

A STUDY OF HUMAN ADJUSTMENT
IN FORT McMURRAY HS 30.5

TECHNICAL MANUAL

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Project conducted through Thames Group Research Inc. and
The Population Research Laboratory, The University of Alberta

Prepared For
Alberta Oil Sands Environmental Research Program
Environment Alberta

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1. INTRODUCTION

The following technical manual is intended to document the computer file which contains the results of the A.O.S.E.R.P. Study of Human Adjustment in Fort McMurray. This manual contains several sections which refer either to the accompanying computer output from that file, or to the technical aspects of creating scales and indices to be used in the draft final report.

The data file contains coded responses for 430 interviews conducted by the Population Research Laboratory, University of Alberta. The data was collected during May and June of 1979, and will be more fully described in the final report for this project.

The computer readable file has been edited for record completeness, out-of-bounds codes and consistency of response. This, however, constitutes only a preliminary edit. Appropriate caution should be exercised in using the data. From an initial 433 interviews, three were totally eliminated because of their incompleteness (two cases where respondents quit part-way through the interview), or because an inappropriate interview was conducted (one case).

The training manual is an unrevised reproduction of the actual form distributed to interviewers. It was later used as a basic part of the interviewer training. The interview is again a reproduction (unedited) of the form used in the interviewing. The same is true of the codebook which directly references the interview questions. This codebook is to be used to read the raw data. Information on scales and indices, recoding, and reliabilities is included to allow for the replication of the analysis to be reported in the final report. The information contained in this technical manual will not be repeated in the final report for A.O.S.E.R.P. It should be completely adequate to document the data file created.

2. INTERVIEW SCHEDULE

**A STUDY OF HUMAN ADJUSTMENT
IN FORT McMURRAY**

by the

Population Research Laboratory
Department of Sociology
University of Alberta

Principal Investigator: John W. Gartrell Ph. D.

for

Alberta Oil Sands Environmental Research Program
Department of Environment
Government of Alberta

May-June 1979

PART A TO BE COMPLETED BY INTERVIEWER

PLEASE
LEAVE BLANK

PART A

1. Address
label

2. Enumeration area _____

3. Interviewer's name _____

4. Record of Visits:

Attempted Contacts	<u>Time</u>	<u>Contact</u> <u>Date</u>	<u>Appointment Arranged For</u> <u>Time</u> <u>Date</u>
-----------------------	-------------	-------------------------------	--

1. _____

Reason for no interview: _____

2. _____

Reason for no interview: _____

3. _____

Reason for no interview: _____

4. _____

Reason for no interview: _____

5. _____

Reason for no interview: _____

Number of total visits: _____

PLEASE
LEAVE BLANK

5. House type (CIRCLE)
- | | |
|--------------------------------|--|
| Single house1 | Multiple family apartments
with elevators6 |
| Semi-detached2 | House attached to non-
residential structure7 |
| Duplex or triplex3 | Mobile home8 |
| Row house4 | Other (specify)9 |
| Multiple family walk up5 | |
6. Number of dwelling units on top of each other _____
7. Total number of units in building _____

PART B

Time _____ Date _____

8. We would like to ask you a few questions about the people who live in this household. Including yourself, how many persons altogether live here?

Adults _____

Children _____

Total persons _____

9. (a) What is your name? (FILL IN)
- (b) Please give me the names of all the others who live in this household. (FILL IN ALL NAMES. THEN PROCEED TO QUESTIONS BELOW AND FILL IN FOR EACH HOUSEHOLD MEMBER.)
10. What is the relationship of (NAME) to you?
11. IF NOT CLEAR FROM NAME: Is (NAME) male or female? (CODE M F)
12. What is (NAME'S) marital status?
- | | | |
|-------|-------------------|------------------|
| (CODE | Single1 | Divorced4 |
| | Married2 | Separated5 |
| | Common law3 | Widowed6) |
13. What is (NAME'S) date of birth?
14. How many completed years of education does (NAME) have? (CODE EXACT NUMBER OF COMPLETED YEARS)
15. What is (NAME'S) employment status?
- | | | |
|-------|--|--------------------|
| (CODE | Employee (salary/wages)....1 | Retired5 |
| | Self-employed2 | Housewife6 |
| | Family business or
farm (unsalaried)3 | Student7 |
| | Unemployed4 | Pre-school8) |

insert sampling
chart here

MARK "R" BESIDE RESPONDENT'S NAME. ENTER RESPONDENT'S NUMBER
FROM HOUSEHOLD INFORMATION CHART.

Respondent's number

PART C

Time _____ Date _____

PLEASE
LEAVE BLANK

16. We'd like to begin by asking you some questions about your background. Have you always lived in Fort McMurray?

Yes = 1 No = 0

IF YES GO TO Q. 31.

17. (a) Where did you spend most of your time when you were growing up? (Place, province/country) _____

(b) How long did you live there? _____ years

(c) Was it: (CIRCLE) Rural = 1 Small town = 2 City = 3

18. Where did you live just before coming to Fort McMurray? (Place, province/country) _____

19. Was it: Rural = 1 Small town = 2 City = 3

20. How long did you live there? _____ years

21. What type of housing did you have there?

Single house	1	Multiple family apartments	
Semi-detached	2	with elevators	6
Duplex or triplex	3	House attached to non-	
Row house	4	residential structure	7
Multiple family walk up	5	Mobile home	8
		Other (specify) _____	9

22. When did you move to Fort McMurray? Month _____ Year _____

23. Were you unemployed just before you came to Fort McMurray?

Yes = 1 No = 0

24. (a) Did you have a job here before you came?

No = 0 IF NO



- (b) Did you find a job right away?

Yes = 1

Yes = 1

No = 0

25. Did you make an exploratory visit to Fort McMurray before moving here?

Yes = 1 No = 0

PLEASE
LEAVE BLANK

RECONFIRM R'S MARITAL STATUS ... "You're presently married/single etc."
IF NOT MARRIED/LIVING COMMON LAW GO TO Q. 28.

26. Did your spouse also make an exploratory visit?

Yes = 1 No = 0 NA = 9

27. Was the decision to move made by:

Yourself 1
Yourself, after consulting with your spouse 2
You and your spouse together 3
Your spouse, after consulting with you 4
Your spouse 5
Can't recall 8

→ 28. How long did you intend to stay in Fort McMurray when you moved here? _____ years

29. How many moves have you made between different places (towns/cities) in the last five years? _____

No. of moves between places

30. (a) Have you lived in other remote resource communities?

Yes = 1 No = 0

IF NO GO TO Q. 31.

(b) Where was this? LIST PLACE, PROVINCE, COUNTRY.

→ 31. How long do you plan to stay in Fort McMurray: _____ years

32. (a) Have you moved within Fort McMurray:

Yes = 1 No = 0

IF NO GO TO Q. 34.

(b) How many times? _____

PLEASE
LEAVE BLANK

33. What type of housing did you have when you first lived here?

- | | | | |
|-------------------------------|---|-----------------------------|---|
| Single house | 1 | Multiple family apartments | |
| Semi-detached | 2 | with elevators | 6 |
| Duplex or triplex | 3 | House attached to non- | |
| Row house | 4 | residential structure | 7 |
| Multiple family walk up | 5 | Mobile home | 8 |
| | | Other (specify) | 9 |

->34. How many of your friends moved out of town in the past year?

IF R IS NOT MARRIED/LIVING COMMON LAW, GO TO Q. 44.

35. Has your spouse ever had a full-time job?

Yes = 1 No = 0

IF NO GO TO Q. 38.

36. Now we would like to find out something about your spouse's present (or last) full-time job:

(a) What is/was the title of that job? _____

(b) What does/did that job involve? _____

(c) What is/was the name of the organization? _____

(d) What type of organization or industry is that? What does it do? _____

(e) Over what period was this employment? (Month, Year)

From _____ to _____

(f) What kind of employment status did that involve? (READ

RESPONSES) Wage/salaried = 1

Self-employed = 2

Other = 3

PLEASE
LEAVE BLANK

37. How many different full-time jobs has your spouse had in Fort McMurray? _____

→38. When were you married (present marriage, or started living common law)?

Month _____ Year _____

39. Have you ever been married before? Yes = 1 No = 0

40. How many children have you had? (live-born children) How many boys ... girls?

Boys _____ Girls _____

(IF APPLICABLE) No. adopted: Boys _____ Girls _____

41. In total, how many children do you plan to have? _____

IF R HAS NO CHILDREN GO TO Q. 44.

42. Are any of your children not living at home now?

Yes = 1 No = 0

IF NO, GO TO Q. 44.

43. (a) What are the names of these children? (COMPLETE LIST. THEN FOR EACH CHILD ASK:)

(b) IF NOT CLEAR FROM NAME: Is (NAME) male or female?

(c) What is (NAME'S) date of birth?

(d) When did he/she leave?

Name	Sex	Date of birth			Year moved out
		Day	Mo.	Yr.	
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

PLEASE
LEAVE BLANK

→44. Now we would like to ask you a few questions about your parents.
Did you or your parents immigrate to Canada? (CIRCLE)

	<u>No</u>	<u>Yes</u>	
(a) Parents	0	1	
(b) You	0	1	IF YES
			→ (c) When _____ year

45. To what ethnic group does/did your father belong?

46. How many years of education did he have? _____ completed years

47. How many years of education did your mother have?

_____ completed years

48. When you were 16 years old, what was your father's occupation?

ASK IF RETIRED, UNEMPLOYED, OR DECEASED WHEN RESPONDENT 16 YEARS OLD:

What was his occupation previously? _____

49. When you were 16 years old, what was your mother's occupation?

ASK IF RETIRED, UNEMPLOYED, OR DECEASED WHEN RESPONDENT 16 YEARS OLD:

What was her occupation previously? _____

50. Now about your own occupational history. How many months were
you employed full-time in the last 12 months? _____ months

51. (How many months were you employed) part-time? _____ months

PLEASE
LEAVE BLANK

52. In the past 12 months, have you looked for a full or part-time job:

Full-time

Part-time

(a) in Fort McMurray Yes = 1 No = 0 Yes = 1 No = 0

(b) outside of Fort McMurray Yes = 1 No = 0 Yes = 1 No = 0

53. Since you began working full-time, how many times have you ever been unemployed ... I mean out of work and looking for work? _____

54. How many different full-time jobs have you had since you started working (full-time), including your present one? _____

IF NONE GO TO Q. 71.

55. (a) What is the job title of your present or last full-time job?
(RECORD IN TABLE, CIRCLE WHETHER PRESENT OR LAST)

(b) What does/did that job involve (describe)?

(c) What was the name of the organization/employer?

(d) What type of organization is that? What does it do?

(e) Over what period was this employment?

(f) What kind of employment was that? (READ RESPONSES. RECORD IN TABLE)

Wage/salaried = 1

Self-employed = 2

Other = 3

CONTINUE FOR Q. 56 TO Q. 58. IF A PREVIOUS JOB IS THE SAME IN ALL RESPECTS, SIMPLY RECORD "SAME".

	(a) Job Title	(c) Name of Organization	(d) Organization Type	(e) Employed From	(e) Employed To	(f) Kind of Employ.
(CIRCLE) 55. Present Job Last						
(b) Job Description: (WRITE OUT)						
56. First Job in Fort McMurray						
(b) Description:						
57. Job Before Fort McMurray						
(b) Description:						
58. First Job						
(b) Description:						

PLEASE
LEAVE BLANK

59. How many different full-time jobs have you had in Fort McMurray?

IF NOT CURRENTLY EMPLOYED GO TO Q. 71.

60. Outside your main job, about how many hours a week on the average do you work for pay? _____ hours/week

61. I'd like you to tell me about your main job. Do you work shiftwork?
Yes = 1 No = 0

62. How long does it take you to get to work? _____ minutes

63. During the last two weeks, how many hours overtime have you worked?
(Overtime = over 40 hours if not specifically designated by employer)
_____ hours

64. For how long have you worked for your present employer (or yourself, if self-employed)? _____ years _____ months

65. (PHRASE IN SAME SEX AS R). If a good friend was interested in working in a job like yours for your employer, what would you tell (him/her)? Would you strongly recommend this job, would you probably recommend it, would you have doubts about recommending it, or would you strongly advise (him/her) against it?

Strongly Recommend It	Probably Recommend It	Have Doubts About Recommending It	Advise (Him/Her) Against It
--------------------------	--------------------------	--	-----------------------------------

4

3

2

1

66. Knowing what you know now, if you had to decide all over again, would you take the same job without any hesitation, would you probably take the same job, would you have some second thoughts, or would you decide definitely not to take the same job?

Decide to Take Same Job Without Hesitation	Probably Take Same Job	Have Some Second Thoughts	Decide Not To Take Job
--	------------------------------	---------------------------------	---------------------------

4

3

2

1

67. I'll read off some fringe benefits. Please tell me whether you personally receive these from your employer.

PLEASE
LEAVE BLANK

	<u>Yes</u>	<u>No</u>	
(a) Supplementary medical (e.g. Blue Cross)	1	0	—
(b) Dental plan	1	0	—
(c) Life insurance	1	0	—
(d) Pension plan	1	0	—
(e) A training program you can take to improve your skills	1	0	—
(f) Stock options or profit sharing	1	0	—
(g) Meals	1	0	—
(h) Free or discounted merchandise	1	0	—
(i) Recreational facilities	1	0	—
(j) Transportation (cars, vehicles, other allowances)	1	0	—
(k) Cost of living /northern allowance	1	0	—
(l) Utilities subsidy	1	0	—

68. GIVE R CARD A.

Here are some statements that describe different aspects of a person's job. If you strongly agree you would say 7. If you strongly disagree you would say 1. If you neither strongly agree nor strongly disagree, you would put yourself somewhere from 2 to 6; for example, 4 means that you agree as strongly as you disagree.

(a) The people I work with are friendly and helpful.

Strongly Disagree						Strongly Agree
1	2	3	4	5	6	7

—

PLEASE
LEAVE BLANK

- (b) I have an opportunity to develop my own special abilities.

Strongly
Disagree

Strongly
Agree

1 2 3 4 5 6 7

- (c) I have enough authority to do my job.

Strongly
Disagree

Strongly
Agree

1 2 3 4 5 6 7

- (d) The fringe benefits are good.

Strongly
Disagree

Strongly
Agree

1 2 3 4 5 6 7

- (e) I can see the results of my work.

Strongly
Disagree

Strongly
Agree

1 2 3 4 5 6 7

- (f) My supervisor is very concerned about the welfare of those under her/him.

Strongly
Disagree

Strongly
Agree

1 2 3 4 5 6 7

- (g) Promotions are handled fairly.

Strongly
Disagree

Strongly
Agree

1 2 3 4 5 6 7

69. Using the same card, would you please tell me whether you Strongly Disagree to Strongly Agree with the following:

- (a) I wouldn't mind being unemployed for a while.

Strongly
Disagree

Strongly
Agree

1 2 3 4 5 6 7

(b) Earning a living is the most important thing to me.

Strongly
Disagree

Strongly
Agree

1 2 3 4 5 6 7

PLEASE
LEAVE BLANK

—

(c) If I could earn twice as much as I do now I would take any job.

Strongly
Disagree

Strongly
Agree

1 2 3 4 5 6 7

—

70. GIVE R CARD B.

Next I'll read a list of things that might describe your job.
How much does your job:

(a) Require special training.

Not
at all

A
lot

1 2 3 4 5 6 7

—

(b) Require you to work very fast.

Not
at all

A
lot

1 2 3 4 5 6 7

—

(c) Require you to do things over and over.

Not
at all

A
lot

1 2 3 4 5 6 7

—

(d) Allow you to decide how your own job should be done.

Not
at all

A
lot

1 2 3 4 5 6 7

—

(e) Allow you to predict what others expect of you.

Not
at all

A
lot

1 2 3 4 5 6 7

—

PLEASE
LEAVE BLANK

(f) Lead to close friendships.

Not at all							A lot
1	2	3	4	5	6		7

TAKE BACK CARD B.

→71. Now I'd like to ask you about your neighbourhood and the people around here. How many of the adults in this neighbourhood (i.e. within this "block") would you know by name if you met them on the street? (READ RESPONSES & CIRCLE)

None	0
Almost none	1
Less than half	2
About half	3
More than half	4
Almost all	5
All of them	6

72. GIVE R CARD C.

How often do you get together with any of these neighbours just for a chat?

Never	0
Almost never	1
Less than once a month	2
Once a month	3
Several times a month	4
Several times a week	5
Almost daily	6
Daily	7

73. How often do you visit with friends in Fort McMurray either in your home or their home?

Never 0
 Almost never 1
 Less than once a month2
 Once a month3
 Several times a month4
 Several times a week5
 Almost daily6
 Daily7

74. How often do you visit with relatives in Fort McMurray either in your home or theirs (includes all relatives)?

Never0
 Almost never1
 Less than once a month2
 Once a month3
 Several times a month4
 Several times a week5
 Almost daily6
 Daily7

75. How often are you in contact with friends outside Fort McMurray, including letters, phone calls and visits?

Never0
 Almost never1
 Less than once a month2
 Once a month3
 Several times a month4
 Several times a week5
 Almost daily6
 Daily7

PLEASE
LEAVE BLANK

PLEASE
LEAVE BLANK

76. How often are you in contact with relatives outside Fort McMurray, including letters, phone calls and visits.

Never0
 Almost never1
 Less than once a month2
 Once a month3
 Several times a month4
 Several times a week5
 Almost daily6
 Daily7

TAKE BACK CARD C.

77. (a) In total, how many clubs and organizations do you belong to (Lions, bridge clubs, athletic clubs, churches, unions, etc.)?

- (b) How many club or organization meetings did you attend last month?

78. How many times have you attended church in the last month?

79. (a) Do you belong to a labour union or employee association?

Yes = 1 No = 0

IF NO GO TO Q. 80.

- (b) How often do you participate in union/association activities (meetings, parties, sports)? (READ & CIRCLE)

Never1
 Seldom2
 Sometimes3
 Often4
 Very Often5

→ 80. What is your religious affiliation?

None	01	Mormon	09
Alliance	02	Pentecostal	10
Anglican	03	Presbyterian	11
Baptist	04	Roman Catholic	12
Greek Orthodox	05	Salvation Army	13
Jewish	06	Ukrainian Catholic ...	14
Lutheran	07	United Church	15
Mennonite	08	Other (specify) _____	

PLEASE
LEAVE BLANK

81. In the last month, approximately how many hours have you spent doing volunteer work? _____

82. We would also like to know how much you are involved in political activities. Did you vote:

	<u>Yes</u>	<u>No</u>	<u>Not Eligible</u>
(a) in the last municipal election	1	0	8
(b) in the last provincial election	1	0	8
(c) in the last federal election	1	0	8

83. We are interested in finding out how well known Fort McMurray leaders are in the community. Can you tell me the name of:
(RECORD R'S ANSWER)

(a) Fort McMurray's Chairman (Mayor) _____

(b) the Member in the Provincial Legislature (M.L.A.)
representing Fort McMurray _____

(c) the Regional Commissioner _____

(d) the Town Manager _____

84. Approximately how many days were you away from Fort McMurray for a trip or vacation in the past year (or since coming to Fort McMurray, if less than one year resident)? _____

PLEASE
LEAVE BLANK

85. GIVE R CARD D.

Now we'd like to ask you some questions about how often you do various things. Tell me the number on the card which describes how often you do them. How often do you use credit cards?

Never	Seldom	Sometimes	Often	Very Often
1	2	3	4	5

86. Now I will read you a list of different things people do for recreation or exercise. How often, in season, do you:

(a) do individual exercises, go jogging, or walk for exercise

Never	Seldom	Sometimes	Often	Very Often
1	2	3	4	5

(b) go fishing, hunting, camping, or hiking

Never	Seldom	Sometimes	Often	Very Often
1	2	3	4	5

(c) go swimming

Never	Seldom	Sometimes	Often	Very Often
1	2	3	4	5

(d) go skiing, snowshoeing, or skating

Never	Seldom	Sometimes	Often	Very Often
1	2	3	4	5

(e) play team sports (e.g. basketball, hockey, soccer, etc.)

Never	Seldom	Sometimes	Often	Very Often
1	2	3	4	5

(f) participate in non-team sports (e.g. golf, tennis, badminton, etc.)

Never	Seldom	Sometimes	Often	Very Often
1	2	3	4	5

- (g) What other recreation or exercise activities do you participate in? _____

How often? (CIRCLE)

Never	Seldom	Sometimes	Often	Very Often
1	2	3	4	5

87. Now I am going to read a list that describes some of the ways people feel at different times. Please use the same card to tell how often during the past few weeks you have felt this way.

- (a) very lonely or remote from other people

Never	Seldom	Sometimes	Often	Very Often
1	2	3	4	5

- (b) particularly excited or interested in something

Never	Seldom	Sometimes	Often	Very Often
1	2	3	4	5

- (c) depressed or very unhappy

Never	Seldom	Sometimes	Often	Very Often
1	2	3	4	5

- (d) pleased about having accomplished something

Never	Seldom	Sometimes	Often	Very Often
1	2	3	4	5

- (e) bored

Never	Seldom	Sometimes	Often	Very Often
1	2	3	4	5

- (f) proud because someone complimented you on something you had done

Never	Seldom	Sometimes	Often	Very Often
1	2	3	4	5

- (g) angry

Never	Seldom	Sometimes	Often	Very Often
1	2	3	4	5

- (h) upset because someone criticized you

Never	Seldom	Sometimes	Often	Very Often
1	2	3	4	5

PLEASE
LEAVE BLANK

TAKE BACK CARD D.

- Yes = 1 IF YES

cigarettes cigars cigarillos pipes

89. In the last twelve months, about how often have you taken at least one drink of beer, wine or liquor? (DON'T READ EXCEPT FOR PROBE)

Two or more times daily 7

A shot with a beer chaser or a double should be counted as two drinks.

- Yes No/Not applicable

(p) promotion at work 1 0

91. Aside from any paid vacation and holidays, how many days of scheduled work have you missed for any reason in the past year?

_____ days

92. How many times have you seen a medical doctor in the past year?

93. Now I have some questions about your living accommodations. How long have you lived in this residence?

_____ Years _____ Months

94. How many finished rooms are there in this dwelling (including basement development)?

95. How many bedrooms are there? _____

96. How many bathrooms are there? _____

97. (a) Do you presently own, lease-purchase or rent? (CIRCLE)

Own1 IF OWNS

_____ →

- (b) Did your employer (or your spouse's employer) assist you in buying your home? (CIRCLE)

Yes = 1 No = 0

- (c) If you put your residence up for sale today, how much would you ask for it? \$ _____

Lease-purchase2 IF LEASE-PURCHASE

_____ →

- (d) Is this arranged through your employer or your spouse's employer?

