THE HEALTH AND ACTIVITY LIMITATION SURVEY

MICRODATA USER'S GUIDE

CHILDREN IN HOUSEHOLDS

Statistics Canada

March, 1990

DEDICATION

To those disabled persons and their families who

took the time to answer the lengthy questionnaire

- without them, this could not be -

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1. Introduction

The Health and Activity Limitation Survey (HALS) was conducted by Statistics Canada, in response to Recommendation 113 of OBSTACLES, the report from the Special Parliamentary Committee on the Disabled and the Handicapped. The survey - its content and format - was developed through extensive consultation with all levels of government in Canada, associations of and for disabled persons, and disabled persons themselves.

This manual has been produced to facilitate the manipulation of the microdata file produced from the household survey questionnaires for children. This file contains two types of records for the population aged 14 years and under - disabled person records and non-disabled person records. Users must specify the population of interest when tabulating from the file, using the variable "DISABLED".

Other microdata files available from the HALS survey are:

• Adults aged 15 years and older in households (includes disabled and non-disabled)

• Disabled adults in health-related institutions

Any questions about the three datafiles and their uses should be directed to:

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2. Background

In May 1980, the Special Parliamentary Committee on the Disabled and the Handicapped was formed with the mandate to report to the House of Commons on the needs and concerns of disabled persons in Canada. In February 1981, the Committee published its findings in the report titled Obstacles. This report included 130 recommendations for action on the part of the Government of Canada.

It was noted throughout the Committee's investigations that there was a lack of national data on disabled persons. The Committee directed Statistics Canada, through Recommendation 113, "to give a high priority to the development and implementation of long-term strategy which will generate comprehensive data on disabled persons in Canada...".(1)

Statistics Canada responded with an action plan which outlined the major activities to be undertaken to build a national data base on disability - a data base that would include all types of disabilities and all geographic areas in Canada.

Representatives from federal, provincial and territorial departments, agencies, crown corporations, and associations of and for disabled persons were contacted to determine their specific data requirements.

Statistics Canada then undertook three major data collection activities. They were:

(1)   the conduct of the **Canadian Health and Disability Survey** (CHDS) as a supplement to the Labour Force Survey in October 1983 and June 1984;

(2)   the addition of a question on activity limitation on the **1986 Census of Population** questionnaire to assist Statistics Canada in designing a sample frame from which to select individuals for participation in the post-censal survey, the Health and Activity Limitation Survey; and

(3)   the conduct of the **Health and Activity Limitation Survey** (HALS) which was completed in households in the fall of 1986 and in institutions in the spring of 1987.

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(1). **Obstacles**, Report of the Special Parliamentary Committee on the Disabled and the Handicapped, February, 1981 - page 131.

3. Survey Objectives

The objectives of HALS were:

• to extend the coverage of the survey to include disabled persons residing in the Yukon, the Northwest Territories, on Indian reserves and in institutions;

• to interview a sufficient number of disabled persons to enable the release of data for sub-provincial areas (such as large municipalities and groups of small municipalities) as well as data on disabilities with a low prevalence (such as Alzheimer's disease); and

• to extend the definition of disability to include individuals whose disability was due solely to the presence of a psychiatric condition.

4. Disability defined

> *"In the context of health experience, a disability is any restriction or lack (resulting from an impairment) of ability to perform an activity in the manner or within the range considered normal for a human being".(2)*

With the development of the International Classification of Impairments, Disabilities and Handicaps, the World Health Organization has developed a framework within which one can measure the consequence of disease. The "disability" concept was operationalized through a series of questions that has come to be known as "Activities of Daily Living".(3)

Individuals aged 15 and older are not considered disabled if they use a technical aid and that aid completely eliminates the limitation, e.g. - an individual who uses a hearing aid and states that he has no limitation when using the aid would not be considered disabled. The concept of time has also been added as an additional parameter - the limitation has to be of a minimum six months duration, i.e. has lasted or is expected to last six months or more.

For children under the age of 15, HALS used a general limitation approach along with a list of chronic conditions and a list of technical aids. A positive response in any one of these three categories indicates a disability.

For the purpose of the national data base on disability, the functional limitation approach has been utilized for the adult population (aged 15 and older) through the use of a modified version of the "Activities of Daily Living" questions.

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(2) **International Classification of Impairments, Disabilities, and Handicaps**, World Health Organization, 1980 - page 143.

(3) **Special Study No. 5, Measuring Disability**, O.E.C.D., 1982.

5. Survey design

The target population of the Health and Activity Limitation Survey (HALS) consisted of all persons with a physical, sensory or psychological disability who were living in Canada at the time of the 1986 Census.

This definition includes residents of the Northwest Territories and the Yukon, persons living on Indian reserves, and permanent residents of most collective dwellings and health-care institutions. Penal institutions and correctional facilities were excluded for operational reasons.

HALS is comprised of two surveys - the household survey, which was conducted immediately following the 1986 Census of Population and the institutions survey, which was conducted in the spring of 1987.

5.1 The Household Survey

The household survey (4) took place in two stages. The first stage consisted of Question 20 about activity limitations and disabilities included on the Census long form, which was asked of every fifth household, including collective dwellings such as boarding houses. The second stage was the completion of the HALS household questionnaire.

The purpose of this question was to identify, prior to the survey, a large part of the potential disabled population, in order to focus survey resources on the target group as much as possible.

Identification of eligible respondents for the household component of HALS was an integral part of the 1986 Census field operation. As part of their responsibilities, 23,530 Census Representatives were trained to review the completed Census questionnaires and to create a list of individuals (for selected age groups) who had responded positively to the disability question on the Census form. Two major strata were formed - Indian reserves and all other areas. All Indian reserves were included in the survey and a sample of the remaining areas was selected. Approximately 112,000 individuals in total were selected for the "Yes" sample.

Prior to the conduct of the 1986 Census, a small field test was conducted to determine if all disabled persons, as defined by the screening questions used in the CHDS, would identify themselves by answering "Yes" to the 1986 Census disability question. The results of this test indicated that many persons with a mild disability, as well as some of the elderly, would not answer positively to the Census question. For that reason, it was decided to select from the 1986 Census data, a sample of individuals who responded negatively to the disability question. This became the "No" sample.

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(4) A more detailed description of the sample design for the household survey is available from the Disability Database Program, Statistics Canada, Ottawa, K1A 0T6 (613) 951-0025.

Approximately 72,500 individuals were selected and an interview was conducted with each selected person. If a positive response was obtained to one or more of the HALS screening questions, then the entire questionnaire was completed. Of those individuals contacted, 5% converted from a "No" to a "Yes"; that is, 3,500 additional persons became part of the sample of disabled persons.

The HALS sample was chosen in such a way as to generate estimates for characteristics of disabled persons in up to 200 subprovincial areas throughout Canada. In addition, estimates were assured at the provincial level for native persons living on reserves.

5.2 The Institutions Survey

The 1986 Census of Population provided the list of institutions in Canada which was used for the first stage of selection for the institutions survey. From this list, five types of institutions were chosen for inclusion in HALS. They were:

- orphanages and children's homes;

- special care homes and institutions for the elderly and chronically ill;

- general hospitals;

- psychiatric institutions; and

- treatment centres and institutions for the physically handicapped.

Penal institutions and correctional facilities were excluded from the survey, although it was recognized that this would result in some under-coverage of the disabled population.

The selected types of institutions were grouped into three strata - small (having thirty permanent residents or less), medium and large (having 200 residents or more for most provinces).(5) The definition of large varies from province to province. A sample of institutions was selected based on type and size.

Within each selected institution, a sample of residents was selected, based on a listing provided by the institution. Residents were included in the list if they were living in the institution on March 1, 1987 and had been in an institution for a continuous period of six months or more.

The sample is representative in terms of the sizes and categories of institutions and allows for estimates regarding the characteristics of disabled residents at the provincial or territorial level. For the purposes of the survey, 1,100 institutions were selected and the sample of residents within these selected institutions was 18,100.

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(5) A more detailed description of the sample design for the institutions survey is available from the Disability Database Program, Statistics Canada, Ottawa, K1A 0T6 (613) 951-0025.

6. Data collection methodology

6.1 The Household Survey

Data collection for the household survey took place in the summer of 1986 immediately following the completion of the field work for the 1986 Census. Approximately 1,200 Census Representatives were retained to conduct the interviews and they received additional training on the survey content and procedures. For the part of the sample made up of persons who had indicated they had limitations in response to Question 20 on the Census long form (i.e. the "Yes" sample), in most cases the data were collected by means of personal interviews. For the "No" sample, telephone interviews were usually conducted.

For children, the interview was to be done with a parent or other adult. For adults, the interview was to be done with the selected respondent. However, in some situations, the interview was conducted with another member of the household; for example, when the respondent's physical or psychological state prevented him or her from participating in the survey. Approximately 12% of the interviews with adults were done this way. The response rate for the household survey was 90%, with only 3% of the selected sample refusing to participate in the survey.

6.2 The Institutions Survey

The data collection operations for the institutions survey were carried out in March and April 1987. Only personal interviews were acceptable for the purposes of this survey. Although the interviewers were instructed to try to obtain an interview with the subject in the case of adult residents, this was possible in only 42% of the cases, owing in large part to the severity of the condition of many residents. All the other interviews were done with the help of the institutional staff or next-of-kin. The response rate for the institutions survey was 97%.

7.   Content

The HALS database is comprised of data from the HALS questionnaires, as well as data from the 1986 Census of Population.

7.1 HALS Data

There were six questionnaires used for HALS - four for the household survey and two for the institutions survey.

The content of the questionnaires was defined through extensive consultation with public officials involved with the delivery of programs for disabled persons as well as individuals in the private sector involved in associations of and for disabled persons.

The content of Form 02 is the most complete representation of the data needs as articulated during the consultations. Form 04 is a reduced version of Form 02 and represents those data which were appropriate to the geographic location of the individuals. Where possible the questions are identical to those on the Form 02.

The two remaining household survey questionnaires are for children aged 14 and younger. Form 03 is for areas covered by Adult Form 02, and Form 05 is for the remainder of the household survey as covered by Adult Form 04. The content of Form 03 is the most complete representation of data needs for disabled children. **Please note that for children aged 4 years and under, only questions 1 through 9 in Section A were completed.**

The two questionnaires for the institutions survey (Forms 06 and 07) are similar in content to Forms 02 and 03 but reduced in scope to reflect the institutional environment.

7.2 1986 Census of Population Data

Because the HALS household sample was drawn from the respondents to the disability question on the 1986 Census of Population, it was possible to perform a computer link and select data from the 1986 Census of Population database.

The selected data from the Census database include:

- person-level variables such as ethnic origin, marital status, education, language spoken at home;
- household-level variables such as owned/rented, type of dwelling; and
- family-level variables such as income, number of family members.

