1986 INCOME DISTRIBUTION SURVEY AUSTRALIA

(Previously : Income and Housing Survey)

SAMPLE FILE ON MAGNETIC TAPE

INFORMATION PAPER

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IAN CASTLES
Australian Statistician

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SAMPLE FILE ON MAGNETIC TAPE

1. Introduction

This publication provides information concerning the magnetic tape file containing data for the 1986 Income Distribution Survey which is now available.

In the survey, income was collected both on a last financial year basis (in respect of 1985-86) and on a current basis, that is at the time of interview. Details of housing occupancy and costs were collected only on a current basis.

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 sale which are specified in Section 6 of this publication. Subject to the limitations of sample size and geographic identification, it is possible for a user 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.

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 as a single reel of magnetic tape containing four data files. Details of the structure of labels are given in Appendix B.

4. Record structure

File 1   contains two types of records (each 720 characters in length), one for persons and one for income units. The two record types can be identified from character 9 in each record which is set to '1' for income units and '2' for persons.

All person and income unit records are linked through the use of an 8 digit number which relates to a household. Within each household the families are numbered 1, 2, etc., according to relationships determined at the time of interview and all records relating to the same family contain the same family number. In the same way, income units are numbered 1, 2, etc., within each family and all records pertaining to the same income unit contain the same income unit number. Thus all records within a household can be linked through appropriate reference to these numbers to enable family or household data to be obtained.

The data items contained in the file are listed in Appendix C.

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. Further information will be provided with the sample file.

File 4   is a copyright warning file containing twenty-two 80 character records in a 1760 character block.

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 1986 Income Distribution Survey was based on a multistage area sample of private dwellings and a sample of non-private dwellings (hotels, motels, etc.) and covered about one-sixth of one per cent of the population of Australia. 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 person's chance of selection in the survey varied, depending upon the region in which he/she lived. 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 person in the sample. This 'weight' takes account of a person's probability of selection in the sample from his/her region, with an adjustment to account for underenumeration at the age, sex and metropolitan/rest of State level. The 'weights' were derived from the monthly population benchmarks (average September to November 1986) showing the number of persons in each part-of-State, cross-classified by age (13 groups in each State, 12 groups in A.C.T. and 10 groups in N.T.) and sex.

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 persons in each category, not just by counting the number of persons 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 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 an independently estimated distribution of the population by age and sex, rather than to the age and sex distribution within the sample itself.

6. Conditions of sale

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 does not enable the identification of the particular persons to whom 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.

Copyright in the data is in the Commonwealth of Australia. The Form of Undertaking states that clients will not allow access to the unit record data by any other person/organisation. Other potential users of the data for statistical purposes must therefore make separate application to the ABS.

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 sale 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; and

(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; and

(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; and

(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 but not exceeding 8192 characters. Block sizes are not a user option.

5. Initialising arrangements for magnetic tapes

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

6. 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	
	ANSI/ ASCII (b)	*'Standard'/ EBCDIC* (c)	*No Label*	*Labelled by ABS*	*63 RPmm (1600 BPI) (phase encoded)*	*ASCII*	*EBCDIC*
	*(d)			*	*	*	
		*		*	*		*
			*		*	* 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) 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 Figure 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 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 Figure 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 Figure 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 *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.

1	Label name 'VOL'
2	Label number '1'
3	VSN
4	Owner name

Note : Reserved — all blank
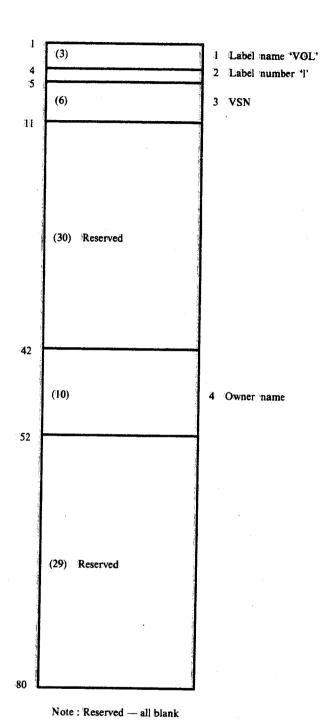
Figure A.2 Standard volume label

Standard format for the first header and trailer labels for a file:

Refer to Figure 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.

