1*3.5

often0.eq.04.or.dshandy.eq.04

qshandyb=shandyq2*1.5; qshandy=shandyq1*1.5

often0.eq.05.or.dshandy.eq.05

qshandyb=shandyq2*0.375; qshandy=shandyq1*0.375

often0.eq.06.or.dshandy.eq.06

qshandyb=shandyq2*0.115; qshandy=shandyq1*0.115

often0.eq.07.or.dshandy.eq.07

qshandyb=shandyq2*0.029; qshandy=shandyq1*0.029

often0.eq.08.or.dshandy.eq.08

qshandyb=00; qshandy=00

qshandyb=00

qshandy=00

x2 = dshandyq

dshandq1 = x2

x2 = x2 + 0.5

dshandq2 = x2

(Q) QSPIRITS: No. units of spirits drunk in a week

Value labels

-9 Not answered
-1 Not applicable

Notes:

Created in Quantum.
Continuous variable

Specification

	QSPIRITS
Not answered drink.le.-8.or.drinkany.le.-8.or (often2.le.-8.or.dayq1.le.-8).or. (scomp3.eq.2.or.dspiritq.eq.-9.or.dspirits.eq.-9)	-9
Not applicable drinkany.eq.2.or.ddrinkan.eq.2	-1
Initially set all other cases to	00
often2.eq.01.or.dspirits.eq.1	dayq1*7
often2.eq.02.or.dspirits.eq.2	dayq1*5.5
often2.eq.03.or.dspirits.eq.3	dayq1*3.5
often2.eq.04.or.dspirits.eq.4	dayq1*1.5
often2.eq.05.or.dspirits.eq.5	dayq1*0.375
often2.eq.06.or.dspirits.eq.6	dayq1*0.115
often2.eq.07.or.dspirits.eq.7	dayq1*0.029
often2.eq.08.or.dspirits.eq.8	00

(Q) QSHERRY: No. units of sherry drunk in a week

Value labels

-9 Not answered
-1 Not applicable

Notes:

Created in Quantum.
Continuous variable

Specification

	QSHERRY
Not answered drink.le.-8.or.drinkany.le.-8.or (often3.le.-8.or.dayq2.le.-8).or. (scomp3.eq.2.or.dsherryq.eq.-9.or.dsherry.eq.-9)	-9
Not applicable drinkany.eq.2.or.ddrinkan.eq.2	-1
Initially set all other cases to	00
often3.eq.01.or.dsherry.eq.1	dayq2*7
often3.eq.02.or.dsherry.eq.2	dayq2*5.5
often3.eq.03.or.dsherry.eq.3	dayq2*3.5
often3.eq.04.or.dsherry.eq.4	dayq2*1.5
often3.eq.05.or.dsherry.eq.5	dayq2*0.375
often3.eq.06.or.dsherry.eq.6	dayq2*0.115
often3.eq.07.or.dsherry.eq.7	dayq2*0.029
often3.eq.08.or.dsherry.eq.8	00

(Q) QWINE: No. units of wine drunk in a week

Value labels

-9 Not answered
-1 Not applicable

Notes:

Created in Quantum.
Continuous variable

Specification

	QWINE
Not answered drink.le.-8.or.drinkany.le.-8.or (often4.le.-8.or.dayq3.le.-8).or. (scomp3.eq.2.or.dwineq.eq.-9.or.dwine.eq.-9)	-9
Not applicable drinkany.eq.2.or.ddrinkan.eq.2	-1
Initially set all other cases to	00
often4.eq.01.or.dwine.eq.1	dayq3*7
often4.eq.02.or.dwine.eq.2	dayq3*5.5
often4.eq.03.or.dwine.eq.3	dayq3*3.5
often4.eq.04.or.dwine.eq.4	dayq3*1.5
often4.eq.05.or.dwine.eq.5	dayq3*0.375
often4.eq.06.or.dwine.eq.6	dayq3*0.115
often4.eq.07.or.dwine.eq.7	dayq3*0.029
often4.eq.08.or.dwine.eq.8	00

(Q) DRATING: No. of units drunk in a week

Value labels

-9 Not answered
-1 Not applicable

Notes:

Created in Quantum.

DRATING = SUM(Positive values of QSHANDY, QBEER, QSPIRITS, QSHERRY AND QWINE) - excluding missing values.

Specification

	DRATING
Not answered ddrink.eq.-6.or. (qshandyb.le.-8.and.qbeer.le.-8.and.qspirits.le.-8 .and.qsherry.le.-8.and.qwine.le.-8	-9
No consumption qshandyb.eq.0.and.qbeer.eq.0.and.qspirits.eq.0. .and.qsherry.eq.0.and.qwine.eq.0	drating = 0
For all other cases, initially set DRATING =	0

Calculate overall consumption as:

if (qshandyb.ge.0)	drating+qshandyb
if (qbeer.ge.0)	drating+qbeer
if (qsherry.ge.0)	drating+qsherry
if (qspirits.ge.0)	drating+qspirits
if (qwine.ge.0)	drating+qwine

(Q) DRNKSTAT: Drinking status

Value labels

1	Drink
2	Drink occasionally
3	Ex-drinker
4	Never drank
-9	refusal/don't know

Notes

Created in Quantum.

Specification

		DRNKSTAT
Refusal/DK		
drink.le.-8.or.ddrink.le.-6.or.ddrinkan.le.-8		-9
Drink		
drink.eq.1.or.ddrink.eq.1	1	
Drinks occasionally		
drinkany.eq.1.or.ddrinkan.eq.1		2
Ex-drinker		
alwaystt.eq.2.or.dalwaytt.eq.2		3
Never drank		
alwaystt.eq.1.or.alwaystt.le.-8.or.dalwaytt.eq.1. or.dalwaytt.le.-8		4

(Q) ALCBASE: Alcohol consumption rating (applicable to both men and women)

Value labels:

1	Never drank
2	Ex-drinker
3	Trivial
4	Non-zero, but under 1
5	1 < 7
6	7 < 10
7	10 < 14
8	14 < 21
9	21 < 28
10	28 < 35
11	35 < 50
12	50 +
-9	Not answered
-2	Schedule not applicable
-1	Not applicable

Notes:

Created in Quantum.

Specification

	ALCBASE
Initially set ALCBASE =	-1
Calculation of ALCBASE is as follows:	
Schedule not applicable drating.eq.-2	-2
Not answered drating.eq.-9.or.drnkstat.eq.-9	-9
Never drank drnkstat.eq.4	1
Ex-drinker drnkstat.eq.3	2
Trivial drating.eq.0	3
Non-zero, but under 1 drating.gt.0.and.drating.lt.0.505	4
1 < 7	

drating.ge.0.505.and.drating.lt.7.005	5
7 <10 drating.ge.7.005.and.drating.lt.10.005	6
10 <14 drating.ge.10.005.and.drating.lt.14.005	7
14 < 21 drating.ge.14.005.and.drating.lt.21.005	8
21 < 28 drating.ge.21.005.and.drating.lt.28.005	9
28 < 35 drating.ge.28.005.and.drating.lt.35.005	10
35 < 50 drating.ge.35.005.and.drating.lt.50.005	11
50 + drating.ge.50.005	12

(Q) DRKOFTEN: How often alcoholic drink

Value labels

1	Almost everyday
2	Five or six days a week
3	Three or four days a week
4	Once or twice a week
5	Once or twice a month
6	Once every couple of months
7	Once or twice a year
8	Not at all in the last 12 months
9	Never
-9	Not answered

Notes:

Created in Quantum.

Specification

	DRKOFTEN
Not answered drink.le.-8.or.ddrink.le.-6.or.drinkoft.le.-8.or. ddrinkof.le.-8.or.ddrinkan.le.-8	-9
Never drnkstat.eq.3.or.drnkstat.eq.4	9
Almost everyday drinkoft.eq.01.or.ddrinkof.eq.0	1
Five or six days a week drinkoft.eq.01.or.ddrinkof.eq.0	2
Three or four days a week drinkoft.eq.01.or.ddrinkof.eq.0	3
Once or twice a week drinkoft.eq.01.or.ddrinkof.eq.0	4
Once or twice a month drinkoft.eq.01.or.ddrinkof.eq.0	5
Once every couple of months drinkoft.eq.01.or.ddrinkof.eq.0	6
Once or twice a year drinkoft.eq.01.or.ddrinkof.eq.0	7
Not at all in the last 12 months drinkoft.eq.01.or.ddrinkof.eq.0	8

(Q) CAGETOT: CAGE Score

Value labels

- 1 Not applicable - non drinker
- 2 Not applicable - adults
- 9 Not answered

Notes

Created in Quantum.

Asked of all 16-17 year olds only as part of the self-completion schedule except those who said that they were and had always been a non-drinker.

Specification

	CAGETOT
Adults respage.ge.18	-2
Non-drinker dalwaytt.eq.1	-1
Initially set CAGETOT =	0
cutdri.eq.1	cagetot+1
guiltldri.eq.1	cagetot+1
critdri.eq.1	cagetot+1
shakdri.eq.1	cagetot+1
nervdri.eq.1	cagetot+1
nostdri.eq.1	cagetot+1
ddrink.in.(-6,-9).or.ddrinkan.eq.-9.or.dalwaytt.eq.-9. or.cutdri.eq.-9.or.guiltldri.eq.-9.or.critdri.eq.-9.or. shakdri.eq.-9.or.nervdri.eq.-9.or.nostdri.eq.-9)	-9

(S) PERDAY: Number of units drunk per day

Value Labels:

-6 'Schedule not obtained'
-9 'Not answered'

Notes:

Created in SPSS

The intermediate variable OFTENQNT has been dropped from the data set.

Specification:

```
MISSING VALUES drating drkoften ( ) .  
RECODE drkoften (0=0) (1=7) (2=5.5) (3=3.5) (4=1.5) (5=.375)  
          (6=.115) (7=.029)(8=0) (ELSE = COPY) INTO oftenqnt.  
IF (oftenqnt > 0) perday = drating / oftenqnt .  
IF (drating <= 0 | oftenqnt <=0) perday = -9 .  
IF (drkoften = -6) perday = -6 .  
EXECUTE .  
MISSING VALUES drating drkoften perday (-9 THRU -1) .  
VARIABLE LABELS perday 'number of units drunk per day' .
```

(S) PERDAY1: Number of units drunk per day - grouped

Value Labels:

0	'none'
1	'greater than 0, less than 1 unit/day'
2	'1 to under 2 units/day'
3	'2 to under 3 units/day'
4	'3 to under 4 units/day'
5	'4 to under 5 units/day'
6	'5 to under 6 units/day'
7	'6 or more units/day'
-6	'schedule not obtained'
-9	'not answered'

Notes:

Created in SPSS

Specification:

```
RECODE perday (6 thru hi=7)(5 thru hi= 6)(4 thru hi=5)(3 thru  
hi=4)  
      (2 thru hi=3)(1 thru hi=2)(0 thru hi=1)(ELSE=COPY) INTO  
perday1.
```

```
MISSING VALUES perday1 (-9 -6) .
```

```
VARIABLE LABELS perday1 'number of units drunk per day-  
grouped'.
```

```
VALUE LABELS perday1 0'none'  
1'greater than 0, less than 1 unit/day'  
2'1 to under 2 units/day'  
3'2 to under 3 units/day'  
4'3 to under 4 units/day'  
5'4 to under 5 units/day'  
6'5 to under 6 units/day'  
7'6 or more units/day'  
-6'schedule not obtained'  
-9'not answered'.
```

(S) ALCOHOLM: Alcohol consumption per week (men)

Value labels:

1	'Ex-drinker'
2	'Non/occasional drinker'
3	'1-10 units per week'
4	'11-21 units per week'
5	'Over 21 units per week'
-9	'not answered'
-1	'item not applicable'

Notes:

Created in SPSS

Specification:

```
DO IF respsex=1.
RECODE alcbase (2=1) (1 3 4=2) (5 6=3) (7 8=4) (9 THRU
12=5)
(-9=-9) INTO alcoholm .
END IF.

IF respsex = 2 alcoholm = -1 .

VARIABLE LABELS alcoholm 'Alcohol consumption per week (men)'.
VALUE LABELS alcoholm 1 'Ex-drinker'
2 'Non/occasional drinker'
3 '1-10 units per week'
4 '11-21 units per week'
5 'Over 21 units pe r week'
-9 'not answered'
-1 'item not applicable'.

MISSING VALUES alcoholm (-1 -9) .
```

(S) ALCOHOLW: Alcohol consumption per week (women)

Value labels:

1	'Ex-drinker'
2	'Non/occasional drinker'
3	'1-7 units per week'
4	'8-14 units per week'
5	'Over 14 units per week'
-9	'Not answered'
-1	'item not applicable'

Notes:

Created in SPSS

Specification:

```
DO IF respsex=2.  
RECODE alcbase (2=1) (1 3 4=2) (5=3) (6 7=4) (8 THRU 12=5)  
(-9 = -9) INTO alcoholw .  
END IF.
```

```
IF respsex = 1 alcoholw = -1 .
```

```
VARIABLE LABELS alcoholw 'Alcohol consumption per week  
(women)' .
```

```
VALUE LABELS alcoholw 1 'Ex-drinker'  
2 'Non/occasional drinker'  
3 '1-10 units per week'  
4 '11-21 units per week'  
5 'Over 21 units per week'  
-9 'not answered'  
-1 'item not applicable' .
```

```
MISSING VALUES alcoholw (-1 -9) .
```

Smoking

General note:

The following Quantum code was used to convert an equivalent number of cigarettes for anyone who smoked roll-ups (ie code 97 at Dlysmike, Wkndsmok and Numsmok)

Specification

```
/* Compute roll-ups into dlysmoke
  if (dlysmoke.eq.-7.and.rolldly.eq.1)
+ if (gramrol.eq.-8) dlysmoke=-8
+ else; dlysmoke=(gramrol*36.0)/25.0
  if (dlysmoke.eq.-7.and.rolldly.eq.2)
+ if (ouncrol.eq.-8) dlysmoke=-8
+ else; dlysmoke=ouncrol*40.0

/* Compute roll-ups into wkndsmok
  if (wkndsmok.eq.-7.and.rolwknd.eq.1)
+ if (gramwknd.eq.-8) wkndsmok=-8
+ else; wkndsmok=(gramwknd*36.0)/25.0
  if (wkndsmok.eq.-7.and.rolwknd.eq.2)
+ if (ouncwknd.eq.-8) wkndsmok=-8
+ else; wkndsmok=ouncwknd*40.0

/* Compute roll-ups into numsmok
  if (numsmok.eq.-7.and.rolnum.eq.1)
+ numsmok=(gramexs*36.0)/25.0
  if (numsmok.eq.-7.and.rolnum.eq.2)
+ numsmok=ouncexs*40.0
```

(Q) TOTCIGAL: Number of cigarettes smoked in a week

Value Labels:

Continuous variable

- 1 Not applicable
- 6 No self-completion (16-17 yr old)
- 8 Don't know/can't remember
- 9 No answer
- 0 Non-smoker

Notes:

Created in Quantum.

This is a continuous variable and covers the whole sample.

Specification

	TOTCIGAL
Schedule not obtained (16-17 yr olds only) Dsmokig.eq.-6	-6
Not answered Smokever.eq.-9.or.Smokenow.eq.-9.or.Dsmokig.eq.-9. or.Dlysmoke.eq.-9.or.Dlysmoke.eq.-9.or.Wkndsmok.eq.-9. or.Ddlysmok.eq.-9.or.Dwkndsmo.eq.-9)	-9
Non-smoker Smokever.eq.2.or.Smokenow.eq.2.or.Dsmokig.eq.2.or. Dsmokcig.eq.2.or.Dsmnow.eq.2)	0
Don't Know Dlysmoke.eq.-8.or.Wkndsmok.eq.-8	-8
Not applicable Dlysmoke.eq.-1.or.Wkndsmok.eq.-1.or.Ddlysmok.eq.-1. or.Dwkndsmo.eq.-1	-1
For current adult smokers with valid data Smokenow.eq.1.and.Dlysmoke.in.(1:96).and. Wkndsmok.in.(1:96)	(dlysmoke*5)+(wkndsmok*2)
For regular and current 16-17yr old smokers with valid data Dsmnow.eq.1.and.Ddlysmok.in.(00:97).and. Dwkndsmo.in.(00:97)	(ddlysmok*5)+(dwkndsmo*2)

(Q) CIGDYAL: Mean no of cigarettes per day

Value labels:

Continuous variable

- 1 Not applicable
- 9 No answer
- 8 Don't know

Notes:

Created in Quantum.

Continuous variable

Specification

For valid values of TOTCIGAL

Totcigal.gt.0

if (totcigal.eq.0)

For all other values of Totcigal

CIGDYAL

totcigal/7.0

0

Value (totcigal)

(Q)CIGDYALB: Average no. of cigarettes a day, banded from CIGDYAL

Value labels:

- 1 Not a current smoker
- 2 Light smoker, under 10 a day
- 3 Moderate smoker, 10, under 20 a day
- 4 Heavy smoker, 20 or more a day

- 1 Not applicable
- 9 No answer
- 8 Don't know

Notes:

Created in Quantum.

Specification

	CIGDYALB
Not a current smoker Cigdyal.eq.0	1
Light smoker, under 10 a day ((Smokenow.eq.1.or.Dsmnow.eq.1).and.Cigdyal.eq.0).or (Cigdyal.gt.0.and.cigdyal.lt.10.0)	2
Moderate smoker, 10, under 20 a day (Cigdyal.ge.10.0.and.Cigdyal.lt.20.0)	3
Heavy smoker, 20 or more a day Cigdyal.ge.20.0	4
Missing values at Cigdyal Cigdyal.lt.0	Value (Cigdyal)

(Q) CURRENT: Current smoking status

Value labels:

- | | |
|----|--|
| 1 | Current cigarette smoker |
| 2 | Not current cigarette smoker, but smokes pipe/cigar
“current pipe/cigar, not cigarettes” |
| 3 | Not a current CCP smoker at all, but used to smoke cigarettes regularly
“ex-regular cigarettes” |
| 4 | Not a current CCP smoker at all, never smoked cigarettes regularly
“never regular cigarettes” |
| 5 | Never smoked at all |
| -6 | Schedule not obtained |
| -9 | Not answered |

Notes:

Created in Quantum.