Yes = 1 No = 0

- (e) What would you consider to be the true market value of the property? \$ _____

Rent3 IF RENTS

_____ →

- (f) Does your employer subsidize your rent?

Yes = 1 No = 0

Other (Specify) ...4

PLEASE
LEAVE BLANK

PLEASE
LEAVE BLANK

98. How much a month do you pay in rent or mortgage payments (including taxes and land rent if applicable)?

Amount to nearest dollar \$ _____

99. GIVE R CARD E.

According to the scale on the card, how would you rate the following aspects of your residence?

		Very Poor					Very Good	
—	(a) landscaping	1	2	3	4	5	6	7
—	(b) room design	1	2	3	4	5	6	7
—	(c) amount of interior space	1	2	3	4	5	6	7
—	(d) condition of interior	1	2	3	4	5	6	7
—	(e) amount of exterior space	1	2	3	4	5	6	7
—	(f) condition of exterior (repair)	1	2	3	4	5	6	7
—	(g) places for children to play	1	2	3	4	5	6	7
—	(h) amount of privacy from neighbours	1	2	3	4	5	6	7
—	(i) parking	1	2	3	4	5	6	7
—	(j) storage	1	2	3	4	5	6	7
—	(k) insulation	1	2	3	4	5	6	7
—	(l) level of noise	1	2	3	4	5	6	7
—	(m) amount of taxes	1	2	3	4	5	6	7
—	(n) cost to maintain	1	2	3	4	5	6	7

100. GIVE R CARD F.

Now, for each area of life I am going to name, tell me the number that shows how much satisfaction you get from that area.

PLEASE
LEAVE BLANK

- (a) your non-working activities - hobbies and so on

Very
Dissatisfied

Very
Satisfied

1 2 3 4 5 6 7

- (b) your family life

Very
Dissatisfied

Very
Satisfied

1 2 3 4 5 6 7

- (c) your friendships

Very
Dissatisfied

Very
Satisfied

1 2 3 4 5 6 7

- (d) your standard of living = the things you have - housing, car, furniture, recreation and the like

Very
Dissatisfied

Very
Satisfied

1 2 3 4 5 6 7

- (e) your neighbourhood

Very
Dissatisfied

Very
Satisfied

1 2 3 4 5 6 7

TAKE BACK CARD F.

101. Would you say that you (and your family) are better off or worse off or just the same financially as you were a year ago?

Better off3

Same2

Worse off1

PLEASE
LEAVE BLANK

102. Now looking ahead - do you think that a year from now you (and your family), will be better off financially, or worse off, or just about the same as now?

Better off3

Same2

Worse off1

103. GIVE R CARD G.

In a survey of Fort McMurray carried out earlier, residents made the following statements. We would like to know how strongly you agree or disagree with them.

- (a) You really have an easy time financially if you're working for the big companies.

Strongly
Disagree

Strongly
Agree

1 2 3 4 5 6 7

- (b) The companies are generous with their donations to the community.

Strongly
Disagree

Strongly
Agree

1 2 3 4 5 6 7

- (c) I really didn't have much choice about moving here.

Strongly
Disagree

Strongly
Agree

1 2 3 4 5 6 7

- (d) Overtime really interferes with our lives.

Strongly
Disagree

Strongly
Agree

1 2 3 4 5 6 7

- (e) Women have a good chance for real job equality here.

Strongly
Disagree

Strongly
Agree

1 2 3 4 5 6 7

- (f) Overall political-economic control of Fort McMurray rests in the hands of a few prominent business people.

Strongly Disagree						Strongly Agree
1	2	3	4	5	6	7

PLEASE
LEAVE BLANK

—

- (g) The Provincial government has really helped this town's development.

Strongly Disagree						Strongly Agree
1	2	3	4	5	6	7

—

- (h) Social class is important here.

Strongly Disagree						Strongly Agree
1	2	3	4	5	6	7

—

- (i) Local officials are easily accessible.

Strongly Disagree						Strongly Agree
1	2	3	4	5	6	7

—

- (j) Family breakdown is common around here.

Strongly Disagree						Strongly Agree
1	2	3	4	5	6	7

—

- (k) The oil plants are responsible for a lot of pollution.

Strongly Disagree						Strongly Agree
1	2	3	4	5	6	7

—

- (l) People here move so often it is hard to keep friends.

Strongly Disagree						Strongly Agree
1	2	3	4	5	6	7

—

- (m) It is hard to get the kind of housing you really want.

Strongly Disagree						Strongly Agree
1	2	3	4	5	6	7

—

PLEASE
LEAVE BLANK

(n) It's easy to make friends in this community.

Strongly
Disagree

Strongly
Agree

1 2 3 4 5 6 7

(o) There is a lack of coordinated planning around here.

Strongly
Disagree

Strongly
Agree

1 2 3 4 5 6 7

(p) There is lots for teenagers to do in this town.

Strongly
Disagree

Strongly
Agree

1 2 3 4 5 6 7

(q) Marital infidelity is common around here (I mean being unfaithful, cheating).

Strongly
Disagree

Strongly
Agree

1 2 3 4 5 6 7

(r) Unions aren't powerful enough in Fort McMurray.

Strongly
Disagree

Strongly
Agree

1 2 3 4 5 6 7

(s) This is the kind of place where you can establish a permanent home.

Strongly
Disagree

Strongly
Agree

1 2 3 4 5 6 7

(t) Life here seems to be a continual financial struggle.

Strongly
Disagree

Strongly
Agree

1 2 3 4 5 6 7

(u) Private businessmen here are making a killing.

Strongly
Disagree

Strongly
Agree

1 2 3 4 5 6 7

104. We would like to know how strongly you agree or disagree with the following statements:

PLEASE
LEAVE BLANK

- (a) Most of the things that happen to me are the result of my own decisions.

Strongly Disagree						Strongly Agree
1	2	3	4	5	6	7

—

- (b) I am the sort of person who takes life as it comes.

Strongly Disagree						Strongly Agree
1	2	3	4	5	6	7

—

- (c) I often feel powerless to get what I want out of life.

Strongly Disagree						Strongly Agree
1	2	3	4	5	6	7

—

- (d) I often feel that there isn't much purpose to being alive.

Strongly Disagree						Strongly Agree
1	2	3	4	5	6	7

—

- (e) I feel that I am working toward some definite goal.

Strongly Disagree						Strongly Agree
1	2	3	4	5	6	7

—

- (f) It's alright to do anything you want as long as you stay out of trouble.

Strongly Disagree						Strongly Agree
1	2	3	4	5	6	7

—

- (g) What is lacking in the world today is the kind of friendship that lasts a lifetime.

Strongly Disagree						Strongly Agree
1	2	3	4	5	6	7

—

PLEASE
LEAVE BLANK

- (h) I generally have confidence that when I make plans I will be able to carry them out.

Strongly
Disagree

Strongly
Agree

1 2 3 4 5 6 7

- (i) Anyone who works hard can get ahead.

Strongly
Disagree

Strongly
Agree

1 2 3 4 5 6 7

- (j) The trouble with the world today is that most people really don't believe in anything.

Strongly
Disagree

Strongly
Agree

1 2 3 4 5 6 7

- (k) If something works, it doesn't matter whether it's right or wrong.

Strongly
Disagree

Strongly
Agree

1 2 3 4 5 6 7

IF R NOT MARRIED GO TO Q. 112.

105. GIVE R CARD H.

Please use the numbers on the card to tell me how you and your spouse share the following tasks:

- (a) Earning the family income

Husband
Entirely

Husband
More

Share
Equally

Wife
More

Wife
Entirely

1 2 3 4 5

- (b) Housekeeping - cooking, cleaning, laundry, etc.

Husband
Entirely

Husband
More

Share
Equally

Wife
More

Wife
Entirely

1 2 3 4 5

(c) Keeping in touch with relatives

Husband Entirely	Husband More	Share Equally	Wife More	Wife Entirely
1	2	3	4	5

PLEASE
LEAVE BLANK

106. GIVE R CARD I.

Please use the numbers on the card to tell me how often you and your spouse disagree about each of the following activities:

(a) housekeeping

Never	Seldom	Sometimes	Often	Very Often
1	2	3	4	5

(b) work schedules

Never	Seldom	Sometimes	Often	Very Often
1	2	3	4	5

(c) spending money

Never	Seldom	Sometimes	Often	Very Often
1	2	3	4	5

(d) visiting or writing relatives

Never	Seldom	Sometimes	Often	Very Often
1	2	3	4	5

107. We are also interested in general husband-wife communication. Could you tell us how frequently you do the following:

(a) discuss your work (jobs, housework)

Never	Seldom	Sometimes	Often	Very Often
1	2	3	4	5

(b) share personal problems

Never	Seldom	Sometimes	Often	Very Often
1	2	3	4	5

(c) find yourselves unable to resolve disagreements

Never	Seldom	Sometimes	Often	Very Often
1	2	3	4	5

PLEASE
LEAVE BLANK

108. How often do just the two of you get out together?

Never	Seldom	Sometimes	Often	Very Often
1	2	3	4	5

109. Has this increased, decreased or remained the same since coming to Fort McMurray?

Decreased = 1 Remained the same = 2 Increased = 3

IF R HAS NO CHILDREN GO TO Q. 112.

110. How often do you and your children do things together?

Never	Seldom	Sometimes	Often	Very Often
1	2	3	4	5

111. Has this increased, decreased or remained the same since coming to Fort McMurray?

Decreased = 1 Remained the same = 2 Increased = 3

➔112. GIVE R CARD J.

Generally how strongly do you approve or disapprove of:

(a) a married woman working if she has a husband capable of supporting her?

Strongly Disapprove						Strongly Approve
1	2	3	4	5	6	7

(b) a married woman working if she has pre-school age children, and a husband capable of supporting her?

Strongly Disapprove						Strongly Approve
1	2	3	4	5	6	7

(c) a married couple not bearing or rearing children?

Strongly Disapprove						Strongly Approve
1	2	3	4	5	6	7

113. GIVE R CARD K.

Now I'll read you a list of services. Please rate the quality of these services in Fort McMurray, using this card.

Service	Very Poor						Very Good	
(a) animal control	1	2	3	4	5	6	7	—
(b) fire protection	1	2	3	4	5	6	7	—
(c) garbage collection	1	2	3	4	5	6	7	
(d) health services	1	2	3	4	5	6	7	—
(e) library	1	2	3	4	5	6	7	—
(f) social services	1	2	3	4	5	6	7	—
(g) shopping	1	2	3	4	5	6	7	—
(h) recreation	1	2	3	4	5	6	7	—
(i) police protection	1	2	3	4	5	6	7	—
(j) school services	1	2	3	4	5	6	7	—
(k) sidewalks and back lanes	1	2	3	4	5	6	7	—
(l) snow and ice removal	1	2	3	4	5	6	7	—
(m) traffic lights	1	2	3	4	5	6	7	—
(n) telephone	1	2	3	4	5	6	7	—
(o) downtown parking	1	2	3	4	5	6	7	—
(p) flood control	1	2	3	4	5	6	7	—
(q) street repair	1	2	3	4	5	6	7	—

114. In what ways do you think physical planning in Fort McMurray could be improved? (LIST UP TO THREE)

115. When there is a major development like the oil sands in Fort McMurray some people benefit and some don't. In your opinion, who has benefited most? (LIST UP TO THREE)

PLEASE
LEAVE BLANK

PLEASE
LEAVE BLANK

116. Who has benefited least? (LIST UP TO THREE)

117. To what social class do you belong? (DO NOT READ ANSWERS EXCEPT AS PROBE.)

Lower class	= 1	Upper middle class	= 5
Working class	= 2	Upper class	= 6
Lower middle class	= 3	No such thing	= 7
Middle class	= 4	Uncertain (DK)	= 8

118. In the past month, how often did you:

No. of times

(a) Go to the movies	<hr/>
(b) Go to a bar/lounge	<hr/>
(c) Eat out in a restaurant	<hr/>
(d) Entertain in your home	<hr/>
(e) Attend cultural activities (plays, concerts, etc.)	<hr/>

119. Now we would like to know something about the little things that go wrong in day-to-day life. Have the following things been a problem to you in Fort McMurray in the past 12 months?

	<u>Yes</u>	<u>No</u>
(a) finding good recreational activities.....	1	0
(b) finding a good household repairman	1	0
(c) cashing or writing a cheque	1	0
(d) getting special medical or dental treatment	1	0
(e) finding good entertainment (movies, dancing, plays)1		0
(f) borrowing money	1	0
(g) getting a car fixed	1	0
(h) vandalism, theft, problems with juveniles	1	0
(i) saving as much as you expected	1	0
(j) (IF R HAS CHILDREN) finding adequate babysitting or day care facilities	1	0

120. Now we would like to ask you about things that people have. (REFERS TO R'S HOUSEHOLD)

PLEASE
LEAVE BLANK

(a) How many telephones do you have? _____

(b) How many of the following vehicles do you have:

a. cars	_____	h. motor cycles	_____
b. boats with motor	_____	i. snowmobiles	_____
c. boats without motor	_____	j. truck-campers	_____
d. mobile homes	_____	k. trucks	_____
e. camper-vans	_____	l. vans	_____
f. camper-trailers	_____	m. bicycles	_____
g. jeeps	_____	n. other (WRITE IN)	_____

121. Do you have a: (CHECK)

(a) dishwasher	_____
(b) microwave oven	_____
(c) gas barbeque	_____
(d) food processor	_____
(e) golf clubs	_____
(f) skis	_____
(g) rifles/shotguns	_____
(h) automatic washer	_____
(i) dryer	_____
(j) freezer	_____
(k) garborator	_____
(l) stereo system	_____
(m) pool table	_____
(n) second home/cottage	_____
(o) other property	_____
(p) shares and stocks	_____
(q) bonds	_____

PLEASE
LEAVE BLANK

122. Do you yourself have:

- (a) RRSP _____
- (b) RHOSP _____
- (c) insurance on self _____
- (d) insurance on spouse _____
(IF APPLICABLE)

123. Now we have a few questions about the use of services in Fort McMurray. In the last 12 months have you:

	<u>Yes</u>	<u>No</u>
(a) called the police	1	0
(b) called the fire department (including for inspection)	1	0
(c) used the ambulance service	1	0
(d) used the hospital emergency services	1	0
(e) used the public health services	1	0
(f) used the utility maintenance services (water, power, sewage)	1	0
(g) taken post-secondary courses of any kind	1	0
(h) used counselling services	1	0

TEAR OFF THE LAST THREE PAGES OF QUESTIONNAIRE AND HAND TO RESPONDENT.

ASK HIM TO COMPLETE THE QUESTIONS, GIVING HIM/HER A PENCIL IF NECESSARY.

WHILE R IS FILLING IN THE FORM, CHECK BACK THROUGH THE INTERVIEW TO MAKE SURE THAT ALL QUESTIONS HAVE BEEN FILLED IN.

WHEN R HAS COMPLETED THE QUESTIONNAIRE ITEMS:

A. INSERT THOSE PAGES IN THE ENVELOPE PROVIDED.

B. ASK THE FOLLOWING:

124. (a) What is the telephone number here? _____

(b) So that we can get in touch with you again, could you please give us the name and address of a close friend.

(c) Could you please give us the name and address of a relative as well?

CLOSE FRIEND

RELATIVE

Name: _____

Name: _____

Address: _____

Address: _____

Phone: _____

Phone: _____

Time interview finished _____

THANK RESPONDENT

INTERVIEWER'S COMMENTS:

 Signature of Interviewer

PLEASE
LEAVE BLANK

125. Please write in the following information for you, your spouse (if married) and other members of your household (if applicable). If the amount is "0", please write it in.

- (a) During 1978 what were your total wages and salaries, commissions, bonuses, tips, etc. (before any deductions)?

	<u>You</u>	<u>Spouse</u>	<u>Others</u>
Amount \$	_____/00	_____/00	_____/00

- (b) During 1978 what was your net income from self-employment or operating your own business, professional practice, or partnership? (State total business income less expenses of operation. If lost money, give amount and write "Loss".)

	<u>You</u>	<u>Spouse</u>	<u>Others</u>
Amount \$	_____/00	_____/00	_____/00

- (c) During 1978 how much income, in total, did you receive from family allowances, Government pensions and other Government income (e.g. unemployment insurance, veterans' pensions and allowances, welfare)?

	<u>You</u>	<u>Spouse</u>	<u>Others</u>
Amount \$	_____/00	_____/00	_____/00

- (d) In 1978 how much income, in total, did you receive from other sources including pensions from previous employment, alimony, investment income, etc.?

	<u>You</u>	<u>Spouse</u>	<u>Others</u>
Amount \$	_____/00	_____/00	_____/00

126. Approximately how much do you owe to loan companies, banks, credit card companies and so on, beyond your house mortgage?

\$ _____

PLEASE
LEAVE BLANK

127. Here is a list of illnesses.

In the past 12 months,
have you had:

Have you been under
professional treatment for
this in the past 12 months?

(CIRCLE)

	<u>No</u>	<u>Yes</u>		<u>No</u>	<u>Yes</u>
(a) cold or flu	0	1	IF YES →	0	1
(b) eye problems ...	0	1	IF YES →	0	1
(c) ear problems ...	0	1	IF YES →	0	1
(d) asthma	0	1	IF YES →	0	1
(e) hay fever	0	1	IF YES →	0	1
(f) skin trouble or rash	0	1	IF YES →	0	1
(g) ulcers	0	1	IF YES →	0	1
(h) trouble with back or spine ..	0	1	IF YES →	0	1
(i) arthritis or rheumatism	0	1	IF YES →	0	1
(j) hypertension or high blood pressure	0	1	IF YES →	0	1

PLEASE
LEAVE BLANK

128. What other illnesses or injuries have you been treated for in the past year?

129. Are you currently taking any medication? (CIRCLE)

Yes = 1 No = 0

130. Here is a list of physical conditions. Please check how often each has happened to you in the past year. (CIRCLE RESPONSE)

	Never	Seldom	Some- times	Often	Very Often	
(a) cramps in my legs	1	2	3	4	5	—
(b) pains in my heart	1	2	3	4	5	—
(c) tightness or heaviness in my chest	1	2	3	4	5	—
(d) trouble breathing or shortness of breath	1	2	3	4	5	—
(e) swollen ankles	1	2	3	4	5	—
(f) pains in my back or spine	1	2	3	4	5	—
(g) pains in my stomach	1	2	3	4	5	—
(h) headaches	1	2	3	4	5	—
(i) coughing or having chest colds	1	2	3	4	5	—
(j) stiffness, swelling, or aching in my joints or muscles	1	2	3	4	5	—
(k) becoming very tired in a short time ...	1	2	3	4	5	—
(l) having trouble getting to sleep	1	2	3	4	5	—
(m) having trouble staying asleep	1	2	3	4	5	—
(n) finding it difficult to get up in the morning	1	2	3	4	5	—
(o) feeling my heart pounding or racing ...	1	2	3	4	5	—
(p) hands sweating so that they feel damp and clammy	1	2	3	4	5	—
(q) feeling nervous or fidgety and tense ..	1	2	3	4	5	—
(r) being completely worn out at the end of the day	1	2	3	4	5	—
(s) poor appetite	1	2	3	4	5	—
(t) having normal activities curtailed due to sickness or injury	1	2	3	4	5	—

PLEASE
LEAVE BLANK

131. How interesting did you find this interview? (CIRCLE RESPONSE)

Very Uninteresting						Very Interesting
1	2	3	4	5	6	7

PLEASE GIVE THESE PAGES TO THE INTERVIEWER.
THANK YOU FOR YOUR COOPERATION.

3. CODEBOOK

A STUDY OF HUMAN ADJUSTMENT
IN FORT MCMURRAY

CODEBOOK

August, 1979

The following abbreviations are used in this codebook:

DK = don't know

NA = not applicable

NR = no response

In cases where codes in the questionnaire and in the codebook differ, the codebook should be considered the correct version.

