MINC5:

MINCOME INCOME AND NET WORTH FILE

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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.

1. MINCOME INCOME AND NET WORTH FILE

1.1 INTRODUCTION

MINC5 contains 445 variables constructed from data in the 11 major surveys undertaken by the MINCOME guaranteed annual income experiment. The data covers the period of January 1, 1974 to December 31, 1977 for those households who completed all 11 surveys.

1.2 THE SAMPLE

Observations in this file are from the Winnipeg Site only and include only intact households [i.e., households in which there was no head split (divorce/separation)] a 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 code).

Household are composed of three family types:

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

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

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 Survey 1:

	Completion	Non-Completion	Total
Double-Headed	346	357	703
Single-Headed	107	108	215
Single-Individuals	139	235	374
Total	592	700	1292

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;

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

A subset of the remaining households was administered the first major survey (the baseline) in the latter half of 1974 (See MINC1: MINCOME Baseline Summary File). The households on MINC5 include a subset of those who completed the baseline interview, excluding any households whose "permanent" income, adjusted to 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, male head earnings is set to -9 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 accuracy while others are rounded to the nearest dollar. Attention must be always paid to the precise variable definition as there are some important assumptions underlying each measure.

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

2. VARIABLES ON FILE

2.1 VARIABLES IN THE INCOME AND NET WORTH FILE

2.1.1 Header (Household) Information

Field	Name	Description
1.	FAMNUM	Family Number
2.	PLAN	Treatment Plan
3.	ATTRIT	Attrition Code
4.	FTYPE	Family Type Code
5.	FSI	Family Size Index (X100)

2.1.2 Survey Information

Field	Name	Description
6.- 16.	MEARN1-MEARN11	male head job earnings (Surveys 1-11)
17.- 27.	MDI1-MDI11	male head - date of interview
28.- 38.	MINT1-MINT11	male head - # of days since last interview
39.- 49.	FEARN1-FEARN11	female head job earnings
50.- 60.	FDI1-FDI11	female head date of interview
61.- 71.	FINT1-FINT11	female head - # days since last interview
72.- 82.	OEARN11-OEARN111	other adult 1 - job earnings
83.- 93.	OINT11-OINT111	- # days since last interview
94.-104.	OEARN12-OEARN112	other adult 2 - job earnings
105.-115.	OINT12-OINT112	- # days since last interview
116.-126.	OEARN13-OEARN113	other adult 3 - job earnings
127.-137.	OINT13-OINT113	- # days since last interview
138.-148.	OEARN14-OEARN114	other adult 4 - job earnings
149.-159.	OINT14-OINT114	- # days since last interview
160.-170.	OEARN15-OEARN115	other adult 5 - job earnings
171.-181.	OINT15-OINT115	- # days since last interview
182.-192.	JTRAN1-JTRAN11	family job transfers
193.-203.	HSELL1-HSELL11	estimated resale value of owned dwelling
204.-214.	INCDW1-INCDW11	income received from property
215.-225.	BRDW1-BRDW11	board and room income
226.-236.	RODW1-RODW11	room only income
237.-247.	HPRIN1-HPRIN11	principal outstanding on owned dwelling
248.-258.	BRPD1-BRPD11	room and/or board paid monthly
259.-269.	RENTPD1-RENTPD11	monthly rent paid after subsidy
270.-280.	OPSELL1-OPSELL11	estimated selling price of other property
281.-291.	OPPRIN1-OPPRIN11	principal outstanding on other property
292.-302.	DPSELL1-DPSELL11	selling price of disposed property

303.-313.	CASH1-CASH11	money in banks, trusts, on hand
314.-324.	INSUR1-INSUR11	money in insurance policies
325.-335.	BOLOAN1-BOLOAN11	money in bonds, securities and money owned
336.-346.	RRSP1-RRSP11	money in pension funds and RRSP
347.-357.	VEHIC1-VEHIC11	value of all vehicles
358.-368.	DURA1-DURA11	value of all durables
369.-379.	LENGT1-LENGT11	no. of days since last interview
380.-390.	GOVT11-GOVT111	income from government sources
391.-401.	PRIVI1-PRIVI11	income from private sources
402.-412.	INVESI1-INVESI11	income from interest and dividends
413.-423.	WELFA1-WELFA11	amount of welfare received
424.-434.	WELFT1-WELFT11	type of welfare received
435.-445.	DEBT1-DEBT11	amount owed, except mortgages

2.2 DETAILED DESCRIPTION OF VARIABLES AND VALUES

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 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.