Priority coded

Specification

	CURRENT
Schedule not obtained Dsmokig.eq.-6	-6
Current cigarette smoker smokenow.eq.1.or.dsmnow.eq.1	1
Not current cigarette smoker, but smokes pipe/cigar “current pipe/cigar, not cigarettes” pipenow.eq.1.or.cigar.now.eq.1	2
Not a current CCP smoker at all, but used to smoke cigarettes regularly “ex-regular cigarettes” smokereg.eq.1.or.dsmreg.eq.1	3
Not a current CCP smoker at all, never smoked cigarettes regularly “never regular cigarettes” smokecig.eq.2.or.smokereg.in.(2,3).or.dsmreg.in.(2,3).or. dsmokcig.eq.2	4
Never smoked at all smokever.eq.2.or.dsmokig.eq.2	5
Not answered Otherwise	-9

(Q) NEWSMOK: Category of cigarette smoker

Value labels

- 1 Not applicable
- 9 Not answered

- 0 Never smoked at all
- 1 Never regularly smoked cigarettes

- 2 Ex-cigarette smoker: 15+ yrs
- 3 Ex-cigarette smoker: 10 -14 yrs
- 4 Ex-cigarette smoker: 5-9 yrs
- 5 Ex-cigarette smoker: <5yrs
- 6 Ex-cigarette smoker: dk yrs

- 7 Current cigar/pipe smoker, not cigarettes

- 8 Light smoker, 0-9/day
- 9 Moderate smoker, 10-19/day
- 10 Heavy smoker, 20+/day
- 11 Smokes, dk how many/day

Notes:

Created in Quantum.
Priority coded

Specification

	NEWSMOK
Current CCP non-smokers	
Never smoked at all current.eq.5	0
Never regularly smoked cigarettes current.eq.4	1
Current CCP smokers	
Current cigar/pipe smoker, not cigarettes current.eq.2	7
Ex-regular smokers who:	
Stopped 15+ years ago current.eq.3.and.endsmoke.ge.15	2
Stopped 10<15 years ago current.eq.3.and.endsmoke.in.(10:14)	3
Stopped 5<10 years ago current.eq.3.and.endsmoke.in.(5:9)	4

Stopped less than 5 years ago current.eq.3.and.endsmoke.in.(0:4)	5
Stopped, DK how many years ago (nb. 16-17 self-completion doesn't ask when stopped smoking) (current.eq.3.and.endsmoke.le.-8).or. (current.eq.3.and.dsmreg.eq.1)	6
Current cigarette smokers	
Light smoker, 0-9/day current.eq.1.and.cigdyalb.eq.2	8
Moderate smoker, 10-19/day current.eq.1.and.cigdyalb.eq.3	9
Heavy smoker, 20+/day current.eq.1.and.cigdyalb.eq.4	10
Smokes, dk how many/day current.eq.1.and.cigdyalb.le.-8	11
Otherwise, for missing values current.lt.0	Value(Current)

(Q) CIGMK2: Cigarette smoking classification - broad groups

Value labels

- 1 Not applicable
- 9 DK/not answered

- 1 Current cigarette smoker
- 2 Not current cigarette smoker, but used to smoke cigarettes regularly (“ex-regular”)
- 3 Not current cigarette smoker, never smoked cigarettes regularly (“never regular”)

Notes:

Created in Quantum.

Specification

	CIGMK2
Current cigarette smoker smokenow.eq.1.or.dsmnow.eq.1	1
“ex-regular” smokereg.eq.1.or.dsmreg.eq.1	2
“never regular” smokever.eq.2.or.dsmokig.eq.2.or.smokecig.eq.2. or.dsmokcig.eq.2.or.smokereg.in.(2,3).or.dsmreg.in.(2,3)	3
DK/not answered current.lt.0	Value (Current)

(Q) WHENPREG: Smoked when pregnant

Value labels:

- 1 Yes, all the time
- 2 Yes, some of the time
- 3 No, not at all

Notes:

Created in Quantum.

Specification

	WHENPREG
Yes, all the time smokeprg.eq.1.or.pregsmok.eq.1	1
Yes, some of the time smokeprg.eq.2.or.pregsmok.eq.2	2
No, not at all smokeprg.eq.3.or.pregsmok.eq.3	3

(S) CIGAMNT: Number of cigarettes smoked per day

Value Labels:

- 1 '0, less than 1 cigs per day'
- 2 '1, less than 5 cigs per day'
- 3 '5, less than 10 cigs per day'
- 4 '10, less than 20 cigs per day'
- 5 '20 cigs per day'
- 6 '21, less than 30 cigs per day'
- 7 '30 or more cigs per day'
- 6 'schedule not obtained'
- 8 'don't know'
- 9 'not answered'

Notes:

Created in SPSS

Specification:

MISSING VALUES cigdyl () .

```
IF ((cigdyl ge 0) and (cigdyl < 1)) cigamnt = 1.
IF ((cigdyl ge 1) and (cigdyl < 5)) cigamnt = 2.
IF ((cigdyl ge 5) and (cigdyl < 10)) cigamnt = 3.
IF ((cigdyl ge 10) and (cigdyl < 20)) cigamnt = 4.
IF (cigdyl = 20) cigamnt = 5.
IF ((cigdyl > 20) and (cigdyl < 30)) cigamnt = 6.
IF (cigdyl ge 30) cigamnt = 7.
IF (cigdyl = -9) cigamnt = -9 .
IF (cigdyl = -8) cigamnt = -8 .
IF (cigdyl = -6) cigamnt = -6 .
EXECUTE .
```

MISSING VALUES cigdyl cigamnt (-9 thru -1).

VARIABLE LABELS cigamnt 'no of cigs smoked/day'.

```
VALUE LABELS cigamnt 1 '0, less than 1 cigs per day'
                   2 '1, less than 5 cigs per day'
                   3 '5, less than 10 cigs per day'
                   4 '10, less than 20 cigs per day'
                   5 '20 cigs per day'
                   6 '21, less than 30 cigs per day'
                   7 '30 or more cigs per day'
                   -9 'not answered'
                   -8 'dont know'
                   -6 'schedule not obtained' .
```

(S) COTSMGP: Cotinine levels in small groups

Value Labels:

1	'0 - 0.5 ng/ml'
2	'0.6 - 1.5 ng/ml'
3	'1.6 - 7.9 ng/ml'
4	'8 - 19.9 ng/ml'
5	'20 - 149.9 ng/ml'
6	'150 - 249.9 ng/ml'
7	'250 - 349.9 ng/ml'
8	'350 or more ng/ml'
-1	'Item not applicable'
-9	'could not be analysed'

Notes:

Created in SPSS

Specification:

```
MISSING VALUES cotnval ( ) .
```

```
IF ((cotnval ge 0) and (cotnval le 0.5)) cotsmgrp = 1.  
IF ((cotnval ge 0.6) and (cotnval le 1.5)) cotsmgrp = 2.  
IF ((cotnval ge 1.6) and (cotnval le 7.9)) cotsmgrp = 3.  
IF ((cotnval ge 8) and (cotnval le 19.9)) cotsmgrp = 4.  
IF ((cotnval ge 20) and (cotnval le 149.9)) cotsmgrp = 5.  
IF ((cotnval ge 150) and (cotnval le 249.9)) cotsmgrp = 6.  
IF ((cotnval ge 250) and (cotnval le 349.9)) cotsmgrp = 7.  
IF (cotnval ge 350) cotsmgrp = 8.  
IF (cotnval = -9) cotsmgrp = -9.  
IF (cotnval = -1) cotsmgrp = -1.
```

```
EXECUTE .
```

```
MISSING VALUES cotnval cotsmgrp (-9 thru -1).
```

```
VARIABLE LABELS cotsmgrp 'Cotinine levels in small groups'.
```

```
VALUE LABELS cotsmgrp 1 '0 - 0.5 ng/ml'  
2 '0.6 - 1.5 ng/ml'  
3 '1.6 - 7.9 ng/ml'  
4 '8 - 19.9 ng/ml'  
5 '20 - 149.9 ng/ml'  
6 '150 - 249.9 ng/ml'  
7 '250 - 349.9 ng/ml'  
8 '350 or more ng/ml'  
-9 'could not be analysed'  
-1 'item not applicable'.
```

(S) COTNGP: Cotinine levels grouped

Value Labels:

1 '20ng/ml and over'
2 '8<20ng/ml'
3 '<8ng/ml'
-1 'item not applicable'
-9 'could not be analysed'

Notes:

Created in SPSS

Specification:

```
MISSING VALUES cotnval ( ) .
```

```
IF (cotnval ge 20) cotngp = 1.
```

```
IF ((cotnval ge 8) and (cotnval < 20)) cotngp = 2.
```

```
IF ((cotnval ge 0) and (cotnval < 8)) cotngp = 3.
```

```
EXECUTE .
```

```
MISSING VALUES cotnval cotngp (-9 thru -1).
```

```
VARIABLE LABELS cotngp 'Cotinine levels grouped'.
```

```
VALUE LABELS cotngp 1 '20ng/ml and over'  
2 '8<20ng/ml'  
3 '<8ng/ml'  
-1 'item not applicable'  
-9 'could not be analysed'.
```

(S) STARTGP: Age started smoking

Value Labels:

1	'0 - 9 years'
2	'10 - 11 years'
3	'12 -13 years'
4	'14 - 15 years'
5	'16 - 17 years'
6	'18 - 19 years'
7	'20 - 24 years'
8	'25 - 29 years'
9	'30 or more years old'
-8	'don't know'
-7	'never regularly smoked'
-1	'item not applicable'

Notes:

Created in SPSS

Specification:

```
MISSING VALUES startsmk (.).
IF ((startsmk le 9) and (startsmk ge 0)) startgp = 1.
IF ((startsmk = 10) or (startsmk = 11)) startgp = 2.
IF ((startsmk = 12) or (startsmk = 13)) startgp = 3.
IF ((startsmk = 14) or (startsmk = 15)) startgp = 4.
IF ((startsmk = 16) or (startsmk = 17)) startgp = 5.
IF ((startsmk = 18) or (startsmk = 19)) startgp = 6.
IF ((startsmk ge 20) and (startsmk le 24)) startgp = 7.
IF ((startsmk ge 25) and (startsmk le 29)) startgp = 8.
IF (startsmk ge 30) startgp = 9.
IF (startsmk = -8) startgp = -8.
IF (startsmk = -7) startgp = -7.
IF (startsmk = -1) startgp = -1.
EXECUTE .
MISSING VALUES startsmk startgp (-9 thru -1).
VARIABLE LABELS startgp 'Age started smoking'.
VALUE LABELS startgp 1 '0 - 9 yrs'
                2 '10 - 11 yrs'
                3 '12 -13 yrs'
                4 '14 - 15 yrs'
                5 '16 - 17 yrs'
                6 '18 - 19 yrs'
                7 '20 - 24 yrs'
                8 '25 - 29 yrs'
                9 '30 or more yrs old'
                -1 'item not applicable'
                -7 'never regularly smoked'
                -8 'dont know' .
```

(S) MISREP: Misreported informants

Value Labels:

1 'misreporter'
2 'not'
-9 'not answered'
-6 'schedule not obtained'
-1 'item not applicable'

Notes:

Created in SPSS

Identifying those who 'misreported' ie reported that they were neither cigarette nor pipe smokers but had cotinine levels greater than 20 ng/ml.

Specification:

```
MISSING VALUES cotngp current ( ) .

COMPUTE misrep = 2.
IF ((cotngp=1)and((current=3)or(current=4)or(current=5)))
misrep=1.
IF (current = -6) misrep = -6.
EXECUTE .

MISSING VALUES cothgp current misrep ( -9 thru -1) .

VARIABLE LABELS misrep 'Misreported informant'.

VALUE LABELS misrep      1 'misreporter'
                        2 'not'
                       -9 'not answered'
                       -6 'schedule not obtained'
                       -1 'item not applicable'.
```

(S) ATHOME: Exposed to smoke at home

Value Labels:

1 'Yes'
2 'No'
-1 'item not applicable'

Notes:

Created in SPSS

Specification:

```
COMPUTE athome = 2.  
If ((passive1=1) or (passive2=1) or (passive3=1) or  
(passive4=1) or (passive5=1)) or ((nosmoke1=1) or (nosmoke2=1)  
or (nosmoke3=1) or (nosmoke4=1) or (nosmoke5=1) or  
(nosmoke6=1)) athome=1.  
if missing (passive1) and missing (nosmoke1) athome = -1.  
missing values athome (-1).
```

```
VARIABLE LABELS athome 'Exposed to smoke in own home'.
```

```
VALUE LABELS athome 1 'yes'  
2 'no'  
-1 'item not applicable'.
```

(S) ATWORK: Exposed to smoke at work

Value Labels:

1 'Yes'
2 'No'
-1 'item not applicable'

Notes:

Created in SPSS

Specification:

```
COMPUTE atwork = 2.  
If ((passive1=2) or (passive2=2) or (passive3=2) or  
(passive4=2) or (passive5=2)) or ((nosmoke1=2) or (nosmoke2=2)  
or (nosmoke3=2) or (nosmoke4=2) or (nosmoke5=2) or  
(nosmoke6=2)) atwork = 1.  
if missing (passive1) and missing (nosmoke1) atwork = -1.  
missing values atwork (-1).
```

```
VARIABLE LABELS atwork 'Exposed to smoke at work'.
```

```
VALUE LABELS atwork 1 'yes'  
2 'no'  
-1 'item not applicable'.
```

(S) ATOTHE: Exposed to smoke in other peoples' homes

Value Labels:

1 'Yes'
2 'No'
-1 'item not applicable'

Notes:

Created in SPSS

Specification:

```
COMPUTE atothe = 2.  
If ((passive1=3) or (passive2=3) or (passive3=3) or  
(passive4=3) or (passive5=3)) or ((nosmoke1=3) or (nosmoke2=3)  
or (nosmoke3=3) or (nosmoke4=3) or (nosmoke5=3) or  
(nosmoke6=3)) atothe = 1.  
if missing (passive1) and missing (nosmoke1) atothe = -1.  
missing values atothe (-1).
```

```
VARIABLE LABELS atothe 'Exposed to smoke in other peoples  
homes'.
```

```
VALUE LABELS atothe 1 'yes'  
2 'no'  
-1 'item not applicable'.
```

(S) ATTRANS: Exposed to smoke on public transport

Value Labels:

1 'Yes'
2 'No'
-1 'item not applicable'

Notes:

Created in SPSS

Specification:

COMPUTE attrans = 2.

If ((passive1=4) or (passive2=4) or (passive3=4) or
(passive4=4) or (passive5=4)) or ((nosmoke1=4) or (nosmoke2=4)
or (nosmoke3=4) or (nosmoke4=4) or (nosmoke5=4) or
(nosmoke6=4)) attrans = 1.

if missing (passive1) and missing (nosmoke1) attrans = -1.
missing values attrans (-1).

VARIABLE LABELS attrans 'Exposed to smoke on public transport'.

VALUE LABELS attrans 1 'yes'
2 'no'
-1 'item not applicable'.

(S) ATPUB: Exposed to smoke in pubs

Value Labels:

1 'Yes'
2 'No'
-1 'item not applicable'

Notes:

Created in SPSS

Specification:

```
COMPUTE atpub = 2.  
If ((passive1=5) or (passive2=5) or (passive3=5) or  
(passive4=5) or (passive5=5)) or ((nosmoke1=5) or (nosmoke2=5)  
or (nosmoke3=5) or (nosmoke4=5) or (nosmoke5=5) or  
(nosmoke6=5))atpub = 1.  
if missing (passive1) and missing (nosmoke1) atpub = -1.  
missing values atpub (-1).
```

```
VARIABLE LABELS atpub 'Exposed to smoke in pubs'.
```

```
VALUE LABELS atpub      1 'yes'  
                        2 'no'  
                       -1 'item not applicable'.
```

(S) ATPP: Exposed to smoke in other public places

Value Labels:

1 'Yes'
2 'No'
-1 'item not applicable'

Notes:

Created in SPSS

Specification:

```
COMPUTE atpp = 2.  
If ((passive1=6) or (passive2=6) or (passive3=6) or  
(passive4=6) or (passive5=6)) or ((nosmoke1=6) or (nosmoke2=6)  
or (nosmoke3=6) or (nosmoke4=6) or (nosmoke5=6) or  
(nosmoke6=6)) atpp = 1.  
if missing (passive1) and missing (nosmoke1) atpp = -1.  
missing values atpp (-1).
```

```
VARIABLE LABELS atpp 'Exposed to smoke in pubs'.
```

```
VALUE LABELS atpp  
1 'yes'  
2 'no'  
-1 'item not applicable'.
```

(S) ATNONE: No exposure to passive smoking

Value Labels:

1 'Yes'
2 'No'
-1 'item not applicable'

Notes:

Created in SPSS

Specification:

```
COMPUTE atnone = 2.  
If ((passive1=7) or (passive2=7) or (passive3=7) or  
(passive4=7) or (passive5=7)) or ((nosmoke1=7) or (nosmoke2=7)  
or (nosmoke3=7) or (nosmoke4=7) or (nosmoke5=7) or  
(nosmoke6=7)) atnone = 1.  
if missing (passive1) and missing (nosmoke1) atnone = -1.  
missing values atnone (-1).
```

```
VARIABLE LABELS atnone 'Not exposed to smoke in any of these  
places'.
```

```
VALUE LABELS atnone 1 'yes'  
2 'no'  
-1 'item not applicable'.
```

(S) STOPSMK: How long ago stopped smoking regularly

Value Labels:

1	'Less than 6 months ago'
2	'6 months, less than 1 year ago'
3	'1 year, less than 2 years ago'
4	'2 years, less than 5 years ago'
5	'5 years, less than 10 years ago'
6	'10 or more years ago'
-1	'item not applicable'
-8	'don't know'
-9	'not answered'

Notes:

Created in SPSS

Specification:

MISSING VALUES endsmoke longend ().

```
IF (longend= 1) stopsmk = 1.
IF (longend= 2) stopsmk = 2.
IF ((endsmoke ge 1) and (endsmoke < 2)) stopsmk = 3.
IF ((endsmoke ge 2) and (endsmoke < 5)) stopsmk = 4.
IF ((endsmoke ge 5) and (endsmoke < 10)) stopsmk = 5.
IF (endsmoke ge 10) = 6.
IF (endsmoke = -1) stopsmk = -1.
IF (endsmoke = -8) stopsmk = -8.
IF (endsmoke = -9) stopsmk = -9.
IF (longend = -8) stopsmk = -8 .
EXECUTE .
```

MISSING VALUES endsmoke longend stopsmk (-9 thru -1).

