Australian Bureau of Statistics
INFORMATION PAPER

1984 HOUSEHOLD EXPENDITURE SURVEY
AUSTRALIA

SAMPLE FILE ON
MAGNETIC TAPE

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IAN CASTLES
Australian Statistician

AUSTRALIAN BUREAU OF STATISTICS

(F)

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SAMPLE FILE ON MAGNETIC TAPE

1. Introduction

This publication provides information concerning the magnetic tape containing data for the 1984 Household Expenditure Survey, which is now available.

The release of these data is possible under the Census and Statistics Act 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 sample file and the detail for some items of data has been suppressed or reduced to ensure that the confidentiality of individuals is protected. The file is available under certain conditions of issue which are specified in Section 6 on page 2 of this publication. Subject to the limitations of sample size and the data classifications used, it is possible for a user to manipulate the data, produce tabulations and undertake statistical analyses to their own specifications.

2. Magnetic tape formats

Details of magnetic tape formats, tape labelling options, recording densities, code sets available, etc., are given in Appendix A.

3. File structure

The sample file is distributed on a single reel of magnetic tape containing three data files. Details of the structure of labels on the magnetic tape are given in Appendix B.

4. Record structure

There are three files on the magnetic tape.

File 1 contains two types of record, both of which relate to households. The first is a 289 character record containing the bulk of the data. This is followed by a series of 19 character records which contain details of household expenditure on any of the 419 expenditure items. The two different types can be identified from the first character of each record (after the 4 character 'Record length' field) which is set to '1' for the first and to '2' for the second type of record.

Information on this file includes data items which:

(i) describe the composition of the household itself (for example the number of persons in the household in each of 7 different age groups and the family types in the household);

(ii) describe the household head and spouse (for example the age and sex of the household head and the employment status of both head and spouse);

(iii) describe the income of the household (for example the weekly household income from each of 23 sources); and

(iv) describe the expenditure of the household (for example the weekly household expenditure on each of 419 expenditure items).

For a full list of the data items contained in the file see Appendix C.

Any statistics produced from the sample file will be subject to sampling error.

File 2 is a 'print file' in that it contains standard ANSI control characters. Each record is 133 bytes in length (the first being the print control character). The user may print this file to obtain extensive documentation about the data in File 1.

File 3 is a compressed and formatted version of File 2, which the users may load into their systems for ADP purposes. Each record in this file contains 148 bytes. The basic difference between Files 2 and 3 is that, in File 3, superfluous blank characters have been suppressed, and fields have been placed in specific positions within the records together with identifiers to enable interpretation.

5. Using the data

5.1 Classifications

The detail for some variables has been reduced to avoid the release of identifiable information. These variables are listed in Appendix D.

5.2 Effects of sampling

The 1984 Household Expenditure Survey was based on a multistage area sample of private dwellings and covered about one-fifth of one per cent of the population of Australia. Half the households from this sample have been included on this file. As the survey was conducted at only a sample of all households in Australia, 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 household's chance of selection in the survey varied, depending upon the region in which it was located. If these different chances of selection are not accounted for, by use of appropriate 'weights', the results will be biased.

5.3 Use of 'weights'

One of the fields on the unit record file contains a 'weight' for each household in the sample. This 'weight' takes account of the household's probability of selection in the sample from its region, with an adjustment to account for underenumeration.

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

5.4 Estimation procedure

Estimates derived from the survey are obtained by using a complex ratio estimation procedure, which ensures that the survey estimates conform to the distribution of households in the complete population rather than to the distribution within the sample itself.

6. Conditions of issue

Sample files are released in accordance with a Ministerial Determination (Statutory Rules 1983 No. 19) in pursuance of Section 13 of the *Census and Statistics Act 1905*. As required by the Determination, the sample files have been designed so that the information on the files is not likely to enable the identification of the particular households to which it relates.

In pursuance of Clause 7, the Determination requires clients to sign a Form of Undertaking stating that the information will be used for statistical purposes only.

Use of data for statistical purposes means use by the person or organisation to produce information of a statistical nature. Examples of such uses are:

(a) the manipulation of data to produce means, correlations or other descriptive or summary measures;

(b) the estimation of population characteristics from sample data;

(c) the use of data as input to mathematical models and for other types of analyses (e.g. factor analysis); and

(d) to provide graphical and pictorial representations of characteristics of the population or sub-sets of the population.

The following are examples of non-statistical purposes:

(a) transmitting or allowing access to unit record data in part or whole to any other person/organisation, (other potential users of the data for statistical purposes must therefore make separate application to the ABS);

(b) transmitting of, or allowing access to any other person/organisation to, any information based on the unit record data which comprises only 1 record; and

(c) attempting to match unit record data in whole or part with any other information for the purposes of identifying individuals.

Use of the data for improper purposes may render the user liable to severe penalties. For information about the propriety of any particular intended use of the data, please contact Mr M. Giles, Assistant Statistician, Social Branch, Canberra (062) 52 7169.

Other conditions of issue are:

(a) statistical tables, graphs, etc., obtained from analysis of these sample files may be further disseminated provided that the purchaser agrees:

  (i) to indicate that the ABS is the source of the data used;

  (ii) not to attribute any analysis or transformation of the data to the ABS; and

  (iii) to use the terminology currently used by the ABS for describing data;

(b) payment for magnetic tape files must be received in advance of the supply date. Purchase orders are not acceptable;

(c) while the utmost care will be taken in preparing and handling each tape, deterioration may occur between the time of copying and receipt of the tape. Accordingly, if the tape is unreadable on receipt and this is reported to the ABS within 28 days of dispatch, it will be recopied free of charge. As an added precaution at least one security copy of the tape should be made on receipt.

