

Technical Paper

National Nutrition Survey

**Confidentialised Unit
Record File**

1995

Australian Bureau of Statistics

Canberra

Revised September 1998

CONTENTS

	Page
List of abbreviations and symbols	iv
Overview	
Introduction	1
About the survey	1
Further information	2
Conditions of release	
Overview	3
Conditions of sale	4
Legislative authority	6
NNS CURF files	
Introduction	9
About the NNS CURF files	9
Record types	11
Merging data files	12
Notes	12
NHS CURF	13
Structure of the documentation files	13
Information on NNS data items	15
Socio demographic data	15
Food and nutrient intake	16
Food frequency questionnaire	18
Decimal places	19
Not stated and not applicable codes	20
Day of week	21
Nutrient adjustment factors	21
Using the data	
Effects of sampling	26
Use of weights	26
NNS data file	27
NHS data file	28
Standard errors	28
Appendixes	
1 National Nutrition Survey data items	
Person level	30
Food level	42
2 National Health Survey data items	44
3 National Nutrition Survey Day 2 data items	
Person level	73
Food level	77
4 Aggregated NNS data items	79
5 ANSURS technical support files	83

LIST OF ABBREVIATIONS AND SYMBOLS ...

ABBREVIATIONS

ABS	Australian Bureau of Statistics
ANZFA	Australia New Zealand Food Authority
BMI	Body mass index
CD	Collector's District
CURF	Confidentialised unit record file
FFQ	Food frequency questionnaire
IFIQ	Individual food intake questionnaire
NHS	National Health Survey
NNS	National Nutrition Survey
SE	Standard error
SEIFA	Socio-economic Indexes For Areas
SF36	Short form 36

SYMBOLS

cm	centimetre
g	gram
kg	kilogram
kJ	kilojoule
mcg	microgram
mg	milligram
mmHg	millimetre of mercury

OVERVIEW

INTRODUCTION

This document provides information about the 1995 National Nutrition Survey (NNS) Confidentialised Unit Record File (CURF). The NNS CURF is available on either CD-ROM or floppy disk. More detailed documentation is provided in electronic form.

The release of these data is possible under the *Census and Statistics Act 1905*, which allows for the release of data in the form of unit records where the information is not likely to enable the identification of a particular person or organisation. There are no names or addresses on the file. Some items of information collected in the survey have been deleted from the unit record file and the level of detail for some others has been suppressed or reduced to ensure that the confidentiality of individuals has been protected.

The 1995 NNS CURF is released under strict conditions which are specified in 'Conditions of release'.

There are 13,858 records on the 1995 NNS CURF, which when weighted by expansion factors on each record, gives a population estimate of 17,567,930 for people aged 2 years and over. Some minor discrepancies should be expected due to rounding.

Subject to limitations of sample size and the data classifications used, it is possible for users to manipulate the data, produce tabulations and undertake statistical analyses to their own specifications. Any statistics produced from the sample file will be subject to sampling error.

ABOUT THE SURVEY

The 1995 NNS is a comprehensive survey of Australians' diets. Detailed information was collected from people aged two years and over on food and beverage intake, physical measures, food-related habits and attitudes, and usual frequency of consumption of selected foods. Nutrient intake was later derived from reported food and beverage intake. The survey was a joint project between the Australian Bureau of Statistics (ABS) and the Commonwealth Department of Health and Family Services.

The survey was conducted from February 1995 to March 1996 in all States and Territories across urban and rural areas. A sample of participants from the 1995 National Health Survey (NHS) were invited to participate in the NNS, with the NNS interview taking place several weeks after the NHS interview.

The survey was conducted under the authority of the *Census and Statistics Act 1905*, on a voluntary basis.

The NHS sampled approximately 23,800 private dwellings (houses, flats, etc.) and non-private dwellings (including hotels, boarding houses and institutions). Households were selected at random using a stratified multistage area sample which ensured that persons within each State and Territory had a known and, in the main, equal chance of selection in the NHS.

ABOUT THE SURVEY *continued*

Certain groups of persons were excluded from the scope of the NHS. These were non-Australian diplomatic personnel and non-Australian members of their households, persons from overseas holidaying in Australia, members of non-Australian defence forces and their dependants stationed in Australia, and persons in special dwellings (including hotels, boarding houses and institutions).

The NNS sample was systematically selected from the base NHS sample of private dwellings only. Approximately 13,800 persons aged two years and over agreed to participate in the NNS.

The NNS was conducted on a maximum of two in-scope people per household in urban areas and three in-scope people in rural households. To increase the sample in Queensland, three people were invited to participate in both urban and rural households. These people were randomly selected from those living in the household. In addition, all people aged 65 years and over, who lived in households selected for the NNS, were invited to participate in the NNS.

A sub-sample of approximately 1,500 NNS participants provided Day 2 food intake data. This was for a second 24-hour period on a different day of the week and usually within 10 days of the first interview.

Detailed information about the 1995 NNS and the 1995 NHS are contained in:

- *National Nutrition Survey: Users' Guide, Australia, 1995* (Cat. no. 4801.0).
- *National Health Survey: Users' Guide, Australia, 1995* (Cat. no. 4363.0.0).
- *National Health Survey: Data Reference Package, 1995* (Product no. 9959.0435).

FURTHER INFORMATION

Subject matter queries

If you have any subject matter queries, please contact Gary Sutton on Canberra 02 6252 7318, or facsimile on 02 6252 8007, or E-mail gary.sutton@abs.gov.au. This technical paper is available in electronic Acrobat format on request.

Technical queries

If you have any technical queries, please contact Brian Murray on Canberra 02 6252 6526 or facsimile (02) 6252 6530, or Email brian.murray@abs.gov.au.

CONDITIONS OF RELEASE

OVERVIEW

The 1995 NNS CURF is released in accordance with a Ministerial Determination (Clause 7, Statutory Rules 1983, No. 19) made in pursuance of Section 13 of the *Census and Statistics Act* 1905. As required by the Determination, the CURF has been designed so that the information on the file is not likely to enable the identification of the particular persons to whom it relates.

The Undertaking

Under no circumstances can data in the form of unit records be made available to persons or organisations other than those covered by the Undertaking, without the written authority of the Australian Statistician.

It is the responsibility of the authorising officer within your organisation to ensure that the CURF is placed in a secure environment and that access to unit record data is restricted on a needs basis.

Use of the data for unauthorised purposes may render you liable to severe penalties. Advice about the propriety of any particular intended use of the data is available from the Director, Health Section, telephone Canberra (02) 6252 7995.

Delivery

While the utmost care is taken in preparing and handling each CURF, deterioration may occur between the time of copying and receipt of the file. Accordingly, if the file is unreadable on receipt and this is reported to the ABS within 30 days of receipt, it will be replaced free of charge. As an added precaution, a security copy (backup) of the file should be made on receipt.

CONDITIONS OF SALE

Interpretation

- 'ABS' means the Australian Bureau of Statistics;
- 'Information' means 1995 National Nutrition Survey Confidentialised Unit Record File;
- 'Commercialise', in respect of the Information or a product derived from the Information, means to manufacture, sell, distribute, hire or otherwise exploit a product or process, or to provide a service, incorporating the Information or any other product or service derived from the Information, or to license a third party to do any of the above;
- 'Purchaser' means any individual or organisation granted access to the CURE;
- 'License Fee' means \$7,500;
- 'Statistical Purposes' means use by the Purchaser to produce Information of a statistical nature. Examples of such uses are:
 - the manipulation of the Information to produce means, correlations or other descriptive or summary measures;
 - the estimation of population characteristics from the Information;
 - the use of the Information as input to mathematical models and for other types of analyses (e.g. factor analysis); and
 - to provide graphical or pictorial representations of characteristics of the population or subsets of the population.

Permitted uses

- The ABS grants the Purchaser a non-transferable, non-exclusive licence to use the Information on the terms and conditions set out in the associated Undertaking.
- The Purchaser is permitted to:
 - use the Information within, and for the purposes of, their organisation only;
 - use the Information for Statistical Purposes only;
 - make a back-up copy of the Information to be labelled with the same copyright notice as the Information and to be used by their organisation only; and
 - produce hard copies and computer files from the Information for use within their organisation.
- The Purchaser must treat the Information as private and confidential to the ABS and must take all reasonable measures to protect the Information from unauthorised use, replication, distribution or publication.

Uses not permitted

- The Purchaser may not make copies of, or use, the Information, except as permitted by these Conditions of Sale.
- the Purchaser may not alter, decompile, disassemble or otherwise dispose of the Information.
- The Purchaser may not rent, lease, sub-license, lend, sell, assign or transfer the Information to a third party.

Legislative restraints

- The release of this Information to the Purchaser is subject to a Ministerial Determination made under the *Census and Statistics Act 1905*. The ABS requires the Purchaser to undertake that in using the Information the Purchaser will:
 - not attempt to identify particular persons or organisations;
 - not attempt to match the Information with administrative lists of persons or organisations;
 - use the Information only for statistical purposes; and
 - not disclose the Information to any other person or organisation.
- In accordance with the Undertaking, the Purchaser may not Commercialise the Information or any product or service incorporating that Information (whether or not amounting to a reproduction within the meaning of the *Copyright Act 1968*). The Commercialisation of products or services derived from the Information may only be carried out with the prior written agreement of the ABS. Any queries should be directed to the Manager, Secondary Distribution, on Canberra 02 6252 6998.

Breaches of these conditions

- In our sole opinion, if the Purchaser has failed to comply with any of the Conditions of Sale, the ABS by notice in writing will demand return, from the Purchaser, of all copies of the Information in their possession, power or control. The ABS may request that the Purchaser certify that they have done so. The Purchaser may also be guilty of an indictable offence punishable on conviction by a fine not exceeding \$5,000 or imprisonment for a period not exceeding two years, or both (see Legislative Authority, pp. 6-8).

Intellectual property right

- The Purchaser acknowledges that the intellectual property right, including copyright, in the Information is owned by the Commonwealth of Australia, represented by the ABS.
- Copyright notices appearing on the CURF, or on material displayed or printed from the file, shall not be removed.

LEGISLATIVE AUTHORITY

Subsection 13(1) of the *Census and Statistics Act 1905* ('the Act') provides for the Minister administering the Act to make determinations allowing, with the approval in writing of the Australian Statistician ('the Statistician'), the disclosure of a specified class of information.

On 16 February 1983, the Minister of State for Veterans' Affairs, acting for and on behalf of the Treasurer (the latter being the Minister at that time administering the Act), made such a determination ('the Determination'), being No. 19 of the Statutory Rules 1983.

The relevant parts of the Act and the Determination are reproduced below.

SUBSECTIONS 13(1), 13(2) and 13(3), *CENSUS AND STATISTICS ACT 1905*

Release of information

13(1) Notwithstanding anything in this Act (other than this section), the Minister may, by instrument in writing, make determinations providing for and in relation to the disclosure, with the approval in writing of the Statistician, of information included in a specified class of information furnished in pursuance of this Act.

13(2) Without limiting the generality of subsection (1), determinations may make provision—

- (a) as to the person to whom the information may be disclosed;
- (b) as to the persons, being the persons from whom the information has been obtained, whose consent is required for the disclosure of the information; and
- (c) specifying terms and conditions subject to which the information may be disclosed, including, but without limiting the generality of the foregoing, terms and conditions as to the requiring of a person to whom the information is, or is to be, disclosed to give an undertaking, in writing with respect to the disclosure of the information by that person, including an undertaking not to disclose any of the information to any person.

13(3) Information of a personal or domestic nature relating to a person shall not be disclosed in accordance with a determination in a manner that is likely to enable the identification of that person.

SUBSECTIONS 19(1) and 19(2), *CENSUS AND STATISTICS ACT 1905*

19(1) A person who is, or has been, the Statistician or an officer shall not, except—

- (a) in accordance with a determination; or
- (b) for the purposes of this Act,

either directly or indirectly, divulge or communicate any information furnished in pursuance of this Act to any person (other than the person from whom the information was obtained).

SUBSECTION 19(1) and 19(2), *CENSUS AND STATISTICS ACT 1905 continued*

19(2) A person who contravenes subsection (1) or fails to comply with an undertaking of the kind referred to in paragraph 13(2)(c) given by the person in relation to information disclosed to the person in accordance with a determination is guilty of an indictable offence punishable on conviction by a fine not exceeding \$5,000 or imprisonment for a period not exceeding 2 years, or both.

CLAUSE 7 of the statistics determination (STATUTORY RULES 1983, NO. 19)

7(1) Information in the form of individual statistical records may, with the approval in writing of the Statistician, be disclosed where—

- (a) all identifying information such as name and address has been removed;
- (b) the information is disclosed in a manner that is not likely to enable the identification of the particular person or organisation to which it relates; and
- (c) the Statistician has been given a relevant undertaking for the purposes of this clause.

7(2) A reference in paragraph (1)(c) to a relevant undertaking shall be read as a reference to an undertaking in writing by—

- (a) in the case of information to be disclosed to a person, being an individual — that person;
- (b) in the case of information to be disclosed to an official body — the responsible Minister in relation to, or a responsible officer of, that official body; or
- (c) in the case of information to be disclosed to an organisation other than an official body — a responsible officer of that organisation,

that use of the information will be subject to the following terms and conditions:

- (d) no attempt will be made to identify particular persons or organisations;
- (e) the information will be used only for statistical purposes;
- (f) the information will not be disclosed to any other person or organisation;
- (g) if the Statistician considers it necessary in a particular case — either or both of the following
 - (i) that the information, and all copies (if any) of the information, will be returned to the Statistician as soon as the statistical purposes for which it was disclosed has been achieved;
 - (ii) that access by officers to information, documents or premises will be given as may be necessary for the purpose of conducting a compliance audit concerning observance of the terms and conditions under which the information is disclosed; and
- (h) any other condition that, in the opinion of the Statistician, is reasonably necessary in a particular case.

Limitation of liability

- The ABS gives no warranty, other than a warranty that may be implied by law, that the file is free from errors, is complete, has any particular quality, is suitable for any purpose or otherwise.
- Subject to any warranty which may be implied by law, our liability to the Purchaser for any loss, damage or injury howsoever caused by the ABS, whether due to negligence or otherwise, in relation to the Information shall be limited to providing a replacement copy of the Information.
- The Purchaser agrees to indemnify the ABS (and our servants and agents) in respect of all liability for loss (including all legal costs), or liability from any claim, suit, demand, action or proceeding brought by any third person in connection with this Condition of Sale or from their use of the Information.
- These limitations of liability provisions shall survive the expiration or earlier termination of any agreement with the Purchaser.

NNS CURF FILES

INTRODUCTION

The 1995 NNS CURF has been provided as a set of three data files:

- NNS data file. This contains 13,858 confidentialised respondent records from the survey. Each record contains food and nutrition data from the survey, together with demographic, socioeconomic and geographic items. This file contains some information collected in the NHS which was considered integral to the NNS (e.g. breastfeeding, exercise and self-reported height and weight).
- NHS data file. This contains a full set of NHS information for the 13,858 NNS respondents. This can be merged with the NNS data file through a common identifier.
- NNS Day 2 data file. This contains 1,489 respondent records for those people who provided food intake data for a second 24-hour period (Day 2). The ABS has used this file to calculate factors which can be applied to nutrient intake data on the NNS data file, with the aim of reducing within-person variation. The NNS Day 2 data file is intended for people wishing to undertake similar analyses, and can be merged with the NNS data file through a common identifier.

These data are released under the *Census and Statistics Act 1905*, which enables release of data in the form of unit records where the information is not likely to enable the identification of a particular person or organisation. Accordingly, there are no names or addresses of survey respondents on the CURF and some other steps have been taken to protect confidentiality, such as omitting selected data items collected in the survey and reducing the detail of other data items. As a result, it may not be possible to exactly reconcile some tabular/aggregated data produced from the CURF with data published by the ABS.

A list of all the data items on the NNS data file is provided in Appendix 1. A list of all the data items on the NNS Day 2 data file is provided in Appendix 3. The Day 2 data file has an identical structure to the main NNS data file, but Appendix 3 only contains the items which were collected in the Day 2 interview. All other items are zero-filled. A list of all the data items on the NHS data file is in Appendix 2. This information is also available on electronic files provided as part of the NNS CURF.

ABOUT THE NNS CURF FILES

The services of a computer programmer may be required to reformat the data for some analysis software. However, the NNS CURF contains a program to generate an input statement to facilitate this for SAS users. Complete input programs have been provided for SAS and SPSS (see README.TXT file for further information).

NNS data file

There are three files which specifically relate to the NNS data:

- NNSD1URT.DAT is a column delimited ASCII text file containing the survey data. The number of records for each State and Territory is shown below:

.....	
New South Wales	2 881
Victoria	2 805
Queensland	2 396
South Australia	1 727
Western Australia	1 852
Tasmania	1 177
Northern Territory	357
Australian Capital Territory	663
Australia	13 858
.....	

- NNSD1DOC.TXT contains documentation on NNSD1URT.DAT. It includes data item labels, field start positions and lengths, code values and category labels. To assist users in analysis, the file also contains weighted and unweighted frequencies of each code value. It can be opened for reading or printing, using most word processors, as an ASCII text file.
- NNSD1DOC.FMT contains the same data as NNSD1DOC.TXT but in a rigid format which can be read by a computer program. If the purchaser has access to SAS, this file can be used in conjunction with NNS95INP.SAS (see next page) to generate a SAS input program for the NNS data file.

NHS data file

There are three files which specifically relate to the NHS data:

- NHS95URT.DAT is a column delimited ASCII text file containing the complete set of NHS data, for the 13,858 respondents to the NNS.
- NHS95DOC.TXT contains documentation on NHS95URT.DAT. It includes data item labels, field start positions and lengths, code values and category labels. To assist users in analysis, the file also contains weighted and unweighted frequencies of each code value. It can be opened for reading or printing, using most word processors, as an ASCII text file.
- NHS95DOC.FMT contains the same data as NHS95DOC.TXT but in a rigid format which can be read by a computer program. If the purchaser has access to SAS, this file can be used in conjunction with NNS95INP.SAS (see next page) to generate a SAS input program for the NHS data file.

NNS Day 2 data file

There are three files which specifically relate to the NNS Day 2 data:

- NNSD2URT.DAT is a column delimited ASCII text file containing the Day 2 food and beverage intake data, for the 1,489 people who completed a Day 2 interview.
- NNSD2DOC.TXT contains documentation on NNSD2URT.DAT. It includes data item labels, field start positions and lengths, code values and category labels. To assist users in analysis, the file also contains weighted and unweighted frequencies of each code value. It can be opened for reading or printing, using most word processors, as an ASCII text file.

NNS Day 2 data file *continued*

- NNSD2DOC.FMT contains the same data as NNSD2DOC.TXT but in a rigid format which can be read by a computer program. If the purchaser has access to SAS, this file can be used in conjunction with NNS95INP.SAS (see below) to generate a SAS input program for the NNS Day 2 data file.

Additional files

The following additional files will be provided:

- NNS95INP.SAS contains a SAS program which reads NNSD1DOC.FMT, NNS95DOC.FMT and NNSD2DOC.FMT and generates a file which can be pasted into a SAS program to allow it to read in the corresponding data file. Complete input programs for SAS and SPSS have also been provided (see README.TXT for further information).
- NUTADJ.TXT and LOGADJ.TXT contains age and sex specific factors that can be used to adjust nutrient intakes derived from the 24-hour recall questionnaire for within-person variation. These can be applied to the NNS data file to derive adjusted nutrient intakes.
- ANSURS technical support files which were used to code the food intake data from the 24-hour recall. The files provided are ACBDES.TXT, ACBGMWT.TXT, ARECHEAD.TXT, ARECING.TXT, AMODHEAD.TXT, AMODING.TXT, ARETFACT.TXT, ARETDES.TXT and ANUTDES.TXT. These files are discussed in detail in Appendix 5.
- COPYRIGHT.TXT contains the ABS copyright warning notice. This is a simple statement that the copyright to the 1995 NNS CURF data is held by the ABS. The consequences of copyright ownership are to be considered an additional constraint and in no way limit the Conditions of Sale.
- README.TXT contains a brief description of all of the files provided with the NNS CURF.

RECORD TYPES

The NNS data file and the NNS Day 2 data file are hierarchical. This means that there are two types of records on these files: person records; and food records. The following discussion does not relate to the NHS data file as it is non-hierarchical file and therefore does not have different record types.

Person record

The first record type is the person record, with each person having one of these. This record type includes socio-demographic information, summary information on food and nutrient intake the previous day, physical measurements, eating habits and attitudes, results from the food frequency questionnaire. (A lot of these fields are zero filled on NNS95D2.DAT.)

Food record

The second record type is the food or nutrition record, with each person having one or more food record. Each food/nutrition record contains details of the individual food and beverages consumed by the person on the day prior to interview, including derived nutrient content.

Using the different record types

The ID field on the NNS data files identifies whether a record is a person level record or a food/nutrition record. In the survey documentation files, the ID field is called IDP on the person record and is called IDN on the food record. The field is in the same position for both record types. To identify the type of record, use the following criteria:

- if IDP=4, then it is a person record;
- if IDN=5 then it is a food/nutrition record.

Each individual's person and food records are linked through the field RANDOMID (which identifies the household) and either PERSNOP on the person record or PERSONON on the food record (both of these identify people within the household).

MERGING DATA FILES

The procedure to merge files depends upon what files are being merged.

Within NNS data files

Examples of merging within the NNS data files include merging the NNS and Day 2 data files or, if the person and food records have been split into separate files, merging food level data onto the person record.

All data on the NNS and Day 2 data files have been sorted by the random identifier (RANDOMID on the person record and RANDOMIN on the food record) and person number within the household (PERSNOP on the person record and PERSONON on the food record). Merge the required data on RANDOMID/RANDOMIN and PERSONP/PERSONON.

Between NNS and NHS data files

The main example of this is merging the NNS and NHS data files. The NHS data file has been sorted on the random identifier (RANDOMID), family number (FAMNO), income unit number (IUNO) and person number within income unit (PNO). Person number within income unit (PNO) is different to the person number within household discussed above (PERSNOP). This is because there can be multiple income units within a household.

As described in the section above, the NNS and NNS Day 2 data files have been sorted on RANDOMID/RANDOMIN and PERSONP/PERSONON. Therefore, these files need to be sorted in ascending order on the fields RANDOMID, FAMNOP, IUNOP and PNOP, and then merged with the NHS data file on these fields. (Note that these identifiers will have a slightly different variable name on the food records.)

NOTES

- All numeric data is right justified and contains leading zeros.
- Fields of types FILL only have the first four lines of documentation.
- Character data contains both lower and upper case characters.

NHS CURF

A CURF for the the full NHS sample (53,828 records) can be separately purchased. This can be merged with the NNS data files through the common identifier.

Note that the NNS CURF files contains approximately 260 person records which are not on the NHS CURF. This is because the NHS CURF only includes people from fully responding households (those households where all in-scope people completed the NHS). However, the NNS did not seek to enumerate all people within the household, so has retained the records of people who individually completed the NHS but were members of partially responding households (those households where one or more in-scope person(s) did not complete the NHS).

STRUCTURE OF THE DOCUMENTATION FILES

To reduce printing and handling costs, classifications for data items have been included on the CD-ROM as NNSD1DOC.TXT, NHS95DOC.TXT and NNSD2DOC.TXT. These files contains ANSI print control characters.

NNSD1.FMT, NHS95.FMT and NNSD2.FMT are compressed versions of the above print files which enable user specific documentation to be written. They consists of a series of lines of data 148 characters in length. Each field of the CURF data files is described in four lines followed by one line for each set of frequency results.

Each line of data is identified by the first eight characters which contain the following:

<i>Character(s)</i>	<i>Type</i>	<i>Contents</i>
1	num	Record number (1,2,...)
2-5	num	Field number (1,2,...)
6-9	num	Sequence number within field (1,2,...)

The first four lines of documentation for each field contain the following:

Line with sequence number 0000:

<i>Character(s)</i>	<i>Type</i>	<i>Contents</i>
10-39	char	Field name
40	char	Record code (N=food/nutrition record, PERSON=person record)
41-44	num	Field location within record
45-48	num	Field length
49-52	num	Page reference to NNSD1DOC.TXT, NNSD2DOC.TXT or NHS95DOC.TXT.
53-56	char	Field type (FILL=filler CON=classificatory field, OBS=observation field)
57-62	num	Date of preparation (DDMMYY) of clerical documentation
63	char	Adjustment flag (A=for reasons of confidentiality, B=adjusted from main ABS file but data are the same)
64-79	char	Range of values of field
80-83	char	Data item group (abbreviated)
84-143	char	Notes concerning field

STRUCTURE OF THE DOCUMENTATION FILES *continued*

Line with sequence number 0001:

<i>Character(s)</i>	<i>Type</i>	<i>Contents</i>
10–49	char	Data item group (explicit)
50–148	char	Field label

Line with sequence number 0002:

<i>Character(s)</i>	<i>Type</i>	<i>Contents</i>
10–108	char	Population definition for field
109–118	num	Number of records corresponding to the defined population
119–128	num	Weighted estimate corresponding to the defined population

Line with sequence number 0003:

<i>Character(s)</i>	<i>Type</i>	<i>Contents</i>
10–108	char	Computation corresponding to the defined population

Remaining documentation lines contain the following:

<i>Character(s)</i>	<i>Type</i>	<i>Contents</i>
10–17	num	Code value for classificatory fields, 999999999 for all observation fields
18–27	num	Number of records containing each value
28–37	num	Percent of records containing each value (need to divide by 100)
38–42	num	Percent of weighted estimates corresponding to each value (need to divide by 100)
43–47	num	Percent of weighted estimates corresponding to each value (need to divide by 100)
48–146	char	Descriptor for each code value (classificatory fields)

INFORMATION ON NNS DATA ITEMS...

This chapter describes some specific data items. A full data item listing is provided in Appendixes 1–3. Additional information such as code values and category labels are contained in the files NNSD1DOC.TXT, NNSD1DOC.FMT, NHS95DOC.TXT, NHS95DOC.FMT, NNSD2DOC.TXT and NNSD2DOC.FMT.

Some data items directly reflect responses to individual questions contained in the survey questionnaire while others may have been derived from responses to two or more questions. Because of the volume and complexity of the derivations, and the need to understand the logic and intentions underlying them, the derivations have not been presented in this documentation. If you have any queries about the derivation of particular items, please contact Brian Murray on Canberra 02 6252 6526. Listing of the SAS code used to derive items is available on request.

SOCIO DEMOGRAPHIC DATA

SEIFA index of relative social disadvantage

The Index of Relative Social Disadvantage was derived from the 1991 Census. It assigns an index to geographic areas based on socio-economic variables such as economic resources of households, education, occupation, family structure and ethnicity. It is one of five indexes derived by the ABS from the 1991 Census to assist in the analysis of socio-economic characteristics. Details of the indexes are contained in *1991 Census: Socio-economic indexes for areas* (Cat. no. 2912.0).

Each person on the file was allocated an index score, based on the Collectors District (CD) in which they were enumerated (in most cases their usual residence). The score was grouped by quintile. The quintile relates to the area in which the person was enumerated, not to the socio-economic characteristics of the individual. A high quintile score suggests that the area has fewer families of low income and fewer people with little training and in unskilled occupations, whereas a low score suggests that the area has more families and people of this type.

Equivalent income

An indicator of equivalent income for income units has also been placed on each person record on the CURF. The indicator relates to the decile of equivalent income of the income unit to which that person belongs. This has been calculated from the NHS income data collected from all people within a household, and then applied to NNS participants.

The indicator has been derived by summing the individual dollar income of all members of the income unit, and then applying factors from the Henderson Simplified Equivalence Scales. These factors vary according to the composition of the income unit and the labour force status of adult members of the unit. The resulting dollar equivalent income of the unit was then classified by decile. The adoption of the Henderson Simplified Equivalence Scales in this derivation does not necessarily imply ABS endorsement of the scale.

Equivalent income continued

Equivalent income and household income were derived from all income units and households. Approximately 260 NNS participants came from households which did not have complete participation in the NHS (see p. 13). Household and equivalent income has been derived for these households, based on those household members who participated in the NHS. Incomplete households are those with a RANDOMID of 20818 or greater.

FOOD AND NUTRIENT INTAKE

Food codes

Foods and beverages consumed in the 24-hour dietary recall were allocated eight-digit codes to uniquely identify each food. The first four digits can be used to categorise foods and beverages into a hierarchical classification system. (This classification has been published in the NNS Users' Guide.) Digits five to seven were used to uniquely identify a food. The last digit of the eight-digit food code indicates whether the food is a modifiable recipe (value of '2') or a single item food/unmodifiable recipe (value of '1'). The file ACBDES.TXT contains a full listing of the food codes and their descriptions (see Appendix 5).

For example, the code for pear juice is 11312801. The first two digits of '11' indicates the fruit juice is a non-alcoholic beverage, the first three digits of '113' indicate that it is a fruit and vegetable juice or drink, and the first four digits of '1131' indicate that it is a single fruit juice. The last digit of '1' indicates that it is a single item food/unmodifiable recipe.

There are two fields which indicate the food code. Most food records will contain an 8-digit code in the field FOODCOD1. However, modified recipes have a 6-digit code in FOODCOD1 and then have the 8-digit code of the base recipe in FOODCOD2. Recipes were generally only modified if the fat or fibre content in the individual's recipe differed significantly from the existing recipe. For most purposes, the 8-digit code of modified recipes is suitable for categorising foods as recipe modifications did not alter the nature of the food/beverage. FOODCOD1 and FOODCOD2 can be combined into a new field NEWCODE using the following criteria:

```
IF FOODCOD1 < 10,000,000 then NEWCODE=FOODCOD2;
ELSE NEWCODE=FOODCODE1;
```

Plain drinking water

The 24-hour recall collected information on each food and beverage consumed the previous day except for plain drinking water (i.e. tap or uncarbonated bottled water with nothing added). The amount of plain drinking water consumed the previous day was collected as a single amount at the end of the 24-hour recall. Additional information, such as eating occasion or time of consumption, was not collected for plain drinking water. Each person who reported consuming plain drinking water had an extra food/nutrition record added, which contains FOODCOD1 equal to 77777777 and PSZGRAMS equal to the amount drank. No adjustment has been made to the field MOISTUR. Their person record also contains the amount of plain drinking water in the field AMTWATER, and plain drinking water has not been added to TMOISTUR and KMOISTUR.

