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ABSTRACT

The sixth in a series of eight reports on mental retardation in a Canadian province recorded in detail the research methodology used in acquisition of epidemiological data (incidence and disease control) and in depth knowledge of mental retardation as it occurred in the target population. In addition to attitudinal, demographic, and other variables, the procedure was explained to allow for raw and/or scaled scores for psychometric, and conceptual and social maturation. The project was designed to facilitate subsequent and more intensive analysis of test items and methodological variables. Eleven data cards were used, with the total number for each individual subject varying according to age and household status. Card types 01 and 02 referred to household data and card types 03 through 11 included individual subject data. Data for the 11 cards were included in the report. A glossary of terms and definitions concluded the work. Rationale for test and individual data was discussed in the other reports. (See also ED 040 528, ED 042 277, ED 038 787, ED 037 863, ED 047 472, EC 040 223, and EC 040 224.)

(CB)

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MENTAL RETARDATION IN A CANADIAN PROVINCE

Report No. 6

Statistical Recording Procedure

C.W. Portal-Foster

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June, 1971

EC 040  
222E

MENTAL RETARDATION IN A CANADIAN PROVINCE

Statistical Recording Procedure

Report No. 6

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## PREFACE

This report, one of the series on the evolution of the study, is a recording in detail of statistical reporting procedures. The report is not accompanied by a conviction that it can stand flawless before public scrutiny. On the contrary, it has been compiled in a belief that a perusal of the pages will reveal to other researchers many of the pitfalls, both expensive and time consuming, that beset a major undertaking in applied social research. One is taken from the pure world of theory to the harsh reality of budget and time limitations, restrictions imposed by the research milieu and other issues which appear inherent. This is a detailed report of an important segment of one attempt to build a bridge between theory and its application in the field of mental retardation.

Statistical recording procedures reported herein are the product of study, testing, revision and more study extending over several months and involving a number of personnel. Gail C. Love, Marjorie C. Berry and Nancy J. Martelock contributed in a major sense to numerous refinements in the initial work and through production of several draft copies essential to the procedures here reported.

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## MENTAL RETARDATION IN A CANADIAN PROVINCE

### Introduction

Statistical reporting procedures reveal the highly experimental nature of the study. The intent to adapt available data to the maximum number of analyses is plainly evident throughout. Through this approach it may be possible to distill not only valid epidemiological data but also in depth knowledge of the mental retardation phenomenon as it occurs in the populations under study.

In addition to demographic, attitudinal and other variables, procedure allows for raw and/or scaled scores for psychometric as well as social and conceptual maturity. It has been designed to facilitate subsequent and more intensive analysis of items from several tests and a number of methodological variables.

A total of eleven data cards are used, though the number required for individual subjects varies with age and status within the household. Card types 01 and 02 refer to household data and card types 03 through 11 include data on individual subjects. While not related directly to coding, it should be noted that analyses requires card types 01 and 02 for each subject. This allows comparison of individuals across households.

Columns 1 through 8 of each card are individuals' identification numbers. The eight columns may be divided as 1 through 5 for household identification and 6 through 8 for identification of subjects within households. Columns 79 and 80 include punch card identification numbers.

assist in use of the reporting procedures. The rationale for inclusion of particular tests and other data items is discussed in other reports in the study.

SUBJECT IDENTIFICATION CODE

| <u>Protocol Item</u> | <u>Card Column</u> | <u>Subject</u>            | <u>Punch</u>   |
|----------------------|--------------------|---------------------------|--|
| WISC page 2          | 1                  | County                    | 1 Prince   |
|                      |                    |                           | 2 Queens   |
|                      |                    |                           | 3 Kings  |
| FIF page 1           | 2                  | Population strata         | 1 10,000 +   |
|                      |                    |                           | 2 1,000 to 10,000  |
|                      |                    |                           | 3 500 to 1,000   |
|                      |                    |                           | 4 300 to 500   |
|                      |                    |                           | 5 200 to 300   |
|                      |                    |                           | 6 rural  |
|                      | 3 - 5              | Household number          | 001 *<br>to<br>205   |
|                      | 6                  | Family (unit)<br>number   | 1<br>to<br>9   |
|                      | 7 - 8              | Family position<br>number | 01 male head<br>02 female head<br>03 wife of male head<br>04 1st child in home<br>to to<br>19 15th child in home |

\* This format is used throughout to facilitate preparation of the manual.  
The range of punches referred to extends from and includes 001 and 205.



| <u>Protocol<br/>Item</u> | <u>Card<br/>Column</u> | <u>Subject</u>            | <u>Punch</u>  |
|--------------------------|------------------------|---------------------------|---|
| FIF page 1               | 7 - 8                  | Family position<br>number | 20 illegitimate child<br>to of<br>29 01, 02, or 03                                  |
|                          |                        |                           | 30 illegitimate children<br>to of<br>39 unmarried child of 01,<br>02, or 03         |
|                          |                        |                           | 40 adopted children<br>to<br>49   |
|                          |                        |                           | 50 foster/welfare child-<br>to ren and other<br>59 dependent children <sup>23</sup> |
|                          |                        |                           | 70 step-children<br>to<br>79  |
|                          |                        |                           | 99 unknown  |

HOUSEHOLDS

CARD 1

| <u>Protocol Item</u> | <u>Card Column</u> | <u>Subject</u>  | <u>Punch</u>                             |
|----------------------|--------------------|---|--|
|                      | 1 - 8 *            | (Identification code)                                 | 11001101<br>to<br>36116105               |
| FIF page 2           | 9                  | Number of nuclear families in household <sup>17</sup> | 0 none<br>1<br>to<br>8<br>9 unknown      |
| FIF page 2           | 10                 | Number of family units in household <sup>10</sup>     | 0 none<br>1<br>to<br>9                   |
| FIF page 2           | 11                 | Generations in extended family <sup>8</sup>           | 0 no extended families<br>3<br>9 unknown |
| FIF page 2           | 12                 | Head of household: <sup>11</sup><br>sex               | 0 female<br>1 male                       |

\* To facilitate the machine analysis, columns 6 through 8 on card types 01 and 02 accommodate individuals' codes within households. They enable comparisons of individuals' data across household variables and vice versa.

| <u>Protocol Item</u> | <u>Card Column</u> | <u>Subject</u>                                 | <u>Punch</u>   |
|----------------------|--------------------|--|--|
| FIF page 2           | 13 - 14            | Head of household:<br>age                      | 01<br>to<br>95<br><br>99 unknown   |
| ILH item 33          | 15 - 18            | Head of household:<br>occupation <sup>18</sup> | 2536<br>to<br>7669<br><br>8000 housewife<br>8100 unemployed<br>8200 student<br>8300 retired<br>8400 no reply<br>9999 refusal                             |
| ILH item 34          | 19                 | Total household<br>annual income               | 1 less than 2,000<br>2 2,000 to 2,999<br>3 3,000 to 4,999<br>4 5,000 to 6,999<br>5 7,000 to 9,999<br>6 <del>greater than 10,000-</del><br>9 not reported |
| ILH item 39          | 20                 | Head of household:<br>ethnic origin            | 1 English<br>2 Irish<br>3 Scottish<br>4 Welsh<br>5 French Acadian<br>6 Dutch   |

| <u>Protocol Item</u> | <u>Card Column</u> | <u>Subject</u>  | <u>Punch</u>                              |
|----------------------|--------------------|---|---|
| ILH item 39          | 20                 | Head of household:<br>ethnic origin <sup>7</sup>                      | 7 other<br>8 don't know<br>9 not reported |
| FIF page 2           | 21 - 22            | Number of persons<br>in household                                     | 01<br>to<br>15<br><br>99 unknown          |
|                      | 23                 | Relationships of<br>individuals to<br>head of household <sup>12</sup> |   |
|                      |                    | wife:   | 0 N/A<br>1<br>8 unknown                   |
|                      | 24 - 25            | sons:   | 00 none<br>01<br>to<br>10<br>88 unknown   |
|                      | 26                 | sons with wives:  | 0 none<br>1<br>to<br>7<br>8 unknown       |
|                      | 27                 | sons with wives<br>and children:                                      | 0 none<br>1<br>to<br>7<br>8 unknown       |

| <u>Protocol Item</u> | <u>Card Column</u> | <u>Subject</u>                        | <u>Punch</u>                            |
|----------------------|--------------------|---------------------------------------|---|
| FIF page 2           | 28                 | sons with children:                   | 0 none<br>1<br>to<br>7<br>8 unknown     |
|                      | 29                 | grandsons:                            | 0 none<br>1<br>to<br>7<br>8 unknown     |
|                      | 30 - 31            | daughters:                            | 00 none<br>01<br>to<br>10<br>88 unknown |
|                      | 32                 | daughters with husbands:              | 0 none<br>1<br>to<br>7<br>8 unknown     |
|                      | 33                 | daughters with husbands and children: | 0 none<br>1<br>to<br>7<br>8 unknown     |
|                      | 34                 | daughters with children:              | 0 none<br>1<br>to<br>7                  |

| <u>Protocol Item</u> | <u>Card Column</u> | <u>Subject</u>                         | <u>Punch</u>                        |
|----------------------|--------------------|--|-------------------------------------|
| FIF page 2           | 34                 | daughters with children:               | 8 unknown                           |
|                      | 35                 | granddaughters:                        | 0 none<br>1<br>to<br>7<br>8 unknown |
|                      | 36                 | brothers:                              | 0 none<br>1<br>to<br>7<br>8 unknown |
|                      | 37                 | brothers with wives and/or children:   | 0 none<br>1<br>to<br>7<br>8 unknown |
|                      | 38                 | sisters:                               | 0 none<br>1<br>to<br>7<br>8 unknown |
|                      | 39                 | sisters with husbands and/or children: | 0 none<br>1<br>to<br>7<br>8 unknown |