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APPENDIX A

MAGNETIC TAPE FORMATS

All data on magnetic tape from household sample surveys are supplied from the Canberra Office of the ABS and encoded by a FACOM M382 computer. All tapes are of standard dimensions (730m x 12.7mm) and use 9 tracks.

1. Tape labelling conventions

Three labelling options are available:

(a) FACOM Standard Label (same as IBM standard label). A label block consists of an 80 character EBCDIC coded fixed format record prefixed as for Australian Standard Labels but with some fields containing different information. However, the contents of the main fields are the same as for ANSI X3.27 labels. For a complete description see Appendix B.

(b) Australian Standard Label (ANSI X3.27-1978 and AS 1068-1971). A label block consists of an 80 character ASCII coded fixed format record prefixed by the characters VOL1, HDR or EOF. For a complete description see Appendix B.

(c) Unlabelled.

Note: All data files labelled and unlabelled will be encoded using either ASCII or EBCDIC Code Sets and will be blocked. The last file of data will be terminated by two consecutive tape marks. Although the ABS can supply unlabelled tapes from the M382 computer, the practice is strongly discouraged.

2. Recording densities

There is only one recording density available, and that is phase encoded 63 RPmm (1600 BPI).

3. Code sets

Two code sets are available:

(a) ASCII Code Set (AS1776-1975) which requires a minimum of 7 bits for representation. ABS always writes this code in 8-bit representation with the high order bit set to zero. This code cannot be represented on tapes with FACOM standard labels.

(b) EBCDIC Code Set. ABS always writes this code in 8-bit representation. This code will not be represented on tapes with ANSI labels.

4. Block sizes

The block sizes will usually be as close as possible to 2048 characters, which is the maximum block size allowed for ANSI labelled tapes. Block sizes are not a user option.

5. Provision of magnetic tapes

Two options are available:

(a) ABS 'For Sale' tapes. These are 730m x 12.7mm new tapes which are sold by the ABS at commercial retail prices including sales tax. The charge for the magnetic tape is in addition to the charge for any data contained thereon and is a part of the total charge for the supply of ABS data.

(b) User supplied tapes. ABS is able to copy data to user supplied magnetic tapes. These tapes must be 730m x 12.7mm and should preferably be new.

6. Initialising arrangements for magnetic tapes

All tapes will be initialised by the ABS under its Tape Management System (TMS). Labelled tapes will be allocated VSN(s) by the ABS and hardcopy of the label details will be supplied to the user. The user may specify an expiry date.

ABS 'For Sale' tapes—these are available in labelled or unlabelled form. All tapes will be initialised by ABS prior to copying data.

User supplied tapes—ABS will regard all user supplied tapes as 'scratch' tapes. Such tapes will be initialised in the ABS TMS prior to copying. If necessary, they will be demagnetised and/or certified prior to initialisation. User supplied tapes may be returned labelled or unlabelled as for ABS 'For Sale' tapes.

7. Summary of copying options

Acceptable combinations of copying options are summarised in the following table:

SUMMARY OF COPYING OPTIONS FOR MAGNETIC TAPE FROM HOUSEHOLD SAMPLE SURVEYS(a)

	LABELLING				DENSITY	CODE SET		TYPE OF TAPE	
	ANSI/ ASCII (b)	*'Standard'/ EBCDIC* (c)	*No Label*	*Labelled by ABS*	*63 RPmm (1600 BPI) (phase encoded)*	*ASCII*	*EBCDIC*	*ABS 'For Sale'*	*User Supplied* (d)
	*(e)			*	*	*		*	
	*			*	*	*			*
		*		*	*		*	*	
		*		*	*		*		*
			*		*	* or	*	* or	*
ABS Preferred Combination	*			*	*	*		*	

(a) All magnetic tapes will be 730m x 12.7mm recorded by the FACOM M382 computer on 9 tracks.   (b) Australian Standard Labels (AS 1068): code set (AS 1776) with data restricted to numeric and upper case alphabetic characters.   (c) IBM Standard Labels: EBCDIC code set, with data restricted to numeric and upper case alphabetic characters.   (d) Where a user supplies a magnetic tape, it must be 730m x 12.7mm and should preferably be new.   (e) The asterisks (*) indicate compatible options.

APPENDIX B

MAGNETIC TAPE VOLUME AND DATA SET LABELS

Section A—FACOM Standard Labels (same as IBM)

Each label is one 80-byte record containing various attributes of the data set or reel. EBCDIC code is used.

