MINC4:

MINCOME LONGITUDINAL LABOUR DATA FILE

March 22, 1984

PREFACE

Longitudinal data are difficult to present in formats which may be conveniently accessed by the statistical software in use by social scientists. Most statistical computing programs, and indeed statistical theory generally expects that "data" will be represented as a series of flat files or two dimensional matrices.

Data from panel studies, where there is considerable replication of the same variables across time, necessitate the construction of record format layouts that compromise elegance and economy of storage with ease of access and comprehension by the researcher. The variables in the MINCOME longitudinal files (MINC2-6) index both the question (more precisely the unique response) generated by the respondent and the survey. Since there was some fluctuation from survey to survey in which questions were "cycled" in and out of the panel, particular attention must be paid to the content of the survey at each point in time.

The general format for each variable in MINC4 and MINC5 is:

XXXYY

where XXX is a generic name, more or less indicating that the question remained stable throughout and YY indexing the survey. Thus, although longitudinal file may have over a thousand variables, the number of actual "variables" is much lower since there is considerable replication for individual surveys.

The general format for MINC4 and MINC5 is as follows:

Header	VARA1, ..., VARA11	... VARN1,	........, VARN11

Family Id   Variable A (Survey 1-11)   .. Variable N (Survey 1-11)

Where there are missing fields (most commonly generated by the response "not applicable") the entire field will be coded with a -999.

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1. MINCOME LONGITUDINAL LABOUR DATA FILE

1.1 INTRODUCTION

MINC4 contains 338 variables constructed from the 11 major surveys undertaken by the MINCOME guaranteed annual income experiment. These can be classified as:

Household Header	:26 variables
Male Head (if present)	:2 header variables :14 labour market variables per survey (for each of 11 surveys) (154 total)
Female Head (if present)	:2 header variables :14 labour market variables per survey (for each of 11 surveys) (154 total)

Double-headed households contain information on both the male and female heads.

1.2 THE SAMPLE

Observations in this file are from the Winnipeg Site only and include intact households [i.e., households in which there was no head split (divorce/separation) or head join (marriage including common law)] from surveys 1 through 11. Two types of households are included in this file:

Completions: these households completed all 11 surveys;

Non-Completions: these households left the experiment before survey 11 due to a refusal, a move or other reason. The surveys which were not completed have all fields set to -9 (missing).

Households are composed of three family types:

1. Double-Headed: both male and female head present with or without any children;

2. Single-Headed: only one head, usually female, with one or more children; and

3. Single Individuals: only one head present with no children.

The following two-way table provides a summary of the sample size on file by "completion status" and family type at time of Survey 1:

	Completion	Non-Completion	Total
Double-Headed	344	357	701
Single-Headed	107	108	215
Single-Individuals	139	235	374
Total	590	700	1290

The households in this file do not comprise a random sample of Winnipeg but only "low-income" households. The first survey conducted by Mincome (the screener) was short and aimed at capturing income and family composition information only. Conducted in the latter part of 1973, this survey was used to eliminate ineligible households including:

1. Households with either head over 57 years of age as of September 1, 1974;

2. Households with an average 1972/1973 yearly income adjusted to a family of size 4, in excess of $13,000.00;

3. Mentally incompetent households;

4. Households with a language barrier to answering in English;

5. Households with one or more heads in the armed forces;

6. Households with disabled adult members;

7. Members of a religious order;

8. Institutionalized households;

9. Employees of MINCOME Manitoba; and

10. Households with more than 5 roommates living in the same dwelling.

A subset of the remaining household was administered the first major survey (the baseline) in the latter half of 1974 (See MINC1: MINCOME Baseline Summary File). The households on MINC4 include a subset of those who completed the baseline interview, excluding any households whose "permanent" income, adjusted to a family size of four was estimated to be over $13,000.00. For more details on the actual selection probabilities for households the reader is referred to: Technical Report No. 6 - Sample Development Over Time, Participation and Attrition.

1.3 THE VARIABLES - GENERAL FORMAT

1. A variable is assigned the value of -7 if one or more of the components needed to create the variable was coded as:

    a. missing,
    b. don't know, or
    c. refused to answer that field

2. A variable is assigned the value of -999 if the variable does not apply to the household or the individual (for example, all male head fields are set to -999 if there is no male head).