| <u>Protocol<br/>Item</u> | <u>Card<br/>Column</u> | <u>Subject</u>   | <u>Punch</u>  |
|--------------------------|------------------------|--|---|
| FIF page 2               | 40                     | nephews:   | 0 none<br>1<br>to<br>7<br>8 unknown                         |
|                          | 41                     | nieces:  | 0 none<br>1<br>to<br>7<br>8 unknown                         |
|                          | 42                     | Blank  | 9   |
|                          | 43                     | parents:   | 0 none<br>1 female<br>2 male<br>3 both parents<br>8 unknown |
|                          | 44                     | parents-in-law:  | 0 none<br>1 female<br>2 male<br>3 both parents<br>8 unknown |
|                          | 45                     | welfare/foster or<br>other dependent<br>children: male | 0 none<br>1<br>to<br>7<br>8 unknown                         |

| <u>Protocol Item</u> | <u>Card Column</u> | <u>Subject</u>   | <u>Punch</u>                            |
|----------------------|--------------------|--|---|
| FIF page 2           | 46                 | welfare/foster or<br>other dependent<br>children: female | 0 none<br>1<br>to<br>7<br><br>8 unknown |
|                      | 47                 | adopted children:<br>male                                | 0 none<br>1<br>to<br>7<br><br>8 unknown |
|                      | 48                 | adopted children:<br>female                              | 0 none<br>1<br>to<br>7<br><br>8 unknown |
|                      | 49                 | hired help male:   | 0 none<br>1<br>to<br>7<br><br>8 unknown |
|                      | 50                 | hired help female:                                       | 0 none<br>1<br>to<br>7<br><br>8 unknown |
|                      | 51                 | co-habitants (un-<br>related) of same<br>sex:            | 0 none<br>1<br>to<br>7<br><br>8 unknown |



| <u>Protocol Item</u> | <u>Card Column</u> | <u>Subject</u>                             | <u>Punch</u>   |
|----------------------|--------------------|--|--|
| FIF page 2           | 52                 | boarders and roomers:                      | 0 none<br>1<br>to<br>7<br>8 unknown                    |
|                      | 53                 | others:                                    | 0 none<br>1<br>to<br>7<br>8 unknown                    |
|                      | 54                 | Age/Sex groups <sup>9</sup> -<br>0 to 4 M: | 0 none<br>1<br>to<br>7<br>8 estimated age<br>9 unknown |
|                      | 55                 | 0 to 4 F:                                  | 0 none<br>1<br>to<br>7<br>8 estimated age<br>9 unknown |

| <u>Protocol Item</u> | <u>Card Column</u> | <u>Subject</u> | <u>Punch</u>   |
|----------------------|--------------------|----------------|--|
| FIF page 2           | 56                 | 5 to 9 M:      | 0 none<br>1<br>to<br>7<br>8 estimated age<br>9 unknown |
|                      | 57                 | 5 to 9 F:      | 0 none<br>1<br>to<br>7<br>8 estimated age<br>9 unknown |
|                      | 58                 | 10 to 14 M:    | 0 none<br>1<br>to<br>7<br>8 estimated age<br>9 unknown |
|                      | 59                 | 10 to 14 F:    | 0 none<br>1<br>to<br>7<br>8 estimated age<br>9 unknown |

| <u>Protocol Item</u> | <u>Card Column</u> | <u>Subject</u> | <u>Punch</u>   |
|----------------------|--------------------|----------------|--|
| FIF page 2           | 60                 | 15 to 19 M:    | 0 none<br>1<br>to<br>7<br>8 estimated age<br>9 unknown |
|                      | 61                 | 15 to 19 F:    | 0 none<br>1<br>to<br>7<br>8 estimated age<br>9 unknown |
|                      | 62                 | 20 to 24 M:    | 0 none<br>1<br>to<br>7<br>8 estimated age<br>9 unknown |
|                      | 63                 | 20 to 24 F:    | 0 none<br>1<br>to<br>7<br>8 estimated age<br>9 unknown |

| <u>Protocol Item</u> | <u>Card Column</u> | <u>Subject</u> | <u>Punch</u>   |
|----------------------|--------------------|----------------|--|
| FIF page 2           | 64                 | 25 to 29 M:    | 0 none<br>1<br>to<br>7<br>8 estimated age<br>9 unknown |
|                      | 65                 | 25 to 29 F:    | 0 none<br>1<br>to<br>7<br>8 estimated age<br>9 unknown |
|                      | 66                 | 30 to 34 M:    | 0 none<br>1<br>to<br>7<br>8 estimated age<br>9 unknown |
|                      | 67                 | 30 to 34 F:    | 0 none<br>1<br>to<br>7<br>8 estimated age<br>9 unknown |

| <u>Protocol Item</u> | <u>Card Column</u> | <u>Subject</u> | <u>Punch</u>   |
|----------------------|--------------------|----------------|--|
| FIF page 2           | 68                 | 35 to 39 M:    | 0 none<br>1<br>to<br>7<br>8 estimated age<br>9 unknown |
|                      | 69                 | 35 to 39 F:    | 0 none<br>1<br>to<br>7<br>8 estimated age<br>9 unknown |
|                      | 70                 | 40 to 44 M:    | 0 none<br>1<br>to<br>7<br>8 estimated age<br>9 unknown |
|                      | 71                 | 40 to 44 F:    | 0 none<br>1<br>to<br>7<br>8 estimated age<br>9 unknown |

| <u>Protocol<br/>Item</u> | <u>Card<br/>Column</u> | <u>Subject</u> | <u>Punch</u>   |
|--------------------------|------------------------|----------------|--|
| FIF page 2               | 72                     | 45 to 49 M:    | 0 none<br>1<br>to<br>7<br>8 estimated age<br>9 unknown |
|                          | 73                     | 45 to 49 F:    | 0 none<br>1<br>to<br>7<br>8 estimated age<br>9 unknown |
|                          | 74                     | 50 to 54 M:    | 0 none<br>1<br>to<br>7<br>8 estimated age<br>9 unknown |
|                          | 75                     | 50 to 54 F:    | 0 none<br>1<br>to<br>7<br>8 estimated age<br>9 unknown |

1  
to  
7

8 estimated age

9 unknown

77 - 78 FIF Interviewer 00  
(interviewer code)<sup>14</sup> to  
15

79 - 80 Card number 01

HOUSEHOLDS

CARD 2

| <u>Protocol Item</u> | <u>Card Column</u> | <u>Subject</u>                               | <u>Punch</u>   |
|----------------------|--------------------|--|--|
|                      | 1 - 8              | (Identification code)                        | 11001101<br>to<br>36116105   |
| FIF page 2           | 9                  | Age/Sex groups <sup>9</sup> -<br>55 to 59 F: | 0 none<br><br>1<br>to<br>7<br><br>8 estimated age<br><br>9 unknown |
| FIF page 2           | 10                 | 60 to 64 M:                                  | 0 none<br><br>1<br>to<br>7<br><br>8 estimated age<br><br>9 unknown |
| FIF page 2           | 11                 | 60 to 64 F:                                  | 0 none<br><br>1<br>to<br>7<br><br>8 estimated age<br><br>9 unknown |



| <u>Protocol<br/>Item</u> | <u>Card<br/>Column</u> | <u>Subject</u> | <u>Punch</u>   |
|--------------------------|------------------------|----------------|--|
| FIF page 2               | 12                     | 65 to 69 M:    | 0 none<br>1<br>to<br>7<br>6 estimated age<br>9 unknown |
|                          | 13                     | 65 to 69 F:    | 0 none<br>1<br>to<br>7<br>8 estimated age<br>9 unknown |
|                          | 14                     | 70 to 74 M:    | 0 none<br>1<br>to<br>7<br>8 estimated age<br>9 unknown |
|                          | 15                     | 70 to 74 F:    | 0 none<br>1<br>to<br>7<br>8 estimated age<br>9 unknown |

| <u>Protocol Item</u> | <u>Card Column</u> | <u>Subject</u>                      | <u>Punch</u>   |
|----------------------|--------------------|-------------------------------------|--|
| FIF page 2           | 16                 | 75+ M:                              | 0 none<br>1<br>to<br>7<br>8 estimated age<br>9 unknown |
|                      | 17                 | 75+ F:                              | 0 none<br>1<br>to<br>7<br>8 estimated age<br>9 unknown |
|                      | 18                 | Number of persons<br>age unknown M: | 0 none<br>1<br>to<br>6                                 |
|                      | 19                 | Number of persons<br>age unknown F: | 0 none<br>1<br>to<br>6                                 |
|                      | 20                 | Blank                               | 9  |

| <u>Protocol Item</u> | <u>Card Column</u> | <u>Subject</u>                   | <u>Punch</u>  |
|----------------------|--------------------|----------------------------------|---|
| IE *                 | 21                 | House type and condition - size: | 1 under 4 rooms<br>2 4 - 6 rooms<br>3 over 6 rooms<br>9 unknown |
|                      | 22                 | roof:                            | 1 poor<br>2 average<br>3 superior<br>9 unknown                  |
|                      | 23                 | walls and foundation:            | 1 poor<br>2 average<br>3 superior<br>9 unknown                  |
|                      | 24                 | yard and outbuildings:           | 1 poor<br>2 average<br>3 superior<br>9 unknown                  |
|                      | 25                 | condition of interior:           | 1 disorderly<br>2 average<br>3 very neat<br>9 unknown           |

\* IE denotes the Interviewer Evaluation Form.