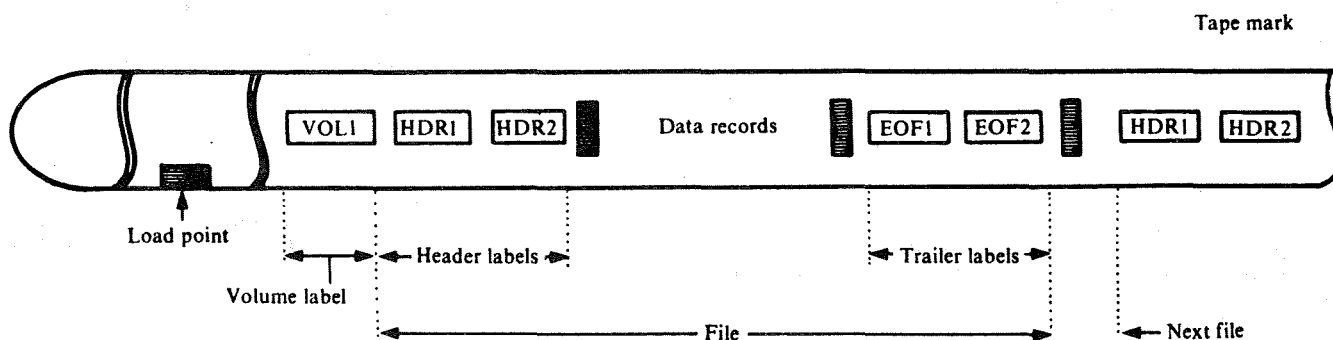There are five kinds of labels, as shown in Fig. A.1.

Figure A.1 FACOM standard labels (same as IBM)

Volume label—

One volume label exists as the first block on each reel. This label contains the volume serial number (VSN), owner name, and other data pertinent to this reel. A volume label is characterized by its first four characters: VOL. 1.

Header labels—

Two header labels are written at the front of each file: header label 1 (HDR1) and header label 2 (HDR2). The former contains an identification of this file, the latter contains various attributes.

Trailer labels—

Two trailer labels are written at the end of each file: trailer label 1 (EOF1) and trailer label 2 (EOF2). As can be seen from Fig. A.1, header and trailer labels are paired for each file on the volume. Trailer labels are quite similar to header labels, since reel processing does not always start from the front of a file, e.g. when reading backwards.

Standard volume label format:

Refer to Fig. A.2.

1 *Label name:* Indicates that the label is a volume label; always 'VOL'.

2 *Label number:* This is the sequence number of the volume label. There is only one volume label for a standard-label reel; hence, its sequence number is always '1'.

3 *Volume serial number (VSN):* One to six EBCDIC characters. Used to cite a specific volume. Externally-readable label on the reel should agree with this serial number for operating convenience.

4 *Owner name:* Arbitrary identifier of up to ten EBCDIC characters.
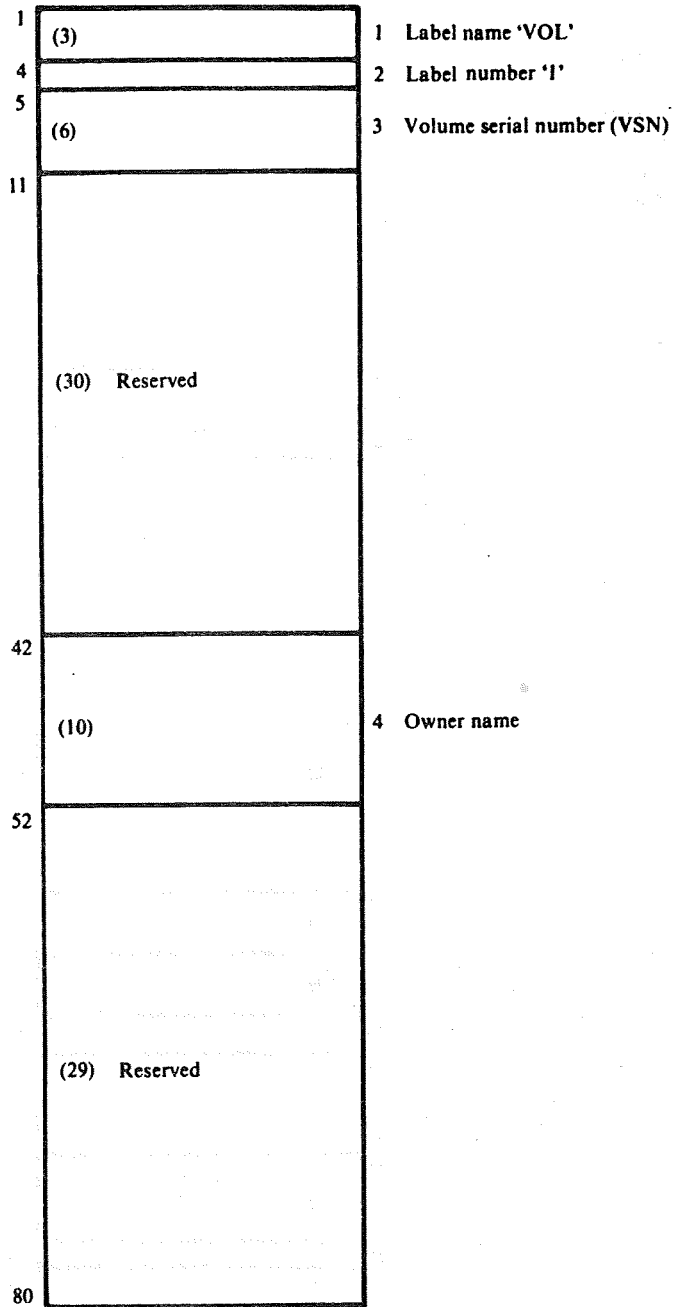
Figure A.2 Standard volume label

Standard format for the first header and trailer labels for a file:
Refer to Fig. A.3.

1 *Label name:* There are the following two kinds of label names:

  'HDR'   Header label
  'EOF'   Trailer label (end of data set).

2 *Label number:* Sequence number of this label; always '1' in this case.