Combination foods

Combination foods are those where two or more components are combined, usually just prior to consumption, and eaten as a single unit (e.g. tea with sugar and milk). Each member of a combination has a separate food record on the CURF, with these food records having the same value in the field CMBSEQNO (combination sequence number). All foods in the first combination consumed by a person have a CMBSEQNO of 1, foods in the second combination have a CMBSEQNO of 2 and so on.

Portion sizes

The field PSZGRAMS on the food record contains the amount of food/beverage consumed. This amount was calculated during data entry from several fields which contained information about the amount eaten.

NAME	LABEL	DESCRIPTION
HOWMANY	Amount prepared	Amount of the measure or gram weight description that was prepared.
MEASURE	Allowed food measure	Food measures allowed for the food, from the set of 14 possible options for all foods. The system calculated PSZGRAMS from the most relevant gram weight description for that food. Conversion factors were applied if the allowed food measure did not directly match a gram weight description (e.g. 1 cup (250 ml)=12.5 tablespoons (20ml)=50 teaspoons (5ml)).
NOEATEN	Amount eaten	Amount eaten, as a proportion of the amount prepared.
DIMENS1	Dimension 1	Used if the following ruler measurements were recorded in the MEASURE field: - RR (ruler rectangle) — used for rectangular servings of food such as cake and cheese. - RC (ruler circumference) — used for flat circular foods such as pikelets or cylindrical foods such as a slice of meat roll. - RW (ruler wedge) — used for wedge shaped foods (e.g. piece of pie or pizza). - RT (ruler triangle) — used for triangular foods or wedges where the diameter and fraction of whole was not known. The dimensions are in centimetres and contain the following information: - Dimension 1 contains the length (for RR and RT) or circumference (RC and RW). - Dimension 2 contains the width (RR and RT) or the fraction the piece represents of the whole (RW). - Dimension 3 contains the height/thickness.
DIMENS2	Dimension 2	
DIMENS3	Dimension 3	
GWTDSCNO	Gram weight description number	The gram weight description field contains codes which link different types of measures (e.g. cup, litre, serving not specified) to an amount in grams for particular food codes.
GUIDELIN	Guideline number	This is used when an unknown measure was reported. There were several options available (e.g. handful, squirt and small bowl). The system applied conversion factors which either represented the guideline description in terms of allowed food measures (e.g. a 'swallow' is equal to one tablespoon) or gram weight descriptions (e.g. a large serving is equal to 1.5 times the serving not specified amount). (Serving not specified was the answer coded when a respondent could not recall the amount consumed and the food was eaten as a single item.)

Some biscuits and confectionery used subcodes to derive gram consumption. Subcodes indicate specific foods associated with a particular generic food code. These foods have the same nutrient profiles but may have different measure descriptions and gram weights.

Nutrient derivation

The Australia New Zealand Food Authority (ANZFA) developed a customised nutrient composition database to enable the 24-hour food records to be converted into nutrient intakes. The database was developed in collaboration with HFS and updated in tandem with the coding of the survey food intakes.

The nutrient composition database was applied to the food intake data and the amount of each nutrient consumed per food per person was calculated (this is at the end of each food record). In addition, the following items were calculated as totals across all foods consumed by each individuals and are on the person record:

- amount of each nutrient consumed per person;
- nutrient density per 1000 kJ energy for each nutrient (except energy) per person. This was calculated as: $\text{total nutrient} / \text{total energy} * 1000$; and
- Percent contribution to total energy per person per day for protein, total fat, saturated fat, monounsaturated fat, polyunsaturated fat, carbohydrate, total sugars, starch and alcohol. The energy from each of these nutrients was estimated by multiplying each gram of protein, fats, carbohydrates and alcohol by a conversion factor to determine the kilojoules of energy generated. The conversion factors are set out below. The energy from each of the listed nutrients was divided by total energy per day and multiplied by 100.

Energy from protein	17kJ per gram
Energy from fats	37kJ per gram
Energy from carbohydrate	17kJ per gram of starch and 16kJ per gram of sugar
Energy from alcohol	29kJ per gram

Acknowledgment of British nutrient data

Official permission was obtained for the use of up to 4,000 total folate values and general nutrient data for up to 1,000 foods from the UK Ministry of Agriculture, Fisheries and Food and the Royal Society of Chemistry. The following acknowledgment should be provided for any use of the nutrient intake data: "Data from the *The Composition of Foods*, 5th Edition, and its supplements as produced with the permission of The Royal Society of Chemistry and the Controller of Her Majesty's Stationary Office".

FOOD FREQUENCY QUESTIONNAIRE

The Food Frequency Questionnaire (FFQ) was offered to people aged 12 years and over on a voluntary basis. The FFQ data has been stored on the person record. There were 9,096 people who returned a usable FFQ and 237 people who returned an unusable FFQ. A person's FFQ was classified as unusable if more than 20 out of the 107 food-lines had a '0' (which means they either didn't respond to the particular food line or gave an unusable response). These unusable records are on the CURF but have not been included in any estimates produced by the ABS.

FOOD FREQUENCY QUESTIONNAIRE *continued*

If you want to analyse people who completed a usable FFQ, then select cases where FFQFLAG=3. A separate set of expansion factors, or weights, was calculated for the FFQ, as participation in the FFQ was voluntary. See pages 26–29 for more information on how to use the weights.

DECIMAL PLACES

All decimal places have been removed from items on the CURF by multiplying the decimal place out. This needs to be reversed when conducting analysis on these items. The table below details the fields affected and what number the field needs to be divided by.

TO RESTORE DECIMAL PLACE:	FIELDS			
Divide by 10	ADCHWT ADULTWT HGHT1	HGHT2 HGHT3 HIP1	HIP2 HIPAVE PERSONWT	WAIST1 WAIST2 WAISTAVE
Divide by 100 (Person record)	ALCOBEV CERBASE CEREALS EGGPROD FATSOILS FISHPROD FRUTPROD	HGHTAVE INFANTF LEGUME MEATPROD MILKPROD MISC NONALBEV	NUTBARS RAWBMMH SAUCES SEEDNUT SNACKFD SOUP	SPECDIET SUGPROD VEGPROD ZHTAGE ZWTAGE ZWTH
Divide by 100 (Food record)	PSZGRAMS			
Divide by 1,000 (Person record)	EALCOHOL ECARBOHY EIBMR EPROTEIN ETOTFAT ETOTMFAT ETOTPFAT TOTSFAT ETOTSUGR ESTARCH KCALCIUM KALCOHOL KCARBOHY KCHOLEST KDFIBRE KFOLATE KIRON	KMAGNESI KMOISTUR KNIACIND KNIACINE KNIACINP KPHOSPHO KPROTEIN KPROVITA KRIBOFLA KSTARCH KTHIAMIN KTOTFAT KTOTMFAT KTOTPFAT KTOTSFAT KTOTSUGR	KVITAC KVITAPRE KVITARE KZINC TCALCIUM TALCOHOL TCARBOHY TCHOLEST TDFIBRE TENERGY TFOLATE TIRON TMAGNESI TMOISTUR TNIACIND TNIACINE TNIACINP	TPHOSPHO TPOTASSI TPROTEIN TPROVITA TRIBOFLA TSTARCH TTHIAMIN TTOTFAT TTOTMFAT TTOTPFAT TTOTSFAT TTOTSUGR TVITAC TVITAPRE TVITARE TZINC
Divide by 1,000 (Food record)	ALCOHOL CARBOHY CALCIUM CHOLEST DFIBRE ENERGY FOLATE	IRON MAGNESI MOISTUR NIACIND NIACINE NIACINP PHOSPHO	POTASSI PROTEIN PROVITA RIBOFLA STARCH THIAMIN TOTFAT	TOTMFAT TOTPFAT TOTSFAT TOTSUGR VITAC VITAPRE VITARE ZINC
Divide by 10,000 (Person record)	FFQNSFWT IFIQNSFWT	FFQSFWT IFIQSFWT	FFQWT IFIQWT	
Divide by 10,000 (Food record)	DIMENSN1 DIMENSN2	DIMENSN3	HOWMANY	NOEATEN

DECIMAL PLACES *continued*

TO RESTORE DECIMAL PLACE:	FIELDS
Divide by 100,000	BODYMIXN
Divide by 1,000,000	WHRATIO BMR

NOT STATED AND NOT APPLICABLE CODES

A large number of variables have codes which indicate either that: the question was not applicable to the respondent (e.g. pregnancy status for males); or the respondent did not answer that particular question. In most cases, these are categorical variables. However, there are some continuous variables on the NNS data file (e.g. height) that used these codes. When calculations such as means, medians or percentiles are done on these variables, you need to exclude the people with not stated or not applicable codes. The variables affected are outlined below.

FIELD NAME	NOT APPLICABLE/STATED CODE(a)
AMTWATER	Not stated=9999
BMR	Not applicable=0 Not stated=88.888888(b) or 99.999999
BODYMIXN	Not applicable=0 Not stated =88.88888(b) or 99.99999
DIAST1 DIAST2 DIAST3 DIASTAVE	Not applicable=0 Not stated=999
EIBMR	Not applicable=0 Not stated=8.888(b) or 9.999
HEIGHTH	Not applicable=0 Not stated=999
HGHT1 HGHT2 HGHT3	Not applicable=0 Not stated=999.9
HGHTAVE	Not applicable=0 Not stated=999.99
HIP1 HIP2	Not applicable=0 Not stated=999.9
HIPAVE	Not applicable=0 Not stated=999.99

(a) Code when decimal place is restored to the variable.

(b) Person over the limit of the scales used to measure weight.

NOT STATED AND NOT APPLICABLE CODES *continued*

FIELD NAME	NOT APPLICABLE/STATED CODE(a)
PERSONWT	Not applicable=0 Not stated=888.8(b) or 999.9
RAWBMIH	Not applicable=0 Not stated=99.99
SYST1 SYST2 SYST3 SYSTAVE	Not applicable=0 Not stated=999
WAIST1 WAIST2	Not applicable=0 Not stated=999.9
WAISTAVE	Not applicable=0 Not stated=999.99
WEIGHTH	Not applicable=0 Not stated=999
WHRATIO	Not applicable=0 Not stated=9.999999
ZHTAGE ZWTAGE	Not applicable=88.88 Not stated=99.99
ZWTH	Not applicable=8.88 Not stated=9.99

(a) Code when decimal place is restored to the variable.

(b) Person over the limit of the scales used to measure weight.

DAY OF WEEK

The item DAYOFWEE indicates which day of week (Sunday–Saturday) the interview was conducted on. The 24-hour recall collected information on intake on the day prior to interview. Therefore, the intake day is one day before the interview day. For example, if the interview day was Monday, then the intake day was Sunday. The item MINTAKE indicates the month of intake, rather than the month of interview.

NUTRIENT ADJUSTMENT FACTORS

Approximately 1,500 people completed the Day 2 NNS. The ABS has used this data to produce a series of factors that can be applied to Day 1 intake to remove the effect of within-person variation on the distribution of one day intakes. The adjusted distribution provides a better indication of the 'usual' distribution of intakes in the population. It is therefore more appropriate for estimating the likelihood of nutrient deficiency or excess in the population when the data are based on only a single day's intake for each person.

NUTRIENT ADJUSTMENT FACTORS *continued*

A separate set of factors has been produced for each nutrient except alcohol. These factors are in:

- NUTADJ.TXT, which is a column delimited text file containing the factors for most nutrients; and
- LOGADJ.TXT, which is a column delimited text file containing the factors for the three forms of vitamin A. These are in the natural log scale.

Each nutrient has three variables or factors:

- mean, calculated from the Day 1 sample;
- observed standard deviation, calculated from the Day 1 sample; and
- between person standard deviation, calculated from the Day 2 sample.

People wishing to use these factors need to merge them onto the NNS Day 1 person record by age and sex. The factors for each nutrient can be applied to NNS95D1.DAT using the following formula:

$$\text{Adjusted value} = x + (x_i - x) * (s_b / s_{\text{obs}}),$$

where x is the group mean for the weighted Day 1 sample,
 x_i is the individual's day 1 intake,
 s_b is the between person standard deviation, and
 s_{obs} is the group standard deviation for the Day 1 sample.

Methodology used to calculate factors

The adjustment factors were calculated for each nutrient except alcohol. Alcohol was excluded from the analysis because of concerns about estimating within-person variation in alcohol intake from only two days' intakes.

It was recognised that an adjustment model based on the entire population was not necessarily appropriate for particular sub-groups. Therefore, adjustment classes based on age and sex were used in the analysis. Although it would have been possible to choose groupings appropriate to each separate nutrient, common groupings was used across most nutrients.

Adjustment factors have been calculated for males and females for the following age groups: 2-3 years; 4-7 years; 8-11 years; 12-15 years; 16-18 years; 19-24 years; 25-44 years; 45-64 years; and 65 years and over. The group mean within each of these age by sex groups was calculated from the total weighted Day 1 sample.

However, collapsed age groups were used to calculate the standard deviation values. This was because the between-person standard deviation was calculated from the replicate sample and therefore some cells had insufficient sample for the finer age groups. The collapsed age groups were: 2-11 years; 12-24 years; 25-44 years; 45-64 years; and 65 years and over. Standard deviation was calculated as the collapsed group standard deviation for the Day 1 sample. The between-person standard deviation was calculated as the collapsed group between-person standard deviation for the Day 2 sample.

Between-person variance (s_b^2) was calculated from the Day 2 sample, using the SAS ANOVA procedure. Person was the independent variable (each person had a Day 1 and a Day 2 record) and nutrient intake was the dependent variable.

Between person variance was estimated as: $s_b^2 = (MSA - MSE)/n$, where MSA and MSE are defined according to the table on the following page.

All calculations for vitamin A expressed as retinol equivalents, preformed vitamin A and provitamin A were done on natural log transformed data, because of the particularly skewed nature of their distributions. A value of 5 was added prior to the log transformation, because there were a small number of zero values and logs are defined for only positive non-zero numbers.

Methodology used to calculate factors *continued*

SOURCE OF VARIATION	DEGREES OF FREEDOM	SUM OF SQUARES	MEAN SQUARE	EXPECTED VALUE OF MS
Mean	1	SSM	MSM=SSM	$N\mu^2 + n\sigma_\alpha^2 + \sigma_e^2$
Classes	a - 1	SSA	MSA=SSA(a-1)	$n\sigma_\alpha^2 + \sigma_e^2$
Residual error	a(n - 1)	SSA	MSE=SSE/a(n-1)	σ_e^2
Total	an	SST		

where a is the number of people, n is the number of replicates, N is a*n, μ is the group mean, σ_α^2 is the between person variation and σ_e^2 is the residual or within person sampling error after removing mean and between person effects.

Source: Searle (1971).

Note: SSM, SSA and SST are calculated directly from data collected. SSE is calculated by subtraction.

Structure of the adjustment factors files

The following two column delimited text files have been provided for those people wishing to apply the nutrient adjustment factors to the NNS data file :

- NUTADJ.TXT — this contains the nutrient adjustment factors for most nutrients; and
- LOGADJ.TXT — this contains the factors for the three forms of vitamin A. These need to be applied differently to the other nutrients.

As previously outlined, each nutrient except alcohol has three variables or factors: mean; observed standard deviation; and between person standard deviation. People wishing to use these factors need to merge them onto the NNS Day 1 person record by age and sex.

Note that the factors for the three forms of vitamin A are in the natural log scale. To apply the adjustment factors to the three forms of vitamin A, the following steps should be followed:

1. Add 5 to recorded intakes (to make all intakes non zero numbers).
2. Log transform (base e) the intakes.
3. Apply the factors.
4. Convert the adjusted intakes back into the original scale (e^x), and then subtract 5.

Calculations for all other nutrients were done in their original scale.

Contents of NUTADJ.TXT

NAME ON NUTADJ.TXT ITEM DESCRIPTION

SEX	Sex
AGEYEAR	Age (years)
ENERMEAN	Energy mean
ENERSOBS	Energy standard deviation
ENERSBET	Energy between-person standard deviation
ZINCMEAN	Zinc mean
ZINCOSBS	Zinc standard deviation
ZINCSBET	Zinc between-person standard deviation

Structure of the adjustment factors file *continued*

NAME ON NUTADJ.TXT	ITEM DESCRIPTION
PROTMEAN	Protein mean
PROTSOBS	Protein standard deviation
PROTSBET	Protein between-person standard deviation
TFATMEAN	Total fat mean
TFATSOBS	Total fat standard standard deviation
TFATSBET	Total fat between-person standard deviation
SFATMEAN	Saturated fat mean
SFATSOBS	Saturated fat standard deviation
SFATSBET	Saturated fat between-person standard deviation
MFATMEAN	Monounsaturated fat mean
MFATSOBS	Monounsaturated fat standard deviation
MFATSBET	Monounsaturated fat between-person standard deviation
PFATMEAN	Polyunsaturated fat mean
PFATSOBS	Polyunsaturated fat standard deviation
PFATSBET	Polyunsaturated fat between-person standard deviation
CHOLMEAN	Cholesterol mean
CHOLSOBS	Cholesterol standard deviation
CHOLSBET	Cholesterol between-person standard deviation
CARBMEAN	Carbohydrate mean
CARBSOBS	Carbohydrate standard deviation
CARBSBET	Carbohydrate between-person standard deviation
STARMEAN	Starch mean
STARSOBS	Starch standard deviation
STARSBET	Starch between-person standard deviation
SUGMEAN	Sugar mean
SUGSOBS	Sugar standard deviation
SUGSBET	Sugar between-person standard deviation
DFIBMEAN	Dietary fibre mean
DFIBSOBS	Dietary fibre standard deviation
DFIBSBET	Dietary fibre between-person standard deviation
THIAMEAN	Thiamin mean
THIASOBS	Thiamin standard deviation
THIASBET	Thiamin between-person standard deviation
RIBOMEAN	Riboflavin mean
RIBOSOBS	Riboflavin standard deviation
RIBOSBET	Riboflavin between-person standard deviation
NIAEMEAN	Niacin equivalents mean
NIAESOBS	Niacin equivalents standard deviation
NIAESBET	Niacin equivalents between-person standard deviation
NIAPMEAN	Preformed niacin mean
NIAPSOBS	Preformed niacin standard deviation
NIAPSBET	Preformed niacin between-person standard deviation
NIADMEAN	Derived niacin mean
NIADSOBS	Derived niacin standard deviation
NIADSBET	Derived niacin between-person standard deviation

Structure of the adjustment factors file *continued*

NAME ON NUTADJ.TXT	ITEM DESCRIPTION
FOLMEAN	Folate mean
FOLSOBS	Folate standard deviation
FOLSBET	Folate between-person standard deviation
VITCMEAN	Vitamin C mean
VITCSOB	Vitamin C standard deviation
VITCSBET	Vitamin C between-person standard deviation
CALMEAN	Calcium mean
CALSOBS	Calcium standard deviation
CALSBET	Calcium between-person standard deviation
PHOSMEAN	Phosphorous mean
PHOSSOBS	Phosphorous standard deviation
PHOSSBET	Phosphorous between-person standard deviation
MAGNMEAN	Magnesium mean
MAGNSOBS	Magnesium standard deviation
MAGNSBET	Magnesium between-person standard deviation
IRONMEAN	Iron mean
IRNSOBS	Iron standard deviation
IRNSBET	Iron between-person standard deviation
POTMEAN	Potassium mean
POTSOBS	Potassium standard deviation
POTSBET	Potassium between-person standard deviation
MOISMEAN	Moisture (incl plain water) mean
MOISSOBS	Moisture (incl plain water) standard deviation
MOISSBET	Moisture (incl plain water) between-person standard deviation

Contents of LOGADJ.TXT

NAME ON LOGADJ.TXT	ITEM DESCRIPTION
SEX	Sex
AGEYEAR	Age (years)
MNVITAL(a)	Vitamin A expressed as retinol equivalents mean
SDVITAL(a)	Vitamin A expressed as retinol equivalents standard deviation
SBVITAL(a)	Vitamin A retinol equivalents between-person standard deviation
MNAPREL(a)	Preformed vitamin A mean
SDAPREL(a)	Preformed vitamin A standard deviation
SBAPREL(a)	Preformed vitamin A between-person standard deviation
MNAPROL(a)	Provitamin A mean
SDAPROL(a)	Provitamin A standard deviation
SBAPROL(a)	Provitamin A between-person standard deviation

(a) These factors are in the natural log scale. They need to be applied to nutrient intakes also in the natural log scale (with a constant of 5 added to all values to make all numbers non-zero), and the inverse log performed on the adjusted intakes after the adjustment has been calculated.

USING THE DATA

EFFECTS OF SAMPLING

The NNS was conducted using a multi-stage areas sample to select private dwellings and a sub-sample of participants in those dwellings was then selected. As the survey was conducted on only a sample of all households and members of those households, it is important to take account of the method of sample selection when deriving estimates from the unit record file. This is particularly important as a person's chance of selection in the survey varied, depending on the State/Territory and region in which they lived. If these chances of selection are not accounted for, by use of appropriate weights, the results will be biased.

USE OF WEIGHTS

There are six weights on the NNS data file:

- main survey weight (IFIQWT), which contains a weight for each person in the sample;
- FFQ weight (FFQWT), which contains a weight for each person aged 12 years and over who completed a usable FFQ;
- SF36 weight (IFIQSFWT), which contains a weight for each person who completed the SF36 component of the NHS;
- SF36 weight for FFQ respondents (FFQSFWT), which contains a weight for each person who completed the SF36 questionnaire and the FFQ;
- non-SF36 weight (IFIQNSFWT), which contains a weight for each person who completed the non-SF36 components of the NHS; and
- non-SF36 weight for FFQ respondents (FFQNSFWT), which contains a weight for each person who completed the non-SF36 items and the FFQ..

These weights take account of the person's probability of selection in the sample from their region, with adjustments for under-enumeration at the age, sex, part of State level and other factors which affected response.

The estimates conform to independent estimation of the Australian population for the third quarter of 1995. Specifically, the estimates conform to Australian age by sex estimates and Australian State/Territory by part of State estimates. The estimation procedure used response information collected in the course of the survey to counter known biases in target variables resulting from partial response. This information, in the form of models, was used to adjust data for differential response by class, and also to specify weighting classes for applying benchmarks. Target variables for which adjustments were made included household size, income, age, State, marital status and employment status.

If estimates of population sub-groups are to be derived from the CURF it is essential that they are calculated by adding the weights of the person in each category, not just by counting the number of people falling into each category. If each person were to be counted only once then no account would be taken of the fact that a person's chance of selection in the survey varied from region to region and the resulting estimates may be seriously biased.

USE OF WEIGHTS *continued*

Since all estimates from the survey are based on a sample, they are subject to sampling and non-sampling error (see the Users' Guide for details).

NNS DATA FILE

Main survey weight

The main survey weight (IFIQWT) should be used when analysing any data on the NNS data file except for the data items in the FFQ group.

FFQ weight

The FFQ weight (FFQWT) should only be used in conjunction with FFQ items. A FFQ weight has been calculated for those people aged 12 years and over who completed a usable FFQ because of the voluntary nature of the FFQ. People aged 12 years and over were asked whether they wished to complete the FFQ, and a questionnaire was left with those who agreed. The main NNS weight should be used for all other items on the NNS data file.

Impact of different weights on estimates

As a result of the method of estimating the 'weights', estimates for the same items can vary depending on the weight used. The following table gives population estimates of usual type of diet using IFIQWT and FFQWT. Usual type of diet was collected from all survey participants. The table shows that the total is the same in each case but that the estimate of the number of people within each category varies depending upon which weight was applied.

If the purpose of the analysis is to estimate the number of people on different types of diets or cross-tabulate it against non-FFQ data, then IFIQWT should be used. It is based on the entire survey sample, rather than a sub-sample, and therefore provides more reliable estimates. However, if usual diet is being cross-tabulated against an FFQ item, then FFQWT should be used.

Persons aged 12 years and over: Usual type of diet,
Australia, 1995 ('000)

USUAL TYPE OF DIET	IFIQWT	FFQWT
No special diet	10 037	10 016
Special diet		
Vegetarian	529	541
Weight reduction	711	711
Diabetic	277	262
Fat modified	1 923	1 935
Other	1 492	1 510
Total(a)	14 983	14 983

(a) Total includes not stated responses.

NHS DATA FILE

Users who merge the NNS data file with the NHS data file should take care that they use the appropriate weights. Analysis on NHS items which were not sub-sampled should use IFIQWT and FFQWT as appropriate. There are also four additional weights that have been calculated to take into account sub-sampling in the NHS for respondents to the NNS.

In the NHS, adults who were selected to answer the General Health and Well-being Form (SF-36) were sequenced around questions relating to educational qualifications gained since leaving school, alcohol consumption and health insurance. In addition, females aged 18 years and over from the SF-36 stream were not asked to complete the Women's Health Supplementary Form.

The file therefore contains four additional 'weights' to be used with different population groups. The four additional weights are:

- IFIQSFWT— this should be applied when cross-classifying non-FFQ items with SF-36 items.
- IFIQNSFWT— this should be used when cross-classifying non-FFQ items with education qualifications, alcohol consumption, health insurance and women's health.
- FFQSFWT— this should be used when cross-classifying FFQ items with SF-36 items.
- IFIQNSFWT— this should be used when cross-classifying FFQ items with education qualifications etc.

Those items which are mutually exclusive (e.g. SF36 and educational qualifications) cannot be cross classified and therefore none of the weights are appropriate.

Those users who have separately purchased a copy of the NHS CURF should use the weights on the NNS data file for any weighted analysis of NNS participants. The weights on the NHS CURF have been calculated for the entire NHS sample, not the NNS sample.

STANDARD ERRORS

Since the estimates from the NNS are based on information obtained from a sample they are subject to sampling variability. That is, the estimates may differ from figures that would have been produced if all dwellings had been included in the survey. One measure of the likely difference is given by the standard error (SE), which indicates the extent to which an estimate might have varied by chance because only a sample of dwellings was included.

The Users' Guide and other NNS publications contain detailed information on SEs. Standard errors can only be applied to estimates which use population 'weights'.

Specific standard errors have been calculated for person estimates of the whole NNS sample, person estimates of the FFQ sample and estimates of mean food and nutrient intake for the whole NNS sample.

Approximate standard errors for SF36 and non-SF36 items can be obtained by:

- multiplying the whole sample SE by 1.6, if analysing SF36/nonSF36 data against any non-FFQ item; or
- multiplying the FFQ SE by 1.5, if analysing SF36/nonSF36 data against any FFQ item.