Value	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

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45:                                                                    5
46:                                                                    6
47:                                                                    7
48:                                                                    8
49:                                                                    9
50:                                                                   10
61:   head joined unit at survey                                       1
62:                                                                    2
63:                                                                    3
64:                                                                    4
65:                                                                    5
66:                                                                    6
67:                                                                    7
68:                                                                    8
69:                                                                    9
70:                                                                   10
71:                                                                   11
81:   head split from the unit at survey                               1
82:                                                                    2
83:                                                                    3
84:                                                                    4
85:                                                                    5
86:                                                                    6
87:                                                                    7
88:                                                                    8
89:                                                                    9
90:                                                                   10
91:                                                                   11
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4. Field #4:   Family Type Code
                = 1 for double-headed household
                = 2 for single headed household
                = 3 for single individuals

5. Field #5:   Family Size Index (X100)
                The family size index was used by Mincome to adjust the guarantee
                level in order to provide a similar minimum standard of living to
                all family sizes and hence offer a "neutral" support structure
                which would not systematically discriminate against any family
                size. The family size index is a function of number of adults
                (excluding heads) as well as family size (at Survey 1) and takes
                on the value 1.0 for a family size 4 with two heads and two chil-
                dren, (the base family). The table of values follows:

Family Size Index Table

Family Size	0	1	2	3	4	5	6
1	.38						
2	.71	.71					
3	.88	.97	.97				
4	1.00	1.14	1.23	1.23			
5	1.10	1.26	1.40	1.49	1.49		
6	1.20	1.36	1.52	1.66	1.75	1.75	
7	1.30	1.46	1.62	1.78	1.92	2.01	2.01
8	1.40	1.56	1.72	1.88	2.04	2.18	2.27
9	1.45	1.61	1.77	1.93	2.09	2.23	2.32
10	1.50	1.66	1.82	1.98	2.14	2.28	2.37
11	1.55	1.71	1.87	2.03	2.19	2.33	2.42
12+	1.60	1.76	1.92	2.08	2.24	2.38	2.47

2.2.2 Survey Information

6: Fields #6 to 16:

Male head job earnings (Survey 1-11)
This field is the sum of:

1. earnings from all jobs held in survey reference period

2. value of job benefits

3. tips, bonuses and commissions

4. retroactive pay (only after Survey 3)

5. odd-job earnings (only after Survey 3)

6. severance and strike pay (only after Survey 4)

17. Fields #17 to 27:

Male head date of interview
Number of days from January 1, 1974 to date of interview.

28. Fields #28 to 38:

Male head - no. of days since last interview
This field is the date of interview minus the date of the last interview. It should be noted that date of last interview for Survey 1 is 1 (January 1, 1974). This field is crucial in annualizing the income figures given in each survey

39. Fields #39 to 49:

Female head job earnings
This field is the sum of:

1. earnings from all jobs held in survey refer- ence period

2. value of job benefits

3. tips, bonuses and commissions

4. retroactive pay (only after Survey 3)

5. odd-job earnings (only after Survey 3)

6. severance and strike pay (only after Survey 4)

50. Fields #50 to 60: Female head date of interview
Number of days from January 1, 1974 to date of interview.

61. Fields #61 to 71: Female head - no. of days since last interview
This field is the date of interview minus the date of the last interview. This field is crucial in annualizing the income figures given in each survey. It should be noted that date of last interview for Survey 1 is 1 (January 1, 1974).

72. Fields #72 to 82: First non-head adult - job earnings
This field is the sum of:

1. earnings from all jobs held in survey refer- ence period

2. tips, bonuses and commissions

3. value of job benefits (only after Survey 1)

4. retroactive pay (only after Survey 3)

5. odd-job earnings (only after Survey 3)

6. severance and strike pay (only after Survey 4)

83. Fields #83 to 93: First non-head adult - days since last interview
Number of days this survey period covers.

94. Fields #94 to 104: Second non-head adult - job earnings
Same as Fields #72 to 82 for second non-head adult.

105. Fields #105 to 115: Second non-head adult - days since last interview
Number of days this survey period covers.

116. Fields #116 to 126: Third non-head adult - job earnings
Same as Fields #72 to 82 for third non-head adult.

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127. Fields #127 to 137:   Third non-head adult - days since last interview
                            Number of days this survey period covers.

138. Fields #138 to 148:   Fourth non-head adult - job earnings
                            Same as Fields #72 to 82 for fourth non-head adult.

149. Fields #149 to 159:   Fourth non-head adult - days since last interview
                            Number of days this survey period covers.

160. Fields #160 to 170:   Fifth non-head adult - job earnings
                            Same as Fields #72 to 82 for fifth non-head adult.

171. Fields #171 to 181:   Fifth non-head adult - days since last interview
                            Number of days this survey period covers.

182. Fields #182 to 192:   Family job transfers
                            This is the sum of the following fields for all
                            members of the household:

                            1. unemployment insurance payments

                            2. manpower training allowance

                            3. worker's compensation

193. Fields #193 to 203:   Estimated resale value of owned dwelling
                            This is the selling price of the household's owned
                            dwelling as estimated by a member of the household
                            and is available for Surveys 1, 2, 3, 4, 7, 10 and
                            11. For Surveys 5, 6, 8 and 9 the field is set to
                            -9.

204. Fields #204 to 214:   Income received from property
                            This is the income received from a dwelling or oth-
                            er property (for the survey reference), excluding
                            room and/or board and room income.