The database includes two types of records - a record for disabled persons which includes data from both HALS and Census, and a record for non-disabled persons which includes data from the Census only.

8. Data processing

8.1 Data Capture

Data capture for both the household and institutions surveys was done at the Statistics Canada Regional Offices. The data were then transferred to Ottawa for further processing. All completed questionnaires and related forms were shipped to Ottawa.

Note: Names and addresses were not captured. The computer records contain a sequential number which can be linked manually to the questionnaires.

8.2 Edit and Imputation

All HALS records were subjected to computer edits to ensure the validity and consistency of the responses. Missing or erroneous data were identified as "unknown", or were imputed based on other information contained on the record.

8.3 Linkage to 1986 Census files

The household component of the HALS database contains selected 1986 Census of Population variables for each selected person in the sample. These selected variables include family data as well as information about the dwelling within which the selected individual resides.

9. Sampling and non-sampling error

Statistics from the HALS data base are estimates based on a sample survey of a portion of the Canadian population (approximately 1 out of every 25 persons in the "yes" sample and 1 out of every 300 persons in the "no" sample). As a result, the statistics are subject to two types of error: sampling and non- sampling errors.

9.1 Sampling Error

The estimates that can be derived from this survey are based on a sample of individuals. Somewhat different estimates might be obtained if a complete census had been taken using the same questionnaire, interviewers, supervisors, processing methods, etc. as those actually used. The difference between the estimates obtained from the sample and those resulting from a complete count taken under similar conditions is called the sampling error of the estimates.

Since it is an unavoidable fact that estimates from a sample survey are subject to sampling error, sound statistical practice calls for researchers to provide users with some indication of the magnitude of this sampling error. This section of the documentation outlines the measures of sampling error which Statistics Canada commonly uses and which it urges users producing estimates from this microdata file to use also.

The basis for measuring the potential size of sampling errors is the standard error of the estimates derived from survey results.

However, because of the large variety of estimates that can be produced from a survey such as this, the standard error of an estimate is usually expressed relative to the estimate to which it pertains. This resulting measure, known as the coefficient of variation of an estimate, is obtained by dividing the standard error of the estimate by the estimate itself and is expressed as a percentage of the estimate.

For example, suppose that, based upon the survey results, one estimates that 5% of children aged 5 to 14 living in Quebec were disabled in 1986 and that this estimate is found to have standard error of .009. Then the coefficient of variation of the estimate is calculated as

$$\frac{.009}{.05} \times 100\% = 18\%$$

Before discussing how these measures can be obtained it is useful to describe the two main types of point estimates of population characteristics which can be generated from the microdata files for the Health and Activity Limitation Survey.

(1) Qualitative Estimates

Qualitative estimates are estimates of the number, proportion or percentage of the surveye population possessing certain characteristics or falling into some defined category. The number (persons aged 5 to 14 who were attending school or being tutored in April 1986 or the proportic of Ontario's population that consists of disabled children who use a wheelchair are examples (such estimates.

In this context, an estimate of the number of persons possessing a certain characteristic is referre to as an estimate of an aggregate.

(2) Quantitative Estimates

Quantitative estimates are estimates of totals or of means, medians and other measures of centri tendency based upon some or all of the members of the surveyed population. They also specificall involve estimates of the form $\hat{X}/\hat{Y}$ where $\hat{X}$ is an estimate of the surveyed population total and ' is an estimate of the number of persons in the surveyed population contributing to that total.

An example of a quantitative estimate based upon all members in the surveyed population is th mean age in 1986 of disabled children in Canada. Similarly, the mean annual household incom of disabled female children is an example of a quantitative estimate since it's numerator is a estimate of the total household income for all disabled female children in the surveyed populatio and its denominator is an estimate of the number of disabled female children in the surveye population.

Where to Obtain Coefficients of Variation for Qualitative Estimates

In order to supply coefficients of variation which would be applicable to a wide variety of qualitativ estimates produced from these microdata tapes and which could be readily accessed by the user, set of "look up" tables, referred to as Sampling Variability Tables, has been produced and include(in Appendix H.

There is one set of tables for Canada and for each region. In each set, the coefficient of variatior is given for the entire population, the disabled population and the non-disabled population. It shoulc be noted that all coefficients of variation in these tables are approximate and therefore, unofficial

These coefficients of variation are derived using the variance formula for stratified random samplin; and incorporating a factor which reflects the multi-stage, clustered nature of the sample design This factor, known as the design effect, has been determined by first calculating design effects fo: a wide range of characteristics and then choosing, from among these, a conservative value whicl will not give a false impression of high precision. Estimates of actual variance for specific variable: may be obtained from Statistics Canada on a cost-recovery basis. As noted in Section 10, use o: actual variance estimates allows users to release otherwise unreleaseable estimates, i.e. estimate: with coefficients of variation in the "restricted" range.

The following rules should enable the user to determine the approximate coefficients of variation from the Sampling Variability Tables for estimates of the number or proportion of the surveyed population possessing a certain characteristic and for ratios and differences between estimates.

Rule 1: Estimates of Numbers or Proportions Possessing a Characteristic (Aggregates)

On the Sampling Variability Table for the appropriate geographic area and the appropriate population and age group, locate the value nearest to the estimate produced. If the estimate is a number, look under the heading TOTAL; if the nearest estimate is a proportion, look under the heading PROP (percentage proportion). The corresponding number in the CV column represents the approximate coefficient of variation.

Rule 2: Estimates of Differences Between Aggregates or Percentages

The standard error of a difference between two estimates is approximately equal to the square root of the sum of squares of each standard error considered separately. That is, the standard error of a difference $\hat{d} = \hat{X}_1 - \hat{X}_2$ is:

$$\sigma\hat{d} = \sqrt{(\hat{X}_1\ CV_1)^2 + (\hat{X}_2\ CV_2)^2}$$

where $\hat{X}_1$ is estimate 1, $\hat{X}_2$ is estimate 2, and CV_1 and CV_2 are the coefficients of variation of $\hat{X}_1$ and $\hat{X}_2$ respectively. The coefficient of variation of $\hat{d}$ is given by $\sigma\hat{d}/\hat{d}$. This formula is accurate for the difference between separate and uncorrelated characteristics but is only approximate otherwise.

Rule 3: Estimates of Ratios

In the case where the numerator is a subset of the denominator, the ratio should be converted to a percentage and then the coefficient of variation can be found directly in the table. This would apply, for example, to the case where the denominator is the number of disabled males and the numerator is the number of disabled males who had a full-time job (for a given reference period).

In the case where the numerator is not a subset of the denominator, the standard error of the ratio of the two estimates is approximately equal to the square root of the sum of squares of each standard error considered separately. That is, the standard error of a ratio $\hat{R} = \hat{X}_1/\hat{X}_2$ is:

$$\sigma\hat{R} = \sqrt{(\hat{X}_1\ CV_1)^2 + (\hat{X}_2\ CV_2)^2}$$

where $\hat{X}_1$ is the numerator, $\hat{X}_2$ the denominator, and CV_1 and CV_2 are the coefficients of variation of $\hat{X}_1$ and $\hat{X}_2$ respectively.

The coefficient of variation of $\hat{R}$ is given by $\sigma\hat{R}/\hat{R}$. The formula will tend to overstate the error if $\hat{X}_1$ and $\hat{X}_2$ are positively correlated and understate the error if $\hat{X}_1$ and $\hat{X}_2$ are negatively correlated.

Rule 4: Estimates of Differences of Ratios

In this case, Rules 2 and 3 are combined. The cv's for the two ratios are first determined using Rule 3, and then the cv of their difference is found using Rule 2. The following two 'real life' examples are included to assist users in applying the foregoing rules.

Example 1

Suppose a user studying disabled children in Ontario households estimates from the microdata file that 56,400 male children were disabled in 1986.

How does the user determine the coefficient of variation of this estimate?

(1)   Refer to the Ontario sampling variability table.

(2)   Refer to the columns under Child Population Total (which is the universe of reference here as opposed to the disabled population only or the non-disabled only).

(3)   The estimated aggregate, 56,400, does not appear on the left-hand column (the Total column), so it is necessary to use the figure closest to it, namely 55,000.

(4)   The coefficient of variation corresponding to an estimated aggregate of this size is 14.83%.

Example 2

Suppose a user studying the characteristics of disabled children in Canadian households estimates from the microdata file that approximately 64,000, or 22% of disabled children, are less than 5 years of age.

The user also estimates that, of the non-disabled children in Canada, 34% are less than 5 years of age.

How does the user determine the coefficient of variation of these two estimates?

(1)   Refer to the Canada sampling variability table.

(2)   Refer first to the column under the title Disabled Child Population.

(3)   Since these estimates are expressed as proportions (or percentages), refer to the PROP column. Look for the number closest to 22. The figure 22.32 is listed and has a coefficient of variation of 1.78% which is the CV associated with the first estimate of 22%.

(4)   For the second estimate of 34%, refer to the PROP column under Non Disabled Child Population. The closest figure, 39.63, has a CV of 1.15% so this is to be used as the CV for the estimate of 34%.

How to Obtain Coefficients of Variation for Quantitative Estimates

For quantitative estimates, special tables would have to be produced to determine their sampling error. Since the variables for the Health and Activity Limitation Survey are primarily qualitative in nature, this has not been done.

As a general rule, however, the coefficient of variation of a quantitative total will be larger than the coefficient of variation of the corresponding qualitative estimate (i.e., the estimate of the number of persons contributing to the quantitative estimates). If the corresponding qualitative estimate is not releasable, the quantitative estimate will not be either.

Coefficients of variation of such estimates can be derived as required for a specific estimate using a technique known as pseudo replication. This involves randomly dividing the records on the microdata files into subgroups (or replicates) and determining the variation in the estimate from replicate to replicate. Users wishing to derive coefficients of variation for quantitative estimates may contact Statistics Canada for advice on the allocation of records to appropriate replicates and the formulae to be used in these calculations.

Confidence Limits

Although coefficients of variation are widely used, a more intuitively meaningful measure of sampling error is the confidence interval of an estimate. A confidence interval constitutes a statement on the level of confidence that the true value for the population lies within a specified range of values. For example a 95% confidence interval can be described as follows:

If sampling of the population is repeated indefinitely, each sample leading to a new confidence interval for an estimate, then in 95% of the samples the interval will cover the true population value.

Using the standard error of an estimate, confidence intervals for estimates may be obtained under the assumption that under repeated sampling of the population, the various estimates obtained for a population characteristic are normally distributed about the true population value. Under this assumption, the chances are about 68 out of 100 that the difference between a sample estimate and the true population value would be less than one standard error, about 95 out of 100 that the difference would be less than two standard errors, and about 99 out of 100 that the differences would be less than three standard errors. These different degrees of confidence are referred to as the confidence levels.