STANDARD ERRORS *continued*

For example, if SF36 data is cross-tabulated against body mass index (not part of the FFQ) and an estimate of 200,000 persons is produced, then:

SE [estimate of 200,000 from the whole survey] = 16,950 (from p. 146 of the Users' Guide)

Therefore, SE [200,000, SF36 by BMI] = 1.6 * 16,950
 = 27,120

APPENDIX 1: NATIONAL NUTRITION SURVEY DATA ITEMS, PERSON LEVEL

DATA ITEM GROUP / FIELD DESCRIPTION LABEL	FIELD NAME	FIELD NUMBER	START POSITION	LENGTH (BYTES)	RANGE OF CODES
.....					
IDENTIFYING ITEMS					
Household indicative number (random)	RANDOMID	2	5	8	0-99999999
Person number	PERSNOP	3	13	2	1-13
Person record identifier	IDP	4	15	1	0-09
Survey identifier	SIDP	5	16	5	0-99999
Household type(a)	HHTYPE	6	21	2	0-9
PERSON DESCRIPTION					
Sex	SEX	7	23	1	1-2
Marital status	MARSTAT	8	24	1	0-6
Country of birth(a)	COB	9	25	2	0-14
Year of arrival in Australia(a)	YOARR	10	27	1	0-6
Age in whole years(a)	AGEYEAR	11	28	2	0-31
Relationship in household(a)	FAMRELCP	12	30	2	0-12
Food frequency flag	FFQFLAG	13	32	1	0-4
GEOGRAPHIC ITEMS					
State of interview	STATE	14	33	1	1-8
Rural, remote and metropolitan areas classification(a)	RRMACLAS	15	34	1	0-6
SEIFA quintile of relative social disadvantage(a)	QLOWCDA	16	35	2	0-5
HOUSING HISTORY					
Nature of occupancy(a)	TYPOCCP	17	37	1	0-5
HOUSEHOLD DESCRIPTION					
Number of persons in household	NRPERH	18	38	2	0-99
LANGUAGE					
Usual language spoken at home(a)	LANSAH	19	40	2	0-07
EDUCATION					
Whether currently studying	WCURSTDY	20	42	1	0-3
Whether attending school	SCHATT	21	43	1	0-2
Whether completed secondary school	WCOMSESC	22	44	1	0-2
Age first left school(a)	AGLFTSCH	23	45	1	0-4

(a) The detail for these items has been reduced to preserve the confidentiality of individuals and/or because the data at a more detailed level would be unreliable for most practical purposes

DATA ITEM GROUP / FIELD DESCRIPTION LABEL	FIELD NAME	FIELD NUMBER	START POSITION	LENGTH (BYTES)	RANGE OF CODES
LABOUR FORCE					
Employment status	EMPSTAT	24	46	1	0-3,9
Usual major activity	UMACT	25	47	1	0-4
Main occupation(a)	OCCA	26	48	1	0-9
Usual hours worked per week(a)	HRSWKD	27	49	1	0-9
Number of weeks looking for work(a)	NUWKLFJ	28	50	1	0-7
Number fulltime employed persons in household(a)	NFUTEMPP	29	51	1	0-4,9
INCOME					
Main source of income(a)	INCMSRC	30	52	1	0-6
Gross annual household income(a)	GAINCHP	31	53	8	0-18
Equivalent income(a)	EQUIVINC	32	61	2	0-10
NUTRITION					
Amount of plain drinking water (millilitres) consumed yesterday	AMTWATER	33	63	4	0-9999
How much of plain drinking water yesterday came from own home	HMWATERH	34	67	1	0-4
Whether took multivitamins yesterday	VITSYESA	35	68	2	0,1,99
Whether took multivitamins with iron yesterday	VITSYESB	36	70	2	0,2,99
Whether took vitamin A yesterday	VITSYESC	37	72	2	0,3,99
Whether took vitamin B yesterday	VITSYESD	38	74	2	0,4,99
Whether took vitamin C yesterday	VITSYESE	39	76	2	0,5,99
Whether took vitamin E yesterday	VITSYESF	40	78	2	0,6,99
Whether took B carotene yesterday	VITSYESG	41	80	2	0,7,99
Whether took calcium yesterday	VITSYESH	42	82	2	0,8,99
Whether took folic acid/folate yesterday	VITSYESI	43	84	2	0,9,99
Whether took iron yesterday	VITSYESJ	44	86	2	0,10,99
Whether took zinc yesterday	VITSYESK	45	88	2	0,11
Whether took none of the selected supplements yesterday	VITSYESL	46	90	2	0,12,99
Whether took any of the selected vitamin or mineral supplements yesterday	ANYVITS	47	92	1	0-2,9
Amount of food consumed yesterday compared to usual	AMTFOOD	48	93	1	0-4,9
Main reason consumed less than usual yesterday	AMTLESS	49	94	2	0-11,99
Main reason consumed more than usual yesterday	AMTMORE	50	96	1	0-7,9
Whether sample person selected for a Day 2 interview	SELDAY2	51	97	1	1-2,9
Whether agreed to a Day 2 interview.	APPDAY2	52	98	1	0-3,9
Whether person reported eating breakfast in the IFIQ	BFFLAG	53	99	1	0-1
Main respondent for interview	OBSA	54	100	2	0-11,99
Whether no one helped main respondent to interview .	PWHRESPA	55	102	2	0-1,99
Whether sample person helped main respondent to interview	PWHRESPB	56	104	2	0,2,99
Whether mother of sample person helped main respondent to interview	PWHRESPC	57	106	2	0,3,99
Whether father of sample person helped main respondent to interview	PWHRESPD	58	108	2	0,4,99
Whether wife/female spouse of person helped main respondent to interview	PWHRESPE	59	110	2	0,5,99

(a) The detail for these items has been reduced to preserve the confidentiality of individuals and/or because the data at a more detailed level would be unreliable for most practical purposes

DATA ITEM GROUP / FIELD DESCRIPTION LABEL	FIELD NAME	FIELD NUMBER	START POSITION	LENGTH (BYTES)	RANGE OF CODES
NUTRITION <i>continued</i>					
Whether husband/male spouse of person helped main respondent to interview	PWHRESPF	60	112	2	0,6,99
Whether daughter of sample person helped main respondent to interview	PWHRESPG	61	114	2	0,7,99
Whether son of sample person helped main respondent to interview	PWHRESPH	62	116	2	0,8,99
Whether sister of sample person helped main respondent to interview	PWHRESPJ	63	118	2	0,9,99
Whether brother of sample person helped main respondent to interview	PWHRESPJ	64	120	2	0,10,99
Whether grandparent of sample person helped respondent to interview	PWHRESPK	65	122	2	0,11,99
Whether someone else helped main respondent to interview	PWHRESPL	66	124	2	0,12,99
Whether the interviewer or sample person had any problems with the IFIQ	OBSC	67	126	1	0-2,9
Usual way of eating	DIETTYPE	68	127	1	0-6,9
Number of times food is usually consumed per day	FOODINPD	69	128	1	0-9
Number of times per week food is usually consumed for breakfast	BREAKPW	70	129	1	0-5,9
How often salt is added to cooked food	SALTAFTTR	71	130	1	0-3,9
How often salt is added when cooking food	SALTDURI	72	131	1	0-4,9
Whether weight is same as 12 months ago	WCHANGE	73	132	1	0-4,9
Whether weight change due to change in kind of food/drink consumed	REASWCHA	74	133	1	0-1,9
Whether weight change due to change in amount of food/drink consumed	REASWCHB	75	134	1	0,2,9
Whether weight change due to ageing or physical growth	REASWCHC	76	135	1	0,3,9
Whether weight change due to change in physical activity levels	REASWCHD	77	136	1	0,4,9
Whether weight change due to a medical condition	REASWCHE	78	137	1	0,5,9
Whether weight change due to no special reason	REASWCHF	79	138	1	0,6,9
Whether weight change due to other reason	REASWCHG	80	139	1	0,7,9
Whether wants to change amount of fruit and vegetables eaten	FOODTCHA	81	140	1	0-1,9
Whether wants to change amount of breads and cereals eaten	FOODTCHB	82	141	1	0,2,9
Whether wants to change amount of foods high in fat eaten	FOODTCHC	83	142	1	0,3,9
Whether wants to change none of the selected foods' amounts	FOODTCHD	84	143	1	0,4,9
Whether desires any changes in amount of fruit & vegetables, breads & cereals, & foods high in fat	ANYCAFT	85	144	1	0-2,9
How would like to change amount of fruit and vegetables consumed	FRUITVEG	86	145	1	0-2,9
How would like to change amount of breads and cereals consumed	BREADCER	87	146	1	0-2,9
How would like to change amount of fatty food consumed	FATTYFDS	88	147	1	0-2,9
Whether costing too much is a barrier to changing amount of fruit and vegetables	BFRVEGA	89	148	1	0-1,9
Whether not having enough time is a barrier to changing amount of fruit and vegetables	BFRVEGB	90	149	1	0,2,9
Whether storage is a barrier to changing amount of fruit and vegetables	BFRVEGC	91	150	1	0,3,9
Whether availability is a barrier to changing amount of fruit and vegetables	BFRVEGD	92	151	1	0,4,9
Whether quality is a barrier to changing amount of fruit and vegetables	BFRVEGE	93	152	1	0,5,9
Whether not liking is a barrier to changing amount of fruit and vegetables	BFRVEGF	94	153	1	0,6,9
Whether liking too much is a barrier to changing amount of fruit and vegetables	BFRVEGG	95	154	1	0,7,9
Whether other factor is a barrier to changing amount of fruit and vegetables	BFRVEGH	96	155	1	0,8,9

DATA ITEM GROUP / FIELD DESCRIPTION LABEL	FIELD NAME	FIELD NUMBER	START POSITION	LENGTH (BYTES)	RANGE OF CODES
NUTRITION <i>continued</i>					
Whether costing too much is a barrier to changing amount of breads and cereals	BBRCERA	97	156	2	00–01,99
Whether cheapness is a barrier to changing amount of breads and cereals	BBRCERB	98	158	2	0,02,99
Whether storage is a barrier to changing amount of breads and cereals	BBRCERC	99	160	2	0,03,99
Whether availability is a barrier to changing amount of breads and cereals	BBRCERD	100	162	2	0,04,99
Whether quality is a barrier to changing amount of breads and cereals	BBRCERE	101	164	2	0,05,99
Whether not liking is a barrier to changing amount of breads and cereals	BBRCERF	102	166	2	0,06,99
Whether liking too much is a barrier to changing amount of breads and cereals	BBRCERG	103	168	2	0,07,99
Whether being fattening is a barrier to changing amount of breads and cereals	BBRCERH	104	170	2	0,08,99
Whether other factor is a barrier to changing amount of breads and cereals	BBRCERI	105	172	2	0,09,99
Whether costing too much is a barrier to changing amount of fatty foods	BFATTYA	106	174	2	00–01,99
Whether cheapness is a barrier to changing amount of fatty foods	BFATTYB	107	176	2	00,02,99
Whether availability is a barrier to changing amount of fatty foods	BFATTYC	108	178	2	00–03,99
Whether quality is a barrier to changing amount of fatty foods	BFATTYD	109	180	2	00,04,99
Whether liking the taste is a barrier to changing amount of fatty foods	BFATTYE	110	182	2	00,05,99
Whether do not like is a barrier to changing amount of fatty foods	BFATTYF	111	184	2	00,06,99
Whether fattening/unhealthy is a barrier to changing amount of fatty foods	BFATTYG	112	186	2	00,07,99
Whether cooking skills are a barrier to changing amount of fatty foods	BFATTYH	113	188	2	00,08,99
Whether convenience is a barrier to changing amount of fatty foods	BFATTYI	114	190	2	00,09,99
Whether other factor is a barrier to changing amount of fatty foods	BFATTYJ	115	192	2	00,10,99
Whether avoided certain foods due to teeth, mouth or swallowing problems	TMSPROBL	116	194	1	0–2,9
Whether ran out of food and had no money to buy more during the last 12 months	NOFOOD	117	195	1	0–2,9
Whether accepted FFQ questionnaire	ACFFQ	118	196	1	0–2,9
Date of intake month	MINTAKE	119	197	2	0–99
Day of week of interview	DAYOFWEE	120	199	1	0–7
Breast-fed flag	BREASTFD	121	200	1	0–1
Energy kJ total	TENERGY	122	201	10	0–9999999999
Protein g total	TPROTEIN	123	211	10	0–9999999999
Total fat g total	TTOTFAT	124	221	10	0–9999999999
Saturated fat g total	TTOTSFAT	125	231	10	0–9999999999
Monounsaturated fat g total	TTOTMFAT	126	241	10	0–9999999999
Polyunsaturated fat g total	TTOTPFAT	127	251	10	0–9999999999
Cholesterol mg total	TCHOLEST	128	261	10	0–9999999999
Total sugars g total	TTOTSUGR	129	271	10	0–9999999999
Starch g total	TSTARCH	130	281	10	0–9999999999
Carbohydrate g total	TCARBOHY	131	291	10	0–9999999999
Dietary fibre g total	TDFIBRE	132	301	10	0–9999999999
Vitamin A retinol equivalents mcg total	TVITARE	133	311	10	0–9999999999
Preformed vitamin A mcg total	TVITAPRE	134	321	10	0–9999999999

DATA ITEM GROUP / FIELD DESCRIPTION LABEL	FIELD NAME	FIELD NUMBER	START POSITION	LENGTH (BYTES)	RANGE OF CODES
Provitamin A mcg total	TPROVITA	135	331	10	0-9999999999
Thiamin mg total	TTHIAMIN	136	341	10	0-9999999999
Riboflavin mg total	TRIBOFLA	137	351	10	0-9999999999
Niacin-preformed mg total	TNIACINP	138	361	10	0-9999999999
Niacin-derived mg total	TNIACIND	139	371	10	0-9999999999
Niacin equivalents mg total	TNIACINE	140	381	10	0-9999999999
Folate mcg total	TFOLATE	141	391	10	0-9999999999
Vitamin C mg total	TVITAC	142	401	10	0-9999999999
Calcium mg total	TCALCIUM	143	411	10	0-9999999999
Phosphorus mg total	TPHOSPHO	144	421	10	0-9999999999
Magnesium mg total	TMAGNESI	145	431	10	0-9999999999
Iron mg total	TIRON	146	441	10	0-9999999999
Zinc mg total	TZINC	147	451	10	0-9999999999
Potassium mg total	TPOTASSI	148	461	10	0-9999999999
Alcohol g total	TALCOHOL	149	471	10	0-9999999999
Moisture g total	TMOISTUR	150	481	10	0-9999999999
Protein per 1 000 kJ energy	KPROTEIN	151	491	10	0-9999999999
Total fat per 1 000 kJ energy	KTOTFAT	152	501	10	0-9999999999
Saturated fat per 1 000 kJ	KTOTSFAT	153	511	10	0-9999999999
Monounsaturated fat per 1 000 kJ energy	KTOTMFAT	154	521	10	0-9999999999
Polyunsaturated fat per 1 000 kJ energy	KTOTPFAT	155	531	10	0-9999999999
Cholesterol per 1 000 kJ energy	KCHOLEST	156	541	10	0-9999999999
Total sugar per 1 000 kJ energy	KTOTSUGR	157	551	10	0-9999999999
Starch per 1 000 kJ energy	KSTARCH	158	561	10	0-9999999999
Carbohydrate per 1 000 kJ energy	KCARBOHY	159	571	10	0-9999999999
Dietary fibre per 1 000 kJ energy	KDFIBRE	160	581	10	0-9999999999
Vitamin A (expressed as retinol equivalents) per 1 000 kJ	KVITARE	161	591	10	0-9999999999
Preformed vitamin A per 1 000 kJ	KVITAPRE	162	601	10	0-9999999999
Provitamin A per 1 000 kJ energy	KPROVITA	163	611	10	0-9999999999
Thiamin per 1 000 kJ energy	KTHIAMIN	164	621	10	0-9999999999
Riboflavin per 1 000 kJ energy	KRIBOFLA	165	631	10	0-9999999999
Performed niacin per 1 000 kJ energy	KNIACINP	166	641	10	0-9999999999
Derived niacin per 1 000 kJ energy	KNIACIND	167	651	10	0-9999999999
Niacin equivalents per 1 000 kJ energy	KNIACINE	168	661	10	0-9999999999
Folate per 1 000 kJ energy	KFOLATE	169	671	10	0-9999999999
Vitamin C per 1 000 kJ	KVITAC	170	681	10	0-9999999999
Calcium per 1 000 kJ energy	KCALCIUM	171	691	10	0-9999999999
Phosphorus per 1 000 kJ energy	KPHOSPHO	172	701	10	0-9999999999
Magnesium per 1 000 kJ energy	KMAGNESI	173	711	10	0-9999999999
Iron per 1 000 kJ energy	KIRON	174	721	10	0-9999999999
Zinc per 1 000 kJ	KZINC	175	731	10	0-9999999999
Potassium per 1 000 kJ energy	KPOTASSI	176	741	10	0-9999999999
Alcohol (g) per 1 000 kJ energy	KALCOHOL	177	751	10	0-9999999999
Moisture per 1 000 kJ energy	KMOISTUR	178	761	10	0-9999999999
Protein percent contribution to energy intake	EPROTEIN	179	771	10	0-9999999999
Total fat percent contribution to energy intake	ETOTFAT	180	781	10	0-9999999999

DATA ITEM GROUP / FIELD DESCRIPTION LABEL	FIELD NAME	FIELD NUMBER	START POSITION	LENGTH (BYTES)	RANGE OF CODES
NUTRITION <i>continued</i>					
Saturated fat percent contribution to energy intake	ETOTSFAT	181	791	10	0-9999999999
Monounsaturated fat percent contribution to energy intake	ETOTMFAT	182	801	10	0-9999999999
Polyunsaturated percent contribution to energy intake	ETOTPFAT	183	811	10	0-9999999999
Total sugars percent contribution to energy intake	ETOTSUGR	184	821	10	0-9999999999
Starch percent contribution to energy intake	ESTARCH	185	831	10	0-9999999999
Carbohydrate percent contribution to energy intake	ECARBOHY	186	841	10	0-9999999999
Alcohol percent contribution to energy intake	EALCOHOL	187	851	10	0-9999999999
Non-alcoholic beverages (amount consumed the previous day)	NONALBEV	188	861	6	0-999999
Cereals and cereal products (amount consumed yesterday)	CEREALS	189	867	6	0-999999
Cereal-based products and dishes (amount consumed yesterday)	CERBASE	190	873	6	0-999999
Fats and oils (amount consumed the previous day)	FATSOILS	191	879	6	0-999999
Fish and seafood products and dishes (intake previous day)	FISHPROD	192	885	6	0-999999
Fruit products and dishes (amount consumed the previous day)	FRUTPROD	193	891	6	0-999999
Egg products and dishes (amount consumed yesterday)	EGGPROD	194	897	6	0-999999
Meat, poultry and game products and dishes (amount consumed previous day)	MEATPROD	195	903	6	0-999999
Milk products and dishes (amount consumed the previous day)	MILKPROD	196	909	6	0-999999
Soup (amount consumed the previous day)	SOUP	197	915	6	0-999999
Seeds and nut products and dishes (amount consumed the previous day)	SEEDNUT	198	921	6	0-999999
Savoury sauces and condiments (amount consumed the previous day)	SAUCES	199	927	6	0-999999
Vegetable products and dishes (amount consumed the previous day)	VEGPROD	200	933	6	0-999999
Legumes and pulse products and dishes (amount consumed the previous day)	LEGUME	201	939	6	0-999999
Snack foods (amount consumed previous day)	SNACKFD	202	945	6	0-999999
Sugar products and dishes (amount consumed the previous day)	SUGPROD	203	951	6	0-999999
Confectionery (amount consumed the previous day)	NUTBARS	204	957	6	0-999999
Alcoholic beverages (amount consumed the previous day)	ALCOBEV	205	963	6	0-999999
Special dietary foods (amount consumed the previous day)	SPECDIET	206	969	6	0-999999
Miscellaneous (amount consumed previous day)	MISC	207	975	6	0-999999
Infant formulae, and foods (amount consumed previous day)	INFANTF	208	981	6	0-999999
FOOD FREQUENCY QUESTIONNAIRE					
Flavoured milk drink frequency	FLMILKF	209	987	1	0-9
Milk as a drink frequency	MILKF	210	988	1	0-9
Milk on breakfast cereals frequency	MILKB CF	211	989	1	0-9
Milk in hot beverages frequency	MILKF BF	212	990	1	0-9
Cream or sour cream frequency	CREAMF	213	991	1	0-9
Ice cream frequency	ICREAMF	214	992	1	0-9
Yoghurt, plain or flavoured (including fromage frais) frequency	YOGHURTF	215	993	1	0-9
Cottage or ricotta cheese frequency	COTTAGEF	216	994	1	0-9
Cheddar and other cheeses frequency	CHEDDARF	217	995	1	0-9
White bread, toast or rolls frequency	WHITEBRF	218	996	1	0-9
Wholemeal/mixed grain bread toast or rolls frequency	WMBREADF	219	997	1	0-9
Muffin, bagel or crumpet frequency	MUFFINF	220	998	1	0-9
Dry or savoury biscuits frequency	DRYBISCF	221	999	1	0-9
Muesli frequency	MUESLIF	222	1 000	1	0-9

DATA ITEM GROUP / FIELD DESCRIPTION LABEL	FIELD NAME	FIELD NUMBER	START POSITION	LENGTH (BYTES)	RANGE OF CODES
FOOD FREQUENCY QUESTIONNAIRE <i>continued</i>					
Cooked porridge frequency	COOKPORF	223	1 001	1	0-9
Breakfast cereal frequency	CEREALF	224	1 002	1	0-9
Rice frequency	RICEF	225	1 003	1	0-9
Pasta (including filled) or noodles frequency	PASTAF	226	1 004	1	0-9
Mince dishes frequency	MINCEF	227	1 005	1	0-9
Mixed dishes with beef or veal frequency	MIXBEEFF	228	1 006	1	0-9
Beef, veal — roast, chop or steak frequency	STKBEEFF	229	1 007	1	0-9
Mixed dishes with lamb frequency	MIXLAMBF	230	1 008	1	0-9
Lamb — roast, chop or steak frequency	CHPLAMBF	231	1 009	1	0-9
Mixed dishes with pork frequency	MIXPORKF	232	1 010	1	0-9
Pork — roast, chop or steak frequency	CHPPORKF	233	1 011	1	0-9
Sausage, frankfurter frequency	SAUSAGEF	234	1 012	1	0-9
Bacon frequency	BACONF	235	1 013	1	0-9
Ham frequency	HAMF	236	1 014	1	0-9
Luncheon meats, salami frequency	SALAMIF	237	1 015	1	0-9
Liver frequency	LIVERF	238	1 016	1	0-9
Other offal frequency	OFFALF	239	1 017	1	0-9
Mixed dishes with chicken, turkey or duck etc frequency	MIXBIRDF	240	1 018	1	0-9
Chicken, turkey or duck — roast steamed or BBQ frequency	RSTBIRDF	241	1 019	1	0-9
Canned tuna, salmon, sardines frequency	CANFISHF	242	1 020	1	0-9
Fish, baked or grilled frequency	SBGFISHF	243	1 021	1	0-9
Fish fried frequency	FRYFISHF	244	1 022	1	0-9
Other seafood frequency	SEAFOODF	245	1 023	1	0-9
Egg frequency	EGGF	246	1 024	1	0-9
Cakes, sweet muffins, scones or pikelets frequency	CAKEMUF	247	1 025	1	0-9
Sweet pies or sweet pastries frequency	PIESPASF	248	1 026	1	0-9
Other puddings or desserts frequency	PUDDINGF	249	1 027	1	0-9
Plain sweet biscuits frequency	PLBISCF	250	1 028	1	0-9
Cream chocolate biscuits frequency	CHOCBISF	251	1 029	1	0-9
Meat pie, sausage roll or other savoury pastry frequency	MEATPIEF	252	1 030	1	0-9
Pizza frequency	PIZZAF	253	1 031	1	0-9
Hamburger frequency	HAMBURGF	254	1 032	1	0-9
Chocolate frequency	CHOCLTEF	255	1 033	1	0-9
Other confectionery frequency	CONFECTF	256	1 034	1	0-9
Jam, marmalade, syrup or honey frequency	JAMMARMF	257	1 035	1	0-9
Peanut butter or other nut spreads frequency	PEANUTBF	258	1 036	1	0-9
Vegemite, marmite or promite frequency	VEGEMITF	259	1 037	1	0-9
Nuts frequency	NUTSF	260	1 038	1	0-9
Potato, corn chips etc. frequency	CHIPSF	261	1 039	1	0-9
Oil and vinegar dressing frequency	OILDRESF	262	1 040	1	0-9
Mayonnaise dressing frequency	MAYDRESF	263	1 041	1	0-9
Fruit juice frequency	FRUITJUF	264	1 042	1	0-9
Vegetable or tomato juices frequency	VEGEJUIF	265	1 043	1	0-9
Fruit juice drink or fruit drink frequency	FRUITJDF	266	1 044	1	0-9
Low joule cordial frequency	LOWCORDF	267	1 045	1	0-9

DATA ITEM GROUP / FIELD DESCRIPTION LABEL	FIELD NAME	FIELD NUMBER	START POSITION	LENGTH (BYTES)	RANGE OF CODES
FOOD FREQUENCY QUESTIONNAIRE <i>continued</i>					
Cordial frequency	CORDIALF	268	1 046	1	0–9
Low joule soft drink frequency	LOWSOFTF	269	1 047	1	0–9
Soft drinks frequency	SOFDRNKF	270	1 048	1	0–9
Water frequency	WATERF	271	1 049	1	0–9
Coffee frequency	COFFEEF	272	1 050	1	0–9
Tea frequency	TEAF	273	1 051	1	0–9
Soy beverages frequency	SOYBEVF	274	1 052	1	0–9
Beer — low alcohol frequency	BEERLOWF	275	1 053	1	0–9
Beer — ordinary frequency	BEERORDF	276	1 054	1	0–9
Red wine frequency	REDWINEF	277	1 055	1	0–9
White wine or champagne/sparkling wine frequency	WHTWINEF	278	1 056	1	0–9
Wine cooler frequency	WINECOOF	279	1 057	1	0–9
Sherry or port frequency	SHERRYF	280	1 058	1	0–9
Spirits, liqueurs frequency	SPIRITSF	281	1 059	1	0–9
Green/mixed salad in sandwich frequency	VSANDWIF	282	1 060	1	0–9
Side salad with meal frequency	SIDESALF	283	1 061	1	0–9
Stir-fried or mixed vegetables frequency	VEGSTIRF	284	1 062	1	0–9
Vegetable casserole frequency	VEGCASSF	285	1 063	1	0–9
Potato, boiled, mashed or baked, frequency	POTATOF	286	1 064	1	0–9
Hot chips frequency	HOTCHIPF	287	1 065	1	0–9
Pumpkin frequency	PUMPKINF	288	1 066	1	0–9
Sweet potato frequency	SPOTATOF	289	1 067	1	0–9
Peas frequency	PEASF	290	1 068	1	0–9
Green beans frequency	GRBEANSF	291	1 069	1	0–9
Silverbeet, spinach frequency	SPINACHF	292	1 070	1	0–9
Broccoli frequency	BROCCOLF	293	1 071	1	0–9
Cauliflower frequency	CAULIFLF	294	1 072	1	0–9
Brussel sprouts, cabbage or coleslaw frequency	BRUSSELF	295	1 073	1	0–9
Carrots frequency	CARROTSF	296	1 074	1	0–9
Zucchini frequency	ZUCCHINF	297	1 075	1	0–9
Capsicum frequency	CAPSIF	298	1 076	1	0–9
Sweetcorn or corn on the cob frequency	SWCORNF	299	1 077	1	0–9
Mushrooms frequency	MUSHRMF	300	1 078	1	0–9
Tomatoes frequency	TOMATOF	301	1 079	1	0–9
Lettuce frequency	LETTUCEF	302	1 080	1	0–9
Celery, cucumber frequency	CELERYF	303	1 081	1	0–9
Onion or leeks frequency	ONIONF	304	1 082	1	0–9
Soybeans, tofu frequency	SOYBEANF	305	1 083	1	0–9
Baked beans frequency	BKDBEANF	306	1 084	1	0–9
Other beans, lentils frequency	LENTILSF	307	1 085	1	0–9
Apple or pear frequency	APPLEF	308	1 086	1	0–9
Orange, mandarin or grapefruit frequency	ORANGEF	309	1 087	1	0–9
Banana frequency	BANANAF	310	1 088	1	0–9
Peach, nectarine, plum or apricot frequency	PEACHF	311	1 089	1	0–9
Mango or paw-paw frequency	MANGOF	312	1 090	1	0–9

DATA ITEM GROUP / FIELD DESCRIPTION LABEL	FIELD NAME	FIELD NUMBER	START POSITION	LENGTH (BYTES)	RANGE OF CODES
FOOD FREQUENCY QUESTIONNAIRE <i>continued</i>					
Pineapple frequency	PINEAPPF	313	1 091	1	0-9
Grapes or berries frequency	GRAPESF	314	1 092	1	0-9
Melon frequency	MELONF	315	1 093	1	0-9
Multivitamin with iron frequency	MULIRONF	316	1 094	1	0-9
Multivitamin frequency	MULTIVIF	317	1 095	1	0-9
Vitamin A frequency	VITAMIAF	318	1 096	1	0-9
Vitamin B frequency	VITAMIBF	319	1 097	1	0-9
Vitamin C frequency	VITAMICF	320	1 098	1	0-9
Vitamin E frequency	VITAMIEF	321	1 099	1	0-9
B carotene frequency	BCAROTEF	322	1 100	1	0-9
Calcium frequency	CALCIUMF	323	1 101	1	0-9
Folic acid and folate frequency	FOLICACF	324	1 102	1	0-9
Iron frequency	IRONF	325	1 103	1	0-9
Zinc frequency	ZINCF	326	1 104	1	0-9
Number of lines consumed in FFQ	NRFOODS	327	1 105	3	0-999
Type of milk usually consumed	TYPEMILK	328	1 108	1	0-9
How often light cream is used	OILDAIRA	329	1 109	1	0-3,9
How often sour light cream is used	OILDAIRB	330	1 110	1	0-3,9
How often low/reduced fat icecream is used	OILDAIRC	331	1 111	1	0-3,9
How often low/reduced fat cheddar-type cheese is used	OILDAIRD	332	1 112	1	0-3,9
How often low/reduced oil salad dressing is used	OILDAIRE	333	1 113	1	0-3,9
How often low/reduced fat spreads are used	OILDAIRF	334	1 114	1	0-3,9
How often is meat trimmed of fat	MEATTRIM	335	1 115	1	0-4,9
How many serves of vegetables are usually eaten each day	VEGSEVE	336	1 116	1	0-5,9
How many serves of fruit are usually eaten each day	FRUITSVE	337	1 117	1	0-5,9
How often person or person who cooks food uses olive oil	OILFATSA	338	1 118	1	0-4,9
How often person or person who cooks food uses canola oil	OILFATSB	339	1 119	1	0-4,9
How often person or person who cooks food uses vegetable oil	OILFATSC	340	1 120	1	0-4,9
How often person or person who cooks food uses butter	OILFATSD	341	1 121	1	0-4,9
How often person or person who cooks food uses margarine	OILFATSE	342	1 122	1	0-4,9
How often person or person who cooks food uses dairy blend	OILFATSF	343	1 123	1	0-4,9
How often person or person who cooks food uses lard or dripping	OILFATSG	344	1 124	1	0-4,9
WOMENS HEALTH ISSUES					
Whether woman is breastfeeding a child	IFFEEDIN	345	1 125	1	0-3,9
BREASTFED					
Whether ever been breastfed	WBRSTFED	346	1 126	1	0-2
Whether currently being breastfed	WCBRSFED	347	1 127	1	0-2
Whether breastfed when first came home from hospital	WBRSFDHO	348	1 128	1	0-3
Total reported time of being breastfed(a)	TTBRFED	349	1 129	1	0-5
Total time exclusively breastfed(a)	TTEXBFD	350	1 130	1	0-8
Total time partially breastfed(a)	TTPABFD	351	1 131	1	0-6

(a) The detail for these items has been reduced to preserve the confidentiality of individuals and/or because the data at a more detailed level would be unreliable for most practical purposes