VARIABLE LABELS stopsmk 'How long ago stopped regular smoking'.

```
VALUE LABELS stopsmk 1 'Less than 6 months ago'
2 '6 months, less than 1 year ago'
3 '1 year, less than 2 years ago'
4 '2 years, less than 5 years ago'
5 '5 years, less than 10 years ago'
6 '10 or more years ago'
-1 'item not applicable'
-8 'dont know'
-9 'not answered'.
```

(S) HEALTH1: Stopped smoking because of cardiovascular condition

Value Labels:

1 'Yes'
2 'No'
-1 'item not applicable'
-8 'don't know'

Notes:

Created in SPSS

Specification:

MISSING VALUES smkcon01 ().

COMPUTE health1 = 2.

IF ((smkcon01=1) or (smkcon01=2) or (smkcon02=1) or (smkcon02=2) or
(smkcon03=1) or (smkcon03=2) or (smkcon04=1) or (smkcon04=2) or
(smkcon05=1) or (smkcon05=2) or (smkcon06=1) or (smkcon06=2) or
(smkcon07=1) or (smkcon07=2) or (smkcon08=1) or (smkcon08=2))

health1 = 1.

IF (smkcon01 = -1) health1 = -1.

IF (smkcon01 = -8) health1 = -8.

EXECUTE .

MISSING VALUES smlcon01 health1 (-9 thru -1).

VARIABLE LABELS health1 'Stopped smoking because of cardiovascular condition'.

VALUE LABELS health1 1 'yes'
2 'no'
-1 'item not applicable'
-8 'don't know'.

(S) HEALTH2: Stopped smoking because of cancer

Value Labels:

1 'Yes'
2 'No'
-1 'item not applicable'
-8 'don't know'

Notes:

Created in SPSS

Specification:

MISSING VALUES smkcon01 ().

COMPUTE health2 = 2.

IF ((smkcon01=3) or (smkcon02=3) or (smkcon03=3) or (smkcon04=3) or
(smkcon05=3) or (smkcon06=3) or (smkcon07=3) or (smkcon08=3))

health2 = 1.

IF (smkcon01 = -1) health2 = -1.

IF (smkcon01 = -8) health2 = -8.

EXECUTE .

MISSING VALUES smkcon01 health2 (-9 thru -1).

VARIABLE LABELS health2 'Stopped smoking because of cancer'.

VALUE LABELS health2 1 'yes'
 2 'no'
 -1 'item not applicable'
 -8 'don't know'.

(S) HEALTH3: Stopped smoking because of respiratory problems

Value Labels:

1 'Yes'
2 'No'
-1 'item not applicable'
-8 'don't know'

Notes:

Created in SPSS

Specification:

MISSING VALUES smkcon01 () .

COMPUTE health3 = 2.

IF ((smkcon01=4) or (smkcon01=5) or (smkcon01=6) or
(smkcon01=7) or

(smkcon02=4) or (smkcon02=5) or (smkcon02=6) or (smkcon02=7) or

(smkcon03=4) or (smkcon03=5) or (smkcon03=6) or (smkcon03=7) or

(smkcon04=4) or (smkcon04=5) or (smkcon04=6) or (smkcon04=7) or

(smkcon05=4) or (smkcon05=5) or (smkcon05=6) or (smkcon05=7) or

(smkcon06=4) or (smkcon06=5) or (smkcon06=6) or (smkcon06=7) or

(smkcon07=4) or (smkcon07=5) or (smkcon07=6) or (smkcon07=7) or

(smkcon08=4) or (smkcon08=5) or (smkcon08=6) or (smkcon08=7))

health3 = 1.

IF (smkcon01 = -1) health3 = -1.

IF (smkcon01 = -8) health3 = -8.

EXECUTE .

MISSING VALUES smkcon01 health3 (-9 thru -1).

VARIABLE LABELS health3 'Stopped smoking because of respiratory
problems'.

VALUE LABELS health3 1 'yes'
 2 'no'
 -1 'item not applicable'
 -8 'don't know'.

(S) HEALTH4: Stopped smoking because of cold, flu, virus

Value Labels:

1 'Yes'
2 'No'
-1 'item not applicable'
-8 'don't know'

Notes:

Created in SPSS

Specification:

MISSING VALUES smkcon01 ().

COMPUTE health4 = 2.

IF ((smkcon01=8) or (smkcon02=8) or (smkcon03=8) or
(smkcon04=8) or (smkcon05=8) or (smkcon06=8) or (smkcon07=8) or
(smkcon08=8)) health4 = 1.

IF (smkcon01 = -1) health4 = -1.

IF (smkcon01 = -8) health4 = -8.

EXECUTE .

MISSING VALUES smkcon01 health4 (-9 thru -1).

VARIABLE LABELS health4 'Stopped smoking because of cold, flu,
virus'.

VALUE LABELS health4 1 'yes'
 2 'no'
 -1 'item not applicable'
 -8 'don't know'.

(S) HEALTH5: Stopped smoking for other health reasons

Value Labels:

1 'Yes'
2 'No'
-1 'item not applicable'
-8 'don't know'

Notes:

Created in SPSS

Specification:

MISSING VALUES smkcon01 ().

COMPUTE health5 = 2.

If ((smkcon01=10) or (smkcon01=11) or (smkcon01=12) or
(smkcon01=13) or
(smkcon02=10) or (smkcon02=11) or (smkcon02=12) or
(smkcon02=13) or
(smkcon03=10) or (smkcon03=11) or (smkcon03=12) or
(smkcon03=13) or
(smkcon04=10) or (smkcon04=11) or (smkcon04=12) or
(smkcon04=13) or
(smkcon05=10) or (smkcon05=11) or (smkcon05=12) or
(smkcon05=13) or
(smkcon06=10) or (smkcon06=11) or (smkcon06=12) or
(smkcon06=13) or
(smkcon07=10) or (smkcon07=11) or (smkcon07=12) or
(smkcon07=13) or
(smkcon08=10) or (smkcon08=11) or (smkcon08=12) or
(smkcon08=13))

health5 = 1.

IF (smkcon01 = -1) health5 = -1.

IF (smkcon01 = -8) health5 = -8.

EXECUTE .

MISSING VALUES smkcon01 health5 (-9 thru -1).

VARIABLE LABELS health5 'Stopped smoking for other health reasons'.

VALUE LABELS health5 1 'yes'
2 'no'
-1 'item not applicable'
-8 'don't know'.

(S) HEALTH6: Stopped smoking because of pregnancy

Value Labels:

1 'Yes'
2 'No'
-1 'item not applicable'
-8 'don't know'

Notes:

Created in SPSS

Specification:

MISSING VALUES smkcon01 () .

COMPUTE health6 = 2.

If ((smkcon01=9) or (smkcon02=9) or (smkcon03=9) or (smkcon04=9) or
(smkcon05=9) or (smkcon06=9) or (smkcon07=9) or (smkcon08=9)) health6
= 1.

IF(smkcon01 = -1) health6 = -1.

IF(smkcon01 = -8) health6 = -8.

EXECUTE .

MISSING VALUES smkcon01 health6 (-9 thru -1).

VARIABLE LABELS health6 'Stopped smoking because of pregnancy'.

VALUE LABELS health6 1 'yes'
 2 'no'
 -1 'item not applicable'
 -8 'don't know'.

(S) FAGSTA: Cigarette smoking status

Value labels:

1	'Never regularly smoked'
2	'Ex-regular smoker'
3	'Less than 20 a day'
4	'20 or more a day'
-8	'Don't know number smoked'
-9	'No answer'
-6	'Schedule not obtained'

Notes:

Created in SPSS

Specification:

```
MISSING VALUES cigdyalb ( ).
```

```
IF (cigmk2=3) fagsta = 1 .  
IF (cigmk2=2) fagsta =2.  
IF (cigdyalb=2 or cigdyalb =3) fagsta =3.  
IF (cigdyalb=4) fagsta =4.  
IF (cigdyalb= -8) fagsta = -8.  
IF (cigdyalb= -9) fagsta = -9.  
IF (cigdyalb= -6) fagsta = -6.  
EXECUTE.
```

```
MISSING VALUES fagsta (-6 -8 -9).
```

```
VARIABLE LABELS fagsta 'Cigarette smoking status'.  
VALUE LABELS fagsta 1 'Never regularly smoked'  
2 'Ex-regular smoker'  
3 'Less than 20 a day'  
4 '20 or more a day'  
-8 'Don't know number smoked'  
-9 'No answer'  
-6 'Schedule not obtained'.
```

Parental History

(Q) PADEAD: Whether father died of CVD

Variable name: PADEAD

Variable label: Whether father died of CVD

Value labels:

-1	Not applicable
-9	No answer
1	High bp
2	Angina
3	Heart attack
4	Stroke
5	Other heart
6	Diabetes
7	None of above
8	Not known
9	Alive
10	DK if alive

Notes:

Created in Quantum.

Health Survey for England 1994 has an explicit DK code (8). Health Survey for Scotland does not.

Specification

	PADEAD
HOWDAD.in.(1:7)	Value(HowDad)
Not known HOWDAD.eq.-8	8
Alive NatDad.eq.1.or.DadAlive.eq.1	9
DK if alive NatDad.eq.-8.or.DadAlive.eq.-8	10
Not answered All other cases	-9

(Q) MADEAD: Whether mother died of CVD

Variable name: MADEAD

Variable label: Whether mother died of CVD

Value labels:

-1	Not applicable
-9	No answer
1	High bp
2	Angina
3	Heart attack
4	Stroke
5	Other heart
6	Diabetes
7	None of above
8	Not known
9	Alive
10	DK if alive

Notes:

Created in Quantum.

See 'Notes' for PADEAD

Specification

	MADEAD
HowMum.in.(1:7)	Value(HowMum)
Not known HOWMUM.eq.-8	8
Alive NatMum.eq.1.or.MumAlive.eq.1	9
DK if alive NatMum.eq.-8.or.MumAlive.eq.-8	10
Not answered All other cases	-9

(Q) MPDEAD: Parental death from CVD

Variable name: MPDEAD

Variable label: Mother/Father died from CVD

Value labels:

- 1 Not applicable
- 9 No answer
- 1 both cvd <65
- 2 1 cvd <65
- 3 both cvd 65+,dk age
- 4 1 cvd 65+,dk age
- 5 both died noncvd
- 6 1 died noncvd
- 7 both alive
- 8 1 alive

Notes:

Created in Quantum. Recode of MADEAD and PADEAD. Priority Code
Specification

	MPDEAD
Not applicable - incl dk if alive MADEAD.in.(10,-9).or.PADEAD.in.(10,-9)	-9
Both cvd < 65 (MADEAD.in.(0:6).and.DieMum.in.(30:64)) and.(PADEAD.in.(0:6).and.DieDad.in.(30:64))	1
1 cvd < 65 (MADEAD.in.(0:6).and.DieMum.in.(30:64)) or.(PADEAD.in.(0:6).and.DieDad.in.(30:64))	2
Both cvd 65+ or dk age MADEAD.in.(0:6).and.PADEAD.in.(0:6)	3
1 cvd 65+ or dk age MADEAD.in.(0:6).or.PADEAD.in.(0:6).	4
Both died noncvd MADEAD.in.(7,8).and.PADEAD.in.(7,8)	5
If not code 5 then 1 died noncvd MADEAD.in.(7,8).or.PADEAD.in.(7,8)	6
Both alive MADEAD.eq.9.and.PADEAD.eq.9	7
1 alive MADEAD.eq.9.or.PADEAD.eq.9	8

(Q) PARENGRP: Regroup of MPdead

Variable name: PARENGRP

Variable label: Regroup of PARDEAD

Value labels:

- 1 Not applicable
- 9 No answer

- 1 1+ died <65 CVD
- 2 1+ died 65+ CVD
- 3 1+ died noncvd
- 4 Both alive

Notes:

Created in Quantum.

Specification

	PARENGRP
1+ died <65 CVD MPDEAD.in.(1,2)	1
1+ died 65+ CVD MPDEAD.in.(3,4)	2
1+ died noncvd MPDEAD.in.(5,6)	3
Both alive MPDEAD.eq.7	4
No answer MPDEAD.eq.-9	-9
Not applicable MPDEAD.eq.-1	-1

Psychosocial Measures

(Q) GHQ12SCR: GHQ Score - 12 point

Variable name: GHQ12SCR

Variable label: GHQ Score - 12 point

Value labels:

-6 Schedule not obtained

-9 Not answered

0 0

1 1

2 2

3 3

4 4

5 5

6 6

7 7

8 8

9 9

10 10

11 11

12 12

Notes:

Created in Quantum.

Specification:

GHQ12SCR

Not applicable - no self completion

Scomp3.eq.2

-6

Not answered

Any of (CONCENT, SLEEP, USEFUL, DECISION, STRAIN, OVERCOME, ENJOY, FACE, UNHAPPY, CONFID, WORTH, HAPPY).eq.-9

-9

Calculation: Initially set GHQ12SCR =

0

CONCENT.in.(3,4)

GHQ12SCR+1

SLEEP.in.(3,4)

GHQ12SCR+1

USEFUL.in.(3,4)

GHQ12SCR+1

DECISION.in.(3,4)

GHQ12SCR+1

STRAIN.in.(3,4)

GHQ12SCR+1

OVERCOME.in.(3,4)

GHQ12SCR+1

ENJOY.in.(3,4)

GHQ12SCR+1

FACE.in.(3,4)

GHQ12SCR+1

UNHAPPY.in.(3,4)

GHQ12SCR+1

CONFID.in.(3,4)
WORTH.in.(3,4)
HAPPY.in.(3,4)

GHQ12SCR+1
GHQ12SCR+1
GHQ12SCR+1

(Q) GHQ1: GHQ score - grouped

Variable name: GHQ1

Variable label: GHQ score grouped

Value labels:

-6 Schedule not obtained

-9 Not answered

0 0

1 1

2 2

3 3

4 4

5 5

6 6,7

7 8-12

Notes:

Created in Quantum

Recode of GHQ12SCR

Specification:

	GHQ1
Not answered	
GHQ12SCR.eq.-9	-9

Calculation:

For GHQ12SCR.in.(0:5)	GHQ12SCR
6 or 7	
GHQ12SCR.in.(6,7)	6
8-12	
GHQ12SCR.in.(8:12)	7

(Q) GHQ2: GHQ12 score, grouped (3)

Variable name: GHQ2

Variable label: GHQ12 score, grouped (3)

Value labels:

-6 Schedule not obtained

-9 Not answered

1 0

2 1-3

3 4 or more

Notes:

Created in Quantum.

Specification:

	GHQG2
Not answered GHQ12SCR.eq.-9	-9
Zero GHQ12SCR.eq.0	1
1-3 GHQ12SCR.in.(1:3)	2
4+ GHQ12SCR.in.(4:12)	3

Accidents

(Q) CAUSE01-09: What caused the accident

Variable name: CAUSE01-09

Variable label: What caused the accident

Value labels:

- | | |
|----|------------------------------|
| -1 | Not applicable (no accident) |
| -9 | Not answered |
| 1 | Falling object |
| 2 | Fall,slip,trip |
| 3 | Road traffic accident |
| 4 | Sports accident |
| 5 | Equipment, tool |
| 6 | Burn,scald |
| 7 | Animal/insect bite/sting |
| 8 | Another person |
| 9 | Lifting |

Notes:

Created in Quantum.

AxCaus is a multi-coded question in CAPI. Derived variables are set up as dichotomous dummy variables corresponding to the 9 different causes (CAUSE01-09).

Specification

Falling object AxCause.eq.01	CAUSE01=1
Fall,slip,trip AxCause.eq.02	CAUSE02=1
Road traffic accident AxCause.eq.03	CAUSE03=1
Sports accident AxCause.eq.04	CAUSE04=1
Equipment,tool AxCause.eq.05	CAUSE05=1
Burn,scald AxCause.eq.06	CAUSE06=1
Animal/insect bite/sting	

AxCause.eq.07

CAUSE07=1

Another person
AxCause.eq.08

CAUSE08=1

Lifting
AxCause.eq.10

CAUSE09=1

(Q) INJURY01-12: What caused the accident

Variable name: Injury00-12

Variable label: What caused the accident

Value labels:

-1	Not applicable (no accident)
-9	Not answered
1	broken bones
2	dislocated joints
3	unconsciousness
4	strain,twist body
5	cut,graze
6	bruise,pinch
7	swelling,tenderness
8	object stuck in body
9	burn,scald
10	poisoning
11	internal injury
12	animal/insect bite/sting

Notes:

Created in Quantum.

DrInj is a multi-coded question in CAPI. Derived variables are set up as dichotomous dummy variables corresponding to the 12 different types of injury (INJURY01-12).

Specification

Broken bones

DrInj.eq.01

INJURY01=1

dislocated joints

DrInj.eq.02

INJURY02=1

unconsciousness

DrInj.eq.03

INJURY03=1

strain,twist body

DrInj.eq.04

INJURY04=1

cut,graze

DrInj.eq.05

INJURY05=1

bruise,pinch

DrInj.eq.06

INJURY06=1

swelling,tenderness

DrInj.eq.07

INJURY07=1

object stuck in body DrInj.eq.08	INJURY08=1
burn,scald DrInj.eq.09	INJURY09=1
poisoning DrInj.eq.10	INJURY10=1
internal injury DrInj.eq.11	INJURY11=1
animal/insect bite/sting DrInj.eq.12	INJURY12=1

(Q) AID001-11: Who helped/gave advice about the injury

Variable name: AID01-11

Variable label: Who helped/gave advice about the injury

Value labels:

-1	Not applicable (no accident)
-9	Not answered
1	Hospital
2	GP/family doctor
3	Nurse at GP surgery
4	Workplace/school nurse
5	Workplace/school doctor
6	other doctor/nurse
7	Ambulance staff
8	Volunteer first aider
9	Chemist, pharmacist
10	Family, friends, passers-by
11	Looked after self
12	Other person(s)

Notes:

DrAid is a multi-coded question in CAPI. Derived variables are set up as dichotomous dummy variables corresponding to the 12 different categories of help received (AID01-11).