Position	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	Expiry date
54		11	Security indicator
55	(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 these data exist.

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 *Expiry 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).

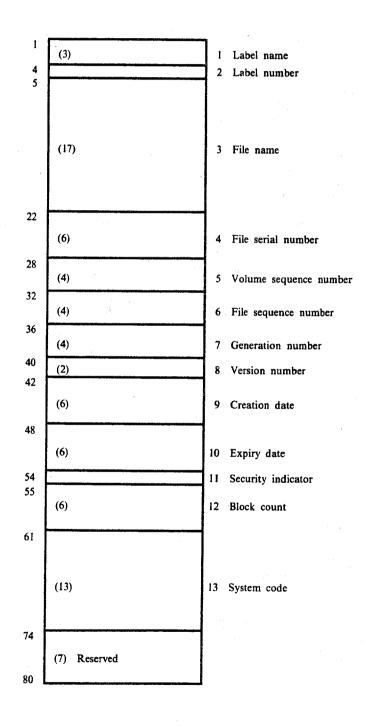13 *System code:* Identifier for system that created the data set. Always 'FACOM OS IV/F4' (13 bytes) for reels created on this operating system.

Standard format for the second header and trailer labels for a file:
Refer to Figure 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'
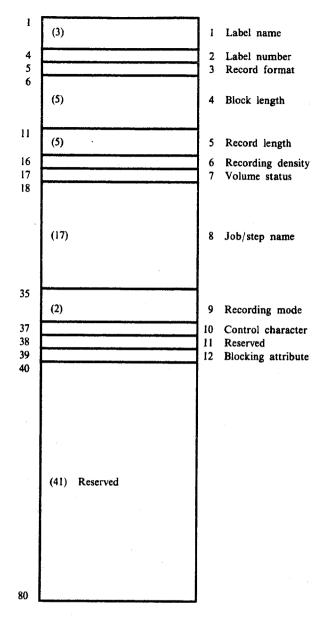
6 *Recording density:*
    3 1600 (9 track)

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

Position	Field (length)		No.	Description
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 Figure A.5.
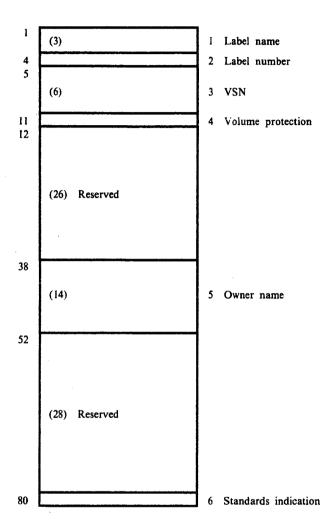
Figure A.5 ANSI volume label

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 *VSN:* 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 Figure A.6. The contents of the fields (1)-(13) in Figure A.6 are the same as those of the FACOM Standard Label (Figure A.3) except for field (11), 'Security indicator'.

Byte	Field	No.	Name
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	Expiry 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.

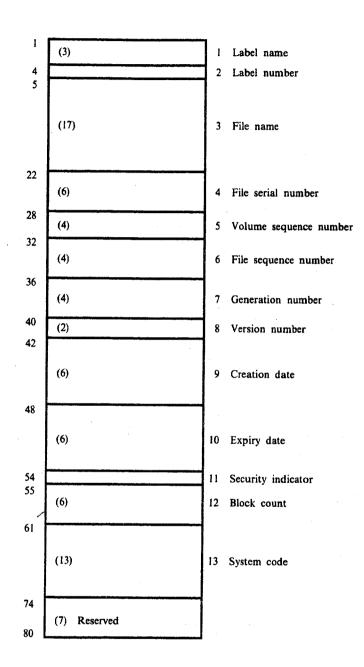**ANSI format for the second header and trailer labels for a file:** Same as FACOM Standard Labels.