| <u>Protocol<br/>Item</u> | <u>Card<br/>Column</u> | <u>Subject</u>                                | <u>Punch</u>   |
|--------------------------|------------------------|---|--|
| IE                       | 26                     | Blank   | 9  |
|                          | 27                     | wallpaper:                                    | 1 poor<br>2 average<br>3 superior<br>9 unknown   |
|                          | 28                     | floor covering:                               | 1 poor<br>2 average<br>3 superior<br>9 unknown   |
|                          | 29                     | furniture:                                    | 1 poor<br>2 average<br>3 superior<br>9 unknown   |
|                          | 30 - 31                | House type and<br>condition - total<br>score: | 01<br>to<br>24<br>99 unknown   |
|                          | 32                     | Attitude of<br>respondent:                    | 1 frank & cooperative<br>2 average<br>3 resistant & uncom-<br>munitive<br>9 not reported |

| <u>Protocol Item</u> | <u>Card Column</u> | <u>Subject</u>                     | <u>Punch</u>  |
|----------------------|--------------------|------------------------------------|---|
| QU *                 | 33                 | Response to QU <sup>20</sup>       | 0 no QU sent<br>1 QU 1 response<br>QU 2 reject<br>2 QU 1 response<br>QU 2 <u>response</u><br>3 QU 2 response<br>(one request)<br>4 QU 1 reject<br>QU 2 response<br>5 QU 1 reject<br>QU 2 reject<br>6 QU 2 reject<br>(one request)<br>7 returned undelivered |
|                      | 34 - 48            | QU 2 (15 items<br>one to a column) | 0 item spoiled/no<br>response<br>1 none<br>2 very few<br>3 a few<br>4 about half<br>5 most<br>6 almost all<br>7 all<br>9 N/A  |

\* QU will denote the opinion and knowledge questionnaire.

| <u>Protocol Item</u> | <u>Card Column</u> | <u>Subject</u>                              | <u>Punch</u>                 |
|----------------------|--------------------|---|------------------------------|
| ILH item 40          | 49                 | Television in home                          | 1 yes<br>2 no<br>9 no answer |
| ILH item 41          | 50                 | Telephone in home                           | 1 yes<br>2 no<br>9 no answer |
| ILH item 42          | 51                 | Car or truck                                | 1 yes<br>2 no<br>9 no answer |
| Other Sources*       | 52 - 53            | WISC Standard Deviation Units <sup>21</sup> | 01 to 23<br>99 unknown       |
|                      | 54 - 55            | SMS Standard Deviation Units                | 01 to 23<br>99 unknown       |
|                      | 56 - 57            | DAP Standard Deviation Units                | 01 to 23<br>99 unknown       |
|                      | 58 - 72            | Blank                                       | 9                            |

\* Data for Cols 52 through 57 and 73 through 78 have been derived from the preliminary analysis of data. See Sections 1 through 4, Report Number 8.

| <u>Protocol<br/>Item</u>        | <u>Card<br/>Column</u> | <u>Subject</u>  | <u>Punch</u>                    |
|---------------------------------|------------------------|---|---------------------------------|
| Other Sources                   | 73                     | Siblings of sub-<br>sample subjects                       | 1 female sibling of SS1         |
|                                 |                        |   | 2 male sibling of SS1           |
|                                 |                        |   | 3 female sibling of SS2         |
|                                 |                        |   | 4 male sibling of SS2           |
|                                 |                        |   | 5 female sibling of SS3         |
|                                 |                        |   | 6 male sibling of SS3           |
|                                 | 74                     | Spouses of sub-<br>sample subjects                        | 1 female spouse of SS1          |
|                                 |                        |   | 2 male spouse of SS1            |
|                                 |                        |   | 3 female spouse of SS2          |
|                                 |                        |   | 4 male spouse of SS2            |
|                                 |                        |   | 5 female spouse of SS3          |
|                                 |                        |   | 6 male spouse of SS3            |
|                                 | 75                     | Parents with child-<br>ren in more than<br>one sub-sample | 1 child in SS1 and SS2          |
|                                 |                        |   | 2 child in SS1 and SS3          |
|                                 |                        |   | 3 child in SS2 and SS3          |
|                                 |                        |   | 4 child in SS1, SS2<br>and SS3  |
|                                 | 76                     | Parents of sub-<br>sample subjects                        | 1 female parent of SS1<br>child |
|                                 |                        |   | 2 male parent of SS1<br>child   |
| 3 female parent of SS2<br>child |                        |   |                                 |
| 4 male parent of SS2<br>child   |                        |   |                                 |

| <u>Protocol<br/>Item</u> | <u>Card<br/>Column</u> | <u>Subject</u>                     | <u>Punch</u>   |
|--------------------------|------------------------|------------------------------------|--|
| Other Sources            | 76                     | Parents of sub-<br>sample subjects | 5 female parent of SS3<br>child<br><br>6 male parent of SS3<br>child |
|                          | 77 - 78                | Sub-samples                        | 01 SS1<br>02 SS2<br>03 SS3   |
|                          | 79 - 80                | Card Number                        | 02   |



INDIVIDUALS

CARD 3

| <u>Protocol Item</u>      | <u>Card Column</u> | <u>Subject</u>                    | <u>Punch</u>  |
|---------------------------|--------------------|-----------------------------------|---|
|                           | 1 - 8              | (Identification code)             | 11001101<br>to<br>36116105  |
|                           | 9 - 14             | Birthdate                         | 00 00 00<br>to<br>70 12 31<br><br>99 99 99 unknown  |
| WISC page 2<br>SMS page 1 | 15 - 20            | Age <sup>1</sup>                  | 00 00 00<br>to<br>99 00 00<br><br>99 99 99 unknown  |
| FIF page 2                | 21                 | Age (known or unknown)            | 8 estimated age<br>9 coded  |
|                           | 22                 | Blank                             | 9   |
|                           | 23 - 24            | Relationship to head of household | 01 wife<br>02 son<br>03 son with wife<br>04 son with wife and child(ren)<br>05 son with child(ren)<br>06 grandson |

| <u>Protocol<br/>Item</u> | <u>Card<br/>Column</u> | <u>Subject</u>                       | <u>Punch</u>                                |
|--------------------------|------------------------|--------------------------------------|---|
| FIF page 2               | 23 - 24                | Relationship to<br>head of household | 07 daughter                                 |
|                          |                        |                                      | 08 daughter with husband                    |
|                          |                        |                                      | 09 daughter with husband<br>and child(ren)  |
|                          |                        |                                      | 10 daughter with child<br>(ren)             |
|                          |                        |                                      | 11 granddaughter                            |
|                          |                        |                                      | 12 brother                                  |
|                          |                        |                                      | 13 brother with wife<br>and/or child(ren)   |
|                          |                        |                                      | 14 sister                                   |
|                          |                        |                                      | 15 sister with husband<br>and/or child(ren) |
|                          |                        |                                      | 16 nephew                                   |
|                          |                        |                                      | 17 niece                                    |
|                          |                        |                                      | 18 parent                                   |
|                          |                        |                                      | 19 parent-in-law                            |
|                          |                        |                                      | 20 welfare/foster child                     |
|                          |                        |                                      | 21 adopted child                            |
|                          |                        |                                      | 22 hired help                               |
|                          |                        |                                      | 23 co-habitat. (unrelated)<br>of same sex   |
|                          |                        |                                      | 24 boarders or roomers                      |
|                          |                        |                                      | 25 head of household                        |
|                          |                        |                                      | 26 son-in-law                               |
|                          |                        |                                      | 27 daughter-in-law                          |
|                          |                        |                                      | 28 other                                    |
|                          |                        |                                      | 29 unknown                                  |

| <u>Protocol<br/>Item</u>                | <u>Card<br/>Column</u> | <u>Subject</u>     | <u>Punch</u>   |
|---|------------------------|--------------------|--|
| ILH page 1<br>WISC page 2<br>SMS page 1 | 25                     | Sex                | 0 female<br>1 male<br>9 unknown  |
| ILH item 1                              | 26                     | Marital status     | 1 single<br>2 married<br>3 widowed<br>4 divorced or separated<br>9 unknown |
| ILH item 2                              | 27 - 28                | Age at marriage    | 00 N/A<br>15<br>to<br>74<br>99 unknown                                     |
| ILH item 3                              | 29 - 30                | Height in inches   | 59<br>to<br>79<br>99 unknown   |
| ILH item 4                              | 31 - 33                | Weight             | 072<br>to<br>268<br>999 unknown  |
| FIF page 2<br>FI page 3                 | 34 - 35                | Number of siblings | 00<br>to<br>17<br>99 unknown   |

| <u>Protocol Item</u> | <u>Card Column</u> | <u>Subject</u>   | <u>Punch</u>  |
|----------------------|--------------------|--|---|
| FIF page 2           | 36 - 37            | Number of siblings at home at present time                                 | 00 to 13<br>89 N/A<br>99 unknown (number of siblings unknown)   |
|                      | 38                 | Blank  | 9   |
| ILH item 5           | 39 - 40            | Number of siblings at home when subject growing up (under 13 years of age) | 00 none<br>01 to 17<br>89 N/A<br>99 unknown   |
| ILH item 6           | 41 - 42            | Sibling position   | 00 N/A<br>01 to 17<br>99 unknown  |
| ILH item 7           | 43                 | Activities during most of past year  | 1 keep house<br>2 go to school<br>3 retired<br>4 employed (full or part time)<br>5 unemployed<br>9 unknown or N/A |

| <u>Protocol Item</u> | <u>Card Column</u> | <u>Subject</u>  | <u>Punch</u>  |
|----------------------|--------------------|---|---|
| ILH item 8           | 44                 | Considered importance of work in relation to other jobs | 0 N/A (punch 5 of col 43)<br>1 less important<br>2 just as important<br>3 more important<br>9 unknown       |
| ILH item 9           | 45                 | Interest in work in relation to other jobs              | 0 N/A (Punch 5 of col 43)<br>1 less interesting<br>2 just as interesting<br>3 more interesting<br>9 unknown |
| ILH item 10          | 46                 | Most enjoyment  | 0 N/A (Punch 5 of col 43)<br>1 spare time<br>2 work<br>9 unknown  |
| ILH item 11          | 47                 | Difficulty of job                                       | 0 N/A (Punch 5 of Col 43)<br>1 very difficult<br>2 a little difficult<br>3 not difficult<br>9 unknown       |
| ILH item 12          | 48                 | Repeat a grade in school                                | 0 N/A<br>1 yes<br>2 no<br>3 don't know  |