Specification

Hospital DrAid.eq.1	AID01=1
GP/family doctor DrAid.eq.2	AID02=1
Nurse at GP surgery DrAid.eq.3	AID03=1
Workplace/school nurse DrAid.eq.4	AID04=1
Workplace/school doctor DrAid.eq.5	AID05=1
other doctor/nurse DrAid.eq.6	AID06=1
Ambulance staff	

DrAid.eq.7	AID07=1
Volunteer first aider DrAid.eq.8	AID08=1
Chemist,pharmacist DrAid.eq.9	AID09=1
Family,friends,passers-by DrAid.eq.10	AID10=1
Looked after self DrAid.eq.11	AID11=1

(S) ACC: *Annual major accident rate per 100 persons*

Value Labels:

None

Notes:

Created in SPSS

Specification:

```
COMPUTE acc=0.
```

```
IF RANGE(ndracc,1,6) acc=ndracc*100.
```

```
IF ndracc gt 6 acc=600.
```

```
VARIABLE LABELS acc 'Annual major accident rate per 100  
persons'.
```

(S) WORKACC: Accident rate for work

Value Labels:

None

Notes:

Created in SPSS

Specification:

```
COMPUTE workacc=0.  
DO IF drjob=1 and drwrk=1.  
IF ndracc le 6 workacc=ndracc*100.  
IF ndracc gt 6 workacc=600.  
END IF.  
  
VARIABLE LABELS WORKACC 'Accident rate for work'.
```

(S) PLAYACC: Accident rate for non-work accidents

Value Labels:

None

Notes:

Created in SPSS

Specification:

```
COMPUTE playacc=0.  
DO IF drjob=2 OR (drjob=1 and drwrk=2).  
IF ndracc le 6 playacc=ndracc*100.  
IF ndracc gt 6 playacc=600.  
END IF.
```

```
VARIABLE LABELS playacc 'Accident rate for non-work accidents'.
```

(S) ACC1: Weight for tables with "accident" as the base

Value Labels:

None

Notes:

Created in SPSS

Specification:

```
COMPUTE acc1=0.  
IF RANGE(ndracc,1,6) acc1=ndracc.  
IF ndracc gt 6 acc1=6.  
COMPUTE wtacc=acc1*weighta.
```

```
VARIABLE LABELS acc1 'Weight for tables with "accident" as the  
base'.
```

(S) WHERE: Location of accident

Value Labels:

- 1 'home/garden'
- 2 'place for sports'
- 3 'other outdoors'
- 4 'workplace/pb'

Notes:

Created in SPSS

Specification:

```
RECODE drwyr(3=1)(4=2)(0,1,2,8=3)(5,6,7=4) INTO where.
```

```
VARIABLE LABEL where 'location of accident' .
```

```
VALUE LABELS where      1 'home/garden'  
                        2 'place for sports'  
                        3 'other outdoors'  
                        4 'workplace/pb'.
```

(S) ADVICE: Who consulted about accident

Value Labels:

1 'hospital only'
2 'gp only'
3 'both'
4 'other'

Notes:

Created in SPSS

Specification:

```
COUNT gp=aid02 aid03(1).  
COMPUTE advice=0.  
DO IF dracc=1.  
DO IF aid01=1 and gp=0.  
COMPUTE advice=1.  
ELSE IF aid01=0 and gp ge 1.  
COMPUTE advice=2.  
ELSE IF aid01=1 and gp ge 1.  
COMPUTE advice=3.  
ELSE IF draid01 ge 1.  
COMPUTE advice=4.  
ELSE.  
COMPUTE advice=5.  
END IF.  
END IF.  
  
VARIABLE LABEL advice 'Who consulted about accident' .  
VALUE LABELS advice 1 'hospital only'  
2 'gp only'  
3 'both'  
4 'other'.
```

Medication and Contraceptive Pill Use

(Q) POSTMEN1: Whether postmenstrual

Variable name: POSTMEN1

Variable label: Whether postmenstrual

Value labels:

1	Still has periods
2	No periods, 50+
3	No per <50, op
4	No per 40s,no op
5	No per <40,no op
6	Women dk if periods
-9	Not answered
-1	Not applicable: Male

Notes:

Created in Quantum.

Assumes anyone 50+ without periods is postmenopausal and that anyone with no period and 1/2 ovaries removed is postmenopausal. Leaves option to count as menopausal people age 40-49 with no periods and no operation to remove periods.

Specification:

For RESPSEX.eq.2	POSTMEN1
Still has periods STMENST.eq.1 or STMENST.eq.3	1
No Periods, 50+ STMENST.eq.2.and.RESPAGE.in.(50:97)	2
No periods, <50, operation STMENST.eq.2.and.OVARREM.eq.1	3
No periods, 40s, no operation STMENST.eq.2.and.RESPAGE.in.(40:49)	4
No periods <40, no operation STMENST.eq.2.and.RESPAGE.in.(16:39)	5
Women dk period SCARR.lt.0	6
Not answered STMENST.eq.-9.or.OVARREM.eq.-9.or. STPERID.eq.-9	-9

Not applicable: Male
RESPSEX.eq.1

-1

(Q) CPILL1: Whether on contraceptive pill - currently menstruating

Value labels:

- 1 Yes
- 2 No
- 1 Not applicable
- 9 No answer

Notes:

Created in Quantum

Specification:

	CPILL1
Not applicable - male or not menstruating CONPILL.eq.-1.or DCONPILL.eq.-1	-1
No answer CONPILL.in.(-6:-9).or.DCONPILL.in.(-6:-9)	-9
Yes CONPILL.eq.1.or.DCONPILL.eq.1	1
No CONPILL.eq.2.or.DCONPILL.eq.2	2

(Q) CPILL2: Contraceptive pill usage

Value labels:

- 1 Mini-pill
- 2 Combined pill
- 3 Don't know type
- 4 No pill

- 1 Not applicable
- 9 No answer

Notes:

Created in Quantum

Specification:

	CPILL1
Not applicable CPILL1.eq.-1.	-1
No answer CPILL1.eq.-9	-9
Mini-pill - respondent on contraceptive pill with BNF code 7.3.2 or pill brand not specified but respondent says that she is on the mini-pill. PILBRAND.in.(070302,130602).or.DPILBRAN.in. (070302,130602).or. (DPILBRAN.eq.-9.and.DWHTPILL.eq.-2)	1
Combined pill - respondent on contraceptive pill with BNF code 7.3.1 or pill brand not specified but respondent says that she is on combined pill. PILBRAND.in.070301.or.PILBRAN.eq.-9.and.DWHTPILL.eq.3)	2
Don't know type CPILL1.eq.1.and.(PILBRAND.eq.-9.or.WHTPILL.in.(-8,-9).or. DPILBRAN.eq.-9.or DWHTPILL.eq.-9)	3
No pill CPILL1.eq.2	4

(Q) PILL1: Taking contraceptive pill

Value Labels:

1 'Yes'
2 'No'
3 'No longer menstruating'
-6 'Schedule not obtained'
-9 'not answered'
-1 'item not applicable'

Notes:

Created in SPSS

Specification:

MISSING VALUES stmenst conpill dconpill().

```
comp pill1=conpill.  
if respage<18 pill1=Dconpill.  
if stmenst=2 pill1=3.  
IF (stmenst = -6 OR dconpill = -6) pill1 = -6.  
IF (stmenst = -1 OR dconpill = -1) pill1 = -1.  
IF (stmenst = -9 OR dconpill = -9 OR conpill = -9) pill1 = -9.
```

Variable labels pill1 'Taking contraceptive pill'.

```
Value labels pill1    1 'yes'  
                    2 'no'  
                    3 'no longer menstruating'  
                    -6 'schedule not obtained'  
                    -9 'not answered'  
                    -1 'item not applicable'.
```

MISSING VALUES stmenst dconpill conpill pill1 (-9 thru -1) .

(Q) HRT1: Ever on hormone replacement therapy

Value Labels:

1 'On HRT now'
2 'On HRT past'
3 'Never on HRT'
-1 'item not applicable'
-8 'don't know'

Notes:

Created in SPSS

Specification:

```
MISSING VALUES hrtcurr hrtpast ( ).
```

```
comp hrt1=hrtcurr.  
recode hrt1 (2=3).  
if hrtpast=1 hrt1=2.  
IF hrtpast = -8 hrt1 = -8.
```

```
Variable labels hrt1 'Ever on hormone replacement therapy'.  
value labels hrt1 1'On HRT now' 2'On HRT past' 3'Never on HRT'  
-8 'don't know' -1 'item not applicable'.
```

```
MISSING VALUES hrtcurr hrtpast hrt1 (-8 -1).
```

(Q) MEDTYP: Medicine group

Value labels:

- 1 Cardiovascular
- 2 Gastrointestinal
- 3 Respiratory
- 4 Central Nervous System
- 5 Infections
- 6 Endocrine
- 7 Obstetrics & Gynaecology
- 8 Cytotoxic drugs
- 9 Nutrition and Blood
- 10 Musculoskeletal
- 11 Eye, ear, nose & oropharynx
- 12 Skin
- 13 Other
- 14 None of these

Notes:

Created in Quantum.

A respondent can have more than one type of medication so this variable is an array. The quantum variable is MEDTYP and the SPSS variables are called MEDTYP1-14. The base quantum variable is called MEDBI, a six-digit BNF code, and is split into three two-digit codes called BNFA, BNFB and BNFC.

Specification:

	MEDTYP
Missing values MEDCNJB.le.-1	Value(MEDCNJB)
No codeable answer MEDBI01.eq.-9	-9
Cardiovascular BNFA(2)	1
Gastrointestinal BNFA(1)	2
Respiratory BNFA(3)	3
Central Nervous System BNFA(4)	4
Infections	

BNFA(5)	5
Endocrine BNFA(6)	6
Obstetrics & Gynaecology BNFA(7)	7
Cytotoxic drugs MEDBI.in.(080101:080105)	8
Nutrition and Blood BNFA(9)	9
Musculoskeletal BNFA(10)	10
Eye, ear, nose & oropharynx BNFA(11).or.BNFA(12)	11
Skin BNFA(13)	12
Other BNFA(14).or.BNF(15).or. MEDBI.in.(080201,080202,080302,080304)	13
None of these - not taking any medicines, pills, ointments, puffers or injections prescribed by a doctor, or only medication is oral contraceptive or HRT MEDCNJB.eq.2.or.(only medication(MEDBI.eq..060401)	14

(S) MEDTYP1: Whether taking cardiovascular medication

Value Labels:

0 'No'
1 'Yes'
-1 'Takes no prescriptions'
-6 'Schedule not obtained'
-9 'Don't know if has any prescription'

Notes:

Created in SPSS

Specification:

MISSING VALUES medcnj() .

```
COMPUTE medtyp1 = 0 .  
IF (RANGE(medbi01,20101,21300)) medtyp1 = 1 .  
IF (RANGE(medbi02,20101,21300)) medtyp1 = 1 .  
IF (RANGE(medbi03,20101,21300)) medtyp1 = 1 .  
IF (RANGE(medbi04,20101,21300)) medtyp1 = 1 .  
IF (RANGE(medbi05,20101,21300)) medtyp1 = 1 .  
IF (RANGE(medbi06,20101,21300)) medtyp1 = 1 .  
IF (RANGE(medbi07,20101,21300)) medtyp1 = 1 .  
IF (RANGE(medbi08,20101,21300)) medtyp1 = 1 .  
IF (RANGE(medbi09,20101,21300)) medtyp1 = 1 .  
IF (RANGE(medbi10,20101,21300)) medtyp1 = 1 .  
IF (RANGE(medbi11,20101,21300)) medtyp1 = 1 .  
IF (RANGE(medbi12,20101,21300)) medtyp1 = 1 .  
IF (RANGE(medbi13,20101,21300)) medtyp1 = 1 .  
IF (RANGE(medbi14,20101,21300)) medtyp1 = 1 .  
IF (RANGE(medbi15,20101,21300)) medtyp1 = 1 .  
IF (RANGE(medbi16,20101,21300)) medtyp1 = 1 .  
IF (medcnj = 2) medtyp1 = -1 .  
IF (medcnj = -6) medtyp1 = -6 .  
IF (medcnj = -9) medtyp1 = -9 .  
EXECUTE.
```

```
MISSING VALUES medcnj medtyp1 (-9 thru -1).  
VARIABLE LABEL medtyp1 'Cardio-vascular medicine taken ?' .  
VALUE LABELS medtyp1 0 'no'  
1 'yes'  
-1 'takes no prescriptions'  
-6 'schedule not obtained'  
-9 'dk if has any prescription' .
```

(S) MEDTYP2: Whether taking gastrointestinal medication

Value Labels:

0 'No'
1 'Yes'
-1 'Takes no prescriptions'
-6 'Schedule not obtained'
-9 'Don't know if has any prescription'

Notes:

Created in SPSS

Specification:

MISSING VALUES medcnj () .

```
COMPUTE medtyp2 = 0 .  
IF (RANGE (medbi01,10101,10904)) medtyp2 = 1 .  
IF (RANGE (medbi02,10101,10904)) medtyp2 = 1 .  
IF (RANGE (medbi03,10101,10904)) medtyp2 = 1 .  
IF (RANGE (medbi04,10101,10904)) medtyp2 = 1 .  
IF (RANGE (medbi05,10101,10904)) medtyp2 = 1 .  
IF (RANGE (medbi06,10101,10904)) medtyp2 = 1 .  
IF (RANGE (medbi07,10101,10904)) medtyp2 = 1 .  
IF (RANGE (medbi08,10101,10904)) medtyp2 = 1 .  
IF (RANGE (medbi09,10101,10904)) medtyp2 = 1 .  
IF (RANGE (medbi10,10101,10904)) medtyp2 = 1 .  
IF (RANGE (medbi11,10101,10904)) medtyp2 = 1 .  
IF (RANGE (medbi12,10101,10904)) medtyp2 = 1 .  
IF (RANGE (medbi13,10101,10904)) medtyp2 = 1 .  
IF (RANGE (medbi14,10101,10904)) medtyp2 = 1 .  
IF (RANGE (medbi15,10101,10904)) medtyp2 = 1 .  
IF (medcnj = 2) medtyp2 = -1 .  
IF (medcnj = -6) medtyp2 = -6 .  
IF (medcnj = -9) medtyp2 = -9 .  
EXECUTE.
```

```
MISSING VALUES medcnj medtyp2 ( -9 thru -1).  
VARIABLE LABEL medtyp2 'Gastrointestinal medicine taken ?' .  
VALUE LABELS medtyp2 0 'no'  
1 'yes'  
-1 'takes no prescriptions'  
-6 'schedule not obtained'  
-9 'dk if has any prescription' .
```

(S) MEDTYP3: Whether taking respiratory medication

Value Labels:

0 'No'
1 'Yes'
-1 'Takes no prescriptions'
-6 'Schedule not obtained'
-9 'Don't know if has any prescription'

Notes:

Created in SPSS

Specification:

MISSING VALUES medcnj () .

```
COMPUTE medtyp3 = 0 .  
IF (RANGE(medbi01,30101,31000)) medtyp3 = 1 .  
IF (RANGE(medbi02,30101,31000)) medtyp3 = 1 .  
IF (RANGE(medbi03,30101,31000)) medtyp3 = 1 .  
IF (RANGE(medbi04,30101,31000)) medtyp3 = 1 .  
IF (RANGE(medbi05,30101,31000)) medtyp3 = 1 .  
IF (RANGE(medbi06,30101,31000)) medtyp3 = 1 .  
IF (RANGE(medbi07,30101,31000)) medtyp3 = 1 .  
IF (RANGE(medbi08,30101,31000)) medtyp3 = 1 .  
IF (RANGE(medbi09,30101,31000)) medtyp3 = 1 .  
IF (RANGE(medbi10,30101,31000)) medtyp3 = 1 .  
IF (RANGE(medbi11,30101,31000)) medtyp3 = 1 .  
IF (RANGE(medbi12,30101,31000)) medtyp3 = 1 .  
IF (RANGE(medbi13,30101,31000)) medtyp3 = 1 .  
IF (RANGE(medbi14,30101,31000)) medtyp3 = 1 .  
IF (RANGE(medbi15,30101,31000)) medtyp3 = 1 .  
IF (medcnj = 2) medtyp3 = -1 .  
IF (medcnj = -6) medtyp3 = -6 .  
IF (medcnj = -9) medtyp3 = -9 .  
EXECUTE.  
  
MISSING VALUES medcnj medtyp3 ( -9 thru -1).  
VARIABLE LABEL medtyp3 'Respiratory medicine taken ?' .  
VALUE LABELS medtyp3 0 'no'  
1 'yes'  
-1 'takes no prescriptions'  
-6 'schedule not obtained'  
-9 'dk if has any prescription' .
```

(S) MEDTYP4: Whether taking central nervous system medication

Value Labels:

0 'No'
1 'Yes'
-1 'Takes no prescriptions'
-6 'Schedule not obtained'
-9 'Don't know if has any prescription'

Notes:

Created in SPSS

Specification:

MISSING VALUES medcnj () .

```
COMPUTE medtyp4 = 0 .  
IF (RANGE(medbi01,40101,41000)) medtyp4 = 1 .  
IF (RANGE(medbi02,40101,41000)) medtyp4 = 1 .  
IF (RANGE(medbi03,40101,41000)) medtyp4 = 1 .  
IF (RANGE(medbi04,40101,41000)) medtyp4 = 1 .  
IF (RANGE(medbi05,40101,41000)) medtyp4 = 1 .  
IF (RANGE(medbi06,40101,41000)) medtyp4 = 1 .  
IF (RANGE(medbi07,40101,41000)) medtyp4 = 1 .  
IF (RANGE(medbi08,40101,41000)) medtyp4 = 1 .  
IF (RANGE(medbi09,40101,41000)) medtyp4 = 1 .  
IF (RANGE(medbi10,40101,41000)) medtyp4 = 1 .  
IF (RANGE(medbi11,40101,41000)) medtyp4 = 1 .  
IF (RANGE(medbi12,40101,41000)) medtyp4 = 1 .  
IF (RANGE(medbi13,40101,41000)) medtyp4 = 1 .  
IF (RANGE(medbi14,40101,41000)) medtyp4 = 1 .  
IF (RANGE(medbi15,40101,41000)) medtyp4 = 1 .  
IF (medcnj = 2) medtyp4 = -1 .  
IF (medcnj = -6) medtyp4 = -6 .  
IF (medcnj = -9) medtyp4 = -9 .  
EXECUTE.
```

```
MISSING VALUES medcnj medtyp4 ( -9 thru -1).  
VARIABLE LABEL medtyp4 'CNS medicine taken ?' .  
VALUE LABELS medtyp4 0 'no'  
1 'yes'  
-1 'takes no prescriptions'  
-6 'schedule not obtained'  
-9 'dk if has any prescription' .
```