Confidence intervals for an estimate, $\hat{X}$, are generally expressed as two numbers, one below the estimate and one above the estimate, as $(\hat{X}-k, \hat{X}+k)$ where k is determined depending upon the level of confidence desired and the sampling error of the estimate.

Confidence intervals for an estimate can be calculated directly from the Sampling Variability Tables by first determining from the appropriate table the coefficient of variation of the estimate X, and then using the following formula to convert to a confidence interval CI:

$$CI_x = \{\hat{X} - t \cdot CV(\hat{X}) \cdot \hat{X}, \hat{X} + t \cdot CV(\hat{X}) \cdot \hat{X}\}$$

where $CV(\hat{X})$ is the determined coefficient of variation of $\hat{X}$ and

t = 1 if a 68% confidence interval is desired
t = 2 if a 95% confidence interval is desired
t = 3 if a 99% confidence interval is desired

For instance, if we go back to previous example 1, the 95% confidence interval for the estimate of 56,400 of disabled male children in Ontario would be given by

$$\{56,400 - 2 \times .1483 \times 56,400, \quad 56,400 + 2 \times .1483 \times 56,400\} = \{39,678, \quad 73,128\}$$

9.2 Non-Sampling Errors

All other types of errors (observation, response, processing and non-response errors) are called non-sampling errors. Identifying and evaluating the importance of many of these errors can be difficult.

Observation errors arise when there is a difference between the target population and the sample population. Integrating HALS with the 1986 Census of Population has made it possible to greatly reduce this type of error. Only a certain portion of Indian reserves and collective dwellings were systematically ignored in the sampling process, but their importance is negligible compared to the total population. Consequently, observation errors should not have a significant influence on the HALS data.

All statistical surveys are susceptible to a certain percentage of non-response among the selected sample. A total non-response occurs when, for one reason or another, a selected respondent could not be interviewed. The non-response is said to be partial if only part of the questionnaire is complete. The impact of non-response errors on estimates depends on the level of non-response and particularly, on any differences between the characteristics of respondents and non-respondents. In principle, the more marked these differences, the greater the impact on the accuracy of the estimates.

With respect to HALS, the response rate (90%) compares favorably with the rate generally observed for this type of survey. In addition, various methods have been used to reduce the bias caused by any total non-responses, notably by adjusting the data to reflect the distribution of certain demographic characteristics obtained by the census.

10. Publication and release guidelines

It is important for users to become familiar with the contents of this section before publishing or otherwise releasing any estimates derived from the microdata tapes of the Health and Activity Limitation Survey.

This section of the documentation outlines the guidelines to be adhered to by users publishing or otherwise releasing any data derived from the survey microdata tapes. With the aid of these guidelines, users of microdata should be able to produce the same figures as those produced by Statistics Canada and, at the same time, will be able to develop currently unpublished figures in a manner consistent with these established guidelines. This section consists basically of four sub-sections - the rounding guidelines, the sample weighting guidelines, the sampling variability guidelines and guidelines for statistical analysis.

Rounding Guidelines

In order that estimates for publication or other release derived from these microdata tapes will correspond to those produced by Statistics Canada, users are urged to adhere to the following guidelines regarding the rounding of such estimates.

a) Estimates in the main body of a statistical table are to be rounded to the nearest hundred units using the normal rounding technique. In normal rounding, if the first or only digit to be dropped is 1 to 4, the last digit to be retained is not changed. If the first or only digit to be dropped is 5 to 9, the last digit to be retained is raised by one. For example, in normal rounding to the nearest 100, if the last two digits are between 00 and 49, they are changed to 00 and the preceding digit (the hundreds digit) is left unchanged. If the last digits are between 50 and 99 they are changed to 00 and the preceding digit is incremented by 1.

b) Marginal sub-totals and totals in statistical tables are to be derived from their corresponding unrounded components and then are to be rounded themselves to the nearest 100 units using normal rounding.

c) Averages, proportions, rates and percentages are to be computed from unrounded components (i.e. numerators and/or denominators) and then are to be rounded themselves to one decimal using normal rounding. In normal rounding to a single digit, if the final or only digit to be dropped is 0 to 4, the last digit to be retained is not changed. If the first or only digit to be dropped is 5 to 9, the last digit to be retained is increased by 1.

d) Sums and differences of aggregates or ratios are to be derived from their corresponding unrounded components and then are to be rounded themselves to the nearest 100 units or the nearest one decimal using normal rounding.

e) In instances where, due to technical or other limitations, a rounding technique other than normal rounding is used resulting in estimates to be published or otherwise released which differ from corresponding estimates published by Statistics Canada, users are urged to note the reason for such differences in the publication or release document(s).

f) Under no circumstances are unrounded estimates to be published or otherwise released by users. Unrounded estimates imply greater precision than actually exists.

Sample Weighting Guidelines for Tabulation

The sample design used for the Health and Activity Limitation Survey was not self-weighting. When producing simple estimates, including the production of ordinary statistical tables, users must apply the sampling weights placed on the individual microdata tape records. Otherwise, the estimates derived from the microdata tapes cannot be considered to be representative of the survey population and will not correspond to those produced by Statistics Canada.

Users should also note that some software packages because of their treatment of the weight field, may not allow the generation of estimates that exactly match those available from Statistics Canada.

Sampling variability guidelines for the Health
and Activity Limitation Survey

Before releasing and/or publishing any estimate from these microdata tapes, users should determine
its coefficient of variation and follow the guidelines below.

Types of Estimate	cv (in %)	Guidelines
1. Unqualified	0.0 - 16.5	Estimates can be considered for general unrestricted release. Requires no special notation.
2. Qualified	16.6 - 25.0	Estimates can be considered for general unrestricted release but should be accompanied by a warning cautioning subsequent users of the high sampling variability associated with the estimates. Such estimates should be identified by the letter Q (or some other similar fashion).
3. Confidential	25.1 - 33.3	Estimates can be considered for general unrestricted release only when sampling variabilities are obtained using an exact variance calculation procedure. Unless such variances are obtained, such estimates should be deleted and replaced by dashes (--) in statistical tables.
4. Not for release	33.4 or greater	Estimates cannot be released in any form under any circumstances. In statistical tables, such estimates should be deleted and replaced by dashes (--).

Note: These sampling variability guidelines should be applied to rounded estimates.

Guidelines for Statistical Analysis

HALS is based upon a complex design, with stratification and multiple stages of selection, an unequal probabilities of selection of respondents. Using data from such complex surveys present problems to analysts because the survey design and the selection probabilities affect the estimatio and variance calculation procedures that should be used.

While many analysis procedures found in statistical packages allow weights to be used, the meanin or definition of the weight in these procedures differ from that which is appropriate in a sampl survey framework, with the result that while in many cases the estimates produced by the package are correct, the variances that are calculated are almost meaningless.

For many analysis techniques (for example linear regression, logistic regression, estimation of rate and proportions and analysis of variance), a method exists which can make the variances calculate by the standard packages more meaningful. If the weights on the data are rescaled so that th average weight is one (1), then the variances produced by the standard packages will be mor reasonable; they still will not take into account the stratification and clustering of the sample' design, but they will take into account the unequal probabilities of selection. The rescaling can b accomplished by dividing each weight by the overall average weight before the analysis i conducted.

■✦ Statistics Canada Statistique Canada

Health and
Activity Limitation Survey
(Children – under 15)

Form 03

INTRODUCTION

STATISTICS CANADA IS CONDUCTING A SPECIAL SURVEY TO PROVIDE INFORMATION ON THOSE CANADIANS, WHO, FOR HEALTH-RELATED REASONS, ARE LIMITED IN THE KIND AND AMOUNT OF ACTIVITY THEY CAN PERFORM ON A DAY-TO-DAY BASIS. THE INFORMATION GATHERED IN THE HEALTH AND ACTIVITY LIMITATION SURVEY WILL HELP IDENTIFY THE PROBLEMS THESE CANADIANS FACE WHEN DEALING WITH SUCH MATTERS AS EMPLOYMENT, EDUCATION, TRANSPORTATION, HOUSING AND LEISURE ACTIVITY.

Final S:

Fully Complete

Partial

Refusal

No Contact

Other

Yes Sample

No Sample

CONFIDENTIAL WHEN COMPLETED

PROV	FED No.	EA No.	VN	Hhld. No.	Form 0 3	Person No.

Name

....

Last name   Given name and initial

Telephone numl

Address

....

Street and No. or lot and concession or exact location

....

City, town, village, municipality, Indian reserve   Province or territory   Postal C(

Date of birth

| | | | 1 | 9 | | |

Day   Month   Year

Sex

Male   1○

Female   2○

Information Source

Proxy – parent or guardian   1○
       – other family   2○
       – other   3○

Record of Visits/Calls

Visit/ Call No.	Date	Time of call or visit	Interview time			Comments
			Began	Ended	Time elapsed	
1						
2						
3						
4						
5						
6						
7						
8						
9						
TOTAL ELAPSED TIME (Minutes)						

Interviewer's Signature   Date

SECTION A – SCREENING QUESTIONS

I would like to ask you about ...'s ability to do certain activities, even when using a special aid. Please report only those problems which you expect to last six months or more.	Screening Column Yes

WHICH OF THE FOLLOWING AIDS DOES ... NOW USE? PLEASE REPORT ONLY THOSE AIDS WHICH ARE USED FOR SIX MONTHS OR MORE?

WHEELCHAIR?   Yes .... 01○

                                    No   02○

CRUTCHES OR OTHER WALKING AID?   Yes .... 03○

                                    No   04○

MEDICALLY PRESCRIBED FOOTWEAR?   Yes .... 05○

                                    No   06○

ARTIFICIAL LEG, ARM, HAND OR FOOT? Yes .... 07○

                                    No   08○

HEARING AID?   Yes .... 09○

                                    No   10○

VISION AID OTHER THAN GLASSES OR
CONTACT LENSES?   Yes .... 11○

                                    No   12○

ANY KIND OF BRACE OTHER THAN BRACES
FOR TEETH?   Yes .... 13○

                                    No   14○

DOES ... USE ANY OTHER KIND OF AID?   Yes .... 1○

                                    (specify) _____

                                    No   2○

DOES ... HAVE ANY LONG-TERM CONDITION OR HEALTH PROBLEM WHICH PREVENTS OR LIMITS HIS/HER PARTICIPATION IN SCHOOL, AT PLAY, OR ANY OTHER ACTIVITY NORMAL FOR A CHILD OF HIS/HER AGE?

Yes .... 3○

No   .... 4○ ⟶ Go to 4   Go to 3a

3a   At what age did this limitation begin?