1 (3)	1 Label name
4	2 Label number
5 (17)	3 File name
22 (6)	4 File serial number
28 (4)	5 Volume sequence number
32 (4)	6 File sequence number
36 (4)	7 Generation number
40	8 Version number
42 (6)	9 Creation date
48 (6)	10 Expiration date
54	11 Security indicator
(6)	12 Block count
61 (13)	13 System code
74 (7) Reserved	
80	

Figure A.3 First standard header or trailer label for a file

3 *File name:* Seventeen-character left-justified data set name. When less than seventeen characters, padded on right with blanks.

4 *File serial number:* Serial number of first volume on which this data exists.

5 *Volume sequence number:* Sequence number for a data set on one or more volumes. Volume sequence number is always '0001' for a single volume.

6 *File sequence number:* Relative position of each data set on the volume ranges through (0001-9999). This is relative to the first volume.

7 *Generation number:* Blank

8 *Version number:* Blank

9 *Creation date:* Indicates year and day the data set was created:

byyddd   b   Blank
           yy   Last two digits of the calendar year (00-99)
           ddd   Day in the year (001-366)

10 *Expiration date:* Indicates year and date until which the data set is protected from deletion. Same format as the creation date. Field is character '0' if not specified, and the protection interval is null.

11 *Security indicator:* Set to '0' (unprotected).

12 *Block count:* Total number of data blocks in the data set. Stored in the trailer label (EOF1 or EOV1); always '0' in the header label (HDR1).

13 *System code:* Identifier for system that created the data set. Always 'FACOM OS IV/ F4' (13 bytes) for reels created on this operating system.

Standard format for the second header and trailer labels for a file:
Refer to Fig. A.4.

1 *Label name:*
 'HDR'   Header label
 'EOF'   Trailer label (end of data set)

2 *Label number:* Sequence number of this label; always '2' in this case.

3 *Record format:*
      F   Fixed length
      V   Variable length
      U   Undefined length

4 *Block length:*
      F format   Block length (integer multiple of record length)
      V format   Maximum block length (including BDW)
      U format   Maximum block length

5 *Record length:*
      F format   Logical record length
      V format   Maximum logical record length (including RDW)
      U format   Always '0'

6 *Recording density:*
      3   1600 (9 track)

7 *Volume status:*
      0   First (or only) volume for this data set

1 (3)	1	Label name
4	2	Label number
5	3	Record format
6 (5)	4	Block length
11 (5)	5	Record length
16	6	Recording density
17	7	Volume status
18 (17)	8	Job/step name
35 (2)	9	Recording mode
37	10	Control character
38	11	Reserved
39	12	Blocking attribute
40 (41) Reserved		
80		
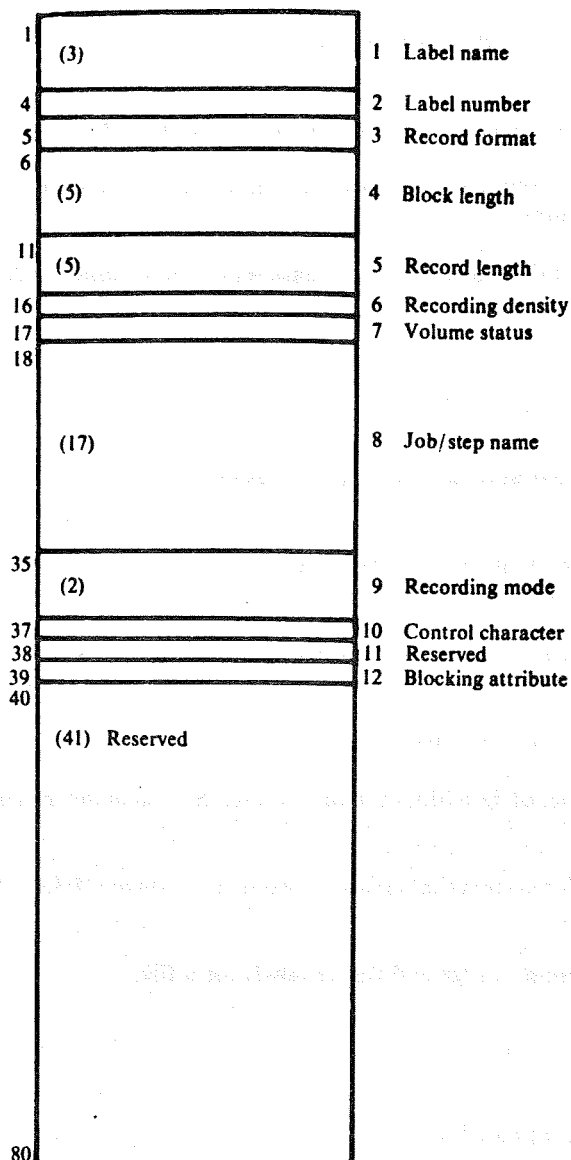
Note : Reserved—All blank

Figure A.4 Second standard header or trailer label for a file

8 *Job and step names:* Job name (eight characters) and step name (eight characters) delimited by '/' when the data set was created.

9 *Recording mode:* Blank

10 *Control character:*

    A   ANSI control characters
    C   FACOM control characters
    M   Machine control characters
 blank   No control characters

11 *Unused field (blanks):*

12 *Blocking attribute:*

    B   Blocked records
    S   Spanned records
    R   Blocked spanned records
 blank   Unblocked unspanned records

Section B—ANSI Labels

　　ANSI labels have basically the same format as FACOM standard labels. There are some differences in positions of fields in VOL1 and HDR1. HDR3 and subsequent header labels are not used. All ANSI labels and data are recorded in ASCII code at a recording density of 1600.