| <u>Protocol<br/>Item</u> | <u>Card<br/>Column</u> | <u>Subject</u>                            | <u>Punch</u>   |
|--------------------------|------------------------|---|--|
| ILH item 12              | 48                     | Repeat a grade in<br>school               | 4 didn't attend<br>9 unknown   |
| ILH item 13              | 49                     | Kind of student<br>in school              | 0 N/A<br>1 didn't attend<br>2 poor<br>3 fair<br>4 good<br>5 very good<br>6 excellent<br>9 unknown                                    |
| ILH item 14              | 50                     | Opinion on need<br>of education           | 0 N/A<br>1 less important than<br>other things<br>2 helpful to some<br>3 important<br>4 very important<br>5 essential<br>9 no answer |
| ILH item 15              | 51                     | Schooling in<br>community accept-<br>able | 0 N/A<br>1 yes<br>2 no<br>3 don't know<br>9 no answer  |

| <u>Protocol Item</u> | <u>Card Column</u> | <u>Subject</u>   | <u>Punch</u>  |
|----------------------|--------------------|--|---|
| ILH item 16          | 52                 | Rooms in subject's school                                | 0 N/A<br>1 one<br>2 two<br>3 three<br>4 four<br>5 five to ten<br>6 more than ten<br>9 no answer   |
| ILH item 17          | 53                 | Usual state of physical health                           | 0 N/A<br>1 never ill<br>2 never seriously ill<br>3 about average<br>4 poorly time-to-time<br>5 often 'under the weather'<br>9 no answer |
| ILH item 18          | 54                 | Total number of common complaints <sup>2</sup> (5 items) | 0 none<br>1 to 5<br>8 N/A<br>9 no answer  |

| <u>Protocol Item</u> | <u>Card Column</u> | <u>Subject</u>                                     | <u>Punch</u>   |
|----------------------|--------------------|--|--|
| ILH item 19          | 55                 | Books in home when growing up                      | 0 N/A<br>1 a few<br>2 one bookcase<br>3 several bookcases<br>4 a large library<br>9 no answer  |
| ILH item 20          | 56                 | Number of books now in home                        | 0 N/A<br>1 less than 10<br>2 10 to 50<br>3 50 to 100<br>4 greater than 100<br>9 no answer      |
| ILH item 21          | 57                 | Number of people talked to daily                   | 0 N/A<br>1 0 to 4<br>2 5 to 10<br>3 11 to 15<br>4 greater than 15<br>9 no answer               |
| ILH item 22          | 58                 | Parents live(d) together (when subject growing up) | 1 yes<br>2 no, one died<br>3 no, both died<br>4 no, separated<br>5 no, divorced<br>9 no answer |



| <u>Protocol Item</u> | <u>Card Column</u> | <u>Subject</u>   | <u>Punch</u>  |
|----------------------|--------------------|--|---|
| ILH item 23          | 59                 | Relatives living with family (when subject growing up) | 0 N/A<br>1 yes<br>2 no<br>3 don't know<br>9 no answer   |
| ILH item 24          | 60                 | Kind of upbringing                                     | 0 N/A<br>1 strict but fair<br>2 strict and unfair<br>3 inconsistent<br>4 not very strict<br>9 no answer |
| ILH item 25          | 61                 | Picked on subject most (as a child)                    | 0 N/A<br>1 siblings<br>2 other age peers<br>3 parents<br>4 teachers<br>5 none of these<br>9 no answer   |
| ILH item 26          | 62                 | Childhood recreation                                   | 0 N/A<br>1 left on own<br>2 spent most time with mother<br>3 spent most time with father                |

| <u>Protocol Item</u> | <u>Card Column</u> | <u>Subject</u>              | <u>Punch</u>  |
|----------------------|--------------------|-----------------------------|---|
| ILH item 26          | 62                 | Childhood recreation        | 4 spent most time with other children<br>5 none of the above<br>9 no answer   |
| ILH item 27          | 63                 | Religion                    | 1 Roman Catholic<br>2 Protestant<br>3 Jewish<br>4 Other<br>9 no answer  |
| ILH item 28          | 64                 | Degree of religiousness     | 0 N/A<br>1 not religious<br>2 slightly religious<br>3 religious<br>4 very religious<br>9 no answer                                    |
| ILH item 29          | 65                 | Amount of church attendance | 0 N/A<br>1 don't attend<br>2 special occasions<br>3 once or twice a month<br>4 every Sunday<br>5 more than once a week<br>9 no answer |

| <u>Protocol Item</u> | <u>Card Column</u> | <u>Subject</u>  | <u>Punch</u>                      |               |
|----------------------|--------------------|---|-----------------------------------|---------------|
| ILH item 30          | 66                 | Makes major family decisions  | 0 N/A                             |               |
|                      |                    |   | 1 father                          |               |
|                      |                    |   | 2 mother                          |               |
|                      |                    |   | 3 family members after discussion |               |
|                      |                    |   | 4 some other person               |               |
|                      |                    |   | 9 no answer                       |               |
| ILH item 31          | 67                 | Characterization of present home  | 0 N/A                             |               |
|                      |                    |   | 1 extremely unhappy               |               |
|                      |                    |   | 2 little less happy than most     |               |
|                      |                    |   | 3 about average                   |               |
|                      |                    |   | 4 more happy than most            |               |
|                      |                    |   | 9 no answer                       |               |
|                      | 68 - 69            | Blank   | 99                                |               |
| ILH item 32          | 70 - 71            | Three most important things in life (Important things code) <sup>22</sup> | 01 to 88                          |               |
|                      |                    |   | 1st: 89 N/A                       |               |
|                      |                    |   | 99 no answer                      |               |
|                      |                    |   | 72 - 73                           | 2nd: 01 to 88 |
|                      |                    |   | 89 N/A                            |               |
|                      |                    |   | 99 no answer                      |               |

| <u>Protocol<br/>Item</u> | <u>Card<br/>Column</u> | <u>Subject</u>                                      | <u>Punch</u>  |
|--------------------------|------------------------|---|---|
| ILH item 32              | 74 - 75                |   | 3rd: 01<br>to<br>88<br><br>89 N/A<br><br>99 no answer |
|                          | 76                     | Blank   | 9   |
| ILH page 1               | 77 - 78                | ILH Interviewer<br>(interviewer code) <sup>14</sup> | 00<br>to<br>15<br><br>88 N/A                          |
|                          | 79 - 80                | Card number   | 03  |

INDIVIDUALS

CARD 4

| <u>Protocol<br/>Item</u> | <u>Card<br/>Column</u> | <u>Subject</u>                                 | <u>Punch</u>  |
|--------------------------|------------------------|--|---|
|                          | 1 - 8                  | (Identification<br>code)                       | 11001101<br>to<br>36116105  |
| ILH item 33              | 9 - 12                 | Head of household:<br>occupation <sup>18</sup> | 2536<br>to<br>7669<br><br>8000 housewife<br>8100 unemployed<br>8200 student<br>8300 retired<br>8400 no reply<br>9999 refusal              |
| ILH item 34              | 13                     | Family's total<br>annual income                | 1 less than 2,000<br>2 2,000 to 2,999<br>3 3,000 to 4,999<br>4 5,000 to 6,999<br>5 7,000 to 9,999<br>6 greater than 10,000<br>9 no answer |

| <u>Protocol Item</u> | <u>Card Column</u> | <u>Subject</u>                                      | <u>Punch</u>   |
|----------------------|--------------------|---|--|
| ILH item 36          | 14                 | Preferred care for severely disabled family member: | 1 at home without help from the community<br>2 at home with help from the community<br>3 in institution<br>9 no answer   |
| ILH item 37          | 15                 | Length of time in this house:                       | 1 less than two years<br>2 2 to 5 years<br>3 5 to 10 years<br>4 10 to 20 years<br>5 greater than 20 years<br>9 no answer |
|                      | 16 - 18            | Blank   | 999  |
| ILH item 38          | 19                 | Lived outside this province                         | 0 no<br>1 yes<br>9 no answer   |
|                      | 20 - 21            | Number of years outside this province               | 00 N/A (Punch 0 of col 19)<br>01<br>to<br>88<br>99 no answer   |

| <u>Protocol Item</u> | <u>Card Column</u> | <u>Subject</u>                                     | <u>Punch</u>   |
|----------------------|--------------------|--|--|
| ILH item 39          | 22                 | Ethnic origin of name <sup>7</sup>                 | 1 English<br>2 Irish<br>3 Scottish<br>4 Welsh<br>5 French Acadian<br>6 Other<br>7 French<br>8 Dutch<br>9 no answer |
| ILH item 40          | 23                 | Television in home                                 | 1 yes<br>2 no<br>9 no answer   |
| ILH item 41          | 24                 | Telephone in home                                  | 1 yes<br>2 no<br>9 no answer   |
| ILH item 42          | 25                 | Family car or truck                                | 1 yes<br>2 no<br>9 no answer   |
| ILH item 43          | 26                 | Activities of past week <del>church:</del> church: | 1 yes<br>2 no<br>9 no answer   |

| <u>Protocol<br/>Item</u> | <u>Card<br/>Column</u>            | <u>Subject</u>                    | <u>Punch</u>  |
|--------------------------|-----------------------------------|-----------------------------------|---------------|
| ILH item 43              | 27                                | visited others:                   | 1 yes         |
|                          |                                   |                                   | 2 no          |
|                          |                                   |                                   | 9 no answer   |
| 28                       | movie or theatre:                 | 1 yes                             |               |
|                          |                                   | 2 no                              |               |
|                          |                                   | 9 no answer                       |               |
| 29                       | walk or car ride<br>for pleasure: | 1 yes                             |               |
|                          |                                   | 2 no                              |               |
|                          |                                   | 9 no answer                       |               |
| 30                       | outdoor sports:                   | 1 yes                             |               |
|                          |                                   | 2 no                              |               |
|                          |                                   | 9 no answer                       |               |
| 31                       | dance or party:                   | 1 yes                             |               |
|                          |                                   | 2 no                              |               |
|                          |                                   | 9 no answer                       |               |
| 32                       | tavern or bar:                    | 1 yes                             |               |
|                          |                                   | 2 no                              |               |
|                          |                                   | 9 no answer                       |               |
| ILH page 13              | 33 - 39                           | LS * (7 items one to<br>a column) | 1 often       |
|                          |                                   |                                   | 2 sometimes   |
|                          |                                   |                                   | 3 hardly ever |