215. Fields #215 to 225:   Board and room income
                            This is the amount of board and room income re-
                            ceived by the household for the survey reference
                            period.

226. Fields #226 to 236:   Room only income
                            This is the amount of room income received by the
                            household for the survey reference period.

237. Fields #237 to 247:   Principal outstanding on owned dwelling
                            This field is the sum of principal outstanding on
                            all mortgages for the owned dwelling. This field
                            is available for Surveys 1, 2, 3, 4, 7, 10 and 11
                            only and is set to -9 for Surveys 5, 6, 8 and 9.

248. Fields #248 to 258: Room and/or board paid monthly
This is the amount of room and/or board paid per month by the household. This field is set to -9 for Survey 1 since the question was not asked at that survey.

259. Fields #259 to 269: Monthly rent paid after subsidy
This is the amount of rent paid per month minus the amount of rent subsidies received from all sources.

270. Fields #270 to 280: Estimated selling price of other property
This is the selling price of property (other than the household's dwelling) as estimated by a member of the household. This field is available for Surveys 1, 2, 3, 4, 7 and 10; the field is set to -9 for Survey 5, 6, 8, 9 and 11.

281. Fields #281 to 291: Principal outstanding on other property
This question was asked only once at Survey 1. The field for Surveys 2 to 11 is set to -9.

292. Fields #292 to 302: Selling price of disposed property
This is the amount of money received for any disposed property and is available for Survey 2, 3, 4 and 11. For Surveys 1, 5, 6, 7, 8, 9 and 10, the field is set to -9.

303. Fields #303 to 313: Money in banks, trusts, on hand
This field is the sum of moneys in banks, trust companies, savings associations or credit unions as well as cash on hand (after Survey 1). This field is set to -9 for Survey 5 since the information was not collected at Survey 5.

314. Fields #314 to 324: Money in insurance policies
This field is the amount of money in insurance policies which are convertible to cash. This field is set to -9 for Survey 5 since the information was not collected at Survey 5.

325. Fields #325 to 335: Money in bonds, securities and money owed
This field is the sum of moneys invested in bonds, stocks, securities as well as mortgages or loans owed to you. This field is set to -9 for Survey 5 since the information was not collected at Survey 5.

336. Fields #336 to 346: Money in pension funds and RRSP
This field is the sum of moneys in Registered Retirement Savings Plans as well as retirement and pension funds. This field is set to -9 for Survey 5 since the information was not collected at Survey 5.

347. Fields #347 to 357:   Value of all vehicles
This is the value of all vehicles owned by the household. At Survey 1, 4 and 11 a complete stock of vehicles was taken. At Survey 8, the respondent was given the Survey 4 stock and asked whether there had been any acquistions or dispositions since then. The value of this field for Survey 8 may have to be inflated to take into consideration inflation between Survey 4 and 8. The field is set to -9 for Surveys 2, 3, 5, 6, 7, 9 and 10.

358. Fields #358 to 368:   Value of all durables
This the value of all durables owned by the household. At Survey 1, 4 and 11 a complete stock of durables was taken. At Survey 8, the respondent was given the Survey 4 stock and asked whether there had been any acquisitions or dispositions since then. The value of this field for Survey 8 may have to be inflated to take into consideration inflation between Survey 4 and 8. The field is set to -9 for Surveys 2, 3, 5, 6, 7, 9 and 10.

369. Fields #369 to 379:   No. of days since last interview
Number of days covered by the module 2 for each survey. This field is to be used to annualize income fields related to the household.

380. Fields #380 to 390:   Income from government sources
This field includes income from family allowance, Canada or Quebec pension plan, old age security, guaranteed income supplement payments, Manitoba supplement to the elderly as well as income from other government agencies (excluding welfare).

391. Fields #391 to 401:   Income from private sources
This field includes pension from present or previous employers, income from an annuity, income from insurance companies, alimony or child support from a previous spouse, income from a non-relative or other non-government agency.

402. Fields #402 to 412:   Income from interest and dividends
This field is the sum of interest and dividend for the household and is missing for all households for the period of January 1, 1975 to April 30, 1975. The field is available for the following surveys:

        1. Survey 4 captures interest and dividends for the year 1974

        2. Survey 6 captures interest and dividends since April 30, 1975

3. Surveys 7 to 11 capture interest and dividends for the respective survey periods

4. field is set to -9 for Surveys 1, 2, 3 and 5.

413. Fields #413 to 423: Amount of welfare received
This field is the amount of welfare received by survey period.

424. Fields #424 to 434: Type of welfare received
This field takes the value 1 if the welfare received was mostly municipal and the value 2 if welfare received was mostly provincial.

435. Fields #435 to 445: Amount owed, except mortgages
This field is the sum of money owed to banks, credit unions, savings associations or trust companies, finance companies, charge accounts or credit card companies, friends, relatives, not now in the household, business, professional people or government. The value for this field is set to -9 for Survey 5 since the information was not collected at that survey.

3. DETAILED VARIABLE CONSTRUCTION: AN OVERVIEW

The data in MINC5 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 extraction from the main data base. The variables presented in MINC5 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.