VARIABLE	QUES.	COLUMN	DESCRIPTION & CODE
<u>DATA SHEET 1</u>			
VAR001	—	1-4	Questionnaire Number:
VAR002	—	5	Data Sheet Number = 1
VAR003	2	6-8	Enumeration Area: (From 1979 Fort McMurray Planning Team maps)
VAR004	3	9-10	Interviewer I.D.
VAR005	—	11	Total number of visits:
VAR006	5	12	House type: Single house 1 Semi-detached 2 Duplex/triplex (basement suite)..... 3 Row house 4 Multiple family walk-up 5 Multiple family apartment with elevators 6 House attached to non- residential structure ... 7 Mobile home 8 Other 9
VAR007	6	13-14	No. of dwelling units on top of each other:
VAR008	7	15-17	Total no. of units in building:
VAR009	—	18-21	Time (24 hour clock) when PART B (household information) was begun: (e.g. 14:30)
VAR010	—	22-24	Date when Part B was begun: (CODE May 23 = 001; May 24 = 002; etc.)
VAR011	8	25-26	Number of adults in household:

VARIABLE	QUES.	COLUMN	DESCRIPTION & CODE
VAR012	8	27-28	Number of children in household:
VAR013	8	29-30	Total Number of Household members:
Information on the Respondent (see Household Information chart, p. 3 of Questionnaire) has been coded before information on other household members.			
VAR014	10	31	Respondent's relationship to Contact: <ul style="list-style-type: none"> Respondent is contact..... 1 Spouse 2 Son 3 Daughter 4 Mother 5 Father 6 Other relative 7 Resident friend 8 Boarder, etc. 0 NR 9
VAR015	11	32	Sex of respondent: <ul style="list-style-type: none"> Male 1 Female 0
VAR016	12	33	Marital Status of respondent: <ul style="list-style-type: none"> Single..... 1 Married 2 Common law 3 Divorced 4 Separated 5 Widowed 6 NR 9
VAR 017	13	34-35	Respondent's year of birth: (CODE last two digits) <ul style="list-style-type: none"> DK 98 NR 99
VAR018	14	36-37	Respondent's education (no. of years): <ul style="list-style-type: none"> DK 98 NR 99

VARIABLE	QUES.	COLUMN	DESCRIPTION & CODE
VAR019	15	38	Respondent's employment status: Employee (salary/wages)..... 1 Self-employed 2 Family business or farm (unsalariated) 3 Unemployed 4 Retired 5 Housewife 6 Student 7 Pre-school 8 DK/NR 9
The remainder of the household information chart, beginning with information on the first member other than the Respondent, is coded as follows. Empty rows in the household information chart are coded as missing data. Since no households contained more than 10 members, VAR074 to VAR085 contain only missing data indicators.			
VAR020	10	39	Relationship to Contact:
VAR026	10	47	Contact 1
VAR032	10	55	Spouse 2
VAR038	10	63	Son 3
VAR044	10	71	Daughter 4
VAR050	10	79	Mother 5
VAR056	10	87	Father 6
VAR062	10	95	Other relative 7
VAR068	10	103	Resident friend 8
VAR074	10	111	Boarder, etc. 0
VAR080	10	119	NA/NR 9
VAR021	11	40	Sex:
VAR027	11	48	Male 1
VAR033	11	56	Female 0
VAR039	11	64	NA 9
VAR045	11	72	
VAR051	11	80	
VAR057	11	88	
VAR063	11	96	
VAR069	11	104	
VAR075	11	112	
VAR081	11	120	

VARIABLE	QUES.	COLUMN	DESCRIPTION & CODE
VAR022	12	41	Marital Status:
VAR028	12	49	Single..... 1
VAR034	12	57	Married 2
VAR040	12	65	Common law 3
VAR046	12	73	Divorced 4
VAR052	12	81	Separated 5
VAR058	12	89	Widowed 6
VAR064	12	97	NA/NR 9
VAR070	12	105	
VAR076	12	113	
VAR082	12	121	
VAR023	13	42-43	Year of birth: (CODE last two digits)
VAR029	13	50-51	DK..... 98
VAR035	13	58-59	NA/NR 99
VAR041	13	66-67	
VAR047	13	74-75	
VAR053	13	82-83	
VAR059	13	90-91	
VAR065	13	98-99	
VAR071	13	106-107	
VAR077	13	114-115	
VAR083	13	122-123	
VAR024	14	44-45	Education (no. of years):
VAR030	14	52-53	DK 98
VAR036	14	60-61	NA/NR 99
VAR042	14	68-69	
VAR048	14	76-77	
VAR054	14	84-85	
VAR060	14	92-93	
VAR066	14	100-101	
VAR072	14	108-109	
VAR078	14	116-117	
VAR084	14	124-125	
VAR025	15	46	Employment Status:
VAR031	15	54	Employee (salary/wages) 1
VAR037	15	62	Self-employed 2
VAR043	15	70	Family business or farm
VAR049	15	78	(unsalaried)..... 3
VAR055	15	86	Unemployed 4
VAR061	15	94	Retired 5
VAR067	15	102	Housewife 6
VAR073	15	110	Student 7
VAR079	15	118	Pre-school 8
VAR085	15	126	DK/NR/NA 9

VARIABLE	QUES.	COLUMN	DESCRIPTION & CODE
VAR086	—	127-130	Time (24 hour clock) when PART C was begun: (e.g. 14:30)
VAR087	—	131-133	Date when PART C was begun: (CODE as in VAR010)
VAR088	16	134	Always lived in Fort McMurray: YES: 1 NO 0
VAR089	17a	135-136	Province/country where R grew up: Alberta 01 British Columbia 02 Manitoba 03 New Brunswick 04 Newfoundland 05 Nova Scotia 06 Ontario 07 Prince Edward Island 08 Quebec 09 Saskatchewan 10 North West Territories 11 Yukon 12 United States 13 Other country 14 "No one place, always moving", etc. 15 NA/NR 99
VAR090	17b	137-138	Length of residence (years) in place where R grew up: DK 98 NA/NR 99
VAR091	17c	139	Type of place in which R grew up: Rural 1 Small town 2 City 3 DK 8 NA/NR 9

VARIABLE	QUES.	COLUMN	DESCRIPTION & CODE
VAR092	18	140-141	Province/country where R lived just before coming to Fort McMurray: Alberta 01 British Columbia 02 Manitoba 03 New Brunswick 04 Newfoundland 05 Nova Scotia 06 Ontario 07 Prince Edward Island 08 Quebec 09 Saskatchewan 10 North West Territories 11 Yukon 12 United States 13 Other country 14 NA/NR 99
VAR093	19	142	Type of place before Fort McMurray: (CODE as in VAR091).
VAR094	20	143-144	Length of residence (years) in place before Fort McMurray: Less than 6 months 00 DK 98 NA/NR 99
VAR095	21	145	Type of housing in place before Fort McMurray: Single house 1 Semi-detached 2 Duplex/triplex/basement suite. 3 Row house 4 Multiple family walk-up 5 Multiple family apartments with elevators 6 House attached to non- residential structure ... 7 Mobile home 8 Other 9 DK/NA/NR 0

VARIABLE	QUES.	COLUMN	DESCRIPTION & CODE
VAR096	22	146-147	Month when R moved to Fort McMurray: (01-12) DK 98 NA/NR 99
VAR097	22	148-149	Year when R moved to Fort McMurray: (CODE last two digits) DK 98 NA/NR 99
VAR098 to VAR102:			YES..... 1 NO 0 NA/NR 9
VAR098	23	150	Unemployed just before Fort McMurray:
VAR099	24a	151	Had job in Fort McMurray before coming:
VAR100	24b	152	Found job right away:
VAR101	25	153	Made exploratory visit to Fort McMurray:
VAR102	26	154	Spouse made exploratory visit:
VAR103	27	155	Decision to move made by: Yourself (R) 1 Yourself after consulting with spouse 2 You and your spouse together 3 Spouse, after consulting with you 4 Spouse 5 Can't recall (DK) 8 NA/NR 9
VAR104	28	156-157	Time intended to stay (years) when R moved to Fort McMurray: (Nearest year was coded, if answer was given in months. Anything less than 6 months was coded 00) "For as long as I have work".. 96 "For good", "forever" etc. ... 97 DK 98 NA/NR 99

VARIABLE	QUES.	COLUMN	DESCRIPTION & CODE
VAR105	29	158-159	Number of moves between towns/cities in last 5 years: "Many" 97 DK 98 NA/NR 99
VAR106	30a	160	Lived in other remote resource communities: YES 1 NO 2 NA/NR 9
VAR107	30b	161-162	Number of other resource communities lived in: NA/NR 99
VAR108	31	163-164	Time R plans to stay (years) in Fort McMurray: (CODE as in VAR104)
VAR109	32a	165	Moved within Fort McMurray: YES 1 NO 0 NR 9
VAR110	32b	166-167	Number of moves within Fort McMurray: "Many" 97 DK 98 NA/NR 99
VAR111	33	168	Type of housing when first lived in Fort McMurray: (CODE as in VAR095)
VAR112	34	169-170	Number of friends moved out of town in past year: "Have no friends in Fort McMurray".. 96 "Many" 97 DK 98 NR 99

VARIABLE	QUES.	COLUMN	DESCRIPTION & CODE
VAR113	35	171	Spouse ever had full-time job: YES 1 NO 2 DK 8 NA/NR 9
VAR114	36a	172-175	Job title of spouse's present (or last) full-time job: (4 digit code obtained from the <u>Occupational Classification Manual, Census of Canada, 1971</u>) DK 0000 NA/NR 9998
VAR115	36c	176-177	Name of organization; spouse's present (or last) full-time job: Athabasca Realty..... 01 Bechtel 02 Can. Imperial Bank of Commerce 03 Catalytic 04 G.C.O.S. 05 Northward Developments 06 Nu-West Construction 07 Suncrude 08 Texaco Canada 09 Amoco 10 Federal gov't employers 11 Provincial gov't employers 12 Local gov't employers 13 Schools 14 Other Fort McMurray employers 15 Other non-Fort McMurray employers .. 16 DK 98 NA/NR 99
VAR116	36d	178-180	Industry; spouse's present (or last) full-time job: (3 digit code obtained from the <u>Standard Industrial Classification Manual, 1970</u>) DK 000 NA/NR 998

VARIABLE QUES.		COLUMN	DESCRIPTION & CODE
VAR117 to VAR 120			Period of employment, spouse's present (or last) full-time job: DK..... 98 NA/NR 99
VAR117	36e	181-182	From (month): (01-12)
VAR118	36e	183-184	From (year): (CODE last two digits)
VAR119	36e	185-186	To (month): (01-12)
VAR120	36e	187-188	To (year): (CODE last two digits)
VAR121	36f	189	Employment status; spouse's present (or last) full-time job: Wage/salary..... 1 Self-employed 2 Other 3 DK 8 NA/NR 9
VAR122	37	190-191	Number of different full-time jobs spouse has had in Fort McMurray: DK..... 98 NA/NR 99
VAR123	38	192-193	Month when married (present marriage, or started living common law): (01-12) DK 98 NA/NR 99
VAR124	38	194-195	Year when married (present marriage, or started living common law): (CODE last two digits) DK..... 98 NA/NR 99
VAR125	39	196	Ever married before: YES 1 NO 0 NA/NR 9

VARIABLE	QUES.	COLUMN	DESCRIPTION & CODE
VAR126	40	197-198	Total number (live-born) male children: NA/NR..... 99
VAR127	40	199-200	Total number (live-born) female children: NA/NR 99

DATA SHEET 2

VAR128	—	1-4	Questionnaire Number:
VAR129	—	5	Data Sheet Number = 2
VAR130	40	6-7	Number of adopted male children; NA (none) 00
VAR131	40	8-9	Number of adopted female children: NA (none) 00
VAR132	41	10-11	Number of children R plans to have: DK 98 NA/NR 99
VAR133	42	12	Any children currently living away from home: YES..... 1 NO 0 NA/NR 9
VAR134	43b	13	Sex of children (#1, #2, #3, #4) currently living away from home: Male 1 Female 0 NA/NR 9
VAR137	43b	18	
VAR140	43b	23	
VAR143	43b	28	

VARIABLE	QUES.	COLUMN	DESCRIPTION & CODE
VAR135	43c	14-15	Year of birth of children (#1, #2, #3, #4) currently living away from home: (CODE last two digits) DK..... 98 NA/NR 99
VAR138	43c	19-20	
VAR141	43c	24-25	
VAR144	43c	29-30	
VAR136	43d	16-17	Year child (#1, #2, #3, #4) moved away from home: (CODE last two digits) DK 98 NA/NR 99
VAR139	43d	21-22	
VAR142	43d	26-27	
VAR145	43d	31-32	
VAR146	44a	33	Parents immigrate to Canada: YES 1 NO 0 NR 9
VAR147	44b	34	Respondent immigrate to Canada: YES 1 NO 0 NR 9
VAR148	44c	35-36	Year R immigrated to Canada: (CODE last two digits) DK 98 NA/NR 99

VARIABLE	QUES.	COLUMN	DESCRIPTION & CODE
VAR149	45	37-38	Father's ethnic origin: English 01 Scottish 02 Irish 03 French 04 German 05 Italian 06 Spanish/Portuguese 07 Dutch 08 Scandinavian 09 Russian 10 Ukrainian 11 Polish 12 Chinese 13 Japanese 14 Pakistan/India 15 Native Indian 16 Other 17 "Canadian" 97 DK 98 NR 99
VAR150	46	39-40	Father's education (years): DK 98 NR 99
VAR151	47	41-42	Mother's education (years): DK 98 NR 99
VAR152 to VAR155			Parents' occupations: (CODE as in VAR114) DK 0000 NA/NR 9998
VAR152	48	43-46	Father's occupation when R was 16: (CODE as in VAR114)
VAR153	48	47-50	Ignore this variable; use VAR152

VARIABLE	QUES.	COLUMN	DESCRIPTION & CODE
VAR154	49	51-54	Mother's occupation when R was 16: (CODE as in VAR114) Housewife 0001
VAR155	49	55-58	Use VAR154.
VAR156	50	59-60	Months R employed full-time in last 12 months: DK 98 NR 99
VAR157	51	61-62	Months R employed part-time in last 12 months: DK 98 NR 99
VAR158 to VAR161			Looking for work in past 12 months: YES..... 1 NO 0 NR 9
VAR158	52a	63	Full-time in Fort McMurray:
VAR159	52a	64	Part-time in Fort McMurray:
VAR160	52b	65	Full-time outside Fort McMurray:
VAR161	52b	66	Part-time outside Fort McMurray:
VAR162	53	67-68	Number of times every unemployed: "Many"..... 97 DK 98 NR 99
VAR163	54	69-70	Total number (including present) full-time jobs ever held: DK 98 NR 99

VARIABLE	QUES.	COLUMN	DESCRIPTION & CODE
VAR164 to VAR171 refer to R's <u>present or last full-time job.</u>			
VAR164	55a	71-74	Job title: (CODE as in VAR114) DK 0000 NA/NR 9998
VAR165	55c	75-76	Name of Organization: (CODE as in VAR115) DK 98 NA/NR 99
VAR166	55d	77-79	Organization Type (industry): (CODE as in VAR116) DK 000 NA/NR 998
VAR167	55e	80-81	Employed from (month): (01-12) DK 98 NA/NR 99
VAR168	55e	82-83	Employed from (year): (CODE last two digits) DK 98 NA/NR 99
VAR169	55e	84-85	Employed to (month): (01-12) DK 98 NA/NR 99
VAR170	55e	86-87	Employed to (year): (CODE last two digits) DK 98 NA/NR 99
VAR171	55f	88	Kind of employment: Wage/salary 1 Self-employed 2 Other 3 NA/NR 9

VARIABLE	QUES.	COLUMN	DESCRIPTION & CODE
VAR172 to VAR179 refer to R's <u>first job in Fort McMurray.</u>			
VAR172	56a	89-92	Job title: (CODE as in VAR114) DK..... 0000 NA/NR 9998
VAR173	56c	93-94	Name of organization: (CODE as in VAR115) DK..... 98 NA/NR 99
VAR174	56d	95-97	Organization Type (industry): (CODE as in VAR116) DK 000 NA/NR 998
VAR175	56e	98-99	Employed from (month): (01-12) DK..... 98 NA/NR..... 99
VAR176	56e	100-101	Employed from (year): (CODE last two digits) DK..... 98 NA/NR 99
VAR177	56e	102-103	Employed to (month): (01-12) DK 98 NA/NR 99
VAR178	56e	104-105	Employed to (year): (CODE last two digits) DK..... 98 NA/NR 99
VAR179	56f	106	Kind of employment: Wage/salary 1 Self-employed 2 Other 3 NA/NR 9

VARIABLE	QUES.	COLUMN	DESCRIPTION & CODE
VAR180 to VAR186 refer to R's job <u>before Fort McMurray</u>			
VAR180	57a	107-110	Job title: (CODE as in VAR114) DK..... 0000 NA/NR 9998
VAR181	57d	111-113	Organization type (industry): (CODE as in VAR116) DK..... 000 NA/NR 998
VAR182	57e	114-115	Employed from (month): (01-12) DK..... 98 NA/NR 99
VAR183	57e	116-117	Employed from (year): (CODE last two digits) DK 98 NA/NR..... 99
VAR184	57e	118-119	Employed to (month): (01-12) DK 98 NA/NR 99
VAR185	57e	120-121	Employed to (year): (CODE last two digits) DK..... 98 NA/NR 99
VAR186	57f	122	Kind of employment Wage/salary 1 Self-employed 2 Other 3 NA/NR 9

VARIABLE	QUES.	COLUMN	DESCRIPTION & CODE
VAR187 to VAR193 refer to R's <u>first full-time job</u> .			
VAR187	58a	123-126	Job title: (CODE as in VAR114) DK 0000 NA/NR 9998
VAR188	58d	127-129	Organization type (industry): (CODE as in VAR116) DK 000 NA/NR 998
VAR189	58e	130-131	Employed from (month): (01-12) DK 98 NA/NR 99
VAR190	58e	132-133	Employed from (year): (CODE last two digits) DK 98 NA/NR 99
VAR191	58e	134-135	Employed to (month): (01-12) DK 98 NA/NR 99
VAR192	58e	136-137	Employed to (year): (CODE last two digits) DK 98 NA/NR 99
VAR193	58f	138	Kind of employment: Wage/salary 1 Self-employed 2 Other 3 NA/NR 9
VAR194	59	139-140	Number of different full-time jobs in Fort McMurray: DK 98 NA/NR 99

VARIABLE	QUES.	COLUMN	DESCRIPTION & CODE
VAR195	60	141-142	Paid hours/week outside main job: DK 98 NA/NR 99
VAR196	61	143	Shiftwork; main job: YES 1 NO 0 NA/NR 9
VAR197	62	144-145	Time to get to work (minutes): DK 98 NA/NR 99
VAR198	63	146-147	Hours overtime in last two weeks: "Many" 97 DK 98 NA/NR 99
VAR199	64	148-149	Years worked for present employer (or self, if self-employed) DK 98 NA/NR 99
VAR200	64	150-151	Months worked for present employer (or self, if self-employed): DK 98 NA/NR 99
VAR201	65	152	Recommend job to friend: Advise against it 1 Have doubts about recommending 2 Probably recommend 3 Strongly recommend 4 DK 8 NA/NR 9

VARIABLE	QUES.	COLUMN	DESCRIPTION & CODE
VAR202	66	153	Take same job, if had to decide all over again: Decide not to 1 Have some second thoughts 2 Probably take same job 3 Decide without hesitation to take same job 4 DK 8 NA/NR 9
VAR203 to VAR214			Fringe benefits received by R: YES 1 NO 0 DK 8 NA/NR 9
VAR203	67a	154	Supplementary medical:
VAR204	67b	155	Dental plan:
VAR205	67c	156	Life insurance:
VAR206	67d	157	Pension plan:
VAR207	67e	158	Training program:
VAR208	67f	159	Stock options/profit sharing:
VAR209	67g	160	Meals:
VAR210	67h	161	Free/discounted merchandise:
VAR211	67i	162	Recreational facilities:
VAR212	67j	163	Transportation:
VAR213	67k	164	Cost of living/northern allowance:
VAR214	67l	165	Utilities subsidy:
VAR215 to VAR224			Job attitude statements: Strongly disagree (1) ... (7) Strongly agree DK 8 NA/NR 9
VAR215	68a	166	Friendly/helpful workmates:
VAR216	68b	167	Opportunity to develop special abilities:
VAR217	68c	168	Enough authority to do own job:
VAR218	68d	169	Good fringe benefits:
VAR219	68e	170	Can see results of work:
VAR220	68f	171	Supervisor very concerned about employees' welfare:
VAR221	68g	172	Promotions handled fairly:

VARIABLE	QUES.	COLUMN	DESCRIPTION & CODE
VAR222	69a	173	Wouldn't mind being unemployed for a while:
VAR223	69b	174	Earning a living is most important to me:
VAR224	69c	175	Would take any job for twice as much pay:
VAR225 to VAR230			Job description statements: Not at all (1) ... (7) a lot DK 8 NA/NR 9
VAR225	70a	176	Requires special training:
VAR226	70b	177	Requires fast work:
VAR227	70c	178	Requires doing things over and over:
VAR228	70d	179	Allows R to decide how job should be done:
VAR229	70e	180	Allows R to predict what others expect:
VAR230	70f	181	Leads to close friendships:
VAR231	71	182	Adults in neighbourhood known by name: None 0 Almost none 1 Less than half 2 About half 3 More than half 4 Almost all 5 All 6 DK 8 NR 9

VARIABLE QUES.		COLUMN	DESCRIPTION & CODE
VAR232 to VAR236			Frequency of interaction with neighbours/ friends/relatives:
			Never..... 0
			Almost never 1
			Less than once a month 2
			Once a month 3
			Several times a month 4
			Several times a week 5
			Almost daily 6
			Daily 7
			DK 8
			NR 9
			(NOTE: for VAR234, a response of "No relatives in Fort McMurray" was coded as 0 = Never)
VAR232	72	183	Get together with neighbours for a chat:
VAR233	73	184	Visit with friends in Fort McMurray:
VAR234	74	185	Visit with relatives in Fort McMurray:
VAR235	75	186	Contact with friends outside Fort McMurray:
VAR236	76	187	Contact with relatives outside Fort McMurray:
VAR237	77a	188-189	Total number club/organization memberships:
			DK..... 98
			NA/NR 99
VAR238	77b	190-191	Number of club/organization meetings attended last month:
			DK 98
			NA/NR 99
VAR239	78	192-193	Times attended church in last month:
			DK 98
			NA/NR 99
VAR240	79a	194	Union/employee association membership:
			YES..... 1
			NO 0
			NR 9

VARIABLE	QUES.	COLUMN	DESCRIPTION & CODE
VAR241	79b	195	<p>How often participate in union/association activities:</p> <p>Never 1</p> <p>Seldom 2</p> <p>Sometimes 3</p> <p>Often 4</p> <p>Very often ... 5</p> <p>DK 8</p> <p>NA/NR 9</p>
VAR242	80	196-197	<p>Religious Affiliation:</p> <p>None..... 01</p> <p>Alliance 02</p> <p>Anglican 03</p> <p>Baptist 04</p> <p>Greek Orthodox 05</p> <p>Jewish 06</p> <p>Lutheran 07</p> <p>Mennonite 08</p> <p>Mormon 09</p> <p>Pentecostal 10</p> <p>Presbyterian 11</p> <p>Roman Catholic 12</p> <p>Salvation Army 13</p> <p>Ukrainian Catholic 14</p> <p>United Church 15</p> <p>Protestant 16</p> <p>Other 17</p> <p>NR 99</p>
VAR243	81	198-200	<p>Hours spent doing volunteer work in last month:</p> <p>DK 998</p> <p>NR 999</p>

VARIABLE	QUES.	COLUMN	DESCRIPTION & CODE
<u>DATA SHEET 3</u>			
VAR244	—	1-4	Questionnaire Number:
VAR245	—	5	Data Sheet Number = 3
VAR246 to VAR248 R's voting behavior:			
YES..... 1			
NO 0			
Not eligible . 8			
DK/NR 9			
VAR246	82a	6	R voted municipally:
VAR247	82b	7	R voted provincially:
VAR248	82c	8	R voted federally:
VAR249 to VAR252 R's knowledge of government officials:			
CODE correct answer..... 1			
incorrect or no answer.. 0			
VAR249	83a	9	Mayor/chairman:
VAR250	83b	10	M.L.A.:
VAR251	83c	11	Regional Commissioner:
VAR252	83d	12	Town Manager:
VAR253 84 13-15 Days away from Fort McMurray in past year:			
DK 998			
NR 999			

VARIABLE	QUES.	COLUMN	DESCRIPTION & CODE
VAR254	85	16	How often R uses credit cards: Never 1 Seldom 2 Sometimes 3 Often 4 Very often ... 5 DK 8 NR 9
VAR255 to VAR261			How often (in season) R participates in recreation/exercise activities: Never 1 Seldom 2 Sometimes 3 Often 4 Very often ... 5 DK 8 NR/NA 9
VAR255	86a	17	Individual exercises/jog/walk:
VAR256	86b	18	Fishing/hunting/camping/hiking:
VAR257	86c	19	Swimming:
VAR258	86d	20	Skiing/snowshoeing/skating:
VAR259	86e	21	Team sports (e.g. basketball):
VAR260	86f	22	Non-team sports (e.g. tennis):
VAR261	86g	23	Other recreational/exercise activities:
VAR262 to VAR269			How often, in past few weeks, R has felt ... : Never 1 Seldom 2 Sometimes 3 Often 4 Very often ... 5 DK 8 NR 9
VAR262	87a	24	Very lonely/remote from others:
VAR263	87b	25	Particularly excited/interested:
VAR264	87c	26	Depressed/very unhappy:
VAR265	87d	27	Pleased about accomplishment:
VAR266	87e	28	Bored:
VAR267	87f	29	Proud because of compliment:

VARIABLE	QUES.	COLUMN	DESCRIPTION & CODE
VAR268 VAR269	87g 87h	30 31	Angry: Upset because of criticism:
VAR270	88a	32	Does R smoke? YES..... 1 NO..... 0 NR 9
VAR271 to VAR274			Amount/day R smokes: "Occasionally"..... 97 DK 98 NA/NR 99
VAR271 VAR272 VAR273 VAR274	88b 88b 88b 88b	33-34 35-36 37-38 39-40	Cigarettes: Cigars: Cigarillos: Pipes:
VAR275	89	41	How often, in last twelve months, taken at least one (alcoholic) drink: Never..... 0 Less than once a month but at least once a year 1 About once a month 2 Two/three times a month 3 Once/twice a week 4 Three/four times a week 5 Once daily 6 Two/more times daily 7 DK 8 NR 9

VARIABLE	QUES.	COLUMN	DESCRIPTION & CODE
VAR276 to VAR291			Major events happened to R in past twelve months: YES 1 NO/NA 0 NR 9
VAR276	90a	42	Lost job/been unemployed:
VAR277	90b	43	Strike/laid off:
VAR278	90c	44	Other work-related difficulties:
VAR279	90d	45	Financial problems:
VAR280	90e	46	Married:
VAR281	90f	47	Arrival of baby:
VAR282	90g	48	Separation/divorce:
VAR283	90h	49	Someone moved in/out of house:
VAR284	90i	50	Quit work/retired:
VAR285	90j	51	Started work/changed jobs:
VAR286	90k	52	Serious illness/injury (R)
VAR287	90l	53	Serious illness/injury someone close:
VAR288	90m	54	Death of someone close:
VAR289	90n	55	Changed residence:
VAR290	90o	56	Serious trouble with spouse:
VAR291	90p	57	Promotion at work:
VAR292	91	58-60	Workdays missed in past year, excluding vacation/holidays: DK 998 NR/NA (R is not employed) 999
VAR293	92	61-62	Number of times seen doctor in past year: "Often"..... 97 DK 98 NR 99
VAR294	93	63-64	Years in present residence: DK 98 NR 99
VAR295	93	65-66	Months in present residence: DK 98 NR 99

VARIABLE	QUES.	COLUMN	DESCRIPTION & CODE
VAR296	94	67-68	Number of finished rooms: NR 99
VAR297	95	69	Number of bedrooms: NR 9
VAR298	96	70	Number of bathrooms: ($1\frac{1}{2} = 2$, $2\frac{1}{2} = 3$, etc.) NR 9
VAR299	97a	71	Own, lease-purchase, or rent: Own 1 Lease-purchase 2 Rent 3 Other 4 Company owned (no rent) 5 DK 8 NA/NR 9
VAR300	97b	72	Assistance from employer in buying house (owners only): YES 1 NO 0 DK 8 NA/NR 9
VAR301	97c	73-75	Estimate of present value (\$) of house (owners only): (CODED in \$1000's with answers rounded to the nearest \$1000, when necessary): DK 998 NA/NR 999
VAR302	97d	76	Lease-purchase arranged through employer (lease-purchasers only): YES..... 1 NO 0 DK 8 NA/NR 9

VARIABLE QUES.		COLUMN	DESCRIPTION & CODE
VAR320 to VAR324			Satisfaction with specific areas of life: Very Dissatisfied (1) ...(7) Very Satisfied DK 8 NA/NR 9
VAR320	100a	99	Non-work activities/hobbies:
VAR321	100b	100	Family life:
VAR322	100c	101	Friendships:
VAR323	100d	102	Standard of living:
VAR324	100e	103	Neighbourhood:
VAR325	101	104	Financially better/worse than year ago: Better off.... 3 Same 2 Worse off 1 DK 8 NR 9
VAR326	102	105	Financially better/worse year from now: (CODE as in VAR325)
VAR327 to VAR347			Attitudinal statements about Fort McMurray: Strongly Disagree (1) ... (7) Strongly Agree DK 8 NR 9
VAR327	103a	106	Easy time financially if working for big companies:
VAR328	103b	107	Companies generous with community donations:
VAR329	103c	108	Not much choice about moving here:
VAR330	103d	109	Overtime interferes with lives:
VAR331	103e	110	Women have chance for real job equality:
VAR332	103f	111	Pol.-ec. control by few prominent business people:
VAR333	103g	112	Provincial govt. has helped town's development:
VAR334	103h	113	Social class is important here:
VAR335	103i	114	Local officials easily accessible:
VAR336	103j	115	Family breakdown common:
VAR337	103k	116	Oil plants responsible for pollution:

VARIABLE	QUES.	COLUMN	DESCRIPTION & CODE
VAR338	103l	117	Hard to keep friends because people move:
VAR339	103m	118	Hard to get housing you want:
VAR340	103n	119	Easy to make friends:
VAR341	103o	120	Lack of coordinated planning:
VAR342	103p	121	Lots for teenagers to do:
VAR343	103q	122	Marital infidelity is common:
VAR344	103r	123	Unions aren't powerful enough:
VAR345	103s	124	Place to establish permanent home:
VAR346	103t	125	Life is continual financial struggle:
VAR347	103u	126	Private businessmen making a killing:
VAR348 to VAR358:			
			Strongly Disagree (1) (7) Strongly Agree
			DK 8
			NR 9
VAR348	104a	127	Things that happen results of own decisions:
VAR349	104b	128	Sort of person who takes life as it comes:
VAR350	104c	129	Often feel powerless:
VAR351	104d	130	Often feel little purpose to being alive:
VAR352	104e	131	Working toward some definite goal:
VAR353	104f	132	Alright to do anything if you stay out of trouble:
VAR354	104g	133	Lasting friendships lacking in world today:
VAR355	104h	134	Confident will be able to carry out plans:
VAR356	104i	135	Anyone who works hard can get ahead:
VAR357	104j	136	Trouble with world is most people don't believe in anything:
VAR358	104k	137	If something works, doesn't matter if right/wrong:
VAR359 to VAR361			
			Family division of labour:
			Husband entirely..... 1
			Husband more 2
			Share equally 3
			Wife more 4
			Wife entirely 5
			DK 8
			NA/NR 9
VAR359	105a	138	Earning family income:
VAR360	105b	139	Housekeeping:
VAR361	105c	140	Keeping in touch with relatives:

VARIABLE QUES.		COLUMN	DESCRIPTION & CODE
VAR362 to VAR365			Frequency of husband/wife disagreement about specific activities: Never 1 Seldom 2 Sometimes 3 Often 4 Very often ... 5 DK 8 NA/NR 9
VAR362	106a	141	Housekeeping:
VAR363	106b	142	Work schedules:
VAR364	106c	143	Spending money:
VAR365	106d	144	Visiting or writing relatives:
VAR366 to VAR368			Husband/wife communication: (CODE as in VAR362 to VAR365)
VAR366	107a	145	Discuss work:
VAR367	107b	146	Share personal problems:
VAR368	107c	147	Unable to resolve disagreements:
VAR369	108	148	How often husband and wife get out together: (CODE as in VAR362 to VAR368)
VAR370	109	149	Since coming to Fort McMurray, going out together: Decreased..... 1 Remained the same 2 Increased 3 DK 8 NA/NR 9
VAR371	110	150	How often R and children do things together: (CODE as in VAR362 to VAR369)

VARIABLE	QUES.	COLUMN	DESCRIPTION & CODE
VAR372	111	151	Since coming to Fort McMurray, R and children do things together: (CODE as in VAR370)
VAR373 to VAR375 Strongly Disapprove (1) ... (7) Strongly Approve DK 8 NR 9			
VAR373	112a	152	Married woman working:
VAR374	112b	153	Married woman with children working:
VAR375	112c	154	Married couple not having children:
VAR376 to VAR392 R's evaluation of municipal services: Very poor (1) ... (7) Very good DK 8 NR 9			
VAR376	113a	155	Animal control:
VAR377	113b	156	Fire protection:
VAR378	113c	157	Garbage collection:
VAR379	113d	158	Health services:
VAR380	113e	159	Library:
VAR381	113f	160	Social services:
VAR382	113g	161	Shopping:
VAR383	113h	162	Recreation:
VAR384	113i	163	Police protection:
VAR385	113j	164	School services:
VAR386	113k	165	Sidewalks/back lanes:
VAR387	113l	166	Snow/ice removal:
VAR388	113m	167	Traffic lights:
VAR389	113n	168	Telephones:
VAR390	113o	169	Downtown parking:
VAR391	113p	170	Flood control:
VAR392	113q	171	Street repair:

VARIABLE	QUES.	COLUMN	DESCRIPTION & CODE
VAR393	114	172-173	Recommendation for planning improvement, #1: (CODES in Appendix A)
VAR394	114	174-175	Recommendation for planning improvement, #2: (CODES in Appendix A)
VAR395	114	176-177	Recommendation for planning improvement, #3: (CODES in Appendix A)
VAR396	115	178-179	Who has benefitted most from oil sands development, #1: (CODES in Appendix B)
VAR397	115	180-181	Who has benefitted most, #2: (CODES in Appendix B)
VAR398	115	182-183	Benefitted most, #3: (CODES in Appendix B)
VAR399	116	184-185	Who has benefitted least, #1: (CODES in Appendix C)
VAR400	116	186-187	Benefitted least, #2: (CODES in Appendix C)
VAR401	116	188-189	Benefitted least, #3: (CODES in Appendix C)
VAR402	117	190	To what social class do you belong: Lower class..... 1 Working class 2 Lower middle class 3 Middle class 4 Upper middle class 5 Upper class 6 No such thing 7 Uncertain (DK) 8 NR 9

VARIABLE	QUES.	COLUMN	DESCRIPTION & CODE
VAR403 to VAR407			Frequency, in last month, of various leisure activities:
			"Often"..... 97
			DK 98
			NR 99
VAR403	118a	191-192	Movies:
VAR404	118b	193-194	Bar/lounge:
VAR405	118c	195-196	Restaurant:
VAR406	118d	197-198	Entertain at home:
VAR407	118e	199-200	Cultural activities:

DATA SHEET 4

VAR408	—	1-4	Questionnaire Number:
VAR409	—	5	Data sheet number = 4
VAR410 to VAR419			Problems R has encountered in Fort McMurray in last 12 months:
			YES..... 1
			NO 0
			DK 8
			NA/NR 9
VAR410	119a	6	Good recreational facilities:
VAR411	119b	7	Good household repairman:
VAR412	119c	8	Cashing/writing a cheque:
VAR413	119d	9	Special medical/dental treatment
VAR414	119e	10	Good entertainment:
VAR415	119f	11	Borrowing money:
VAR416	119g	12	Getting car fixed:
VAR417	119h	13	Vandalism, theft, problems with juveniles:
VAR418	119i	14	Saving as much as expected:
VAR419	119j	15	Adequate babysitting/daycare:

VARIABLE	QUES.	COLUMN	DESCRIPTION & CODE
VAR420	120a	16	Number of telephones in R's household NR 9
VAR421 to VAR434			Number of vehicles: NR 9
VAR421	120b	17	Cars:
VAR422	120b	18	Boats with motor:
VAR423	120b	19	Boats without motor:
VAR424	120b	20	Mobile home:
VAR425	120b	21	Camper-vans:
VAR426	120b	22	Camper-trailers:
VAR427	120b	23	Jeeps:
VAR428	120b	24	Motor cycles:
VAR429	120b	25	Snowmobiles:
VAR430	120b	26	Truck-campers:
VAR431	120b	27	Trucks:
VAR432	120b	28	Vans:
VAR433	120b	29	Bicycles:
VAR434	120b	30	Other vehicles:
VAR435 to VAR451			Possessions check-list: YES 1 NO 0 DK 8 NR 9
VAR435	121a	31	Dishwasher:
VAR436	121b	32	Microwave oven:
VAR437	121c	33	Gas barbeque:
VAR438	121d	34	Food processor:
VAR439	121e	35	Golf clubs:
VAR440	121f	36	Skis:
VAR441	121g	37	Rifles/shotguns:
VAR442	121h	38	Automatic washer:
VAR443	121i	39	Dryer:
VAR444	121j	40	Freezer:
VAR445	121k	41	Garburator:
VAR446	121l	42	Stereo system:
VAR447	121m	43	Pool table:

VARIABLE	QUES.	COLUMN	DESCRIPTION & CODE
VAR448	121n	44	Second home/cottage:
VAR449	121o	45	Other property:
VAR450	121p	46	Shares/stocks:
VAR451	121q	47	Bonds:
VAR 452 to VAR455			Does R personally have:
			YES 1
			NO 0
			DK 8
			NA/NR 9
VAR452	122a	48	RRSP:
VAR453	122b	49	RHOSP:
VAR454	122c	50	Insurance on self:
VAR455	122d	51	Insurance on spouse:
VAR456 to VAR463			Use of services in Fort McMurray in last 12 months:
			YES 1
			NO 0
			DK 8
			NR 9
VAR456	123a	52	Police:
VAR457	123b	53	Fire department:
VAR458	123c	54	Ambulance:
VAR459	123d	55	Hospital emergency services:
VAR460	123e	56	Public health services:
VAR461	123f	57	Utility maintenance services:
VAR462	123g	58	Post-secondary courses:
VAR463	123h	59	Counselling services:
VAR464	124a	60	Did R give his/her telephone number?
			YES 1
			NO 0

VARIABLE	QUES.	COLUMN	DESCRIPTION & CODE
VAR465	124b	61	Did R give name and address of friend: YES 1 NO 0
VAR466	124c	62	Did R give name and address of relative: YES 1 NO 0
VAR467	—	63-66	Time (24 hour clock) interview finished (e.g. 14:30): NR..... 9999
VAR468	125a	67-72	R; total 1978 wages/salary (before deductions): DK 999998 NR 999999
VAR469	125a	73-78	Spouse; total 1978 wages/salary (before deductions): DK 999998 NA/NR..... 999999
VAR470	125a	79-84	Other household members; total 1978 wages/ salary (before deductions): DK..... 999998 NA/NR 999999
VAR471	125b	85-90	R; 1978 net income from self-employment: NR 999999
VAR472	125b	91	R; profit or loss from 1978 self-employment: Profit 1 Loss 0 NA/NR 9

VARIABLE	QUES.	COLUMN	DESCRIPTION & CODE
VAR473	125b	92-97	Spouse; 1978 net income from self-employment: NA/NR 999999
VAR474	125b	98	Spouse; profit or loss from 1978 self-employment: Profit 1 Loss 0 NA/NR 9
VAR475	125b	99-104	Other household members; 1978 net income from self-employment: NA/NR 999999
VAR476	125b	105	Other household members; profit or loss from 1978 self-employment: Profit 1 Loss 0 NA/NR 9
VAR477	125c	106-110	R; 1978 government transfer payments: NR 99999
VAR478	125c	111-115	Spouse; 1978 government transfer payments: NA/NR 99999
VAR479	125c	116-120	Other household members; 1978 government transfer payments: NA/NR 99999
VAR480	125d	121-125	R; 1978 total income from other sources: NR 99999
VAR481	125d	126-130	Spouse; 1978 total income from other sources: NA/NR 99999

VARIABLE	QUES.	COLUMN	DESCRIPTION & CODE
VAR482	125d	131-135	Other household members; 1978 total income from other sources: NA/NR 99999
VAR483	126	136-141	Amount owed to loan companies, banks, credit card companies, etc. (outside house mortgage): NR 999999
VAR484 to VAR503			Illnesses and treatment in past 12 months: YES 1 NO 0 NA/NR 9
VAR484	127a	142	Cold/flu:
VAR485	127a	143	Treatment:
VAR486	127b	144	Eye problems:
VAR487	127b	145	Treatment:
VAR488	127c	146	Ear problems:
VAR489	127c	147	Treatment:
VAR490	127d	148	Asthma:
VAR491	127d	149	Treatment:
VAR492	127e	150	Hay fever:
VAR493	127e	151	Treatment:
VAR494	127f	152	Skin trouble/rash:
VAR495	127f	153	Treatment:
VAR496	127g	154	Ulcers:
VAR497	127g	155	Treatment:

VARIABLE	QUES.	COLUMN	DESCRIPTION & CODE
VAR498	127h	156	Trouble with back/spine:
VAR499	127h	157	Treatment:
VAR500	127i	158	Arthritis/rheumatism:
VAR501	127i	159	Treatment:
VAR502	127j	160	Hypertension/high blood pressure:
VAR503	127j	161	Treatment:
VAR504	128	162	Number of other illnesses/injuries R has been treated for in past year: (9 or more = 9; no written response was coded as 0).
VAR505	129	163	R currently taking any medication: YES 1 NO 0 NR 9
VAR506 to VAR525			Frequency of physical problems in past year: Never..... 1 Seldom 2 Sometimes 3 Often 4 Very often ... 5 NR 9
VAR506	130a	164	Cramps in legs:
VAR507	130b	165	Pains in heart:
VAR508	130c	166	Tightness/heaviness in chest:
VAR509	130d	167	Trouble breathing:
VAR510	130e	168	Swollen ankles:
VAR511	130f	169	Pain in back/spine:
VAR512	130g	170	Pains in stomach:
VAR513	130h	171	Headaches:
VAR514	130i	172	Coughing/chest colds:
VAR515	130j	173	Stiffness/swelling/aching in joints/muscles:
VAR516	130k	174	Very tired in short time:

VARIABLE	QUES.	COLUMN	DESCRIPTION & CODE
VAR517	130l	175	Trouble getting to sleep:
VAR518	130m	176	Trouble staying asleep:
VAR519	130n	177	Difficult getting up in morning:
VAR520	130o	178	Heart pounding/racing:
VAR521	130p	179	Hands sweating:
VAR522	130q	180	Feeling nervous/fidgety/tense:
VAR523	130r	181	Completely worn out at end of day:
VAR524	130s	182	Poor appetite:
VAR525	130t	183	Normal activities curtailed because of sickness/injury:
VAR526	131	184	How interesting R found interview: Very uninteresting (1) ... (7) Very interesting NR 9
_____	_____	185-200	BLANK

APPENDIX ACODE for VAR393 to VAR395: Recommendations for
Planning Improvements.

- 0 Aesthetic
 - 00 cultural improvements
 - 01 littering/clean-up/maintenance
 - 02 parks
 - 04 urban landscaping, downtown
 - 05 urban house color improvements
 - 06 urban landscaping, other (not downtown)
trees, shrubs, grass, gardens, etc.

- 1 Control/Coordination
 - 10 citizen participation, better representation in government
 - 11 flood protection
 - 12 reduce, account for spending, waste
 - 13 taxes (reduce)
 - 14 more unions, employees get together
 - 15 more consultation between government agencies
 - 16 slow down development
 - 17 (long range) planning
 - 19 control/coordinating, NOC; more attention to detail, set priorities (unspecified), use common sense, etc.

- 2 Housing
 - 20 apartment crowding
 - 21 better, more adequate housing, more variety; general
 - 22 cheaper, more affordable housing
 - 23 less multiple family housing
 - 24 more single family housing
 - 25 Alberta Housing
 - 26 Syncrude, Company, GCOS, Northward, etc.
 - 27 less company housing

3 Retail, commercial

- 30 competition
- 31 downtown (more)
- 32 downtown too spread out
- 33 downtown too large
- 34 entertainment
- 35 prices high
- 36 suburb, more services/stores, etc.
- 37 longer hours
- 38 more restaurants/wider variety

4 Roadways, sidewalks, parking

- 40 HWY 63 (lights, access, wider, repair, etc.)
- 41 parking, residential
- 42 parking, downtown
- 43 roads, construction
- 44 roads, second main street
- 45 roads, surface, maintenance, pot holes
- 46 sidewalks, paths; construction
- 47 sidewalks, paths; maintenance
- 49 RSP; NOC

5 Municipal services

- 50 animal control
- 51 bylaw enforcement, change
- 52 garbage
- 53 sewage
- 54 snow/ice
- 55 street lights
- 56 electricity/power supply
- 57 fire protection
- 59 Municipal services NOC

6 Services, other

- 61 medical, general
- 62 medical, specialists
- 63 school services, general
- 64 school services, adult education
- 65 social services (welfare, counselling, senior citizens, etc.)

- 66 recreation (outdoor)
- 67 recreation (other) facilities
- 68 day care/babysitting
- 69 Services, other NOC
- 7 Space, layout
 - 70 buildings too close together
 - 71 lots too small, get bigger lots
 - 72 micro neighbourhood (block vs. cres.)
 - 73 town layout; too spreadout
 - 74 trailer court location, dispersal
 - 75 street, road layout, planning
 - 76 unable to buy land
- 8 Traffic, transport
 - 80 bicycles, paths
 - 81 bus service, transport suburbs-downtown
 - 82 traffic control: access
 - 83 traffic control: lights, signs
 - 84 traffic control: wider streets
 - 85 general traffic movement
 - 86 transportation out of McMurray (bus/airport)
 - 87 better transportation to the mines
 - 89 traffic, transport, NOC
- 9 General
 - 90 can't be fixed; done wrong from the beginning; bulldoze and restart
 - 91 can't improve: as good as it gets
 - 92 Prov. gov't increase input
 - 93 spend more, more input, more money
 - 94 town board personalities
 - 95 youth probs.: curfew, no recreation, etc.
- 98 DON'T KNOW
- 99 NO RESPONSE

APPENDIX BCODE for VAR396 to VAR398: Who Has Benefitted Most From

Oil-Sands Development?