DATA ITEM GROUP / FIELD DESCRIPTION LABEL	FIELD NAME	FIELD NUMBER	START POSITION	LENGTH (BYTES)	RANGE OF CODES
BREAST FED <i>continued</i>					
Reason for stopping breastfeeding	REFOSBF	352	1 132	1	0–7
Age first given anything other than breastmilk(a)	BRSTFED	353	1 133	2	0–6
Age first given other milk substitutes regularly(a)	AGESUB	354	1 135	1	0–7
Type of other substitute given	TYOTSBG	355	1 136	1	0–7
Whether ever given infant formula regularly	WGINFFOR	356	1 137	1	0–2
Age first given infant formula regularly (weeks)(a)	AGEIF	357	1 138	1	0–8
Whether has ever been given cow's milk regularly	WTHGCOM	358	1 139	1	0–2
Age first given cow's milk regularly (weeks)(a)	AGECM	359	1 140	1	0–8
Whether ever been given other milk substitutes regularly	WGMLKSUB	360	1 141	1	0–2
Type(s) of other milk substitute given — soya bean	TYMLKSBA	361	1 142	1	0,1
Type(s) of other milk substitute given — goats milk	TYMLKSBB	362	1 143	1	0,2
Type(s) of other milk substitute given — evaporated milk	TYMLKSBC	363	1 144	1	0,3
Type(s) of other milk substitute given — other	TYMLKSBD	364	1 145	1	0,4
Whether ever given solid food	WTHGSFO	365	1 146	1	0–9
Age first given solid food regularly (weeks)(a)	AGESF	366	1 147	1	0–7
SELF-ASSESSMENT MEASURES					
Self-assessed health status	SELFHLTH	367	1 148	1	0–5
Self-reported weight (kg)	WEIGHTH	368	1 149	3	0, 40–120, 999
Self-reported height (cm)	HEIGHTH	369	1 152	3	0,149–195, 999
Self-assessed body mass	SASBWH	370	1 155	1	0–3
BMI (derived from self-reported height and weight)	RAWBMIH	371	1 156	4	0–9999
TOBACCO CONSUMPTION					
Whether currently smoke	WCURSMK	372	1 160	1	0–2
Whether currently smoke regularly	WCURSREG	373	1 161	1	0–2
Whether has ever smoked regularly	WHESMREG	374	1 162	1	0–2
EXERCISE					
Exercise level	PHYSACTI	375	1 163	1	0–4
PHYSICAL MEASUREMENTS					
Whether pregnant	PREGNANT	376	1 164	1	0–3,9
Consent for section B	CONSENTB	377	1 165	1	0–3,9
Whether ate anything in the half hour before blood pressure measurement	FACBLPRA	378	1 166	1	0–1,9
Whether smoked in the half hour before blood pressure measurement	FACBLPRB	379	1 167	1	0–2,9
Whether drank alcohol in the half hour before blood pressure measurement	FACBLPRC	380	1 168	1	0–3,9
Whether exercised in the half hour before blood pressure measurement	FACBLPRD	381	1 169	1	0–4,9
Did none of the selected activities in the half hour before blood pressure measurement	FACBLPRE	382	1 170	1	0–5,9

(a) The detail for these items has been reduced to preserve the confidentiality of individuals and/or because the data at a more detailed level would be unreliable for most practical purposes

DATA ITEM GROUP / FIELD DESCRIPTION LABEL	FIELD NAME	FIELD NUMBER	START POSITION	LENGTH (BYTES)	RANGE OF CODES
PHYSICAL MEASUREMENTS <i>continued</i>					
Whether person ate, smoked, drank alcohol or exercise in the half hour before blood pressure measurement	ANYFABP	383	1 171	1	0-2,9
Whether taking any medication to control blood pressure	MEDBLPR	384	1 172	1	0-2,9
Blood pressure reading 1 — systolic (mmHg)	SYST1	385	1 173	3	0-999
Blood pressure reading 2 — systolic (mmHg)	SYST2	386	1 176	3	0-999
Blood pressure reading 3 — systolic (mmHg)	SYST3	387	1 179	3	0-999
Blood pressure reading average — systolic (mmhg)	SYSTAVE	388	1 182	3	0-999
Blood pressure reading 1 — diastolic (mmHg)	DIAST1	389	1 185	3	0-999
Blood pressure reading 2 — diastolic (mmHg)	DIAST2	390	1 188	3	0-999
Blood pressure reading 3 — diastolic (mmHg)	DIAST3	391	1 191	3	0-999
Blood pressure reading average — diastolic (mmhg)	DIASTAVE	392	1 194	3	0-999
Blood pressure risk group status (recalculated)	BPRISKGR	393	1 197	1	0-4,9
Blood pressure risk group (as assessed by interviewer)	BPRGINT	394	1 198	1	0-4,9
Reason for not obtaining two blood pressure readings	NOTSECBP	395	1 199	1	0-5,9
Hypertension status	HYPERTEN	396	1 200	1	0-4,9
Height reading 1 (cm)	HGHT1	397	1 201	4	0-9999
Height reading 2 (cm)	HGHT2	398	1 205	4	0-9999
Height reading 3 (cm)	HGHT3	399	1 209	4	0-9999
Height (cm)	HGHTAVE	400	1 213	5	0-99999
Reason for not obtaining height measurement	NOHEIGHT	401	1 218	1	0-5,9
Weight of person (measured, kg)	PERSONWT	402	1 219	4	0-9999
Whether child's weight taken with the assistance of an adult	ADCHWT	403	1 223	1	0, 1
Reason for not obtaining weight measurement(a)	NOWEIGHT	404	1 224	1	0-3,9
Waist reading 1 (cm)	WAIST1	405	1 225	4	0-9999
Waist reading 2 (cm)	WAIST2	406	1 229	4	0-9999
Waist reading average (cm)	WAISTAVE	407	1 233	5	0-99999
Hip reading 1 (cm)	HIP1	408	1 238	4	0-9999
Hip reading 2 (cm)	HIP2	409	1 242	4	0-9999
Hip reading average (cm)	HIPAVE	410	1 246	5	0-99999
Reason for not obtaining waist and hip measurements	NOWAISTH	411	1 251	1	0-2,9
Waist to hip ratio	WHRATIO	412	1 252	7	0-9999999
BMI	BODYMIXN	413	1 259	7	0-9999999
Body mass for age — comparison to USA reference values(a)	BODYMAGE	414	1 266	1	0-4, 9
BMI for age — comparison to Australian reference values	BMI4AUST	415	1 267	2	00-10,88,99
Height for age (Z-score)	ZHTAGE	416	1 269	5	0-99999
Weight for age (Z-score)	ZWTAGE	417	1 274	5	0-99999
Weight for height (Z-score)	ZWHTHT	418	1 279	4	0-9999
Basal metabolic rate (megajoules)	BMR	419	1 283	8	0-99999999
Energy intake to basal metabolic rate ratio	EIBMR	420	1 291	4	0-9999

(a) The detail for these items has been reduced to preserve the confidentiality of individuals and/or because the data at a more detailed level would be unreliable for most practical purposes

DATA ITEM GROUP / FIELD DESCRIPTION LABEL	FIELD NAME	FIELD NUMBER	START POSITION	LENGTH (BYTES)	RANGE OF CODES
WEIGHTS					
IFIQ/main schedule person weight	IFIQWT	421	1 295	9	0-999999999
FFQ person weight	FFQWT	422	1 304	9	0-999999999
IFIQ-SF36 person weight	IFIQSFWT	423	1 313	9	0-999999999
IFIQ-NONSF36 person weight	IFIQNSFW	424	1 322	9	0-999999999
FFQ-SF36 person weight	FFQSFWT	425	1 331	9	0-999999999
FFQ-NONSF36 person weight	FFQNSFWT	426	1 340	9	0-999999999
IDENTIFYING ITEMS					
Family number	FAMNOP	427	1 349	1	0-6
Income unit number	IUNOP	428	1 350	1	0-5
Person number (within income unit)	PNOP	429	1 351	2	1-13

APPENDIX 1: NATIONAL NUTRITION SURVEY DATA ITEMS, FOOD LEVEL

DATA ITEM GROUP / FIELD DESCRIPTION LABEL	FIELD NAME	FIELD NUMBER	START POSITION	LENGTH (BYTES)	RANGE OF CODES
.....					
IDENTIFYING ITEMS					
Household indicative number (random)	RANDOMID	2	5	8	0-99999999
Person number	PERSNON	3	13	2	0-13
Food record identifier	IDN	4	15	1	0-9
Survey identifier	SIDN	5	16	5	0-99999
NUTRITION					
Line number	LINENUM	6	21	3	0-999
Eating time (hours)	EATHRS	7	24	2	0-99
Eating time (minutes)	EATMINS	8	26	2	0-99
Eat time flag	AMPM	9	28	1	0-2,8-9
Eating occasion	EATCALLD	10	29	2	0-07,97-99
Food code 1	FOODCOD1	11	31	8	0-99999999
Food code 2 (for modified recipes)	FOODCOD2	12	39	8	0-99999999
Combination code	CMBCODE	13	47	2	0-21
Combination sequence number	CMBSEQNO	14	49	2	0-99
How many (portion information)	HOWMANY	15	51	8	0-99999999
Measure (portion information)	MEASURE	16	59	3	0-999
Number eaten (portion information)	NOEATEN	17	62	8	0-99999999
Dimension 1 (portion information)	DIMENS1	18	70	6	0-999999
Dimension 2 (portion information)	DIMENS2	19	76	6	0-999999
Dimension 3 (portion information)	DIMENS3	20	82	6	0-999999
Gram weight description number (portion information)	GWTDSCNO	21	88	5	0-99999
Guideline number (portion information)	GUIDELIN	22	93	2	00-11
Portion size quality (portion information)	PSZQULTY	23	95	2	00,97,99
Portion size grams	PSZGRAMS	24	97	6	0-999999
Where food/beverage obtained	WHEREOBT	25	103	2	0-15,99
Whether food was eaten in home	EATINHOM	26	105	1	0-2,8-9
Whether food ever in home (if eaten away from home)	EVRIINHOM	27	106	1	0-2,8,9
Subcode	SUBCODE	28	107	7	0-9999999
Whether salt used in preparation of food reported in IFIQ	SALTUSD	29	114	1	0-3,8,9
Energy (kJ)	ENERGY	30	115	10	0-9999999999
Protein (g)	PROTEIN	31	125	10	0-9999999999
Total fat (g)	TOTFAT	32	135	10	0-9999999999
Saturated fat (g)	TOTSFAT	33	145	10	0-9999999999
Monounsaturated fat (g)	TOTMFAT	34	155	10	0-9999999999
Polyunsaturated fat (g)	TOTPFAT	35	165	10	0-9999999999
Cholesterol (mg)	CHOLEST	36	175	10	0-9999999999
Total sugars (g)	TOTSUGR	37	185	10	0-9999999999
Starch (g)	STARCH	38	195	10	0-9999999999
Carbohydrate (g)	CARBOHY	39	205	10	0-9999999999

DATA ITEM GROUP / FIELD DESCRIPTION LABEL	FIELD NAME	FIELD NUMBER	START POSITION	LENGTH (BYTES)	RANGE OF CODES
NUTRITION <i>continued</i>					
Dietary fibre (g)	DFIBRE	40	215	10	0-9999999999
Vitamin A retinol equivalents (mcg)	VITARE	41	225	10	0-9999999999
Preformed vitamin A (mcg)	VITAPRE	42	235	10	0-9999999999
Provitamin A (mcg)	PROVITA	43	245	10	0-9999999999
Thiamin (mg)	THIAMIN	44	255	10	0-9999999999
Riboflavin (mg)	RIBOFLA	45	265	10	0-9999999999
Niacin — preformed (mg)	NIACINP	46	275	10	0-9999999999
Niacin — derived (mg)	NIACIND	47	285	10	0-9999999999
Niacin equivalents (mg)	NIACINE	48	295	10	0-9999999999
Folate (mcg)	FOLATE	49	305	10	0-9999999999
Vitamin C (mg)	VITAC	50	315	10	0-9999999999
Calcium (mg)	CALCIUM	51	325	10	0-9999999999
Phosphorus (mg)	PHOSPHO	52	335	10	0-9999999999
Magnesium (mg)	MAGNESI	53	345	10	0-9999999999
Iron (mg)	IRON	54	355	10	0-9999999999
Zinc (mg)	ZINC	55	365	10	0-9999999999
Potassium (mg)	POTASSI	56	375	10	0-9999999999
Alcohol (g)	ALCOHOL	57	385	10	0-9999999999
Moisture (g)	MOISTUR	58	395	10	0-9999999999
IDENTIFYING ITEMS					
Family number	FAMNON	59	405	1	0-6
Income unit number	IUNON	60	406	1	0-5
Person number (within income unit)	PNON	61	407	2	1-13

APENDIX 2: NATIONAL HEALTH SURVEY DATA ITEMS

DATA ITEM GROUP / FIELD DESCRIPTION LABEL	FIELD NAME	FIELD NUMBER	START POSITION	LENGTH (BYTES)	RANGE OF CODES
INDICATIVE ITEMS					
Household indicative number (Random)	RANDOMID	1	1	8	0-99999999
Family number	FAMNO	2	9	1	0-6
Income unit number	IUNO	3	10	1	0-5
Person number	PNO	4	11	2	1-13
Household number	HLDPSN	5	13	1	1,2
Income unit type	IUTYPE	6	14	1	1-5,9
PERSON DESCRIPTION					
Sex	SEX	7	15	1	1-2
Age persons(a)	AGE	8	16	2	0
Age child under one(a)	AGEKIDS	9	18	1	0-4
Marital status	MARSTAT	10	19	1	1-6
Country of birth(a)	COB	11	20	2	01-14
Year of arrival(a)	YOARR	12	22	1	0-6
Position in family	FAMPOS	13	23	1	0-7
Position in income unit	IUPOS	14	24	1	0-4
Family relationship code	FAMRELCP	15	25	2	0-18
GEOGRAPHIC ITEMS					
State of interview	STATE	16	27	1	1-8
City, Metropolitan, Rural and Remote areas(a)	GEOGAREA	17	28	1	0
SEIFA Index of relative socio-economic disadvantage – Quintiles (a)	SEIFAQSE	18	29	1	1-5
LANGUAGE					
Whether household usually speaks English	WOTLANG	19	30	1	0-2
Usual language spoken at home(a)	LANSAH	20	31	1	0-7
Ability to speak English	ABSPENG	21	32	1	0-6
LABOUR FORCE					
Employment status	EMPSTAT	22	33	1	0-3,9
Usual major activity	UMACT	23	34	1	0-4
Number of jobs	WHMOJOB	24	35	1	0-2
Occupation(a)	OCCA	25	36	1	0-9
Employment type(a)	EMPTYPE	26	37	1	0-3,9
Usual hours worked(a)	HRSWKD	27	38	1	0-9
Number of weeks looking for work(a)	NUWKLFJ	28	39	1	0-7
Whether long-term unemployed	WTHLUEMP	29	40	1	0-2
Number of full-time employed persons in a household(a)	NFUTEMPP	30	41	1	0-6

(a) The detail for these items has been reduced to preserve the confidentiality of individuals and/or because the data at a more detailed level would be unreliable for most practical purposes

DATA ITEM GROUP / FIELD DESCRIPTION LABEL	FIELD NAME	FIELD NUMBER	START POSITION	LENGTH (BYTES)	RANGE OF CODES
EDUCATION					
Whether currently studying	WCURSTDY	31	42	1	0-3
Type of study	TYPESTUD	32	43	1	0-3
School attendance	SCHATT	33	44	1	0-2
Highest qualifications(a)	HIGHQUAL	34	45	1	0-9
Age first left school(a)	AGLFTSCH	35	46	1	0-4
Time since leaving school(a)	TSLSCH	36	47	1	0-9
INCOME					
Income main source(a)	INCMSRC	37	48	1	0-6
Gross personal annual income(a)	GPAINC	38	49	2	0-18
Equivalent income – decile(a)	EQUIVINC	39	51	2	0-10
Whether government pension/benefit received	PENBEN	40	53	1	0-2
HEALTH INSURANCE					
Insurance private cover	INSPRIV	41	54	1	0-2
Type health insurance(a)	INSTYPE	42	55	1	0-5
Contribution rate	INSCONR	43	56	1	0-2
Whether covered by health concession card(a)	WCOGHCD	44	57	1	0-3
HOUSING HISTORY					
Nature of occupancy(a)	TYOCCP	45	58	1	0-4
Type of landlord(a)	TYPLLOD	46	59	1	0-5
Number of bedrooms(a)	NUMBEDR	47	60	1	0,2-5
EXERCISE					
Exercise level index	EXLEVIND	48	61	1	0-4
Whether vigorous exercise	VIGOROUS	49	62	1	0-2
Number times vigorous(a)	NUMTVIG	50	63	2	0-30
Total time vigorous	TTSVIGEX	51	65	4	0-9999
Whether walking exercise	WALK	52	69	1	0-2
Number times walked	NRWALK	53	70	2	0-99
Total time walking	TIMEWALK	54	72	4	0-9999
Whether any moderate exercise	MODERATE	55	76	1	0-2
Number times moderate	NUTMODEX	56	77	2	0-99
Total time moderate	TIMEMOD	57	79	4	0-9999
TOBACCO CONSUMPTION					
Smoker status	SMOSTAT	58	83	1	0-3
SELF ASSESSMENT MEASURES					
Self assessed health status	SELFHLTH	59	84	1	0-5
Self reported weight(a)	WEIGHTKG	60	85	3	0-130,999

(a) The detail for these items has been reduced to preserve the confidentiality of individuals and/or because the data at a more detailed level would be unreliable for most practical purposes

DATA ITEM GROUP / FIELD DESCRIPTION LABEL	FIELD NAME	FIELD NUMBER	START POSITION	LENGTH (BYTES)	RANGE OF CODES
SELF ASSESSMENT MEASURES <i>continued</i>					
Body mass index(a)	BODYMIX	61	88	1	0–4,9
Self assessed body mass	SASBW	62	89	1	0–3
Self reported height(a)	HEIGHTCM	63	90	3	0–200,999
GENERAL HEALTH AND WELL-BEING					
Self assessment of health status(Q1)(a)	ASSHSTA	64	93	1	0–5,9
Assessment of health compared to one year ago(Q2)(a)	ASSHSTYA	65	94	1	0–5,9
Level that health limits vigorous activity(Q3a)	VIGACTA	66	95	1	0–3,9
Level that health limits moderate activity(Q3b)	MODACTA	67	96	1	0–3,9
Level that health limits lifting or carrying groceries(Q3c)	LCAGROA	68	97	1	0–3,9
Level that health limits climbing several flights of stairs(Q3d)	CLSFSTA	69	98	1	0–3,9
Level that health limits climbing one flight of stairs(Q3e)	CLOFSTA	70	99	1	0–3,9
Level that health limits bending, kneeling or stooping(Q3f)(a)	BNESTA	71	100	1	0–3,9
Level that health limits walking more than one kilometre(Q3g)	WMTHOKA	72	101	1	0–3,9
Level that health limits walking half a kilometre(Q3h)	WHKILMA	73	102	1	0–3,9
Level that health limits walking 100 metres(Q3i)	W100KMA	74	103	1	0–3,9
Level that health limits bathing or dressing(Q3j)	BDRESA	75	104	1	0–3,9
Physical health impact in past 4 weeks – work or other activities, time cut down(Q4a)	CTSWOATA	76	105	1	0–2,9
Physical health impact in past 4 wks – work or other activities, accomplished less than usual(Q4b)	CLEWOA	77	106	1	0–2,9
Physical health impact in past 4 weeks – work or other activities, limited in kind(Q4c)	LIKOACTA	78	107	1	0–2,9
Physical health impact in past 4 weeks – work or other activities, difficulty performing(Q4d)	DPERWATA	79	108	1	0–2,9
Emotional problems impact in past 4 weeks – work or other activity, time cut down(Q5a)	EPCWAA	80	109	1	0–2,9
Emotional problems impact in past 4 weeks – work or other activity, accomplished less(Q5b)	ALELDA	81	110	1	0–2,9
Emotional problems impact in past 4 weeks – work or other activity, not as careful(Q5c)	DOACTA	82	111	1	0–2,9
Extent of interference of physical health or emotional problems with normal social activities(Q6)(a)	PEPINA	83	112	1	0–5,9
Level of bodily pain experienced in past four weeks(Q7)(a)	BPH4WKA	84	113	1	0–6,9
Extent of interference of pain with normal work(Q8)(a)	PINNWKA	85	114	1	0–5,9
Time that felt full of life during past four weeks(Q9a)(a)	ATFLIFA	86	115	1	0–6,9
Time that felt very nervous during past four weeks(Q9b)(a)	ATBNEPA	87	116	1	0–6,9
Time that felt down in the dumps during past four weeks(Q9c)(a)	ATFDMPSA	88	117	1	0–6,9
Time that felt calm and peaceful during past four weeks(Q9d)(a)	ATCAPA	89	118	1	0–6,9
Time that had a lot of energy during past four weeks(Q9e)(a)	ATHLEA	90	119	1	0–6,9
Time that felt down during past four weeks(Q9f)(a)	ATFDNA	91	120	1	0–6,9
Time that felt worn out during past four weeks(Q9g)(a)	ATMWOA	92	121	1	0–6,9
Time that had been a happy person during past four weeks(Q9h)(a)	ATHPSNA	93	122	1	0–6,9
Time that had felt tired during past four weeks(Q9i)(a)	ATFTIRA	94	123	1	0–6,9

(a) The detail for these items has been reduced to preserve the confidentiality of individuals and/or because the data at a more detailed level would be unreliable for most practical purposes

DATA ITEM GROUP / FIELD DESCRIPTION LABEL	FIELD NAME	FIELD NUMBER	START POSITION	LENGTH (BYTES)	RANGE OF CODES
GENERAL HEALTH AND WELL BEING <i>continued</i>					
Whether healthy as anybody(Q11b)	WHAABDYA	97	126	1	0-5,9
Whether expects health to get worse (Q11c)	WHGWOSA	98	127	1	0-5,9
Whether health is excellent(Q11d)	WCHEXLTA	99	128	1	0-5,9
Extent that physical and emotional problems interfered with social activities(Q10)(a)	ATPEHINA	95	124	1	0-5,9
Whether gets sick easier than other people(Q11a)	WSTHOPA	96	125	1	0-5,9
WOMENS HEALTH ISSUES					
Womens health form(a)	WHFORM	100	129	1	0-2
Whether ever had a pap test	WHADPAP	101	130	1	0-2,9
Whether ever had a breast examination by a doctor or a medical assistant	WEHBREX	102	131	1	0-2,9
Whether regularly has breast examinations	WEHRBEX	103	132	1	0-2,9
Whether ever had a mammogram	EHADMAM	104	133	1	0-2,9
Whether ever had a hysterectomy	HADHYST	105	134	1	0-2,9
Whether regularly examines own breasts for lumps	WEXOBLUM	106	135	1	0-2,9
Period since last pap test (years)(a)	LASTPAP	107	136	1	0-6,9
Usual time between pap tests (years)(a)	TPSLAPAP	108	137	1	0-5
Usual time between mammograms (years)(a)	RTIPMAM	109	138	1	0-4
How often has breast examination by a doctor	HOFHABEX	110	139	1	0-5,9
How often examines own breasts	HOFEXOBR	111	140	1	0-5,9
Types of regular breast examination	TYPBREXM	112	141	1	0-9
Time since last had a mammogram	TSINLMAM	113	142	1	0-6,9
Reason for last mammogram	RESMAMG	114	143	2	0-25,28
Whether ever diagnosed with breast cancer	WEDIGBCA	115	145	1	0-2,9
Age when first diagnosed with breast cancer(a)	AGEDIBC	116	146	1	0-3
How long ago diagnosed with breast cancer(a)	HLDICAN	117	147	1	0-4
Age when had a hysterectomy(a)	AGEHHIS	118	148	1	0-6
Time since having hysterectomy(a)	TISINHIS	119	149	2	0-12
Whether ever heard of a pap test	WHESPAP	120	151	1	0-2,9
Whether ever heard of a mammogram	WEHMMGRM	121	152	1	0-2,9
Whether currently using oral contraceptive pill	USECON	122	153	1	0-2,9
Whether ever taken the oral contraceptive	WTACON	123	154	1	0-2,9
Age when first started taking oral contraceptive pill(a)	AGESPILL	124	155	1	0-4,9
Whether use contraceptive other than pill	ANOCNM	125	156	1	0-2,9
Type of contraceptive used(a)	TYCONUS	126	157	1	0-9
Reason other contraceptive not used(a)	RESCONNU	127	158	2	0-12,97
Number of months first child breastfed(a)	TIMEFEDA	128	160	2	0-16
Number of months second child breastfed(a)	TIMEFEDB	129	162	2	0-16
Number of months third child breastfed(a)	TIMEFEDC	130	164	2	0-16
Number of months fourth child breastfed(a)	TIMEFEDD	131	166	2	0-16
Number of months fifth child breastfed(a)	TIMEFEDE	132	168	2	0-16
Number of months sixth child breastfed(a)	TIMEFEDF	133	170	2	0-16

(a) The detail for these items has been reduced to preserve the confidentiality of individuals and/or because the data at a more detailed level would be unreliable for most practical purposes

DATA ITEM GROUP / FIELD DESCRIPTION LABEL	FIELD NAME	FIELD NUMBER	START POSITION	LENGTH (BYTES)	RANGE OF CODES
WOMEN'S HEALTH ISSUES <i>continued</i>					
Whether ever breastfed children	WBRSFED	134	172	1	0–2,9
Number of children breastfed(a)	NCHLB FED	135	173	1	0–7
Whether currently uses hormone replacement therapy	WCUHRT	136	174	1	0–2,9
Time used hormone replacement therapy(a)	HLNGHRT	137	175	1	0–4,9
Age started hormone replacement therapy(a)	AGESHRT	138	176	1	0–7
BREAST FED					
Whether ever been breastfed	WBRSTFED	139	177	1	0–2
Whether currently being breastfed	WCBRSFED	140	178	1	0–2
Whether breastfed when first home from hospital	WBRSFDHO	141	179	1	0–3
Total reported time of being breastfeeding(a)	TTBRFED	142	180	2	0–15
Total time exclusively breastfed(a)	TTEXBFD	143	182	2	0–19
Total time partially breastfed(a)	TTPABFD	144	184	2	0–19
Reason for stopping breastfeeding	REFOSBF	145	186	2	0–7
Age first given anything other than breastmilk(a)	BRSTFED	146	188	2	0–19
Age first given milk substitute(a)	AGESUB	147	190	1	0–7
Type of other substance first given	TYOTSBG	148	191	1	0–7
Whether given infant formula	WGINFFOR	149	192	1	0–2
Age first given infant formula(a)	AGEIF	150	193	1	0–7
Whether ever given cows milk regularly	WTHGCOM	151	194	1	0–2
Age first given cows milk(a)	AGECM	152	195	1	0–6
Whether given milk substitutes	WGMLKSUB	153	196	1	0–2
Type(s) of other milk substitute given – Soya bean	TYMLKSBA	154	197	1	0,1
Type(s) of other milk substitute given – Goat's milk	TYMLKSBB	155	198	1	0,2
Type(s) of other milk substitute given – Evaporated milk	TYMLKSBC	156	199	1	0,3
Type(s) of other milk substitute given – Other	TYMLKSBD	157	200	1	0,4
Whether ever given solid food	WTHGSFO	158	201	1	0–2
Age first given solid food(a)	AGESF	159	202	1	0–7
ACCIDENTS					
Period since most recent accident(a)	PSMRACC	160	203	2	0–10
Whether any condition(s) is/are a result of an accident or incident	RESUTCON	161	205	1	0–2
Whether all conditions as a result of same accident or incident	SAMEACC	162	206	1	0–2,9
Whether condition work related	WHCONWR	163	207	1	0–2,9
Type of injury sustained at most recent accident – Fractures	TINMRACA	164	208	2	0,1
Type of injury sustained at most recent accident – Sprain	TINMRACB	165	210	2	0,2
Type of injury sustained at most recent accident – Internal	TINMRACC	166	212	2	0,3
Type of injury sustained at most recent accident – Open wounds	TINMRACD	167	214	2	0,4
Type of injury sustained at most recent accident – Bruising	TINMRACE	168	216	2	0,5
Type of injury sustained at most recent accident – Foreign bodies	TINMRACF	169	218	2	0,6
Type of injury sustained at most recent accident – Burns	TINMRACG	170	220	2	0,7
Type of injury sustained at most recent accident – Poisoning	TINMRACH	171	222	2	0,8

(a) The detail for these items has been reduced to preserve the confidentiality of individuals and/or because the data at a more detailed level would be unreliable for most practical purposes

DATA ITEM GROUP / FIELD DESCRIPTION LABEL	FIELD NAME	FIELD NUMBER	START POSITION	LENGTH (BYTES)	RANGE OF CODES
ACCIDENTS <i>continued</i>					
Type of injury sustained at most recent accident – Complications	TINMRACI	172	224	2	0,9
Type of injury sustained at most recent accident – Stress	TINMRACJ	173	226	2	0,10
Type of injury sustained at most recent accident – Other	TINMRACK	174	228	2	0,11
Place of most recent accident	POCMRACC	175	230	1	0–6,9
Whether participating in sport, game or other recreational activity at time of most recent accident.	WMRAPSP	176	231	1	0–2,9
Agent of injury of most recent accident.	AGINMRAC	177	232	1	0–7,9
Type of condition which resulted from an accident – 1st–mentioned	ACCREAS1	178	233	3	0–999
Whether most recent accident – First	ACCFLGA1	179	236	1	0–2
Whether accident work related – First	ACCFLGB1	180	237	1	0–2
Type of condition which resulted from an accident – 2nd–mentioned	ACCREAS2	181	238	3	0–999
Whether most recent accident – Second	ACCFLGA2	182	241	1	0–2
Whether accident work related – Second	ACCFLGB2	183	242	1	0–2
Type of condition which resulted from an accident – 3rd–mentioned	ACCREAS3	184	243	3	0–999
Whether most recent accident – Third	ACCFLGA3	185	246	1	0–2
Whether accident work related – Third	ACCFLGB3	186	247	1	0–2
Type of condition which resulted from an accident – 4th–mentioned	ACCREAS4	187	248	3	0–999
Whether most recent accident – Fourth	ACCFLGA4	188	251	1	0–2
Whether accident work related – Fourth	ACCFLGB4	189	252	1	0–2
Type of condition which resulted from an accident – 5th–mentioned	ACCREAS5	190	253	3	0–999
Whether most recent accident – Fifth	ACCFLGA5	191	256	1	0–2
Whether accident work related – Fifth	ACCFLGB5	192	257	1	0–2
ALCOHOL CONSUMPTION					
Day of the week consumed alcohol – all	ALCDAYA	193	258	1	0,1
Day of the week consumed alcohol – Monday	ALCDAYB	194	259	1	0,2
Day of the week consumed alcohol – Tuesday	ALCDAYC	195	260	1	0,3
Day of the week consumed alcohol – Wednesday	ALCDAYD	196	261	1	0,4
Day of the week consumed alcohol – Thursday	ALCDAYE	197	262	1	0,5
Day of the week consumed alcohol – Friday	ALCDAYF	198	263	1	0,6
Day of the week consumed alcohol – Saturday	ALCDAYG	199	264	1	0,7
Day of the week consumed alcohol – Sunday	ALCDAYH	200	265	1	0,8
Day of week heaviest consumption from last 3 reference days	MAXDAY	201	266	1	0–8
Amount consumed (ml) on day of heaviest alcohol consumption from last 3 days in reference week(a)	AMNTHEAV	202	267	1	0–8
Number of days alcohol consumed in reference week(a)	NRDAYALC	203	268	1	0–7
Period since last drank alcohol(includes never drank)	PERALC	204	269	1	0–8
Day of the week alcohol consumption was reported – Day 1(a)	Q223AA	205	270	1	0–8
Day of the week alcohol consumption was reported – Day 2	Q223BB	206	271	1	0–8
Day of the week alcohol consumption was reported – Day 3	Q223CC	207	272	1	0–8
Day on which the interview was conducted	DOFINTV	208	273	1	0–7
Whether drank more, less or the same as usual in reference week	ALCCONS	209	274	1	0–3