3. For non-completions all variables are set to -999 at the point of departure from the experiment and for all subsequent surveys.

4. There are no decimal places for any of the fields on file. Certain fields are multiplied by 10 or 100 to preserve the accuracy (wage rates, hours) while others are rounded to the nearest dollar.

5. While the time period between surveys is roughly four months, this varies among households. Logistics precluded surveying everyone at a single point in time. In general, households positioned at the beginning of a survey would remain in that same relative position throughout their participation in the experiment. Care must be exercised in constructing a longitudinal record as the date of interview is the key positioning variable in such reconstruction. Users are encouraged to consult with the Institute on the options available for longitudinal analysis.

6. It should be noted that each survey does not cover the same period for every household and that the length of time covered by a survey varies across households. An attempt was made to cover a certain four-month period with each survey.

7. The file is arranged with all intact completions followed by all the intact non-completions.

2. VARIABLES ON FILE

2.1 VARIABLES IN THE LONGITUDINAL LABOUR DATA FILE

Header (Household) Information

Field	Name	Description
1.	FAMNUM	Family Number
2.	PLAN	Treatment Plan
3.	ATTRIT	Attrition Code
4.	FTYPE	Family Type Code
5.-15.	DI1 to DI11	Date of Interview (Surveys 1-11)
16.-26.	DLI1 to DLI11	Date of Last Interview (Surveys 1-11)

Male Head Information

Field	Name	Description
27.	OFNNUM	Original identification
28.	CURMN	Current member number
29.-39.	HOURS1 to HOURS11	Total hours worked (Surveys 1-11)
40.-50.	WAGE1 to WAGE11	Hourly wage rate (Surveys 1-11)
51.-61.	JOBS1 to JOBS11	Number of jobs in each survey (Surveys 1-11)
62.-72.	OCCC1 to OCCC11	Occupation code (Surveys 1-11)
73.-75.	UEMST11 to UEMST13	Unemployment start dates 1-3 (Survey 1)
76.-78.	UEMST21 to UEMST23	Unemployment start dates 1-3 (Survey 2)
.	.	.
.	.	.
.	.	.
103.-105.	UEMST111 to UEMST113	Unemployment start dates 1-3 (Survey 11)
106.-108.	UEMEN11 to UEMEN13	Unemployment end dates 1-3 (Survey 1)
.	.	.
.	.	.
.	.	.
136.-138.	UEMEN111 to UEMEN113	Unemployment end dates 1-3 (Survey 11)
139.-141.	UEMR11 to UEMR13	Unemployment reason 1-3 (Survey 1)
.	.	.
.	.	.
.	.	.
169.-171.	UEMR111 to UEMR113	Unemployment reason 1-3 (Survey 11)
172.-182.	WKUIC1 to WKUIC11	Number of weeks on UIC (Surveys 1-11)

Female Head Information

Field	Name	Description
-----	----	-----------
183.	FOFNN	Original identification
184.	FCURMN	Current member number
185.-195.	FHOURS1 to FHOURS11	Total hours worked (Surveys 1-11)
196.-206.	FWAGE1 to FWAGE11	Hourly wage rate (Surveys 1-11)
207.-217.	FJOBS1 to FJOBS11	Number of jobs in each survey (Surveys 1-11)
218.-228.	FOCCC1 to FOCCC11	Occupation code (Surveys 1-11)
229.-231.	FUMST11 to FUMST13	Unemployment start date 1-3 (Survey 1)
.	.	.
.	.	.
.	.	.
259.-261.	FUMST111 to FUMST113	Unemployment start dates 1-3 (Survey 1)
262.-264.	FUMEN11 to FUMEN13	Unemployment end dates 1-3 (Survey 1)
.	.	.
.	.	.
.	.	.
292.-294.	FUMEN111 to FUMEN113	Unemployment end dates 1-3 (Survey 11)
295.-297.	FUMR11 to FUMR13	Unemployment reason 1-3 (Survey 1)
.	.	.
.	.	.
.	.	.
325.-327.	FUMR111 to FUMR113	Unemployment reason 1-3 (Survey 11)
328.-338.	FWKUIC1 to FWKUIC11	Number of weeks on UIC (Surveys 1-11)

2.2 DETAILED DESCRIPTION OF VARIABLES AND VALUES

Note, expressions following are variables as defined in column 1, Table 1.