- | | |
|------------------------|--|
| 0. Business, companies | 00 big co.; (outside) Bechtel, Exxon, Rockefeller |
| | 01 big co.; Syncrude, GCOS |
| | 02 associated industry: welding, equip. rental |
| | 03 local business (general), entrepreneurs |
| | 04 hotels, motels |
| | 05 grocery stores |
| | 06 banks |
| | 07 real estate |
| | 08 liquor store/bars |
| | 09 Business, companies, NOC |
| 1. Elite, owners | 10 big shots, big co., exec. |
| | 11 developers (Northwest, Athabasca Realty) |
| | 12 land owners |
| | 13 politicians |
| | 14 share owners |
| | 15 speculators |
| | 16 contractors/general construction |
| | 19 Elite, owners, NOC |
| 2. Local residents | 20 first in after development began |
| | 21 natives |
| | 22 old timers - original residents |
| | 23 people planning to stay permanently |
| | 24 the town itself |
| | 29 Local residents: NOC |
| 3. Occupational groups | 30 construction workers |
| | 31 oil sands workers, employees |
| | 32 oil sands workers, employees - who get overtime |
| | 33 school teachers |

- 34 skilled labour
- 35 tradesmen
- 36 workers/employees
- 37 unemployed
- 39 Occupational groups: NOC
- 4 Outsiders, Canadian
 - 40 Alberta
 - 41 Alberta Housing
 - 42 easterners
 - 43 government (provincial or federal)
 - 49 Outsiders, Canadian NOC
- 5 Outsiders, Foreign
 - 50 Americans
 - 52 Japanese
 - 59 Outsiders, Foreign NOC
- 6 Outsiders, other
 - 60 everyone, consumers
 - 61 migrants
 - 62 new comers
 - 63 transients
 - 69 Outsiders, other NOC
- 7 Miscellaneous
 - 70 young
 - 71 professional planners/designers/researchers
 - 72 "Loanees"
 - 73 churches, service clubs
 - 74 middle class
 - 79 Miscellaneous NOC
- 98 DON'T KNOW
- 99 NO RESPONSE

APPENDIX C

CODE for VAR399 to VAR401: Who Has Benefitted Least From
Oil-Sands Development?

- | | | | |
|---|----------------------------------|----|--|
| 0 | Demographic groups | 00 | age: children, kids |
| | | 01 | age: youth |
| | | 02 | age: old/retired |
| | | 03 | families |
| | | 04 | families, large |
| | | 05 | married |
| | | 06 | single |
| | | 07 | widows and orphans |
| | | 08 | single parents |
| | | 09 | Demographic groups NOC |
| 1 | Local reference | 10 | local people who live outside Ft. McMurray (not specified) |
| | | 11 | hunters and trappers |
| | | 12 | natives |
| | | 13 | people who want to be, are, permanent residents |
| | | 14 | original/old residents, homesteaders |
| | | 15 | Metis |
| | | 16 | people of Ft. McMurray (vs. town itself) |
| | | 17 | people with poor housing |
| | | 19 | Local reference NOC |
| 2 | Occupations, occupational groups | 20 | clergy |
| | | 21 | housewives |
| | | 22 | wives of oil plant employees |
| | | 23 | service workers (waitresses) |
| | | 24 | public employees |
| | | 25 | people not employed by oil co. |
| | | 26 | people without subsidization |
| | | 27 | workers living in the camps |
| | | 29 | Occupations, occupational groups NOC |

3 Organizations

30 local services: fire education
 31 RCMP, police
 32 town management
 33 the companies, Syncrude, GCOS
 34 churches (vs clergy)
 35 the town, Ft. McMurray
 36 Northern transportation
 37 small businesses
 39 Organizations NOC

4 Outsiders

41 Albertans
 42 Canadians
 43 easterners
 44 westerners
 46 transients
 49 Outsiders NOC

5 Strat. groups

50 average working person
 51 poor, lower paid, low income
 52 workers
 53 working class
 54 unemployed, out of work
 55 people looking for their "pot of gold"
 56 unskilled
 59 Strat. groups NOC

6 Miscellaneous

60 nobody
 61 everybody
 62 people who don't want to work
 63 emotionally unstable people
 64 people who are culturally oriented
 65 the land itself/wildlife
 66 latecomers/newcomers

98 DON'T KNOW

99 NO RESPONSE

4. INTERVIEWER'S HANDBOOK

A STUDY OF HUMAN ADJUSTMENT IN FORT MCMURRAY

INTERVIEWER'S HANDBOOK

Population Research Laboratory
Department of Sociology
The University of Alberta

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for

Alberta Oil Sands Environmental Research Program
Department of Environment, Government of Alberta

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PREFACE

This manual is designed to give interviewers an idea of how to go about collecting their information. The manual outlines some basic procedures, delineates some of the mistakes that could be made and suggests how to avoid them. It gives the interviewer concise guidelines on some practical problems of the interview process.

The Human Adjustment Study of Fort McMurray is a survey of randomly selected adults. It is being conducted by the Department of Sociology at the University of Alberta, on behalf of the Department of the Environment, Alberta. This study has a number of objectives, the most important of which is to collect information that may be used for present and future needs of resource communities such as Fort McMurray which are experiencing, or will experience, rapid expansion and change resulting from oil-related development. It will also allow us to assess the present level of socioeconomic development within the Fort McMurray region.

As an interviewer for this study you will be involved in a crucial phase of the survey. Interviewing is an art and your success at mastering the communication skills necessary to extract the needed information from respondents will have a significant effect on the eventual value of the survey data.

1. SPECIFIC PROBLEMS IN LOCATING HOUSEHOLDS

- 1.1 Identification Problems - If there is more than one household at the address, interview an adult of the household answering the door for the household information. Select an adult to interview from that household.
- 1.2 Vacant Dwelling - If a neighbour indicates that someone is moving in within a few days, interview the new householder. If the address is to remain vacant, note on questionnaire and notify the Project Manager, Dr. Carol Vlassoff.
- 1.3 Non-existent Address - e.g. demolition and business address. Notify the Project Manager and do not try to interview at a substitute address.

2. SOME PROCEDURES AT THE DOORSTEP

- 2.1 Dress neatly and conservatively. Remember that people who do not know you are greatly affected by first impressions. Respondents usually react more to the interviewer than the questions asked.
- 2.2 Briefly introduce yourself. Long complex introductions are rarely needed. Convey a positive, confident attitude to the respondent. You should expect that the householder will co-operate.

"I am doing a survey for the University of Alberta and the Department of the Environment. Did you receive a letter notifying you of this survey?"

2.2 (cont'd)

Wait and respond appropriately. That is, size up the situation quickly, using your intuitive feelings as a guide about what approach to use. Some people will grant an interview with brief information; others may require more.

People may react with distrust and suspicion at first. To overcome these reactions, you should emphasize the purpose, confidentiality, benefits and impersonal use of the study. Be brief.

2.3 Be prepared to show your I.D. letters. If callbacks are necessary, leave a copy of Vic Henning's letter with a resident adult.

2.4 Do not be too specific as you may bias the interview, e.g. "We are interested in Fort McMurray residents' attitudes to certain issues."

2.5 Request consent, e.g., "I would like to come in and talk to you about this."

2.6 The selection of the respondent consists of two parts:
 (1) an initial adult contact who provides information in Part B of the questionnaire and (2) the selection of an adult respondent for Part C. The respondent in Part C may or may not be the same person as the initial contact for Part B. This depends upon the selection process carried out at the end of Part B. A person is eligible to be the respondent for Part B of the questionnaire

2.6 cont'd

if (i) the dwelling is his/her place of residence and (ii) the person is 16 years of age or older. To be eligible for Part C, the respondent must satisfy the same conditions as required for Part B, but must also have been randomly selected from the Household List. The steps in selection are therefore as follows:

- a) Ask an adult (over 16 years of age) who answers the door to provide the information in Part B. If a child answers the door, ask for his/her mother, father, or other adult resident.
- b) When Part B is completed, use the sampling chart to randomly select an adult for interviewing in Part C. If this adult is the same as the initial contact, proceed with the interview (or arrange for a callback, if proceeding at the contact time is not convenient). If the selected respondent is not the same as the initial contact, arrange to interview him/her at his/her convenience.

Remember that the person contacted in Part B may not be selected as the respondent for Part C. Do not accept a refusal for someone on behalf of another. Try to speak directly to the selected respondent, but if he/she is not present, arrange for a callback. Once inside, be sure to explain that the answers obtained are confidential. Do not overemphasize this point, however, since emphasis on confidentiality may arouse suspicion or self-conscious behaviour.

2.7 Refusals - Since a certain amount of suspicion and distrust is to be expected where people meet strangers, do not give up too easily. Act confident and never appear that you anticipate a possible refusal. Tell the respondent that this household (or respondent) has been selected for interviewing, making his participation seem necessary and important. In general, follow these guidelines:

- (a) When refused, make sure it is not your fault.
- (b) If you do all you can to convince the respondent to participate and are still refused, it is usually the result of some personality trait of the respondent beyond your control.
- (c) Some refusals are unavoidable, but your goal should be to encourage the highest level of co-operation.

2.8 A good time to make initial contact is between 4:30 and 6:00 p.m. Usually, adult residents can be contacted at this time and appointments for callbacks easily arranged.

2.9 Some possible answers to doorstep questions:

- (a) Q. "Who is doing this survey?"

A. "The survey is being done by a research organization in the Sociology Department at the University of Alberta on behalf of the Department of the Environment."

If the respondent wants a great deal more information give him/her the Project Manager's telephone number and invite him/her to call for more information.

2.9 (cont'd)

(b) Q. "How was I chosen?"

A. "Addresses were selected in a scientific way from a listing of all households in the city. Each address had an equal chance of being selected."

(c) Q. "Why don't you interview someone else?"

A. "We cannot substitute another person because your household (or you, if the respondent for Part C) was chosen. Your opinions are important and interviewing someone else wouldn't be as good."

(d) Q. "How long will it take?"

A. "It normally takes about one hour."

If the respondent wants you to be more specific, say that it varies from 45 minutes to 1-1/4 hours, depending upon how interested people are and how much they want to say.

Never say that it will take "only a few minutes".

(e) Q. "I'm too busy."

A. "What would be a better time for me to come back? I'll be pleased to make an appointment that would be more convenient for you."

(f) Q. "I don't know enough about that to answer your questions."

A. "Most people haven't thought about these things, but everybody has an opinion. As far as we're concerned there aren't any right or wrong answers."

(g) Q. "Will my name be used?"

A. "No. Even though we ask you to give your name so that we can get in touch with you again if necessary, the names are eliminated in our analysis. The information is for scientific purposes only and will not be harmful to any person in any way."

3. PROCEDURES DURING THE INTERVIEW

A good interview depends upon the following:

(A) Privacy - Whenever possible, insist on privacy for

interviews. The presence of even one other person may influence a respondent's answers and therefore bias him/her. Privacy may be especially difficult to achieve when both the husband and wife are home (e.g. in the evenings). However, you can usually suggest diplomatically at the beginning of the interview: "Could we perhaps have the interview somewhere we won't be disturbed?" If the other person(s) does not take the hint, add, "Generally, we try to insist on complete privacy for these interviews."

- (B) Neutrality - The interviewer must not express his or her own attitudes or knowledge. The interviewer must not express criticism, shock, surprise, approval or disapproval. On the other hand, the interviewer should not be so unexpressive that rapport suffers. Acknowledge the respondents' statements in some neutral but attentive manner (e.g. a nod of the head, "uh-huh", or "yes, I see".)
- (C) Warmth and Responsiveness - Respondents must feel that the interviewer has a genuine interest in them as people. Be attentive and interested to what the respondent says, but carefully avoid biasing the respondent in any way. By being courteous, friendly and conversational the interviewer can put the respondent at ease. It is also important that the interviewer be sufficiently familiar with the survey questions to ask them conversationally. If the questions are read mechanically, the respondent will become bored and give mechanical answers in return. Try to be as informal as possible, while retaining a businesslike manner. If a

respondent is unruly, careless or uncooperative, a mild but clear sign of disapproval should be made. An interview may otherwise quickly become unmanageable and hence worthless.

- (D) Precision - The questions must be asked precisely as specified in the questionnaire. Re-wording of questions must be avoided. Ask questions according to the format given and in the order given. Record the answers verbatim (exactly in the words of the respondent) and follow all instructions precisely. Never skip questions, never record answers incorrectly and do not allow the respondent to digress unnecessarily. If certain questions seem difficult to ask, practise asking them as they are written until they do feel natural. When a question is not understood or is misinterpreted, it must be repeated in the same words, not paraphrased.

3.2 Some tips on handling respondent digressions:

- a) Do not cut off digressions too eagerly. A brief discussion initiated by the respondent can be relaxing for both of you.
- b) Long or frequent digressions should be discouraged with tact, using such techniques as the following:
 - "gentle reminders" - Putting down your pencil, looking away for a moment, or leafing through your booklet sometimes draws the respondent back.
 - bring the respondent back by relating what she or he has been saying to the next question or topic on the questionnaire.

- long personal anecdotes may be shortened by early discernment of the ending and thus discouraging detailed elaborations.
- if nothing else works, use direct interruption.
Tell the respondent that you would be glad to "continue the discussion" after completion of the interview.

3.3 Probes - These are questions or phrases used by the interviewer to stimulate discussion and obtain specific and complete responses which satisfy the question objectives. Probes are used (1) when the response is irrelevant to the question asked, (2) when an answer is unclear, (3) when an answer seems incomplete, and (4) when an answer is suspected of being untrue. Thus the interviewer must know the objectives of the questions and learn to recognize unclear, incomplete and fallacious answers when they are given. Probes, however, must not suggest responses. There is no way of knowing what a person means, feels or thinks until he, himself, expresses it. The suggestion of answers is avoided by using completely non-directive probes such as "Anything else?" or by basing a probe on the content of a previous answer, e.g. "How do you personally feel about the importance of this?".

(a) Types of probing:

- a brief assertion of understanding and interest, communicating the idea that the interviewer expects more information.
- an expectant pause along with an expectant look allows the respondent time to gather his or her thoughts.

- repeating the question may reassure the respondent of the type of answer required.
- repeating the respondent's reply may stimulate further thought on the topic by the respondent.
- a neutral question or comment requires the interviewer to recognize whether the respondent's answer has met the objective of the question. If not, the interviewer must formulate a neutral type of question to elicit the needed information.
- asking for further clarification - appear mildly uncertain of the meaning of the respondent's answer. Be sure to intimate that it is you who failed to understand , e.g. "I'm not quite sure I know what you mean by that - could you tell me a little more?".

3.4 Interpreting the "I don't know" response:

The "I don't know" response has several possible meanings.

The interviewer must use gentle probing to discover the true meaning of this response. For example:

- (a) The respondent does not understand the question but does not want to admit this.
- (b) The response is given as a stop-gap measure while the respondent thinks about the question.
- (c) The response may be an evasion of a question because the respondent feels uninformed or afraid that he may give a "wrong" answer.
- (d) The respondent may actually not know, or really have no opinion on the subject. This in itself is significant to the survey results but the interviewer must make sure that this is the case.

3.5 Possible answers to questions during the interview:

- (a) Q. "How do you think I should answer this question?"
 - A. "My opinion is not important. It's your opinion that we are interested in. My job is to get opinions not to have them."
- (b) Q. "That 's ridiculous. What kind of question is that?"
 - A. "I know some of these questions are really frustrating. The people in my office must have had some reason for putting that in. We have to read it just as it is written."
- (c) Q. "Do I have to answer that stupid question?"
 - A. "You don't have to answer any question if you'd prefer not to. I'm only trying to get your opinion because our study is more accurate that way."

3.6 Recording responses:

- (a) Record the responses during the interview. Begin recording as soon as the respondent starts talking. Relevant information may be lost or distorted if the interviewer tries to remember what is said and write it down later. Jot down the key words and phrases as the respondent is talking.
- (b) Use the respondent's words - record his or her replies verbatim.
- (c) Do not summarize or paraphrase the respondent's answers. This often causes a distortion of data.
- (d) Include all information which pertains to the question objectives.
- (e) Include all your probes - this allows coders and analysts to determine what influenced the respondent to reply as he did.
- (f) Hold the respondent's interest by repeating the respondent's reply as you are writing it down.

- (g) Significant events occurring during the interview must be recorded. Major interruptions, emotional reactions, changes in rapport, lapses of attention and special signs of interest, are examples of significant events.
- (h) Before a questionnaire is returned to the Project Manager it must be thoroughly checked for completeness, understandability and legibility.

3.7 Mechanics of recording and editing an interview:

- (a) Write legibly.
- (b) Use pencil to record. Words may be left out during the interview and must be filled in after the interview.
- (c) Use parentheses to indicate the interviewer's words, observations or probes.
- (d) Cross reference all relevant material in the interview.
- (e) Be sure to identify each interview with your name, the date, and time at beginning and end of interview.

4. CLOSING THE INTERVIEW

- 4.1 After the questioning phase is completed, give the respondent the "tear-off" section at the end of the questionnaire. While the respondent is completing these pages, review the completed questions to make certain that all the required information has been recorded.
- 4.2 When the respondent has completed the tear-off pages put them, with the main questionnaire, into a brown envelope. Seal in the

presence of the respondent.

- 4.3 Thank the respondent for her/his co-operation in the survey and leave him/her with the feeling that the interview has been a rewarding and pleasant experience.
- 4.4 Tell the respondent that we are going to try to send out a short summary of the survey results to respondents at the end of the study.

5. SPECIFIC POINTS CONCERNING THE QUESTIONNAIRE

5.1 Abbreviations

DK = Don't Know

NA = Not Applicable

NR = No Response

Write these on the interview form if they are applicable.

However, they should be used only as a "last resort" after probing.

5.2 Questions

- (a) Treat common law relationships as married, after the initial distinction. In common law relationships be sure to obtain information on respondent's "partner" in places where information on spouse is required.
- (b) Record only one response for each question unless otherwise specified.
- (c) In using the cards with a 7 point scale or when there are a series of questions requiring similar response categories, be aware of a response set. For instance,

in Q. 68 a respondent might give all 7's and 6's. One should remind the respondent that it is a 7 point scale and that there are 7 possible responses. Don't go too quickly through this type of question.

- (d) We ask all names of household members for the following reasons: (1) we may want to re-interview one of the household members at a later date and (2) it facilitates later questioning concerning spouse, children, etc., e.g. "How far did Mary go in school?"
- (e) Q. 17(a) - If the respondent lived in no single place for long, that is, moved constantly, note this down.
- (f) Q. 45 - Some persons may not clearly understand what is meant by "ethnic group". This refers to a people with common physical and cultural traits, e.g. Scottish, East Indian, Ukrainian, etc.
- (g) Q. 55 - Try to obtain specific information on the respondent's occupation to make the coder's job easier. For example, the title "engineer" would require further elaboration as engineers drive trains and build bridges. This information should be filled in on the Description line at the bottom of Q. 55 to Q. 58.
- (h) Make sure all blanks have something written in them. If they do not, check that they are not applicable or left blank for a specific reason.
- (i) Q. 83 - Answers:
 - (a) Fort McMurray's Chairman/Mayor: W. E. (Ted) Mason
 - (b) M.L.A. : Norman Weiss

- (c) Regional Commissioner : Victor Henning
- (d) Town Manager : David Jones

- (j) Q. 124 - If questioned concerning why we want information on friends and relatives explain that there are two reasons:
(1) that we may want to contact them again later, even if they have moved away, and (2) we want to send them a summary of study results. If they are very reluctant to give this information, however, do not try to force them to do so.
- (k) Please give your comments at the end of the questionnaire. If you require more space, use an extra sheet of paper. These comments allow us to better interpret the responses on the questionnaire, to gain an indication of respondent cooperation and so on.

TELEPHONE NUMBERS

Either the Project Manager, Carol Vlassoff, or the AOSERP Office of the Department of the Environment can be contacted if respondents wish confirmation of the study. Please refer them to either of the following numbers:

AOSERP Office (Alberta Oil Sands Environmental Research Program)
743-7181

Carol Vlassoff - 743-0973

5. RECODES, SCALES AND INDICES

The following presents a summary of the data transformation operations performed on the raw data. In the following, all variables prefaced by "VAR" followed by a three digit number refer to variables found in the code book. All new scales and indices have been labelled with unique variable names. Where necessary, a brief rationale for the method of recoding variables or the computing of new variables is presented. In the following, any word written in upper case letters constitutes a variable name.

1. AREA The variable AREA refers to which of the six districts in Fort McMurray the respondent was resident in. This variable was computed by recoding VAR003 into the appropriate categories.
2. RAGE This new variable refers to the respondent's age. It was computed from VAR017 and VAR010.
3. STAY This variable refers to the respondent's length of residence in Fort McMurray. It was computed from VAR010, VAR097 and VAR096.
4. SPJ This variable refers to the length of the respondent's spouse's present or last full-time job. Two different methods were used to compute SPJ. If both VAR119 and VAR117, the months at which the spouse finished and began her job, were reported then J1 assumed the value:

$$SPJ = [(VAR120 * 12 + VAR119) - (VAR118 * 12 + VAR117)] / 12$$

If either VAR117 or VAR119 were missing, J1 assumed the value:

$$SPJ = VAR120 - VAR118$$

SPJ was assigned a missing value of 999.

5. **MARRIAGE** This variable refers to the length of time the respondent has been married. It was computed from variables VAR010, VAR124 and VAR123. MARRIAGE was assigned a missing value of 999.
6. **J1, J2, J3, J4** These variables refer to how long the respondent held his present or last full-time job, his first job in Fort McMurray, his job prior to coming to Fort McMurray and his first job ever, respectively. Where both the starting months, VAR169, VAR177, VAR184 and VAR191, and the finishing months, VAR167, VAR175, VAR182 and VAR189 for each of these jobs were present, these variables were computed in the following manner:

$$J1 = \frac{[(VAR170 * 12 + VAR177) - (VAR176 * 12 + VAR167)]}{12}$$

J2, J3 and J4 were computed in a similar fashion.

When either the starting or finishing months were not reported, J1 to J4 were computed in the following manner:

$$J1 = VAR170 - VAR176$$

J2, J3 and J4 were computed in a similar fashion. J1 to J4 were assigned the missing value 999.

7. **SCALE1** This variable refers to whether the respondent would recommend or take his job again. It is a simple summation of VAR201 and VAR202. SCALE1 was assigned a missing value of 99. Higher numbers reflect a more positive orientation to the respondent's job.
8. **SCALE2** This variable refers to the number of fringe benefits the respondent receives from his/her employer. It is a summation of VAR203 to VAR214. SCALE2 was assigned a missing value of 99.
9. **SCALE3** This variable refers to the respondent's attitudes toward his job. It is a summation of VAR215 to VAR221. SCALE3 was assigned a missing value of 99. Larger numbers reflect a more positive attitude.