\* LS denotes Leighton Scale.<sup>16</sup>



| <u>Protocol Item</u> | <u>Card Column</u> | <u>Subject</u>               | <u>Punch</u>  |
|----------------------|--------------------|------------------------------|---|
| ILH page 13          | 33 - 39            | LS (7 items one to a column) | 4 never<br>9 no answer  |
|                      | 40                 | LS total code 1:             | 0<br>to<br>7<br>9 no answer   |
|                      | 41                 | LS total code 2:             | 0<br>to<br>7<br>9 no answer   |
|                      | 42                 | LS total code 3:             | 0<br>to<br>7<br>9 no answer   |
|                      | 43                 | LS total code 4:             | 0<br>to<br>7<br>9 no answer   |
|                      | 44 - 45            | LS total score:              | 07<br>to<br>28<br>88 refused LS<br>99 no answer or one or more unanswered item(s) |
| ILH page 12          | 46                 | General happiness            | 1 not too happy<br>2 pretty happy<br>3 very happy<br>9 no answer                  |

| <u>Protocol<br/>Item</u> | <u>Card<br/>Column</u> | <u>Subject</u>                               | <u>Punch</u>   |
|--------------------------|------------------------|--|--|
| Other Sources            | 47 - 48                | Mental Retardation<br>Diagnosis <sup>4</sup> | 00<br>to IQ<br>93<br><br>94 slow learner<br>95 educable<br>96 trainable<br>97 profound<br>98 schizophrenia<br>99 unknown or not<br>diagnosed   |
|                          | 49 - 50                | Psychiatric<br>Diagnosis <sup>5</sup>        | 00 depressive or anxiety<br>reaction<br>01 adjustment reaction<br>of childhood or<br>childhood neurosis<br>02 inadequate personality<br>03 thinking disorder<br>04 schizophrenia<br>05 nervousness<br>06 psychosis<br>07 epilepsy<br>08 expressive aphasia<br>09 hyperaction<br>10 drug addiction/<br>alcoholism<br>11 hydrocephalus<br>12 brain damage<br>13 neurosis |

| <u>Protocol<br/>Item</u> | <u>Card<br/>Column</u> | <u>Subject</u>   | <u>Punch</u>   |
|--------------------------|------------------------|--|--|
| Other Sources            | 49 - 50                | Psychiatric<br>Diagnosis                                       | 14 other<br>99 unknown/not diagnosed   |
|                          | 51 - 52                | Physical Disabili-<br>ties and Chronic<br>Illness <sup>3</sup> | 00 cancer<br>01 hearing<br>02 heart<br>03 asthma<br>04 speech<br>05 perception<br>06 tuberculosis<br>07 motor co-ordination<br>08 cerebral palsy<br>09 vascular change<br>10 palpitation/blood<br>pressure/headache<br>11 hair lip<br>12 loss or impaired<br>vision<br>13 rheumatic fever<br>14 loss or limited use<br>of limbs<br>15 diabetes<br>16 other<br>17 hypoglycemia<br>18 thyroid condition<br>19 strabismus<br>20 respiratory disease |

| <u>Protocol Item</u> | <u>Card Column</u> | <u>Subject</u>                            | <u>Punch</u>                             |   |
|----------------------|--------------------|---|--|---|
| Other Sources        | 51 - 52            | Physical Disabilities and Chronic Illness | 21 meningitis                            |   |
|                      |                    |   | 22 ulcer                                 |   |
|                      |                    |   | 99 unknown/not diagnosed                 |   |
|                      | 53 - 54            | Blank                                     | 99                                       |   |
| FIF page 2           | 55 - 56            | State of interview <sup>19</sup>          | 09 interview complete on initial contact |   |
|                      |                    |   | initial refusal:                         | 11 complete after follow-up                     |
|                      |                    |   |  | 12 incomplete after follow-up                   |
|                      |                    |   |  | 13 refusal after follow-up                      |
|                      |                    |   |  | 14 no follow-up                                 |
|                      |                    |   | initial refusal on behalf of subject:    | 21 complete after follow-up                     |
|                      |                    |   |  | 22 incomplete after follow-up                   |
|                      |                    |   |  | 23 refusal on behalf of subject after follow-up |
|                      |                    |   |  | 24 no follow-up                                 |
|                      |                    |   | inadequate or no personal contact:       | 31 complete after follow-up                     |
|                      |                    |   |  | 32 incomplete after follow-up                   |
|                      |                    |   |  | 33 refusal after follow-up                      |
|                      |                    |   |  | 34 no follow-up                                 |

| <u>Protocol Item</u> | <u>Card Column</u> | <u>Subject</u>  | <u>Punch</u>  |
|----------------------|--------------------|---|---|
| FIF page 2           | 55 - 56            | interview incomplete on initial contact:                        | 41 complete after follow-up<br>42 incomplete after follow-up<br>43 no follow-up |
|                      |                    | status unknown:   | 99  |
|                      | 57                 | Reasons for initial refusals and/or incompletes after follow-up |   |
|                      |                    | social pressure:  | 0 yes<br>1 no<br>9 N/A  |
|                      | 58                 | fear of social change:  | 0 yes<br>1 no<br>9 N/A  |
|                      | 59                 | complacency/apathy:   | 0 yes<br>1 no<br>9 N/A  |
|                      | 60                 | illness:  | 0 yes<br>1 no<br>9 N/A  |
|                      | 61                 | old age/senility:   | 0 yes<br>1 no<br>9 N/A  |

| <u>Protocol Item</u> | <u>Card Column</u> | <u>Subject</u>  | <u>Punch</u>                              |
|----------------------|--------------------|---|---|
| FIF page 2           | 62                 | assumed futility of social research and/or irrelevance of this study:               | 0 yes                                     |
|                      |                    |   | 1 no                                      |
|                      |                    |   | 9 N/A                                     |
|                      | 63                 | intimidation/insecurity:  | 0 yes                                     |
|                      |                    |   | 1 no                                      |
|                      |                    |   | 9 N/A                                     |
|                      | 64                 | interviewer fault:  | 0 yes                                     |
|                      |                    |   | 1 no                                      |
|                      |                    |   | 9 N/A                                     |
|                      | 65                 | mistrust due to assumed association of the study with welfare or government agency: | 0 yes                                     |
|                      |                    |   | 1 no                                      |
|                      |                    |   | 9 N/A                                     |
|                      | 66                 | family pressure:  | 0 yes                                     |
|                      |                    |   | 1 no                                      |
|                      |                    |   | 9 N/A                                     |
| Other Sources        | 67 - 70            | Birthweight (lbs. and ozs.)   | 02 11<br>to<br>11 11<br><br>99 99 unknown |
| WISC item 1          | 71                 | Subject assumed mentally retarded on basis of interview                             | 1 yes                                     |
|                      |                    |   | 2 no                                      |
|                      |                    |   | 9 no answer                               |

| <u>Protocol<br/>Item</u>  | <u>Card<br/>Column</u> | <u>Subject</u>            | <u>Punch</u>              |
|---------------------------|------------------------|---------------------------|---------------------------|
| WISC item 2<br>FIF page 4 | 72                     | Disabilities <sup>6</sup> | 1st:                      |
|                           |                        |                           | 0 no answer               |
|                           |                        |                           | 1 no significant handicap |
|                           |                        |                           | 2 physical disability     |
|                           |                        |                           | 3 chronic disease         |
|                           |                        |                           | 4 epilepsy                |
|                           |                        |                           | 5 cerebral palsy          |
|                           |                        |                           | 6 alcoholism              |
|                           |                        |                           | 7 emotional problem       |
|                           |                        |                           | 8 other problem           |
| 9 refusal                 |                        |                           |                           |
|                           | 73                     |                           | 2nd:                      |
|                           |                        |                           | 0 no answer               |
|                           |                        |                           | 1 no significant handicap |
|                           |                        |                           | 2 physical disability     |
|                           |                        |                           | 3 chronic disease         |
|                           |                        |                           | 4 epilepsy                |
|                           |                        |                           | 5 cerebral palsy          |
|                           |                        |                           | 6 alcoholism              |
|                           |                        |                           | 7 emotional problem       |
|                           |                        |                           | 8 other problem           |
|                           |                        |                           | 9 refusal                 |
| WISC item 3               | 74 - 75                | Last grade completed      | 00 no schooling to 30     |
|                           |                        |                           | 77 unknown                |

| <u>Protocol Item</u> | <u>Card Column</u> | <u>Subject</u>                | <u>Punch</u>                 |
|----------------------|--------------------|-------------------------------|------------------------------|
| WISC item 3          | 74 - 75            | Last grade completed          | 88 N/A                       |
|                      |                    |                               | 99 refusal                   |
| WISC item 4          | 76                 | Read and write                | 1 yes                        |
|                      |                    |                               | 2 no                         |
|                      |                    |                               | 7 unknown                    |
|                      |                    |                               | 8 N/A                        |
|                      |                    |                               | 9 refusal                    |
| WISC item 5          | 77                 | Handedness                    | 1 right                      |
|                      |                    |                               | 2 left                       |
|                      |                    |                               | 7 unknown                    |
|                      |                    |                               | 8 N/A                        |
|                      |                    |                               | 9 refusal                    |
| WISC item 6          | 78                 | Language spoken <sup>15</sup> | 1 English                    |
|                      |                    |                               | 2 French                     |
|                      |                    |                               | 3 both                       |
|                      |                    |                               | 4 English and other language |
|                      |                    |                               | 5 English and Dutch          |
|                      |                    |                               | 6 SMS subject                |
|                      |                    |                               | 7 unknown                    |
|                      |                    |                               | 8 does not speak             |
|                      |                    |                               | 9 refusal                    |
|                      | 79 - 80            | Card number                   | 04                           |