2.2.1 Header (Household) Variables

1. Field #1: Family Number
    A five-digit family number assigned at the Screener

2. Field #2: Treatment Plan
    Designate the treatment assigned to at enrollment (Survey 2).
    The annual guarantee level and tax rate (at time of enrollment)
    was as follows for each of the codes.

Value	Definition

1:	annual guarantee = $3800.00, negative tax rate = .35
2:	= $4800.00, = .35
3:	= $3800.00, = .50
4:	= $4800.00, = .50
5:	= $5800.00, = .50
6:	= $3800.00, = .75
7:	= $4800.00, = .75
8:	= $5800.00, = .75
9:	control group

(See MINCOME User Manual for more details.)

3. Field #3: Attrition Code
    Indicates when (if ever) and why the household left the experi-
    ment prior to survey 11. The variable has the following possible
    values:

Values	Reason for Attrition	Survey of Attrition
0:	household completed all surveys	
1:	household refused after survey	1
2:		2
3:		3
4:		4
5:		5
6:	household refused after survey	6
7:		7
8:		8
9:		9
10:		10
11:	household no longer interviewable after survey	1
12:		2
13:		3
14:		4
15:		5
16:		6
17:		7
18:		8
19:		9
20:		10
21:	household moved (address unknown) after survey	1
22:		2
23:		3
24:		4
25:		5
26:		6
27:		7
28:		8
29:		9
30:		10

```
31:   interviews discontinued (other reasons) after survey   1
32:                                                           2
33:                                                           3
34:                                                           4
35:                                                           5
36:                                                           6
37:                                                           7
38:                                                           8
39:                                                           9
40:                                                          10
41:   household moved (address known) after survey            1
42:                                                           2
43:                                                           3
44:                                                           4
45:                                                           5
46:                                                           6
47:                                                           7
48:                                                           8
49:                                                           9
50:                                                          10
```

4. Field #4:   Family Type Code:
                = 2 for double-headed household
                = 1 for single-headed household
                = 0 for single individuals

5. Field #5 to Field #15:   Date of Interview (Surveys 1 to 11):
                             Number of days from January 1,   1974 to the date of
                             interview.

16. Field #16 to Field #26: Date of Last Interview (Surveys 1 to 11):
                              Number of days from January 1, 1974 to the date of
                              last interview.   This field takes on the value 1
                              for the first survey (i.e., DLI1 = 1).

2.2.2 Male and Female Head Variables

27. Field #27 (male)   Original Identification:
     and #183 (female):   The family number with a unique two-digit original
                              member number added.   (See MINCOME User Manual)

28. Field #28   Current Member Number:
     and #184:   Less than 20 for male head and greater than or equal
                              to 20 for female head.

29. Field #29 to 39   Total Hours Worked (Surveys 1 to 11):
     and #185 to 195:   The sum of hours worked at all jobs (including over-
                              time) for the survey reference period.

40. Fields #40 to 50   Hourly Wage Rate (Survey 1 to 11):
     and #196 to 206:   Average hourly wage rate, (weighted over all jobs by
                              total hours worked on each jobs).   The conversion
                              factors used were as follows:

daily to hourly = WR/8
                                          weekly to hourly = WR/40
                                          monthly to hourly = WR/173
                                          yearly to hourly = WR/2080

51. Fields #51 to 61   Number of jobs in each survey period (Surveys
     and 207 to 217:   1-11):
                               The number of jobs held in the survey
                               reference period.

62. Fields #62 to 72   Occupation Code (Surveys 1 to 11):
     and #218 to 228:   A four-digit occupation code derived from
                               the Canadian Classification and Dictionary
                               of Occupations for the job with the largest
                               number of hours worked in the reference
                               period.