10. SCALE4 This variable refers to the respondent's attitude toward work in general. It is a summation of VAR222 to VAR224. SCALE4 was assigned a missing value of 99. Higher numbers reflect a more positive orientation to work.
11. SCALE5 This variable refers to the respondent's social relationships inside Fort McMurray. It is a summation of VAR232 to VAR234. SCALE5 was assigned a missing value of 99. Higher numbers reflect a more intensive set of social relations.
12. SCALE6 This variable refers to the respondent's social relationship with individuals outside Fort McMurray. It is a summation of VAR235 and VAR236. Higher numbers reflect a more intensive set of relationships outside Fort McMurray. SCALE6 was assigned a missing value of 99.
13. VOTE This variable refers to the respondent's overall voting behavior. It is a summation of VAR246 to VAR248. VOTE was assigned a missing value of 9. Higher numbers reflect greater participation in voting.
14. KNOW This variable refers to the respondent's knowledge of local government officials. It is a summation of VAR249 to VAR252. Higher numbers reflect greater knowledge of officials.
15. SCALE7 This variable refers to the respondent's overall frequency of participation in recreational activity. It is a summation of VAR255 to VAR260. SCALE7 was assigned a missing value of 99. Higher numbers reflect greater participation. VAR261 was not included in this scale in order to minimize the amount of missing data on this scale. This exclusion was necessitated by the manner in which SPSS handles missing data when variables are computed.
16. SCALE8 This variable refers to the respondent's emotional state. Before summing VAR262 to VAR268; VAR263, VAR265 and VAR267 were recorded to make their direction consistent with the remaining variables. VAR262 to VAR268 were then summated to form SCALE8. SCALE8 was assigned a missing value of 99.

17. SCALE9 This variable refers to the frequency of stressful life events experienced by the respondent in the last twelve months. It is a summation of VAR276 to VAR291. SCALE9 was assigned a missing value of 99. Higher numbers reflect a higher frequency of stressful events.
18. TENURE This variable refers to the respondent's length of residence in his/her present accommodation. It was computed from VAR294 and VAR295. TENURE was assigned a missing value of 999. Higher numbers reflect longer residence.
19. SCALE10 This variable refers to the respondent's evaluation of his/her current accommodations. It is a summation of VAR306 to VAR316. SCALE10 was assigned a missing value of 99. Higher numbers reflect a more positive evaluation. VAR318 and VAR319 were not included in this scale because they are relevant only to those respondents who own their own residence. Including these items would have increased the amount of missing data in SCALE10.
20. SCALE11 This variable refers to the respondent's overall satisfaction with his life. It is a summation of VAR320 to VAR324. SCALE11 was assigned a missing value of 99. Higher numbers reflect greater satisfaction.
21. SCALE12 This variable reflects the degree to which the respondent and his or her spouse perform discrete roles in the family. Prior to summing VAR359 to VAR361, the responses were recoded so that a response of 5 was given a value of 1 and a response of 4 was given a value of 2. These variables were then summed to form SCALE12. SCALE12 was assigned a missing value of 99. Higher numbers reflect a greater sharing of roles within the family.
22. SCALE13 This variable refers to husband-wife disagreements. It is a summation of VAR362 to VAR365. SCALE13 was assigned a missing value of 99. Higher numbers reflect greater disagreement.

23. SCALE14 This variable refers to husband-wife communications.
It is a summation of VAR366 to VAR368. SCALE14 was assigned a missing value of 99. Higher numbers reflect better husband-wife communications.
24. SCALE15 This variable refers to the respondent's overall evaluation of services in Fort McMurray. It is a summation of VAR376 to VAR392. SCALE15 was assigned a missing value of 99. Higher numbers reflect a more positive evaluation of services.
25. SCALE16 This variable refers to the degree to which the respondent participates in leisure activities outside the home. It is a summation of VAR403 to VAR405 and VAR407. SCALE16 was assigned a missing value of 99. Higher numbers reflect higher rates of participation.
26. SCALE17 This variable refers to the degree to which the respondent experienced small non-money related problems. It is a summation of VAR410, VAR411, VAR413, VAR414, VAR416 and VAR417. VAR419 was omitted from this list because it was appropriate only to respondent's with young children. SCALE17 was assigned a missing value of 99. Higher numbers reflect a higher incidence of non-money related problems.
27. SCALE18 This variable refers to the frequency with which the respondent has encountered small financial problems in Fort McMurray in the past twelve months. It is a summation of VAR412, VAR415 and VAR418. SCALE18 was assigned a missing value of 99. Higher numbers reflect greater problems.
28. SCALE19 This variable refers to the total number of vehicles in the respondent's household. It is a summation of VAR421 to VAR431. SCALE19 was assigned a missing value of 99. Higher numbers reflect a larger number of vehicles.

29. SCALE20 This variable refers to the respondent's household possessions of the respondent. It is a summation of VAR435 to VAR447. Higher numbers reflect a higher level of living.
30. SCALE21 This variable refers to other possessions of the respondent. It is a summation of VAR448 to VAR454. SCALE21 was assigned a missing value of 99. Higher numbers reflect a higher level of living. VAR455 was not included in this scale because it is relevant to only married respondents.
31. SCALE22 This variable refers to the degree to which the respondent used various community services in the past twelve months. It is a summation of VAR456 to VAR463. SCALE22 was assigned a missing value of 99. Higher numbers reflect a higher use of services.
32. RED1 This variable refers to the respondent's income from self-employment. It was necessary to calculate this variable because on the questionnaire the respondent's absolute income from self-employment and whether this income was a profit or loss were asked separately. RED1 was assigned a missing value of 999999.
33. RED2, RED3 These variables refer to the respondent's spouse's employment from self-employment and the income of other household members from self-employment. The discussion above for RED1 also applies to RED2 and RED3.
34. RY This variable refers to the respondent's total income from all sources for 1978. RY was assigned a missing value of 999999.
35. SPY This variable refers to the respondent's spouse's income from all sources for 1978. SPY was assigned a missing value of 999999.
36. OTY This variable refers to the total income of other individuals in the respondent's household. OTY was assigned a missing value of 999999.

37. SICK This variable refers to the number of illnesses experienced by the respondent during the past twelve months. It is a summation of VAR484, VAR486, VAR488, VAR490, VAR492, VAR494, VAR498, VAR500, VAR502 and VAR504. SICK was assigned a missing value of 99. Higher numbers reflect a higher incidence of illness.
38. TREAT This variable refers to the number of illnesses for which the respondent was treated during the past twelve months. It is a summation of VAR485, VAR487, VAR489, VAR491, VAR493, VAR495, VAR497, VAR499, VAR501, VAR503 and VAR504. TREAT was assigned a missing value of 99. Higher numbers reflect a higher number of treated illnesses.
39. PHYSICAL This variable refers to the frequency of physical problems experienced by the respondent during the past twelve months. It is a summation of VAR506 to VAR525. Higher numbers reflect a higher frequency of physical problems.
40. TOTALY This variable refers to the respondent's total household income. It is a summation of RY, SPY and OTY. TOTALY was assigned a missing value of 9999999.
41. RANK1 to RANK7 These variables refer to the occupation ranks of the respondent's:
- Spouse's present or last full-time job;
 - Father's job when the respondent was 16;
 - Mother's job when the respondent was 16;
 - Present or last full-time job;
 - First job in Fort McMurray;
 - Job before coming to Fort McMurray;
 - First job ever.
42. BLISH1 to BLISH7 These variables refer to the Blishen scores corresponding to the seven jobs listed above.

6. RELIABILITY

The concept of reliability refers to the degree to which a test will yield the same score on a respondent if two or more measures are taken. In the following section various statistics are presented which relate to the reliability of the computed scales.

Before discussing the reliability of the various scales, certain terminology must be clarified. In the following discussion, the term item refers to variable which is employed in computing a scale. For example, for SCALE1, there are two items, VAR201 and VAR202. A value is one score on an item. VAR201 has four different values, (1) Advise against it, (2) Have doubts about recommending it, (3) Probably recommend it and, (4) Strongly recommend it. For each respondent, the sum of the values of the items comprising the score constitutes that respondent's score for that particular scale.

For each of the scales, several statistics are reported.

1. The mean and standard deviation of each item contained within a scale.
2. The correlations (r) between the various items making up the scale. The correlations can assume a value of $-1 \leq r \leq 1$. Positive values indicate that a high value on one item is associated with a high value on a second item. Negative correlations indicate that a high value on one item is associated with a low value on a second item. In those instances where the items in a scale have only two values (0, 1) as in SCALE2, the numbers in the matrix are phi coefficients which are equal to correlations. One word of caution must be presented in regards to the phi coefficients. Where the mean of an item, actually the proportion of 1's in the item, deviates markedly from .5, the range of the phi coefficients becomes restricted. It no longer can assume a range of $-1 \leq \phi \leq 1$.

3. Cronbach's alpha is the reliability coefficient. It assumes a range of 0 to 1. The higher the value of alpha, the more reliable is the scale. In the following, Cronbach's alpha is simply labelled alpha.
4. Standardized item alpha is also a reliability coefficient and also can assume a range of 0 to 1. It differs from Cronbach's alpha in that, rather than working with the raw values of each item, it operates on the standardized values. Again, like Cronbach's alpha, the higher the value of the standardized item alpha, the more reliable is the scale.

For certain of the scales, the number of cases is much less than the 430 in the total sample. The reason for this is the fact that these scales are only appropriate to a certain sub-sample. For example, in SCALE1, there are only 291 cases. This is because this scale is only appropriate to the portion of the total sample who are currently employed.

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FILE DATA2 (CREATION DATE = 09/13/79) VAR128 TO VAR243

***** RELIABILITY ANALYSIS FOR SCALE (SCALE 1) *****

1. VAR201 RECOMMEND JOB TO FRIEND
2. VAR202 TAKE SAME JOB AGAIN

		MEANS	STD DEV	CASES
1.	VAR201	3.23711	0.84413	291.0
2.	VAR202	3.31271	0.93687	291.0

CORRELATION MATRIX

	VAR201	VAR202
VAR201	1.00000	
VAR202	0.43787	1.00000

OF CASES = 291.0

RELIABILITY COEFFICIENTS

2 ITEMS

ALPHA = 0.60676

STANDARDIZED ITEM ALPHA = 0.60905

FILE DATA2 (CREATION DATE = 09/13/79) VAR128 TO VAR243

***** RELIABILITY ANALYSIS FOR SCALE (SCALE 2) *****

1.	VAR203	SUPPLEMENTARY MEDICAL
2.	VAR204	DENTAL PLAN
3.	VAR205	LIFE INSURANCE
4.	VAR206	PENSION PLAN
5.	VAR207	TRAINING PROGRAM
6.	VAR208	STOCK OPTIONS PROFIT SHARING
7.	VAR209	MEALS
8.	VAR210	FREE OR DISCOUNTED MERCHANDISE
9.	VAR211	RECREATIONAL FACILITIES
10.	VAR212	TRANSPORTATION
11.	VAR213	COST OF LIVING OR NORTHERN ALLOWANCE
12.	VAR214	UTILITIES SUBSIDY

		MEANS	STD DEV	CASES
1.	VAR203	0.60150	0.49051	266.0
2.	VAR204	0.59774	0.49128	266.0
3.	VAR205	0.65414	0.47655	266.0
4.	VAR206	0.69925	0.45945	266.0
5.	VAR207	0.59398	0.49201	266.0
6.	VAR208	0.29323	0.45610	266.0
7.	VAR209	0.42105	0.49466	266.0
8.	VAR210	0.31579	0.46571	266.0
9.	VAR211	0.27820	0.44895	266.0
10.	VAR212	0.56015	0.49730	266.0
11.	VAR213	0.32707	0.47003	266.0
12.	VAR214	0.42105	0.49466	266.0

FILE DATA2 (CREATION DATE = 09/13/79) VAR128 TO VAR243

***** RELIABILITY ANALYSIS FOR SCALE (SCALE 2) *****

CORRELATION MATRIX

	VAR203	VAR204	VAR205	VAR206	VAR207	VAR208	VAR209	VAR210	VAR211	VAR212
VAR203	1.00000									
VAR204	0.63203	1.00000								
VAR205	0.69964	0.64462	1.00000							
VAR206	0.57132	0.53197	0.66063	1.00000						
VAR207	0.35904	0.41459	0.47714	0.40930	1.00000					
VAR208	0.18693	0.27579	0.26003	0.24236	0.34757	1.00000				
VAR209	0.16535	0.24927	0.18789	0.12759	0.28643	0.20335	1.00000			
VAR210	-0.05825	-0.03646	-0.05012	-0.08354	0.18289	0.25526	0.10863	1.00000		
VAR211	0.09405	0.09867	0.16922	0.04127	0.25702	0.07926	0.21821	0.08359	1.00000	
VAR212	0.29974	0.38515	0.27919	0.21160	0.31610	0.28795	0.34152	0.08061	0.16139	1.00000
VAR213	0.17463	0.13067	0.22053	0.21258	0.15213	0.13182	0.02221	-0.00817	0.26461	0.03660
VAR214	0.39863	0.45114	0.44402	0.31023	0.42598	0.38733	0.35227	0.02673	0.32017	0.57162
	VAR213	VAR214								
VAR213	1.00000									
VAR214	0.20074	1.00000								

OF CASES = 266.0

RELIABILITY COEFFICIENTS

12 ITEMS

ALPHA = 0.80737

STANDARDIZED ITEM ALPHA = 0.80486

FILE DATA2 (CREATION DATE = 09/13/79) VAR128 TO VAR243

***** RELIABILITY ANALYSIS FOR SCALE (SCALE 3) *****

1.	VAR215	WORK-MATES FRIENDLY OR HELPFUL
2.	VAR216	OPPORTUNITY TO DEVELOP SPECIAL SKILLS
3.	VAR217	ENOUGH AUTHORITY TO DO OWN JOB
4.	VAR218	GOOD FRINGE BENEFITS
5.	VAR219	CAN SEE RESULTS OF WORK
6.	VAR220	SUPERVISOR CONCERNED ABOUT EMPLOYEES WEL
7.	VAR221	PROMOTIONS HANDLED FAIRLY

		MEANS	STD DEV	CASES
1.	VAR215	6.01115	1.26220	269.0
2.	VAR216	5.16357	1.89540	269.0
3.	VAR217	5.83271	1.46536	269.0
4.	VAR218	4.89219	1.97925	269.0
5.	VAR219	5.63197	1.57708	269.0
6.	VAR220	5.39405	1.82461	269.0
7.	VAR221	4.57621	1.96583	269.0

CORRELATION MATRIX

	VAR215	VAR216	VAR217	VAR218	VAR219	VAR220	VAR221
VAR215	1.00000						
VAR216	0.24410	1.00000					
VAR217	0.39844	0.31754	1.00000				
VAR218	0.04828	0.17977	0.10311	1.00000			
VAR219	0.20451	0.34851	0.37045	0.08407	1.00000		
VAR220	0.47766	0.29850	0.43783	0.24118	0.32549	1.00000	
VAR221	0.25154	0.37218	0.32115	0.20495	0.27807	0.43163	1.00000

OF CASES = 269.0

RELIABILITY COEFFICIENTS

7 ITEMS

ALPHA = 0.72403

STANDARDIZED ITEM ALPHA = 0.73406

FILE DATA2 (CREATION DATE = 09/13/79) VAR128 TO VAR243

***** RELIABILITY ANALYSIS FOR SCALE (SCALE 4) *****

1.	VAR222	WOULDN'T MIND BEING UNEMPLOYED FOR AWHIL
2.	VAR223	EARNING A LIVING IS MODT IMPORTANT TO ME
3.	VAR224	WOULD TAKE ANY JOB FOR TWICE THE PAY

		MEANS	STD DEV	CASES
1.	VAR222	5.42000	2.27321	300.0
2.	VAR223	4.92667	2.09026	300.0
3.	VAR224	3.41667	2.21497	300.0

CORRELATION MATRIX

	VAR222	VAR223	VAR224
VAR222	1.00000		
VAR223	0.28946	1.00000	
VAR224	0.00631	0.24645	1.00000

OF CASES = 300.0

RELIABILITY COEFFICIENTS

3 ITEMS

ALPHA = 0.39124

STANDARDIZED ITEM ALPHA = 0.39826

FILE DATA2 (CREATION DATE = 09/13/79) VAR128 TO VAR243

***** RELIABILITY ANALYSIS FOR SCALE (SCALE 5) *****

1.	VAR232	GET TOGETHER WITH NEIGHBOURS
2.	VAR233	VISIT WITH FRIENDS IN FT M.
3.	VAR234	VISIT WITH RELATIVES IN FT M.

		MEANS	STD DEV	CASES
1.	VAR232	3.06089	2.24258	427.0
2.	VAR233	3.98361	1.50966	427.0
3.	VAR234	1.77049	2.32031	427.0

CORRELATION MATRIX

	VAR232	VAR233	VAR234
VAR232	1.00000		
VAR233	0.19513	1.00000	
VAR234	-0.03340	0.08403	1.00000

OF CASES = 427.0

RELIABILITY COEFFICIENTS

3 ITEMS

ALPHA = 0.16441

STANDARDIZED ITEM ALPHA = 0.21117

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FILE DATA2 (CREATION DATE = 09/13/79) VAR128 TO VAR243

*****RELIABILITY ANALYSIS FOR SCALE (SCALE 6)*****

1.	VAR235	CONTACT FRIENDS OUTSIDE FT M.
2.	VAR236	CONTACT RELATIVES OUTSIDE FT M.

		MEANS	STD DEV	CASES
1.	VAR235	3.42389	1.37745	427.0
2.	VAR236	3.65574	1.16118	427.0

CORRELATION MATRIX

	VAR235	VAR236
VAR235	1.00000	
VAR236	0.34095	1.00000

OF CASES = 427.0

RELIABILITY COEFFICIENTS

2 ITEMS

ALPHA = 0.50303

STANDARDIZED ITEM ALPHA = 0.50852

FILE DATA3 (CREATION DATE = 09/13/79) VAR244 TO VAR407

***** RELIABILITY ANALYSIS FOR SCALE (VOTE) *****

- | | | |
|----|--------|-------------------|
| 1. | VAR246 | VOTED MUNICIPALLY |
| 2. | VAR247 | VOTED PROVINCIALY |
| 3. | VAR248 | VOTED FEDERALLY |

		MEANS	STD DEV	CASES
1.	VAR246	0.47671	0.50014	365.0
2.	VAR247	0.50959	0.50059	365.0
3.	VAR248	0.54795	0.49838	365.0

CORRELATION MATRIX

	VAR246	VAR247	VAR248
VAR246	1.00000		
VAR247	0.68395	1.00000	
VAR248	0.59139	0.67262	1.00000

OF CASES = 365.0

RELIABILITY COEFFICIENTS

3 ITEMS

ALPHA = 0.84747

STANDARDIZED ITEM ALPHA = 0.84744

FILE DATA3 (CREATION DATE = 09/13/79) VAR244 TO VAR407

***** RELIABILITY ANALYSIS FOR SCALE (KNOW) *****

1.	VAR249	KNOWS MAYOR-CHAIRMAN
2.	VAR250	KNOWS M.L.A.
3.	VAR251	KNOWS REGIONAL COMMISSIONER
4.	VAR252	KNOWS TOWN MANAGER

		MEANS	STD DEV	CASES
1.	VAR249	0.42558	0.49501	430.0
2.	VAR250	0.20233	0.40220	430.0
3.	VAR251	0.12093	0.32643	430.0
4.	VAR252	0.14419	0.35169	430.0

CORRELATION MATRIX

	VAR249	VAR250	VAR251	VAR252
VAR249	1.00000			
VAR250	0.32753	1.00000		
VAR251	0.35877	0.38136	1.00000	
VAR252	0.38314	0.38654	0.43660	1.00000

OF CASES = 430.0

RELIABILITY COEFFICIENTS

4 ITEMS

ALPHA = 0.69303

STANDARDIZED ITEM ALPHA = 0.70940

FILE DATA3 (CREATION DATE = 09/13/79) VAR244 TO VAR407

***** RELIABILITY ANALYSIS FOR SCALE (SCALE 7) *****

1.	VAR255	PARTICIPATION IN INDIVIDUAL EXERCISE
2.	VAR256	PARTICIPATION HUNT FISH CAMP HIKE
3.	VAR257	PARTICIPATION SWIMMING
4.	VAR258	PARTICIPATION WINTER SPORTS
5.	VAR259	PARTICIPATION TEAM SPORTS
6.	VAR260	PARTICIPATION NON-TEAM SPORTS

		MEANS	STD DEV	CASES
1.	VAR255	3.03030	1.31188	429.0
2.	VAR256	2.82051	1.23157	429.0
3.	VAR257	2.12821	1.13971	429.0
4.	VAR258	2.05128	1.21023	429.0
5.	VAR259	1.94872	1.34379	429.0
6.	VAR260	2.06993	1.28061	429.0

CORRELATION MATRIX

	VAR255	VAR256	VAR257	VAR258	VAR259	VAR260
VAR255	1.00000					
VAR256	0.09014	1.00000				
VAR257	0.27086	0.18455	1.00000			
VAR258	0.26391	0.25543	0.31029	1.00000		
VAR259	0.20366	0.17796	0.10499	0.25016	1.00000	
VAR260	0.24211	0.11908	0.15713	0.30221	0.34016	1.00000

OF CASES = 429.0

RELIABILITY COEFFICIENTS

6 ITEMS

ALPHA = 0.62511

STANDARDIZED ITEM ALPHA = 0.62608

FILE DATA3 (CREATION DATE = 09/13/79) VAR244 TO VAR407

***** RELIABILITY ANALYSIS FOR SCALE (SCALE 8) *****

1.	VAR262	FELT LONELY-REMOTE
2.	VAR263	FELT EXCITED INTERESTED
3.	VAR264	FELT DEPRESSED UNHAPPY
4.	VAR265	FELT PLEASED ABOUT ACCOMPLISHMENT
5.	VAR266	FELT BORED
6.	VAR267	FELT PROUD BECAUSE OF COMPLIMENT
7.	VAR268	FELT ANGRY
8.	VAR269	FELT UPSET BECAUSE OF CRITICISM

		MEANS	STD DEV	CASES
1.	VAR262	2.05995	1.20446	417.0
2.	VAR263	2.64508	1.05779	417.0
3.	VAR264	2.06954	1.00358	417.0
4.	VAR265	2.39329	0.95260	417.0
5.	VAR266	2.37650	1.20883	417.0
6.	VAR267	2.87290	1.00750	417.0
7.	VAR268	2.72662	0.99135	417.0
8.	VAR269	1.94245	0.86965	417.0

CORRELATION MATRIX

	VAR262	VAR263	VAR264	VAR265	VAR266	VAR267	VAR268	VAR269
VAR262	1.00000							
VAR263	0.11108	1.00000						
VAR264	0.56928	0.08671	1.00000					
VAR265	0.15958	0.42035	0.15488	1.00000				
VAR266	0.44344	0.16303	0.39844	0.28861	1.00000			
VAR267	0.04195	0.20794	-0.02214	0.43041	0.09070	1.00000		
VAR268	0.13656	0.01041	0.21970	0.04031	0.19442	0.00364	1.00000	
VAR269	0.24427	-0.07452	0.29104	0.07091	0.26533	-0.06050	0.26332	1.00000