(S) MEDTYP5: Whether taking medication for infections

Value Labels:

0 'No'
1 'Yes'
-1 'Takes no prescriptions'
-6 'Schedule not obtained'
-9 'Don't know if has any prescription'

Notes:

Created in SPSS

Specification:

MISSING VALUES medcnj () .

```
COMPUTE medtyp5 = 0 .  
IF (RANGE(medbi01,50101,50508)) medtyp5 = 1 .  
IF (RANGE(medbi02,50101,50508)) medtyp5 = 1 .  
IF (RANGE(medbi03,50101,50508)) medtyp5 = 1 .  
IF (RANGE(medbi04,50101,50508)) medtyp5 = 1 .  
IF (RANGE(medbi05,50101,50508)) medtyp5 = 1 .  
IF (RANGE(medbi06,50101,50508)) medtyp5 = 1 .  
IF (RANGE(medbi07,50101,50508)) medtyp5 = 1 .  
IF (RANGE(medbi08,50101,50508)) medtyp5 = 1 .  
IF (RANGE(medbi09,50101,50508)) medtyp5 = 1 .  
IF (RANGE(medbi10,50101,50508)) medtyp5 = 1 .  
IF (RANGE(medbi11,50101,50508)) medtyp5 = 1 .  
IF (RANGE(medbi12,50101,50508)) medtyp5 = 1 .  
IF (RANGE(medbi13,50101,50508)) medtyp5 = 1 .  
IF (RANGE(medbi14,50101,50508)) medtyp5 = 1 .  
IF (RANGE(medbi15,50101,50508)) medtyp5 = 1 .  
IF (medcnj = 2) medtyp5 = -1 .  
IF (medcnj = -6) medtyp5 = -6 .  
IF (medcnj = -9) medtyp5 = -9 .  
EXECUTE .  
  
MISSING VALUES medcnj medtyp5 ( -9 thru -1).  
VARIABLE LABEL medtyp5 'Medicine for infection taken ?' .  
VALUE LABELS medtyp5 0 'no'  
1 'yes'  
-1 'takes no prescriptions'  
-6 'schedule not obtained'  
-9 'dk if has any prescription' .
```

(S) MEDTYP6: Whether taking endocrine medication

Value Labels:

0 'No'
1 'Yes'
-1 'Takes no prescriptions'
-6 'Schedule not obtained'
-9 'Don't know if has any prescription'

Notes:

Created in SPSS

Specification:

MISSING VALUES medcnj () .

```
COMPUTE medtyp6 = 0 .  
IF (RANGE(medbi01,60101,60703)) medtyp6 = 1 .  
IF (RANGE(medbi02,60101,60703)) medtyp6 = 1 .  
IF (RANGE(medbi03,60101,60703)) medtyp6 = 1 .  
IF (RANGE(medbi04,60101,60703)) medtyp6 = 1 .  
IF (RANGE(medbi05,60101,60703)) medtyp6 = 1 .  
IF (RANGE(medbi06,60101,60703)) medtyp6 = 1 .  
IF (RANGE(medbi07,60101,60703)) medtyp6 = 1 .  
IF (RANGE(medbi08,60101,60703)) medtyp6 = 1 .  
IF (RANGE(medbi09,60101,60703)) medtyp6 = 1 .  
IF (RANGE(medbi10,60101,60703)) medtyp6 = 1 .  
IF (RANGE(medbi11,60101,60703)) medtyp6 = 1 .  
IF (RANGE(medbi12,60101,60703)) medtyp6 = 1 .  
IF (RANGE(medbi13,60101,60703)) medtyp6 = 1 .  
IF (RANGE(medbi14,60101,60703)) medtyp6 = 1 .  
IF (RANGE(medbi15,60101,60703)) medtyp6 = 1 .  
IF (medcnj = 2) medtyp6 = -1 .  
IF (medcnj = -6) medtyp6 = -6 .  
IF (medcnj = -9) medtyp6 = -9 .  
EXECUTE.
```

```
MISSING VALUES medcnj medtyp6 ( -9 thru -1).  
VARIABLE LABEL medtyp6 'Endocrine medicine taken ?' .  
VALUE LABELS medtyp6 0 'no'  
1 'yes'  
-1 'takes no prescriptions'  
-6 'schedule not obtained'  
-9 'dk if has any prescription' .
```

(S) MEDTYP7: Whether taking gynaecological or urinary medication

Value Labels:

0 'No'
1 'Yes'
-1 'Takes no prescriptions'
-6 'Schedule not obtained'
-9 'Don't know if has any prescription'

Notes:

Created in SPSS

Specification:

MISSING VALUES medcnj () .

```
COMPUTE medtyp7 = 0 .  
IF (RANGE(medbi01,70201,70202,70401,70500)) medtyp7 = 1 .  
IF (RANGE(medbi02,70201,70202,70401,70500)) medtyp7 = 1 .  
IF (RANGE(medbi03,70201,70202,70401,70500)) medtyp7 = 1 .  
IF (RANGE(medbi04,70201,70202,70401,70500)) medtyp7 = 1 .  
IF (RANGE(medbi05,70201,70202,70401,70500)) medtyp7 = 1 .  
IF (RANGE(medbi06,70201,70202,70401,70500)) medtyp7 = 1 .  
IF (RANGE(medbi07,70201,70202,70401,70500)) medtyp7 = 1 .  
IF (RANGE(medbi08,70201,70202,70401,70500)) medtyp7 = 1 .  
IF (RANGE(medbi09,70201,70202,70401,70500)) medtyp7 = 1 .  
IF (RANGE(medbi10,70201,70202,70401,70500)) medtyp7 = 1 .  
IF (RANGE(medbi11,70201,70202,70401,70500)) medtyp7 = 1 .  
IF (RANGE(medbi12,70201,70202,70401,70500)) medtyp7 = 1 .  
IF (RANGE(medbi13,70201,70202,70401,70500)) medtyp7 = 1 .  
IF (RANGE(medbi14,70201,70202,70401,70500)) medtyp7 = 1 .  
IF (RANGE(medbi15,70201,70202,70401,70500)) medtyp7 = 1 .  
IF (medcnj = 2) medtyp7 = -1 .  
IF (medcnj = -6) medtyp7 = -6 .  
IF (medcnj = -9) medtyp7 = -9 .  
EXECUTE.
```

```
MISSING VALUES medcnj medtyp7 ( -9 thru -1).  
VARIABLE LABEL medtyp7 'Gynae/Urinary medicine taken ?' .  
VALUE LABELS medtyp7 0 'no'  
1 'yes'  
-1 'takes no prescriptions'  
-6 'schedule not obtained'  
-9 'dk if has any prescription' .
```

(S) MEDTYP8: Whether taking cytotoxic medication

Value Labels:

0 'No'
1 'Yes'
-1 'Takes no prescriptions'
-6 'Schedule not obtained'
-9 'Don't know if has any prescription'

Notes:

Created in SPSS

Specification:

MISSING VALUES medcnj () .

```
COMPUTE medtyp8 = 0 .  
IF (RANGE(medbi01,80101,80304)) medtyp8 = 1 .  
IF (RANGE(medbi02,80101,80304)) medtyp8 = 1 .  
IF (RANGE(medbi03,80101,80304)) medtyp8 = 1 .  
IF (RANGE(medbi04,80101,80304)) medtyp8 = 1 .  
IF (RANGE(medbi05,80101,80304)) medtyp8 = 1 .  
IF (RANGE(medbi06,80101,80304)) medtyp8 = 1 .  
IF (RANGE(medbi07,80101,80304)) medtyp8 = 1 .  
IF (RANGE(medbi08,80101,80304)) medtyp8 = 1 .  
IF (RANGE(medbi09,80101,80304)) medtyp8 = 1 .  
IF (RANGE(medbi10,80101,80304)) medtyp8 = 1 .  
IF (RANGE(medbi11,80101,80304)) medtyp8 = 1 .  
IF (RANGE(medbi12,80101,80304)) medtyp8 = 1 .  
IF (RANGE(medbi13,80101,80304)) medtyp8 = 1 .  
IF (RANGE(medbi14,80101,80304)) medtyp8 = 1 .  
IF (RANGE(medbi15,80101,80304)) medtyp8 = 1 .  
IF (medcnj = 2) medtyp8 = -1 .  
IF (medcnj = -6) medtyp8 = -6 .  
IF (medcnj = -9) medtyp8 = -9 .  
EXECUTE.
```

```
MISSING VALUES medcnj medtyp8 ( -9 thru -1).  
VARIABLE LABEL medtyp8 'Cytotoxic medicine taken ?' .  
VALUE LABELS medtyp8 0 'no'  
1 'yes'  
-1 'takes no prescriptions'  
-6 'schedule not obtained'  
-9 'dk if has any prescription' .
```

(S) MEDTYP9: Whether taking medication for nutrition and blood

Value Labels:

0 'No'
1 'Yes'
-1 'Takes no prescriptions'
-6 'Schedule not obtained'
-9 'Don't know if has any prescription'

Notes:

Created in SPSS

Specification:

MISSING VALUES medcnj () .

```
COMPUTE medtyp9 = 0 .
IF (RANGE(medbi01,90101,90802)) medtyp9 = 1 .
IF (RANGE(medbi02,90101,90802)) medtyp9 = 1 .
IF (RANGE(medbi03,90101,90802)) medtyp9 = 1 .
IF (RANGE(medbi04,90101,90802)) medtyp9 = 1 .
IF (RANGE(medbi05,90101,90802)) medtyp9 = 1 .
IF (RANGE(medbi06,90101,90802)) medtyp9 = 1 .
IF (RANGE(medbi07,90101,90802)) medtyp9 = 1 .
IF (RANGE(medbi08,90101,90802)) medtyp9 = 1 .
IF (RANGE(medbi09,90101,90802)) medtyp9 = 1 .
IF (RANGE(medbi10,90101,90802)) medtyp9 = 1 .
IF (RANGE(medbi11,90101,90802)) medtyp9 = 1 .
IF (RANGE(medbi12,90101,90802)) medtyp9 = 1 .
IF (RANGE(medbi13,90101,90802)) medtyp9 = 1 .
IF (RANGE(medbi14,90101,90802)) medtyp9 = 1 .
IF (RANGE(medbi15,90101,90802)) medtyp9 = 1 .
IF (medcnj = 2) medtyp9 = -1 .
IF (medcnj = -6) medtyp9 = -6 .
IF (medcnj = -9) medtyp9 = -9 .
EXECUTE.

MISSING VALUES medcnj medtyp9 ( -9 thru -1).
VARIABLE LABEL medtyp9 'Medicine for nutrition/blood taken ?' .
VALUE LABELS medtyp9 0 'no'
                1 'yes'
                -1 'takes no prescriptions'
                -6 'schedule not obtained'
                -9 'dk if has any prescription' .
```

(S) MEDTYP10: Whether taking musculo-skeletal medication

Value Labels:

0 'No'
1 'Yes'
-1 'Takes no prescriptions'
-6 'Schedule not obtained'
-9 'Don't know if has any prescription'

Notes:

Created in SPSS

Specification:

MISSING VALUES medcnj () .

```
COMPUTE medtyp10 = 0 .  
IF (RANGE(medbi01,100101,100302)) medtyp10 = 1 .  
IF (RANGE(medbi02,100101,100302)) medtyp10 = 1 .  
IF (RANGE(medbi03,100101,100302)) medtyp10 = 1 .  
IF (RANGE(medbi04,100101,100302)) medtyp10 = 1 .  
IF (RANGE(medbi05,100101,100302)) medtyp10 = 1 .  
IF (RANGE(medbi06,100101,100302)) medtyp10 = 1 .  
IF (RANGE(medbi07,100101,100302)) medtyp10 = 1 .  
IF (RANGE(medbi08,100101,100302)) medtyp10 = 1 .  
IF (RANGE(medbi09,100101,100302)) medtyp10 = 1 .  
IF (RANGE(medbi10,100101,100302)) medtyp10 = 1 .  
IF (RANGE(medbi11,100101,100302)) medtyp10 = 1 .  
IF (RANGE(medbi12,100101,100302)) medtyp10 = 1 .  
IF (RANGE(medbi13,100101,100302)) medtyp10 = 1 .  
IF (RANGE(medbi14,100101,100302)) medtyp10 = 1 .  
IF (RANGE(medbi15,100101,100302)) medtyp10 = 1 .  
IF (medcnj = 2) medtyp10 = -1 .  
IF (medcnj = -6) medtyp10 = -6 .  
IF (medcnj = -9) medtyp10 = -9 .  
EXECUTE.
```

MISSING VALUES medcnj medtyp10 (-9 thru -1).

VARIABLE LABEL medtyp10 'Musculoskeletal medicine taken ?' .

VALUE LABELS medtyp10 0 'no'

1 'yes'

-1 'takes no prescriptions'

-6 'schedule not obtained'

-9 'dk if has any prescription' .

(S) MEDTYP11: Whether taking eye, ear, etc medication

Value Labels:

0 'No'
1 'Yes'
-1 'Takes no prescriptions'
-6 'Schedule not obtained'
-9 'Don't know if has any prescription'

Notes:

Created in SPSS

Specification:

MISSING VALUES medcnj () .

```
COMPUTE medtyp11 = 0 .  
IF (RANGE(medbi01,110101,110802,120101,120304)) medtyp11 = 1 .  
IF (RANGE(medbi02,110101,110802,120101,120304)) medtyp11 = 1 .  
IF (RANGE(medbi03,110101,110802,120101,120304)) medtyp11 = 1 .  
IF (RANGE(medbi04,110101,110802,120101,120304)) medtyp11 = 1 .  
IF (RANGE(medbi05,110101,110802,120101,120304)) medtyp11 = 1 .  
IF (RANGE(medbi06,110101,110802,120101,120304)) medtyp11 = 1 .  
IF (RANGE(medbi07,110101,110802,120101,120304)) medtyp11 = 1 .  
IF (RANGE(medbi08,110101,110802,120101,120304)) medtyp11 = 1 .  
IF (RANGE(medbi09,110101,110802,120101,120304)) medtyp11 = 1 .  
IF (RANGE(medbi10,110101,110802,120101,120304)) medtyp11 = 1 .  
IF (RANGE(medbi11,110101,110802,120101,120304)) medtyp11 = 1 .  
IF (RANGE(medbi12,110101,110802,120101,120304)) medtyp11 = 1 .  
IF (RANGE(medbi13,110101,110802,120101,120304)) medtyp11 = 1 .  
IF (RANGE(medbi14,110101,110802,120101,120304)) medtyp11 = 1 .  
IF (RANGE(medbi15,110101,110802,120101,120304)) medtyp11 = 1 .  
IF (medcnj = 2) medtyp11 = -1 .  
IF (medcnj = -6) medtyp11 = -6 .  
IF (medcnj = -9) medtyp11 = -9 .  
EXECUTE.
```

```
MISSING VALUES medcnj medtyp11 ( -9 thru -1).  
VARIABLE LABEL medtyp11 'Eye/Ear etc medicine taken ?' .  
VALUE LABELS medtyp11 0 'no'  
1 'yes'  
-1 'takes no prescriptions'  
-6 'schedule not obtained'  
-9 'dk if has any prescription' .
```

(S) MEDTYP12: Whether taking medication for skin

Value Labels:

0 'No'
1 'Yes'
-1 'Takes no prescriptions'
-6 'Schedule not obtained'
-9 'Don't know if has any prescription'

Notes:

Created in SPSS

Specification:

MISSING VALUES medcnj () .

```
COMPUTE medtyp12 = 0 .  
IF (RANGE(medbi01,130100,131400)) medtyp12 = 1 .  
IF (RANGE(medbi02,130100,131400)) medtyp12 = 1 .  
IF (RANGE(medbi03,130100,131400)) medtyp12 = 1 .  
IF (RANGE(medbi04,130100,131400)) medtyp12 = 1 .  
IF (RANGE(medbi05,130100,131400)) medtyp12 = 1 .  
IF (RANGE(medbi06,130100,131400)) medtyp12 = 1 .  
IF (RANGE(medbi07,130100,131400)) medtyp12 = 1 .  
IF (RANGE(medbi08,130100,131400)) medtyp12 = 1 .  
IF (RANGE(medbi09,130100,131400)) medtyp12 = 1 .  
IF (RANGE(medbi10,130100,131400)) medtyp12 = 1 .  
IF (RANGE(medbi11,130100,131400)) medtyp12 = 1 .  
IF (RANGE(medbi12,130100,131400)) medtyp12 = 1 .  
IF (RANGE(medbi13,130100,131400)) medtyp12 = 1 .  
IF (RANGE(medbi14,130100,131400)) medtyp12 = 1 .  
IF (RANGE(medbi15,130100,131400)) medtyp12 = 1 .  
IF (medcnj = 2) medtyp12 = -1 .  
IF (medcnj = -6) medtyp12 = -6 .  
IF (medcnj = -9) medtyp12 = -9 .  
EXECUTE.
```

```
MISSING VALUES medcnj medtyp12 ( -9 thru -1).  
VARIABLE LABEL medtyp12 'Medicine for skin taken ?' .  
VALUE LABELS medtyp12 0 'no'  
1 'yes'  
-1 'takes no prescriptions'  
-6 'schedule not obtained'  
-9 'dk if has any prescription' .
```

(S) MEDTYP13: Whether taking other medication

Value Labels:

0 'No'
1 'Yes'
-1 'Takes no prescriptions'
-6 'Schedule not obtained'
-9 'Don't know if has any prescription'

Notes:

Created in SPSS

Specification:

MISSING VALUES medcnj () .

COMPUTE medtyp13 = 0 .

IF (medbi01 = 140400) medtyp13 = 1 .

IF (medbi02 = 140400) medtyp13 = 1 .

IF (medbi03 = 140400) medtyp13 = 1 .

IF (medbi04 = 140400) medtyp13 = 1 .

IF (medbi05 = 140400) medtyp13 = 1 .

IF (medbi06 = 140400) medtyp13 = 1 .

IF (medbi07 = 140400) medtyp13 = 1 .

IF (medbi08 = 140400) medtyp13 = 1 .