ANSI volume label format:
Refer to Fig. A.5.

1	Label name
2	Label number
3	Volume serial number
4	Volume protection
5	Owner name
6	Standards indication
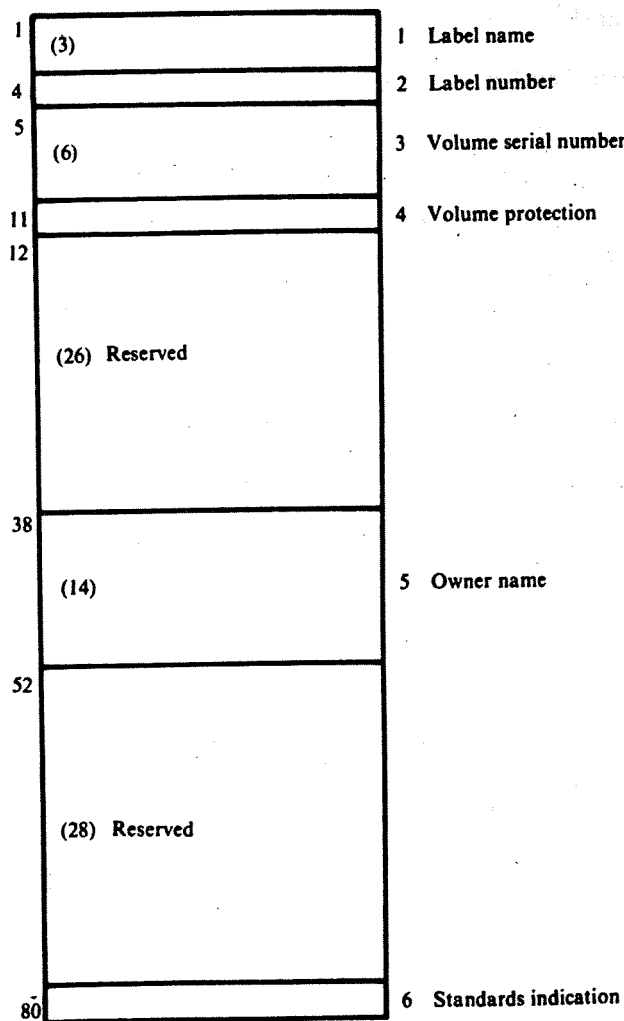
Figure A.5 ANSI volume label

1 *Label name:* Indicates that the label is a volume label. Always 'VOL'.

2 *Label number:* Sequence number of the volume label. There is only one volume label for an ANSI standard-label reel; hence, its sequence number is always '1'.

3 *Volume serial number:* One to six ANSI characters. Used to cite a specific volume.

4 *Volume protection:* This field is an ANSI 'space' character.

5 *Owner name:* Arbitrary name of at most 14 ANSI characters. This field is left blank if no owner name was specified when the file was created.

6 *Standards indication:* This field is set to '1'.

ANSI format for the first header and trailer labels for a file:
Refer to Fig. A.6. The contents of the fields (1)-(13) in Fig. A.6. are the same as those of the FACOM standard label (Fig. A.3) except for field (11), 'Security indicator'.

Byte	Field		Field description
1	(3)	1	Label name
4		2	Label number
5	(17)	3	File name
22	(6)	4	File serial number
28	(4)	5	Volume sequence number
32	(4)	6	File sequence number
36	(4)	7	Generation number
40	(2)	8	Version number
42	(6)	9	Creation date
48	(6)	10	Expiration date
54		11	Security indicator
55	(6)	12	Block count
61	(13)	13	System code
74	(7) Reserved		
80			

Figure A.6 First ANSI header and trailer label for a data set

11 *Security indicator:* Blank

ANS1 format for the second header and trailer labels for a file: Same as FACOM standard labels.

Other labels: File labels 3-9 (HDR3-HDR9, EOF3-EOF9) are not created by ABS.

APPENDIX C

LIST OF DATA ITEMS

Data item	Range of codes

INDICATIVE DATA

Record length	0-9999
Household number (random)	0-9999
Record identifier	1-2

HOUSING AND HOUSEHOLD COMPOSITION DATA

Family composition of the household	1-9
Nature of housing occupancy	1-4
Number of bedrooms in the dwelling	1-5
Number of families in the household	0-2
Number of income units in the household	1-5
Number of registered vehicles in the household	0-5
State of residence	1-6, 8
Type of dwelling structure	1-6

COUNTS OF PERSONS IN THE HOUSEHOLD

Number of dependent children in the household including full-time students under 20	0-3
Number of dependent children in the household including full-time students under 25	0-5
Number of employed persons in the household	0-4
Number of females in the household	0-5
Number of full-time students aged 15 to 19 in the household	0-2
Number of full-time students aged 20 or more in the household	0-1
Number of males in the household	0-5
Number of non-dependent offspring in the family	0-4
Number of non-family persons in the household	0-2
Number of pension/benefit recipients in the household	0-3
Number of persons aged less than 5 in the household	0-2
Number of persons aged 5 to 14 in the household	0-4
Number of persons aged 15 to 17 in the household	0-2
Number of persons aged 18 or 19 in the household	0-2
Number of persons aged 20 to 24 in the household	0-3
Number of persons aged 25 to 64 in the household	0-3
Number of persons aged 65 or more in the household	0-2
Number of persons in the household	1-7
Number of persons in the household for whom family allowance is being received	0-4
Number of retired persons in the household	0-2
Number of spenders in the household	1-5
Number of unemployed persons in the household	0-2
Number of usual residents in the household	0-7