Age   [ ][ ]   (if age less than 1 year, enter 00)

3b   What is the MAIN condition or health problem which limits or prevents ... from participating in these activities?

Specify   [ ]

3c   Which of these selections is the best description of this condition?

INTERVIEWER: Show "Q" card. Enter appropriate number.

[ ]

4   DOES ... ATTEND A SPECIAL SCHOOL OR SPECIAL CLASSES AT SCHOOL BECAUSE OF A
LONG-TERM CONDITION OR HEALTH PROBLEM?

Yes   ....

No   .... 6◯   ⟶ Go to 5

4a   What is the MAIN condition or health problem which requires ... to attend a special school or special classes?

Same condition as question | 0 | | | ⟶ Go to 5

Specify | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

4b   Which of these selections is the best description of this condition?

INTERVIEWER: Show "Q" card. Enter appropriate number.

☐

---

5   DOES ... HAVE ANY OF THESE LONG-TERM CONDITIONS OR HEALTH PROBLEMS?

ALLERGIES OF ANY KIND	Yes	01◯
	No	02◯
ASTHMA	Yes	03◯
	No	04◯
BRONCHITIS	Yes	05◯
	No	06◯
OTHER LUNG CONDITION OR DISEASE	Yes	....
	No	08◯
HEART CONDITION OR DISEASE	Yes	....
	No	10◯
KIDNEY CONDITION OR DISEASE	Yes	....
	No	12◯
CANCER	Yes	....
	No	14◯
DIABETES	Yes	....
	No	16◯
EPILEPSY	Yes	....
	No	18◯
CEREBRAL PALSY	Yes	....
	No	20◯

DOES ... HAVE ANY OF THESE LONG-TERM CONDITIONS OR HEALTH PROBLEMS?
(Continued)

MULTIPLE SCLEROSIS   Yes .... 21 O

                                            No   22 O

CYSTIC FIBROSIS   Yes .... 23 O

                                            No   24 O

MUSCULAR DISTROPHY   Yes .... 25 O

                                            No   26 O

PARALYSIS OF ANY KIND   Yes .... 27 O

                                            No   28 O

ARTHRITIS OR RHEUMATISM OF A
SERIOUS NATURE   Yes .... 29 O

                                            No   30 O

HIGH BLOOD PRESSURE   Yes .... 31 O

                                            No   32 O

MENTAL HANDICAP INCLUDING
DEVELOPMENTALLY DELAYED/
MENTALLY RETARDED   Yes .... 33 O

                                            No   34 O

LEARNING DISABILITY   Yes .... 35 O

                                            No   36 O

MISSING ARMS, LEGS, FINGERS OR TOES   Yes .... 37 O

                                            No   38 O

DOES ... HAVE VISION TROUBLE NOT CORRECTED BY GLASSES OR CONTACT LENSES?

                                            Yes .... 1 O

                                            No   .... 2 O ⟶ Go to 7   Go to 6a

6a   What is the MAIN condition or health problem which causes ... vision trouble?

     Same condition as question | 0 | | | ⟶ Go to 6c

     Specify | | | | | | | | | | | | | | | | | | | | | | | | | | | |

6b   Which of these selections is the best description of this condition?

     | INTERVIEWER: Show "Q" card. Enter appropriate number. |

                    ☐

6c   Has ... been diagnosed by an eye specialist as being legally blind?

     Yes   3 O

     No   4 O   ⟶ Go to 7

6d   Is ... able to recognize a hand in front of his/her eyes and count the number of fingers being
     shown?

     Yes   .... 6 O

     No   .... 7 O

     Don't know/not applicable   - 9 O

7 **INTERVIEWER CHECK ITEM:**

Copy date of birth from the front page.

					1	9	

Day   Month   Year

If date of birth is **after**
June 3rd, 1981,

then   1 ○   ——▶ Go to 8

Otherwise 2 ○   ——▶ Go to 10

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8 DOES ... HAVE HEARING TROUBLE?

Yes ....

No .... 4 ○ ——▶ Go to 9

8a   What is the MAIN condition or health problem which causes ... hearing trouble?

Same condition as question | 0 | | | ——▶ Go to 9

Specify | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

8b   Which of these selections is the best description of this condition?

INTERVIEWER: Show "Q" card. Enter appropriate number.

☐

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9 DOES ... HAVE ANY OTHER LONG-TERM CONDITION OR HEALTH PROBLEM NOT
PREVIOUSLY MENTIONED WHICH IS EXPECTED TO LAST 6 MONTHS OR MORE?

Yes ....

No .... 7 ○

                      ↓

                   END OF INTERVIEW.
                   Complete Front Cover.

9a   What is this long-term condition or health problem?

Specify | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

9b   Which of these selections is the best description of this condition?

INTERVIEWER: Show "Q" card. Enter appropriate number.

☐

END OF INTERVIEW.
Complete Front Cover.

DOES ... HAVE HEARING TROUBLE?

Yes .... ³○

No .... ⁴○ ——➤ Go to 11

10a What is the MAIN condition or health problem which causes ... hearing trouble?

Same condition as question [0][ ][ ] ——➤ Go to 10c

Specify [ ]

10b Which of these selections is the best description of this condition?

INTERVIEWER: Show "Q" card. Enter appropriate number.

☐

10c Is ... able to hear what is said over a normal telephone, with a hearing aid, if used?

Yes .... ³○

No .... ⁴○

Don't know .... ⁵○

10d This question deals with communication skills which ... may have. Is he/she able to:

INTERVIEWER: Read list. Mark all that apply.

use sign language? .... ₁○

lip read? .... ₂○

neither of the above .... ₃○

DOES ... HAVE ANY TROUBLE SPEAKING AND BEING UNDERSTOOD BECAUSE OF A
CONDITION OR HEALTH PROBLEM?

Yes ⁵○ ——➤ Go to 11a

No ⁶○ ——➤ Go to 12

11a What is the MAIN condition or health problem which causes ... trouble speaking and being
understood?

Same condition as question [ ][ ][ ] ——➤ Go to 11c

Specify [ ]

11b Which of these selections is the best description of this condition?

INTERVIEWER: Show "Q" card. Enter appropriate number.

☐

11c How well do you feel that ... is able to make himself/herself understood when speaking with:

		Completely	Partially	Not at all
(i)	members of his/her family?	₁○	₂○	₃○
(ii)	his/her friends?	₄○	₅○	₆○
(iii)	other people?	₇○	₈○	₉○

12 FROM TIME TO TIME, CHILDREN MAY EXPERIENCE THE OCCASIONAL EMOTIONAL OR NERVOUS PROBLEM. HOWEVER, DOES ... HAVE A LONG-TERM EMOTIONAL, PSYCHOLOGICAL, NERVOUS OR MENTAL HEALTH CONDITION OR PROBLEM WHICH LIMITS THE KIND OR AMOUNT OF ACTIVITY THAT HE/SHE CAN DO AT HOME, AT SCHOOL OR AT PLAY?

Yes, is limited ....

No .... 2◯ ⟶ Go to 13

12a At what age did ... first start having this activity limitation at home, at school or at play?

Age [|] (if age less than 1 year, enter 00)

12b What is the MAIN condition or health problem which limits ... in his/her activity at home, at work or at play?

Same as question [| |]

Specify [| | | | | | | | | | | | | | | | | | | | | | | | |]

---

13 DOES ... HAVE ANY OTHER LONG-TERM CONDITION OR HEALTH PROBLEM NOT PREVIOUSLY MENTIONED, WHICH IS EXPECTED TO LAST SIX MONTHS OR MORE?

Yes ....

No .... 7◯ ⟶ Go to 14

13a What is this long-term condition or health problem?

Specify [| | | | | | | | | | | | | | | | | | | | | | | | |]

13b Which of these selections is the best description of this condition?

INTERVIEWER: Show "Q" card. Enter appropriate number.

[ ]

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14 INTERVIEWER CHECK ITEM:

If any "Yes" is checked in the screening column on pages 2 to 7

then 8◯ ⟶ Go to Section B

Otherwise 9◯ ⟶ END OF INTERVIEW.
Complete Front Cover.

Does ... require special education because of his/her condition or health problem?

Yes 1○ → | B2   Is this special education available through the regular school system in your area?

No 2○

         ↓ Yes 3○   No 4○

In **April, 1986** was ... going to school or being tutored through the school system?

Yes 1○   → Go to B6

No 2○

Before **April, 1986** did ... ever go to school?

Yes 3○   → Go to B11

No 4○

Was this because of his/her condition or health problem?

Yes 5○ ⎫
          ⎬ Go to Section C
No 6○ ⎭

What type of school was ... attending?

INTERVIEWER: Read list. Mark only one.

A special school for children with conditions or health problems 1○ → Go to B8

A regular school with special classes for children with conditions or health problems ..... 6○

A regular school .... 2○

At this regular school, what type of classes was ... attending?

INTERVIEWER: Read list. Mark only one.

Only special classes for children with a condition or health problem .... 1○

Only regular classes .... 2○ → Go to B9

Some regular classes and some special classes for children with a condition or health problem .... 3○

What type of education, training or therapy was ... receiving at this school or in these special classes?

INTERVIEWER: Read list. Mark all that apply.

Physical therapy or communication therapy .... 7○

Daily living skills .... 6○

Academic subjects .... 8○

Trade or vocational .... 9○

B9   In what grade was ... enrolled in **April, 1986**?

Grade ☐☐

Non-graded 99○

B10 **Last April** what was the principal means of transportation that ... used to get to school? By this, I mean the kind of transportation ... used to travel the greatest distance.

INTERVIEWER: Do not read list. Mark only one.

None, studied at home .... 1○

Private motor vehicle .... 2○

Regular school bus .... 3○

Regular bus/subway/streetcar .... 4○

Special bus/van service for the disabled .... 5○

Taxi .... 9○

Bicycle .... 6○

Walked to school .... 7○

Other .... 8○

B11 Before **April, 1986** did ... ever attend a special school for children with conditions or health problems?

Yes 1○   No 2○

B12 Did ... begin his/her first year of school later than most children of the same age, because of his/her condition?

Yes 1○   No 2○

B13 Was ...'s schooling ever interrupted for long periods of time because of his/her condition?

Yes 3○   No 4○

B14 Because of his/her condition, did it take ... longer to achieve his/her present level of education?

Yes 5○

No 6○   → Go to Section C

B15 How much longer?

Years ☐☐

Not able to estimate 99○

GO TO SECTION C

C1 I would now like to ask you about the means of transportation that ... uses for local travel. This includes trips to the doctor, the movies or any other local trips under 50 miles/80km.

Because of his/her condition or health problem, is ... prevented from leaving his/her residence to take short trips, that is, is ... housebound?