3.1 HEADER (HOUSEHOLD) VARIABLES

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:   Family size index
                       Obtained from external file (MINC1).

3.2 SURVEY INFORMATION

6. Fields #6 to 16:   Male head job earnings
                       $= EARN3 + BENE$, for Survey 1
                       $= EARN1 + EARN2 + BENE$, for Surveys 2 and 3
                       $= ODD + TBB + EARN4 + BENE + RETRO$, for Survey 4
                       $= ODD + TBB + EARN4 + BENE + RETRO + SEV + STR$,
                       Surveys 5 to 11

    where:

$$TBB = TBA * (DI - DLI)/7 \quad \text{if } TBU = 3$$
$$= TBA * (DI - DLI) * 5/7 \quad \text{if } TBU = 4$$
$$= TBA * (DI - DLI)/30.275 \quad \text{if } TBU = 2$$
$$= TBA * (DI - DLI)/364 \quad \text{if } TBU = 1$$

17. Fields #17 to 27:   Male head date of interview
                        = number of days from January 1, 1974 to DI.

28. Fields #28 to 38:   Male head - no. of days since last interview
                        $= DI - DLI$

39. Fields #39 to 49:   Female head job earnings
                        Same as Fields #6 to 16 above.

50. Fields #50 to 60:   Female head date of interview
                        = Number of days from January 1, 1974 to DI.

61. Fields #61 to 71:   Female head - no. of days since last interview
                        = DI - DLI

72. Fields #72 to 82:   First non-head adult - job earnings
                        = EARN3   , for Survey 1
                        = EARN1 + EARN2 + BENE   , for Surveys 2 and 3
                        = ODD + TBB + EARN4 + BENE + RETRO   , for Survey 4
                        = ODD + TBB + EARN4 + BENE + RETRO + SEV + STR,
                          Surveys 5 to 11

     where:

$$TBB = TBA * (DI - DLI)/7 \quad \text{if } TBU = 3$$
$$= TBA * (DI - DLI) * 5/7 \quad \text{if } TBU = 4$$
$$= TBA * (DI - DLI)/30.275 \quad \text{if } TBU = 2$$
$$= TBA * (DI - DLI)/364 \quad \text{if } TBU = 1$$

83. Field #83 to 93:   First non-head - days since last interview
                        = DI - DLI

94. Fields #94 to 104: Second non-head adult - job earnings
                        Same as Fields #72 to 82 above.

105. Fields #105 to 115: Second non-head adult - days since last interview
                         = DI - DLI

116. Fields #116 to 126: Third non-head adult - job earnings
                         Same as Fields #72 and 82 above.

127. Fields #127 to 137: Third non-head adult - days since last interview
                         = DI - DLI

138. Fields #138 to 148: Fourth non-head adult - job earnings
                         Same as Fields #72 to 82 above.

149. Fields #149 to 159: Fourth non-head adult - days since last interview
                         = DI - DLI

160. Fields #160 to 170: Fifth non-head adult - job earnings
                         Same as Fields #72 to 82 above.

171. Fields #171 to 181: Fifth non-head adult - days since last interview
                         = DI - DLI

182. fields #182 to 192: Family job transfers
                         = UIW * UIA + MTT + WCC   , Surveys 1 and 2
                         = UIWW * UIAA + MTT + WCC,   , Survey 3
                         CM * DUICM + MTAM + WCOMM

$$= WUICF * DUICF + MTAF + WCOMF$$

$$+ \sum_{i=1}^{5} (WUICO * DUICO + WCOMO + MTAO)$$
$$\text{Surveys 4 to 11}$$

193. Fields #193 to 203: Estimated resale value of owned dwelling
    = SELL   Surveys 1, 2, 3, 4, 7, 10, 11
    = -9   Surveys 5, 6, 8, 9

204. Fields #215 to 225: Income received from property
    = OPRENT + OPINC   Survey 1
    = RENTOD + INCOD + RRD   Surveys 2 to 11

205. Fields #215 to 225: Board and room income
    = BRR + BBR   Survey 1
    = BBR   Surveys 2 and 3
    = BRR   Surveys 4 to 11

226. Fields #226 to 236: Room only income
    = RR + RRR   Survey 1
    = RRR   Surveys 2 and 3
    = RR   Surveys 4 to 11

237. Fields #237 to 247: Principal outstanding on owned dwelling
    = PRIN (summed over all mortgages)
      Surveys 1, 4, 7, 10, 11
    = -9
      Surveys 2, 3, 5, 6, 8, 9

248. Fields #248 to 258: Room and/or board paid monthly
    = -9   Survey 1
    = BRPD   Surveys 2 to 11

259. Fields #259 to 269: Monthly rent paid after subsidy
    = RENTPD   Surveys 1 to 11

270. Fields #270 to 280: Estimated selling price of other property
    = OPSELL   Surveys 1, 2, 3, 4, 7 and 10
    = -9   Surveys 5, 6, 8, 9 and 11