INDIVIDUALS

CARD 5

| <u>Protocol Item</u> | <u>Card Column</u> | <u>Subject</u>                     | <u>Punch</u>  |
|----------------------|--------------------|------------------------------------|---|
|                      | 1 - 8              | (Identification code)              | 11001101<br>to<br>36116105                                      |
| ILH page 10          | 9 - 40             | GS *<br>(32 items one to a column) | 1 true<br>2 uncertain<br>3 false<br>8 refused GS<br>9 no answer |
|                      | 41 - 42            | GS total code 1:                   | 01<br>to<br>32<br><br>99 no answer                              |
|                      | 43 - 44            | GS total code 2:                   | 01<br>to<br>32<br><br>99 no answer                              |
|                      | 45 - 46            | GS total code 3:                   | 01<br>to<br>32<br><br>99 no answer                              |
|                      | 47 - 48            | GS number of no responses:         | 01<br>to<br>32<br><br>99 no answer                              |

\* GS denotes Gough and Patterson Scale.

| <u>Protocol<br/>Item</u> | <u>Card<br/>Column</u> | <u>Subject</u> | <u>Func:</u> |
|--------------------------|------------------------|----------------|--------------|
|                          | 49 - 78                | Blank          | 9            |
|                          | 79 - 80                | Card number    | 05           |

INDIVIDUALS

CARD 6

| <u>Protocol Item</u> | <u>Card Column</u> | <u>Subject</u>   | <u>Punch</u>   |
|----------------------|--------------------|--|--|
|                      | 1 - 8              | (Identification code)  | 11001101<br>to<br>36116105   |
| PARI                 | 9 - 33             | PARI<br>(25 items one to a column)   | 1 strongly agree<br>2 mildly agree<br>3 mildly disagree<br>4 strongly disagree<br>5 item refused<br>8 refused PARI<br>9 refusal or N/A <sup>13</sup> |
|                      | 34 - 35            | PARI: Encouraging verbalization score (total for items 1, 6, 11, 16, 21 on cols 9, 14, 19, 24, 29) | 00 to 20<br>88 refused PARI<br>89 insufficient data<br>99 refusal  |
|                      | 36 - 37            | PARI: Fostering dependence score (total for items 2, 7, 12, 17, 22 on cols 10, 15, 20, 25, 30)     | 00 to 20<br>88 refused PARI<br>89 insufficient data<br>99 refusal  |

| <u>Protocol<br/>Item</u> | <u>Card<br/>Column</u> | <u>Subject</u>   | <u>Punch</u>  |
|--------------------------|------------------------|--|---|
| PARI                     | 38 - 39                | PARI: Marital<br>conflict score<br>(total for items<br>3, 8, 13, 18,<br>23 on cols 11,<br>16, 21, 26, 31)                    | 00<br>to<br>20<br>88 refused PARI<br>89 insufficient data<br>99 refusal |
|                          | 4 - 41                 | PARI: Comrad-<br>ship and shar-<br>ing score (total<br>for items 4, 9,<br>14, 19, 24 on<br>cols 12, 17, 22,<br>27, 32)       | 00<br>to<br>20<br>88 refused PARI<br>89 insufficient data<br>99 refusal |
|                          | 42 - 43                | PARI: Accelera-<br>tion of develop-<br>ment score (total<br>for items 5, 10,<br>15, 20, 25 on cols<br>13, 18, 23, 28,<br>33) | 00<br>to<br>20<br>88 refused PARI<br>89 insufficient data<br>99 refusal |
|                          | 44 - 45                | PARI total code 1:   | 00<br>to<br>25<br>88 refused PARI<br>89 insufficient data<br>99 refusal |

| <u>Protocol<br/>Item</u> | <u>Card<br/>Column</u> | <u>Subject</u>                                       | <u>Punch</u>  |
|--------------------------|------------------------|--|---|
| PARI                     | 46 - 47                | PARI total code 2:                                   | 00<br>to<br>25<br><br>88 refused PARI<br>89 insufficient data<br>99 refusal |
|                          | 48 - 49                | PARI total code 3:                                   | 00<br>to<br>25<br><br>88 refused PARI<br>89 insufficient data<br>99 refusal |
|                          | 50 - 51                | PARI total code 4:                                   | 00<br>to<br>25<br><br>88 refused PARI<br>89 insufficient data<br>99 refusal |
|                          | 52 - 53                | PARI total score:                                    | 00<br>to<br>98<br><br>99 refusal or insuffi-<br>cient data                  |
|                          | 54 - 76                | Blank  | 9   |
|                          | 77 - 78                | PARI Interviewer<br>(interviewer code) <sup>14</sup> | 00<br>to<br>15  |
|                          | 79 - 80                | Card number  | 06  |

INDIVIDUALS

CARD 7

| <u>Protocol Item</u> | <u>Card Column</u> | <u>Subject</u>                     | <u>Punch</u>   |
|----------------------|--------------------|------------------------------------|--|
|                      | 1 - 8              | (Identification code)              | 11001101<br>to<br>36116105   |
| WISC page 3          | 9 - 38             | GI *<br>(30 items one to a column) | 0 score zero<br>1 score one<br>9 test not administered   |
|                      | 39 - 40            | GI: raw score                      | 00<br>to<br>30<br>86 subject not available<br>87 refusal on behalf of subject<br>88 sub-test refused<br>89 subject incapable<br>99 refusal <sup>13</sup> |
|                      | 41 - 42            | GI: scaled score                   | 00<br>to<br>20<br>86 subject not available<br>87 refusal on behalf of subject<br>88 sub-test refused   |

\* GI denotes General Information.

| <u>Protocol Item</u>            | <u>Card Column</u> | <u>Subject</u>                     | <u>Punch</u>                    |
|---------------------------------|--------------------|------------------------------------|---------------------------------|
| WISC page 3                     | 41 - 42            | GI: scaled score                   | 89 subject incapable            |
|                                 |                    |                                    | 99 refusal                      |
|                                 | 43 - 44            | Blank                              | 99                              |
| WISC page 6                     | 45 - 48            | Sim *<br>(4 items one to a column) | 0 score zero                    |
|                                 |                    |                                    | 1 score one                     |
|                                 |                    |                                    | 9 test not administered         |
|                                 | 49 - 60            | Sim<br>(12 items one to a column)  | 0 score zero                    |
|                                 |                    |                                    | 1 score one                     |
|                                 |                    |                                    | 2 score two                     |
|                                 |                    |                                    | 9 test not administered         |
|                                 | 61 - 62            | Sim: raw score                     | 00<br>to<br>28                  |
|                                 |                    |                                    | 86 subject not available        |
|                                 |                    |                                    | 87 refusal on behalf of subject |
|                                 |                    |                                    | 88 sub-test refused             |
|                                 |                    |                                    | 89 subject incapable            |
|                                 |                    |                                    | 99 refusal                      |
|                                 |                    |                                    |                                 |
| 86 subject not available        |                    |                                    |                                 |
| 87 refusal on behalf of subject |                    |                                    |                                 |

\* Sim denotes Similarities.

| <u>Protocol<br/>Item</u>            | <u>Card<br/>Column</u> | <u>Subject</u>               | <u>Punch</u>                        |
|-------------------------------------|------------------------|------------------------------|-------------------------------------|
| WISC page 6                         | 63 - 64                | Sim: scaled score            | 88 sub-test refused                 |
|                                     |                        |                              | 89 subject incapable                |
|                                     |                        |                              | 99 refusal                          |
|                                     | 65 - 66                | Blank                        | 99                                  |
|                                     | 67 - 68                | Total verbal raw<br>score    | 00<br>to<br>58                      |
|                                     |                        |                              | 86 subject not available            |
|                                     |                        |                              | 87 refusal on behalf of<br>subject  |
|                                     |                        |                              | 88 one or both sub-tests<br>refused |
|                                     |                        |                              | 89 subject incapable                |
|                                     |                        |                              | 99 refusal                          |
|                                     | 69 - 70                | Total verbal scaled<br>score | 00<br>to<br>40                      |
|                                     |                        |                              | 86 subject not available            |
| 87 refusal on behalf of<br>subject  |                        |                              |                                     |
| 88 one or both sub-tests<br>refused |                        |                              |                                     |
| 89 subject incapable                |                        |                              |                                     |
| 99 refusal                          |                        |                              |                                     |
| 71 - 76                             | Blank                  | 9                            |                                     |



| <u>Protocol<br/>Item</u> | <u>Card<br/>Column</u> | <u>Subject</u>                                       | <u>Punch</u>   |
|--------------------------|------------------------|--|----------------|
| WISC page 1              | 77 - 78                | WISC Interviewer<br>(interviewer code) <sup>14</sup> | 00<br>to<br>15 |
|                          | 79 - 80                | Card number  | 07             |

INDIVIDUALS

CARD 8

| <u>Protocol Item</u> | <u>Card Column</u> | <u>Subject</u>        | <u>Punch</u>   |
|----------------------|--------------------|-----------------------|--|
|                      | 1 - 8              | (Identification code) | 11001101<br>to<br>36116105   |
| WISC page 4          | 9                  | OA * - manikin:       | 0 score zero<br>1 score one<br>to<br>7 score seven<br>9 test not administered    |
|                      | 10 - 11            | horse:                | 00 score zero<br>01 score one<br>to<br>09 score nine<br>99 test not administered |
|                      | 12 - 13            | face:                 | 00 score zero<br>01 score one<br>to<br>09 score nine<br>99 test not administered |
|                      | 14 - 15            | auto:                 | 00 score zero<br>01 score one<br>to<br>09 score nine<br>99 test not administered |