Yes 1○ ──➤ Go to C13

No 2○

C2 Some communities have a special bus or van service for people who have difficulty using regular local public transportation. When using this special service, people can call ahead and ask to be picked up at their home.

Does ... need such a service?

Yes 7○   No 8○ ⎫
                    ⎬ Go to C6
     Don't know 9○ ⎭

C3 Is this special service available in your area?

Yes 1○   No 2○ ⎫
                    ⎬ Go to C6
     Don't know 3○ ⎭

C4 How often does ... use this service?

INTERVIEWER: Read list. Mark only one.

Almost every day throughout
   the year .... 4○ ⎫
Almost every day throughout   ⎬ Go to C6
   some part of the year .... 5○ ⎪
Frequently .... 6○ ⎭
Occasionally .... 7○
Seldom/never .... 8○

C5 Why doesn't ... use this special bus or van service more often?

INTERVIEWER: Do not read list. Mark all that apply.

Service not needed more often .... 1○
Not eligible for this service .... 2○
On the waiting list for service .... 3○
Service too expensive .... 4○
Impractical scheduling for ...'s needs 5○
Area covered by service not large
   enough .... 6○
Other .... 7○

C6 Is local public transportation available in your area, for example, bus, rapid transit, subway, metro? Do not include school buses.

Yes 8○   No 9○ ──➤ Go to C10

C7 How often does ... use the local pub service?

INTERVIEWER: Read list. Mar

Almost every day throughout the
   year ....
Almost every day throughout some
   part of the year ....
Frequently ....
Occasionally ....
Seldom/never ....

C8 Does ... have any trouble using transportation service, because of or health problem?

Yes 6○   No   7

            Don't know/   8
            not applicable

C9 What kind of trouble does ... have?

INTERVIEWER: Do not read list.
            apply.

Getting to the stop ....
Waiting at the stop ....
Getting on and off ....
Insufficient space to sit or stand in
   the vehicle ....
Standing in the vehicle while it is
   moving ....
Obtaining information about time-
   tables, schedules and routes ......
Staff unsupportive ....
Other ....

C10 Is there a taxi service in your area?

Yes 1○   No 2○   —

C11 How often does ... use the taxi servi

Almost every day throughout the
   year ....
Almost every day throughout some
   part of the year ....
Frequently ....
Occasionally ....
Seldom/never ....

C12 Is this because of his/her condi problem?

Yes 8○   No 9○

I would like to ask you about the means of transportation that ... uses for long-distance travel. By this I mean transportation that he/she uses for any trips of 50 miles (80 km.) or more.

Is he/she prevented from taking any long-distance trips because of his/her condition or health problem?

Yes 3○ ——→

No 4○

	C14	Is this because long distance transportation services are not suitable for ...'s condition?
		Yes 5○ →Go to C20
		No 6○ →Go to Section D

Because of ...'s condition does he/she have trouble using an airplane, bus or train as a means of long-distance travel?

Yes 7○   No   8○ ⎫
                                  ⎬ Go to C19
          Don't know 9○ ⎭

Does ... have trouble travelling by:

	Yes	No	Don't know
airplane?	1○	2○	3○
bus?	4○	5○	6○
train?	7○	8○	9○

What kind of trouble does ... have?

INTERVIEWER: Do not read list. Mark all that apply.

Lack of appropriate transportation
  to and from terminal .... 01○
Moving around the terminal .... 02○
Boarding or disembarking .... 03○
Hearing announcements .... 04○
Seating on board .... 05○
Seeing signs or notices .... 06○
Washroom facilities .... 07○
Staff unsupportive .... 08○
Transporting wheelchair or other
  special aids .... 09○
Carrier rules and regulations .... 10○
Flight/ride aggravates condition ...... 11○
Other .... 12○

Do these problems limit the amount of long distance travel that ... does?

Yes 1○   No 2○

C19   How many long distance trips has ... taken between **April 1 and June 30, 1986** by:
(If none, enter 00)

airplane?   ☐☐ ⎫
bus?   ☐☐ ⎬ Go to Section D
train?   ☐☐ ⎪
car, small truck
or van?   ☐☐ ⎭

C20   What kind of trouble does ... have using an airplane, bus or train as a means of long distance travel?

INTERVIEWER: Do not read list. Mark all that apply.

Lack of appropriate transportation
  to and from terminal .... 01○
Moving around the terminal .... 02○
Boarding or disembarking .... 03○
Hearing announcements .... 04○
Seating on board .... 05○
Seeing signs or notices .... 06○
Washroom facilities .... 07○
Staff unsupportive .... 08○
Transporting wheelchair or other
  special aids .... 09○
Carrier rules and regulations........... 10○
Flight/ride aggravates condition .... 11○
Other .... 12○
None .... 13○

GO TO SECTION D

D1 Because of his/her condition, does ... use any special features to enter or leave his/her present residence, such as access ramps or a street level entrance?

Yes 1○   No 2○   → Go to D3

D2 Which special features does he/she use?

> INTERVIEWER: Read list. Mark all that apply.

Access ramps .... 1○

Widened doorways .... 2○

A street level entrance .... 3○

An entrance that opens
automatically .... 4○

An elevator or lift device .... 5○

Accessible parking .... 6○

Some other architectural feature ...... 7○

D3 Does ... need any special features to enter or leave his/her present residence, which he/she does not already have?

Yes 3○   No 4○   → Go to D5

D4 Which special features does he/she need but does not have?

> INTERVIEWER: Do not read list. Mark all that apply.

Access ramps .... 1○

Widened doorways .... 2○

Street level entrance .... 3○

Entrance which opens
automatically .... 4○

Elevator or lift device .... 5○

Accessible parking .... 6○

Some other architectural feature ...... 7○

D5 Because of his/her condition, does ... use any special features, such as hand rails, to move about inside his/her residence.

Yes 5○   No 6○   → Go to D7

D6 Which special features does he/she use?

> INTERVIEWER: Read list. Mark all that apply.

Hand rails (including bathroom) .... 1○

Elevator or lift device .... 2○

Widened doorways or hallways .... 3○

Doors which open automatically ..... 4○

Some other feature .... 5○

D7 Does ... need any special features to get around inside his/her residence which he/she does not already have?

Yes 7○   No 8○   → Go to D9

D8 Which special features does he/she have?

> INTERVIEWER: Do not read list.
> apply.

Hand rails (including bathroom) ....

Elevator or lift device ....

Widened doorways or hallways .....

Doors which open automatically ...

Some other special feature ....

D9 In his/her residence, does ... have any of the following fixtures?

	Difficulty	No diffici
Bathroom tub	13○	14○
toilet	16○	17○
basin ...	19○	20○

D10 Were any of the following fixtures m

	Yes
Bathroom tub	05○
toilet	07○
basin	09○

D11 In the past 12 months, have you ev rental accommodation because of ...'

Yes 7○   No 8○

D12 If you were denied accommodation s condition or health problem, would to find information about your rights

Yes 3○   No 4○

> **GO TO SECTION E**

SECTION E – PHYSICAL ACTIVITIES

Because of his/her condition, does ... take any prescription or non-prescription drugs or medication on a regular basis, in other words, at least once a week?

Yes 8○ →

No 9○

E2 How many different kinds of prescription drugs or medication is ... now using **each day**?

☐☐ (if none, enter 00)

E3 How many different kinds of non-prescription drugs or medication is ... now using **each week**?

☐☐ (if none, enter 00)

INTERVIEWER CHECK ITEM:

Copy date of birth from the front page.

☐☐ ☐☐ ☐1☐9☐☐
Day   Month   Year

If date of birth is
after **June 3rd, 1976,**

then .... 1○ → Go to Section F

Otherwise .... 2○ → Go to E5

E5 Now I would like to ask you some questions about physical activity, sports or exercise done during ...'s leisure time, for example, going for a walk, bicycling, swimming or baseball.

Because of ...'s condition or health problem, is he/she prevented from taking part in some physical activity during leisure time?

Yes 3○ → Go to Section F

No 4○

E6 What stops ... from doing more physical activity? Select at most three reasons.

| INTERVIEWER: Show "Q" Card. |

Feels self-conscious, ill at ease .... 1○

Lack of nearby facilities or
   programs .... 2○

Facilities, equipment or programs
   not adapted to ...'s needs .... 3○

Inadequate transportation .... 4○

Physically unable to do more .... 5○

Cost too high .... 6○

Not interested in doing more .... 7○

Other .... 8○

SECTION F – ECONOMIC CHARACTERISTICS

People sometimes have extra "OUT-OF-POCKET" expenses as a result of their child's condition or health problem. In 1985, did you have any extra expenses for ...'s medical services, drugs, education, transportation, accommodation, special equipment or clothing, personal services, etc., for which the family was NOT completely reimbursed by any insurance or government program?

Yes 1○   No 2○ ——→ **END OF INTERVIEW.**
                                  Complete Front Cover.

For each of the following items, we would like your best estimate of these extra "OUT-OF-POCKET" expenses due to ...'s condition, for the year 1985.

                                                              Amount

Prescription and non-prescription drugs .... None 1○   or $ ☐.00

Purchase and maintenance of special clothing, aids, medical supplies and equipment, for home, school, travel etc. .... None 2○   or $ ☐.00

Health and medical services not covered by any insurance plan, for example, additional hospital or physician fees. .... None 3○   or $ ☐.00

Out-of-pocket expenses for modifications to your residence because of ...'s condition .... None 4○   or $ ☐.00

Extra or special tuition or residence fees... None 5○   or $ ☐.00

Transportation, for example, travel to and from treatment, therapy or other medical or rehabilitation services; or extra expenses due to the need for more costly transportation .... None 6○   or $ ☐.00

Personal services, for example, attendant, special babysitter, home care .... None 7○ $ ☐.00

Other .... None 8○   or $ ☐.00
   (specify) _____

| **END OF INTERVIEW.**
Complete Front Cover. |

HEALTH AND ACTIVITY LIMITATION SURVEY

SECTION A – SCREEN

Best description of child's condition:

THE CONDITION:

1. existed AT BIRTH

2. is a DISEASE or illness

3. was CAUSED BY A DISEASE or illness (including its treatment)

4. was caused by an ACCIDENT

5. other cause

6. don't know

QUESTION E 6

E6 Reasons for not doing more physical activity:
(Name at most three reasons)

1. Feels self-conscious, ill at ease

2. Lack of nearby facilities or programs

3. Facilities, equipment or programs not adapted to child's needs

4. Inadequate transportation

5. Physically unable to do more

6. Cost too high

7. Not interested in doing more

8. Other

8-2000

APPENDIX B

Weighting Procedures for
the Health and Activity Limitation Survey

Weighting Procedures for the Health and Activity Limitation Survey

1. Background

In any probability sample survey, every individual can be considered as representative of a certain number of people in the sampled population.