(a) The detail for these items has been reduced to preserve the confidentiality of individuals and/or because the data at a more detailed level would be unreliable for most practical purposes

DATA ITEM GROUP / FIELD DESCRIPTION LABEL	FIELD NAME	FIELD NUMBER	START POSITION	LENGTH (BYTES)	RANGE OF CODES
ALCOHOL CONSUMPTION <i>continued</i>					
Average amount of alcohol consumed from up to last three occasions in reference week(a)	AVAMTD	210	275	2	0–14
Number of days alcohol consumption reported	NUDALCRE	211	277	1	0–3
Amount of extra/special light beer consumed – Day 1(a)	Q924A	212	278	2	0–11
Amount of low alcohol beer consumed – Day 1(a)	Q924B	213	280	2	0–11
Amount of full strength beer consumed – Day 1(a)	Q924C	214	282	2	0–11
Amount of wine consumed – Day 1(a)	Q924D	215	284	2	0–11
Amount of spirits/liqueurs consumed – Day 1(a)	Q924E	216	286	2	0–11
Amount of fortified wine consumed – Day 1(a)	Q924F	217	288	2	0–11
Amount of other alcohol consumed – Day 1(a)	Q924G	218	290	2	0–11
Amount of extra/special light beer consumed – Day 2(a)	Q924H	219	292	2	0–11
Amount of low alcohol beer consumed – Day 2(a)	Q924I	220	294	2	0–11
Amount of full strength beer consumed – Day 2(a)	Q924J	221	296	2	0–11
Amount of wine consumed – Day 2(a)	Q924K	222	298	2	0–11
Amount of spirits/liqueurs consumed – Day 2(a)	Q924L	223	300	2	0–11
Amount of fortified wine consumed – Day 2(a)	Q924M	224	302	2	0–11
Amount of other alcohol consumed – Day 2(a)	Q924N	225	304	2	0–11
Amount of extra/special light beer consumed – Day 3(a)	Q924O	226	306	2	0–11
Amount of low alcohol beer consumed – Day 3(a)	Q924P	227	308	2	0–11
Amount of full strength beer consumed – Day 3(a)	Q924Q	228	310	2	0–11
Amount of wine consumed – Day 3(a)	Q924R	229	312	2	0–11
Amount of spirits/liqueurs consumed – Day 3(a)	Q924S	230	314	2	0–11
Amount of fortified wine consumed – Day 3(a)	Q924T	231	316	2	0–11
Amount of other alcohol consumed – Day 3(a)	Q924U	232	318	2	0–11
Estimated weekly consumption of alcohol (ml)	ALCTWAMT	233	320	5	0–99999
Total amount of alcohol consumed (on last 3 days)(a)	TOALAMT	234	325	1	0–8
Estimated total daily consumption for the reference week	ETAMTRW	235	326	3	0–999
Type of alcoholic drink consumed – First type	ATYPE1	236	329	1	0–8
Amount of alcoholic drink consumed – First type	TLCTYP1	237	330	5	0–99999
Type of alcoholic drink consumed – Second type	ATYPE2	238	335	1	0–8
Amount of alcoholic drink consumed – Second type	TLCTYP2	239	336	5	0–99999
Type of alcoholic drink consumed – Third type	ATYPE3	240	341	1	0–8
Amount of alcoholic drink consumed – Third type	TLCTYP3	241	342	5	0–99999
Type of alcoholic drink consumed – Fourth type	ATYPE4	242	347	1	0–8
Amount of alcoholic drink consumed – Fourth type	TLCTYP4	243	348	5	0–99999
Type of alcoholic drink consumed – Fifth type	ATYPE5	244	353	1	0–8
Amount of alcoholic drink consumed – Fifth type	TLCTYP5	245	354	5	0–99999
Type of alcoholic drink consumed – Sixth type	ATYPE6	246	359	1	0–8
Amount of alcoholic drink consumed – Sixth type	TLCTYP6	247	360	5	0–99999
Type of alcoholic drink consumed – Seventh type	ATYPE7	248	365	1	0–8
Amount of alcoholic drink consumed – Seventh type	TLCTYP7	249	366	5	0–99999

(a) The detail for these items has been reduced to preserve the confidentiality of individuals and/or because the data at a more detailed level would be unreliable for most practical purposes

DATA ITEM GROUP / FIELD DESCRIPTION LABEL	FIELD NAME	FIELD NUMBER	START POSITION	LENGTH (BYTES)	RANGE OF CODES
SIGHT					
Whether colour blind	WTCOLBL	250	371	1	0-3
Whether currently wears glasses or contact lenses	WWGCL	251	372	1	0-2
Whether has problems with sight	WPWSIG	252	373	1	0-3
Whether sight problems which can be corrected by glasses or contact lenses	WSPCWG	253	374	1	0-4
Type of sight problems which can be corrected by glasses or contact lenses – Astigmatism	TSPCWGA	254	375	3	115
Type of sight problems which can be corrected by glasses or contact lenses – Long-sightedness	TSPCWGB	255	378	3	116
Type of sight problems which can be corrected by glasses or contact lenses – Short-sightedness	TSPCWGC	256	381	3	117
Type of sight problems which can be corrected by glasses or contact lenses – Age related	TSPCWGD	257	384	3	118
Type of sight problems which can be corrected by glasses or contact lenses – Other	TSPCWGE	258	387	3	107
Whether has any sight problems which cannot be corrected by glasses or contact lenses	WSIPCGL	259	390	1	0-3
Type of sight problems which cannot be corrected by glasses or contact lenses – Total blindness/Bli (a)	TCCGLSA	260	391	3	7
Type of sight problems which cannot be corrected by glasses or contact lenses – Cataracts	TCCGLSC	261	394	3	100
Type of sight problems which cannot be corrected by glasses or contact lenses – Glaucoma	TCCGLSD	262	397	3	101
Type of sight problems which cannot be corrected by glasses or contact lenses – Lazy eye	TCCGLSE	263	400	3	88
Type of sight problems which cannot be corrected by glasses or contact lenses – Other	TCCGLSF	264	403	3	0-118,999
ARTHRITIS					
Whether arthritis expected to last 6 months or more(a)	WT6ATH	265	406	1	0,1
Whether rheumatism expected to last 6 months or more(a)	WT6ARHUM	266	407	1	0,2
Whether gout expected to last 6 months or more(a)	WT6GOUT	267	408	1	0,3
Whether has osteo or rheumatoid arthritis – Osteo	WTORATHA	268	409	3	0,69
Whether has osteo or rheumatoid arthritis – Rheumatoid	WTORATHB	269	412	3	0,68
Whether has osteo or rheumatoid arthritis – Don't know	WTORATHC	270	415	3	0,70
Whether has osteo or rheumatoid arthritis – Neither	WTORATHD	271	418	3	991
ASTHMA					
Whether ever woken at night through own coughing	WWNBOCOG	272	421	1	1-2
Period since last woken at night through own coughing	LWOCOUG	273	422	1	0-4
Whether has wheezy chest after physical exertion	WWZAPHEX	274	423	1	0-2
How often wheezy cough occurs after physical exertion	HOFWZ	275	424	1	0-4
Whether has bout of coughing during physical exertion	WABOCOG	276	425	1	0-2
How often cough occurs during physical exertion	OFBOCOG	277	426	1	0-4
Whether ever has wheezy/whistly chest	WTHCHWZY	278	427	1	0-2
Period since last had wheezy/whistly chest	WHWZYCHT	279	428	1	0-4

(a) The detail for these items has been reduced to preserve the confidentiality of individuals and/or because the data at a more detailed level would be unreliable for most practical purposes

DATA ITEM GROUP / FIELD DESCRIPTION LABEL	FIELD NAME	FIELD NUMBER	START POSITION	LENGTH (BYTES)	RANGE OF CODES
ASTHMA <i>continued</i>					
Whether took medication for asthma in the two weeks prior to interview	WCTMAS	280	429	1	0-2
Reasons for taking asthma medication	RTASTMED	281	430	1	0-3
DIABETES					
Derived type of diabetes	TDIABDRV	282	431	1	0-3
Whether has ever been told has diabetes or high bloodsugar by a doctor or nurse	TOLDDISG	283	432	1	0-3
Whether currently has diabetes or high blood sugar(a)	CURRDISG	284	433	1	0-6,9
Type of diabetes reported by respondent.	RTYDIB	285	434	3	0-93
Derived type of diabetes – current	TYDIABTS	286	437	1	0-3
Age first told that has diabetes(a)	AGFDIB	287	438	2	0-80,99
Age first told has high sugar levels in blood or urine(a)	AGFHSUL	288	440	2	0-80,99
Time since told had diabetes	TSITDIB	289	442	2	0-99
Time since told had high sugar levels	TISIHSUL	290	444	2	0-99
Whether has ever been given dietary advice for condition	WGIVDIAD	291	446	1	0-2
Age first given advice about diabetes(a)	AGFGADV	292	447	2	0-80,99
Time since first given advice about diabetes/high blood sugar	TSFGADV	293	449	2	0-99
Whether currently trying to follow dietary advice most of the time	WCURFDAD	294	451	1	0-2
Whether ever received any treatment for diabetes	TRDIA	295	452	1	0-2
Whether ever received any treatment for high sugar levels	TRSUGL	296	453	1	0-2
Age first received other treatment for diabetes(a)	AGROTRDI	297	454	2	0-99
Age first received other treatment for high sugar levels(a)	AGROTRHS	298	456	2	0-99
Period since received other treatment for diabetes(a)	PSROTRM	299	458	1	0-6
Period since received other treatment for high sugar levels(a)	PSROTHSL	300	459	1	0-6
Treatment(s) first given when diabetes diagnosed – Insulin	TFGDDIGA	301	460	1	0,1
Treatment(s) first given when diabetes diagnosed – Tablets	TFGDDIGB	302	461	1	0,2
Treatment(s) first given when diabetes diagnosed – Diet	TFGDDIGC	303	462	1	0,3
Treatment(s) first given when diabetes diagnosed – Exercise	TFGDDIGD	304	463	1	0,4
Treatment(s) first given when diabetes diagnosed – Lose weight	TFGDDIGE	305	464	1	0,5
Treatment(s) first given when diabetes diagnosed – Other	TFGDDIGF	306	465	1	0,6
Treatment(s) first given when high sugar level diagnosed – Insulin	TFGDDIBA	307	466	1	0,1
Treatment(s) first given when high sugar level diagnosed – Tablets	TFGDDIBB	308	467	1	0,2
Treatment(s) first given when high sugar level diagnosed – Diet	TFGDDIBC	309	468	1	0,3
Treatment(s) first given when high sugar level diagnosed – Exercise	TFGDDIBD	310	469	1	0,4
Treatment(s) first given when high sugar level diagnosed – Lose weight	TFGDDIBE	311	470	1	0,5
Treatment(s) first given when high sugar level diagnosed – Other	TFGDDIBF	312	471	1	0,6
Whether currently on any treatment for diabetes	WCTRDIA	313	472	1	0-2
Whether currently on any treatment for high sugar levels	WCTRSUGL	314	473	1	0-2
Type of treatment currently having for diabetes – Insulin	TYTCHDA	315	474	1	0,1
Type of treatment currently having for diabetes – Tablets	TYTCHDB	316	475	1	0,2
Type of treatment currently having for diabetes – other	TYTCHDC	317	476	1	0,3
Type of treatment currently having for high sugar levels – Insulin	TYTHSLA	318	477	1	0,1

(a) The detail for these items has been reduced to preserve the confidentiality of individuals and/or because the data at a more detailed level would be unreliable for most practical purposes

DATA ITEM GROUP / FIELD DESCRIPTION LABEL	FIELD NAME	FIELD NUMBER	START POSITION	LENGTH (BYTES)	RANGE OF CODES
DIABETES <i>continued</i>					
Type of treatment currently having for high sugar levels – Tablets	TYTHSLB	319	478	1	0,2
Type of treatment currently having for high sugar levels – Other	TYTHSLC	320	479	1	0,3
Whether currently on Insulin	WCININJ	321	480	1	0,1
Age that first started having insulin injections(a)	ASTININ	322	481	2	0–10
Period since starting daily insulin injections(a)	PSHINSLN	323	483	1	0–6
Whether expect to still have insulin injections in two years	WEDININ	324	484	1	0–3
Whether suspects may currently have diabetes	WSCURDIB	325	485	1	0–2
Whether has ever been tested for diabetes	WTSTDIA	326	486	1	0–3
How long ago was last test for diabetes(a)	HLTDIA	327	487	1	0–6
Age at last test for diabetes(a)	HLTFDIA	328	488	1	0–9
Whether suspects may currently have high sugar levels	WHHISL	329	489	1	0–2
Whether has ever been tested for high sugar levels	WTSTHSL	330	490	1	0–3
How long ago was last test for high sugar levels(a)	HLTFHSL	331	491	2	0–6
Age at last test for high sugar levels(a)	ALTFHSL	332	493	2	0–80,99
HOSPITAL EPISODES					
Whether hospitalised in the two weeks prior to interview	ACOL1HOS	333	495	2	01,51
Total number of nights spent in hospital at most recent admission(a)	ANUM1HOS	334	497	2	0–15
Reason for most recent hospital stay in last two weeks – First reason(a)	RSN1HOSA	335	499	3	0–999
Reason for most recent hospital stay in last two weeks – Second reason(a)	RSN1HOSB	336	502	3	0–999
Reason for most recent hospital stay in last two weeks – Third reason(a)	RSN1HOSC	337	505	3	0–209
Reason for most recent hospital stay in last two weeks – Fourth reason(a)	RSN1HOSD	338	508	3	0,74
Reason for most recent hospital stay in last two weeks – Fifth reason(a)	RSN1HOSE	339	511	3	0,90
Whether visited casualty/outpatients in the two weeks prior to interview	ACOL2CAS	340	514	2	02,52
Number of times visited casualty/emergency in the last two weeks(a)	ANUM2CAS	341	516	1	0–3
Reasons for visit to casualty/emergency in last two weeks – First reason(a)	RNS2CASA	342	517	3	0–999
Reasons for visit to casualty/emergency in last two weeks – Second reason(a)	RNS2CASB	343	520	3	0–999
Reasons for visit to casualty/emergency in last two weeks – Third reason(a)	RNS2CASC	344	523	3	0,34,90,123,128
Reasons for visit to casualty/emergency in last two weeks – Fourth reason(a)	RNS2CASD	345	526	3	0,74
Reasons for visit to casualty/emergency in last two weeks – Fifth reason(a)	RNS2CASE	346	529	3	0,90
Whether visited outpatients section in the two weeks prior to interview	ACOL3OUT	347	532	2	03,53
Number of times visited outpatients in last two weeks(a)	ANUM3OUT	348	534	2	0–10
Reasons for most recent visit to outpatients in last two weeks – First reason(a)	RSN3OUTA	349	536	3	0–999
Reasons for most recent visit to outpatients in last two weeks – Second reason(a)	RSN3OUTB	350	539	3	0–999
Reasons for most recent visit to outpatients in last two weeks – Third reason(a)	RSN3OUTC	351	542	3	0–121,998
Reasons for most recent visit to outpatients in last two weeks – Fourth reason(a)	RSN3OUTD	352	545	3	0,74

(a) The detail for these items has been reduced to preserve the confidentiality of individuals and/or because the data at a more detailed level would be unreliable for most practical purposes

DATA ITEM GROUP / FIELD DESCRIPTION LABEL	FIELD NAME	FIELD NUMBER	START POSITION	LENGTH (BYTES)	RANGE OF CODES
HOSPITAL EPISODES <i>continued</i>					
Reasons for most recent visit to outpatients in last two weeks – Fifth reason(a)	RSN3OUTE	353	548	3	0,90
Whether visited day clinic in the two weeks prior to interview	ACOL4DAY	354	551	2	04,54
Number of times visited day clinic in last two weeks(a)	ANUM4DAY	355	553	1	0–4
Reasons for most recent visit to day clinic in last two weeks – First reason(a)	RSN4DAYA	356	554	3	0–999
Reasons for most recent visit to day clinic in last two weeks – Second reason(a)	RSN4DAYB	357	557	3	0–999
Reasons for most recent visit to day clinic in last two weeks – Third reason(a)	RSN4DAYC	358	560	3	0,41,72
Reasons for most recent visit to day clinic in last two weeks – Fourth reason(a)	RSN4DAYD	359	563	3	0,74
Reasons for most recent visit to day clinic in last two weeks – Fifth reason(a)	RSN4DAYE	360	566	3	0,90
DOCTOR CONSULTATION					
Whether consulted any doctors in the two weeks prior to interview	ACOL5DOC	361	569	2	5,55
Number of doctor consultations in last two weeks(a)	ANUM5DOC	362	571	2	0–10
Reasons for most recent doctor consultation in last two weeks – First reason(a)	RSN5DOCA	363	573	3	0–999
Reasons for most recent doctor consultation in last two weeks – Second reason(a)	RSN5DOCB	364	576	3	0–999
Reasons for most recent doctor consultation in last two weeks – Third reason(a)	RSN5DOCC	365	579	3	0–999
Reasons for most recent doctor consultation in last two weeks – Fourth reason(a)	RSN5DOCD	366	582	3	0,2
Reasons for most recent doctor consultation in last two weeks – Fifth reason(a)	RSN5DOCE	367	585	3	0,2,7,74,90
OTHER HEALTH PROFESSIONALS					
Whether visited any other health professionals in the two weeks prior to interview (First OHP)	ACOL6OHP	368	588	2	06,56
Number of times consulted first type of ohp in last two weeks(a)	ANUM6OHP	369	590	2	6,56
Reason for most recent consultation with first type of ohp – First reason(a)	RSN6OHPA	370	592	3	0–999
Reason for most recent consultation with first type of ohp – Second reason(a)	RSN6OHPB	371	595	3	0–999
Reason for most recent consultation with first type of ohp – Third reason(a)	RSN6OHPC	372	598	3	0–999
Reason for most recent consultation with first type of ohp – Fourth reason(a)	RSN6OHPD	373	601	3	0,1,74
Reason for most recent consultation with first type of ohp – Fifth reason(a)	RSN6OHPE	374	604	3	0,74
Whether visited any other health professionals in the two weeks prior to interview (Second OHP)	ACOL7OHP	375	607	2	07,56
Number of times consulted 2nd ohp in last two weeks(a)	ANUM7OHP	376	609	2	0–14
Reasons for most recent consultation with second type of ohp – First reason(a)	RSN7OHPA	377	611	3	0–999
Reasons for most recent consultation with second type of ohp – Second reason(a)	RSN7OHPB	378	614	3	0–999

(a) The detail for these items has been reduced to preserve the confidentiality of individuals and/or because the data at a more detailed level would be unreliable for most practical purposes

DATA ITEM GROUP / FIELD DESCRIPTION LABEL	FIELD NAME	FIELD NUMBER	START POSITION	LENGTH (BYTES)	RANGE OF CODES
OTHER HEALTH PROFESSIONALS <i>continued</i>					
Reasons for most recent consultation with second type of ohp – Third reason(a)	RSN70HPC	379	617	3	0,40,42,63,64
Reasons for most recent consultation with second type of ohp – Fourth reason(a)	RSN70HPD	380	620	3	0,1,74
Reasons for most recent consultation with second type of ohp – Fifth reason(a)	RSN70HPE	381	623	3	0,90
DENTAL					
Whether visited the dentist in the two week prior to interview	ACOL24DE	382	626	2	24,57
Number of dental consultations in last two weeks(a)	NUM24DEN	383	628	2	0–7
Type of dental treatment received at last consultation – First type(a)	RS24DENA	384	630	3	0,29,74,998
Type of dental treatment received at last consultation – Second type(a)	RS24DENB	385	633	3	0–999
Type of dental treatment received at last consultation – Third type(a)	RS24DENC	386	636	3	0–999
Type of dental treatment received at last consultation – Fourth type(a)	RS24DEND	387	639	3	0,74
Type of dental treatment received at last consultation – Fifth type(a)	RS24DENE	388	642	3	0,90
INCAPACITY (REDUCED ACTIVITY)					
Whether had any reduced activity days in the 2 weeks prior to interview	ACOL25	389	645	2	25,58
Number of reduced activity days in two weeks prior to interview	ANM25RED	390	647	2	0
Reasons for reduced activity day in last two weeks prior to interview – First reason(a)	RN25REDA	391	649	3	0–999
Reasons for reduced activity day in last two weeks prior to interview – Second reason(a)	RN25REDB	392	652	3	0–999
Reasons for reduced activity day in last two weeks prior to interview – Third reason(a)	RN25REDC	393	655	3	0–999
Reasons for reduced activity day in last two weeks prior to interview – Fourth reason(a)	RN25REDD	394	658	3	0–205
Reasons for reduced activity day in last two weeks prior to interview – Fifth reason(a)	RN25REDE	395	661	3	0,90
Whether had any days away from work in the two weeks prior to interview	ACOL26OW	396	664	2	26,59
Number of days away from work(a)	ANUM26OW	397	666	2	0–14
Reasons for days away from work – First reason(a)	RSN26OWA	398	668	3	0–999
Reasons for days away from work – Second reason(a)	RSN26OWB	399	671	3	0–999
Reasons for days away from work – Third reason(a)	RSN26OWC	400	674	3	0–999
Reasons for days away from work – Fourth reason(a)	RSN26OWD	401	677	3	0,74
Reasons for days away from work – Fifth reason(a)	RSN26OWE	402	680	3	0,90
Whether had any days away from school in the two weeks prior to interview	ACOL27OS	403	683	2	27,60
Number of days away from school(a)	ANUM27OS	404	685	2	0–10
Reasons for days away from school – First reason(a)	RSN27OSA	405	687	3	0–999
Reasons for days away from school – Second reason(a)	RSN27OSB	406	690	3	0–999
Reasons for days away from school – Third reason(a)	RSN27OSC	407	693	3	0–124
Reasons for days away from school – Fourth reason(a)	RSN27OSD	408	696	3	0,74
Reasons for days away from school – Fifth reason(a)	RSN27OSE	409	699	3	0,90

(a) The detail for these items has been reduced to preserve the confidentiality of individuals and/or because the data at a more detailed level would be unreliable for most practical purposes

DATA ITEM GROUP / FIELD DESCRIPTION LABEL	FIELD NAME	FIELD NUMBER	START POSITION	LENGTH (BYTES)	RANGE OF CODES
USE OF MEDICINES					
Whether had any vitamins/minerals in the two weeks prior to interview	ACOLVIMI	410	702	2	28,61
Number of vitamins and minerals used in the two weeks prior to interview	WUVIMISP	411	704	2	0
0* Reasons for using vitamins and minerals in the last two weeks – First reason(a)	RUVIMINA	412	706	3	0–98
0* Reasons for using vitamins and minerals in the last two weeks – Second reason(a)	RUVIMINB	413	709	3	0–999
0* Reasons for using vitamins and minerals in the last two weeks – Third reason(a)	RUVIMINC	414	712	3	0–999
0* Reasons for using vitamins and minerals in the last two weeks – Fourth reason(a)	RUVIMIND	415	715	3	0–999
0* Reasons for using vitamins and minerals in the last two weeks – Fifth reason(a)	RUVIMINE	416	718	3	0
Whether had any natural or herbal medications in the two weeks prior to interview	ACOLNAH	417	721	2	29,62
Number of herbal medications used in the two weeks prior to interview	WUSENHP	418	723	2	0
Reasons for using natural or herbal medications in the two weeks prior to interview – First reason(a)	RUSENHPA	419	725	3	0–97
Reasons for using natural or herbal medications in the two weeks prior to interview – Second reason(a)	RUSENHPB	420	728	3	0–999
Reasons for using natural or herbal medications in the two weeks prior to interview – Third reason(a)	RUSENHPC	421	731	3	0–999
Reasons for using natural or herbal medications in the two weeks prior to interview – Fourth reason(a)	RUSENHPD	422	734	3	0–999
Reasons for using natural or herbal medications in the two weeks prior to interview – Fifth reason(a)	RUSENHPE	423	737	3	0
Whether had any diabetes medications in the two weeks prior to interview	ACOLDIBT	424	740	2	30,63
Number of diabetes medications used in the two weeks prior to interview	ANUMDIBT	425	742	1	0–7
Reasons for using diabetes medications – First reason(a)	MDIABTSA	426	743	3	0–999
Reasons for using diabetes medications – Second reason(a)	MDIABTSB	427	746	3	0,51,71,79,93
Reasons for using diabetes medications – Third reason(a)	MDIABTSC	428	749	3	0
Reasons for using diabetes medications – Fourth reason(a)	MDIABTSD	429	752	3	0,74
Reasons for using diabetes medications – Fifth reason(a)	MDIABTSE	430	755	3	0,90
Whether had any asthma medications in the two weeks prior to interview	ACOLASTM	431	758	2	31,64
Number of asthma medications used in the two weeks prior to interview	ANUMASTM	432	760	1	0–7
Reasons for using asthma medications in the two weeks prior to interview – First reason(a)	MASTHMAA	433	761	3	0–999
Reasons for using asthma medications in the two weeks prior to interview – Second reason(a)	MASTHMAB	434	764	3	0–999
Reasons for using asthma medications in the two weeks prior to interview – Third reason	MASTHMAC	435	767	3	0,21,71
Reasons for using asthma medications in the two weeks prior to interview – Fourth reason	MASTHMAD	436	770	3	0,74,81
Reasons for using asthma medications in the two weeks prior to interview – Fifth reason(a)	MASTHMAE	437	773	3	0,90
Whether had any arthritis medications in the two weeks prior to interview	ACOLARTH	438	776	2	32,65

(a) The detail for these items has been reduced to preserve the confidentiality of individuals and/or because the data at a more detailed level would be unreliable for most practical purposes

DATA ITEM GROUP / FIELD DESCRIPTION LABEL	FIELD NAME	FIELD NUMBER	START POSITION	LENGTH (BYTES)	RANGE OF CODES
USE OF MEDICINES <i>continued</i>					
Number of arthritis medications taken	ANUMARTH	439	778	1	0-7
Reasons for using arthritis medications in the last two weeks – First reason(a)	MARTHRTA	440	779	3	0-999
Reasons for using arthritis medications in the last two weeks – Second reason(a)	MARTHRTB	441	782	3	0-999
Reasons for using arthritis medications in the last two weeks – Third reason(a)	MARTHRTC	442	785	3	0-112
Reasons for using arthritis medications in the last two weeks – Fourth reason(a)	MARTHRTD	443	788	3	0,74
Reasons for using arthritis medications in the last two weeks – Fifth reason(a)	MARTH RTE	444	791	3	0,90
Whether had cough/cold medications in the two weeks prior to interview	ACOLCOCL	445	794	2	33,66
Number of cough/cold medications taken in the last two weeks	ANUMCOCL	446	796	1	0-7
1st reason for using cough/cold medications last two weeks	ACOFCLDA	447	797	3	0-999
2nd reason for using cough/cold medications last two weeks(a)	ACOFCLDB	448	800	3	0-100
3rd reason for using cough/cold medications last two weeks	ACOFCLDC	449	803	3	0-128
4th reason for using cough/cold medications last two weeks	ACOFCLDD	450	806	3	0,9,22,23,43,84
5th reason for using cough/cold medications last two weeks	ACOFCLDE	451	809	3	0,75
Whether had skin medications in the two weeks prior to interview	ACOLSKIN	452	812	2	34,67
Number of skin medications taken in the last two weeks	ANUMSKIN	453	814	1	0-7
Reasons for using skin medications in the last two weeks – First reason(a)	RMDSKINA	454	815	3	0-999
Reasons for using skin medications in the last two weeks – Second reason(a)	RMDSKINB	455	818	3	0-999
Reasons for using skin medications in the last two weeks – Third reason(a)	RMDSKINC	456	821	3	0-128
Reasons for using skin medications in the last two weeks – Fourth reason(a)	RMDSKIND	457	824	3	0,42,74,98
Reasons for using skin medications in the last two weeks – Fifth reason(a)	RMDSKINE	458	827	3	0,90
Whether had stomach medications in the two weeks prior to interview	ACOLSTOM	459	830	2	35,68
Number of stomach medications used in the last two weeks	ANUMSTOM	460	832	1	0-7
Reasons for using stomach medications in the last two weeks – First reason(a)	STOMACHA	461	833	3	0-999
Reasons for using stomach medications in the last two weeks – Second reason(a)	STOMACHB	462	836	3	0-999
Reasons for using stomach medications in the last two weeks – Third reason(a)	STOMACHC	463	839	3	0,25,30,57,97
Reasons for using stomach medications in the last two weeks – Fourth reason(a)	STOMACHD	464	842	3	0,74
Reasons for using stomach medications in the last two weeks – Fifth reason(a)	STOMACHE	465	845	3	0,90
Whether had laxatives medications in the two weeks prior to interview	ACOLLAXT	466	848	2	36,69
Number of laxatives medications taken in the last two weeks	ANUMLAXT	467	850	1	0-7
Reasons for using laxative medications in the last two weeks – First(a)	LAXETIVA	468	851	3	0-999
Reasons for using laxative medications in the last two weeks – Second(a)	LAXETIVB	469	854	3	0,27,992
Reasons for using laxative medications in the last two weeks – Third(a)	LAXETIVC	470	857	3	0
Reasons for using laxative medications in the last two weeks – Fourth(a)	LAXETIVD	471	860	3	0,74