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

APPENDIX C

INCOME DISTRIBUTION SURVEY, 1986

LIST OF DATA ITEMS

RECORD : Income unit

Field	Range of codes
DATA ITEM GROUP : IDENTIFYING ITEMS	
Family number	0-9
Household number	0-99999999
Income unit number	0-9
Record identifier	3
DATA ITEM GROUP : ACCOMMODATION	
Amount currently owing on home loan or mortgage	$0-999999
Amount paid in rates per year including water and sewerage	$0-999999
Current sale price of dwelling	$0-999999
Current weekly home loan repayments	$0-999999
Current weekly rent/board payments	$0-999999
Dwelling type	0-6,9
Nature of housing occupancy	0-13
Number of bedrooms used by the household	0-5
DATA ITEM GROUP : INCOME UNIT DESCRIPTION	
* Age of head	0-15
* Age of spouse	1-15
Age of youngest child under 15 in the income unit	0-14,99
* Country of birth of head	1-8
* Country of birth of spouse	1-8
Income unit type (current)	0-4
* Marital status of head	0-3
* Number of dependent children aged 00 to 04 in the income unit	0-4
* Number of dependent children aged 05 to 09 in the income unit	0-4
* Number of dependent children aged 10 to 12 in the income unit	0-4
* Number of dependent children aged 13 to 14 in the income unit	0-4
* Number of dependent children aged 15 to 20 in the income unit	0-4
* Number of dependent children in the income unit	0-6
Number of persons aged 0 to 14 in the income unit	0-4
Number of persons aged 15 to 64 in the income unit	0-4
Number of persons aged 65 to 99 in the income unit	0-4

* The detail for this item 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.

INCOME DISTRIBUTION SURVEY, 1986

LIST OF DATA ITEMS

RECORD : Income unit

Field	Range of codes

DATA ITEM GROUP : INCOME UNIT DESCRIPTION - Continued

Number of persons in the income unit.	0-13
Sex of head .	0-2
* Year of arrival of head .	0-5
* Year of arrival of spouse	0-5

DATA ITEM GROUP : EXCLUSION INDICATORS

Family exclusion indicator .	1-3
Household exclusion indicator	1-3
Income unit exclusion indicator .	1-3
Upper level exclusion indicator .	0-1

DATA ITEM GROUP : GEOGRAPHIC ITEMS

* State of enumeration.	1-7

DATA ITEM GROUP : INCOME FROM GOVT PENSIONS AND BENEFITS

Annual 1985-86 income from age pension .	$0-999999
Annual 1985-86 income from disability pension	$0-999999
Annual 1985-86 income from family allowance .	$0-999999
Annual 1985-86 income from family income supplement .	$0-999999
Annual 1985-86 income from govt pensions and benefits not elsewhere included	$0-999999
Annual 1985-86 income from handicapped child allowance	$0-999999
Annual 1985-86 income from invalid pension .	$0-999999
Annual 1985-86 income from overseas govt pensions and benefits .	$0-999999
Annual 1985-86 income from secondary assistance scheme	$0-999999
Annual 1985-86 income from service pension .	$0-999999
Annual 1985-86 income from sickness benefit .	$0-999999
Annual 1985-86 income from special benefit .	$0-999999
Annual 1985-86 income from supporting parent's benefit .	$0-999999
Annual 1985-86 income from tertiary education assistance scheme	$0-999999
Annual 1985-86 income from unemployment benefit .	$0-999999
Annual 1985-86 income from war widow's pension	$0-999999
Annual 1985-86 income from widow's pension .	$0-999999
Annual 1985-86 income from wife's/carer's pension	$0-999999
Current weekly income from age pension .	$0-999999
Current weekly income from disability pension	$0-999999
Current weekly income from family allowance .	$0-999999

* The detail for this item 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.