\* OA denotes Object Assembly.

| <u>Protocol Item</u> | <u>Card Column</u> | <u>Subject</u>   | <u>Punch</u>                    |
|----------------------|--------------------|------------------|---------------------------------|
| WISC page 4          | 16 - 17            | OA: raw score    | 00<br>to<br>34                  |
|                      |                    |                  | 86 subject not available        |
|                      |                    |                  | 87 refusal on behalf of subject |
|                      |                    |                  | 88 sub-test refused             |
|                      |                    |                  | 89 subject incapable            |
|                      |                    |                  | 99 refusal <sup>13</sup>        |
|                      | 18 - 19            | OA: scaled score | 00<br>to<br>20                  |
|                      |                    |                  | 86 subject not available        |
|                      |                    |                  | 87 refusal on behalf of subject |
|                      |                    |                  | 88 sub-test refused             |
|                      |                    |                  | 89 subject incapable            |
|                      |                    |                  | 99 refusal                      |
|                      | 20 - 21            | Blank            | 99                              |
| WISC page 11         | 22                 | PA * -           | dog: 0 score zero               |
|                      |                    |                  | 1 score one                     |
|                      |                    |                  | 2 score two                     |
|                      |                    |                  | 9 test not administered         |

\* PA denotes Picture Arrangement.

| <u>Protocol Item</u> | <u>Card Column</u> | <u>Subject</u> | <u>Punch</u>   |
|----------------------|--------------------|----------------|--|
| WISC page 11         | 23                 | mother:        | 0 score zero<br>1 score one<br>2 score two<br>9 test not administered          |
|                      | 24                 | train:         | 0 score zero<br>1 score one<br>2 score two<br>9 test not administered          |
|                      | 25                 | scale:         | 0 score zero<br>1 score one<br>2 score two<br>9 test not administered          |
|                      | 26                 | fire:          | 0 score zero<br>4 score four<br>to<br>7 score seven<br>9 test not administered |
|                      | 27                 | burglar:       | 0 score zero<br>4 score four<br>to<br>7 score seven<br>9 test not administered |

| <u>Protocol<br/>Item</u> | <u>Card<br/>Column</u> | <u>Subject</u>          | <u>Punch</u>            |
|--------------------------|------------------------|-------------------------|-------------------------|
| WISC page 11             | 28                     | farmer:                 | 0 score zero            |
|                          |                        |                         | 4 score four<br>to      |
|                          |                        |                         | 7 score seven           |
|                          |                        |                         | 9 test not administered |
|                          | 29                     | picnic:                 | 0 score zero            |
|                          |                        |                         | 4 score four<br>to      |
|                          |                        |                         | 7 score seven           |
|                          |                        |                         | 9 test not administered |
|                          | 30                     | sleeper:                | 0 score zero            |
|                          |                        |                         | 4 score four<br>to      |
|                          |                        |                         | 7 score seven           |
|                          |                        |                         | 9 test not administered |
| 31                       | gardener:              | 0 score zero            |                         |
|                          |                        | 4 score four<br>to      |                         |
|                          |                        | 7 score seven           |                         |
|                          |                        | 9 test not administered |                         |
| 32                       | rain:                  | 0 score zero            |                         |
|                          |                        | 2 score two             |                         |
|                          |                        | 4 score four<br>to      |                         |
|                          |                        | 7 score seven           |                         |
|                          |                        | 9 test not administered |                         |

| <u>Protocol<br/>Item</u> | <u>Card<br/>Column</u>          | <u>Subject</u>                      | <u>Punch</u>                       |                  |                                    |
|--------------------------|---------------------------------|-------------------------------------|------------------------------------|------------------|------------------------------------|
| WISC page 11             | 33 - 34                         | PA: raw score                       | 00<br>to<br>57                     |                  |                                    |
|                          |                                 |                                     | 86 subject not available           |                  |                                    |
|                          |                                 |                                     | 87 refusal on behalf of<br>subject |                  |                                    |
|                          |                                 |                                     | 88 sub-test refused                |                  |                                    |
|                          |                                 |                                     | 89 subject incapable               |                  |                                    |
|                          |                                 |                                     | 99 refusal                         |                  |                                    |
|                          |                                 |                                     | 35 - 36                            | PA: scaled score | 00<br>to<br>20                     |
|                          |                                 |                                     |                                    |                  | 86 subject not available           |
|                          |                                 |                                     |                                    |                  | 87 refusal on behalf of<br>subject |
|                          |                                 |                                     |                                    |                  | 88 sub-test refused                |
| 89 subject incapable     |                                 |                                     |                                    |                  |                                    |
| 99 refusal               |                                 |                                     |                                    |                  |                                    |
| 37 - 38                  | Blank                           | 99                                  |                                    |                  |                                    |
| 39 - 40                  | Performance: total<br>raw score | 00<br>to<br>91                      |                                    |                  |                                    |
|                          |                                 | 95 subject not available            |                                    |                  |                                    |
|                          |                                 | 96 refusal on behalf of<br>subject  |                                    |                  |                                    |
|                          |                                 | 97 one or both sub-tests<br>refused |                                    |                  |                                    |
|                          |                                 | 98 subject incapable                |                                    |                  |                                    |
|                          |                                 | 99 refusal                          |                                    |                  |                                    |

| <u>Protocol<br/>Item</u> | <u>Card<br/>Column</u> | <u>Subject</u>                                | <u>Punch</u>   |
|--------------------------|------------------------|---|--|
| WISC page 11             | 41 - 42                | Performance: total<br>scaled score            | 00<br>to<br>40<br><br>95 subject not available<br>96 refusal on behalf of<br>subject<br>97 one or both sub-tests<br>refused<br>98 subject incapable<br>99 refusal  |
|                          | 43 - 44                | Altitude test(s)<br>(highest scaled<br>score) | 00 GI<br>01 Sim<br>02 OA<br>03 PA<br>04 GI and Sim<br>05 GI and OA<br>06 GI and PA<br>07 Sim and OA<br>08 Sim and PA<br>09 OA and PA<br>10 GI, Sim, and OA<br>11 GI, Sim, and PA<br>12 Sim, OA, and PA<br>13 GI, OA, and PA<br>14 all four sub-tests<br>87 subject not available |

| <u>Protocol<br/>Item</u> | <u>Card<br/>Column</u> | <u>Subject</u>                                | <u>Punch</u>   |
|--------------------------|------------------------|---|--|
| WISC page 11             | 43 - 44                | Altitude test(s)<br>(highest scaled<br>score) | 88 sub-tests refused<br>89 subject incapable<br>99 refusal   |
|                          | 45 - 46                | Altitude test<br>scaled score                 | 00<br>to<br>20<br><br>87 subject not available<br>88 sub-tests refused<br>89 subject incapable<br>99 refusal |
|                          | 47 - 49                | Total raw score                               | 000<br>to<br>149<br><br>888 one or more sub-tests<br>refused<br>999 refusal                                  |
|                          | 50 - 51                | Total scaled score                            | 00<br>to<br>80<br><br>38 one or more sub-tests<br>refused<br>99 refusal                                      |
|                          | 52 - 78                | Blank   | 9  |
|                          | 79 - 80                | Card number                                   | 08   |



INDIVIDUALS

CARD 9

| <u>Protocol<br/>Item</u> | <u>Card<br/>Column</u> | <u>Subject</u>                                      | <u>Punch</u>  |
|--------------------------|------------------------|---|---|
|                          | 1 - 8                  | (Identification<br>code)                            | 11001101<br>to<br>36116105  |
| SMS                      | 9 - 10                 | SMS Interviewer<br>(interviewer code) <sup>14</sup> | 00<br>to<br>15  |
|                          | 11                     | Disposition of SMS                                  | 1 refused on behalf of<br>subject<br>2 administered   |
|                          | 12                     | Relationship of<br>respondent to<br>subject         | 0 mother<br>1 father<br>3 grandparent<br>4 sibling<br>5 foster parent<br>6 social worker<br>7 housekeeper<br>8 other<br>9 unknown |
|                          | 13 - 15                | Blank   | 999   |
|                          | 16 - 17                | SMS: raw score                                      | 00<br>to<br>89<br>99 refusal  |

| <u>Protocol<br/>Item</u> | <u>Card<br/>Column</u> | <u>Subject</u>                                   | <u>Punch</u>                             |
|--------------------------|------------------------|--|--|
| SMS                      | 18 - 21                | SMS: Social Age                                  | 0000<br>to<br>1500<br><br>9999 refusal   |
|                          | 22                     | Scored no higher<br>than item 56                 | 08 not continued                         |
|                          |                        | Scored on item 57<br>or higher                   | 09 continued                             |
|                          | 23 - 78                | SMS<br>(items 1 to 56 scored<br>one to a column) | 0 score zero<br>1 score one<br>2 refusal |
|                          | 79 - 80                | Card number                                      | 09                                       |

INDIVIDUALS

CARD 10

| <u>Protocol Item</u> | <u>Column</u> | <u>Subject</u>                                       | <u>Punch</u>   |
|----------------------|---------------|--|--|
|                      | 1 - 8         | (Identification code)                                | 11001101<br>to<br>36116105   |
| SMS                  | 9 - 41        | SMS<br>(items 57 to 89<br>scored one to a<br>column) | 0 score zero<br>1 score one<br>9 refusal <sup>13</sup>   |
| DAP                  | 42 - 43       | DAP rescore  | 00<br>to<br>73<br><br>99 N/A   |
|                      | 44            | Disposition of DAP                                   | 1 refused<br>2 administered<br>3 subject incapable<br>4 refusal on behalf of<br>subject<br>8 subject qualified<br>but DAP not admin-<br>istered<br>9 N/A |
|                      | 45 - 46       | DAP: total score                                     | 00<br>to<br>73<br><br>88 test not administered<br>99 N/A   |

| <u>Protocol Item</u> | <u>Card Column</u> | <u>Subject</u>                                      | <u>Punch</u>   |
|----------------------|--------------------|---|--|
| DAP                  | 47 - 48            | DAP Interviewer<br>(interviewer code) <sup>14</sup> | 00<br>to<br>15<br><br>99 N/A                           |
|                      | 49 - 76            | DAP<br>(items 1 to 28 scored<br>one to a column)    | 0 score zero<br>1 score one<br>9 test not administered |
|                      | 77                 | Class A score                                       | 1<br><br>9 N/A   |
|                      | 78                 | Blank   | 9  |
|                      | 79 - 80            | Card number   | 10   |