73. Fields #73 to 105   Unemployment Start Date (Surveys 1-11):
     and #229 to 261:   There are 33 fields for the male head (if
                               present) and 33 other fields for the female
                               head (if present). There are 3 fields per
                               survey, since Mincome captured information
                               on up to three unemployment periods within
                               each survey excluding surveys 2 and 3.
                               Fields for survey 2 and 3 are all set to -4
                               since these questions were not asked at
                               these points. Fields are ordered by survey
                               and then by unemployment period within the
                               survey. The first four variables are
                               therefore (for male head) UEMST11, UEMST12,
                               UEMST13, UEMST21, etc. The same scheme ap-
                               plies to unemployment end date as well as
                               reason which follow. Dates refer to number
                               of days since January 1, 1974.

106. Fields #106 to 138   Unemployment End Date (Surveys 1 to 11):
     and #262 to 294:   There are 33 of these fields for the male
                               head (if present) and 33 other fields for
                               the female head (if present). The fields
                               are ordered by survey and then by unemploy-
                               ment period (3 of them) within survey. It
                               should be noted that all fields for survey
                               2 and 3 are set to -4 since these questions
                               were not asked at survey 2 and 3. The
                               first four variables for the male head are
                               therefore UEMEN11, UEMEN12, UEMEN13,
                               UEMEN21, etc. The dates refer to number of
                               days since January 1, 1974.

139. Fields #139 to 171   Unemployment Reason (Surveys 1-11):
     and #295 to 327:   There are 33 of these fields for the male
                               head (if present) and 33 other fields for
                               the female head (if present). The fields

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are ordered by survey and then by unemployment period (3 of them), within survey. All fields from survey 2 and 3 are set to -4, since these questions were not asked at survey 2 and 3. The first four variables for the male head are therefore UEMR11, UEMR12, UEMR13, UEMR21, etc.

The possible values for this variable are:

-4. Unemployment period absent
1. Laid off
2. Labour dispute
3. Unpaid vacation
4. No jobs available
5. Bad weather
6. Wanted to take care of family
7. Child care too expensive
8. Pregnancy
9. In job training
10. In school
11. Institutionalized
12. Available wages too low
13. Did not want to work
14. Ill or disabled
15. Self-employed
16. Retired
17. Temporarily ill or disabled
18. Permanently ill or disabled

172. Fields #172 to 182 and #328 to 338:

No. of weeks on UIC (Surveys 1-11): This field has the value of -4 for surveys 1, 2 and 3 since UIC was a family variable for these first 3 surveys and therefore cannot be assigned to any individual.

3. DETAILED VARIABLE CONSTRUCTION: AN OVERVIEW

The construction of this longitudinal summary tape required many separate computer procedures, and considerable longitudinal consistency checks and edits. The editing undertaken consisted only of changes to occupational codes, and revisions to entries in obvious error (e.g., changing an hourly wage rate from $670 to $6.70). These data are essentially as collected in the field; all smoothing, linking and transformations are to be undertaken by the researcher.

Table 1 presents a listing of all extractions from the main data base. The user should evaluate the question text associated with each question number (by consulting the Survey Catalogue) to ensure longitudinal consistency. In general, there is little chance that the conceptual definition of a variable will be upset by question text fluctuation from survey to survey for the variables presented in MINC4. There were no question text changes after survey 5.

The variables presented in MINC4 are straightforward arithmetic transformations of the questions extracted and as noted in Table 1. The remaining portion of this section describes the construction of each variable in terms of the variables in Table 1.

1. Field #1:   Family number:
                                = OFN

2. Field #2:   Treatment plan:
                                Obtained from external file (MINC1)

3. Field #3:   Attrition code:
                                Obtained from external file (MINC1)

4. Field #4:   Family type code:
                                Obtained from external file (MINC1)

5. Field #5 to 15:   Date of interview:
                                = DI

16. Field #16 to 26:   Date of last interview:
                                = DLI

27. Field #27   Original identification:
    and Field #183:   = OFN *100 + OMN/10

28. Field #28   Current member number:
    and Field #184:   = CURMN

29. Field #29-39
    and Field #185-195:   Total hours worked:

    The reporting of hours worked was different across all surveys as follows:

Survey 1:
                Respondent could report steady hours (with or without changes) or
                report average weekly hours worked by month.   Overtime was cap-
                tured by asking the number of weeks (in survey reference period)
                with some overtime worked and average weekly overtime hours
                worked over survey reference period.