INCOME DISTRIBUTION SURVEY, 1986

LIST OF DATA ITEMS

RECORD : Income unit

Field	Range of codes
DATA ITEM GROUP : INCOME FROM GOVT PENSIONS AND BENEFITS - Continued	
Current weekly income from family income supplement . . .	$0-999999
Current weekly income from govt pensions and benefits not elsewhere included	$0-999999
Current weekly income from handicapped child allowance . .	$0-999999
Current weekly income from invalid pension	$0-999999
Current weekly income from overseas govt pensions and benefits	$0-999999
Current weekly income from secondary assistance scheme . .	$0-999999
Current weekly income from service pension	$0-999999
Current weekly income from sickness benefit	$0-999999
Current weekly income from special benefit	$0-999999
Current weekly income from supporting parent's benefit . .	$0-999999
Current weekly income from tertiary education assistance scheme	$0-999999
Current weekly income from unemployment benefit . . .	$0-999999
Current weekly income from war widow's pension . . .	$0-999999
Current weekly income from widow's pension	$0-999999
Current weekly income from wife's/carer's pension . . .	$0-999999
Per cent of annual 1985-86 income received from govt pensions and benefits.	0-102
Per cent of current weekly income received from govt pensions and benefits.	0-102
Total annual 1985-86 income from govt pensions and benefits (excl concessions)	$0-999999
Total current weekly income from govt pensions and benefits (excl concessions)	$0-999999
DATA ITEM GROUP : INCOME FROM BUSINESS AND TRUSTS	
Annual 1985-86 business loss from own non-ltd liabil bus/trust pre tax after expenses deducted. . . .	$0-999999
Annual 1985-86 income from own non-ltd liabil bus/trust pre tax but after expenses deducted	$0-999999
Current weekly business loss from own non-ltd liabil bus/trust pre tax after expenses deducted. . . .	$0-999999
Current weekly income from own non-ltd liabil bus/trust pre tax but after expenses deducted	$0-999999
DATA ITEM GROUP : SUMMARY INCOME VARIABLES	
Principal source of annual income during 1985-86. . . .	0-9
Principal source of current weekly income	0-8

INCOME DISTRIBUTION SURVEY, 1986

LIST OF DATA ITEMS

RECORD : Income unit

Field	Range of codes
DATA ITEM GROUP : SUMMARY INCOME VARIABLES — Continued	
Total annual 1985-86 income from all sources.	$0-999999
Total current weekly income from all sources.	$0-999999
DATA ITEM GROUP : INCOME FROM OTHER REGULAR PAYMENTS	
Annual 1985-86 income from annuities —regular payments	$0-999999
Annual 1985-86 income from any regular source not elsewhere included	$0-999999
Annual 1985-86 income from director's fees (not included in w/s income)	$0-999999
Annual 1985-86 income from financial support from relatives —regular payments	$0-999999
Annual 1985-86 income from first home owners scheme —regular payments.	$0-999999
Annual 1985-86 income from maintenance/alimony —regular payments	$0-999999
Annual 1985-86 income from road accident compensation —regular payments.	$0-999999
Annual 1985-86 income from terminaton of employment —regular payments.	$0-999999
Annual 1985-86 income from workers' compensation, accident or sickness insurance —regular payment	$0-999999
Current weekly income from annuities.	$0-999999
Current weekly income from first home owners scheme .	$0-999999
Current weekly income from maintenance/alimony	$0-999999
Current weekly income from road accident compensation	$0-999999
Current weekly income from workers' compensation, accident or sickness insurance	$0-999999
Source of other annual income not elsewhere included during 1985-86	0-21,99
Total annual 1985-86 income from other regular payments	$0-999999
Total current weekly income from other regular payments	$0-999999
DATA ITEM GROUP : INCOME FROM PERSONAL INVESTMENTS	
Annual 1985-86 inc from interest—fin inst,govt bonds,loans,securs,debens,pers loans to others	$0-999999
Annual 1985-86 income from dividends, not own ltd liability co	$0-999999
Annual 1985-86 income from dividends, own ltd liability co	$0-999999
Annual 1985-86 income from interest on property, cash management and unit trusts	$0-999999

INCOME DISTRIBUTION SURVEY, 1986

LIST OF DATA ITEMS

RECORD : Income unit

Field	Range of codes

DATA ITEM GROUP : INCOME FROM PERSONAL INVESTMENTS - Continued

Annual 1985-86 income from rent after expenses deducted . . $0-999999
Annual 1985-86 taxable profit from the sale of property
  or items $0-999999
Total annual 1985-86 income from personal investments . . $0-999999
Total current weekly income from personal investments . . $0-999999

  DATA ITEM GROUP : INCOME FROM SUPERANNUATION

Annual 1985-86 income from superannuation $0-999999
Current weekly income from superannuation $0-999999