INDIVIDUALS

CARD 11

| <u>Protocol<br/>Item</u> | <u>Card<br/>Column</u> | <u>Subject</u>                                       | <u>Punch</u>   |
|--------------------------|------------------------|--|--|
|                          | 1 - 8                  | (Identification<br>code)                             | 11001101<br>to<br>36116105                             |
| DAP                      | 9 - 53                 | DAP<br>(items 29 to 73<br>scored one to a<br>column) | 0 score zero<br>1 score one<br>9 test not administered |
|                          | 54 - 78                | Blank  | 9  |
|                          | 79 - 80                | Card number  | 11   |

G L O S S A R Y

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1. AGE (card type 03, cols 15 - 20). Age refers to age at the time of the interview. For persons under age 16, age is recorded in years, months and days to accommodate the psychometric measures. Age at last birthday was accepted for persons 16 years of age and over.
2. COMMON COMPLAINTS (card type 03, col 54). This is a check list of five common complaints which are often symptoms of more severe physical or neurotic disorders.
3. DIAGNOSIS: CHRONIC DISEASE OR PHYSICAL DISABILITY (card type 04, cols 51, 52). This is a recording of information on physical disability and chronic diseases as available from sources other than the study.
4. DIAGNOSIS: MENTAL RETARDATION (card type 04, cols 47, 48). This is a recording of the diagnosis of mental retardation available from non-study sources. Codes 00 through 89 are IQ ratings. Codes 94 through 98 indicate that the individual has been diagnosed and probably tested but only IQ range is known. IQ ranges are:

|                  |                  |
|------------------|------------------|
| Profound.....    | IQ of 20 or less |
| Trainable.....   | 20 to 50 IQ      |
| Educable.....    | 50 to 80 IQ      |
| Slow Learner.... | 80 to 90 IQ      |

"Schizophrenia" is used by provincial authorities to dictate that the individual is mentally retarded but due to an emotional disorder is untestable.

5. DIAGNOSIS: PSYCHIATRIC (card type 04, cols 49, 50). This is a recording of information on psychiatric disorder as available from sources other than the study.
6. DISABILITIES (card type 04, cols 72, 73, two one digit numbers).  
This is a listing of physical disabilities, chronic diseases or other problems which at the time of the interview limited the activities of the subject. A first and second ranked disability may be accommodated in two identical columns. Loss or impaired use of sight, hearing or limbs is classified as a physical disability. Diseases or disabilities which are chronic in nature, such as, heart condition, diabetes, rheumatism are all classified as chronic diseases.
7. ETHNIC ORIGIN (card type 01, col 20; card type 04, col 22). Ethnicity is coded according to the paternal line. Married women are coded according to ethnic origin of their maiden name.
8. EXTENDED FAMILY (card type 01, col 11). The extended family, for the purposes of the study, refers to a linear relationship within the household. The extended family consists of three generations or more.

9. FAMILY STRUCTURE BY AGE/SEX GROUPS (card type 01, cols 54 - 76; card type 02, cols 9 - 19). The number of individuals by five year age/sex groups has been coded for the household. Where exact age is unknown but can be approximated, the individual has been included in the appropriate age/sex grouping but punched "8" to so indicate. There are no instances in the study of an estimated and a known age falling in the same age/sex group. The number of age estimates in households is coded by sex on card type 02, cols 18, 19. Where age could not be approximated subjects are included only on card type 02, cols 18, 19. In every case sex of the individual was known.
10. FAMILY UNIT (card type 01, col 10). The family unit indicates persons living in a nuclear family either in a husband-wife or a parent-child relationship. Children in families who have never married but are over 24 years of age are considered a separate family unit. Once a child marries, he constitutes a separate family unit, whether or not he is living in the household with spouse and/or children. Persons living alone, with unrelated individuals or with relatives but not in a husband-wife or a parent-child relationship are considered individual family units.
11. HEAD OF HOUSEHOLD (card type 01, cols 12 - 14). The head of the household is the person who is chiefly responsible for maintenance. The head is not necessarily the oldest male family member unless it is assumed that he properly serves the function of head of household. The head of household is, wherever applicable,



the head of a family unit. In the case of unrelated persons living together, the choice of head of household usually depends on age.

12. HOUSEHOLD STRUCTURE (card type 01, cols 23 - 53). Every individual has been coded in terms of the relationship to head of the household. In some columns, a punch indicates more than one individual. For example, on card type 01, col 26, a punch 1 signifies both a married son and his wife living in the household. Since household structure is coded in terms of head of household, each member, with the exception of the head of household, is coded. The head of household is coded 101 or 102 on any card type, cols 6 - 8.
13. INCOMPLETE TEST SCORES (card types 06, 07, 08, 09 and 10). For analysis, in the PAIR, WISC, SMS and DAP, where the instrument is incomplete, the reason has been coded after the score range of each sub-test. Codes fall into a number of categories defined as:
- Subject not available - subject is a member of the household but away from home for an extended period of time and therefore not available for interview. The term "subject qualified, test not administered", has the same meaning.
- Refusal on behalf of subject - the subject is a child, invalid or in a dependent position in the household. The refusal has been made by another family member.
- Sub-test refused - the interview is incomplete and the sub-test has been refused.

Subject incapable - where a subject is intellectually capable but for physiological reasons cannot perform a task, he is considered incapable of doing the sub-test. Where the test is beyond the subject's intellectual capability, he is scored zero and another test may be used as a measure.

Refusal - subject refused.

Insufficient data - scores of PARI sub-tests are coded as "insufficient data" when more than one of the five items have not been completed. Scores are prorated if only one item is left unanswered.

14. INTERVIEWER CODE (card types 01, 03, 06 and 07, cols 77, 78; card type 09, cols 9, 10; card type 10, cols 47 - 48). Interviewers were assigned responsibility for households where they made the initial contact and were coded as such with household information on card type 01. One or possibly two other interviewers may have administered instruments within the household and are coded on the appropriate card.
15. LANGUAGES SPOKEN (card type 04, col 78). This column presents language spoken by the individual rather than mother tongue of the family. Children up to five years of age have been coded "6" to indicate that they are SMS subjects. Individuals five years of age or over who do not speak are coded "8".
16. LEIGHTON SCALE (card type 04, cols 33 - 45). A scale of seven items, each of four alternative responses, based upon Leighton's study has been used to assess the psycho-physiological state of the individual.

17. NUCLEAR FAMILY (card type 01, col 9). A nuclear family consists of a husband and wife--with or without children who have never been married (natural, adopted, stepchildren)--or a parent with one or more children never married who are living together in the same dwelling. This definition is in accordance with the 1966 Dominion Bureau of Statistics Census except that no age limit is set for the child in a parent-child relationship.
  
18. OCCUPATION CODE (card type 01, cols 15 - 18; card type 04, cols 9 - 12). The occupation code is an application of the Blishen Socio-Economic Index for occupations in Canada.\* Codes have been added to accommodate persons who are not included in the index as part of the work force.
  
19. REFUSALS (card type 04, cols 55 - 66). Refusals and incompletes in one of three counties were followed-up by senior staff. This necessitated coding the state of completion of the interview both on initial and on final contact, as coded on card type 04, cols 55, 56. The majority of interviews are coded 09 which indicates that they were completed on initial contact. While an incomplete interview is one in which some, but not all, of the individual instruments were completed. A refusal indicates that none of the individual instruments were accepted by the respondent.

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\* Blishen, Bernard R. "A Socio-Economic Index for Occupations in Canada," Canadian Society: Sociological Perspectives, 1968, 741 - 753.

Where refusals or incomplete interviews were followed-up, a consensus of opinion among the staff members involved was reached as to the reasons for the initially refused or incomplete status of the interview. This is coded on card type 04, cols 57 - 66.

Individuals coded "refusal on behalf of subject" on card type 04, cols 55, 56 were not considered on subsequent columns concerning reason for refusal since the subject was almost invariably a child or an invalid.

20. RESPONSE TO OPINION AND KNOWLEDGE QUESTIONNAIRE (card type 02, col 33). A mailed questionnaire was used with respondent families to tap attitudes toward and knowledge of the retarded, their care and function in the community. A major typographical error was noted in the form (QU1) after it had been mailed to part of the sample. Another form (QU2) was then substituted and used for a second request to these families, and for the balance of the sample. This column facilitates assessment of the error from a methodological point of view.
21. STANDARD DEVIATION UNIT (card type 02, cols 52 - 57). Standard Deviation Units are by .5 standard deviation ranges extending from  $\pm 5$  standard deviations from the mean. Unit designations are synonymous with data card punches.
22. THREE MOST IMPORTANT THINGS IN LIFE (card type 03, cols 70 - 75, three two digit numbers). In each of the three two digit numbers, an identical coding system has been used. There are 88 possible

codes for any one response. The first eighteen items represent ultimate or ideal values taken from Rokeach's Table of Terminal Values.\* Codes 19 - 88 represent groupings of responses taken from the same question used in the pilot study of 1968.

23. WELFARE CHILD (any card type, cols 7, 8, punches 50 - 59). A colloquial term commonly used in the province, a welfare child is a child placed in the home and supported by the Provincial Department of Health and Welfare. The term is synonymous with foster child.

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\* Rokeach, Milton. "The Role of Values in Public Opinion Research," Public Opinion Quarterly, 1968 - 1969, 547 - 559.

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