IF (medbi09 = 140400) medtyp13 = 1 .

IF (medbi10 = 140400) medtyp13 = 1 .

IF (medbi11 = 140400) medtyp13 = 1 .

IF (medbi12 = 140400) medtyp13 = 1 .

IF (medbi13 = 140400) medtyp13 = 1 .

IF (medbi14 = 140400) medtyp13 = 1 .

IF (medbi15 = 140400) medtyp13 = 1 .

IF (medcnj = 2) medtyp13 = -1 .

IF (medcnj = -6) medtyp13 = -6 .

IF (medcnj = -9) medtyp13 = -9 .

EXECUTE.

MISSING VALUES medcnj medtyp13 (-9 thru -1).

VARIABLE LABEL medtyp13 'Other medicine taken ?' .

VALUE LABELS medtyp13 0 'no'

1 'yes'

-1 'takes no prescriptions'

-6 'schedule not obtained'

-9 'dk if has any prescription' .

(S) MEDCNJ: Whether taking medication - excluding women ONLY on the pill

Value Labels:

1 'Yes'
2 'No'
-6 'Schedule not obtained'
-9 'Not answered'

Notes:

Created in SPSS

Specification:

MISSING VALUES medcnjb () .

COMPUTE medcnj = medcnjb .

IF (respsex = 2 & medcnjb = 1 & RANGE(medbi01,70301,70302) &
MISSING(medbi02) & MISSING(medbi03)& MISSING(medbi04) &
MISSING(medbi05) & MISSING(medbi06) & MISSING(medbi07) &
MISSING(medbi08) & MISSING(medbi09) & MISSING(medbi10) &
MISSING(medbi11) & MISSING(medbi12) & MISSING(medbi13) &
MISSING(medbi14) & MISSING(medbi15) & MISSING (medbi16))
medcnj = 2 .

VARIABLE LABEL medcnj 'Whether taking medication - excluding
women ONLY on the pill' .

VALUE LABELS medcnj 1 'Yes'
2 'No'
-6 'schedule not obtained'
-9 'not answered' .

MISSING VALUES medcnjb medcnj (-6 -9).

(S) MEDNGRP: Number of medicines taken

Value Labels:

0	'None'
1	'One'
2	'Two'
3	'Three'
4	'Four'
5	'Five or more'
-6	'Schedule not obtained'
-9	'Don't know if has any prescription'

Notes:

Created in SPSS

The intermediate variables medn1 to medn15 and medn have been dropped from the data set.

Specification:

```
MISSING VALUES medcnj medbi01 ( ).
```

```
RECODE MEDBI01 TO MEDBI15 (1 THRU HI=1) (ELSE=0) INTO MEDN1  
MEDN2 MEDN3 MEDN4 MEDN5 MEDN6 MEDN7 MEDN8 MEDN9 MEDN10 MEDN11  
MEDN12 MEDN13 MEDN14 MEDN15.
```

```
COUNT MEDN=MEDN1 TO MEDN15 (1).
```

```
IF (medcnj = 2) medN = 0 .
```

```
IF (medcnj = -6) medN = -6 .
```

```
IF (medcnj = -9) medN = -9 .
```

```
IF (medbi01 = -9) medN = -9 .
```

```
EXECUTE.
```

```
recode medN (5 thru 15=5) (else=copy) into medNgrp.
```

```
VARIABLE LABEL medNgrp 'Number of medicines taken' .  
value labels medNgrp 5'5 or more'.
```

```
MISSING VALUES medcnj medbi01 medngrp (-9 -6).
```

(Q) CVDMED: CVD medications currently taken

Value labels

- 1 Not applicable
- 9 No answer

- 1 Diuretics
- 2 Beta Blockers
- 3 Combination of Diuretics & Beta Blockers
- 4 ACE inhibitors
- 5 Vasodilators & centrally-acting drugs
- 6 Sympatholytics
- 7 Calcium blockers
- 8 Anti-coagulants
- 9 Lipid lowering
- 10 Anti-platelets
- 11 Alpha blockers
- 12 Other cardiovascular
- 13 Not taking CVD medication

Notes:

Created in Quantum.

A respondent can take more than one CVD medication. CVDMED is thus an array variable.

Specification:

	CVDMED
MEDCNJB.le.-1	MEDCNJB
Not answered MEDBI01.eq.-9	-9
Diuretics MEDBI.in.(020201:020208).and.not MEDBI.eq.020400	1
Beta Blockers MEDBI.eq.(020400).and.not.MEDBI.in.(020201:020208)	2
Combination of Diuretics & Beta Blockers MEDBI.eq.(020400).and.MEDBI.in.(020201:020208)	3
ACE inhibitors MEDBI.eq.020505	4
Vasodilators & centrally-acting drugs MEDBI.eq.020501.or.MEDBI.eq.020502	5

Sympatholytics MEDBI.eq.020503.or.MEDBI.eq.020506	6
Calcium blockers MEDBI.eq.020602	7
Anti-coagulants MEDBI.eq.020802	8
Lipid lowering MEDBI.eq.021200	9
Anti-platelets MEDBI.eq.020900	10
Alpha blockers MEDBI.eq.020504	11
Other cardiovascular All other BNFA(02) not specified above	12
Not taking CVD medication MEDTYP01.ne.1.and.MEDCNJB.eq.1	13

(Q) NUMED: Number of prescribed medicines taken

Value labels

- 9 No answer
- 0 None
- 1 One
- 2 Two
- 3 Three
- 4 Four or more

Notes:

Created in Quantum

Count of the number of prescribed medicines currently taken. Uses quantum array variable MEDBI which contain all medications taken (1-11). Contraceptives and HRT are not counted as medication.

Specification:

	NUMED
MEDCNJ.le.-1	MEDCNJ
None	0
MEDCNJ.in.(2:4)	

For MEDCNJ.eq.1

Count number of medications in MEDBI. If count is 4 or more, code as 4.

(Q) BETA: Whether taking Beta blockers

Value labels:

-9 No answer

1 Yes

2 No

Notes:

Created in Quantum

Specification:

	BETA
No answer MEDBI01.le.-6	MEDBI01
Yes MEDBI.eq.020400	1
No Otherwise	2

(Q) BETALIP: Whether taking Beta blockers and/or lipid lowering drugs

Value labels:

- 1 Not applicable
- 9 No answer

- 1 Both
- 2 Lipid lowering drugs
- 3 Beta blockers
- 4 Neither

Notes:

Created in Quantum.

Specification:

	BETALIP
Not applicable MEDTYP.eq.-1	-1
No answer MEDTYP.eq.-9	-9
Both MEDBI.eq.021200.and MEDBI.eq.020400	1
Lipid lowering drugs MEDBI.eq.021200.and.not. MEDBI.eq.020400	2
Beta blockers MEDBI.eq.020400.and.not. MEDBI.eq.021200	3
Neither MEDBI.ne.(020400,021200)	4

(Q) *BPMEDB: Whether taking medicine affecting BP*

Value labels

- 1 Not applicable
- 7 Refused information
- 9 No answer

- 1 Taking medicine
- 2 Not taking medicine

Notes:

Created in Quantum.

Specification:

	BPMEDB
Not applicable - respondent pregnant NLPREGJ.eq.1	-1
BP measurement refused BPREAD.eq.-7	-7
Insufficient data - had only 1 valid reading, or 2 valid readings, or blood pressure measurement attempted but not obtained, or bp measurement not attempted. BPREAD.eq.-9	-9
No answer MEDBI01.eq.-9	-9
Taking medicine - taking diuretics(BNF code 2.2), or beta blockers(2.4), or combination of diuretics and beta blockers(2.2 & 2.4), or ACE inhibitors(2.5.5), or vasodilators(2.5.1), or centrally-acting drugs(2.5.2), or sympatholytics(2.5.3 or 2.5.6), or calcium blockers(2.6.2) CVDMED.in.(1:7,11)	1
Otherwise code to not taking medication	2

(Q) EPILDRUG: Whether on anti-epileptic drugs

Value labels:

- 1 Not applicable
- 9 No answer

- 1 Yes
- 2 No

Notes:

Created in Quantum.

Specification:

	EPILDRUG
Not applicable MEDTYP.eq.-1	-1
No answer MEDTYP.eq.-9.or.LONGILL.eq.-9.or.ILLSM.eq.-9	-9
Yes LONGILL.eq.1.and.ILLSM(6).and.(BNFA(4).and.BNFB(8))	1
No Otherwise	2

Dental Health

(S) FLRDAY: Brushes teeth every day and uses fluoride toothpaste

Value Labels:

1 'Yes'
2 'No / don't know'
-1 'Has false teeth'

Notes:

Created in SPSS

Specification:

```
comp flrday = TthFreq.  
recode flrday (2=1).  
if toothp=2 or toothp=3 or toothp=-8 flrday=2.
```

Variable labels flrday 'brushes teeth once or more a day and uses fluoride toothpaste'.

Value labels flrday 1'Yes' 2'No'/don't know' -1 'has false teeth'.

MISSING VALUES flrday (-1).

Blood Pressure

(S) *BPREAD: Validity of BP measurement*

Value Labels:

1	'Valid blood pressure measurement'
2	'Ate, drank or smoked in previous half hour'
3	'Not known if ate, drank or smoked'
4	'Three valid readings not obtained'
5	'Pregnant'
6	'Refused, attempted but not obtained, not attempted'
-6	'Schedule not obtained'

Notes:

Created in SPSS

Specification:

```
MISS VAL consubm1 TO consubm3 bpresps ( ).
```

```
IF (bpresps=1 & (consubm1=5|consubm1=4)) bpread=1.
```

```
IF (bpresps=1 & (consubm1=1|consubm1=2|consubm1=3|consubm2=2|  
consubm2=3|consubm3=3)) bpread=2.
```

```
IF (bpresps=1 & consubm1=-9) bpread=3.
```

```
IF (bpresps=2|bpresps=3) bpread=4.
```

```
IF (bpresps=-1) bpread=5.
```

```
IF (bpresps=4|bpresps=5|bpresps=6) bpread=6.
```

```
IF (bpresps=-6) bpread=-6.
```

```
EXECUTE.
```

```
VAR LAB bpread 'Validity of BP measurement'.
```

```
VAL LABELS bpread 1 'Valid blood pressure measurement'
```

```
2 'Ate, drank, or smoked in previous half  
hour'
```

```
3 'Not known if ate, drank, or smoked'
```

```
4 'Three valid readings not obtained'
```

```
5 'Pregnant'
```

```
6 'Refused, attempted not obtained, not  
attempted'
```

```
-6 'Schedule not obtained'.
```

```
MISS VAL bpread (-6).
```

```
MISS VAL consubm1 TO consubm3 bpresps(-9 THRU -1).
```

(S) BPREADA: Validity of BP measurement - including people who smoked

Value Labels:

- 1 'Valid blood pressure measurement'
- 2 'Ate or drank, in previous half hour'
- 3 'Not known if ate, drank, or smoked'
- 4 'Three valid readings not obtained'
- 5 'Pregnant'
- 6 'Refused, attempted but not obtained, not attempted'
- 6 'Schedule not obtained'

Notes:

Created in SPSS

Specification:

```
MISS VAL consumb1 TO consumb3 bpresps().
```

```
IF (bpresps=1 & (consumb1=5 | consumb1=4 | consumb1=2))  
bpreada=1.
```

```
IF (bpresps=1 & (consumb1=1 | consumb1=3 | consumb2=3))  
bpreada=2.
```

```
IF (bpresps=1 & consumb1=-9) bpreada=3.
```

```
IF (bpresps=2 | bpresps=3) bpreada=4.
```

```
IF (bpresps=-1) bpreada=5.
```

```
IF (bpresps=4 | bpresps=5 | bpresps=6) bpreada=6.
```

```
IF (bpresps=-6) bpreada=-6.
```

```
EXECUTE .
```

```
VAR LAB bpreada 'Validity of BP measurement - including people  
who smoked'.
```

```
VAL LABELS bpreada 1 'Valid blood pressure measurement'
```

```
2 'Ate or drank, in previous half hour'
```

```
3 'Not known if ate or drank'
```

```
4 'Three valid readings not obtained'
```

```
5 'Pregnant'
```

```
6 'Refused, attempted not obtained, not
```

```
attempted'
```

```
-6 'Schedule not obtained'.
```

```
MISS VAL bpreada (-6).
```

```
MISS VAL consumb1 to consumb3 bpresps (-9 thru -1) .
```

(Q) NEWDIAST: Diastolic BP (mean of 2nd & 3rd)

Value labels

- 1 Not applicable
- 7 BP measurement refused
- 9 No answer or insufficient data

Notes:

Created in Quantum.

BP calculated where 3 valid readings obtained (does not exclude those who ate, drank, smoked, or exercised vigorously; or those on drugs for BP or that affect BP).

Specification

Note in using NEWDIAST, select valid cases using BPREAD.eq.1

	NEWDIAST
Initially set all cases =	-9
Not applicable - respondent pregnant NLPREGJ.eq.1	-1
BP measurement refused BPRESPS.eq.6	-7
Insufficient data - had only 1 valid reading, or 2 valid readings, or blood pressure measurement attempted but not obtained, or bp measurement not attempted. BPRESPS.in.(2:5)	-9

Valid values

BPRESPS.eq.1.and SECDIA.gt.0.and.THIRDDIA.gt.0

$$\text{NEWDIAST} = \frac{\text{SECDIA} + \text{THIRDDIA}}{2}$$

(Q) NEWSYST: Systolic BP (mean of 2nd & 3rd)

Value labels

- 1 Not applicable
- 7 BP measurement refused
- 9 No answer or insufficient data

Notes:

Created in Quantum.

BP calculated where 3 valid readings obtained (does not exclude those who ate, drank, smoked, or exercised vigorously, or those on drugs for BP or that affect BP).

Specification

Select valid cases using BPREAD.eq.1

	NEWSYST
Initially set all cases =	-9
Not applicable - respondent pregnant NLPREGJ.eq.1	-1
BP measurement refused BPRESPS.eq.6	-7
Insufficient data - had only 1 valid reading, or 2 valid readings, or blood pressure measurement attempted but not obtained, or bp measurement not attempted. BPRESPS.in.(2:5)	-9
Valid values BPRESPS.eq.1.and SECSYS.gt.0.and.THIRDSYS.gt.0	

$$\text{NEWSYST} = \frac{\text{SECSYS} + \text{THIRDSYS}}{2}$$

(Q) DIABP1: Mean diastolic BP - grouped

Value labels

- 1 Not applicable
- 7 BP measurement refused
- 9 No answer or insufficient data

- 1 Less than 60
- 2 60 - <65
- 3 65 - <70
- 4 70 - <75
- 5 75 - <80
- 6 80 - <85
- 7 85 - <90
- 8 90 - <95
- 9 95 - <100
- 10 100 - <105
- 11 105 - <110
- 12 110 - <115
- 13 115 - <120
- 14 120 or over

Notes:

Created in Quantum.

Specification

	DIABP1
Initially set all cases =	-9
Not applicable - respondent pregnant NLPREGJ.eq.1	-1
BP measurement refused BPRESPS.eq.6	-7
Insufficient data - had only 1 valid reading, or 2 valid readings, or blood pressure measurement attempted but not obtained, or bp measurement not attempted. BPRESPS.in.(2:5)	-9
Less than 60 NEWDIASST.ge.0.and.NEWDIASST.lt.60	1
60 - <65 NEWDIASST.ge.60.and.NEWDIASST.lt.65	2

65 - <70 NEWDIAST.ge.65.and.NEWDIAST.lt.70	3
70 - <75 NEWDIAST.ge.70.and.NEWDIAST.lt.75	4
75 - <80 NEWDIAST.ge.75.and.NEWDIAST.lt.80	5
80 - <85 NEWDIAST.ge.80.and.NEWDIAST.lt.85	6
85 - <90 NEWDIAST.ge.85.and.NEWDIAST.lt.90	7
90 - <95 NEWDIAST.ge.90.and.NEWDIAST.lt.95	8
95 - <100 NEWDIAST.ge.95.and.NEWDIAST.lt.100	9
100 - <105 NEWDIAST.ge.100.and.NEWDIAST.lt.105	10
105 - <110 NEWDIAST.ge.105.and.NEWDIAST.lt.110	11
110 - <115 NEWDIAST.ge.110.and.NEWDIAST.lt.115	12
115 - <120 NEWDIAST.ge.115.and.NEWDIAST.lt.120	13
120 or over NEWDIAST.ge.120	14

(Q) SYSBP1: Mean systolic BP - grouped

Value labels

- 1 Not applicable
- 7 BP measurement refused
- 9 No answer or insufficient data

- 1 Less than 120
- 2 120 - <130
- 3 130 - <140
- 4 140 - <150
- 5 150 - <160
- 6 160 - <170
- 7 170 - <180
- 8 180 - <190
- 9 190 - <200
- 10 200 or over

Notes:

Created in Quantum.

Specification

	SYSBP1
Initially set all cases =	-9
Not applicable - respondent pregnant NLPREGJ.eq.1	-1
BP measurement refused BPRESPS.eq.6	-7
Insufficient data - had only 1 valid reading, or 2 valid readings, or blood pressure measurement attempted but not obtained, or bp measurement not attempted. BPRESPS.in.(2:5)	-9
Less than 120 NEWSYST.ge.0.and.NEWSYST.lt.120	1
120 - <130 NEWSYST.ge.120.and.NEWSYST.lt.130	2
130 - <140 NEWSYST.ge.130.and.NEWSYST.lt.140	3
140 - <150 NEWSYST.ge.140.and.NEWSYST.lt.150	4

150 - <160 NEWSYST.ge.150.and.NEWSYST.lt.160	5
160 - <170 NEWSYST.ge.160.and.NEWSYST.lt.170	6
170 - <180 NEWSYST.ge.170.and.NEWSYST.lt.180	7
180 - <190 NEWSYST.ge.180.and.NEWSYST.lt.190	8
190 - <200 NEWSYST.ge.190.and.NEWSYST.lt.200	9
200 or over NEWSYST.ge.200	10

(Q) NEWMAP: Mean arterial BP (mean of 2nd & 3rd)

Value labels

- 1 Not applicable
- 7 BP measurement refused
- 9 No answer or insufficient data

Notes:

Created in Quantum.