  DATA ITEM GROUP : INCOME FROM WAGES OR SALARY

Total annual 1985-86 inc from w/s(from own llc and as
  employee)(incl leave load,tips,comms,bons) $0-999999
Total current usual weekly income from wages or salary
  from main and second job $0-999999

  DATA ITEM GROUP : TAXATION

Amount of tax paid or payable for 1985-86 . . . . . $0-999999

  DATA ITEM GROUP : WEIGHTS

Weight for income units (needs division by 10,000) . . .0-99999999

INCOME DISTRIBUTION SURVEY, 1986

LIST OF DATA ITEMS

RECORD : Person

Field	Range of codes

DATA ITEM GROUP : IDENTIFYING ITEMS

Family number	0-9
Household number.	.0-99999999
Income unit number	0-12
Person number	0-99
Record identifier	4

DATA ITEM GROUP : ACCOMMODATION

Amount currently owing on home loan or mortgage	$0-999999
Amount paid in rates per year including water and sewerage	$0-999999
Current sale price of dwelling	$0-999999
Current weekly home loan repayments	$0-999999
Current weekly rent/board payments	$0-999999
Dwelling type	0-6
Nature of housing occupancy	0-5
Number of bedrooms used by the household.	0-5

DATA ITEM GROUP : PERSON DESCRIPTION

* Age	1-15
* Country of birth.	1-8
Family relationship code.	0-13
Family type	0-6
Household type	0-10
Income unit type.	0-6
* Marital status	1-3
Number of months during 1985-86 when person was in current marital status	.1-12,97-99
Number of weeks away from Australia during 1985-86	0-6
Position in family - relationship to the family head.	0-6
Position in household - relationship to the household head	0-7
Position in income unit - relationship to the income unit head.	0-4
Sex	0-2
Type of resident.	1-4
* Year of arrival in Australia.	0-5

DATA ITEM GROUP : EDUCATION

Age left school	0-8

* The detail for this item 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.

INCOME DISTRIBUTION SURVEY, 1986

LIST OF DATA ITEMS

RECORD : Person

Field	Range of codes

DATA ITEM GROUP : EDUCATION — Continued

Current study status.	0-5
Highest educational qualification	0-9
Main field of study in highest qualification since leaving school	0-29
Study status during 1985-86	0-8

DATA ITEM GROUP : EXCLUSION INDICATORS

Person exclusion indicator	1-3

DATA ITEM GROUP : GEOGRAPHIC ITEMS

* State of enumeration.	1-7

DATA ITEM GROUP : INCOME FROM GOVT PENSIONS AND BENEFITS

Annual 1985-86 income from age pension	$0-999999
Annual 1985-86 income from disability pension	$0-999999
Annual 1985-86 income from family allowance	$0-999999
Annual 1985-86 income from family income supplement	$0-999999
Annual 1985-86 income from govt pensions and benefits not elsewhere included	$0-999999
Annual 1985-86 income from handicapped child allowance	$0-999999
Annual 1985-86 income from invalid pension	$0-999999
Annual 1985-86 income from overseas govt pensions and benefits	$0-999999
Annual 1985-86 income from secondary assistance scheme	$0-999999
Annual 1985-86 income from service pension	$0-999999
Annual 1985-86 income from sickness benefit	$0-999999
Annual 1985-86 income from special benefit	$0-999999
Annual 1985-86 income from supporting parent's benefit	$0-999999
Annual 1985-86 income from tertiary education assistance scheme	$0-999999
Annual 1985-86 income from unemployment benefit	$0-999999
Annual 1985-86 income from war widow's pension	$0-999999
Annual 1985-86 income from widow's pension	$0-999999
Annual 1985-86 income from wife's/carer's pension	$0-999999
Current weekly income from age pension	$0-999999
Current weekly income from disability pension	$0-999999
Current weekly income from family allowance	$0-999999
Current weekly income from family income supplement	$0-999999
Current weekly income from govt pensions and benefits not elsewhere included	$0-999999

* The detail for this item 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.