OF CASES = 417.0

RELIABILITY COEFFICIENTS

8 ITEMS

ALPHA = 0.65017

STANDARDIZED ITEM ALPHA = 0.64320

FILE DATA3 (CREATION DATE = 09/13/79) VAR244 TO VAR407

***** RELIABILITY ANALYSIS FOR SCALE (SCALE 9) *****

1.	VAR276	LOST JOB BEEN UNEMPLOYED
2.	VAR277	STRIKE LAID OFF
3.	VAR278	OTHER WORK PROBLEMS
4.	VAR279	FINANCIAL PROBLEMS
5.	VAR280	MARRIED
6.	VAR281	NEW BABY
7.	VAR282	SEPARATION DIVORCE
8.	VAR283	SOMEONE MOVED IN OR OUT OF HOUSE
9.	VAR284	QUIT WORK RETIRED
10.	VAR285	STARTED WORK CHANGED JOB
11.	VAR286	SERIOUS ILLNESS R
12.	VAR287	SERIOUS ILLNESS INJURY SOMEONE CLOSE
13.	VAR288	DEATH OF SOMEONE CLOSE
14.	VAR289	CHANGED RESIDENCE
15.	VAR290	TROUBLE WITH SPOUSE
16.	VAR291	PROMOTION AT WORK

		MEANS	STD DEV	CASES
1.	VAR276	0.17762	0.38265	411.0
2.	VAR277	0.12895	0.33556	411.0
3.	VAR278	0.12409	0.33008	411.0
4.	VAR279	0.22628	0.41893	411.0
5.	VAR280	0.05109	0.22046	411.0
6.	VAR281	0.09976	0.30004	411.0
7.	VAR282	0.04380	0.20489	411.0
8.	VAR283	0.31873	0.46655	411.0
9.	VAR284	0.14112	0.34857	411.0
10.	VAR285	0.38686	0.48763	411.0
11.	VAR286	0.14599	0.35352	411.0
12.	VAR287	0.24818	0.43248	411.0
13.	VAR288	0.21168	0.40900	411.0
14.	VAR289	0.48175	0.50028	411.0
15.	VAR290	0.06326	0.24373	411.0
16.	VAR291	0.24818	0.43248	411.0

FILE DATA3 (CREATION DATE = 09/13/79) VAR244 TO VAR407

***** RELIABILITY ANALYSIS FOR SCALE (SCALE 9) *****

CORRELATION MATRIX

	VAR276	VAR277	VAR278	VAR279	VAR280	VAR281	VAR282	VAR283	VAR284	VAR285
VAR276	1.00000									
VAR277	0.23908	1.00000								
VAR278	0.19197	0.00932	1.00000							
VAR279	0.31163	0.06953	0.27268	1.00000						
VAR280	0.12346	0.00963	0.11376	0.05937	1.00000					
VAR281	0.05774	-0.03118	0.12098	0.05283	-0.04037	1.00000				
VAR282	-0.00613	-0.01139	0.02764	0.19683	0.05833	-0.03157	1.00000			
VAR283	0.11930	0.07956	0.07514	0.16669	0.10212	0.01624	0.15979	1.00000		
VAR284	0.30535	0.01086	0.10181	0.11485	0.03290	-0.01833	0.08401	0.11268	1.00000	
VAR285	0.41514	0.15646	0.11017	0.22711	0.08794	0.00231	0.00089	0.09993	0.20896	1.00000
VAR286	0.09633	-0.03572	0.05340	0.08932	-0.00206	-0.04565	0.04621	0.19040	0.06993	0.03945
VAR287	0.07197	0.01423	0.07420	0.09315	0.04575	0.01550	0.06972	0.03009	-0.02256	0.02938
VAR288	0.10204	0.04942	0.05789	0.06141	0.04206	0.06601	0.00552	0.05458	0.02947	0.10203
VAR289	0.20172	0.10849	0.16883	0.24668	0.17433	-0.02847	0.05541	0.09290	0.19663	0.32396
VAR290	0.03614	0.04912	0.02346	0.17000	0.03048	-0.01980	0.62817	0.14399	0.06692	0.06037
VAR291	-0.07541	0.03104	0.10837	0.07969	-0.03100	-0.04089	0.04219	0.07844	-0.07109	0.07564

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FILE DATA3 (CREATION DATE = 09/13/79) VAR244 TO VAR407

***** RELIABILITY ANALYSIS FOR SCALE (SCALE 9) *****

CORRELATION MATRIX

	VAR286	VAR287	VAR288	VAR289	VAR290	VAR291
VAR286	1.00000					
VAR287	0.12937	1.00000				
VAR288	0.03879	0.26763	1.00000			
VAR289	-0.09523	-0.00156	0.04873	1.00000		
VAR290	0.09071	0.01267	0.01214	-0.01051	1.00000	
VAR291	0.04960	0.04807	0.06079	0.09989	0.01267	1.00000

OF CASES = 411.0

RELIABILITY COEFFICIENTS

16 ITEMS

ALPHA = 0.59203

STANDARDIZED ITEM ALPHA = 0.58590

FILE DATA3 (CREATION DATE = 09/13/79) VAR244 TO VAR407

*****RELIABILITY ANALYSIS FOR SCALE (SCALE10)*****

1.	VAR306	EVALUATION OF LANDSCAPING
2.	VAR307	EVALUATION OF ROOM DESIGN
3.	VAR308	EVALUATION OF AMOUNT INTERIOR SPACE
4.	VAR309	EVAL CONDITION INTERIOR SPACE
5.	VAR310	EVAL AMOUNT EXTERIOR SPACE
6.	VAR311	EVAL CONDITION EXTERIOR SPACE
7.	VAR312	EVAL PLACE FOR CHILDREN TO PLAY
8.	VAR313	EVAL PRIVACY FROM NEIGHBOURS
9.	VAR314	EVAL PARKING
10.	VAR315	EVAL STORAGE
11.	VAR316	EVAL INSULATION
12.	VAR317	EVAL NOISE LEVEL

		MEANS	STD DEV	CASES
1.	VAR306	3.73723	1.94536	411.0
2.	VAR307	4.75426	1.56188	411.0
3.	VAR308	4.88321	1.79457	411.0
4.	VAR309	5.32360	1.42791	411.0
5.	VAR310	4.28224	2.11571	411.0
6.	VAR311	4.68613	1.68531	411.0
7.	VAR312	4.04866	2.21801	411.0
8.	VAR313	4.23114	2.03808	411.0
9.	VAR314	4.68613	2.00883	411.0
10.	VAR315	4.46715	1.99775	411.0
11.	VAR316	4.61314	1.78851	411.0
12.	VAR317	4.27251	1.90601	411.0

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FILE DATA3 (CREATION DATE = 09/13/79) VAR244 TO VAR407

***** RELIABILITY ANALYSIS FOR SCALE (SCALE 10) *****

CORRELATION MATRIX

	VAR306	VAR307	VAR308	VAR309	VAR310	VAR311	VAR312	VAR313	VAR314	VAR315
VAR306	1.00000									
VAR307	0.26768	1.00000								
VAR308	0.20707	0.60060	1.00000							
VAR309	0.29234	0.48632	0.46119	1.00000						
VAR310	0.32977	0.21664	0.33118	0.26034	1.00000					
VAR311	0.41445	0.29679	0.25882	0.47914	0.42096	1.00000				
VAR312	0.34778	0.19919	0.16320	0.17676	0.46952	0.37340	1.00000			
VAR313	0.24789	0.23702	0.29015	0.22064	0.50805	0.32651	0.37681	1.00000		
VAR314	0.13363	0.15959	0.20902	0.18855	0.36522	0.21145	0.31491	0.38533	1.00000	
VAR315	0.25634	0.33783	0.45202	0.28461	0.33285	0.24939	0.35154	0.37417	0.41465	1.00000
VAR316	0.25182	0.33085	0.33849	0.31846	0.22487	0.27763	0.18613	0.35246	0.13516	0.36949
VAR317	0.18973	0.21836	0.35374	0.27132	0.30809	0.29396	0.28705	0.41886	0.22496	0.33928
	VAR316	VAR317								
VAR316	1.00000									
VAR317	0.39447	1.00000								

OF CASES = 411.0

RELIABILITY COEFFICIENTS

12 ITEMS

ALPHA = 0.84001

STANDARDIZED ITEM ALPHA = 0.84266

FILE DATA3 (CREATION DATE = 09/13/79) VAR244 TO VAR407

***** RELIABILITY ANALYSIS FOR SCALE (SCALE11) *****

1.	VAR320	SATISFACTION WITH NON-WORK ACTIVITIES
2.	VAR321	SATISFACTION FAMILY LIFE
3.	VAR322	SATISFACTION FRIENDSHIPS
4.	VAR323	SATISFACTION STANDARD OF LIVING
5.	VAR324	SATISFACTION NEIGHBOURHOOD

		MEANS	STD DEV	CASES
1.	VAR320	5.38725	1.45769	408.0
2.	VAR321	6.06127	1.17662	408.0
3.	VAR322	5.97304	1.09579	408.0
4.	VAR323	5.80147	1.16345	408.0
5.	VAR324	4.89951	1.60074	408.0

CORRELATION MATRIX

	VAR320	VAR321	VAR322	VAR323	VAR324
VAR320	1.00000				
VAR321	0.23253	1.00000			
VAR322	0.29266	0.43196	1.00000		
VAR323	0.22509	0.18660	0.18659	1.00000	
VAR324	0.15361	0.09851	0.12452	0.31513	1.00000

OF CASES = 408.0

RELIABILITY COEFFICIENTS

5 ITEMS

ALPHA = 0.57275

STANDARDIZED ITEM ALPHA = 0.59171

FILE DATA3 (CREATION DATE = 09/13/79) VAR244 TO VAR407

***** RELIABILITY ANALYSIS FOR SCALE (SCALE12) *****

1.	VAR359	EARNING FAMILY INCOME
2.	VAR360	HOUSEKEEPING
3.	VAR361	IN TOUCH WITH RELATIVES

		MEANS	STD DEV	CASES
1.	VAR359	1.77673	0.76836	318.0
2.	VAR360	1.77044	0.66513	318.0
3.	VAR361	2.39623	0.65518	318.0

CORRELATION MATRIX

	VAR359	VAR360	VAR361
VAR359	1.00000		
VAR360	0.32530	1.00000	
VAR361	-0.03050	-0.00779	1.00000

OF CASES = 318.0

RELIABILITY COEFFICIENTS

3 ITEMS

ALPHA = 0.25185

STANDARDIZED ITEM ALPHA = 0.24092

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FILE DATA3 (CREATION DATE = 09/13/79) VAR244 TO VAR407

***** RELIABILITY ANALYSIS FOR SCALE (SCALE13) *****

1.	VAR362	DISAGREE ABOUT HOSEKEEPING
2.	VAR363	DISAGREE WORK SCHEDULES
3.	VAR364	DISAGREE SPEND MONEY
4.	VAR365	DISAGREE VISIT-WRITE RELATIVES

		MEANS	STD DEV	CASES
1.	VAR362	2.33333	1.08877	321.0
2.	VAR363	1.96262	0.98987	321.0
3.	VAR364	2.52960	1.05471	321.0
4.	VAR365	1.86604	1.00505	321.0

CORRELATION MATRIX

	VAR362	VAR363	VAR364	VAR365
VAR362	1.00000			
VAR363	0.31605	1.00000		
VAR364	0.33291	0.26746	1.00000	
VAR365	0.25226	0.21169	0.26760	1.00000

OF CASES = 321.0

RELIABILITY COEFFICIENTS

4 ITEMS

ALPHA = 0.60344

STANDARDIZED ITEM ALPHA = 0.60233

FILE DATA3 (CREATION DATE = 09/13/79) VAR244 TO VAR407

***** RELIABILITY ANALYSIS FOR SCALE (SCALE 14) *****

1.	VAR366	DISCUSS WORK
2.	VAR367	SHARE PERSONAL PROB
3.	VAR368	UNABLE TO RESOLVE DISAGREEMENTS

		MEANS	STD DEV	CASES
1.	VAR366	3.87147	0.99643	319.0
2.	VAR367	4.20063	0.85628	319.0
3.	VAR368	4.02508	0.90387	319.0

CORRELATION MATRIX

	VAR366	VAR367	VAR368
VAR366	1.00000		
VAR367	0.41363	1.00000	
VAR368	0.15722	0.28196	1.00000

OF CASES = 319.0

RELIABILITY COEFFICIENTS

3 ITEMS

ALPHA = 0.53879

STANDARDIZED ITEM ALPHA = 0.54369

FILE DATA3 (CREATION DATE = 09/13/79) VAR244 TO VAR407

***** RELIABILITY ANALYSIS FOR SCALE (SCALE15) *****

1.	VAR376	ANIMAL CONTROL
2.	VAR377	FIRE PROTECTION
3.	VAR378	GARBAGE COLLECTION
4.	VAR379	HEALTH SERVICES
5.	VAR380	LIBRARY
6.	VAR381	SOC SERVICE
7.	VAR382	SHOPPING
8.	VAR383	RECREATION
9.	VAR384	POLICE
10.	VAR385	SHOOLS
11.	VAR386	SIDEWALKS-BACK LANES
12.	VAR387	SNOW-ICE REMOVAL
13.	VAR388	TRAFFIC LIGHTS
14.	VAR389	TELEPHONES
15.	VAR390	DOWNTOWN PARKING
16.	VAR391	FLOOD CONTROL
17.	VAR392	STREET REPAIR

		MEANS	STD DEV	CASES
1.	VAR376	2.27182	1.59951	401.0
2.	VAR377	5.40150	1.36415	401.0
3.	VAR378	5.01496	1.65824	401.0
4.	VAR379	4.91272	1.68222	401.0
5.	VAR380	5.10973	1.38128	401.0
6.	VAR381	4.89277	1.30421	401.0
7.	VAR382	5.35661	1.36382	401.0
8.	VAR383	4.99002	1.59684	401.0
9.	VAR384	5.60599	1.29976	401.0
10.	VAR385	5.28928	1.42341	401.0
11.	VAR386	3.72070	1.90573	401.0
12.	VAR387	2.96010	1.71855	401.0
13.	VAR388	3.26933	1.73415	401.0
14.	VAR389	5.82294	1.30425	401.0
15.	VAR390	3.26185	1.75891	401.0
16.	VAR391	3.35910	1.73514	401.0
17.	VAR392	2.32668	1.51179	401.0

FILE DATA3 (CREATION DATE = 09/13/79) VAR244 TO VAR407

***** RELIABILITY ANALYSIS FOR SCALE (SCALE 15) *****

CORRELATION MATRIX

	VAR376	VAR377	VAR378	VAR379	VAR380	VAR381	VAR382	VAR383	VAR384	VAR385
VAR376	1.00000									
VAR377	0.10224	1.00000								
VAR378	0.16529	0.32005	1.00000							
VAR379	-0.03483	0.19180	0.23886	1.00000						
VAR380	-0.05314	0.28305	0.19902	0.36564	1.00000					
VAR381	-0.05910	0.24206	0.19610	0.36834	0.44091	1.00000				
VAR382	0.00244	0.31791	0.16234	0.18795	0.29502	0.32936	1.00000			
VAR383	0.02651	0.29794	0.24270	0.20815	0.30993	0.39202	0.47459	1.00000		
VAR384	0.07089	0.31786	0.18833	0.21177	0.17592	0.34076	0.31499	0.38837	1.00000	
VAR385	0.04773	0.30826	0.25765	0.31126	0.39325	0.28339	0.30860	0.34114	0.39823	1.00000
VAR386	0.17752	0.29231	0.32172	0.24348	0.24340	0.21725	0.20194	0.27183	0.23201	0.33491
VAR387	0.18949	0.21586	0.39147	0.26168	0.19247	0.12078	0.14048	0.19207	0.21343	0.20300
VAR388	0.08080	0.22260	0.29853	0.23775	0.15775	0.21508	0.16013	0.20862	0.16921	0.15167
VAR389	-0.02720	0.34356	0.14341	0.20716	0.16346	0.26218	0.27592	0.30765	0.29204	0.20676
VAR390	0.13103	0.09986	0.22922	0.11505	0.15381	0.11035	0.12772	0.22078	0.10320	0.09549
VAR391	0.12328	0.23467	0.22925	0.16236	0.12747	0.15846	0.17817	0.20251	0.16710	0.20583
VAR392	0.16169	0.21384	0.28625	0.20686	0.13723	0.20040	0.15070	0.17119	0.14074	0.15696

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FILE DATA3 (CREATION DATE = 09/13/79) VAR244 TO VAR407

***** RELIABILITY ANALYSIS FOR SCALE (SCALE 15) *****

CORRELATION MATRIX

	VAR386	VAR387	VAR388	VAR389	VAR390	VAR391	VAR392
VAR386	1.00000						
VAR387	0.42711	1.00000					
VAR388	0.32465	0.38446	1.00000				
VAR389	0.19329	0.14741	0.21236	1.00000			
VAR390	0.22623	0.38143	0.28828	0.21642	1.00000		
VAR391	0.26780	0.27310	0.24279	0.11654	0.34264	1.00000	
VAR392	0.37798	0.46787	0.39929	0.16254	0.33254	0.41835	1.00000

OF CASES = 401.0

RELIABILITY COEFFICIENTS

17 ITEMS

ALPHA = 0.83058

STANDARDIZED ITEM ALPHA = 0.83276

FILE DATA3 (CREATION DATE = 09/13/79) VAR244 TO VAR407

***** RELIABILITY ANALYSIS FOR SCALE (SCALE 16) *****

1.	VAR403	FREQUENCY GO TO MOVIES
2.	VAR404	FREQUENCY GO TO BAR-LOUNGE
3.	VAR405	FREQUENCY GO TO RESTAURANT
4.	VAR407	FREQUENCY GO TO CULTURAL ACTIVITIES

		MEANS	STD DEV	CASES
1.	VAR403	0.74641	1.45031	418.0
2.	VAR404	2.12919	3.67604	418.0
3.	VAR405	3.90670	5.70946	418.0
4.	VAR407	0.41388	1.23634	418.0

CORRELATION MATRIX

	VAR403	VAR404	VAR405	VAR407
VAR403	1.00000			
VAR404	0.16719	1.00000		
VAR405	0.18190	0.32998	1.00000	
VAR407	0.04797	0.03728	0.01194	1.00000

OF CASES = 418.0

RELIABILITY COEFFICIENTS

4 ITEMS

ALPHA = 0.37308

STANDARDIZED ITEM ALPHA = 0.37281

FILE DATA4 (CREATION DATE = 09/09/79) VAR408 TO VAR528

***** RELIABILITY ANALYSIS FOR SCALE (SCALE 17) *****

1.	VAR410	PROB GOOD REC FACILITIES
2.	VAR411	PROB GOOD HOUSEHOLD REPAIRMAN
3.	VAR413	PROB MEDICAL DENTAL TREATMENT
4.	VAR414	PROB GOOD ENTERTAINMENT
5.	VAR416	PROB CAR FIXED
6.	VAR417	VANDALISM THEFT JUVENILES

		MEANS	STD DEV	CASES
1.	VAR410	0.30318	0.46019	409.0
2.	VAR411	0.19315	0.39526	409.0
3.	VAR413	0.25672	0.43736	409.0
4.	VAR414	0.41565	0.49344	409.0
5.	VAR416	0.31296	0.46427	409.0
6.	VAR417	0.30562	0.46124	409.0

CORRELATION MATRIX

	VAR410	VAR411	VAR413	VAR414	VAR416	VAR417
VAR410	1.00000					
VAR411	0.27015	1.00000				
VAR413	0.12380	0.22286	1.00000			
VAR414	0.28560	0.22826	0.15170	1.00000		
VAR416	0.08252	0.13726	0.19481	0.14761	1.00000	
VAR417	0.13975	0.07873	0.20545	0.14047	0.14743	1.00000

OF CASES = 409.0

RELIABILITY COEFFICIENTS

6 ITEMS

ALPHA = 0.54946

STANDARDIZED ITEM ALPHA = 0.55210

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FILE DATA4 (CREATION DATE = 09/09/79) VAR408 TO VAR528

***** RELIABILITY ANALYSIS FOR SCALE (SCALE18) *****

1.	VAR412	PROB CASH WRITE CHEQUE
2.	VAR415	PROB BORROWING MONEY
3.	VAR418	PROB SAVING

		MEANS	STD DEV	CASES
1.	VAR412	0.19617	0.39758	418.0
2.	VAR415	0.07177	0.25842	418.0
3.	VAR418	0.48804	0.50046	418.0

CORRELATION MATRIX

	VAR412	VAR415	VAR418
VAR412	1.00000		
VAR415	0.25943	1.00000	
VAR418	0.04798	0.04374	1.00000

OF CASES = 418.0

RELIABILITY COEFFICIENTS

3 ITEMS

ALPHA = 0.22463

STANDARDIZED ITEM ALPHA = 0.28454

FILE DATA4 (CREATION DATE = 09/09/79) VAR408 TO VAR528

***** RELIABILITY ANALYSIS FOR SCALE (SCALE19) *****

1.	VAR421	NO. CARS
2.	VAR422	NO. BOATS WITH MOTOR
3.	VAR423	BOATS NO MOTOR
4.	VAR424	MOBILE HOME
5.	VAR425	CAMPER VANS
6.	VAR426	CAMPER TRAILERS
7.	VAR427	JEEPS
8.	VAR428	MOTOR CYCLES
9.	VAR429	SNOWMOBILES
10.	VAR430	TRUCK CAMPERS
11.	VAR431	TRUCKS
12.	VAR432	VANS

		MEANS	STD DEV	CASES
1.	VAR421	0.98595	0.72823	427.0
2.	VAR422	0.13583	0.38187	427.0
3.	VAR423	0.09368	0.34346	427.0
4.	VAR424	0.11007	0.32799	427.0
5.	VAR425	0.03044	0.17201	427.0
6.	VAR426	0.12178	0.32741	427.0
7.	VAR427	0.03044	0.20898	427.0
8.	VAR428	0.16862	0.48416	427.0
9.	VAR429	0.19672	0.52513	427.0
10.	VAR430	0.07494	0.26361	427.0
11.	VAR431	0.28103	0.53136	427.0
12.	VAR432	0.06792	0.27845	427.0

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FILE DATA4 (CREATION DATE = 09/09/79) VAR408 TO VAR528