Survey 2:
                Same as survey 1, except respondent was not given the option of
                reporting weekly "steady hours" level with or without changes.
                They therefore had to report hours worked as an average weekly
                hours worked by month.
Survey 3-11:
                Asked hours worked (by week) regular plus overtime hours.

    For survey 1, one of the follow 3 cases can occur for each job:

Case 1:

If the individual had steady hours and no change in steady hours
over the survey reference period, then total hours =

    = C * (JED-JSD)/7 + WO + AWO   (for jobs held last week)

    = F * (JED-JSD)/7 + LWO + LAWO   (for jobs left during the survey period)

Case 2:

If the individual never had steady hours, he/she is asked their
average weekly hours by month, for every month they had the job.
Total hours is then =

    $$= \sum^{\text{months}} A/\text{months} * (JED-JSD)/7 + WO * AWO \quad \text{(for jobs held last week)}$$

    $$= \sum^{\text{months}} B/\text{months} * (JED-JSD)/7 + LWO * LAWO \quad \text{(for jobs left)}$$

where: months = number of months for which A (or B) is answered.

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<u>Case 3</u>:

If the individual had steady hours and one or more change in steady hours over the survey reference period, then total hours =

<u>for job held last week</u>:

$$= ((JED-D1) * E1 + (D1-JSD) * C)/7 + (WO * AWO) \text{ (if only 1 change)}$$

$$= ((JED-D2) * E2 + (D2-D1) * E1 + (D1-JSD) * C)/7 \\ + (WO * AWO) \qquad \text{(if only 2 changes)}$$

$$= ((JED-D3) * E3 + (D3-D2) * E2 + (D2-D1) * E1 \\ +(D1-JSD) * C)/7 + (WO + AWO) \qquad \text{if) only 3 changes)}$$

<u>for job left</u>:

$$= ((JED-G1) * H1 + (G1-JSD) * F)/7 + (LWO * LAWO) \text{ (if only 1 change)}$$

$$= ((JED-G2) * H2 + (G2-G1) * H1 + (G1-JSD) * F)/7 \\ + (LWO * AWO) \qquad \text{(if only 2 changes)}$$

$$= ((JED-G3) * H3 + (G3-G2) * H2 + (G2-G1) * H1 +(G1-JSD) * F)/7 \\ + (LWO * LAWO) \qquad \text{(if only 3 changes)}$$

The above procedure is repeated for each of the jobs present to arrive at a total number of hours for all jobs.

Note: Variables in these expressions are defined in column 1, Table 1.

$$\sum_{\substack{\text{all jobs} \\ \text{last week}}} (C * (JED-JSD)/7 + WO * AWO)$$

$$\sum_{\substack{\text{all jobs} \\ \text{left}}} (F * (JED-JSD)/7 + LWO * LAWO) \quad , \text{(Survey 2)}$$

$$\sum_{\text{all jobs}} (HW) , \text{(Survey 3-11)}$$

40. Field #40 to 50 and 196 to 206:

Hourly wage rate:

$$= (\sum_{\text{all jobs}} CURWRS * HOURS)/ \sum_{\text{all jobs}} HOURS$$

conversion factors are as follows:

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                              if CURWRU = 5, CURWRS = CURWRS
                              if CURWRU = 4, CURWRS = CURWRS/8
                              if CURWRU = 3, CURWRS = CURWRS/40
                              if CURWRU = 2, CURWRS = CURWRS/173
                              if CURWRU = 1, CURWRS = CURWRS/2080
```

51. Field #51 to 61   No. of jobs in each survey:
     and #207 to 217:   = Number of distinct jobs held in survey reference
                           period.

62. Field #62 to 72   Occupation code:
     and #218 to 228:   = OCCC   S4-S11
                                           S1-S3 (jobs held last week)

                           = B   S1-S3 (jobs left)

73. Field #73 to 105   Unemployment start date:
     and #229 to 261:   "Employment" and "unemployment" are not to be viewed
                           as complementary statuses of labour force partici-
                           pants, but as mutually exclusive categories into
                           which the panel falls. The following distinction
                           across surveys should be noted:

Survey 1:
                 This information is not comparable to those for later surveys as
                 the survey 1 definition is restricted to involuntary idleness.
                 In conjunction with a search activity question, this survey 1 se-
                 ries allows for the construction of a labour force participant
                 measure very similar to that used by Statistics Canada.

Survey 2-3:
                 Maintains an unemployment section that is oriented only to last
                 week and therefore all unemployment fields were set to missing in
                 MINC4 for surveys 2 and 3.

Survey 4-6:
                 Periods of unemployment were used to explain periods of seven or
                 more consecutive days of zero hours on the hours calendar, re-
                 gardless of whether or not the respondent maintained an attach-
                 ment to an employer.

Survey 7-11:
                 Unemployment was defined as not having an employer. On strike,
                 on call, sick leave, paid and unpaid vacation, leave of absence
                 and off for two weeks or less due to bad weather were all consid-
                 ered as employment periods, whereas laid off was considered as
                 unemployed.

106. Field #106 to 138   Unemployment end date:
     and #262 to 294:   See comments for previous field (= unemployment start
                           date).

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139. Field #139 to 171   Unemployment reason:
     and #295 to 327:   See comments for unemployment start date field.

172. Field #172 to 182   Number of weeks on UIC:
     and #328 to 338:   This field is set to missing on the first 3 surveys
                            as it was a household question in these surveys; it
                            is not possible to break down the weeks on UIC by
                            members of the household for survey 1 to 3.

4. ACCESSING THE LONGITUDINAL LABOUR DATA FILE - MINC4

4.1 INTRODUCTION

MINC4 contains two versions of the same data. The first tape file contains a SAS dataset version, the second, a fixed format file. Each file has 338 variables.

The tape is initialized at 6250 B.P.I. (although 800 and 1600 B.P.I. are also available) and is labelled MINC4. The dataset name for file 1 is MINC4.SAS, while file 2 is called MINC4.RAW. In order to make use of the first file, an installation must have the statistical package SAS available. File 2 enables the user to access the data without any specialized package.

4.2 THE SAS DATASET

The dataset in the first file on the tape was constructed by SAS. It contains all the information about the data including the variable names and the data associated with them. This means no SAS 'INPUT' statement is required when accessing the data. The variables contained in file 1 are called FAMNUM PLAN through FWKUIC11 as described earlier in this document.

To access the SAS Data set the following JCL and SAS statements are used at the University of Manitoba. (There may be modification to these statements that are installation specific.)

```
//      JOBCARD
/*D6250  BIN#/MINC4
// EXEC SAS
//READ DD DSN=MINC4.SAS,DISP=OLD,VOL=SER=MINC4,DCB=DEN=4,
//      LABEL=(1,SL),UNIT=D6250
//SYSIN DD *
DATA TEST;
     SET READ.MINC4;
PROC PRINT;
```

This program should produce a print out of the 338 variables for all cases on file. The line 'SET READ.MINC4' directs SAS to the location of the SAS data set in the JCL statement preceding it. Whereas READ is an arbitary name, the second level name of the SET statement (MINC4) was the name assigned at creation of the file on tape and should be used.

For a greater explanation of SAS datasets see the SAS User's Guides. This file should allow the user to do almost anything with the data, the only limitations being those of SAS itself.

4.3 FIXED FORMAT FILE

In file 2 of the tape each variable occupies 8 columns.

To move the fixed format file from tape to disk using the IBM utility, IEBGENER, the following JCL would be used at the University of Manitoba