INCOME DISTRIBUTION SURVEY, 1986

LIST OF DATA ITEMS

RECORD : Person

Field	Range of codes
DATA ITEM GROUP : INCOME FROM GOVT PENSIONS AND BENEFITS - Continued	
Current weekly income from handicapped child allowance	$0-999999
Current weekly income from invalid pension	$0-999999
Current weekly income from overseas govt pensions and benefits	$0-999999
Current weekly income from secondary assistance scheme	$0-999999
Current weekly income from service pension	$0-999999
Current weekly income from sickness benefit	$0-999999
Current weekly income from special benefit	$0-999999
Current weekly income from supporting parent's benefit	$0-999999
Current weekly income from tertiary education assistance scheme	$0-999999
Current weekly income from unemployment benefit	$0-999999
Current weekly income from war widow's pension	$0-999999
Current weekly income from widow's pension	$0-999999
Current weekly income from wife's/carer's pension	$0-999999
Number of weeks age pension received in 1985-86	0-52
Number of weeks disability pension received in 1985-86	0-52
Number of weeks family allowance received in 1985-86	0-52
Number of weeks family income supplement received in 1985-86	0-52
Number of weeks govt pensions and benefits not elsewhere included received in 1985-86	0-52
Number of weeks handicapped child allowance received in 1985-86	0-52
Number of weeks invalid pension received in 1985-86	0-52
Number of weeks overseas govt pensions and benefits received in 1985-86	0-52
Number of weeks secondary assistance received in 1985-86	0-52
Number of weeks service pension received in 1985-86	0-52
Number of weeks sickness benefit received in 1985-86	0-52
Number of weeks special benefit received in 1985-86	0-52
Number of weeks supporting parent's benefit received in 1985-86	0-52
Number of weeks tertiary education assistance received in 1985-86	0-52
Number of weeks unemployment benefit received in 1985-86	0-52
Number of weeks war widow's pension received in 1985-86	0-52
Number of weeks widow's pension received in 1985-86	0-52
Number of weeks wife's/carer's pension received in 1985-86	0-52
Per cent of annual 1985-86 income received from govt pensions and benefits	0-101

INCOME DISTRIBUTION SURVEY, 1986

LIST OF DATA ITEMS

RECORD : Person

Field	Range of codes

DATA ITEM GROUP : INCOME FROM GOVT PENSIONS AND BENEFITS - Continued

Per cent of current weekly income received from govt
   pensions and benefits. 0-101
Total annual 1985-86 income from govt pensions and
   benefits (excl concessions) $0-999999
Total current weekly income from govt pensions and
   benefits (excl concessions) $0-999999

DATA ITEM GROUP : INCOME FROM BUSINESS AND TRUSTS

Annual 1985-86 business loss from own non-ltd liabil
   bus/trust pre tax after expenses deducted.   .   .   . $0-999999
Annual 1985-86 income from own non-ltd liabil bus/trust
   pre tax but after expenses deducted $0-999999
Current weekly business loss from own non-ltd liabil
   bus/trust pre tax after expenses deducted.   .   .   . $0-999999
Current weekly income from own non-ltd liabil bus/trust
   pre tax but after expenses deducted $0-999999
Type of trust held during 1985-86   0-3

DATA ITEM GROUP : SUMMARY INCOME VARIABLES

Principal source of annual income during 1985-86.   0-8
Principal source of current weekly income   0-8
Total annual 1985-86 income from all sources.   .   .   . $0-999999
Total current weekly income from all sources.   .   .   . $0-999999

DATA ITEM GROUP : INCOME FROM OTHER REGULAR PAYMENTS

Annual 1985-86 inc from workers' compensation, accident
   or sickness insurance -reg payments $0-999999
Annual 1985-86 income from annuities -regular payments .   . $0-999999
Annual 1985-86 income from any reg source not elsewhere
   incl $0-999999
Annual 1985-86 income from director's fees (not included
   in w/s income) $0-999999
Annual 1985-86 income from financial support from
   relatives -regular payments $0-999999
Annual 1985-86 income from first home owners scheme
   -regular payments. $0-999999
Annual 1985-86 income from maintenance/alimony -regular
   payments $0-999999
Annual 1985-86 income from road accident compensation
   -regular payments. $0-999999