The microdata file created for children in households from the Health and Activity Limitation Survey (HALS) contains a record for each individual who participated in the survey. Each record contains the demographic characteristics of the individual, and if he/she is disabled, information on the nature and severity of his/her disability and the barriers that he/she faces in everyday living.

Instead of reproducing the records according to the number of individuals that each record represents in the population, a weight is attached to each record. This weight represents the number of times the records should be reproduced in order to establish population estimates. For example, if one wanted to estimate the number of disabled persons in Canada, one would sum the weights for those records on the file that represent disabled individuals. The sum of the weights equals the estimate of the number of disabled persons.

2. Value of the weight

The value of the weight depends on many factors. For a simple random sample, where each individual has the same probability of being chosen, each individual has the same weight. For example, if the size of the population is 1000 and the random sample taken from it is 50, each individual record would have a weight of 20, (1000/50). In this case, any proportion calculated without using the weights would be the same as the one that would be obtained by using the weights.

However, in practice, most sample designs are much more complex than the simple random sample. Furthermore, different weight adjustments are made to correct the non-response and to insure the representativeness of the sample in relation to certain characteristics. For these reasons, the weights can vary considerably between individuals, and for every analysis based on these samples, the weight must be used.

The HALS weight is comprised of two components - the weight from the 1986 Census of Population and the inflation factor from the HALS sample design and adjustments.

HALS is a post-censal survey, and it used the 1986 Census question on disability to identify the sample of individuals to be included in the survey. The following description provides an overview of the methods used to calculate the Census weight.

3. Census weight calculations

The Census collects from each Canadian certain demographic data such as age, sex, marital status, language, etc. These questions make up the "short" (2A) questionnaire. In addition, approximately 1 person out of 5 were asked to complete additional questions on such topics as education and income. In the 1986 Census, a question on disability and handicaps was added to this "long" questionnaire (2B).

The initial weight given to the long questionnaire respondents is five (5). This weight is then adjusted in order that the estimates based on the sample correspond to certain available characteristics of that population. The methods most often used for adjusting this weight is the raking ratio estimation procedure. It insures that the Census tabulations on age, sex and marital status are the same within a geographic area whether they were based on the 2A data or on the sample data (using the weights) from the 2B questionnaire. This procedure also corrects for any non-response.

The geographic areas for which this correspondence must be insured are called weighting areas. In these areas, there are between 2000 and 7000 people living in households belonging to the enumeration areas where the long questionnaire is distributed on a sampling basis. These areas correspond usually to the Census geography structure (Federal Electoral Districts, Census Divisions, etc.). There is a total of 5,347 defined weighting areas.

For each area, a matrix is defined for which the marginal distributions are the known distributions of the selected Census variables. The individual weights contained in the matrix cells are then successively adjusted to insure that their total adjusts to the line total and then the column total and so on. This iteration is stopped when the weighted totals are close enough to the available Census totals.

For more information on Census weighting, consult Rakhra, M. (1986) **1986 Weighting Characteristics Requirement,** working document, Statistics Canada or Daoust, P. (1989) **Evaluation of Weighting for the 1986 Census of Population,** working document, Statistics Canada.

4. HALS weight calculations

The main objective in weighting HALS, as for the Census sample, is to ensure that the totals based on the weighted records correspond to the totals based on the Census for the demographic variables contained in the short questionnaire.

However, the weighting areas for HALS were not the same as those used in the Census. HALS weighting areas were geographically based on the needs expressed by users, which resulted in 200 subprovincial areas in Canada. In addition, contrary to the Census, the definition of the weights for HALS included non-geographic variables such as age group (children, adults, elderly).

The same iteration method as was used in developing the Census weight was applied to each of the weighting areas. The resulting inflation factor applied to the Census weight is the weight which appears on each record in the microdata file.

To obtain more information on the weighting of HALS, consult Théberge, A. (1987) **Weighting for the Health and Activity Limitation Survey**, Working Document, Statistics Canada.

APPENDIX C

General Guidelines for using the Microdata file

1. Types of Records on the Microdata File

There are two types of records on the microdata file for children in households - records for individuals who are **disabled** and records for individuals who are **not disabled.** The Field Name which identifies the type of record is "Disabled".

Disabled person records (i.e. Disabled = 1) contain data from the HALS questionnaires (Forms 03 and 05) and from the 1986 Census of Population.

Non-disabled person records (i.e. Disabled = 0) contain data from the 1986 Census of Population plus Section A from the HALS questionnaires (Forms 03 and 05). Because these individuals were not disabled, they did not answer Sections B through F on the HALS questionnaire. However, because most statistical packages will not accept blanks as valid values, these non-disabled records were passed through the HALS editing system, and "Not Asked" and "Blank" values were assigned (see Point 4 below).

Users must specify the population of interest when tabulating from the microdata file, using the Field "Disabled".

2. Field Names

The microdata file contains data from the Health and Activity Limitation Survey and from the 1986 Census of Population.

The fields on the microdata file from the HALS questionnaire have been named according to their question number on the questionnaire.

Example 1 - Question 8 in Section A of the questionnaire is "Does ... have hearing trouble?". The Field Name for this question on the microdata file is A8. The "A" in the Field Name represents the Section on the questionnaire; the "8" in the Field Name represents the question number within the Section.

Example 2 - Question 6d in Section A of the questionnaire is "Is ... able to recognize a hand in front of his/her eyes and count the number of fingers being shown?". The Field Name for this question on the microdata file is A6D. The "A" in the Field Name represents the Section on the questionnaire; the "6" in the Field Name represents the question number within the Section; and the D represents the "d" part of the Question 6.

3. Missing Questions

Not all questions on the questionnaire appear in the microdata file. If users are interested in the data from a particular question which does not appear on the file, they should contact the Disability Database Program.

4. Coding Structure in the Microdata File

The coding structure of the microdata file has been standardized across all questions for ease of use.

In addition to standardizing codes, e.g. - making all "Yes" responses equal 1 and "No" responses equal 2, the edit system also assigned numeric values to questions that were not asked because of the skip pattern on the questionnaire (Blank value); were missed but should have been asked (Not Stated value); and were not asked because the question or category was excluded from the Form 05 and the microdata file record layout follows the Form 03 questionnaire (Not Asked value).

The following provides a description of these three codes with examples:

One-digit fields

Value = 8   Description = Not Asked

> This code appears on records that are based on the Form 05. It indicates that (1) the question was not included on the Form 05, or (2) the category was not included in the question on the Form 05.
>
> Example: Question A10D was not included on the Form 05. Therefore, on records that were based on Form 05 responses, the edit system assigned a value of 8 to Field A10D.

Value = 9   Description = Not Stated

> This code appears if the question should have been answered but was not.
>
> Example: if the response to Question B1 was "Yes" and Question B2 was left blank, the edit system assigned a value of 9 to B2.

Value = 0   Description = Blank

> This code appears if the question should not have been answered because of a skip pattern on the questionnaire.
>
> Example: If the response to Question C13 was "No", then the edit system assigned a value of 0 to Field C14.

This code also appears if the question should have been answered but was not because the preceding question had been missed.

Example: If Question 10 was missed, the edit system assigned a value of 9 to Field A10 and a value of 0 to Field A10C.

Two-digit fields

Value = 97   Description = Blank

This code appears if the question should not have been answered because of a skip pattern on the questionnaire.

Example: If the response to Question B14 was "No", then the edit system assigned a value of 97 to Field B15.

This code also appears if the question should have been answered but was not because a preceding question had been missed.

Example: If Question A3 was missed, the edit system assigned a value of 9 to Field A3 and a value of 97 to Field A3A.

Value = 98   Description = Not Asked

This code appears on records that are based on the Form 05. It indicates that the question was not included on the Form 05.

Example: On Form 05, Question B9 did not appear but it was included on the Form 03. Therefore, on records that were based on Form 05 responses, the edit system assigned a value of 98 to Field B9.

Value = 99   Description = Not Stated

This code appears if the question should have been answered but was not.

Example: if the response to Question E1 was "Yes" and Question E2 was left blank, the edit system assigned a value of 99 to E2.

Please note: If the date of birth indicated in Question A7 is after June 3, 1981 (i.e. the child is less than 5 years old), the interview ends after Question A9B. All subsequent fields (A10 through the end of the questionnaire) are assigned the code for Blank.

APPENDIX D

Record Layout

```
TITLE: 'HEALTH AND ACTIVITY LIMITATION SURVEY 1986'
SUBTITLE: 'HOUSEHOLD CHILDREN'
SET LENGTH=NONE WIDTH=80.
FILE HANDLE HALS86/ NAME='hmdf86.children'  /LRECL=227.
DATA LIST FILE=HALS86 /
  ID              0001-0005
  REGION          0006-0006
  A1A             0007-0007
  A1B             0008-0008
  A1C             0009-0009
  A1D             0010-0010
  A1E             0011-0011
  A1F             0012-0012
  A1G             0013-0013
  A2              0014-0014
  A3              0015-0015
  A3A             0016-0017
  A3B             0018-0019
  A3C             0020-0020
  A4              0021-0021
  A4A             0022-0023
  A4B             0024-0024
  A5A             0025-0025
  A5B             0026-0026
  A5C             0027-0027
  A5D             0028-0028
  A5E             0029-0029
  A5F             0030-0030
  A5G             0031-0031
  A5H             0032-0032
  A5I             0033-0033
  A5J             0034-0034
  A5K             0035-0035
  A5L             0036-0036
  A5M             0037-0037
  A5N             0038-0038
  A5O             0039-0039
  A5P             0040-0040
  A5Q             0041-0041
  A5R             0042-0042
  A6              0043-0043
  A6A             0044-0045
  A6B             0046-0046
  A6D             0047-0047
  A7              0048-0048
  A8              0049-0049
  A8B             0050-0050
  A9              0051-0051
```

A9B	0052-0052
A10	0053-0053
A10A	0054-0055
A10B	0056-0056
A10C	0057-0057
A10D1	0058-0058
A10D2	0059-0059
A10D3	0060-0060
A11	0061-0061
A11A	0062-0063
A11B	0064-0064
A11CI	0065-0065
A11CII	0066-0066
A11CIII	0067-0067
A12	0068-0068
A12A	0069-0070
A12B	0071-0072
A13	0073-0073
A13B	0074-0074
A14	0075-0075
B1	0076-0076
B2	0077-0077
B3	0078-0078
B4	0079-0079
B5	0080-0080
B6	0081-0081
B7	0082-0082
B8A	0083-0083
B8B	0084-0084
B8C	0085-0085
B8D	0086-0086
B9	0087-0088
B10	0089-0090
B11	0090-0090
B12	0091-0091
B13	0092-0092
B14	0093-0093
B15	0094-0094
C1	0095-0095
C2	0096-0096
C3	0097-0097
C4	0098-0098
C5A	0099-0099
C5B	0100-0100
C6	0101-0101
C7	0102-0102
C8	0103-0103
C9A	0104-0104