```
//    JOBCARD
/*D6250    BIN#/MINC4
// EXEC PGM=IEBGENER
//SYSUT1  DD DSN=MINC4.RAW,DISP=OLD,LABEL=(2,SL),VOL=SER=WORKO3,
//    UNIT=D6250,DCB=DEN=4
//SYSUT2  DD DSN=NAME.DATA,DISP=(NEW,CATLG,DELETE),VOL=SER=DISK,
//    UNIT=DISK,DCB=(LRECL=2704,BLKSIZE=18928,RECFM=FB),
//    SPACE=(TRK,(100T,10),RLSE)
```

The file record length is fixed at 2704 and the blocksize is 18928.

Module 1 :   TABLE 1:   MINC4 extract fields from data base

	Description		Survey # (Entries refer to question numbers)										
			1	2	3	4	5	6	7	8	9	10	11
EMPC	employer business code	LW	3	3	3	3	3	3	3	3	3	3	3
A	employer business code	LF	54	41	60								
OCCC	occupation code	LW	4	4	4	4	4	4	4	4	4	4	4
B	occupation code	LF	55	42	51								
J	would seek job type		45										
K	type of job sought		46										
WRUL1	wage rate units (only if started since DLI)	LW	11A	10A	13A	5A	5A	5A	5A	5A	5A	5A	5A
WRSL1	wage rate $ & ¢ (only if started since DLI)	LW	11	10	13	5	5B	5	5	5	5	5	5B
C	wage rate units	LF	60A	45A	54A								
D	wage rate $ & ¢	LF	60	45	54								
H	wage rate units (when left job)	LF	-	48	57								
I	wage rate $ & ¢ (when left job)	LF	-	48A	57A								
JOLI	job started since DLI?	LW	-	7	9A	6	6	7	7	7	7	7	7
F	employed at LI?	LF	-	40	49								
JSD	job start date	LW	7	8	10	7	7	6	6	6	6	6	6
E	job start date	LF	56	43	52								
VD	vacation days	LW	35	28	31	29	9	9	9	9	10	10	10A
VP	vacation %	LW	-	28B	31B	29B	9A	9A	9A	9B	10B	10B	10B
VS	vacation $	LW	-	28C	31C	29C	9B	9B	9B	9C	10C	10C	10C
JED	job end date	LF	68	46	55	10	16	16	16	16	17	17	17
Z	job duties change since LI?	LW			9B								

Code	Description			Survey #										
				1	2	3	4	5	6	7	8	9	10	11
NOCCC	new occupation code			-	-	-	16	22	22	22	22	25	25	25
DNOCCC	date new occupation code			-	-	-	17	23	23	23	23	26	26	26
CURWRU	current wage rate unit	LW		-	12A	15A	33A	29A	29A	29A	29A	32A	32A	32A
CURWRS	current wage rate $	LW		-	12B	15B	33B	29B	29B	29B	29B	32B	32B	32B
DLWRC	date most recent pay change						35	31	31	31	31	34	34	34
D2LWRC	date of other pay change						37	33	33	33	33	36	36	36
PREWRU	rate of pay then - units						38A	34A	34A	34A	34A	37A	37A	37A
PREWRS	rate of pay then - $ and ¢						38	34	34	34	34	37	37	37B
	date first wage rate this year	LW		10										
	date first wage rate this year	LF		59										
	date first wage rate change	LW		13B										
	date first wage rate change	LF		62D										
LL	wage rate $ & ¢	LW		13										
00	wage rate $ & ¢	LF		62B										
L	wage rate unit	LW		13A										
0	wage rate unit	LF		62A										
	date 2nd wage rate change	LW		13H										
	date 2nd wage rate change	LF		62H										
MM	wage rate $ & ¢	LW		13F										
PP	wage rate $ & ¢	LF		62F										
M	wage rate units	LW		13G										

Module 1 :   Table (Continued)

	Description		\#1	2	3	4	5	6	7	8	9	10	11
P	wage rate units	LF	62E										
	date third wage rate change	LW	13N										
	date third wage rate change	LF	62L										
NN	wage rate $ & ¢	LW	13L										
QQ	wage rate $ & ¢	LF	62K										
N	wage rate units	LW	13M										
Q	wage rate units	LF	62I										
OVM	method of payment of overtime	LW	23	17	20	44	38	38A	38A	38A	42	42	42
G	method of payment for overtime	LF	74	53	62								
RSW	reason stopped working	LF	77	58	66	11	17	17	17	17	20	20	20