INCOME DISTRIBUTION SURVEY, 1986

LIST OF DATA ITEMS

RECORD : Person

Field	Range of codes

DATA ITEM GROUP : INCOME FROM OTHER REGULAR PAYMENTS - Continued

Annual 1985-86 income from termination of employment -regular payments.	$0-999999
Current weekly income from annuities.	$0-999999
Current weekly income from first home owners scheme .	$0-999999
Current weekly income from maintenance/alimony	$0-999999
Current weekly income from road accident compensation	$0-999999
Current weekly income from workers' compensation, accident or sickness insurance	$0-999999
Number of weeks first home owners scheme payments received during 1985-86	0-52
Source of other annual income not elsewhere included during 1985-86	0-22,99
Total annual 1985-86 income from other regular payments .	$0-999999
Total current weekly income from other regular payments .	$0-999999

DATA ITEM GROUP : INCOME FROM PERSONAL INVESTMENTS

Annual 1985-86 inc from interest-fin inst,govt bonds,loans,securs,debens,pers loans to others	$0-999999
Annual 1985-86 income from dividends, not own ltd liability co	$0-999999
Annual 1985-86 income from dividends, own ltd liability co	$0-999999
Annual 1985-86 income from interest on property ,cash management and unit trusts	$0-999999
Annual 1985-86 income from rent after expenses deducted .	$0-999999
Annual 1985-86 taxable profit from sale of property or items.	$0-999999
Total annual 1985-86 income from personal investments	$0-999999
Total current weekly income from personal investments	$0-999999

DATA ITEM GROUP : INCOME FROM SUPERANNUATION

Amount of last lump sum superannuation payment received before July 1985 .	$0-999999
Annual 1985-86 income from superannuation	$0-999999
Current weekly income from superannuation	$0-999999
Type of current superannuation scheme	0-7
Whether superannuation was rolled over or transferred	0-4
Year when last lump sum superannuation was received before July 1985 .	0-86

INCOME DISTRIBUTION SURVEY, 1986

LIST OF DATA ITEMS

RECORD : Person

Field	Range of codes

DATA ITEM GROUP : INCOME FROM WAGES OR SALARY

Annual 1985-86 income from w/s (as employee)(incl leave load, tips, comms, bons)	$0-999999
Annual 1985-86 income from wages or salary (from own ltd liabil co)(incl tips).	$0-999999
Current usual weekly income from wages or salary from main job	$0-999999
Current usual weekly income from wages or salary from second job	$0-999999
Total annual 1985-86 inc from w/s(from own llc and as employee)(incl leave load,tips,comms,bons) . . .	$0-999999
Total current usual weekly income from wages or salary from main and second job	$0-999999

DATA ITEM GROUP : LABOUR FORCE

Full-time/part-time status in current main & second jobs. . .	0-2
Full-time/part-time status in current main job	0-2
* Industry in current main job.	0-13
* Industry in main job during 1985-86	0-13
* Industry sector for current main job.	0-2,9
* Industry sector for main job in 1985-86	0-2,9
Labour force status for all jobs during 1985-86	0-5
Labour force status in current main & second jobs . . .	0-4
Labour force status/status of worker in current main job. .	0-6
Labour force status/status of worker in current second job	0-6
Number of hours usually worked p/w in current main and second job	0-51
Number of hours usually worked p/w in current main job . .	0-51
Number of hours usually worked p/w in current second job. .	0-51
Number of hours worked p/w for wages/sal (as employee) during 1985-86	0-51
Number of hours worked p/w for wages/sal (in own ltd liabil co) during 1985-86.	0-51
Number of hours worked p/w in own non-ltd liabil bus/trust during 1985-86	0-51
Number of separate periods looked for work while not working during 1985-86	0-6
Number of weeks during 1985-86 without a job, business or trust	0-52
Number of weeks unemployed during 1985-86	0-52

* The detail for this item 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.