C9B	0105-0105
C9C	0106-0106
C9D	0107-0107
C9E	0108-0108
C9F	0109-0109
C9G	0110-0110
C9H	0111-0111
C10	0112-0112
C11	0113-0113
C12	0114-0114
C13	0115-0115
C14	0116-0116
C15	0117-0117
C16A	0118-0118
C16B	0119-0119
C16C	0120-0120
C17A	0121-0121
C17B	0122-0122
C17C	0123-0123
C17D	0124-0124
C17E	0125-0125
C17F	0126-0126
C17G	0127-0127
C17H	0128-0128
C17I	0129-0129
C17J	0130-0130
C17K	0131-0131
C17L	0132-0132
C18	0133-0133
C19A	0134-0135
C19B	0136-0137
C19C	0138-0139
C19D	0140-0141
C20A	0142-0142
C20B	0143-0143
C20C	0144-0144
C20D	0145-0145
C20E	0146-0146
C20F	0147-0147
C20G	0148-0148
C20H	0149-0149
C20I	0150-0150
C20J	0151-0151
C20K	0152-0152
C20L	0153-0153
D1	0154-0154
D2A	0155-0155
D2B	0156-0156

D2C	0157-0157
D2D	0158-0158
D2E	0159-0159
D2F	0160-0160
D3	0161-0161
D4A	0162-0162
D4B	0163-0163
D4C	0164-0164
D4D	0165-0165
D4E	0166-0166
D4F	0167-0167
D5	0168-0168
D6A	0169-0169
D6B	0170-0170
D7	0171-0171
D8A	0172-0172
D8B	0173-0173
D8C	0174-0174
D8D	0175-0175
D8E	0176-0176
D9A	0177-0177
D9B	0178-0178
D9C	0179-0179
D10A	0180-0180
D10B	0181-0181
D10C	0182-0182
D12	0183-0183
E1	0184-0184
E2	0185-0186
E3	0187-0188
F1	0189-0189
F2A	0190-0190
F2B	0191-0191
F2C	0192-0192
F2D	0193-0193
F2E	0194-0194
F2F	0195-0195
F2G	0196-0196
F2H	0197-0197
F2TOTAL	0198-0198
AGE	0199-0200
CFAMSIZE	0201-0201
DISABLED	0202-0202
EFAMSIZE	0203-0203
ETHORIG	0204-0204
SEVERITY	0205-0205
SEX	0206-0206
WT	0207-0215

```
BUILT        0216-0216
CFAMST       0217-0217
CFINC        0218-0219
DTYPE        0220-0220
EFINC        0221-0222
EFAMST       0223-0223
MOB5         0224-0224
ROOMS        0225-0225
RUINDFG      0226-0226
UNITS        0227-0227.
```

VARIABLE LABELS

ID	'Record identification number'
REGION	'Region of residence'
A1A	'Wheelchair'
A1B	'Crutches or other walking aids'
A1C	'Medically prescribed footwear'
A1D	'Artificial leg, arm, hand or foot'
A1E	'Hearing aid'
A1F	'Vision aid other than glasses or contact lenses'
A1G	'Any kind of brace other than for teeth'
A2	'Does...use any other kind of aid'
A3	'Does...have long term condition/limits activity'
A3A	'Duration of disability'
A3B	'Main condition or health problem'
A3C	'Which of these best describes this condition'
A4	'Does...attend special school or classes/condition'
A4A	'Main condition or health problem'
A4B	'Which of these best describes this condition'
A5A	'Allergies of any kind'
A5B	'Asthma'
A5C	'Bronchitis'
A5D	'Other lung condition or disease'
A5E	'Heart condition or disease'
A5F	'Kidney condition or disease'
A5G	'Cancer'
A5H	'Diabetes'
A5I	'Epilepsy'
A5J	'Cerebral palsy'
A5K	'Cystic fibrosis'
A5L	'Muscular dystrophy'
A5M	'Paralysis of any kind'
A5N	'Arthritis or rheumatism - serious'
A5O	'High blood pressure'
A5P	'Mental handicap'
A5Q	'Learning disability'
A5R	'Missing arms, legs, fingers or toes'
A6	'Does...have vision trouble not corrected- glasses'

A6A	'Main condition or health problem'
A6B	'Which of these best describes this condition'
A6D	'Is...able to recognize a hand and count fingers'
A7	'Date of birth after June 3, 1981'
A8	'Does...have hearing trouble'
A8B	'Which of these best describes this condition'
A9	'Does..have long term cond. not mentioned before'
A9B	'Which of these best describes this condition'
A10	'Does...have hearing trouble'
A10A	'Main condition or health problem'
A10B	'Which of these best describes this condition'
A10C	'Is...able to hear telephone conversation with aid'
A10D1	'Use sign language'
A10D2	'Lip read'
A10D3	'Neither of the above'
A11	'Does...have trouble speaking and being understood'
A11A	'Main condition or health problem'
A11B	'Which of these best describes this condition'
A11CI	'Members of family'
A11CII	'Friends'
A11CIII	'Other people'
A12	'Does...have long-term emotional problem'
A12A	'Duration of disability'
A12B	'Main condition or health problem'
A13	'Does...have long term cond. not mentioned before'
A13B	'Which of these best describes this condition'
A14	'Yes to screening questions'
B1	'Does...require special education due to condition'
B2	'Is special education available thru regular school'
B3	'Was...going to school or tutored in April 1986'
B4	'Did...ever go to school before April 1986'
B5	'Was not going to school because of condition'
B6	'What type of school was...attending'
B7	'In reg. school what type classes was...attending'
B8A	'Physical therapy or communication therapy'
B8B	'Daily living skills'
B8C	'Academic subjects'
B8D	'Trade or vocational'
B9	'What grade was...enrolled in April 1986'
B10	'What was...s principal means of trans. to school'
B11	'Did...ever attend special school before April 1986'
B12	'Did...begin first year later than most children'
B13	'Was...s schooling ever interrupted - long periods'
B14	'Did it take...longer to achieve present level'
B15	'How much longer'
C1	'Is...housebound'
C2	'Does...need special bus or van service'
C3	'Is this special bus service available in your area'

C4	'How often does...use this service'
C5A	'Service not needed more often'
C5B	'Other'
C6	'Is local transportation available in your area'
C7	'How often does...use the local transportation'
C8	'Does...have trouble using local transportation'
C9A	'Getting to the stop'
C9B	'Waiting at the stop'
C9C	'Getting on and off'
C9D	'Insufficient space to sit or stand in vehicle'
C9E	'Standing in vehicle while moving'
C9F	'Obtaining information about schedules'
C9G	'Staff unsupportive'
C9H	'Other'
C10	'Is there a taxi service available in your area'
C11	'How often does...use the taxi service'
C12	'Is this because of...s condition/health problem'
C13	'Is...prevented from travelling long distance'
C14	'Long distance trans. not suitable for condition'
C15	'Does...have trouble using an airplane/bus/train'
C16A	'Airplane'
C16B	'Bus'
C16C	'Train'
C17A	'Lack of appropriate transportation to / from'
C17B	'Moving around the terminal'
C17C	'Boarding or disembarking'
C17D	'Hearing announcements'
C17E	'Seating on board'
C17F	'Seeing signs or notices'
C17G	'Washroom facilities'
C17H	'Staff unsupportive'
C17I	'Transportation of wheelchair or other aids'
C17J	'Carrier rules and regulations'
C17K	'Flight/ride aggravates condition'
C17L	'Other'
C18	'Problems limit amount of long distance travel'
C19A	'Airplane'
C19B	'Bus'
C19C	'Train'
C19D	'Car, small truck or van'
C20A	'Lack of appropriate transportation to / from'
C20B	'Moving around the terminal'
C20C	'Boarding or disembarking'
C20D	'Hearing announcements'
C20E	'Seating on board'
C20F	'Seeing signs or notices'
C20G	'Washroom facilities'
C20H	'Staff unsupportive'