281. Fields #281 to 291: Principal outstanding on other property
    = OPRIN (summed over all mortgages)   Survey 1
    = -9   Surveys 2 to 11

292. Fields #292 to 302: Selling price of disposed property
    = DPSELL   Surveys 2, 3, 4, 11
    = -9   Surveys 1, 5 to 10

303. Fields #303 to 313: Money in banks, trusts, on hand
   = M37   Survey 1
   = M37 + M42   Surveys 2, 3, 4, 6, 7, 8, 9, 10
   = -9   Survey 5

314. Fields #314 to 324: Money in insurance policies
   = INSUR   Surveys 1 to 4, 6 to 11
   = -9   Survey 5   .

325. Fields #325 to 335: Money in bonds, securities and money owed
   = M40 + M41   Surveys 1 to 4, 6 to 11
   = -9   Survey 5

336. Fields #336 to 346: Money in pension funds and RRSP
   = M38 + M39   Surveys 1 to 4, 6 to 11
   = -9   Survey 5

347. Fields #347 to 357: Value of all vehicles
   = Σ VEHI
     Surveys 1, 4, 11
   = M59 +   (VEHI if M60=1)
     Survey 8
   = -9
     Surveys 2, 3, 5, 6, 7, 9 and 10

358. Fields #358 to 368: Value of all durables
   = Σ DUR + M45 + M47   Survey 1
   = Σ DUR + M47   Survey 4
   = Σ (DUR if M61=1) + M49 Survey 8
   = Σ DUR   Survey 11
   = -9   Surveys 2, 3, 5, 6, 7, 9, 10

369. Fields #369 to 379: No. of days since last interview
   = DI - DLI

380. Fields #380 to 390: Income from government sources
   = M62 + M64 + M67 + M69   Surveys 1 to 11

391. Fields #391 to 401: Income from private sources
   = M63 + M65 + M66 + M68 + M76 + ZZZZ   Surveys 1 to 11

   where:

        ZZZZ =   (M70 if M71 = 1, 4, 5, 6, 7 or 10)
                 Surveys 1, 2, 4, to 11

             =   (M70 if M71 = 1, 2, 3, 4, 7, 8, 9 or 10)
                 Survey 3

402. Fields #402 to 412: Income from interest and dividends
   = M73   Survey 4
   = M72   Surveys 6 to 11
   = -9   Surveys 1, 2, 3, 5

413. Fields #413 to 423: Amount of welfare received
= M74   Surveys 1 to 11

424. Fields #424 to 434: Type of welfare (municipal or provincial)
= M75   Surveys 1 to 11

435. Fields #435 to 445: Amount owed, except mortgages
= M82 + M83 + M84 + M85 + M86   Surveys 1 to 4, 6 to 11

= -9   Survey 5

4. ACCESSING THE LONGITUDINAL INCOME AND NET WORTH FILE - MINC5

4.1 INTRODUCTION

MINC5 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 445 variables.

The tape is initialized at 6250 B.P.I. (although 800 and 1600 B.P.I. are also available) and is labelled MINC5. The dataset name for file 1 is MINC5.SAS, while file 2 is called MINC5.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 DEBT11 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#/MINC5
// EXEC SAS
//READ DD DSN=MINC5.SAS,DISP=OLD,VOL=SER=MINC5,DCB=DEN=4,
//        LABEL=(1,SL),UNIT=D6250
//SYSIN DD *
DATA TEST;
     SET READ.MINC5;
PROC PRINT;
```

This program should produce a print out of the 445 variables for all cases on file.   The line 'SET READ.MINC5' 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 (MINC5) 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#/MINC5
// EXEC PGM=IEBGENER
//SYSUT1   DD DSN=MINC5.RAW,DISP=OLD,LABEL=(2,SL),VOL=SER=MINC5,
//      UNIT=D6250,DCB=DEN=4
//SYSUT2   DD DSN=NAME.DATA,DISP=(NEW,CATLG,DELETE),VOL=SER=DISK,
//      UNIT=DISK,DCB=(LRECL=3560,BLKSIZE=17800,RECFM=FB),
//      SPACE=(TRK,(100T,10),RLSE)
```

The file record length is fixed at 3560 and the blocksize is 17800.

TABLE 1
Module 1: MINCS

	Description		Survey #										
			1	2	3	4	5	6	7	8	9	10	11
ODD	total odd-job earnings					71	63	64	67	67	72	72	72
GE46	gross earnings 1974, 1976					6B					58A		
1BA	tip, bonus, comm. (amt)	LW		6B	8B	31B	27B	27B	27B	27B	30B	30B	30B
	tip, bonus, comm. (amt)	LF		55B	64B								
TBJ	tip, bonus, comm. (unit)	LW		6A	8A	31A	27A	27A	27A	27A	30A	30A	30A
	tip, bonus, comm. (unit)	LF		55A	64A								
	tip, bonus, comm. (amt)	LW	68										
	tip, bonus, comm. (amt)	LF	76										
EARN1	total earned since LI	LW		19	22	45	43	43	43	43			
EARN2	total earned since LI	LF		56	65								
EARN3	total earned since January 1,1974		82										
EARN4	total earned since LI (QC)					45A	43A	44	44	44	47		
BENE	job benefits		37B	33	3B	47	45	46	46	46	49	49	49
RETRO	retroactive pay since LI					49	47	48	48	48	51	51	51
SEV	severance pay since LI						16B	16B	16B	16B	19	19	19