DATA DESCRIBING THE HOUSEHOLD HEAD

Age of the household head	1-16
Country of birth of the household head	1-8
Duration of unemployment of the household head in the last twelve months	1-7
Employment status of the household head	1-5
Marital status of the household head	1-5
Occupation of the household head	0-9
Principal source of the household head's income	1-12
Sex of the household head	1-2
Total weekly income of the household head	0-9999 dollars
Year of arrival of the household head	1-6

DATA DESCRIBING THE SPOUSE

Country of birth of spouse	0-8
Employment status of spouse	0-5
Total weekly income of spouse	0-9999 dollars
Year of arrival of spouse	0-6

APPENDIX C—*continued*

LIST OF DATA ITEMS ON SAMPLE FILE—*continued*

Data item	Range of codes
INCOME DATA	
Total weekly household income from all sources (gross)	0-9999 dollars
Total weekly household income from government benefits	0-9999 dollars
Weekly household child earned income	0-9999 dollars
Weekly household child unearned income	0-9999 dollars
Weekly household income from accident compensation	0-9999 dollars
Weekly household income from age pension	0-9999 dollars
Weekly household income from family allowance	0-9999 dollars
Weekly household income from interest	0-9999 dollars
Weekly household income from invalid pension	0-9999 dollars
Weekly household income from investments	0-9999 dollars
Weekly household income from maintenance/alimony	0-9999 dollars
Weekly household income from government benefits n.e.c.	0-9999 dollars
Weekly household income from own business/self employment	0-9999 dollars
Weekly household income from property rent	0-9999 dollars
Weekly household income from scholarship/study allowance/TEAS	0-9999 dollars
Weekly household income from sickness benefit	0-9999 dollars
Weekly household income from superannuation/annuity	0-9999 dollars
Weekly household income from supporting parent's benefit	0-9999 dollars
Weekly household income from unemployment benefit	0-9999 dollars
Weekly household income from Veterans Affairs pension	0-9999 dollars
Weekly household income from wage and salary	0-9999 dollars
Weekly household income from widow's pension	0-9999 dollars
Weekly household income from wife's pension	0-9999 dollars
Weekly household income from workers compensation	0-9999 dollars
Weekly household income not elsewhere classified	0-9999 dollars
EXPENDITURE DATA	
Weekly household expenditure on current housing	-9999999 to +9999999 cents
Weekly household expenditure on fuel and power	-9999999 to +9999999 cents
Weekly household expenditure on food	-9999999 to +9999999 cents
Weekly household expenditure on alcoholic beverages	-9999999 to +9999999 cents
Weekly household expenditure on tobacco	-9999999 to +9999999 cents
Weekly household expenditure on clothing and footwear	-9999999 to +9999999 cents
Weekly household expenditure on household furnishings and equipment	-9999999 to +9999999 cents
Weekly household expenditure on household services and operation	-9999999 to +9999999 cents
Weekly household expenditure on medical care and health expenses	-9999999 to +9999999 cents
Weekly household expenditure on transport	-9999999 to +9999999 cents
Weekly household expenditure on recreation	-9999999 to +9999999 cents
Weekly household expenditure on personal care	-9999999 to +9999999 cents
Weekly household expenditure on miscellaneous goods and services	-9999999 to +9999999 cents
Weekly household expenditure on income tax	-9999999 to +9999999 cents
Weekly household expenditure on mortgage principal repayments	-9999999 to +9999999 cents
Weekly household expenditure on other capital housing costs	-9999999 to +9999999 cents
Weekly household expenditure on superannuation and life insurance	-9999999 to +9999999 cents
Commodity code	101-772
Weekly household expenditure (fine level)	-9999999 to +9999999 cents
WEIGHTS	
Household weight	0-99999999

APPENDIX D

AGGREGATION OF VARIABLES

Variables which have been reduced to avoid the release of identifiable information are set out below.

HOUSING AND HOUSEHOLD COMPOSITION DATA

Family composition of the household: This variable is grouped into the following nine categories.

1. One married couple and no other families (a)
2. One male one-parent family and no other families (a)
3. One female one-parent family and no other families (a)
4. One other type of family and no other families (a)
5. Multiple family household with at least one one-parent family (a)
6. Other multiple family household (a)
7. One person household
8. Household containing two unrelated persons and no families
9. Household containing three or more unrelated persons and no families.

(a) May contain unrelated persons.

Nature of housing occupancy: This variable is grouped into the following four categories.

1. Owned outright
2. Being bought
3. Renting
4. Occupied rent free.

Number of bedrooms in the dwelling: 1, 2, 3, 4, 5 or more.
Number of families in the household: 0, 1, 2 or more.
Number of income units in the household: 1, 2, 3, 4, 5 or more.
Number of registered vehicles in the household: 0, 1, 2, 3, 4, 5 or more.

State of residence: The sample file is designed for users with need for data at the State level. The geographical location of the place of interview is coded to the State (or A.C.T.) level. Northern Territory records have been excluded from the file. No other geographic reference appears on this file and households are randomly ordered.