(a) The detail for these items has been reduced to preserve the confidentiality of individuals and/or because the data at a more detailed level would be unreliable for most practical purposes

DATA ITEM GROUP / FIELD DESCRIPTION LABEL	FIELD NAME	FIELD NUMBER	START POSITION	LENGTH (BYTES)	RANGE OF CODES
USE OF MEDICINES <i>continued</i>					
Reasons for using laxative medications in the last two weeks – Fifth(a)	LAXETIVE	472	863	3	0,90
Whether had allergy medications in the two weeks prior to interview	ACOLALLS	473	866	2	37,70
Number of allergy medications used in the last two weeks	ANUMALLS	474	868	1	0–7
Reasons for using allergy medications – First reason(a)	MALLERGA	475	869	3	0–999
Reasons for using allergy medications – Second reason(a)	MALLERGB	476	872	3	0–999
Reasons for using allergy medications – Third reason(a)	MALLERGC	477	875	3	0–64
Reasons for using allergy medications – Fourth reason(a)	MALLERGD	478	878	3	0,71,74
Reasons for using allergy medications – Fifth reason(a)	MALLERGE	479	881	3	0,90
Whether had diuretics medications in the two weeks prior to interview	ACOLDIUR	480	884	2	38,71
Number of diuretics used in the last two weeks .	ANUMDIUR	481	886	1	0–7
Reasons for using diuretics in the last two weeks – First reason(a)	MRDIURTA	482	887	3	0–999
Reasons for using diuretics in the last two weeks – Second reason(a)	MRDIURTB	483	890	3	0–999
Reasons for using diuretics in the last two weeks – Third reason	MRDIURTC	484	893	3	0,23,72
Reasons for using diuretics in the last two weeks – Fourth reason(a)	MRDIURTD	485	896	3	0,74
Reasons for using diuretics in the last two weeks – Fifth reason(a)	MRDIURTE	486	899	3	0,90
Whether had heart/bp medications in the two weeks prior to interview	ACOLHBPR	487	902	2	39,72
Number of medications taken for heart problems	ANUMHBPR	488	904	1	0–7
Reasons for using heart blood pressure medications in the last two weeks – First reason(a)	MRHERTA	489	905	3	0–999
Reasons for using heart blood pressure medications in the last two weeks – Second reason(a)	MRHERTB	490	908	3	0–999
Reasons for using heart blood pressure medications in the last two weeks – Third reason(a)	MRHERTC	491	911	3	0–999
Reasons for using heart blood pressure medications in the last two weeks – Fourth reason	MRHERTD	492	914	3	0–82
Reasons for using heart blood pressure medications in the last two weeks – Fifth reason(a)	MRHERTE	493	917	3	0,90
Whether had cholesterol medications in the two weeks prior to interview	ACOLCHOL	494	920	2	40,73
Number of cholesterol/triglycerides medications taken in the last two weeks	ANUMCHOL	495	922	1	0–7
Reasons for taking cholesterol /triglycerides in the last two weeks – First reason	MCHLESTA	496	923	3	0–182
Reasons for taking cholesterol /triglycerides in the last two weeks – Second reason	MCHLESTB	497	926	3	0–108
Reasons for taking cholesterol /triglycerides in the last two weeks – Third reason	MCHLESTC	498	929	3	0
Reasons for taking cholesterol /triglycerides in the last two weeks – Fourth reason(a)	MCHLESTD	499	932	3	0,74
Reasons for taking cholesterol /triglycerides in the last two weeks – Fifth reason(a)	MCHLESTE	500	935	3	0,90
Whether had pain relievers in the two weeks prior to interview	ACOLPARL	501	938	2	41,74
Number of pain relievers taken in the last two weeks	ANUMPARL	502	940	1	0–7
Reasons for taking pain relievers in the last two weeks – First reason(a)	MPAINRLA	503	941	3	0–999
Reasons for taking pain relievers in the last two weeks – Second reason(a)	MPAINRLB	504	944	3	0–999
Reasons for taking pain relievers in the last two weeks – Third reason(a)	MPAINRLC	505	947	3	0–999

(a) The detail for these items has been reduced to preserve the confidentiality of individuals and/or because the data at a more detailed level would be unreliable for most practical purposes

DATA ITEM GROUP / FIELD DESCRIPTION LABEL	FIELD NAME	FIELD NUMBER	START POSITION	LENGTH (BYTES)	RANGE OF CODES
USE OF MEDICINES <i>continued</i>					
Reasons for taking pain relievers in the last two weeks – Fourth reason	MPAINRLD	506	950	3	0–86
Reasons for taking pain relievers in the last two weeks – Fifth reason	MPAINRLE	507	953	3	0,69,90
Whether had sleeping medications in the two weeks prior to interview	ACOLSLPL	508	956	2	42,75
Number of sleeping medications taken in the last two weeks	ANUMSLPL	509	958	1	0–7
Reasons for taking sleeping medication in the last two weeks – First reason(a)	MSLEPPLA	510	959	3	000–999
Reasons for taking sleeping medication in the last two weeks – Second reason(a)	MSLEPPLB	511	962	3	0–112
Reasons for taking sleeping medication in the last two weeks – Third reason(a)	MSLEPPLC	512	965	3	0–61
Reasons for taking sleeping medication in the last two weeks – Fourth reason(a)	MSLEPPLD	513	968	3	0,74
Reasons for taking sleeping medication in the last two weeks – Fifth reason(a)	MSLEPPLE	514	971	3	0,90
Whether had anxiety medications in the two weeks prior to interview	ACOLNERV	515	974	2	43,76
Number of anxiety medications taken in the last two weeks	ANUMNERV	516	976	1	0–7
Reasons for using anxiety medications in the last two weeks – First reason(a)	MNRVOUSA	517	977	3	0–999
Reasons for using anxiety medications in the last two weeks – Second reason(a)	MNRVOUSB	518	980	3	0–999
Reasons for using anxiety medications in the last two weeks – Third reason(a)	MNRVOUSC	519	983	3	0,6,98,205
Reasons for using anxiety medications in the last two weeks – Fourth reason(a)	MNRVOUSD	520	986	3	0,74
Reasons for using anxiety medications in the last two weeks – Fifth reason(a)	MNRVOUSE	521	989	3	0,90
Whether had tranquillisers in the two weeks prior to interview	ACOLTRAN	522	992	2	44,77
Number of tranquillisers taken in the last two weeks	ANUMTRAN	523	994	1	0–7
Reasons for using tranquillisers in the last two weeks – First reason(a)	MTRNQLSA	524	995	3	000–999
Reasons for using tranquillisers in the last two weeks – Second reason(a)	MTRNQLSB	525	998	3	000–206
Reasons for using tranquillisers in the last two weeks – Third reason(a)	MTRNQLSC	526	1 001	3	000–999
Reasons for using tranquillisers in the last two weeks – Fourth reason(a)	MTRNQLSD	527	1 004	3	0,74
Reasons for using tranquillisers in the last two weeks – Fifth reason(a)	MTRNQLSE	528	1 007	3	0,90
Whether had any other medications in the two weeks prior to interview	ACOLNOAB	529	1 010	2	45,78
Number of other types of medications used in the last two weeks	ANUMNOAB	530	1 012	1	0–7
Reasons for using other types of medications in the last two weeks – First reason(a)	MNONABVA	531	1013	3	0–999
Reasons for using other types of medications in the last two weeks – Second reason(a)	MNONABVB	532	1016	3	0–999
Reasons for using other types of medications in the last two weeks – Third reason(a)	MNONABVC	533	1019	3	0–999
Reasons for using other types of medications in the last two weeks – Fourth reason	MNONABVD	534	1022	3	0–209,998
Reasons for using other types of medications in the last two weeks – Fifth reason	MNONABVE	535	1025	3	0–85,998

(a) The detail for these items has been reduced to preserve the confidentiality of individuals and/or because the data at a more detailed level would be unreliable for most practical purposes

DATA ITEM GROUP / FIELD DESCRIPTION LABEL	FIELD NAME	FIELD NUMBER	START POSITION	LENGTH (BYTES)	RANGE OF CODES
INCAPACITY (REDUCED ACTIVITY)					
Whether had any other illness/injury in the two weeks prior to interview	ACOL460T	536	1 028	2	46,80
Reasons for which no action taken – First(a)	ROTHR46A	537	1 030	3	0–999
Reasons for which no action taken – Second(a)	ROTHR46B	538	1 033	3	0–999
Reasons for which no action taken – Third(a)	ROTHR46C	539	1 036	3	0–128
Reasons for which no action taken – Fourth(a)	ROTHR46D	540	1 039	3	0,74
Reasons for which no action taken – Fifth(a)	ROTHR46E	541	1 042	3	0,90
OTHER HEALTH PROFESSIONALS					
Whether spoke to someone else about own health in two weeks prior to interview	ACOL47E1	542	1 045	2	47,85
Number of times consulted anyone else in last two weeks	ANUM47E1	543	1 047	2	0
Reasons for consulting anyone else in the last two weeks – First reason	RSNE471A	544	1 049	3	0
Reasons for consulting anyone else in the last two weeks – Second reason	RSNE471B	545	1 052	3	0
Reasons for consulting anyone else in the last two weeks – Third reason	RSNE471C	546	1 055	3	0
Reasons for consulting anyone else in the last two weeks – Fourth reason	RSNE471D	547	1 058	3	0
ACTION TAKEN					
Reported no actions or conditions(a)	NOACTILL	548	1 061	1	0–1
CONDITIONS					
Type of condition (both recent and/or long term) – First Condition(a)	CONDA	549	1 062	3	0–999
Whether reported condition was an illness – First Condition	CWHILLA	550	1 065	1	0–2
Whether each condition resulted in action – First Condition	CWHACA	551	1 066	1	0–2
Number of different actions taken for each condition – First Condition(a)	CDIFFA	552	1 067	2	0–07
Total number of actions taken for each condition – First Condition(a)	CTOTA	553	1 069	1	0–7
Whether condition reported recent or long-term – First Condition	CHRFLAGA	554	1 070	1	0–3
Whether hospitalised – First Condition	CHOSPA	555	1 071	1	0–2
Whether visited the casualty section or emergency ward – First Condition	CASUALA	556	1 072	1	0–2
Whether visited outpatients section of a hospital – First Condition	COUTPA	557	1 073	1	0–2
Whether visited the day clinic – First Condition	CDCLNKA	558	1 074	1	0–2
Whether doctor consulted – First Condition	CDOCA	559	1 075	1	0–2
Whether consulted any other health professionals – First Condition	COHPCA	560	1 076	1	0–2
Whether consulted the dentist – First Condition	CDENTA	561	1 077	1	0–2
Whether had days of reduced activity – First Condition	CDRAA	562	1 078	1	0–2
Whether had days off work – First Condition	WDOFWA	563	1 079	1	0–2
Whether had days off school – First Condition	WDOFSA	564	1 080	1	0–2
Whether taken any vitamins or minerals – First Condition	CVIMA	565	1 081	1	0–2

(a) The detail for these items has been reduced to preserve the confidentiality of individuals and/or because the data at a more detailed level would be unreliable for most practical purposes

DATA ITEM GROUP / FIELD DESCRIPTION LABEL	FIELD NAME	FIELD NUMBER	START POSITION	LENGTH (BYTES)	RANGE OF CODES
CONDITIONS <i>continued</i>					
Whether taken any natural or herbal medications – First Condition	CHRBA	566	1 082	1	0–2
Whether taken any medications other than vitamins or herbal – First Condition	CMEDA	567	1083	1	0–2
Whether any other action – First Condition(a)	COTHA	568	1 084	1	0–2
Whether anyone else consulted – First Condition	CELSCA	569	1 085	1	0
Type of condition (both recent and/or long term) – Second Condition(a)	CONDB	570	1 086	3	0–999
Whether reported condition was an illness – Second Condition	CWHILLB	571	1 089	1	0–2
Whether each condition resulted in action – Second Condition	CWHACB	572	1 090	1	0–2
Number of different actions taken for each condition – Second Condition(a)	CDIFFB	573	1 091	2	0–7
Total number of actions taken for each condition – Second Condition(a)	CTOTB	574	1 093	1	0–7
Whether condition reported recent or long-term – Second Condition	CHRFLAGB	575	1 094	1	0–3
Whether hospitalised – Second Condition	CHOSPB	576	1 095	1	0–2
Whether visited the casualty section or emergency ward – Second Condition	CASUALB	577	1096	1	0–2
Whether visited outpatients section of a hospital – Second Condition	COUTPB	578	1 097	1	0–2
Whether visited the day clinic – Second condition	CDCLNKB	579	1 098	1	0–2
Whether doctor consulted – Second Condition	CDOCB	580	1 099	1	0–2
Whether consulted any other health professionals – Second Condition	COHPCB	581	1 100	1	0–2
Whether consulted the dentist – Second Condition	CDENTB	582	1 101	1	0–2
Whether had days of reduced activity – Second Condition	CDRAB	583	1 102	1	0–2
Whether had days off work – Second Condition	WDOFWB	584	1 103	1	0–2
Whether had days off school – Second Condition	WDOFSB	585	1 104	1	0–2
Whether taken any vitamins or minerals – Second Condition	CVIMB	586	1 105	1	0–2
Whether taken any natural or herbal medications – Second Condition	CHRBB	587	1 106	1	0–2
Whether taken any medications other than vitamins or herbal – second condition	CMEDB	588	1107	1	0–2
Whether any other action – Second Condition(a)	COTHB	589	1 108	1	0–2
Whether anyone else consulted – Second Condition	CELSCB	590	1 109	1	0–2
Type of condition (both recent and/or long term) – Third Condition(a)	CONDC	591	1 110	3	0–999
Whether reported condition was an illness – Third Condition	CWHILLC	592	1 113	1	0–2
Whether each condition resulted in action – Third Condition	CWHACC	593	1 114	1	0–2
Number of different actions taken for each condition – Third Condition(a)	CDIFFC	594	1 115	2	00–07
Total number of actions taken for each condition – Third Condition(a)	CTOTC	595	1 117	1	0–7
Whether condition reported recent or long-term – Third Condition	CHRFLAGC	596	1 118	1	0–3
Whether hospitalised – Third Condition	CHOSPC	597	1 119	1	0–2
Whether visited the casualty section or emergency ward – Third Condition	CASUALC	598	1 120	1	0–2
Whether visited outpatients section of a hospital – Third Condition	COUTPC	599	1 121	1	0–2
Whether visited the day clinic – Third Condition	CDCLNKC	600	1 122	1	0–2
Whether doctor consulted – Third Condition	CDOCC	601	1 123	1	0–2
Whether consulted any other health professionals – Third Condition	COHPCC	602	1 124	1	0–2
Whether consulted the dentist – Third Condition	CDENTC	603	1 125	1	0–2
Whether had days of reduced activity – Third Condition	CDRAC	604	1 126	1	0–2

(a) The detail for these items has been reduced to preserve the confidentiality of individuals and/or because the data at a more detailed level would be unreliable for most practical purposes

DATA ITEM GROUP / FIELD DESCRIPTION LABEL	FIELD NAME	FIELD NUMBER	START POSITION	LENGTH (BYTES)	RANGE OF CODES
CONDITIONS <i>continued</i>					
Whether had days off work – Third Condition	WDOFWC	605	1 127	1	0-2
Whether had days off school – Third Condition	WDOFSC	606	1 128	1	0-2
Whether taken any vitamins or minerals – Third Condition	CVIMC	607	1 129	1	0-2
Whether taken any natural or herbal medications – Third Condition	CHRBC	608	1 130	1	0-2
Whether taken any medications other than vitamins or herbal – Third Condition	CMEDC	609	1131	1	0-2
Whether any other action – Third Condition(a)	COTHC	610	1 132	1	0-2
Whether anyone else consulted – Third Condition	CELSCC	611	1 133	1	0-2
Type of condition (both recent and/or long term) – Fourth Condition(a)	CONDD	612	1 134	3	0-999
Whether reported condition was an illness – Fourth Condition	CWHILLD	613	1 137	1	0-2
Whether each condition resulted in action – Fourth Condition	CWHACD	614	1 138	1	0-2
Number of different actions taken for each condition – Fourth Condition(a)	CDIFFD	615	1 139	2	0-7
Total number of actions taken for each condition – Fourth Condition(a)	CTOTD	616	1 141	1	0-7
Whether condition reported recent or long-term – Fourth Condition	CHRFLAGD	617	1 142	1	0-3
Whether hospitalised – Fourth Condition	CHOSPD	618	1 143	1	0-2
Whether visited the casualty section or emergency ward – Fourth Condition	CASUALD	619	1 144	1	0-2
Whether visited outpatients section of a hospital – Fourth Condition	COUTPD	620	1 145	1	0-2
Whether visited the day clinic – Fourth Condition	CDCLNKD	621	1 146	1	0-2
Whether doctor consulted – Fourth Condition	CDOCD	622	1 147	1	0-2
Whether consulted any other health professionals – Fourth Condition	COHPCD	623	1 148	1	0-2
Whether consulted the dentist – Fourth Condition	CDENTD	624	1 149	1	0-2
Whether had days of reduced activity – Fourth Condition	CDRAD	625	1 150	1	0-2
Whether had days off work – Fourth Condition	WDOFWD	626	1 151	1	0-2
Whether had days off school – Fourth Condition	WDOFSD	627	1 152	1	0-2
Whether taken any vitamins or minerals – Fourth Condition	CVIMD	628	1 153	1	0-2
Whether taken any natural or herbal medications – Fourth Condition	CHRBD	629	1 154	1	0-2
Whether taken any medications other than vitamins or herbal – Fourth Condition	CMEDD	630	1155	1	0-2
Whether any other action – Fourth Condition(a)	COTHD	631	1 156	1	0-2
Whether anyone else consulted – Fourth Condition	CELSCD	632	1 157	1	0-2
Type of condition (both recent and/or long term) – Fifth Condition(a)	CONDE	633	1 158	3	0-999
Whether reported condition was an illness – Fifth Condition	CWHILLE	634	1 161	1	0-2
Whether each condition resulted in action – Fifth Condition	CWHACE	635	1 162	1	0-2
Number of different actions taken for each condition – Fifth Condition(a)	CDIFFE	636	1 163	2	0-7
Total number of actions taken for each condition – Fifth Condition(a)	CTOTE	637	1 165	1	0-7
Whether condition reported recent or long-term – Fifth Condition	CHRFLAGE	638	1 166	1	0-3
Whether hospitalised – Fifth Condition	CHOSPE	639	1 167	1	0-2
Whether visited the casualty section or emergency ward – Fifth Condition	CASUALE	640	1 168	1	0-2
Whether visited outpatients section of a hospital – Fifth Condition	COUTPE	641	1 169	1	0-2
Whether visited the day clinic – Fifth Condition	CDCLNKE	642	1 170	1	0-2
Whether doctor consulted – Fifth Condition	CDOCE	643	1 171	1	0-2

(a) The detail for these items has been reduced to preserve the confidentiality of individuals and/or because the data at a more detailed level would be unreliable for most practical purposes

DATA ITEM GROUP / FIELD DESCRIPTION LABEL	FIELD NAME	FIELD NUMBER	START POSITION	LENGTH (BYTES)	RANGE OF CODES
CONDITIONS <i>continued</i>					
Whether consulted any other health professionals – Fifth Condition	COHPCE	644	1 172	1	0–2
Whether consulted the dentist – Fifth Condition	CDENTE	645	1 173	1	0–2
Whether had days of reduced activity – Fifth Condition	CDRAE	646	1 174	1	0–2
Whether had days off work – Fifth Condition	WDOFWE	647	1 175	1	0–2
Whether had days off school – Fifth Condition	WDOFSE	648	1 176	1	0–2
Whether taken any vitamins or minerals – Fifth Condition	CVIME	649	1 177	1	0–2
Whether taken any natural or herbal medications – Fifth Condition	CHRBE	650	1 178	1	0–2
Whether taken any medications other than vitamins or herbal – Fifth Condition	CMEDE	651	1179	1	0–2
Whether any other action – Fifth Condition(a)	COTHE	652	1 180	1	0–2
Whether anyone else consulted – Fifth Condition	CELSCE	653	1 181	1	0–2
Type of condition (both recent and/or long term) – Sixth Condition(a)	CONDF	654	1 182	3	0–999
Whether reported condition was an illness – Sixth Condition	CWHILLF	655	1 185	1	0–2
Whether each condition resulted in action – Sixth Condition	CWHACF	656	1 186	1	0–2
Number of different actions taken for each condition – Sixth Condition(a)	CDIFFF	657	1 187	2	0–7
Total number of actions taken for each condition – Sixth Condition(a)	CTOTF	658	1 189	1	0–7
Whether condition reported recent or long-term – Sixth Condition	CHRFLAGF	659	1 190	1	0–3
Whether hospitalised – Sixth Condition	CHOSPF	660	1 191	1	0–2
Whether visited the casualty section or emergency ward – Sixth Condition	CASUALF	661	1 192	1	0–2
Whether visited outpatients section of a hospital – Sixth Condition	COUTPF	662	1 193	1	0–2
Whether visited the day clinic – Sixth Condition	CDCLNKF	663	1 194	1	0–2
Whether doctor consulted – Sixth Condition	CDOCF	664	1 195	1	0–2
Whether consulted any other health professionals – Sixth Condition	COHPCF	665	1 196	1	0–2
Whether consulted the dentist – Sixth Condition	CDENTF	666	1 197	1	0–2
Whether had days of reduced activity – Sixth Condition	CDRAF	667	1 198	1	0–2
Whether had days off work – Sixth Condition	WDOFWF	668	1 199	1	0–2
Whether had days off school – Sixth Condition	WDOFSF	669	1 200	1	0–2
Whether taken any vitamins or minerals – Sixth Condition	CVIMF	670	1 201	1	0–2
Whether taken any natural or herbal medications – Sixth Condition	CHRBFB	671	1 202	1	0–2
Whether taken any medications other than vitamins or herbal – Sixth Condition	CMEDF	672	1203	1	0–2
Whether any other action – Sixth Condition(a)	COTHF	673	1 204	1	0–2
Whether anyone else consulted – Sixth Condition	CELSCF	674	1 205	1	0–2
Type of condition (both recent and/or long term) – Seventh Condition(a)	CONDG	675	1 206	3	0–999
Whether reported condition was an illness – Seventh Condition	CWHILLG	676	1 209	1	0–2
Whether each condition resulted in action – Seventh Condition	CWHACG	677	1 210	1	0–2
Number of different actions taken for each condition – Seventh Condition(a)	CDIFFG	678	1211	2	0–7
Total number of actions taken for each condition – Seventh Condition(a)	CTOTG	679	1 213	1	0–7
Whether condition reported recent or long-term – Seventh Condition	CHRFLAGG	680	1 214	1	0–3
Whether hospitalised – Seventh Condition	CHOSPG	681	1 215	1	0–2

(a) The detail for these items has been reduced to preserve the confidentiality of individuals and/or because the data at a more detailed level would be unreliable for most practical purposes

DATA ITEM GROUP / FIELD DESCRIPTION LABEL	FIELD NAME	FIELD NUMBER	START POSITION	LENGTH (BYTES)	RANGE OF CODES
CONDITIONS <i>continued</i>					
Whether visited the casualty section or emergency ward – Seventh Condition	CASUALG	682	1216	1	0-2
Whether visited outpatients section of a hospital – Seventh Condition	COUTPG	683	1 217	1	0-2
Whether visited the day clinic – Seventh Condition	CDCLNKG	684	1 218	1	0-2
Whether doctor consulted – Seventh Condition	CDOCG	685	1 219	1	0-2
Whether consulted any other health professionals – Seventh Condition	COHPCG	686	1 220	1	0-2
Whether consulted the dentist – Seventh Condition	CDENTG	687	1 221	1	0-2
Whether had days of reduced activity – Seventh Condition	CDRAG	688	1 222	1	0-2
Whether had days off work – Seventh Condition	WDOFWG	689	1 223	1	0-2
Whether had days off school – Seventh Condition	WDOFSG	690	1 224	1	0-2
Whether taken any vitamins or minerals – Seventh Condition	CVIMG	691	1 225	1	0-2
Whether taken any natural or herbal medications – Seventh Condition	CHRBG	692	1 226	1	0-2
Whether taken any medications other than vitamins or herbal – Seventh Condition	CMEDG	693	1227	1	0-2
Whether any other action – Seventh Condition(a)	COTHG	694	1 228	1	0-2
Whether anyone else consulted – Seventh Condition	CELSCG	695	1 229	1	0-2
Type of condition (both recent and/or long term) – Eighth Condition(a)	CONDH	696	1 230	3	0-999
Whether reported condition was an illness – Eighth Condition	CWHILLH	697	1 233	1	0-2
Whether each condition resulted in action – Eighth Condition	CWHACH	698	1 234	1	0-2
Number of different actions taken for each condition – Eighth Condition(a)	CDIFFH	699	1 235	2	0-7
Total number of actions taken for each condition – Eighth Condition(a)	CTOTH	700	1 237	1	0-7
Whether condition reported recent or long-term – Eighth Condition	CHRFLAGH	701	1 238	1	0-3
Whether hospitalised – Eighth Condition	CHOSPH	702	1 239	1	0-2
Whether visited the casualty section or emergency ward – Eighth Condition	CASUALH	703	1 240	1	0-2
Whether visited outpatients section of a hospital – Eighth Condition	COUTPH	704	1 241	1	0-2
Whether visited the day clinic – Eighth Condition	CDCLNKH	705	1 242	1	0-2
Whether doctor consulted – Eighth Condition	CDOCH	706	1 243	1	0-2
Whether consulted any other health professionals – Eighth Condition	COHPCH	707	1 244	1	0-2
Whether consulted the dentist – Eighth Condition	CDENTH	708	1 245	1	0-2
Whether had days of reduced activity – Eighth Condition	CDRAH	709	1 246	1	0-2
Whether had days off work – Eighth Condition	WDOFWH	710	1 247	1	0-2
Whether had days off school – Eighth Condition	WDOFSH	711	1 248	1	0-2
Whether taken any vitamins or minerals – Eighth Condition	CVIMH	712	1 249	1	0-2
Whether taken any natural or herbal medications – Eighth Condition	CHRBH	713	1 250	1	0-2
Whether taken any medications other than vitamins or herbal – Eighth Condition	CMEDH	714	1251	1	0-2
Whether any other action – Eighth Condition(a)	COTHH	715	1 252	1	0-2
Whether anyone else consulted – Eighth Condition	CELSCH	716	1 253	1	0-2
Type of condition (both recent and/or long term) – Ninth Condition(a)	CONDI	717	1 254	3	0-999
Whether reported condition was an illness – Ninth Condition	CWHILLI	718	1 257	1	0-2
Whether each condition resulted in action – Ninth Condition	CWHACI	719	1 258	1	0-2
Number of different actions taken for each condition – Ninth Condition(a)	CDIFFI	720	1 259	2	0-7

(a) The detail for these items has been reduced to preserve the confidentiality of individuals and/or because the data at a more detailed level would be unreliable for most practical purposes

DATA ITEM GROUP / FIELD DESCRIPTION LABEL	FIELD NAME	FIELD NUMBER	START POSITION	LENGTH (BYTES)	RANGE OF CODES
CONDITIONS <i>continued</i>					
Total number of actions taken for each condition – Ninth Condition(a)	CTOTI	721	1 261	1	0–7
Whether condition reported recent or long-term – Ninth Condition	CHRFLAGI	722	1 262	1	0–3
Whether hospitalised – Ninth Condition	CHOSPI	723	1 263	1	0–2
Whether visited the casualty section or emergency ward – Ninth Condition	CASUALI	724	1 264	1	0–2
Whether visited outpatients section of a hospital – Ninth Condition	COUTPI	725	1 265	1	0–2
Whether visited the day clinic – Ninth Condition	CDCLNKI	726	1 266	1	0–2
Whether doctor consulted – Ninth Condition	CDOCI	727	1 267	1	0–2
Whether consulted any other health professionals – Ninth Condition	COHPCI	728	1 268	1	0–2
Whether consulted the dentist – Ninth Condition	CDENTI	729	1 269	1	0–2
Whether had days of reduced activity – Ninth Condition	CDRAI	730	1 270	1	0–2
Whether had days off work – Ninth Condition	WDOFWI	731	1 271	1	0–2
Whether had days off school – Ninth Condition	WDOFSI	732	1 272	1	0–2
Whether taken any vitamins or minerals – Ninth Condition	CVIMI	733	1 273	1	0–2
Whether taken any natural or herbal medications – Ninth Condition	CHRBI	734	1 274	1	0–2
Whether taken any medications other than vitamins or herbal – Ninth Condition	CMEDI	735	1 275	1	0–2
Whether any other action – Ninth Condition(a)	COTHI	736	1 276	1	0–2
Whether anyone else consulted – Ninth Condition	CELSCI	737	1 277	1	0–2
Type of condition (both recent and/or long term) – Tenth Condition(a)	CONDJ	738	1 278	3	0–999
Whether reported condition was an illness – Tenth Condition	CWHILLJ	739	1 281	1	0–2
Whether each condition resulted in action – Tenth Condition	CWHACJ	740	1 282	1	0–2
Number of different actions taken for each condition – Tenth Condition(a)	CDIFFJ	741	1 283	2	0–7
Total number of actions taken for each condition – Tenth Condition(a)	CTOTJ	742	1 285	1	0–7
Whether condition reported recent or long-term – Tenth Condition	CHRFLAGJ	743	1 286	1	0–3
Whether hospitalised – Tenth Condition	CHOSPJ	744	1 287	1	0–2
Whether visited the casualty section or emergency ward – Tenth Condition	CASUALJ	745	1 288	1	0–2
Whether visited outpatients section of a hospital – Tenth Condition	COUTPJ	746	1 289	1	0–2
Whether visited the day clinic – Tenth Condition	CDCLNKJ	747	1 290	1	0–2
Whether doctor consulted – Tenth condition	CDOCJ	748	1 291	1	0–2
Whether consulted any other health professionals – Tenth Condition	COHPCJ	749	1 292	1	0–2
Whether consulted the dentist – Tenth Condition	CDENTJ	750	1 293	1	0–2
Whether had days of reduced activity – Tenth Condition	CDRAJ	751	1 294	1	0–2
Whether had days off work – Tenth Condition	WDOFWJ	752	1 295	1	0–2
Whether had days off school – Tenth Condition	WDOFSJ	753	1 296	1	0–2
Whether taken any vitamins or minerals – Tenth Condition	CVIMJ	754	1 297	1	0–2
Whether taken any natural or herbal medications – Tenth Condition	CHRBJ	755	1 298	1	0–2
Whether taken any medications other than vitamins or herbal – Tenth Condition	CMEDJ	756	1 299	1	0–2
Whether any other action – Tenth Condition(a)	COTHJ	757	1 300	1	0–2
Whether anyone else consulted – Tenth Condition	CELSCJ	758	1 301	1	0–2
Type of condition (both recent and/or long term) – Eleventh Condition(a)	CONDK	759	1 302	3	0–999
Whether reported condition was an illness – Eleventh Condition	CWHILLK	760	1 305	1	0–2