TABLE 2 (Continued)
Module 1: MINC5

			Survey #										
	Description		1	2	3	4	5	6	7	8	9	10	11
STR	strike pay						52B	53B	50	50	56	56	56
WUIC	no. of weeks UIC payments					62A	55A	56A	59A	59A	64A	54A	64
DUIC	average UIC per cheque					63B	56B	57B	60B	60B	65B	65B	65
MTA	manpower training allowance					65	58	59	62	62	67	67	67
WCOM	worker's compensation					67	60	61	64	64	69	69	69
DI	date interview conducted		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
OMN	original member no.		HD28	HD28	HD27	HD25	HD27	HD27	HD27	HD27	HD27	HD27	HD25
OFN	original family no.		HD27	HD27	HD26	HD24	HD26	HD26	HD26	HD26	HD26	HD26	HD24
CMN	current member no.		HD26	HD26	HD25	HD23	HD25	HD25	HD25	HD25	HD25	HD25	HD23
SURV	survey no.		HD03	HD03	HD03	HD03	HD03	HD03	HD03	HD03	HD03	HD03	HD03

TABLE 1 (Continued)
Module 2: MINCS

	Description		Survey #										
			1	2	3	4	5	6	7	8	9	10	11
M1	family member own dwelling?	OD	4	1	1	2	1	1	2	1	1	2	1
M2	when dwelling acquired?	OD	17		6	5			5			5	25
M3	how dwelling acquired?	OD	15	6	7	6			6			6	26
M4	total purchase price?	OD	16	7	8	7			7			7	27
SELL	current resale value?	OD	18	8	9	8			9			9	29
M5	new mortgage principal	OD		17A	20								39
M6	new mortgage amortization period	OD		17B	21								40
M7	new mortgage interest rate	OD		18	22								41
RENTOD	rental income received from OD	OD		20	24	19	5	5	19	4	4	19	4
INCOD	other income received from OD	OD		22	26	21	7	7	32	17	17	32	17
BRR	amount B & R received	OD	20			31	17	17	28	13	13	28	13
RR	amount room only received	OD	22			33	19	19	30	15	15	30	15
M8	original amount mortgage or loan	OD	6	10	13	10			11			11	31
M9	date mortgage/loan assumed	OD	7		12	11			12			12	32
M10	amortization period	OD	8	11	14	12							

TABLE 1 (Continued)
Module 2: MINC5

	Description		Survey #										
			1	2	3	4	5	6	7	8	9	10	11
M11	monthly payments mortgage	OD	9	12	15	13			13			13	33
M12	monthly payment include taxes?	OD	10	13	16	14			14			14	34
PRIN	principal outstanding	OD	11A			15			15			15	35
M13	interest rate	OD	11B	14	17	16			16			16	36
M14	months off schedule	OD	13										
M15	annual property tax	OD	23	9A	10	7A			8			8	28
M16	ahead or behind schedule?	OD	12										
BRPD	room and/or board paid monthly	RD		23	27	22	8	8	20	5	5	20	5
RENTPD	monthly rent	RD	25A	24	28	23	9	9	21	6	6	21	6
RENTSD	total monthly rent subsidy	RD	25D	28	32	29	15	15	26	11	11	26	11
BRR	amount B & R received	RD	32	32	36								
RRR	amount room only received	RD	34	34	38								
RRD	amt property rent other than dwel	RD		35B	40	35	21	21	34	19	19	34	19
M17	how acquired?	CP	47	36	42	37			37			37	
M18	purchase price?	CP	48	37A	43	38			38			38	

TABLE 1 (Continued)

Module 2: MINCS

	Description		Survey #										
			1	2	3	4	5	6	7	8	9	10	11
M19	when acquired	OP	49		45	40			40			40	
OPSELL	current resale value	OP	50	38	47	41			41			41	
M20	annual taxes	OP		37B	46	41A							28
M21	months off schedule	OP	45										
M22	ahead or behind schedule?	OP	44										
OPRENT	rental income received from OP	OP	52										
OPINC	other income received from OP	OP	54										
M23	date mortgage assumed	OP	39		49	43			43			43	
M24	original amt mortgage or loan	OP	38	40	50	44			44			44	
OPRIN	outstanding principal	OP	43A										
M25	amortization period	OP	40	41	51	45			45			45	
M26	amount monthly payment	OP	41	42	52	46			46			46	
M27	payment includes taxes	OP	42	43	53	47			47			47	
M28	interest rate	OP	43B	44	54	48			48			48	
M29	method of disposal	DP			55D	53							