Specification

	NEWMAP
Initially set all cases =	-9
Not applicable - respondent pregnant NLPREGJ.eq.1	-1
BP measurement refused BPRESPTS.eq.6	-7
Insufficient data - had only 1 valid reading, or 2 valid readings, or blood pressure measurement attempted but not obtained, or bp measurement not attempted. BPRESPTS.in.(2:5)	-9
Valid values BPRESPTS.eq.1.and SECMAP.gt.0.and.THIRDMAP.gt.0	

$$\text{NEWMAP} = \frac{\text{SECMAP} + \text{THIRDMAP}}{2}$$

(Q) ISOSYS: Isolated systolic hypertension

Value labels

- 1 Not applicable
- 7 BP measurement refused
- 9 No answer or insufficient data

- 1 Systolic not raised
- 2 Systolic and diastolic raised
- 3 Isolated systolic hypertension

Notes:

Created in Quantum.

Specification

	ISOSYS
Initially set all cases =	-9
Not applicable - respondent pregnant NLPREGJ.eq.1	-1
BP measurement refused BPRESPS.eq.6	-7
Insufficient data - had only 1 valid reading, or 2 valid readings, or blood pressure measurement attempted but not obtained, or bp measurement not attempted. BPRESPS.in.(2:5)	-9
Systolic not raised BPREAD.eq.1.and.NEWSYST.lt.160	1
Systolic and diastolic raised BPREAD.eq.1.and.NEWSYST.ge.160.and.NEWDIAST.ge.95	2
Isolated systolic hypertension BPREAD.eq.1.and.NEWSYST.ge.160.and.NEWDIAST.lt.95	3

(S) DIUR, BETA, ACEINH, CALCIUMB, OBPDRUG: Drugs affecting blood pressure

Variable labels:

DIUR	Diuretics
BETA	Beta blockers
ACEINH	ACE inhibitors
CALCIUMB	Calcium blockers
OBPDRUG	Other drugs affecting blood pressure
BPMEDB	Taking any drugs affecting blood pressure

Value labels:

0	'Not taking drug'
1	'Taking drug'
-9	'No answer'
-6	'No nurse schedule'

Notes:

Created in SPSS

Specification:

MISS VAL medbi01 TO medbi16().

*Diuretics.

DO IF (medbi01=-9).

 COMPUTE diur=-9.

ELSE IF (medbi01=-6).

 COMPUTE diur=-6.

ELSE IF (RANGE(medbi01,20201,20208) | RANGE(medbi02,20201,20208)

|

 RANGE(medbi03,20201,20208) | RANGE(medbi04,20201,20208)

|

 RANGE(medbi05,20201,20208) | RANGE(medbi06,20201,20208)

|

 RANGE(medbi07,20201,20208) | RANGE(medbi08,20201,20208)

|

 RANGE(medbi09,20201,20208) | RANGE(medbi10,20201,20208)

|

 RANGE(medbi11,20201,20208) | RANGE(medbi12,20201,20208)

|

 RANGE(medbi13,20201,20208) | RANGE(medbi14,20201,20208)

|

 RANGE(medbi15,20201,20208) | RANGE(medbi16,20201,20208))

 COMPUTE diur=1.

ELSE.

 COMPUTE diur=0.

END IF.

```

*Beta blockers.
DO IF (medbi01=-9).
  COMPUTE beta=-9.
ELSE IF (medbi01=-6).
  COMPUTE beta=-6.
ELSE IF ((medbi01=20400)|(medbi02=20400)|(medbi03=20400)|
  (medbi04=20400)|(medbi05=20400)|(medbi06=20400)|(medbi07=20400)|
  (medbi08=20400)|(medbi09=20400)|(medbi10=20400)|(medbi11=20400)|
  (medbi12=20400)|(medbi13=20400)|(medbi14=20400)|(medbi15=20400)|
  (medbi16=20400)).

  COMPUTE beta=1.
ELSE.
  COMPUTE beta=0.
END IF.

*Ace inhibitors.
DO IF (medbi01=-9).
  COMPUTE aceinh=-9.
ELSE IF (medbi01=-6).
  COMPUTE aceinh=-6.
ELSE IF ((medbi01=20505)|(medbi02=20505)|(medbi03=20505)|
  (medbi04=20505)|(medbi05=20505)|(medbi06=20505)|
  (medbi07=20505)|(medbi08=20505)|(medbi09=20505)|
  (medbi10=20505)|(medbi11=20505)|(medbi12=20505)|
  (medbi13=20505)|(medbi14=20505)|(medbi15=20505)|
  (medbi16=20505)).
  COMPUTE aceinh=1.
ELSE.
  COMPUTE aceinh=0.
END IF.

*Calcium blockers.
DO IF (medbi01=-9).
  COMPUTE calciumb=-9.
ELSE IF (medbi01=-6).
  COMPUTE calciumb=-6.
ELSE IF ((medbi01=20602)|(medbi02=20602)|(medbi03=20602)|
  (medbi04=20602)|(medbi05=20602)|(medbi06=20602)|
  (medbi07=20602)|(medbi08=20602)|(medbi09=20602)|
  (medbi10=20602)|(medbi11=20602)|(medbi12=20602)|
  (medbi13=20602)|(medbi14=20602)|(medbi15=20602)|
  (medbi16=20602)).
  COMPUTE calciumb=1.
ELSE.
  COMPUTE calciumb=0.
END IF.

```

```

*Other drugs affecting BP.
DO IF (medbi01=-9).
  COMPUTE obpdrug=-9.
ELSE IF (medbi01=-6).
  COMPUTE obpdrug=-6.
ELSE IF (ANY(medbi01,20501,20502,20503,20504,20506) |
  ANY(medbi02,20501,20502,20503,20504,20506) |
  ANY(medbi03,20501,20502,20503,20504,20506) |
  ANY(medbi04,20501,20502,20503,20504,20506) |
  ANY(medbi05,20501,20502,20503,20504,20506) |
  ANY(medbi06,20501,20502,20503,20504,20506) |
  ANY(medbi07,20501,20502,20503,20504,20506) |
  ANY(medbi08,20501,20502,20503,20504,20506) |
  ANY(medbi09,20501,20502,20503,20504,20506) |
  ANY(medbi10,20501,20502,20503,20504,20506) |
  ANY(medbi11,20501,20502,20503,20504,20506) |
  ANY(medbi12,20501,20502,20503,20504,20506) |
  ANY(medbi13,20501,20502,20503,20504,20506) |
  ANY(medbi14,20501,20502,20503,20504,20506) |
  ANY(medbi15,20501,20502,20503,20504,20506) |
  ANY(medbi16,20501,20502,20503,20504,20506)).
  COMPUTE obpdrug=1.
ELSE.
  COMPUTE obpdrug=0.
END IF.

VAR LAB diur 'Diuretics' beta 'Beta blockers' aceinh 'ACE
inhibitors'
      calciumb 'Calcium blockers' obpdrug 'Other drugs affecting
BP'.

MISSING VALUES diur beta aceinh calciumb obpdrug (-6 -9).
MISSING VALUES medbi01 to medbi16 (-9 thru -1) .
VAL LAB diur beta aceinh calciumb obpdrug
  0 'Not taking drug'
  1 'Taking drug'
 -9 'No answer'
 -6 'No schedule'.

```

(S) HYPER2: BP level; includes all those taking drugs affecting BP

Value Labels:

1	'Normotensive untreated'
2	'Normotensive treated'
3	'Hypertensive treated'
4	'Hypertensive untreated'
-9	'No answer on medicine taken'
-1	'BP not valid/available'
-6	'Schedule not obtained'

Notes:

Created in SPSS

Specification:

```
MISS VAL bpmedb bpread newsyst newdiast ( ).
```

```
IF (bpread=1 & bpmedb=0 & newsyst>0 &
    newsyst<160 & newdiast>0 & newdiast<95) hyper2=1.
IF (bpread=1 & bpmedb=1 & newsyst>0 &
    newsyst<160 & newdiast>0 & newdiast<95) hyper2=2.
IF (bpread=1 & bpmedb=1 & (newsyst>=160|newdiast>=95))
hyper2=3.
IF (bpread=1 & bpmedb=0 & (newsyst>=160|newdiast>=95))
hyper2=4.
IF (bpmedb=-9) hyper2=-9.
IF (bpread<>1) hyper2=-1.
IF (bpread=-6|bpmedb=-6) hyper2=-6.
EXECUTE.
```

```
MISS VAL bpmedb bpread newsyst newdiast hyper2 (-9 THRU -1).
VARIABLE LABEL hyper2 'BP level; includes all those taking
drugs affecting BP'.
```

```
VAL LAB hyper2
  1 'Normotensive untreated'
  2 'Normotensive treated'
  3 'Hypertensive treated'
  4 'Hypertensive untreated'
 -9 'No answer on medicine taken'
 -1 'BP not valid/available'
 -6 'No schedule' .
```

(S) HIGHBP2: Whether hypertensive or not hypertensive.

Value Labels:

0	'Not high BP'
1	'High BP'
-9	'No answer on medicine taken'
-1	'BP readings not valid/available'
-6	'Schedule not obtained'

Notes:

Created in SPSS

Specification:

```
RECODE hyper2 (1=0) (2 3 4=1) (ELSE=COPY) INTO highbp2.
```

```
MISS VAL highbp2 (-9 THRU -1).
```

```
VARIABLE LABEL highbp2 'Whether hypertensive or not  
hypertensive' .
```

```
VAL LAB highbp2
```

```
    0 'Not high BP'  
    1 'High BP'  
   -9 'No answer on medicine taken'  
   -1 'BP readings not valid/available'  
   -6 'Schedule not obtained'.
```

(S) PULSE: Pulse (mean 2nd/3rd)

Value Labels:

- 1 'Item not applicable'
- 6 'Schedule not obtained'
- 7 'Measurement refused/not attempted'
- 9 'Insufficient data'

Notes:

Created in SPSS

The intermediate variables PUL2 and PUL3 are not saved on the data set.

Specification:

```
MISSING VALUES bpread ( ) .
```

```
COMPUTE pul2 = secsys - secdia.  
COMPUTE pul3 = thirdsyst - thirddia.
```

```
COMPUTE pulse=-1.  
IF (newsyst>0 & newdiast>0) pulse= (pul2 + pul3) / 2 .  
IF (bpread = -6) pulse = -6 .  
IF (bpread = 6) pulse = -7 .  
IF (bpread = 3|bpread = 4) pulse = -9 .  
EXECUTE .
```

```
MISS VAL bpread pulse (-9 thru -1).
```

```
VARIABLE LABEL pulse 'Pulse (mean 2nd/3rd)' .  
VALUE LABELS pulse  
-1 'Item not applicable'  
-6 'Schedule not obtained'  
-7 'Measurement refused/not attempted'  
-9 'Insufficient data'.
```

Height and Weight

(Q) HTOK: Whether height measurement is valid

Value labels

- 9 No answer
- 1 Valid
- 2 Not usable
- 3 Refused
- 4 Attempted but not obtained
- 5 Not attempted

Notes:

Created in Quantum.

Specification

	HTOK
No answer HTRESP.eq.-9	-9
Valid - height measured and measure reliable. Where RELHITEB was not answered the measure is assumed to be useable. HTRESP.eq.1.and.RELHITEB.in.(1,2,-9)	1
Not usable - height measured but unreliable HTRESP.eq.1.and.RELHITEB.eq.3	2
Refused HTRESP.eq.2	3
Attempted but not obtained HTRESP.eq.3	4
Not attempted HTRESP.eq.4	5

(Q) HTGM: Height grouped for men (in cm)

Value labels

-1 Not applic - women

1 <160

2 160 - <165

3 165 - <170

4 170 - <175

5 175 - <180

6 180 or more

Notes:

Created in Quantum.

To select only cases with heights actually measured and considered reliable, use HTOK.eq.1.

To select above cases plus those with estimated heights, use HTOK equals 1, 3, 4, or 5.

Specification

	HTGM
Not applicable - women SEX.eq.2	-1
<160 EMHEIGHT.gt.0.and.EMHEIGHT.lt.160	1
160 - <165 EMHEIGHT.ge.160.and.EMHEIGHT.lt.165	2
165 - <170 EMHEIGHT.ge.165.and.EMHEIGHT.lt.170	3
170 - <175 EMHEIGHT.ge.170.and.EMHEIGHT.lt.175	4
175 - <180 EMHEIGHT.ge.175.and.EMHEIGHT.lt.180	5
180 or more EMHEIGHT.ge.180	6

(Q) HTGW: Height grouped for women (in cm)

Value labels

-1 Not applicable - men

1 <155

2 155 - <160

3 160 - <165

4 165 - <170

5 170 or more

Notes:

Created in Quantum.

To select only cases with heights actually measured and considered reliable, use HTOK.eq.1.

To select above cases plus those with estimated heights, use HTOK equals 1, 3, 4, or 5.

Specification

	HTGW
Not applicable - men SEX.eq.1	-1
<155 EMHEIGHT.gt.0.and.EMHEIGHT.lt.155	1
155 - <160 EMHEIGHT.ge.155.and.EMHEIGHT.lt.160	2
160 - <165 EMHEIGHT.ge.160.and.EMHEIGHT.lt.165	3
165 - <170 EMHEIGHT.ge.165.and.EMHEIGHT.lt.170	4
170 or more EMHEIGHT.ge.170	5

(Q) WTOK: Whether weight measure is valid

Value labels

- 1 Not applicable
- 9 No answer

- 1 Valid
- 2 Not usable
- 3 Refused
- 4 Attempted but not obtained
- 5 Not attempted

Notes:

Created in Quantum.

Specification

	WTOK
No answer WTRESP.eq.-9	-9
Not applicable - pregnant SEX.eq.2.and.PREGNOWB.eq.1	-1
Valid - weight measured and measure reliable. Where RELWAITB was not answered the measure is assumed to be useable. WTRESP.eq.1.and.RELWAITB.in.(1,2,-9)	1
Not usable - height measured but unreliable WTRESP.eq.1.and.RELWAITB.eq.3	2
Refused WTRESP.eq.2	3
Attempted but not obtained WTRESP.eq.3	4
Not attempted WTRESP.eq.4.or.PREGNOWB.eq.-9	5

(Q) WTGM: Weight grouped for men (in kg)

Value labels

- 1 Not applicable - women
- 9 No answer

- 1 <60
- 2 60 - <70
- 3 70 - <80
- 4 80 - <90
- 5 90 or more

Notes:

Created in Quantum.

To select only cases with weights actually measured and considered reliable, use WTOK.eq.1.

To select above cases plus those with estimated weights, use WTOK equals 1, 3, 4, or 5.

Specification

	WTGM
Not applicable - women SEX.eq.2	-1
No answer WTOK.eq.-9	-9
<60 EMWEIGHT.gt.0.and.EMWEIGHT.lt.60	1
60 - <70 EMWEIGHT.ge.60.and.EMWEIGHT.lt.70	2
70 - <80 EMWEIGHT.ge.70.and.EMWEIGHT.lt.80	3
80 - <90 EMWEIGHT.ge.80.and.EMWEIGHT.lt.90	4
90 or more EMWEIGHT.ge.90	5

(Q) WTGW: Weight grouped for women (in kg)

Value labels

- 1 Not applicable - men
- 9 No answer

- 1 <50
- 2 50 - <60
- 3 60 - <70
- 4 70 - <80
- 5 80 or more

Notes:

Created in Quantum.

To select only cases with weights actually measured and considered reliable, use WTOK.eq.1.

To select above cases plus those with estimated weights, use WTOK equals 1, 3, 4, or 5.

Specification

	WTGW
Not applicable - men SEX.eq.1	-1
No answer WTOK.eq.-9	-9
<50 EMWEIGHT.gt.0.and.EMWEIGHT.lt.50	1
50 - <60 2 EMWEIGHT.ge.50.and.EMWEIGHT.lt.60	2
60 - <70 EMWEIGHT.ge.60.and.EMWEIGHT.lt.70	3
70 - <80 EMWEIGHT.ge.70.and.EMWEIGHT.lt.80	4
80 or more EMWEIGHT.ge.80	5

Obesity

(Q) BMIOK: Whether body mass index measure valid

Value labels

- 1 Not applicable
- 9 No answer

- 1 Valid
- 2 Not usable
- 3 Height/weight refused
- 4 Height/weight attempted but not obtained
- 5 Height/weight not attempted

Notes:

Created in Quantum.

Specification

	BMIOK
Not applicable HTOK.eq.-1.or.WTOK.eq.-1	-1
No answer HTOK.eq.-9.or.WTOK.eq.-9	-9
Valid HTOK.eq.1.and.WTOK.eq.1	1
Not usable - height measured but unreliable HTOK.eq.2.or.WTOK.eq.2	2
Refused HTOK.eq.3.or.WTOK.eq.3	3
Attempted but not obtained HTOK.eq.4.or.WTOK.eq.4	4
Not attempted HTOK.eq.5.or.WTOK.eq.5	5

(Q) BMI: Body mass index

Value labels

- 1 Not applicable
- 9 No answer

Notes:

Created in Quantum.

To select only cases with both weights and heights actually measured and considered reliable, use BMIOK.eq.1.

To select above cases plus those with estimated weights and heights, use BMIOK equals 1, 3, 4, or 5.

Specification

Valid values:

For EMHEIGHT.gt.0.and.EMWEIGHT.gt.0

$$\text{BMI} = \text{EMWEIGHT} / \text{EMHEIGHT} \times \text{EMHEIGHT}$$

(Q) BMIAG1: BMI grouped

Value labels

- 1 Not applicable
- 9 No answer

- 1 <20
- 2 20 - <25
- 3 25 - <30
- 4 30 or over

Notes:

Created in Quantum.

To select only cases with both weights and heights actually measured and considered reliable, use BMIOK.eq.1.

To select above cases plus those with estimated weights and heights, use BMIOK equals 1, 3, 4, or 5.

Specification

	BMIAG1
<20 BMI.gt.0.and.BMI.lt.20	1
20 - <25 BMI.ge.20.and.BMI.lt.25	2
25 - <30 BMI.ge.25.and.BMI.lt.30	3
30 or over BMI.ge.30	4

(S) HIBMI: Obese

Value Labels:

1 'BMI 25 or under'
2 'Overweight (BMI 25-30)'
3 'Obese (BMI over 30)'
-9 'not answered'
-1 'item not applicable'

Notes:

Created in SPSS

Specification:

```
RECODE bmiag1 (1 2=1) (3=2) (4=3)(ELSE = COPY) INTO hibmi.
```

```
MISSING VALUES hibmi (-9 -1) .
```

```
VARIABLE LABELS hibmi 'Obese'.
```

```
VALUE LABELS hibmi  
  1 'BMI 25 or under'  
  2 'Overweight (BMI 25-30)'  
  3 'Obese (BMI over 30)'  
 -9 'not answered'  
-1 'item not applicable'.
```

WAIST-HIP

(Q) WHOK: Whether hip-ratio valid

Value labels

- 1 Not applicable
- 9 No/incomplete data

- 1 Valid
- 2 Unuseable measurements
- 3 Measurements refused
- 4 Measurements not attempted

Notes:

Created in Quantum.