RQTL	reason quit, temporary leave	LF	79	60	68	13	19	19	19	19	22	22	22
UEMST	unemployed start date		84A	-	-	58A	51A	52A	54A	54A	60A	60A	60A
UEMEN	unemployed end date		84B	-	-	58B	51B	52B	54B	54B	60B	60B	60B
UEMR	reason unemployed		86	-	-	59	52	53	55	55	61	61	61
UEMW	type of work sought		-	69	79	77	-	75	78	78	83	83	83
UEMEEU	expected earnings - units		-	-	-	-	74A	76A	79A	79A	84A	84A	84A
UEMEES	expected earnings - $ & ¢		-	-	-	-	74	76	79	79	84	84	84B
UEMEHR	expected hrs./week		48	72	82	80	76	77	80	80	85	85	85
UEMEWE	expected earnings per week		47	71	81	79							
WXUIC	no. weeks UIC covered		-	-	-	62A	55A	56A	59A	59A	64A	64A	64
SURNO	survey no.		HD03	HD03	HD03	HD03	HD03	HD03	HD03	HD03	HD03	HD03	HD03

Table 1 (Continued)
Module 1: HIMC4 Additional Fields (Page 2)

	Description		Survey # 1	2	3	4	5	6	7	8	9	10	11
H	# steady hours after change	LF	67										
DOW	date of week							DOW	DOW	DOW	DOW	DOW	
FMPC	employee business code	LW	3	3	3	3	3	3	3	3	3	3	3
I	employee business code	LF	54	41	50								
OCCC	occupation code	LW	4	4	4	4	4	4	4	4	4	4	4
J	occupation code	LF	55	42	51								
JOLI	job started since DLI?	LW	--	7	9A	6	6	7	7	7	7	7	7
K	employed at LI?	LF	--	40	49								
NOCCC	new occupation code					16	22	22	22	22	25	25	25
SURV	survey no.		HD03	HD03	HD03	HD03	HD03	HD03	HD03	HD03	HD03	HD03	HD03
CMN	current member no.		HD26	HD26	HD25	HD25	HD25	HD25	HD25	HD25	HD25	HD25	HD03
JSD	job start date	LW	7	8	10	7	7	6	6	6	6	6	6
L	job start date	LF	56	43	52								
JED	job end date	LF	68	46	55	10	16	16	16	16	17	17	17

Module 1: Table 1 (Continued)

Description		Survey #										
		1	2	3	4	5	6	7	8	9	10	11
CURMN	current member no.	HD26	HD26	HD25	HD25	HD25	HD25	HD25	HD25	HD25	HD25	HD23
OFN	original family no.	HD27	HD27	HD26	HD26	HD26	HD26	HD26	HD26	HD26	HD26	HD24
OMN	original member no.	HD28	HD28	HD27	HD27	HD27	HD27	HD27	HD27	HD27	HD27	HD25
DI	date of interview	HD29	HD29	HD28	HD21	HD28	HD28	HD28	HD30	HD30	HD30	HD18
DLI	date of last interview	-	HD38	HD23	HD29	HD23	HD23	HD23	HD23	HD23	HD23	HD19

Table 1 (Continued)
Module 1. MINC4 Additional Fields

		Survey #										
Description		1	2	3	4	5	6	7	8	9	10	11
DW actual days worked/week	W		--	16	41	39	39	39	39	43	43	43
HW hours worked/week	W		--	16A	42	40	40	40	40	44	44	44
HPNW hours paid, not worked	W		--	--	42A	41	41	41	41	45	45	45
OH overtime hours worked/week	W		--	--	43	42	42	42	42	46	46	46
WO # weeks with overtime	LW	21	15	18								
AWO avg. weekly overtime for those weeks	LW	22	16	19								
LWO # weeks with overtime	LF	72	51	60								
LAWO avg. weekly overtime	LF	73	52	61								
GED grid end date		--			JED							JED
GSD grid start date		--			JSD							JSD
DLI date of last interview		--	HD38	HD23	HD29	HD23	HD23	HD23	HD23	HD23	HD23	HD19
DI interview date		HD29	HD29	HD28	HD21	HD28	HD28	HD28	HD30	HD30	HD30	HD18
OMN original member #		HD28	HD28	HD27	HD25	HD27	HD27	HD27	HD27	HD27	HD27	HD25
OFN original family #		HD27	HD27	HD26	HD24	HD26	HD26	HD26	HD26	HD26	HD26	HD24
A avg. weekly hours worked by month	LW	19	13									
B avg. weekly hours worked by month	LF	70	49									
C # steady hours per week	LW	15										
D date of change in steady hours	LW	17										
E # steady hours after change	LW	18										
F # steady hours per week	LF	64										
G date of change in steady hours	LF	66										