INCOME DISTRIBUTION SURVEY, 1986

LIST OF DATA ITEMS

RECORD : Person

Field	Range of codes

DATA ITEM GROUP : LABOUR FORCE – Continued

Number of weeks worked during 1985-86	0-52
Number of weeks worked for wages/sal (as employee) during 1985-86	0-52
Number of weeks worked for wages/sal (in own ltd liabil co) during 1985-86	0-52
Number of weeks worked full time during 1985-86	0-52
Number of weeks worked in own non-ltd liability bus/trust during 1985-86	0-52
Number of weeks worked part time only during 1985-86. . . .	0-52
* Occupation in current main job	0-8
* Occupation in current second job.	0-8
* Occupation in main job during 1985-86	0-8

DATA ITEM GROUP : TAXATION

| Amount of tax paid or payable for 1985-86 . . . . . | $0-999999 |

DATA ITEM GROUP : WEIGHTS

| Weight for persons (needs division by 10,000) . . . | .0-99999999 |

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* The detail for this item has been reduced to preserve the confident-
iality of individuals and/or because the data at a more detailed level
would be unreliable for most practical purposes.

APPENDIX D

AGGREGATION OF VARIABLES

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

Income and tax

All income and tax data items were subject to a random adjustment to avoid the inadvertent release of identifiable information. The random adjustment will not significantly affect the validity of any analysis undertaken on the data set. However, estimates produced from this file will vary to a small degree from the equivalent ABS published data.

Geographical area 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 following areas:

(a) for all States — total State; and

(b) Australian Capital Territory and Northern Territory — combined.

No other geographic reference appears on this file and records are randomly ordered within each of the above geographic areas.

Age

15 years, 16-17 years, 18-20 years, 21-24 years;

25 years and over — 5 year age-groups to 74 years, 75 years and over.

Country of birth

Australia, United Kingdom and Ireland, Italy, Other Europe, Asia, North and South America (combined), Africa, Oceania.

Year of arrival in Australia

Prior to 1950, 10 year groups to 1979, 1980 onwards.

Occupation

Managers and administrators
Professionals
Para-professionals
Tradespersons
Clerks
Sales persons and personal service workers
Plant and machine operators, and drivers
Labourers and related workers

Industry

Agriculture, forestry, fishing and hunting
Mining
Manufacturing
Electricity, gas and water
Construction
Wholesale and retail trade
Transport and storage
Communication
Finance, property and business services
Public administration and defence
Community services
Recreation, personal and other services

Number of dependent children by age group

1,2,3,4 or more.

Number of dependent children

1,2,3,4,5,6 or more.

Marital status

Married (includes de facto relationships)
Not married (includes separated, divorced and widowed persons)
Never married

APPENDIX E

ORDER FORMS

1. A guide to completing magnetic tape order forms

(a) Form IDS86/1 is used for ordering the 1986 Income Distribution 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 IDS86/2) 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. Cost

(a) The sample file costs $2,000.00 plus a service charge of $50.00 per order which includes freight charges to a destination within Australia. (Overseas customers are required to pay the appropriate freight charge.)

(b) These prices are subject to change.

3. Ordering procedure

(a) *Forward the order form (IDS86/1) and signed Form of Undertaking (IDS86/2) with your crossed cheque for the appropriate amount to:*

      Collector of Public Moneys
      Australian Bureau of Statistics
      P.O. Box 10
      Belconnen, A.C.T. 2616

Make the cheque payable to the Collector of Public Moneys.

4. Further information

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

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

1986 INCOME DISTRIBUTION SURVEY SAMPLE FILE

ORDER FORM

IDS86/1

To: Collector of Public Moneys
    Australian Bureau of Statistics
    P.O. Box 10
    Belconnen, A.C.T. 2616

1. Please supply the above file on magnetic tape ($2,000.00 plus a service charge of $50.00 per order)

   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 expiry date (YYDDD). ☐☐☐☐☐

     If you want permanent protection use 99365.

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

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

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 sale:

   (a) to use the information on the file for statistical purposes only. **A signed Form of Undertaking (IDS86/2) 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; and

   (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 number ....

Amount ....

Receipt number ....

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)

IDS86/2

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) Subsection 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:

(a) will use the unidentified individual 1986 Income Distribution Survey records provided by the Australian Statistician for statistical purposes only; and

(b) will not allow access to the 1986 Income Distribution Survey records by any other person not employed by† ....

    * 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 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.

SECTION 19 (2), CENSUS AND STATISTICS ACT 1905

(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 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.