***** RELIABILITY ANALYSIS FOR SCALE (SCALE 19) *****

CORRELATION MATRIX

	VAR421	VAR422	VAR423	VAR424	VAR425	VAR426	VAR427	VAR428	VAR429	VAR430
VAR421	1.00000									
VAR422	0.13350	1.00000								
VAR423	0.04282	0.13543	1.00000							
VAR424	0.12443	0.08651	0.01244	1.00000						
VAR425	-0.01532	0.15132	-0.04839	0.02368	1.00000					
VAR426	0.18441	0.03636	0.02356	0.09348	-0.06599	1.00000				
VAR427	-0.01261	0.06572	0.02558	-0.01476	0.03946	0.08292	1.00000			
VAR428	0.03337	0.12976	0.04595	0.04546	-0.00541	0.03305	-0.00446	1.00000		
VAR429	0.03180	0.26444	0.07980	0.13294	0.11545	0.22896	0.05225	0.29393	1.00000	
VAR430	-0.12901	0.22511	0.12970	0.12157	-0.05044	-0.02440	-0.04151	0.12147	0.21545	1.00000
VAR431	-0.11717	0.13536	0.04835	0.15883	0.03459	0.15364	-0.05609	0.13473	0.24728	0.23474
VAR432	-0.12262	0.02342	0.03150	0.07217	0.10376	-0.09093	0.12574	-0.03291	-0.04342	-0.06950
	VAR431	VAR432								
VAR431	1.00000									
VAR432	-0.09757	1.00000								

147

OF CASES = 427.0

RELIABILITY COEFFICIENTS

12 ITEMS

ALPHA = 0.43446

STANDARDIZED ITEM ALPHA = 0.43791

FILE DATA4 (CREATION DATE = 09/09/79) VAR408 TO VAR528

***** RELIABILITY ANALYSIS FOR SCALE (SCALE 20) *****

1.	VAR435	DISHWASHER
2.	VAR436	MICROWAVE
3.	VAR437	GAS B-B-Q
4.	VAR438	FOOD PROCESSOR
5.	VAR439	GOLF CLUBS
6.	VAR440	SKIS
7.	VAR441	GUNS
8.	VAR442	AUTOMATIC WASHER
9.	VAR443	DRYER
10.	VAR444	FREEZER
11.	VAR445	GARBORATOR
12.	VAR446	STEREO
13.	VAR447	POOL TABLE

		MEANS	STD DEV	CASES
1.	VAR435	0.32558	0.46914	430.0
2.	VAR436	0.08605	0.28076	430.0
3.	VAR437	0.06512	0.24702	430.0
4.	VAR438	0.13488	0.34200	430.0
5.	VAR439	0.20465	0.40392	430.0
6.	VAR440	0.28140	0.45020	430.0
7.	VAR441	0.50233	0.50058	430.0
8.	VAR442	0.76047	0.42730	430.0
9.	VAR443	0.73953	0.43940	430.0
10.	VAR444	0.51628	0.50032	430.0
11.	VAR445	0.03023	0.17143	430.0
12.	VAR446	0.86279	0.34447	430.0
13.	VAR447	0.04419	0.20575	430.0

FILE DATA4 (CREATION DATE = 09/09/79) VAR408 TO VAR528

***** RELIABILITY ANALYSIS FOR SCALE (SCALE 20) *****

CORRELATION MATRIX

	VAR435	VAR436	VAR437	VAR438	VAR439	VAR440	VAR441	VAR442	VAR443	VAR444
VAR435	1.00000									
VAR436	0.22924	1.00000								
VAR437	0.21892	0.15430	1.00000							
VAR438	0.14697	0.14588	0.11653	1.00000						
VAR439	0.15191	0.11157	0.21657	0.06970	1.00000					
VAR440	0.15015	0.04773	0.08638	0.11626	0.18250	1.00000				
VAR441	0.15558	0.10638	0.03648	0.07986	-0.00236	-0.02877	1.00000			
VAR442	0.29693	0.11392	0.10395	0.07805	0.13613	0.01192	0.17153	1.00000		
VAR443	0.29927	0.12541	0.11367	0.07922	0.14343	0.01787	0.18292	0.89603	1.00000	
VAR444	0.40440	0.19744	0.10457	0.12337	0.11036	0.10897	0.20926	0.43807	0.42225	1.00000
VAR445	0.10920	0.09112	0.06350	0.12908	0.07876	0.04053	0.01276	0.09909	0.07384	0.11655
VAR446	0.10399	0.05005	0.05046	0.03874	0.11852	0.05415	0.06269	0.09292	0.13295	0.11443
VAR447	0.18870	0.17614	0.08085	0.11387	0.11533	-0.00872	0.14611	0.12067	0.12760	0.14019
	VAR445	VAR446	VAR447							
VAR445	1.00000									
VAR446	-0.04801	1.00000								
VAR447	0.16030	0.05285	1.00000							

OF CASES = 430.0

RELIABILITY COEFFICIENTS

13 ITEMS

ALPHA = 0.67364

STANDARDIZED ITEM ALPHA = 0.66617

FILE DATA4 (CREATION DATE = 09/09/79) VAR408 TO VAR528

***** RELIABILITY ANALYSIS FOR SCALE (SCALE21) *****

1.	VAR448	2ND HOME-COTTAGE
2.	VAR449	OTHER PROPERTY
3.	VAR450	SHARES-STOCKS
4.	VAR451	BONDS
5.	VAR452	R HAVE RRSP
6.	VAR453	R HAVE RHOSP
7.	VAR454	INSURANCE ON SELF

		MEANS	STD DEV	CASES
1.	VAR448	0.10302	0.30436	398.0
2.	VAR449	0.20352	0.40312	398.0
3.	VAR450	0.26131	0.43990	398.0
4.	VAR451	0.24874	0.43283	398.0
5.	VAR452	0.26884	0.44392	398.0
6.	VAR453	0.08543	0.27987	398.0
7.	VAR454	0.64824	0.47812	398.0

CORRELATION MATRIX

	VAR448	VAR449	VAR450	VAR451	VAR452	VAR453	VAR454
VAR448	1.00000						
VAR449	0.38300	1.00000					
VAR450	0.13708	0.09707	1.00000				
VAR451	0.03445	0.02673	0.35892	1.00000			
VAR452	0.03686	0.11575	0.24560	0.20168	1.00000		
VAR453	-0.01486	0.11343	0.02282	0.07367	0.22017	1.00000	
VAR454	0.04193	0.03257	0.22255	0.19261	0.18559	-0.00076	1.00000

OF CASES = 398.0

RELIABILITY COEFFICIENTS

7 ITEMS

ALPHA = 0.52196

STANDARDIZED ITEM ALPHA = 0.51091

FILE DATA4 (CREATION DATE = 09/09/79) VAR408 TO VAR528

***** RELIABILITY ANALYSIS FOR SCALE (SCALE22) *****

1.	VAR456	USE POLICE
2.	VAR457	USE FIRE DEPT
3.	VAR458	USE AMBULANCE
4.	VAR459	USE HOSPITAL EMERG
5.	VAR460	USE PUBLIC HEALTH SERVICE
6.	VAR461	USE UTILITY MAINTENANCE
7.	VAR462	USE POST-SEC COURSES
8.	VAR463	USE COUNSELLING SERVICE

		MEANS	STD DEV	CASES
1.	VAR456	0.34286	0.47523	420.0
2.	VAR457	0.06905	0.25384	420.0
3.	VAR458	0.07143	0.25785	420.0
4.	VAR459	0.56429	0.49644	420.0
5.	VAR460	0.38810	0.48790	420.0
6.	VAR461	0.24524	0.43074	420.0
7.	VAR462	0.22619	0.41886	420.0
8.	VAR463	0.07381	0.26177	420.0

CORRELATION MATRIX

	VAR456	VAR457	VAR458	VAR459	VAR460	VAR461	VAR462	VAR463
VAR456	1.00000							
VAR457	0.13962	1.00000						
VAR458	0.07234	0.10679	1.00000					
VAR459	0.25030	0.10674	0.20642	1.00000				
VAR460	0.25851	0.07217	0.12060	0.18743	1.00000			
VAR461	0.10127	0.08487	0.05679	0.03213	0.12522	1.00000		
VAR462	0.17299	0.12212	0.07103	0.09633	0.10664	0.02252	1.00000	
VAR463	0.16060	0.10271	0.13386	0.04604	0.07417	0.05075	0.13034	1.00000

of cases = 420 Alpha = 0.50490 Standardized Alpha = 0.50893

FILE DATA4 (CREATION DATE = 09/09/79) VAR408 TO VAR528

***** RELIABILITY ANALYSIS FOR SCALE (SICK) *****

1.	VAR484	COLD-FLU
2.	VAR486	EYE PROB
3.	VAR488	EAR PROB
4.	VAR490	ASTHMA
5.	VAR492	HAY FEVER
6.	VAR494	SKIN TROUBLE RASH
7.	VAR496	ULCERS
8.	VAR498	BACK SPINE
9.	VAR500	ARTHRITIS RHEUMATISM
10.	VAR502	HYPERTENSION BLOOD PRESSURE
11.	VAR504	OTHER ILLNESS-INJURIES TREATED

		MEANS	STD DEV	CASES
1.	VAR484	0.74684	0.43538	395.0
2.	VAR486	0.16962	0.37577	395.0
3.	VAR488	0.06582	0.24829	395.0
4.	VAR490	0.02532	0.15728	395.0
5.	VAR492	0.07595	0.26525	395.0
6.	VAR494	0.19494	0.39665	395.0
7.	VAR496	0.06835	0.25267	395.0
8.	VAR498	0.21772	0.41322	395.0
9.	VAR500	0.06076	0.23919	395.0
10.	VAR502	0.06835	0.25267	395.0
11.	VAR504	0.35949	0.63516	395.0

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FILE DATA4 (CREATION DATE = 09/09/79) VAR408 TO VAR528

***** RELIABILITY ANALYSIS FOR SCALE (SICK) *****

CORRELATION MATRIX

	VAR484	VAR486	VAR488	VAR490	VAR492	VAR494	VAR496	VAR498	VAR500	VAR502
VAR484	1.00000									
VAR486	0.12352	1.00000								
VAR488	0.10759	0.15206	1.00000							
VAR490	0.05677	0.09893	0.15220	1.00000						
VAR492	0.03505	0.02321	0.07805	0.19714	1.00000					
VAR494	0.12483	0.18627	0.12710	0.08342	0.07603	1.00000				
VAR496	0.06542	0.03796	0.08993	0.08408	0.07382	0.06930	1.00000			
VAR498	0.09554	0.15385	0.05787	0.07118	-0.01231	0.06559	0.17312	1.00000		
VAR500	0.05060	0.16742	0.10343	0.09394	0.08710	0.19586	0.05709	0.09693	1.00000	
VAR502	0.04235	0.11816	0.00901	0.14794	0.03595	0.22125	0.12540	0.02726	0.26707	1.00000
VAR504	0.10049	0.15859	0.12317	0.08651	0.07856	0.14425	0.02046	0.11685	0.12316	0.11535

153

VAR504

VAR504 1.00000

OF CASES = 395.0

RELIABILITY COEFFICIENTS

11 ITEMS

ALPHA = 0.51712

STANDARDIZED ITEM ALPHA = 0.55307

FILE DATA4 (CREATION DATE = 09/09/79) VAR408 TO VAR528

***** RELIABILITY ANALYSIS FOR SCALE (TREAT) *****

1.	VAR485	TREATED COLD-FLU
2.	VAR487	TREATED EYE PROB
3.	VAR489	TREATED EAR PROB
4.	VAR495	TREATED SKIN TROUBLE RASH
5.	VAR497	TREATED ULCERS
6.	VAR499	TREATED BACK SPINE
7.	VAR501	TREATED ARTHRITIS RHEUMATISM
8.	VAR504	OTHER ILLNESS-INJURIES TREATED
9.	VAR491	TREATED ASTHMA
10.	VAR493	TREATED HAY FEVER
11.	VAR503	TREATED HYPERTENSION BLOOD PRESSURE

		MEANS	STD DEV	CASES
1.	VAR485	0.57143	0.53452	7.0
2.	VAR487	0.14286	0.37796	7.0
3.	VAR489	0.28571	0.48795	7.0
4.	VAR495	0.14286	0.37796	7.0
5.	VAR497	0.14286	0.37796	7.0
6.	VAR499	0.28571	0.48795	7.0
7.	VAR501	0.28571	0.48795	7.0
8.	VAR504	0.28571	0.48795	7.0
9.	VAR491	0.0	0.0	7.0
10.	VAR493	0.0	0.0	7.0
11.	VAR503	0.0	0.0	7.0

*** VAR491 HAS ZERO VARIANCE ***

*** VAR493 HAS ZERO VARIANCE ***

*** VAR503 HAS ZERO VARIANCE ***

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FILE DATA4 (CREATION DATE = 09/09/79) VAR408 TO VAR528

***** RELIABILITY ANALYSIS FOR SCALE (TREAT) *****

CORRELATION MATRIX

	VAR485	VAR487	VAR489	VAR495	VAR497	VAR499	VAR501	VAR504
VAR485	1.00000							
VAR487	0.35355	1.00000						
VAR489	0.54772	-0.25820	1.00000					
VAR495	0.35355	-0.16667	0.64550	1.00000				
VAR497	0.35355	1.00000	-0.25820	-0.16667	1.00000			
VAR499	0.54772	0.64550	-0.40000	-0.25820	0.64550	1.00000		
VAR501	0.54772	0.64550	0.30000	-0.25820	0.64550	0.30000	1.00000	
VAR504	-0.09129	0.64550	-0.40000	-0.25820	0.64550	0.30000	0.30000	1.00000

OF CASES = 7.0

RELIABILITY COEFFICIENTS

8 ITEMS

ALPHA = 0.71733

STANDARDIZED ITEM ALPHA = 0.72372

FILE DATA4 (CREATION DATE = 09/09/79) VAR408 TO VAR528

*****RELIABILITY ANALYSIS FOR SCALE (PHYSICAL)*****

1.	VAR506	CRAMPS IN LEGS
2.	VAR507	PAINS IN HEART
3.	VAR508	TIGHTNESS IN CHEST
4.	VAR509	TROUBLE BREATHING
5.	VAR510	SWOLLEN ANKLES
6.	VAR511	PAIN BACK SPINE
7.	VAR512	PAIN STOMACH
8.	VAR513	HEADACHES
9.	VAR514	COUGHING CHEST COLD
10.	VAR515	STIFFNESS SWELLING ACHE JOINTS MUSCLES
11.	VAR516	VERY TIRED SHORT TIME
12.	VAR517	TROUBLE SLEEPING
13.	VAR518	TROUBLE STAY ASLEEP
14.	VAR519	DIFFICULT GETTING UP
15.	VAR520	HEART POUNDING
16.	VAR521	HANDS SWEATING
17.	VAR522	NERVOUS FIDGETY TENSE
18.	VAR523	WORN OUT END OF DAY
19.	VAR524	POOR APETITE
20.	VAR525	NORMAL ACTIVITIES CURTAILED BY SICKNESS

		MEANS	STD DEV	CASES
1.	VAR506	1.80157	0.90218	383.0
2.	VAR507	1.18799	0.55216	383.0
3.	VAR508	1.43603	0.79623	383.0
4.	VAR509	1.58225	0.91976	383.0
5.	VAR510	1.38642	0.88147	383.0
6.	VAR511	1.86945	1.14576	383.0
7.	VAR512	1.93211	1.13284	383.0
8.	VAR513	2.40992	1.08131	383.0
9.	VAR514	2.07572	0.94731	383.0
10.	VAR515	1.66057	0.96248	383.0
11.	VAR516	1.82768	1.01381	383.0
12.	VAR517	2.06266	1.10980	383.0
13.	VAR518	1.75196	1.03022	383.0
14.	VAR519	2.54830	1.18549	383.0
15.	VAR520	1.65013	0.90247	383.0
16.	VAR521	1.71802	0.96204	383.0
17.	VAR522	2.12010	0.99538	383.0
18.	VAR523	2.65013	1.10581	383.0
19.	VAR524	1.79112	0.98588	383.0
20.	VAR525	1.61880	0.85667	383.0

FILE DATA4 (CREATION DATE = 09/09/79) VAR408 TO VAR528

***** RELIABILITY ANALYSIS FOR SCALE (PHYSICAL) *****

CORRELATION MATRIX

	VAR506	VAR507	VAR508	VAR509	VAR510	VAR511	VAR512	VAR513	VAR514	VAR515
VAR506	1.00000									
VAR507	0.18018	1.00000								
VAR508	0.14992	0.46804	1.00000							
VAR509	0.13960	0.40762	0.52819	1.00000						
VAR510	0.28431	0.26450	0.18078	0.20932	1.00000					
VAR511	0.13695	0.06786	0.17447	0.18659	0.10970	1.00000				
VAR512	0.19938	0.16275	0.32022	0.29179	0.10761	0.24324	1.00000			
VAR513	0.18557	0.12928	0.28138	0.28319	0.08056	0.18065	0.41813	1.00000		
VAR514	0.14321	0.19292	0.23723	0.27976	0.10281	0.18037	0.23898	0.25074	1.00000	
VAR515	0.25385	0.22382	0.28927	0.24453	0.35557	0.31579	0.24531	0.13907	0.14311	1.00000
VAR516	0.24014	0.28717	0.32357	0.34370	0.20067	0.26229	0.41374	0.40131	0.20170	0.39329
VAR517	0.25822	0.21141	0.21488	0.21805	0.19997	0.16909	0.33030	0.37338	0.11001	0.19887
VAR518	0.21729	0.09599	0.21517	0.28818	0.16636	0.18096	0.30180	0.31006	0.13195	0.30296
VAR519	0.14116	0.05808	0.10659	0.16981	0.00965	0.22244	0.19932	0.22651	0.14709	0.17730
VAR520	0.16208	0.36349	0.35129	0.38798	0.17040	0.15572	0.30702	0.25734	0.25154	0.21855
VAR521	0.06506	0.15426	0.27713	0.27479	0.10722	0.08051	0.27063	0.25485	0.28201	0.24693
VAR522	0.23358	0.11599	0.29708	0.30943	0.09018	0.21578	0.31834	0.46004	0.25963	0.25580
VAR523	0.17426	0.08656	0.16777	0.18537	0.13101	0.22006	0.27982	0.31292	0.17280	0.24723
VAR524	0.17990	0.14926	0.25639	0.22974	0.03288	0.11716	0.33183	0.29908	0.20758	0.13476
VAR525	0.22703	0.12422	0.20978	0.21266	0.19905	0.19720	0.38867	0.27935	0.20017	0.22683

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FILE DATA4 (CREATION DATE = 09/09/79) VAR408 TO VAR528

***** RELIABILITY ANALYSIS FOR SCALE (PHYSICAL) *****

CORRELATION MATRIX

	VAR516	VAR517	VAR518	VAR519	VAR520	VAR521	VAR522	VAR523	VAR524	VAR525
VAR516	1.00000									
VAR517	0.48193	1.00000								
VAR518	0.34746	0.61809	1.00000							
VAR519	0.30535	0.19866	0.05592	1.00000						
VAR520	0.34308	0.27809	0.19924	0.26297	1.00000					
VAR521	0.33386	0.26423	0.25148	0.09920	0.38659	1.00000				
VAR522	0.47194	0.36522	0.36099	0.25241	0.37329	0.47559	1.00000			
VAR523	0.47147	0.31441	0.23843	0.36238	0.23902	0.22445	0.36410	1.00000		
VAR524	0.33843	0.39481	0.21948	0.14752	0.31485	0.33795	0.30040	0.30978	1.00000	
VAR525	0.30998	0.23445	0.21589	0.16253	0.17580	0.19004	0.27794	0.28993	0.25882	1.00000

158

OF CASES = 383.0

RELIABILITY COEFFICIENTS

20 ITEMS

ALPHA = 0.86319

STANDARDIZED ITEM ALPHA = 0.86474

The vast majority of scales exhibit an adequate level of reliability. The following scales, however, are too unreliable to warrant inclusion in any subsequent analysis: SCALE4, SCALE5, SCALE12, SCALE16, SCALE18, SCALE19. One further comment is required. In the scale labelled TREAT, three items exhibit both a zero variance and mean. This indicates that no respondent reported being treated for asthma (VAR491), hay fever (VAR493) or hypertension or blood pressure (VAR503). The computed reliabilities for this scale are based only on the remainder of the items. In future analysis, the three items with zero variance will not be included in the scale, TREAT.

7. OUTPUT: COMMENTS AND ERRATA

7.1 COMMENTS

In the following, all variables prefaced by "VAR" followed by a three digit number refer to variables found in the code book. All new scales and indices have been labelled with a unique variable name. Any word written in upper case letters constitutes a variable name.

1. VAR164 The codes presented on p. 30 of the output are Statistics Canada, occupational classification codes.
2. VAR301, VAR303 The codes presented on p. 67 and p. 69 represent thousands of dollars.
3. RY, SPY The negative codes on p. 123 and p. 125 are legitimate codes. Negative values arise from a loss of income from self-employment.
4. VAR006, VAR016, RAGE, STAY From p. 140, the value labels assigned to the four independent variables; VAR006, VAR016, RAGE and STAY do not follow the same codes as in the code book. For the purposes of the Breakdown procedure only, the following codes and value labels are operative.

VAR006 Code = 2 Multiple family dwelling but not an apartment building. This code encompasses codes 2, 3 and 4 in the code book.

 Code = 3 Apartment building. This code encompasses codes 5 and 6 in the code book.

VAR016 Code = 2 Married or common-law. This code encompasses codes 2 and 3 in the code book.

 Code = 3 Separated/divorced/widowed. This code encompasses codes 4, 5 and 6 in the code book.

RAGE Code = 1 Ages 17 to 24
 Code = 2 Ages 25 to 29
 Code = 3 Ages 30 to 35
 Code = 4 Ages 36+

STAY Code = 1 Less than 1 year
 Code = 2 1 to 2 years
 Code = 3 2 to 3 years
 Code = 4 3+ years

7.2 ERRATA

1. P. 35, VAR196. Read "Yes" for "Wage-salary."
2. P. 37, VAR201. Read "Prob recommend" for "Prob recommedn."
3. P. 40, VAR223. Read "... is most..." for "... is modt..."
4. P. 42, VAR231. Read "Almost none" for "almost all"
5. P. 71, VAR305. Read "Rent or mortgage and tax..." for
 "Rent mortgage or tax..."
6. P. 73, VAR327. Read "... if work..." for "... is work..."
7. P. 74, VAR328. Read "... donations..." for "... donant..."
8. P. 105, VAR385. Read "Schools" for "Shools"
9. P. 117, VAR397. Read "... from oil..." for "... from oit..."

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