TABLE 1 (Continued)

Module 2: MINC5

	Description		Survey #										
			1	2	3	4	5	6	7	8	9	10	11
M30	property disposed used as dwell.	DP		47	58	55							
M31	date of disposal				59	56							43
DPSELL	net selling price			48	60	57							44
M32	amt of mortgage paid off			49	61	58							44A
M33	refinanced principal			52A									
M34	refinanced amortization period			52B									
M35	refinanced interest rate			53									
M36	is this your main dwelling?												22
M37	money in banks, trusts, etc.		56A	54A	64A	61A		54A	72A	41A	41A	72A	66A
M38	money in RRSP		56B	55B	65B	62B		54B	72B	41B	41B	72B	66B
M39	money in pension fund		56C	56C	66C	63C		54C	72C	41C	41C	72C	66C
M40	money in bonds, securities		56D	57C	67D	64D		54D	72D	41D	41D	72D	66D
M41	mortgages, loans owed to you		56E	58E	68E	65E		54E	72E	41E	41E	72E	66E
INSUR	money in insurance policies		56F	59F	69F	66F		54F	72F	41F	41F	72F	66F
M42	cash on hand			60G	70G	67G		54G	72G	41G	41G	72G	66G

TABLE 1 (Continued)

Module 2 : HINC5

	Description		Survey #										
			1	2	3	4	5	6	7	8	9	10	11
M43	vehicle--type	S	58			69		42N		43N		74N	67A
VEH1	vehicle--current value	S	63			74		47N		48N		79N	72
M44	durables--item code	S	65A			76		50N		50N		82N	74
DUR	durables--value if bought this year	S	67			82		54N		54N		85N	78
M45	durables--value if not bought this year	S	69										
M46	durables--other item code	S	71			84							
M47	durables--other item value	S	74			87							
M48	durables--item code acquisitions	F		62	72			50		50		82	
M49	durables--acquisition value	F		62A	75			54		54		86	
M50	durables--disposal item code	F		64B	84								
M51	durables--disposal item value	F		64A	87								
M52	durables--acquisition join item code	F			78								
M53	durables--acquisition join item value	F			82								
M54	durables--disposal since DLI code	F			84								
M55	durables--disposal since DLI value	F			87								

TABLE I (Continued)
Module 8: MINCS

	Description		Survey #										
			1	2	3	4	5	6	7	8	9	10	11
M56	durables--disposal split item code	F			90								
M57	durables--disposal split item value	F			92								
M58	vehicle--acquisition type	F						42		43		74	
M59	vehicle--value	F						47		48		79	
M60	vehicle--still owns?	S						47P		48P		79P	
M61	durables--still owns?	S						54P		54P		86P	
A4	net revenue from sale of farm/business				99	95							
A2	capital gain or capital loss?			69	100C								
A3	amount gain/loss			70	101								
A5	amount alimoney/support paid				108	102	28	28	28	57	26	57	51
A1	amount other support paid		86	77	110	104	30	30	59	28	26	59	53
M62	amount of family allowance		104A	86A	119A	106A	32A	32A	67A	36A	36A	67A	61A
M63	amount pension from employees		104B	86B	119B	106B	32B	32B	67B	36B	36B	67B	61B
M64	amount Canada/Quebec pension		104C	86C	119C	106C	32C	32C	67C	36C	36C	67C	61C
M65	amount annuity income		104D	86D	119D	106D	32D	32D	67D	36D	36D	67D	61D

TABLE 1 (Continued)

Module 2: MINCS

	Description		Survey #										
			1	2	3	4	5	6	7	8	9	10	11
M66	amount insurance income		104E	86E	119E	106E	32E	32E	67E	36E	36E	57E	61E
M67	amount old age security		104F	86F	119F	106F	32F	32F	67F	36F	36F	67F	61F
M68	amount alimony/child support rec.		104G	86G	119G	106G	32G	32G	67G	36G	36G	67G	61G
M69	amount other gov't income #1		104Y	86I	119Y	106Y	32Y	32Y	67Y	36Y	36Y	67Y	61I
M70	amount other income source		104M	86M	119M	106M	32M	32M	67M	36M	36M	57M	61K
M71	type--other income source		104L	86L	119L	106L	32L	32L	67L	36L	36L	57L	61L
M72	amount inv. income since DLI					110		31B	67H	36H	36H	67H	61H
M73	amount inv. income 1974					108							
M74	amount welfare since DLI		93	82	115	112	34	34	62	31	31	62	56
M75	municipal or provincial welfare?		94	83	116	113	35	35	63	32	32	63	57
M76	amount inc. from non-relative		103Y	88	121	115	37	37	65	34	34	65	59
M77	member receiving UIC				113								
UIWW	no. of weeks UIC payments				113A								
UIAA	average UIC per cheque				113B								
UIW	week of family UIC		88	79									

TABLE 1 (Continued)