COUNTS OF PERSONS IN THE HOUSEHOLD

Number of dependent children in the household including full-time students under 20: 0, 1, 2, 3 or more.
Number of dependent children in the household including full-time students under 25: 0, 1, 2, 3, 4 or more.
Number of employed persons in the household: 0, 1, 2, 3, 4 or more.
Number of females in the household: 0, 1, 2, 3, 4, 5 or more.
Number of full-time students aged 15 to 19 in the household: 0, 1, 2 or more.
Number of full-time students aged 20 or more in the household: 0, 1 or more.
Number of males in the household: 0, 1, 2, 3, 4, 5 or more.
Number of non-dependent offspring in the family: 0, 1, 2, 3 or more, not applicable.
Number of non-family persons in the household: 0, 1 or more, not applicable.
Number of pension/benefit recipients in the household: 0, 1, 2, 3 or more.
Number of persons aged less than 5 in the household: 0, 1, 2 or more.
Number of persons aged 5 to 14 in the household: 0, 1, 2, 3, 4 or more.
Number of persons aged 15 to 17 in the household: 0, 1, 2 or more.
Number of persons aged 18 or 19 in the household: 0, 1, 2 or more.
Number of persons aged 20 to 24 in the household: 0, 1, 2, 3 or more.
Number of persons aged 25 to 64 in the household: 0, 1, 2, 3 or more.
Number of persons aged 65 or more in the household: 0, 1, 2 or more.
Number of persons in the household: 1, 2, 3, 4, 5, 6, 7 or more.
Number of persons in the household for whom family allowance is being received: 0, 1, 2, 3, 4 or more.
Number of retired persons in the household: 0, 1, 2 or more.
Number of spenders in the household: 1, 2, 3, 4, 5 or more.
Number of unemployed persons in the household: 0, 1, 2 or more.
Number of usual residents in the household: 0, 1, 2, 3, 4, 5, 6, 7 or more.

DATA DESCRIBING THE HOUSEHOLD HEAD

Age of the household head: Less than 20 years, 5 year age groups to 89 years, 90 years or older.
Country of birth of the household head: Australia, United Kingdom and Ireland and Italy are individually identified. The remainder are grouped to continent level.
Duration of unemployment of the household head in the last 12 months: 0 weeks, 1-5 weeks, 10 week groups to 35 weeks, 36-50 weeks, more than 50 weeks.
Occupation of the household head: C.C.L.O. major groups only with 'Service, sport and recreation workers' and 'Members of the armed forces' combined.
Principal source of the household head's income: This variable is grouped into the following 12 categories.

1. Wage and salary
2. Self employment
3. Superannuation/annuity
4. Investment
5. Compensation/maintenance/student allowance
6. Age/invalid/wife's pension
7. Supporting parent's benefit/widow's pension
8. Unemployment benefit
9. Sickness benefit
10. Veterans Affairs pensions
11. Family/student/child endowment/other government benefit
12. No income

Year of arrival of the household head: Prior to 1950, 10 year groups to 1979, 1980 or later.

DATA DESCRIBING THE SPOUSE

Country of birth of spouse: As for household head.
Year of arrival of spouse: As for household head.

INCOME DATA

All households at the upper limit of 'Total weekly household income from all sources' also had the following income variables adjusted to ensure confidentiality.

Total weekly household income from all sources (gross)
Total weekly household income from government benefits
Total weekly income of the household head
Total weekly income of the spouse
Weekly household child earned income
Weekly household child unearned income
Weekly household income from accident compensation
Weekly household income from age pension
Weekly household income from family allowance
Weekly household income from interest
Weekly household income from invalid pension
Weekly household income from investments
Weekly household income from maintenance/alimony
Weekly household income from government benefits n.e.c.
Weekly household income from own business/self employment
Weekly household income from property rent
Weekly household income from scholarship/study allowance/TEAS
Weekly household income from sickness benefit
Weekly household income from superannuation/annuity
Weekly household income from supporting parent's benefit
Weekly household income from unemployment benefit
Weekly household income from Veterans Affairs pension
Weekly household income from wage and salary
Weekly household income from widow's pension
Weekly household income from wife's pension
Weekly household income from workers compensation
Weekly household income not elsewhere classified

APPENDIX E

ORDER FORMS

1. A guide to completing magnetic tape order forms

(a) Form HES/1 is used for ordering the 1984 Household Expenditure Survey Sample File on magnetic tape and *should be completed by a person with technical knowledge of the computer system to be used to process the file.*

(b) The Form of Undertaking (form HES/2) should be signed by someone authorised to sign legal documents on behalf of the organisation and a copy should be made for the organisation's records.

2. Supply of magnetic tape(s)

(a) You may supply your own reels or purchase reels from the ABS.

(b) Details of labelling standards are given in Appendix A.

(c) If you supply your own reels, each reel should be of high quality magnetic tape, preferably new, 12.7mm (.5inch) wide and 730 metres (2,400feet) long.

(d) Each of your reels must be clearly identified to avoid processing delays.

(e) ABS will initialise all magnetic tapes in its Tape Management System with the details specified by the user on form HES/1. Labelled tapes will be allocated a VSN by ABS. If you are unable to accept an ABS supplied VSN, please contact the ABS as specified in 'E.5' below.

3. Cost

(a) The sample file costs $64.00 which includes freight charges to a destination within Australia. (Overseas customers are required to pay the appropriate freight charge.) Users entitled to 'free service' are not required to pay this charge.

NOTE: If the ABS supplies the magnetic tape a fee of $16.00 a reel is added to your order, whether or not you are entitled to 'free service'.