(a) The detail for these items has been reduced to preserve the confidentiality of individuals and/or because the data at a more detailed level would be unreliable for most practical purposes

DATA ITEM GROUP / FIELD DESCRIPTION LABEL	FIELD NAME	FIELD NUMBER	START POSITION	LENGTH (BYTES)	RANGE OF CODES
CONDITIONS <i>continued</i>					
Whether each condition resulted in action – Eleventh Condition	CWHACK	761	1 306	1	0-2
Number of different actions taken for each condition – Eleventh Condition(a)	CDIFFK	762	1 307	2	0-7
Total number of actions taken for each condition – Eleventh Condition(a)	CTOTK	763	1 309	1	0-7
Whether condition reported recent or long-term – Eleventh Condition	CHRFLAGK	764	1 310	1	0-3
Whether hospitalised – Eleventh Condition	CHOSPK	765	1 311	1	0-2
Whether visited the casualty section or emergency ward – Eleventh Condition	CASUALK	766	1 312	1	0-2
Whether visited outpatients section of a hospital – Eleventh Condition	COUTPK	767	1 313	1	0-2
Whether visited the day clinic – Eleventh Condition	CDCLNKK	768	1 314	1	0-2
Whether doctor consulted – Eleventh Condition	CDOCK	769	1 315	1	0-2
Whether consulted any other health professionals – Eleventh Condition	COHPCK	770	1 316	1	0-2
Whether consulted the dentist – Eleventh Condition	CDENTK	771	1 317	1	0-2
Whether had days of reduced activity – Eleventh Condition	CDRAK	772	1 318	1	0-2
Whether had days off work – Eleventh Condition	WDOFWK	773	1 319	1	0-2
Whether had days off school – Eleventh Condition	WDOFSK	774	1 320	1	0-2
Whether taken any vitamins or minerals – Eleventh Condition	CVIMK	775	1 321	1	0-2
Whether taken any natural or herbal medications – Eleventh Condition	CHRBK	776	1 322	1	0-2
Whether taken any medications other than vitamins or herbal – Eleventh Condition	CMEDK	777	1 323	1	0-2
Whether any other action – Eleventh Condition(a)	COTHK	778	1 324	1	0-2
Whether anyone else consulted – Eleventh Condition	CELSCK	779	1 325	1	0-2
Type of condition (both recent and/or long term) – Twelfth Condition(a)	CONDL	780	1 326	3	0-999
Whether reported condition was an illness – Twelfth Condition	CWHILL	781	1 329	1	0-2
Whether each condition resulted in action – Twelfth Condition	CWHACL	782	1 330	1	0-2
Number of different actions taken for each condition – Twelfth Condition(a)	CDIFFL	783	1 331	2	0-7
Total number of actions taken for each condition – Twelfth Condition(a)	CTOTL	784	1 333	1	0-7
Whether condition reported recent or long-term – Twelfth Condition	CHRFLAGL	785	1 334	1	0-3
Whether hospitalised – Twelfth Condition	CHOSPL	786	1 335	1	0-2
Whether visited the casualty section or emergency ward – Twelfth Condition	CASUALL	787	1 336	1	0-2
Whether visited outpatients section of a hospital – Twelfth Condition	COUTPL	788	1 337	1	0-2
Whether visited the day clinic – Twelfth Condition	CDCLNKL	789	1 338	1	0-2
Whether doctor consulted – Twelfth Condition	CDOCL	790	1 339	1	0-2
Whether consulted any other health professionals – Twelfth Condition	COHPCL	791	1 340	1	0-2
Whether consulted the dentist – Twelfth Condition	CDENTL	792	1 341	1	0-2
Whether had days of reduced activity – Twelfth Condition	CDRAL	793	1 342	1	0-2
Whether had days off work – Twelfth Condition	WDOFWL	794	1 343	1	0-2
Whether had days off school – Twelfth Condition	WDOFSL	795	1 344	1	0-2
Whether taken any vitamins or minerals – Twelfth Condition	CVIML	796	1 345	1	0-2
Whether taken any natural or herbal medications – Twelfth Condition	CHRBL	797	1 346	1	0-2
Whether taken any medications other than vitamins or herbal – Twelfth Condition	CMEDL	798	1 347	1	0-2

(a) The detail for these items has been reduced to preserve the confidentiality of individuals and/or because the data at a more detailed level would be unreliable for most practical purposes

DATA ITEM GROUP / FIELD DESCRIPTION LABEL	FIELD NAME	FIELD NUMBER	START POSITION	LENGTH (BYTES)	RANGE OF CODES
CONDITIONS <i>continued</i>					
Whether any other action – Twelfth Condition(a)	COTHL	799	1 348	1	0–2
Whether anyone else consulted – Twelfth Condition	CELSCL	800	1 349	1	0–2
Type of condition (both recent and/or long term) – Thirteenth Condition(a)	CONDM	801	1 350	3	0–999
Whether reported condition was an illness – Thirteenth Condition	CWHILLM	802	1 353	1	0–2
Whether each condition resulted in action – Thirteenth Condition	CWHACM	803	1 354	1	0–2
Number of different actions taken for each condition – Thirteenth Condition(a)	CDIFFM	804	1 355	2	0–7
Total number of actions taken for each condition – Thirteenth Condition(a)	CTOTM	805	1 357	1	0–7
Whether condition reported recent or long-term – Thirteenth Condition	CHRFLAGM	806	1 358	1	0–3
Whether hospitalised – Thirteenth Condition	CHOSPM	807	1 359	1	0–2
Whether visited the casualty section or emergency ward – Thirteenth Condition	CASUALM	808	1 360	1	0–2
Whether visited outpatients section of a hospital – Thirteenth Condition	COUTPM	809	1 361	1	0–2
Whether visited the day clinic – Thirteenth Condition	CDCLNKM	810	1 362	1	0–2
Whether doctor consulted – Thirteenth Condition	CDOCM	811	1 363	1	0–2
Whether consulted any other health professionals – Thirteenth Condition	COHPCM	812	1 364	1	0–2
Whether consulted the dentist – Thirteenth Condition	CDENTM	813	1 365	1	0–2
Whether had days of reduced activity – Thirteenth Condition	CDRAM	814	1 366	1	0–2
Whether had days off work – Thirteenth Condition	WDOFWM	815	1 367	1	0–2
Whether had days off school – Thirteenth Condition	WDOFSM	816	1 368	1	0–2
Whether taken any vitamins or minerals – Thirteenth Condition	CVIMM	817	1 369	1	0–2
Whether taken any natural or herbal medications – Thirteenth Condition	CHRBM	818	1 370	1	0–2
Whether taken any medications other than vitamins or herbal – Thirteenth Condition	CMEDM	819	1 371	1	0–2
Whether any other action – Thirteenth Condition(a)	COTHM	820	1 372	1	0–2
Whether anyone else consulted – Thirteenth Condition	CELSCM	821	1 373	1	0–2
Type of condition (both recent and/or long term) – Fourteenth Condition(a)	CONDN	822	1 374	3	0–999
Whether reported condition was an illness – Fourteenth Condition	CWHILLN	823	1 377	1	0–2
Whether each condition resulted in action – Fourteenth Condition	CWHACN	824	1 378	1	0–2
Number of different actions taken for each condition – Fourteenth Condition(a)	CDIFFN	825	1 379	2	0–7
Total number of actions taken for each condition – Fourteenth Condition(a)	CTOTN	826	1 381	1	0–7
Whether condition reported recent or long-term – Fourteenth Condition	CHRFLAGN	827	1 382	1	0–3
Whether hospitalised – Fourteenth Condition	CHOSPN	828	1 383	1	0–2
Whether visited the casualty section or emergency ward – Fourteenth Condition	CASUALN	829	1384	1	0–2
Whether visited outpatients section of a hospital – Fourteenth Condition	COUTPN	830	1 385	1	0–2
Whether visited the day clinic – Fourteenth Condition	CDCLNKN	831	1 386	1	0–2
Whether doctor consulted – Fourteenth Condition	CDOCN	832	1 387	1	0–2
Whether consulted any other health professionals – Fourteenth Condition	COHPCN	833	1 388	1	0–2
Whether consulted the dentist – Fourteenth Condition	CDENTN	834	1 389	1	0–2
Whether had days of reduced activity – Fourteenth Condition	CDRAN	835	1 390	1	0–2
Whether had days off work – Fourteenth Condition	WDOFWN	836	1 391	1	0–2

(a) The detail for these items has been reduced to preserve the confidentiality of individuals and/or because the data at a more detailed level would be unreliable for most practical purposes

DATA ITEM GROUP / FIELD DESCRIPTION LABEL	FIELD NAME	FIELD NUMBER	START POSITION	LENGTH (BYTES)	RANGE OF CODES
CONDITIONS <i>continued</i>					
Whether had days off school – Fourteenth Condition	WDOFSN	837	1 392	1	0–2
Whether taken any vitamins or minerals – Fourteenth Condition	CVIMN	838	1 393	1	0–2
Whether taken any natural or herbal medications – Fourteenth Condition	CHRBN	839	1 394	1	0–2
Whether taken any medications other than vitamins or herbal – Fourteenth Condition	CMEDN	840	1395	1	0–2
Whether any other action – Fourteenth Condition(a)	COTHN	841	1 396	1	0–2
Whether anyone else consulted – Fourteenth Condition	CELSCN	842	1 397	1	0–2
Number recent illness conditions(a)	RINUM	843	1 398	2	0–10
Number of long term conditions(a)	CHNUM	844	1 400	2	0–10
Whether need help or supervision because of current or longterm condition	WCNHESUP	845	1 402	1	0–2
Whether person reported recent or long term conditions	RICHTOT	846	1 403	1	0–3
HOSPITAL EPISODES					
Whether spent at least one night in hospital in last two weeks	WSPLNHOS	847	1 404	1	0–2
Whether had a day only episode in hospital in last two weeks	WDSPHOS	848	1 405	1	1–2
Outpatient visit related to previous hospital admission	OPVPADDA	849	1 406	1	0,1
Outpatient visit related to expected admission to hospital	OPVPADDB	850	1 407	1	0,2
Outpatient visit not related to either previous or expected hospital admission	OPVPADDC	851	1408	1	0,3
Not known if outpatient visit related to either previous or expected hospital admission	OPVPADDD	852	1409	1	0,4
GENERAL HEALTH AND WELL-BEING					
Physical functioning score–derived (to be divided by 100)	PHYFUNR	853	1 410	5	0–99999
Role physical score–derived (to be divided by 100)	RPHYFUNR	854	1 415	5	0–99999
Bodily pain score–derived (to be divided by 100)	BODPAINR	855	1 420	5	0–99999
General health score–derived (to be divided by 100)	GHEALTHR	856	1 425	5	0–99999
Vitality score–derived (to be divided by 100)	VITLYR	857	1 430	5	0–99999
Social functioning score–derived (to be divided by 100)	SOCFUNR	858	1 435	5	0–99999
Role emotional score–derived (to be divided by 100)	ROLEMOR	859	1 440	5	0–99999
Mental health score–derived (to be divided by 100)	MENHLTR	860	1 445	5	0–99999
Health transition score–derived (to be divided by 100)	HLTTNSR	861	1 450	5	0–99999
Physical health component summary (to be divided by 100). Leading sign	PHLTSCR	862	1 455	6	0–999999
Mental health component summary (to be divided by 100). Leading sign	MHLTSCR	863	1 461	6	0–999999
SF36 Questionnaire	SAMPLTYP	864	1 467	1	1–7
DOCTOR CONSULTATION					
Period since last doctor consultation	PERDOCC	865	1 468	1	0–5
Whether consulted a gp in last two weeks	DOCTYPEA	866	1 469	1	0,1
Whether consulted a specialist in last two weeks	DOCTYPEB	867	1 470	1	0,2
Whether consulted a gp or specialist in last two weeks	DOCTYPEC	868	1 471	1	0,3

(a) The detail for these items has been reduced to preserve the confidentiality of individuals and/or because the data at a more detailed level would be unreliable for most practical purposes

DATA ITEM GROUP / FIELD DESCRIPTION LABEL	FIELD NAME	FIELD NUMBER	START POSITION	LENGTH (BYTES)	RANGE OF CODES
OTHER HEALTH PROFESSIONALS					
Type of ohp consulted in last two weeks prior to interview – Accupuncturist	TYOHP2WA	869	1 472	2	0,1
Type of ohp consulted in last two weeks prior to interview – Audiologist/Audiometrist	TYOHP2WB	870	1474	2	0,2
Type of ohp consulted in last two weeks prior to interview – Chiropractor	TYOHP2WC	871	1 476	2	0,3
Type of ohp consulted in last two weeks prior to interview – Chemist	TYOHP2WD	872	1 478	2	0,4
Type of ohp consulted in last two weeks prior to interview – chiropodist/Podiatrist	TYOHP2WE	873	1480	2	0,5
Type of ohp consulted in last two weeks prior to interview – Dietician/Nutritionist	TYOHP2WF	874	1482	2	0,6
Type of ohp consulted in last two weeks prior to interview – Herbalist	TYOHP2WG	875	1 484	2	0,7
Type of ohp consulted in last two weeks prior to interview – Hypnotherapist	TYOHP2WH	876	1 486	2	0,8
Type of ohp consulted in last two weeks prior to interview – Naturopath	TYOHP2WI	877	1 488	2	0,9
Type of ohp consulted in last two weeks prior to interview – Nurse	TYOHP2WJ	878	1 490	2	0,10
Type of ohp consulted in last two weeks prior to interview – Optician/Optomestrist	TYOHP2WK	879	1492	2	0,11
Type of ohp consulted in last two weeks prior to interview – Osteopath	TYOHP2WL	880	1 494	2	0,12
Type of ohp consulted in last two weeks prior to interview – Occupational therapist	TYOHP2WM	881	1496	2	0,13
Type of ohp consulted in last two weeks prior to interview – Physiotherapist/Hydrotherapist	TYOHP2WN	882	1498	2	0,14
Type of ohp consulted in last two weeks prior to interview – Psychologist	TYOHP2WO	883	1 500	2	0,15
Type of ohp consulted in last two weeks prior to interview – Social worker/Welfare officer	TYOHP2WP	884	1502	2	0,16
Type of ohp consulted in last two weeks prior to interview – Speech therapist/Pathologist	TYOHP2WQ	885	1504	2	0,17
Type of ohp consulted in last two weeks prior to interview – Not known	TYOHP2WR	886	1 506	2	0,18
Type of ohp consulted in the most recent visit – First	TYOHP2V	887	1 508	2	0–18
Type of ohp consulted in the most recent visit – Second	TYOHP2V	888	1 510	2	0–18
Type of other person consulted for information, advice or treatment in last two weeks – First type(a)	WCORTLKA	889	1512	2	0,21–34
Type of other person consulted for information, advice or treatment in last two weeks – Second type	WCORTLKB	890	1514	2	0,21–34
Type of other person consulted for information, advice or treatment in last two weeks – Third type	WCORTLKC	891	1516	2	0,21–34
DENTAL					
Period since last dental consultation	DENSINCE	892	1 518	1	0–7
Type of dental treatment received at last consultation – Extraction	DENTYPEA	893	1 519	2	0,1
Type of dental treatment received at last consultation – X-Ray	DENTYPEB	894	1 521	2	0,2
Type of dental treatment received at last consultation – Cleaned/Polished	DENTYPEC	895	1 523	2	0,3
Type of dental treatment received at last consultation – Fluoride treatment	DENTYPED	896	1 525	2	0,4
Type of dental treatment received at last consultation – Filling	DENTYPEE	897	1 527	2	0,5
Type of dental treatment received at last consultation – Denture fitting	DENTYPEF	898	1 529	2	0,6
Type of dental treatment received at last consultation – Denture repair	DENTYPEG	899	1 531	2	0,7

(a) The detail for these items has been reduced to preserve the confidentiality of individuals and/or because the data at a more detailed level would be unreliable for most practical purposes

DATA ITEM GROUP / FIELD DESCRIPTION LABEL	FIELD NAME	FIELD NUMBER	START POSITION	LENGTH (BYTES)	RANGE OF CODES
DENTAL <i>continued</i>					
Type of dental treatment received at last consultation – Braces fitted	DENTYPEH	900	1 533	2	0,8
Type of dental treatment received at last consultation – Check up	DENTYPEI	901	1 535	2	0,9
Type of dental treatment received at last consultation – Other dental treatment	DENTYPEJ	902	1 537	2	0,10
Type of dental treatment received at last consultation – No treatment	DENTYPEK	903	1 539	2	0,11
USE OF MEDICINES					
Whether used any medications in the last two weeks prior to interview	WUSEMED	904	1 541	1	1–2
Generic type of medication used – First type(a)	TMEDUSEA	905	1 542	4	0–9999
Generic type of medication used – Second type(a)	TMEDUSEB	906	1 546	4	0–9999
Generic type of medication used – Third type(a)	TMEDUSEC	907	1 550	4	0–9999
Generic type of medication used – Fourth type(a)	TMEDUSED	908	1 554	4	0–9999
Generic type of medication used – Fifth type(a)	TMEDUSEE	909	1 558	4	0–9999
Generic type of medication used – Sixth type(a)	TMEDUSEF	910	1 562	4	0–9999
Generic type of medication used – Seventh type(a)	TMEDUSEG	911	1 566	4	0–9999
Generic type of medication used – Eighth type(a)	TMEDUSEH	912	1 570	4	0–9999
Generic type of medication used – Ninth type(a)	TMEDUSEI	913	1 574	4	0–9999
Generic type of medication used – Tenth type(a)	TMEDUSEJ	914	1 578	4	0–9999
Generic type of medication used – Eleventh type(a)	TMEDUSEK	915	1 582	4	0–9999
Generic type of medication used – Twelfth type(a)	TMEDUSEL	916	1 586	4	0–9999
Total number of medications used in the two weeks prior to interview(a)	TNUMMEDU	917	1 590	2	0–10
Whether has taken any measures to protect self from sun in last month	WUSSUNP	918	1 592	1	1–3
Type of sun protection measures used – Sunscreen	TYSUNPA	919	1 593	1	0,1
Type of sun protection measures used – Umbrella	TYSUNPB	920	1 594	1	0,2
Type of sun protection measures used – Hat	TYSUNPC	921	1 595	1	0,3
Type of sun protection measures used – Clothing	TYSUNPD	922	1 596	1	0,4
Type of sun protection measures used – Sunglasses	TYSUNPE	923	1 597	1	0,5
Type of sun protection measures used – Avoided sun	TYSUNPF	924	1 598	1	0,6
Type of sun protection measures used – Other	TYSUNPG	925	1 599	1	0,7
How often sun protection measures deliberately used	USSUNP	926	1 600	1	1–6
Whether skin is checked regularly by self or doctor	REGCSKN	927	1 601	1	1,2
Type of medication – First type(a)	Q610	928	1 602	2	0–16
Whether medication taken on advice of health professional – First	Q612	929	1 604	1	0–2
Type of health professional advising use of medication – First	Q613	930	1 605	1	0–4
Whether prescription needed to obtain medication – First	Q614	931	1 606	1	0–4
Duration of use of medication taken regularly – First	Q616	932	1 607	1	0–5
Whether medication taken regularly – First	Q615	933	1 608	1	0–2
Duration of use medication – First	Q617	934	1 609	1	0–4
Whether reported asthma medication used for prevention, relief or both – First	Q619	935	1 610	1	0–3
Reasons for using medication – A1(a)	Q611A	936	1 611	3	0–999
Reasons for using medication – A2(a)	Q611B	937	1 614	3	0–999

(a) The detail for these items has been reduced to preserve the confidentiality of individuals and/or because the data at a more detailed level would be unreliable for most practical purposes

DATA ITEM GROUP / FIELD DESCRIPTION LABEL	FIELD NAME	FIELD NUMBER	START POSITION	LENGTH (BYTES)	RANGE OF CODES
USE OF MEDICINES <i>continued</i>					
Reasons for using medication – A3(a)	Q611C	938	1 617	3	0-999
Type of medication – Second type(a)	Q621	939	1 620	2	0-16
Whether medication taken on advice of health professional – Second	Q623	940	1 622	1	0-2
Type of health professional advising use of medication – Second	Q624	941	1 623	1	0-4
Whether prescription needed to obtain medication – second	Q625	942	1 624	1	0-4
Duration of use of medication taken regularly – Second	Q627	943	1 625	1	0-5
Whether medication taken regularly – Second	Q626	944	1 626	1	0-2
Duration of use medication – Second	Q628	945	1 627	1	0-4
Whether reported asthma medication used for prevention, relief or both – Second	Q630	946	1 628	1	0-3
Reasons for using medication – B1(a)	Q622A	947	1 629	3	0-999
Reasons for using medication – B2(a)	Q622B	948	1 632	3	0-999
Reasons for using medication – B3(a)	Q622C	949	1 635	3	0-999
Type of medication – Third type(a)	Q632	950	1 638	2	0-16
Whether medication taken on advice of health professional – Third	Q634	951	1 640	1	0-2
Type of health professional advising use of medication – Third	Q635	952	1 641	1	0-4
Whether prescription needed to obtain medication – Third	Q636	953	1 642	1	0-4
Duration of use of medication taken regularly – Third	Q638	954	1 643	1	0-5
Whether medication taken regularly – Third	Q637	955	1 644	1	0-2
Duration of use medication – Third	Q639	956	1 645	1	0-4
Whether reported asthma medication used for prevention, relief or both – Third	Q641	957	1 646	1	0-3
Reasons for using medication – C1(a)	Q633A	958	1 647	3	0-999
Reasons for using medication – C2(a)	Q633B	959	1 650	3	0-999
Reasons for using medication – C3(a)	Q633C	960	1 653	3	0-999
Type of medication – Fourth type(a)	Q643	961	1 656	2	0-16
Whether medication taken on advice of health professional – Fourth	Q645	962	1 658	1	0-2
Type of health professional advising use of medication – Fourth	Q646	963	1 659	1	0-4
Whether prescription needed to obtain medication – Fourth	Q647	964	1 660	1	0-4
Duration of use of medication taken regularly – Fourth	Q649	965	1 661	1	0-5
Whether medication taken regularly – Fourth	Q648	966	1 662	1	0-2
Duration of use medication – Fourth	Q650	967	1 663	1	0-4
Whether reported asthma medication used for prevention, relief or both – Fourth	Q652	968	1 664	1	0-3
Reasons for using medication – D1(a)	Q644A	969	1 665	3	0-999
Reasons for using medication – D2(a)	Q644B	970	1 668	3	0-999
Reasons for using medication – D3(a)	Q644C	971	1 671	3	0-72
Type of medication – Fifth type(a)	Q654	972	1 674	2	0-16
Whether medication taken on advice of health professional – Fifth	Q656	973	1 676	1	0-2
Type of health professional advising use of medication – Fifth	Q657	974	1 677	1	0-4
Whether prescription needed to obtain medication – Fifth	Q658	975	1 678	1	0-4

(a) The detail for these items has been reduced to preserve the confidentiality of individuals and/or because the data at a more detailed level would be unreliable for most practical purposes

DATA ITEM GROUP / FIELD DESCRIPTION LABEL	FIELD NAME	FIELD NUMBER	START POSITION	LENGTH (BYTES)	RANGE OF CODES
USE OF MEDICINES <i>continued</i>					
Duration of use of medication taken regularly – Fifth	Q660	976	1 679	1	0–5
Whether medication taken regularly – Fifth	Q659	977	1 680	1	0–2
Duration of use medication – Fifth	Q661	978	1 681	1	0–4
Whether reported asthma medication used for prevention, relief or both – Fifth	Q663	979	1682	1	0–3
Reasons for using medication – E1(a)	Q655A	980	1 683	3	0–999
Reasons for using medication – E2(a)	Q655B	981	1 686	3	0–999
Reasons for using medication – E3(a)	Q655C	982	1 689	3	0–112
Type of medication – Sixth type(a)	Q665	983	1 692	2	0–16
Whether medication taken on advice of health professional – Sixth	Q667	984	1 694	1	0–2
Type of health professional advising use of medication – Sixth	Q668	985	1 695	1	0–4
Whether prescription needed to obtain medication – Sixth	Q669	986	1 696	1	0–4
Duration of use of medication taken regularly – Sixth	Q670	987	1 697	1	0–5
Whether medication taken regularly – Sixth	Q671	988	1 698	1	0–2
Duration of use medication – Sixth	Q672	989	1 699	1	0–4
Whether reported asthma medication used for prevention, relief or both – Sixth	Q674	990	1700	1	0–3
Reasons for using medication – F1(a)	Q666A	991	1 701	3	0–999
Reasons for using medication – F2(a)	Q666B	992	1 704	3	0–999
Reasons for using medication – F3(a)	Q666C	993	1 707	3	0,61,68
Type of medication – Seventh type(a)	Q676	994	1 710	2	0–16
Whether medication taken on advice of health professional – Seventh	Q678	995	1 712	1	0–2
Type of health professional advising use of medication – Seventh	Q679	996	1 713	1	0–4
Whether prescription needed to obtain medication – Seventh	Q680	997	1 714	1	0–4
Duration of use of medication taken regularly – Seventh	Q681	998	1 715	1	0–5
Whether medication taken regularly – Seventh	Q682	999	1 716	1	0–2
Duration of use medication – Seventh	Q683	1 000	1 717	1	0–4
Whether reported asthma medication used for prevention, relief or both – Seventh	Q685	1001	1718	1	0–3
Reasons for using medication – G1(a)	Q677A	1 002	1 719	3	0–999
Reasons for using medication – G2(a)	Q677B	1 003	1 722	3	0–999
Reasons for using medication – G3(a)	Q677C	1 004	1 725	3	0,61,64,128
WEIGHTS					
Weight persons (to be divided by 10000)	WTP	1 005	1 728	8	0
Weight womans health, alcohol, education and health insurance (to be divided by 10000)	WEIGN036	1006	1736	8	0
Weight general health and well-being (to be divided by 10000)	WEIGSF36	1 007	1 744	8	0
PERSON DESCRIPTION					
Age in whole years (a)	AGEYEAR	1 008	1 752	2	0–99

(a) The detail for these items has been reduced to preserve the confidentiality of individuals and/or because the data at a more detailed level would be unreliable for most practical purposes

APPENDIX 3: NATIONAL NUTRITION SURVEY DAY 2 DATA ITEMS (a), PERSON LEVEL

DATA ITEM GROUP / FIELD DESCRIPTION LABEL	FIELD NAME	FIELD NUMBER	START POSITION	LENGTH (BYTES)	RANGE OF CODES
.....					
IDENTIFYING ITEMS					
Household indicative number (random)	RANDOMID	2	5	8	0-99999999
Person number	PERSNOP	3	13	2	1-13
Person record identifier	IDP	4	15	1	0-09
Survey identifier	SIDP	5	16	5	0-99999
 PERSON DESCRIPTION					
Sex	SEX	7	23	1	1-2
Age in whole years(b)	AGEYEAR	11	28	2	0-31
 NUTRITION					
Amount of plain drinking water (millilitres) consumed yesterday	AMTWATER	33	63	4	0-9999
How much of plain drinking water yesterday came from own home	HMWATERH	34	67	1	0-4
Whether took multivitamins yesterday	VITSYESA	35	68	2	0,1,99
Whether took multivitamins with iron yesterday	VITSYESB	36	70	2	0,2,99
Whether took vitamin A yesterday	VITSYESC	37	72	2	0,3,99
Whether took vitamin B yesterday	VITSYESD	38	74	2	0,4,99
Whether took vitamin C yesterday	VITSYESE	39	76	2	0,5,99
Whether took vitamin E yesterday	VITSYESF	40	78	2	0,6,99
Whether took B carotene yesterday	VITSYESG	41	80	2	0,7,99
Whether took calcium yesterday	VITSYESH	42	82	2	0,8,99
Whether took folic acid/folate yesterday	VITSYESI	43	84	2	0,9,99
Whether took iron yesterday	VITSYESJ	44	86	2	0,10,99
Whether took zinc yesterday	VITSYESK	45	88	2	0,11
Whether took none of the selected supplements yesterday	VITSYESL	46	90	2	0,12,99
Whether took any of the selected vitamin or mineral supplements yesterday	ANYVITS	47	92	1	0-2,9
Amount of food consumed yesterday compared to usual	AMTFOOD	48	93	1	0-4,9
Main reason consumed less than usual yesterday	AMTLESS	49	94	2	0-11,99
Main reason consumed more than usual yesterday	AMTMORE	50	96	1	0-7,9
Whether person reported eating breakfast in the IFIQ	BFFLAG	53	99	1	0-1
Main respondent for interview	OBSA	54	100	2	0-11,99
Whether the interviewer or sample person had any problems with the IFIQ	OBSC	67	126	1	0-2,9
Date of intake month	MINTAKE	119	197	2	0-99
Day of week of interview	DAYOFWEE	120	199	1	0-7
Energy kJ total	TENERGY	122	201	10	0-9999999999
Protein g total	TPROTEIN	123	211	10	0-9999999999
.....					