Specification

	WHOK
Not applicable - respondent pregnant PREGNTJ.eq.1	-1
No/incomplete data - no answer or only one measurement obtained WHMEASOB.in.(-9,2)	-9
Valid - both measurements obtained and measurements reliable or only slightly unreliable and difference between measurements less than or equal to 3 cm. WHMEASOB.eq.1.and.WRESPS.in.(1:3,-9).and.HRESPS.in.(1:3,-9).and. (Absolute value Hip1 - Hip2 le.3.0).and.(Absolute value Waist1 - Waist2 le.3.0)	1
Unuseable measurements - unreliable measurements WRESPS.eq.4.or.HRESPS.eq.4	2
Unuseable measurements - difference between measurements greater than 3 cm. (Absolute value Hip1 - Hip2 gt.3.0).or.(Absolute value Waist1 - Waist2 gt.3.0)	2
Both measurements refused WHMEASOB.eq.3	3
Measurements not attempted WHMEASOB.eq.4	4

(Q) ALWHIPRA: Mean waist-hip ratio

Value labels

-1 Not applic/no,unreliable or insufficient data/refused

Notes:

Created in Quantum.

Derived for all cases where both waist and hip measurements taken.
Valid cases selected using WHOK.eq.1

Specification

For WAIST1.gt.0.and.WAIST2.gt.0.and.HIP1.gt.0.and.HIP2.gt.0

$$ALWHIPRA = (WAIST1 + WAIST2)/(HIP1 + HIP2)$$

(Q) ALWHRMG1: Waist-hip ratio grouped for men

Value labels

-1 Not applic/no,unreliable or insufficient data/refused

1 <0.80

2 0.80 - <0.85

3 0.85 - <0.90

4 0.90 - <0.95

5 0.95 - <1.00

6 1.00 or more

Notes:

Created in Quantum.

Select valid cases selected using WHOK.eq.1

Specification

	ALWHRMG1
Not applicable - women SEX.eq.2	-1
<0.80 ALWHIPRA.gt.0.and.ALWHIPRA.lt.0.80	1
0.80 - <0.85 ALWHIPRA.ge.0.80.and.ALWHIPRA.lt.0.85	2
0.85 - <0.90 ALWHIPRA.ge.0.85.and.ALWHIPRA.lt.0.90	3
0.90 - <0.95 ALWHIPRA.ge.0.90.and.ALWHIPRA.lt.0.95	4
0.95 - <1.00 ALWHIPRA.ge.0.95.and.ALWHIPRA.lt.1.00	5
1.00 or more ALWHIPRA.ge.1.00	6

(Q) ALWHRWG1: Waist-hip ratio grouped for women

Value labels

- 1 Not applic/no,unreliable or insufficient data/refused
- 1 <0.70
- 2 0.70 - <0.75
- 3 0.75 - <0.80
- 4 0.80 - <0.85
- 5 0.85 - <0.90
- 6 0.90 or more

Notes:

Created in Quantum.

Select valid cases selected using WHOK.eq.1

Specification

	ALWHRWG1
Not applicable - men SEX.eq.1	-1
<0.70 ALWHIPRA.gt.0.and.ALWHIPRA.lt.0.70	1
0.70 - <0.75 ALWHIPRA.ge.0.70.and.ALWHIPRA.lt.0.75	2
0.75 - <0.80 ALWHIPRA.ge.0.75.and.ALWHIPRA.lt.0.80	3
0.80 - <0.85 ALWHIPRA.ge.0.80.and.ALWHIPRA.lt.0.85	4
0.85 - <0.90 ALWHIPRA.ge.0.85.and.ALWHIPRA.lt.0.90	5
0.90 or more ALWHIPRA.ge.0.90	6

Blood Analytes

(S) RESPBA: Response to blood sample

Value Labels:

- 1 'Consent and blood obtained'
- 2 'Consent given, no blood obtained'
- 3 'Ineligible'
- 4 'Refused'
- 6 'Schedule not obtained'

Notes:

Created in SPSS

This variable is the filter to select 'valid' cases for all blood analyte analysis.

Specification:

```
MISS VAL bswill ().
IF (bswill=1 & samptakb=1) respba=1.
IF (bswill=1 & samptakb=2) respba=2.
IF (medbi01=20802|medbi02=20802|medbi03=20802|medbi04=20802 |
    medbi05=20802|medbi06=20802|medbi07=20802|medbi08=20802 |
    medbi09=20802|medbi10=20802|medbi11=20802|medbi12=20802 |
    medbi13=20802|medbi14=20802|medbi15=20802|medbi16=20802 |
    clotb=1|pregntj=1|ncguard=2|ncguard=3) respba=3.
IF (bswill=2|bsconst=2) respba=4.
IF (bswill=-6) respba=-6.
EXECUTE .

VAR LAB respba 'Response to blood sample'.
MISS VAL bswill respba (-6).
VAL LAB respba
    1 'Consent and blood obtained'
    2 'Consent given, no blood obtained'
    3 'Ineligible'
    4 'Refused'
    -6 'Schedule not obtained'.
```

(S) VALID: Valid total cholesterol measurement

Value Labels:

1 'Yes'
2 'No'
-1 'item not applicable'
-6 'schedule not obtained'

Notes:

Created in SPSS

Specification:

```
MISS VAL cholq respba ().  
COMPUTE valid = -6.  
IF (respba=1 & NOT(RANGE(cholq,1,8))) valid=1.  
IF (respba=1 & RANGE(cholq,1,8)) valid=2.  
IF (respba = 2|respba = 3|respba = 4) valid=-1.  
EXECUTE .
```

```
MISS VAL cholq respba valid (-9 thru -1) .  
VARIABLE LABEL valid 'Valid total cholesterol measurement' .  
VAL LAB valid      1 'Yes'  
                  2 'No'  
                  -1 'item not applicable'  
                  -6 'schedule not obtained' .
```

(S) VALHDL: Valid HDL cholesterol measurement

Value Labels:

1 'Yes'
2 'No'
-1 'item not applicable'
-6 'schedule not obtained'

Notes:

Created in SPSS

Specification:

```
MISS VAL cholq respba ().  
COMPUTE valhdl = -6.  
IF (respba=1 & NOT(RANGE(hdlchlq,1,8))) valhdl=1.  
IF (respba=1 & RANGE(hdlchlq,1,8)) valhdl=2.  
IF (respba = 2|respba = 3|respba = 4) valhdl=-1.  
EXECUTE .
```

```
MISS VAL cholq respba valhdl (-9 thru -1) .  
VARIABLE LABEL valhdl 'Valid HDL cholesterol measurement' .  
VAL LAB valhdl 1 'Yes'  
2 'No'  
-1 'item not applicable'  
-6 'schedule not obtained' .
```

(S) VALFIB: Valid fibrinogen measurement

Value Labels:

1 'Yes'
2 'No'
-1 'item not applicable'
-6 'schedule not obtained'

Notes:

Created in SPSS

Specification:

```
MISS VAL fibrinq respba ().
```

```
COMPUTE valfib=-6.  
IF (respba=1 & NOT(RANGE(fibrinq,1,8))) valfib=1.  
IF (respba=1 & (RANGE(fibrinq,1,8))) valfib=2.  
IF (respba = 2|respba = 3|respba = 4) valfib=-1.  
EXECUTE .
```

```
MISS VAL fibrinq respba valfib (-9 thru -1) .  
VARIBALE LABEL valfib 'Valid fibrinogen measurement' .  
VAL LAB valfib 1 'Yes'  
2 'No'  
-1 'item not applicable'  
-6 'schedule not obtained'.
```

(S) VALHAEM: Valid haemoglobin measurement

Value Labels:

1 'Yes'
2 'No'
-1 'item not applicable'
-6 'schedule not obtained'

Notes:

Created in SPSS

Specification:

```
MISS VAL haemoq respba ( ).
```

```
COMPUTE valhaem=-6.  
IF (respba=1 & NOT(RANGE(haemoq,1,8))) valhaem=1.  
IF (respba=1 & (RANGE(haemoq,1,8))) valhaem=2.  
IF (respba = 2|respba = 3|respba = 4) valhaem=-1.  
EXECUTE .
```

```
MISS VAL haemoq respba valhaem (-9 thru -1) .
```

```
VARIABLE LABEL valhaem 'Valid haemoglobin measurement' .  
VAL LAB valhaem 1 'Yes'  
2 'No'  
-1 'item not applicable'  
-6 'schedule not obtained'.
```

(S) VALFER: Valid ferritin measurement

Value Labels:

1 'Yes'
2 'No'
-1 'item not applicable'
-6 'schedule not obtained'

Notes:

Created in SPSS

Specification:

```
MISS VAL ferritq respba ().
```

```
COMPUTE valfer=-6.  
IF (respba=1 & NOT(RANGE(ferritq,1,8))) valfer=1.  
IF (respba=1 & (RANGE(ferritq,1,8))) valfer=2.  
IF (respba = 2|respba = 3|respba = 4) valfer=-1.  
EXECUTE .
```

```
MISS VAL ferritq respba valfer (-9 thru -1) .  
VARIABLE LABEL valfer 'Valid ferritin measurement' .  
VAL LAB valfer 1 'Yes' 2 'No'.
```

(S) CHOLVGRP: Total cholesterol grouped

Value labels:

1	'Less than 5.2'
2	'5.2, less than 6.5'
3	'6.5, less than 7.8'
4	'7.8 or more'
-1	'item not applicable'
-9	'could not be analysed'

Notes:

Created in SPSS

Specification:

```
MISS VAL cholv ( ).
```

```
RECODE cholv (1 THRU 5.1=1) (5.2 THRU 6.4=2) (6.5 THRU 7.7=3)  
          (7.8 THRU HI=4) (-1=-1) (-9=-9) INTO cholvgrp.
```

```
EXECUTE .
```

```
MISS VAL cholv cholvgrp (-1 -9).
```

```
VARIABLE LABEL cholvgrp 'total cholesterol grouped' .  
VALUE LABELS cholvgrp 1 'less than 5.2'  
                    2 '5.2, less than 6.5'  
                    3 '6.5, less than 7.8'  
                    4 '7.8 or more'  
                    -1 'item not applicable'  
                    -9 'could not be analysed' .
```

(S) HDLVGRP: HDL-cholesterol grouped

Value labels:

1 'Less than 0.9'
2 'More than 0.9'
-1 'item not applicable'
-9 'could not be analysed'

Notes:

Created in SPSS

Specification:

MISS VAL hdlchlv ().

RECODE hdlchlv (0.0 thru 0.9=1) (0.9 thru hi =2) (ELSE=COPY)
INTO hdlvgrp.
EXECUTE .

MISS VAL hdlchlv hdlvgrp (-1 -9).

VARIABLE LABEL hdlvgrp 'HDL-cholesterol grouped' .
VALUE LABELS hdlvgrp 1 'Less than 0.9'
2 'More than 0.9'
-1 'item not applicable'
-9 'could not be analysed' .

(S) FIBLOG: Log 10 fibrinogen

Value labels:

Continuous variable

Notes:

Created in SPSS

Specification:

COMPUTE fiblog = LG10(fibrinv) .

(S) FERRLOG: Log 10 ferritin

Value labels:

Continuous variable

Notes:

Created in SPSS

Specification:

COMPUTE ferrlog = LG10(ferritv) .

(S) HAEMGRPM: Haemoglobin group (men)

Value labels:

1	'Less than 13.0'
2	'13.0, less than 14.0'
3	'14.0, less than 15.5'
4	'15.5 or more'
-1	'item not applicable'
-9	'could not be analysed'

Notes:

Created in SPSS

Specification:

MISSING VALUES haemov () .

```
DO IF (respsex=1) .
  RECODE haemov (15.5 thru Hi=4) (14 thru 15.5=3) (13 thru
14=2)
  (0 thru 13=1) INTO haemgrpm.
  IF (haemov = -1) haemgrpm = -1 .
  IF (haemov = -9) haemgrpm = -9 .
END IF.
IF (respsex = 2) haemgrpm = 1 .
EXECUTE .
```

MISSING VALUES haemov haemgrpm (-9 -1) .

```
VARIABLE LABEL haemgrpm 'Haemoglobin group (men)' .
VALUE LABELS haemgrpm 1 'Less than 13.0'
                2 '13.0, less than 14.0'
                3 '14.0, less than 15.5'
                4 '15.5 or more'
                -1 'item not applicable'
                -9 'could not be analysed' .
```

(S) HAEMGRPW: Haemoglobin group (women)

Value labels:

1	'Less than 12.0'
2	'12.0, less than 13.0'
3	'13.0, less than 14.0'
4	'14.0 or more'
-1	'item not applicable'
-9	'could not be analysed'

Notes:

Created in SPSS

Specification:

MISSING VALUES haemov () .

```
DO IF (respsex=2) .
  RECODE haemov (14 thru Hi=4) (13 thru 14=3) (12 thru 13=2)
    (0 thru 12=1) INTO haemgrpw.
  IF (haemov = -1) haemgrpw = -1 .
  IF (haemov = -9) haemgrpw = -9 .
END IF.
IF (respsex = 1) haemgrpw = 1 .
EXECUTE .
```

MISSING VALUES haemov haemgrpw (-9 -1) .

```
VARIABLE LABEL haemgrpw 'Haemoglobin group (women)' .
VALUE LABELS haemgrpw 1 'Less than 12.0'
                   2 '12.0, less than 13.0'
                   3 '13.0, less than 14.0'
                   4 '14 or more'
                   -1 'item not applicable'
                   -9 'could not be analysed' .
```

(S) FERRGRPM: Ferritin group (men)

Value labels:

1	'1st quintile'
2	'2nd quintile'
3	'3rd quintile'
4	'4th quintile'
5	'5th quintile'
-1	'item not applicable'
-9	'could not be analysed'

Notes:

Created in SPSS

Specification:

```
MISSING VALUES ferritv ( ) .

DO IF (respsex = 1) .
  RECODE ferritv (166 thru Hi=5) (109 thru 166=4) (81 thru
109=3)
  (54 thru 81=2) (0 thru 54=1) INTO ferrgrpm .
  IF (ferrtiv = -1) ferrgrpm = -1 .
  IF (ferritv = -9) ferrgrpm = -9 .
END IF .
IF (respsex = 2) ferrgrpm = -1 .
EXECUTE .

MISSING VALUES ferritv ferrgrpm (-9 -1) .

VARIABLE LABEL ferrgrpm 'Ferritin group (men)' .
VALUE LABELS ferrgrpm 1 'first quintile'
2 'second quintile'
3 'third quintile'
4 'fourth quintile'
5 'fifth quintile'
-1 'item not applicable'
-9 'could not be analysed' .
```

(S) FERRGRPW: Ferritin group (women)

Value labels:

1	'1st quintile'
2	'2nd quintile'
3	'3rd quintile'
4	'4th quintile'
5	'5th quintile'
-1	'item not applicable'
-9	'could not be analysed'

Notes:

Created in SPSS

Specification:

```
MISSING VALUES ferritv ( ) .
```

```
DO IF (respsex = 2) .  
  RECODE ferritv (69 thru Hi=5) (45 thru 69=4) (32 thru 45=3)  
    (20 thru 32=2) (0 thru 20=1) INTO ferrgrpw .  
  IF (ferrtiv = -1) ferrgrpw = -1 .  
  IF (ferritv = -9) ferrgrpw = -9 .  
END IF .  
IF (respsex = 1) ferrgrpw = -1 .  
EXECUTE .
```

```
MISSING VALUES ferritv ferrgrpw (-9 -1) .
```

```
VARIABLE LABEL ferrgrpw 'Ferritin group (women)' .  
VALUE LABELS ferrgrpw 1 'first quintile'  
  2 'second quintile'  
  3 'third quintile'  
  4 'fourth quintile'  
  5 'fifth quintile'  
 -1 'item not applicab le'  
 -9 'could not be analysed' .
```

(S) FERRGRP: Ferritin group (both sexes)

Value labels:

1 '1st quintile'
2 '2nd quintile'
3 '3rd quintile'
4 '4th quintile'
5 '5th quintile'
-1 'item not applicable'
-9 'could not be analysed'

Notes:

Created in SPSS

Specification:

MISSING VALUES ferritv () .

RECODE ferritv (124 thru Hi=5) (77 thru 124=4) (50 thru 77=3)
(29 thru 50=2) (0 thru 29=1) INTO ferrgrp .

IF (ferritv = -1) ferrgrp = -1 .

IF (ferritv = -9) ferrgrp = -9 .

EXECUTE .

MISSING VALUES ferritv ferrgrp (-9 -1) .

VARIABLE LABEL ferrgrp 'Ferritin group (both sexes)' .

VALUE LABELS ferrgrp 1 'first quintile'
2 'second quintile'
3 'third quintile'
4 'fourth quintile'
5 'fifth quintile'
-1 'item not applicable'
-9 'could not be analysed' .

(S) TCRATIO: total cholesterol ratio

Value labels:

-9 'could not be analysed'
-6 'schedule not obtained'
-1 'item not applicable'

Notes:

Created in SPSS

Specification:

```
MISSING VALUES a_tocoph cholv ( ) .
```

```
COMPUTE tcratio=a_tocoph/cholv.
```

```
IF (a_tocoph = -9 or cholv = -9) tcratio = -9 .
```

```
IF (a_tocoph = -6) tcratio = -6 .
```

```
IF (a_tocoph = -1 & (cholv = -1 or cholv = 1)) tcratio = -1 .
```

```
EXECUTE .
```

```
MISSING VALUES a_tocoph cholv tcratio (-9 thru -1) .
```

```
VARIABLE LABEL tcratio 'total cholesterol ratio' .
```

```
VALUE LABELS tcratio -9 'could not be analysed'
```

```
-6 'schedule not obtained'
```

```
-1 'item not applicable' .
```