(b) These prices (as at November, 1986) are subject to change.

4. Ordering procedure

(a) *Forward the order form (HES/1) and signed Form of Undertaking (HES/2) with your crossed cheque for the appropriate amount to*

Supervisor
Social Surveys Processing
Social Branch
Australian Bureau of Statistics
P.O. Box 10
BELCONNEN, A.C.T. 2616.
Telephone (062) 52 6526

Make the cheque payable to the Collector of Public Moneys.

(b) If supplying your own magnetic tape(s), they should accompany the order form (HES/1).

5. Further information

If you have any queries about this service, please telephone or write to:

The Supervisor
Household Expenditure and Income
Social Branch
Australian Bureau of Statistics
P.O. Box 10
BELCONNEN, A.C.T. 2616
Telephone (062) 52 7373.

1984 HOUSEHOLD EXPENDITURE SURVEY SAMPLE FILE

ORDER FORM   **HES/1**

To: Supervisor
     Social Surveys Processing
     Australian Bureau of Statistics
     P.O. Box 10
     BELCONNEN, A.C.T. 2616

1. Please supply the above file on ☐ ABS supplied magnetic tape ($80.00; or $16 if entitled to 'free service')

     OR

     ☐ the magnetic tape enclosed ($64.00; no charge if entitled to 'free service')

          visual identification of your tape

          Brand _____

          Tape number_____

          Other identification _____

   using the following copy option (tick one)

          ☐ ANSI LABELS   * ASCII CODE SET
          ☐ FACOM LABELS   * EBCDIC CODE SET
          ☐ UNLABELLED   * ASCII CODE SET
          ☐ UNLABELLED   * EBCDIC CODE SET

   and expiration date (YYDDD) ☐☐☐☐☐

          If you want permanent protection use 88365

          If you want default 30 day protection, leave expiration date blank.

2. My crossed cheque (No................) for $............... payable to the Collector of Public Moneys is attached (if applicable).

3. Please send the processed reel to: (Block letters please)

   Name_____

   Organisation_____

   Address_____

   _____ Postcode...............

4. OR the processed reel will be collected by:

   Name_____ Telephone...............

5. In case of technical queries about my order, please contact my software programmer:

   Name_____ Telephone...............

   Designation _____

6. I/We agree to the following conditions of issue:

   (a) To use the information on the file for statistical purposes only. A signed Form of Undertaking (HES/2) is attached.

   (b) Statistical tables, graphs, etc. obtained from analysis of these sample files may be further disseminated provided that I/we, or my/our customer, agree:

       (i) to indicate that the ABS is the source of the data used;

       (ii) not to attribute any analysis or transformation of the data to the ABS; and

       (iii) to use the terminology currently used by the ABS for describing data.

   (c) Payment for magnetic tape files must be received in advance of the supply date. Purchase orders are not acceptable.

7. While the utmost care will be taken in preparing and handling each tape, deterioration may occur between the time of copying and receipt of the tape by you. Accordingly, if the tape is unreadable on receipt and this is reported to the ABS within 28 days of its dispatch, it will be recopied free of charge. As an added precaution you are advised to take at least one security copy of the tape on receipt.

   Signature _____ Date   /   /

   Designation _____

ABS USE ONLY

    ABS order number...

    Date received ....

PAYMENT DETAILS

    Cheque from ....

    Cheque No. ....

    Amount ....

    Receipt No. ....

    Signature...   Date..
            (Collector of Public Moneys)

APPROVAL

    Signature...   Date..
            (Assistant Statistician, Social Branch)

PROCESSING DETAILS

    Tape number ....

    Date initialised ....

    Date copied ....

DISPATCH

    Signature...   Date..
            (Person handling order)

UNDERTAKING MADE IN PURSUANCE OF SUB-CLAUSE 7(1) OF THE DETERMINATION UNDER THE CENSUS AND STATISTICS ACT 1905 (STATUTORY RULES 1983, NO. 19)

WHEREAS

(A) Sub-section 13(1) of the Census and Statistics Act 1905 ('the Act') provides for the Minister for the time being administering the Act to make by instrument in writing determinations providing for and in relation to the disclosure with the approval in writing of the Australian Statistician ('the Statistician') of information included in a specified class of information furnished in pursuance of the Act;

(B) 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 a determination ('the determination') being No. 19 of Statutory Rules 1983;

(C) Sub-clause 7(1) of the determination permits upon the terms therein specified disclosure of information, if the Statistician has been given an undertaking of the type specified in sub-clause 7(2) of the determination ('undertaking').

NOW I,* ....

in the† ....

HEREBY UNDERTAKE that I/the Department /the organisation, will use the unidentified individual 1984 Household Expenditure Survey records provided by the Australian Statistician for statistical purposes only.

* Full name and designation
† Name of Department or organisation

Dated this ....day of...19..............

Signature ....

Name of Signatory...

Designation of Signatory ....

CLAUSE 7, STATUTORY RULES 1983, NO. 19

Disclosure of unidentified information

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 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.

(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 the information will be used for statistical purposes only.

SUBSECTIONS 13 (1) AND (2), 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.

(2)   Without limiting the generality of sub-section (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.

SECTION 19 (2), CENSUS AND STATISTICS ACT 1905

(2)   A person who contravenes sub-section (1) or fails to comply with an undertaking of the kind referred to in paragraph 13 (2) (c) given by him in relation to information disclosed to him 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.