- (a) The Day 2 data file has an identical structure to the main NNS file. However, the only items which contain data are listed in this document.
- (b) The detail for these items has been reduced to preserve the confidentiality of individuals and/or because the data at a more detailed level would be unreliable for most practical purposes

DATA ITEM GROUP / FIELD DESCRIPTION LABEL	FIELD NAME	FIELD NUMBER	START POSITION	LENGTH (BYTES)	RANGE OF CODES
NUTRITION <i>continued</i>					
Total fat g total	TTOTFAT	124	221	10	0-9999999999
Saturated fat g total	TTOTSFAT	125	231	10	0-9999999999
Monounsaturated fat g total	TTOTMFAT	126	241	10	0-9999999999
Polyunsaturated fat g total	TTOTPFAT	127	251	10	0-9999999999
Cholesterol mg total	TCHOLEST	128	261	10	0-9999999999
Total sugars g total	TTOTSUGR	129	271	10	0-9999999999
Starch g total	TSTARCH	130	281	10	0-9999999999
Carbohydrate g total	TCARBOHY	131	291	10	0-9999999999
Dietary fibre g total	TDFIBRE	132	301	10	0-9999999999
Vitamin A retinol equivalents mcg total	TVITARE	133	311	10	0-9999999999
Preformed vitamin A mcg total	TVITAPRE	134	321	10	0-9999999999
Provitamin A mcg total	TPROVITA	135	331	10	0-9999999999
Thiamin mg total	TTHIAMIN	136	341	10	0-9999999999
Riboflavin mg total	TRIBOFLA	137	351	10	0-9999999999
Niacin-preformed mg total	TNIACINP	138	361	10	0-9999999999
Niacin-derived mg total	TNIACIND	139	371	10	0-9999999999
Niacin equivalents mg total	TNIACINE	140	381	10	0-9999999999
Folate mcg total	TFOLATE	141	391	10	0-9999999999
Vitamin C mg total	TVITAC	142	401	10	0-9999999999
Calcium mg total	TCALCIUM	143	411	10	0-9999999999
Phosphorus mg total	TPHOSPHO	144	421	10	0-9999999999
Magnesium mg total	TMAGNESI	145	431	10	0-9999999999
Iron mg total	TIRON	146	441	10	0-9999999999
Zinc mg total	TZINC	147	451	10	0-9999999999
Potassium mg total	TPOTASSI	148	461	10	0-9999999999
Alcohol g total	TALCOHOL	149	471	10	0-9999999999
Moisture g total	TMOISTUR	150	481	10	0-9999999999
Protein per 1 000 kJ energy	KPROTEIN	151	491	10	0-9999999999
Total fat per 1 000 kJ energy	KTOTFAT	152	501	10	0-9999999999
Saturated fat per 1 000 kJ	KTOTSFAT	153	511	10	0-9999999999
Monounsaturated fat per 1 000 kJ energy	KTOTMFAT	154	521	10	0-9999999999
Polyunsaturated fat per 1 000 kJ energy	KTOTPFAT	155	531	10	0-9999999999
Cholesterol per 1 000 kJ energy	KCHOLEST	156	541	10	0-9999999999
Total sugar per 1 000 kJ energy	KTOTSUGR	157	551	10	0-9999999999
Starch per 1 000 kJ energy	KSTARCH	158	561	10	0-9999999999
Carbohydrate per 1 000 kJ energy	KCARBOHY	159	571	10	0-9999999999
Dietary fibre per 1 000 kJ energy	KDFIBRE	160	581	10	0-9999999999
Vitamin A (expressed as retinol equivalents) per 1 000 kJ	KVITARE	161	591	10	0-9999999999
Preformed vitamin A per 1 000 kJ	KVITAPRE	162	601	10	0-9999999999
Provitamin A per 1 000 kJ energy	KPROVITA	163	611	10	0-9999999999
Thiamin per 1 000 kJ energy	KTHIAMIN	164	621	10	0-9999999999
Riboflavin per 1 000 kJ energy	KRIBOFLA	165	631	10	0-9999999999
Performed niacin per 1 000 kJ energy	KNIACINP	166	641	10	0-9999999999
Derived niacin per 1 000 kJ energy	KNIACIND	167	651	10	0-9999999999

NUTRITION *continued*

DATA ITEM GROUP / FIELD DESCRIPTION LABEL	FIELD NAME	FIELD NUMBER	START POSITION	LENGTH (BYTES)	RANGE OF CODES
Niacin equivalents per 1 000 kJ energy	KNIACINE	168	661	10	0-9999999999
Folate per 1 000 kJ energy	KFOLATE	169	671	10	0-9999999999
Vitamin C per 1 000 kJ	KVITAC	170	681	10	0-9999999999
Calcium per 1 000 kJ energy	KCALCIUM	171	691	10	0-9999999999
Phosphorus per 1 000 kJ energy	KPHOSPHO	172	701	10	0-9999999999
Magnesium per 1 000 kJ energy	KMAGNESI	173	711	10	0-9999999999
Iron per 1 000 kJ energy	KIRON	174	721	10	0-9999999999
Zinc per 1 000 kJ	KZINC	175	731	10	0-9999999999
Potassium per 1 000 kJ energy	KPOTASSI	176	741	10	0-9999999999
Alcohol (g) per 1 000 kJ energy	KALCOHOL	177	751	10	0-9999999999
Moisture per 1 000 kJ energy	KMOISTUR	178	761	10	0-9999999999
Protein percent contribution to energy intake	EPROTEIN	179	771	10	0-9999999999
Total fat percent contribution to energy intake	ETOTFAT	180	781	10	0-9999999999
Saturated fat percent contribution to energy intake	ETOTSFAT	181	791	10	0-9999999999
Monounsaturated fat percent contribution to energy intake	ETOTMFAT	182	801	10	0-9999999999
Polyunsaturated percent contribution to energy intake	ETOTPFAT	183	811	10	0-9999999999
Total sugars percent contribution to energy intake	ETOTSUGR	184	821	10	0-9999999999
Starch percent contribution to energy intake	ESTARCH	185	831	10	0-9999999999
Carbohydrate percent contribution to energy intake	ECARBOHY	186	841	10	0-9999999999
Alcohol percent contribution to energy intake	EALCOHOL	187	851	10	0-9999999999
Non-alcoholic beverages (amount consumed the previous day)	NONALBEV	188	861	6	0-999999
Cereals and cereal products (amount consumed yesterday)	CEREALS	189	867	6	0-999999
Cereal-based products and dishes (amount consumed yesterday)	CERBASE	190	873	6	0-999999
Fats and oils (amount consumed the previous day)	FATSOILS	191	879	6	0-999999
Fish and seafood products and dishes (intake previous day)	FISHPROD	192	885	6	0-999999
Fruit products and dishes (amount consumed the previous day)	FRUTPROD	193	891	6	0-999999
Egg products and dishes (amount consumed yesterday)	EGGPROD	194	897	6	0-999999
Meat, poultry and game products and dishes (amount consumed previous day)	MEATPROD	195	903	6	0-999999
Milk products and dishes (amount consumed the previous day)	MILKPROD	196	909	6	0-999999
Soup (amount consumed the previous day)	SOUP	197	915	6	0-999999
Seeds and nut products and dishes (amount consumed the previous day)	SEEDNUT	198	921	6	0-999999
Savoury sauces and condiments (amount consumed the previous day)	SAUCES	199	927	6	0-999999
Vegetable products and dishes (amount consumed the previous day)	VEGPROD	200	933	6	0-999999
Legumes and pulse products and dishes (amount consumed the previous day)	LEGUME	201	939	6	0-999999
Snack foods (amount consumed previous day)	SNACKFD	202	945	6	0-999999
Sugar products and dishes (amount consumed the previous day)	SUGPROD	203	951	6	0-999999
Confectionery (amount consumed the previous day)	NUTBARS	204	957	6	0-999999
Alcoholic beverages (amount consumed the previous day)	ALCOBEV	205	963	6	0-999999
Special dietary foods (amount consumed the previous day)	SPECDIET	206	969	6	0-999999
Miscellaneous (amount consumed previous day)	MISC	207	975	6	0-999999
Infant formulae, and foods (amount consumed previous day)	INFANTF	208	981	6	0-999999

DATA ITEM GROUP / FIELD DESCRIPTION LABEL	FIELD NAME	FIELD NUMBER	START POSITION	LENGTH (BYTES)	RANGE OF CODES
NUTRITION <i>continued</i>					
Family number	FAMNOP	427	1 349	1	0-6
Income unit number	IUNOP	428	1 350	1	0-5
Person number (within income unit)	PNOP	429	1 351	2	1-13

APPE DIX 3: NATIONAL NUTRITION SURVEY DAY 2 DATA ITEMS, FOOD LEVEL

DATA ITEM GROUP / FIELD DESCRIPTION LABEL	FIELD NAME	FIELD NUMBER	START POSITION	LENGTH (BYTES)	RANGE OF CODES
.....					
IDENTIFYING ITEMS					
Household indicative number (random)	RANDOMID	2	5	8	0-99999999
Person number	PERSNON	3	13	2	0-13
Food record identifier	IDN	4	15	1	0-9
Survey identifier	SIDN	5	16	5	0-99999
NUTRITION					
Line number	LINENUM	6	21	3	0-999
Eating time (hours)	EATHRS	7	24	2	0-99
Eating time (minutes)	EATMINS	8	26	2	0-99
Eat time flag	AMPM	9	28	1	0-2,8-9
Eating occasion	EATCALLD	10	29	2	0-07,97-99
Food code 1	FOODCOD1	11	31	8	0-99999999
Food code 2 (for modified recipes)	FOODCOD2	12	39	8	0-99999999
Combination code	CMBCODE	13	47	2	0-21
Combination sequence number	CMBSEQNO	14	49	2	0-99
How many (portion information)	HOWMANY	15	51	8	0-99999999
Measure (portion information)	MEASURE	16	59	3	0-999
Number eaten (portion information)	NOEATEN	17	62	8	0-99999999
Dimension 1 (portion information)	DIMENS1	18	70	6	0-999999
Dimension 2 (portion information)	DIMENS2	19	76	6	0-999999
Dimension 3 (portion information)	DIMENS3	20	82	6	0-999999
Gram weight description number (portion information)	GWTDSCNO	21	88	5	0-99999
Guideline number (portion information)	GUIDELIN	22	93	2	00-11
Portion size quality (portion information)	PSZQULTY	23	95	2	00,97,99
Portion size grams	PSZGRAMS	24	97	6	0-999999
Where food/beverage obtained	WHEREOBT	25	103	2	0-15,99
Whether food was eaten in home	EATINHOM	26	105	1	0-2,8-9
Whether food ever in home (if eaten away from home)	EVRIINHOM	27	106	1	0-2,8,9
Subcode	SUBCODE	28	107	7	0-9999999
Whether salt used in preparation of food reported in IFIQ	SALTUSD	29	114	1	0-3,8,9
Energy (kJ)	ENERGY	30	115	10	0-9999999999
Protein (g)	PROTEIN	31	125	10	0-9999999999
Total fat (g)	TOTFAT	32	135	10	0-9999999999
Saturated fat (g)	TOTSFAT	33	145	10	0-9999999999
Monounsaturated fat (g)	TOTMFAT	34	155	10	0-9999999999
Polyunsaturated fat (g)	TOTPFAT	35	165	10	0-9999999999
Cholesterol (mg)	CHOLEST	36	175	10	0-9999999999
Total sugars (g)	TOTSUGR	37	185	10	0-9999999999
Starch (g)	STARCH	38	195	10	0-9999999999
Carbohydrate (g)	CARBOHY	39	205	10	0-9999999999

DATA ITEM GROUP / FIELD DESCRIPTION LABEL	FIELD NAME	FIELD NUMBER	START POSITION	LENGTH (BYTES)	RANGE OF CODES
NUTRITION <i>continued</i>					
Dietary fibre (g)	DFIBRE	40	215	10	0-9999999999
Vitamin A retinol equivalents (mcg)	VITARE	41	225	10	0-9999999999
Preformed vitamin A (mcg)	VITAPRE	42	235	10	0-9999999999
Provitamin A (mcg)	PROVITA	43	245	10	0-9999999999
Thiamin (mg)	THIAMIN	44	255	10	0-9999999999
Riboflavin (mg)	RIBOFLA	45	265	10	0-9999999999
Niacin — preformed (mg)	NIACINP	46	275	10	0-9999999999
Niacin — derived (mg)	NIACIND	47	285	10	0-9999999999
Niacin equivalents (mg)	NIACINE	48	295	10	0-9999999999
Folate (mcg)	FOLATE	49	305	10	0-9999999999
Vitamin C (mg)	VITAC	50	315	10	0-9999999999
Calcium (mg)	CALCIUM	51	325	10	0-9999999999
Phosphorus (mg)	PHOSPHO	52	335	10	0-9999999999
Magnesium (mg)	MAGNESI	53	345	10	0-9999999999
Iron (mg)	IRON	54	355	10	0-9999999999
Zinc (mg)	ZINC	55	365	10	0-9999999999
Potassium (mg)	POTASSI	56	375	10	0-9999999999
Alcohol (g)	ALCOHOL	57	385	10	0-9999999999
Moisture (g)	MOISTUR	58	395	10	0-9999999999
IDENTIFYING ITEMS					
Family number	FAMNON	59	405	1	0-6
Income unit number	IUNON	60	406	1	0-5
Person number (within income unit)	PNON	61	407	2	1-13

APPENDIX 4: AGGREGATED NNS DATA ITEMS

For reasons of confidentiality and/or statistical integrity the detail available for the following items on the NNS data file has been reduced to the categories shown.

DATA ITEMS	AGGREGATIONS	DATA ITEMS	AGGREGATIONS
PERSON		PERSON <i>continued</i>	
Age in whole years	Single years 2–19 20–24 25–29 30–34 35–39 40–44 45–49 50–54 55–59 60–64 65–69 70–74 75–79 80 and over	Year of arrival	Not applicable 1965 or before 1966–75 1976–85 1986–89 1990–92 1993 or later
Country of birth	Australia New Zealand United Kingdom and Ireland Italy Greece Other Southern Europe Western Europe Other Europe, USSR, Baltic States Middle East Vietnam Other South-East Asia Southern Asia North-East Asia All other	Household type	Persons living alone Husband/wife, no other usual residents Husband/wife with dependent children 15+ Husband/wife with dependent children <15 only Husband/wife with dependent children <15 and >14 Single parent with dependent children 15+ Single parent with dependent children <15 only Single parent with dependent children <15 and >14 Mixed families in household

DATA ITEMS	AGGREGATIONS	DATA ITEMS	AGGREGATIONS
PERSON <i>continued</i>		LABOUR FORCE	
Relationship in household	Husband with dependent child(ren) Wife with dependent child(ren) Husband without dependent child(ren) Wife without dependent child(ren) Single parent with dependent child(ren) Single parent without dependent child(ren) Eldest of 2 or more related persons Child(ren) and other relatives aged <15 or aged 15–20 who are full time students Other son/daughter of any age Other relatives of family head Single person with non-relatives Person living alone	Occupation	Not applicable/member of Armed Forces Managers/administrators Professionals Para-professionals Tradespersons Clerks Salespersons/personal care workers Labourers and related workers Plant and machine operators/drivers Not stated
GEOGRAPHIC		Usual hours worked per week	Not applicable Less than 1 hour 1–14 hours 15–19 hours 20–24 hours 25–29 hours 30–34 hours 35–39 hours 40–49 hours 50 hours or more
SEIFA index of relative social disadvantage (Australia)	Not applicable First Second Third Fourth Fifth	Number of persons with full-time employment in household	None 1 2 3 4 or more Not known
Rural, remote and metropolitan areas classification	Capital city/other metropolitan Large/small rural centres Other rural areas ACT/NT Brisbane Other Qld metropolitan/rural centres		
LANGUAGE		Number of weeks looking for work	Not applicable 1–4 5–8 9–12 13–20 21–26 27–52 53 or more
Usual language spoken at home	Not applicable English Northern European Southern European Eastern European Souther Asian Eastern Asian All other		

DATA ITEMS	AGGREGATIONS
------------	--------------

EDUCATION

Age first left school (years)	Not applicable
	Never went to school
	15 or under
	15–17
	Over 18

HOUSING

Nature of occupancy	Not applicable
	Renter
	Purchaser
	Owner
	Other

SELF-ASSESSED HEALTH STATUS

Self-reported height	Not applicable
	149 cm or less
	Single centimetres 150–194
	195 cm or more
	Not stated

Self-reported weight	Not applicable
	40kg or less
	Single kilograms 41–119
	120kg or more
	Not stated

BREASTFEEDING

Age first given cows milk (weeks)	Not applicable
	Less than 26
	26 to less than 37
	37 to less than 52
	52
	53 or more
	Don't know/never

DATA ITEMS	AGGREGATIONS
------------	--------------

BREASTFEEDING *continued*

Age first given infant formula (weeks) and	Not applicable
	Less than 1
Age first given solid food (weeks) and	1–4
	5–12
Age first given milk substitute (weeks)	13–25
	26–51
	52 or more
	Don't know/never

Age first given anything other than breastmilk (weeks)	Not applicable
	1–4 weeks
	5–12
	13–25
	26–51
	52 or more
	Don't know/never

Total time breastfed (months)	Not applicable
	1–2 months
	3–5 months
	6–11 months
	12 months or more
	Never/don't know

Total time exclusively breastfed and	Not applicable
	1–4 weeks
Total time partially breastfed	5–12 weeks
	13–24
	25–52
	53 or more
	Never/don't know

PHYSICAL MEASUREMENTS

Reason for not obtaining weight measurements	Not applicable
	Refused measurement
	Unable to stand on scales
	Other
	Not stated

DATA ITEMS	AGGREGATIONS
------------	--------------

PHYSICAL MEASUREMENTS *continued*

Body mass for age — comparison to USA reference values	Not applicable
	Low BMI for age
	At risk of overweight
	Overweight
	Not stated

INCOME

Gross household income	Not applicable
	Negative
	\$0001–4 999
	\$5 000–9 999
	\$10 000–14 999
	\$15 000–19 999
	\$20 000–24 999
	\$25 000–29 999
	\$30 000–34 999
	\$35 000–39 999
	\$40 000–44 999
	\$45 000–49 999
	\$50 000–54 999
	\$55 000–59 999
	\$60 000–64 999
	\$65 000–69 999
	\$70 000–74 999
	\$75 000 or more
	Don't know/not stated

DATA ITEMS	AGGREGATIONS
------------	--------------

INCOME *continued*

Main source of income	Not applicable
	Wages or salary
	Own business or share in partnership
	Government pensions or benefit
	Superannuation
	Interest/dividends
	Other

Equivalent income (deciles)	Not applicable
	First
	Second
	Third
	Fourth
	Fifth
	Sixth
	Seventh
	Eight
	Ninth
	Tenth

**APPENDIX 5: ANSURS TECHNICAL
SUPPORT FILES**

OVERVIEW

NNS food coding and nutrient calculations were performed using a computer-assisted food coding and data management system named Survey Net-ANSURS (ANSURS). ANSURS was modified for the Commonwealth Department of Health and Family Services (HFS) from Survey Net by the University of Texas-Houston Health Science Center's School of Public Health.

Survey Net was developed cooperatively by the Agricultural Research Service of the United States Department of Agriculture (ARS\USDA) and the University of Texas-Houston Health Science Center's School of Public Health. Permission for the Department of Health and Family Services to modify the system for the data processing needs of the NNS was granted by ARS\USDA. This permission is gratefully acknowledged. The structure of the Technical Support Files was based on that developed for the Continuing Survey of Food Intakes of Individuals 1994–96 by the Agricultural Research Service Of the United States Department of Agriculture. Their permission to use and modify this material is gratefully acknowledged.

The food coding and nutrient calculations of the 24-hour dietary recall data collected in the NNS used three technical data bases. These are the Food Codebook Data Base, the Nutrient Data Base, and the Recipe Data Base. Each data base is comprised of several separate data files. This document lists the data files in each data base, indicates the relationships among the data files, and provides the format for each file.

The three technical data bases were developed by HFS. The data in the Nutrient Values File was developed by the Australia New Zealand Food Authority. Together with ANSURS, these data bases were used to code the 24-hour recall data collected in the NNS. Most of the technical support files have been provided with the CURF. However, several have been with-held because they contain brand name information — these are not available to any user but are briefly described below. The nutrient values file has not been provided, but is available from ANZFA.

The data files use ASCII comma delimited formats. Format descriptions listed here include the name of each field; its type (N=numeric, A=alphanumeric, and D=date); its length, including decimals; and a * symbol when a field is indexed. Although ASCII delimited files do not have indexes, they are identified in this document to show the order of records.

FOOD CODEBOOK DATA BASE (CODEBOOK)

The files in the Food Codebook Data Base (Codebook) contains information used to code foods and amounts. For each food on the data base, there is a unique food identification code (Survey Food Code), a long and short description of the food, a set of measures for the food, and gram weights for those measures. Some Survey Food Codes may have 'Includes' for similar foods with comparable nutrient values. A few Survey Food Codes also have 'Subcodes' for foods with comparable nutrient values but with different weights for the same measure.

FOOD CODEBOOK DATA BASE (CODEBOOK) *continued*

The Food Codebook Data Base consists of 6 files:

- Codebook Descriptions File (ACBDES)
- Codebook Includes File (ACBINCL)
- Codebook Subcodes File (ACBSBCOD)
- Codebook Subcode Descriptions File (ACBSBDES)
- Codebook Measure Descriptions File (ACBMDES)
- Codebook Gram Weights File (ACBGMWT)

The Survey Food Code is a unique 8-digit number assigned to each unique food in the Food Codebook Data Base. The Survey Food Code is linked to 4 other files within the Food Codebook Data Base: Codebook Descriptions, Codebook Includes, Codebook Subcodes and Codebook Gram Weights. It also links the Food Codebook Data Base to the Nutrient Data Base and the Recipe Data Base.

A measure description number links the Codebook Measure Descriptions file to the Codebook Gram Weights file. A Subcode number links the Codebook Subcode file to the Codebook Subcode Descriptions and the Codebook Gram Weights file.

Codebook descriptions file (ACBDES)

This contains the following fields

Survey Food Code	N 8*
Food Description	A 200
Abbreviated Description	A 60

Food Descriptions are generic. As confidentiality requirements did not allow for specific product or brand names to be identified in Survey data, specific food products identified by product or brand name are not allocated to a single food description. Complete and abbreviated descriptions are included.

The first four digits of the unique 8-digit Survey Food Code are determined by the food grouping. The fifth, sixth and seventh digits allow for 001-999 foods to be placed within the food grouping. The eighth digit is either a 1 or a 2, defining the food as one lacking or having a modifiable recipe respectively.

Codebook includes file (ACBINCL)

This file has not been provided. It contains names of specific foods associated with a generic food description, when the specific foods have nutrient values comparable to the generically described food.

Codebook subcodes files (ACBSBCOD)

This file has not been provided. Subcodes indicate specific foods associated with a particular generic code. These have the same nutrient profiles but may have different measure descriptions and gram weights.

Codebook subcode descriptions file (ACBSBDES)

This file has not been provided. It contains the subcode number and the subcode description.

Codebook measure descriptions file (ACBMDES)

This file has not been provided. It contains each unique measure description that was used for coding portion sizes e.g., cup, teaspoon, etc. Each measure is identified by a 5-digit code. The same measure can be used for many different foods. The measure description number is a unique 5-digit number assigned to each measure description.

Codebook gram weights file (ACBGMWT)

This file contains:

Survey Food Code	N 8*
Subcode Number	N 7* (Linked to ACBSBDES)
Sequence Number	N 2*
Measure Description Number	N 5* (Linked to ACBMDES)
Gram Weight	N 8.3

The Codebook Gram Weights file includes weight information for different measures of a particular food item. All weights are in grams.

The Sequence Number is a unique number for each measure used with a given Survey Food Code.

The Gram Weight is the weight of the food item (Survey Food Code) for the measure indicated by the Measure Description Number. Only the weight of an edible portion is included.

An example from the Codebook Gram Weights file is:

Survey Food Code:	19421101 (Cheese, cheddar, reduced fat, reduced salt)
Subcode Number:	0
Sequence Number:	3
Measure Description Number:	10159 (1 cup, shredded)
Gram Weight:	119

RECIPE DATA BASE

Food Codes consisting of two or more other Food Codes contain an entry in the Recipe Data Base. This entry is used in conjunction with the Nutrient Values File and the Retention Factors (ARETFACT) to expand the nutrient values that are placed in the Nutrient Values File. During the food coding process, an initial recipe may be modified to match more closely the food as described by the responding sample person.

The RECIPE DATA BASE consists of the following 4 files:

- Recipe Headers (ARECHEAD)
- Recipe Ingredients (ARECING)
- Recipe Modifications Headers (AMODHEAD)
- Recipe Modifications Ingredients (AMODING)
- Retention Factors File (ARETFACT)
- Retention Description File (ARETDES)

Recipe headers (ARECHEAD)

This file contains the following fields:

Survey Food Code	N 8* (Linked to ACBDES)
Food Name	A 240
Moisture Change	N 5.1
Fat Change	N 5.1

Recipe Headers contain information on changes in moisture and/or fat that occur in the food during cooking. These changes are expressed as a percentage (plus or minus) of the total weight of the uncooked recipe. If there is a fat gain or loss during cooking, the type of fat used in cooking is also designated in this file. This information is used during the calculation of the nutrient content of the recipe.

The Moisture Change is the percentage gain or loss in moisture during cooking.

The Fat Change is the percentage gain or loss in fat during cooking. Fat change was rarely utilised. Instead the quantity of fat was included as a recipe ingredient on most occasions.

Recipe ingredients (ARECING)

This file contains:

Survey Food Code	N 8* (Linked to ARECHEAD)
Ingredient Sequence Number	N 2*
Ingredient Code	N 8* (Linked to ASVYNUT, ACBGMWT)
Ingredient Subcode	N 7* (Linked to ACBGMWT and ACBSBCOD)
Amount 1	N 11.3
Measure 1	A 3
Measure Description Code 1	N 5 (Linked to ACBDES and ACBGMWT)
Retention Code	N 4 (Linked to ARETFACT)
Ingredient Name	A 60
Amount operator	A 1
Amount 2	N 11.3
Measure 2	A 3
Measure Description Code 2	N 5
Gram Weight	N 11.3

Recipe Ingredient records contain ingredient codes, descriptions, measure descriptions, weight in grams (excluding refuse weight), and retention codes when appropriate. A maximum of two amount descriptions is allowed for an ingredient. For example, a recipe may call for 1 cup + 1 tablespoon of flour. The information required to code 1 cup is listed in the first group of fields with a "1" after the field names. The information for coding 1 tablespoon is listed in the second group of fields with a "2" after the field names. The fields contain the following information:

- An Ingredient Code must be a Survey Food Code.
- The Ingredient Subcode indicates a "Subcode" of a Survey Food Code when appropriate. This field is usually blank.
- Amount 1 and Amount 2 are the number of measures or portions.
- Measure 1 and Measure 2 are the types of measure, such as c for cup.
- The Gram Weight is the weight of the ingredient in the recipe.
- The Amount operator indicates the second measure was added to (+) or subtracted from (-) the first measure.

Recipe modifications headers (AMODHEAD)

This file contains:

Modification number	N 6* (Linked to AMODING)
Food Name	A 240
Moisture Change	N 5.1
Fat Change	N 5.1
Survey Food Code	N 8 (Linked to ARECHEAD, ACBDES)

Recipe Modifications occur when a responding sample person supplies specific information about certain food ingredients that differs from the recipe as maintained in the Recipe Data Base.

The Modification number identifies a specific recipe modification.

Modification numbers are tied to a specific Survey food code.

The Food Name includes a description of how the modified food differs from the original recipe.

Moisture Change, Fat Change - see descriptions under Recipe Headers (ARECHEAD).

Recipe modifications ingredients (AMODING)

This file contains:

Modification number	N 6* (Linked to AMODHEAD)
---------------------	---------------------------

The remainder of this record format is identical to the Recipe Ingredient format.

Retention factors (ARETFACT)

This file contains:

Retention Code	N 4* (Linked to ARETDES)
Nutrient Code	N 5* (Linked to ANUTDES)
Retention Factor	N 5.2

Retention Factors are used to calculate the retention of vitamins and minerals during cooking. The factors, expressed as a percentage of the nutrient retained, are organized into food categories according to foods and their cooking methods. Each food category is identified by a "retention code."

The Retention Code identifies the food/cooking category.

The Retention Factor is the percentage of nutrient retained during the cooking or preparation procedure.

Retention descriptions (ARETDES)

This file contains:

Retention Code	N 4* (Linked to ARETFACT)
Food Category Description (abbreviated)	A 60

The Retentions Descriptions are the descriptions associated with each retention code in the retention Factors File.

NUTRIENT DATA BASE AND RELATED FILES

The Nutrient Data Base contains nutrient composition information used to calculate the nutritive value of foods consumed in the NNS.

The nutrient data base files are:

- Nutrient descriptions (ANUTDES)
- Nutrient values file (ASVYNUT)

Nutrient descriptions (ANUTDES)

This file contains:

Nutrient Code	N 5*
Nutrient Description	A 35
Nutrient Description (abbreviated)	A 7
Unit	A 5

Nutrient Descriptions identify the nutrient codes used in the Nutrient Values File.

The Unit is the unit in which values for the nutrient are expressed in this data base.

An example from the Nutrient Descriptions file is:

Nutrient Code:	301
Nutrient Description:	Calcium
Nutrient Description (abbreviated):	CA
Unit:	mg

Nutrient values (ASVYNUT)

The Nutrient Values File was developed by, and will be available from ANZFA. It contains the nutrient values per 100 grams for survey foods. Prior to final processing of the food intake data, the Nutrient Values and entries in the Recipe Data Base files (described above) were used to create nutrient values for each of the unique Survey food codes.

The nutrient values file can be obtained from Ms Janine Lewis at ANZFA, who can be contacted on Email: janine.lewis@ANZFA.gov.au.