Module 5: MINC5

	Description	Survey #										
		1	2	3	4	5	6	7	8	9	10	11
LIA	amount of UIC for average cheque	89	80									
MTT	manpower training allowance	99	85	118								
WCC	worker's compensation	104S	86S	119S								
M78	date interview conducted	HD29	HD29	HD27	HD27	HD28	HD23	HD28	HD28	HD28	HD28	HD18
M79	date of last interview			HD38	HD23	HD23	HD23	HD23	HD23	HD23	HD23	HD23	HD19
M80	original family number	HD27	HD27	HD25	HD25	HD26	HD26	HD26	HD26	HD26	HD26	HD26
M81	survey number	HD03	HD03	HD03	HD03	HD03	HD03	HD03	HD03	HD03	HD03	HD03
M82	amount owed to banks	78A	65A	94A	90A		39A	68A	37A	37A	68A	62A
M83	amount owed to finance company	78B	65B	94B	90B		39B	68B	37B	37B	68B	62B
M84	amount owed to charge accounts	78C	65C	94C	90C		39C	68C	37C	37C	68C	62C
M85	amount owed to friends, relatives	78D	65D	94D	90D		39D	68D	37D	37D	68D	62D
M86	amount owed to others	78E	65E	94E	90E		39E	68E	37E	37E	68E	62E

TABLE
Module :

	Description		Survey #										
			1	2	3	4	5	6	7	8	9	10	11
UIA	amount of UIC for average cheque		89	80									
MTT	manpower training allowance		99	35	118								
WCC	worker's compensation		104S	86S	119S								
M78	date interview conducted		HD29	HD29	HD27	HD27	HD28	HD28	HD28	HD28	HD28	HD28	HD18
M79	date of last interview			HD38	HD23	HD23	HD23	HD23	HD23	HD23	HD23	HD23	HD19
M80	original family number		HD27	HD27	HD25	HD25	HD26	HD26	HD26	HD26	HD26	HD26	HD26
M81	survey number		HD03	HD03	HD03	HD03	HD03	HD03	HD03	HD03	HD03	HD03	HD03
M82	amount owed to banks		78A	65A	94A	90A		39A	68A	37A	37A	68A	62A
M83	amount owed to finance company		78B	65B	94B	90B		39B	68B	37B	37B	68B	62B
M84	amount owed to charge accounts		78C	65C	94C	90C		39C	68C	37C	37C	68C	62C
M85	amount owed to friends, relatives		78D	65D	94D	90D		39D	68D	37D	37D	68D	62D
M86	amount owed to others		78E	65E	94E	90E		39E	68E	37E	37E	58E	62E

TABLE 1 (Continued)

Module 5: MINCS

	Description		1	2	3	4	5	6	7	8	9	10	11
								Survey #					
DDD	total odd-job earnings					68C	63	64	67	72	72	72	72
	gross earnings 1974, 1974					68					58A		
TBA	tip, bonus, comm. (amt)	LW		6B	8	31	27B	27B	27B	27B	30B	30B	30B
	tip, bonus, comm. (amt)	LF		54	56								
TBU	tip, bonus, comm. (unit)	LW		6A	8A	31A	27A	27A	27A	27A	30A	30A	30A
	tip, bonus, comm. (unit)	LF		54A	56A								
	tip, bonus, comm. (amt)	LW	6										
	tip, bonus, comm. (amt)	LF	36										
EARN1	total earned since LI			19	21	45	43	43	43				
EARN2	total earned since LI			55	57								
EARN3	total earned since January 1,1974		56										
EARN4	total earned since LI (QC)					45A	43A	44	44	44	47		
BENE	job benefits			33	35	47	45	46	46	46	49	49	49
RETRO	retroactive pay since LI					49	47	48	48	48	51	51	51
SEV	severance pay since LI						16B	16B	16B	16B	19	19	19

TABLE 1 (Continued)
Module 5: MINC5

	Description			Survey #									
				1	2	3	4	5	6	7	8	9	10	11
STR	strike pay							52B	53B	50	50	56	56	56
WUIC	no. of weeks UIC payments						62	55A	56A	59A	59A	64A	64A	64
DUIC	average UIC per cheque						63	56B	57B	60B	60B	65B	65B	65
MTA	manpower training allowance						65	58	59	62	62	67	67	67
WCOM	worker's compensation						67	60	61	64	64	69	69	69
DI	date interview conducted			HD29	HD29	HD28	HD26	HD28	HD28	HD28	HD30	HD30	HD30	HD18
DLI	date of last interview			--	HD38	HD23	HD29	HD23	HD23	HD23	HD23	HD23	HD23	HD19
OMN	original member number			HD28	HD28	HD27	HD25	HD27	HD27	HD27	HD27	HD27	HD27	HD25
OFN	original family number			HD27	HD27	HD26	HD24	HD26	HD26	HD26	HD26	HD26	HD26	HD24
CMN	current member number			HD26	HD26	HD25	HD23	HD25	HD25	HD25	HD25	HD25	HD25	HD23
SURV	survey number			HD03	HD03	HD03	HD03	HD03	HD03	HD03	HD03	HD03	HD03	HD03