C20I	'Transportation of wheelchair or other aids'
C20J	'Flight/ride aggravates condition'
C20K	'Other'
C20L	'None'
D1	'Does...use special features enter/leave residence'
D2A	'Access ramps'
D2B	'Widened doorways'
D2C	'A street level entrance'
D2D	'An elevator or lift device'
D2E	'Accessible parking'
D2F	'Some other architectural feature'
D3	'Does...need special features enter/leave residence'
D4A	'Access ramps'
D4B	'Widened doorways'
D4C	'A street level entrance'
D4D	'An entrance that opens automatically'
D4E	'An elevator or lift device'
D4F	'Some other architectural feature'
D5	'Does...use any special features to move in. res.'
D6A	'Hand rails'
D6B	'Some other feature'
D7	'Does...need special features to move inside res.'
D8A	'Hand rails'
D8B	'Elevator or lift device'
D8C	'Widened doorways or hallways'
D8D	'Doors that open automatically'
D8E	'Some other feature'
D9A	'Bathroom tub'
D9B	'Toilet'
D9C	'Basin'
D10A	'Bathroom tub'
D10B	'Toilet'
D10C	'Basin'
D12	'Would you know where to find info. about rights'
E1	'Does...take any medication on a regular basis'
E2	'How many kinds of different prescr. drugs each day'
E3	'How many kinds of different prescr. drugs ea. week'
F1	'Does...have out-of-pocket expenses not reimb.,1985'
F2A	'Prescription and non-prescription drugs'
F2B	'Special clothing, aids, medical supplies'
F2C	'Health and medical services'
F2D	'Modification to residence'
F2E	'Extra or special tuition'
F2F	'Transportation'
F2G	'Personal services'
F2H	'Other'
F2TOTAL	'Amount total'
AGE	'Age'

```
CFAMSIZE       'Census family size'
DISABLED       'Screening criteria'
EFAMSIZE       'Economic family size'
ETHORIG        'Ethnic origin'
SEVERITY       'Severity index'
SEX            'Sex'
WT             'Weight for tabulations'
BUILT          'Period dwelling constructed'
CFAMST         'Census family status'
CFINC          'Census family total income  1985'
DTYPE          'Type of dwelling'
EFINC          'Economic family total income  1985'
EFAMST         'Economic family status'
MOB5           'Mobility status - Residence 5 years ago'
ROOMS          'Number of rooms'
RUINDFG        'Rural or Urban'
UNITS          'Number of persons in each household'.

VALUE LABELS
 ID
 /REGION
 1             'East'
 2             'Quebec'
 3             'Ontario'
 4             'West (incl. Yukon and NWT)'
 /A1A
 1             'Yes'
 2             'No'
 9             'Not stated'
 /A1B
 1             'Yes'
 2             'No'
 9             'Not stated'
 /A1C
 1             'Yes'
 2             'No'
 9             'Not stated'
 /A1D
 1             'Yes'
 2             'No'
 9             'Not stated'
 /A1E
 1             'Yes'
 2             'No'
 9             'Not stated'
 /A1F
 1             'Yes'
 2             'No'
```

```
9              'Not stated'
/A1G
1              'Yes'
2              'No'
9              'Not stated'
/A2
1              'Yes'
2              'No'
9              'Not stated'
/A3
1              'Yes'
2              'No'
9              'Not stated'
/A3A
00             'Less than 1 year'
01             '1 year'
02             '2 years'
03             '3 years'
04             '4 years'
05             '5 years'
06             '6 years'
07             '7 years'
08             '8 years'
09             '9 years'
10             '10 years'
11             '11 years'
12             '12 years'
13             '13 years'
14             '14 years'
99             'Not stated'
/A3B
01             'ICD9 = 493'
02             'ICD9 = 343'
03             'ICD9 = 389'
04             'ICD9 = 758'
05             'ICD9 = 319.0'
06             'ICD9 = 315.2 - 315.9'
07             'ICD9 = 345'
08             'ICD9 = 741'
09             'ICD9 = VK01-06'
10             'ICD9 = 746'
11             'ICD9 = 429'
12             'ICD9 = VA00, VA14-19'
13             'ICD9 = 250'
14             'ICD9 = 348'
15             'ICD9 = 783'
16             'ICD9 = 784'
17             'ICD9 = 759'
```

```
18              'ICD9 = 299'
19              'ICD9 = 359'
20              'ICD9 = VT01-06, VU01-06'
21              'ICD9 = 277'
22              'ICD9 = VP00, VP15-19'
23              'ICD9 = VK13'
24              'ICD9 = 331'
25              'ICD9 = 369'
26              'ICD9 = 742'
27              'All other ICD9'
99              'Not stated'
/A3C
1               'Existed at birth'
2               'Disease or illness'
3               'Caused by an accident'
4               'Other cause'
5               'don t know'
9               'Not stated'
/A4
1               'Yes'
2               'No'
9               'Not stated'
/A4A
01              'ICD9 = 315.1 - 315.9'
02              'ICD9 = 319.0'
03              'ICD9 = 389'
04              'ICD9 = 343'
05              'ICD9 = 758'
06              'ICD9 = 784'
07              'ICD9 = 345'
08              'ICD9 = 783'
09              'ICD9 = 348'
10              'ICD9 = 299'
11              'ICD9 = 759'
12              'All other ICD9'
99              'Not stated'
/A4B
1               'Existed at birth'
2               'Disease or illness'
3               'Caused by an accident'
4               'Other cause'
5               'Don t know'
9               'Not stated'
/A5A
1               'Yes'
2               'No'
9               'Not stated'
/A5B
```

```
1              'Yes'
2              'No'
9              'Not stated'
/A5C
1              'Yes'
2              'No'
9              'Not stated'
/A5D
1              'Yes'
2              'No'
9              'Not stated'
/A5E
1              'Yes'
2              'No'
9              'Not stated'
/A5F
1              'Yes'
2              'No'
9              'Not stated'
/A5G
1              'Yes'
2              'No'
9              'Not stated'
/A5H
1              'Yes'
2              'No'
9              'Not stated'
/A5I
1              'Yes'
2              'No'
9              'Not stated'
/A5J
1              'Yes'
2              'No'
9              'Not stated'
/A5K
1              'Yes'
2              'No'
9              'Not stated'
/A5L
1              'Yes'
2              'No'
9              'Not stated'
/A5M
1              'Yes'
2              'No'
9              'Not stated'
/A5N
```

```
1              'Yes'
2              'No'
9              'Not stated'
/A5O
1              'Yes'
2              'No'
9              'Not stated'
/A5P
1              'Yes'
2              'No'
9              'Not stated'
/A5Q
1              'Yes'
2              'No'
9              'Not stated'
/A5R
1              'Yes'
2              'No'
9              'Not stated'
/A6
1              'Yes'
2              'No'
9              'Not stated'
/A6A
01             'ICD9 = 378'
02             'ICD9 = 369.0'
03             'ICD9 = 343'
04             'ICD9 = 368'
05             'ICD9 = 367'
06             'ICD9 = 369.6'
07             'ICD9 = V41.0'
08             'All other ICD9'
99             'Not stated'
/A6B
1              'Existed at birth'
2              'Disease or illness'
3              'Caused by an accident'
4              'Other cause'
5              'Don t know'
9              'Not stated'
/A6D
1              'Yes'
2              'No'
3              'Don t know/not applicable'
9              'Not stated'
/A7
1              'Yes'
2              'No'
```

```
/A8
1              'Yes'
2              'No'
9              'Not stated'
/A8B
1              'Existed at birth'
2              'Disease or illness'
3              'Caused by an accident'
4              'Other cause'
5              'Don t know'
9              'Not stated'
/A9
1              'Yes'
2              'No'
9              'Not stated'
/A9B
1              'Existed at birth'
2              'Disease or illness'
3              'Caused by an accident'
4              'Other cause'
5              'Don t know'
9              'Not stated'
/A10
1              'Yes'
2              'No'
9              'Not stated'
/A10A
01             'ICD9 = 389'
02             'ICD9 = V41.3'
03             'ICD9 = 382'
04             'ICD9 = V41.2'
05             'ICD9 = 388'
06             'All other ICD9'
99             'Not stated'
/A10B
1              'Existed at birth'
2              'Disease or illness'
3              'Caused by an accident'
4              'Other cause'
5              'Don t know'
9              'Not stated'
/A10C
1              'Yes'
2              'No'
3.             'Don t know'
9              'Not stated'
/A10D1
1              'Yes'
```

```
8                'Not asked'
9                'Not stated'
/A10D2
1                'Yes'
8                'Not asked'
9                'Not stated'
/A10D3
1                'Yes'
8                'Not asked'
9                'Not stated'
/A11
1                'Yes'
2                'Not asked'
9                'Not stated'
/A11A
01               'ICD9 = 319.0'
02               'ICD9 = 389'
03               'ICD9 = 343'
04               'ICD9 = 758'
05               'ICD9 = 315.1 - 315.9'
06               'ICD9 = 784'
07               'ICD9 = V40.1'
08               'ICD9 = 348'
09               'ICD9 = 299'
10               'ICD9 = 783'
11               'ICD9 = 345'
12               'All other ICD9'
99               'Not stated'
/A11B
1                'Existed at birth'
2                'Disease or illness'
3                'Caused by an accident'
4                'Other cause'
5                'Don t know'
9                'Not stated'
/A11CI
1                'Completely'
2                'Partially'
3                'Not at all'
9                'Not stated'
/A11CII
1                'Completely'
2                'Partially'
3                'Not at all'
9                'Not stated'
/A11CIII
1                'Completely'
2                'Partially'
```

```
3               'Not at all'
9               'Not stated'
/A12
1               'Yes'
2               'No'
9               'Not stated'
/A12A
01              '1 year or less'
02              '2 years'
03              '3 years'
04              '4 years'
05              '5 years'
06              '6 years'
07              '7 years'
08              '8 years'
09              '9 years'
10              '10 years'
11              '11 years'
12              '12 years'
13              '13 years'
14              '14 years'
99              'Not stated'
/A12B
01              'ICD9 = 319.0'
02              'ICD9 = 315.1 - 315.9'
03              'ICD9 = 758'
04              'ICD9 = 343'
05              'ICD9 = 299'
06              'ICD9 = 345'
07              'ICD9 = 348'
08              'ICD9 = 314'
09              'ICD9 = 783'
10              'ICD9 = 300'
11              'ICD9 = 493'
12              'All other ICD9'
99              'Not stated'
/A13
1               'Yes'
2               'No'
9               'Not stated'
/A13B
1               'Existed at birth'
2               'Disease or illness'
3               'Caused by an accident'
4               'Other cause'
5               'Don t know'
9               'Not stated'
/A14
```

```
0               'Not applicable'
1               'Yes'
2               'No'
/B1
1               'Yes'
2               'No'
9               'Not stated'
/B2
1               'Yes'
2               'No'
9               'Not stated'
/B3
1               'Yes'
2               'No'
9               'Not stated'
/B4
1               'Yes'
2               'No'
9               'Not stated'
/B5
1               'Yes'
2               'No'
9               'Not stated'
/B6
1               'A special school'
2               'A regular school'
3               'A reg. school/spec. classes'
9               'Not stated'
/B7
1               'Special classes only'
2               'Regular classes only'
3               'Special and regular classes'
9               'Not stated'
/B8A
1               'Yes'
8               'Not asked'
9               'Not stated'
/B8B
1               'Yes'
8               'Not asked'
9               'Not stated'
/B8C
1               'Yes'
8               'Not asked'
9               'Not stated'
/B8D
1               'Yes'
8               'Not asked'
```

```
9              'Not stated'
/B9
00             'Kindergarten'
01             'Grade 1'
02             'Grade 2'
03             'Grade 3'
04             'Grade 4'
05             'Grade 5'
06             'Grade 6'
07             'Grade 7'
08             'Grade 8'
09             'Grade 9 or 10'
96             'Non-graded'
98             'Not asked'
99             'Not stated'
/B10
1              'Private motor vehicle'
2              'Regular school bus'
3              'Regular bus/subway/streetcar'
4              'Spec. bus/van service/disabled'
5              'Taxi'
6              'Walked to school'
7              'Other'
8              'Not asked'
9              'Not stated'
/B11
1              'Yes'
2              'No'
9              'Not stated'
/B12
1              'Yes'
2              'No'
8              'Not asked'
9              'Not stated'
/B13
1              'Yes'
2              'No'
8              'Not asked'
9              'Not stated'
/B14
1              'Yes'
2              'No'
8              'Not asked'
9              'Not stated'
/B15
1              '1 year'
2              '2 years'
3              '3 years'
```

```
4                '4 years'
5                '5 years or more'
6                'Not able to estimate'
8                'Not asked'
9                'Not stated'
/C1
1                'Yes'
2                'No'
9                'Not stated'
/C2
1                'Yes'
2                'No'
3                'Don t know'
8                'Not asked'
9                'Not stated'
/C3
1                'Yes'
2                'No'
3                'Don t know'
8                'Not asked'
9                'Not stated'
/C4
1                'Frequently'
2                'Occasionally'
3                'Seldom/never'
8                'Not asked'
9                'Not stated'
/C5A
1                'Yes'
8                'Not asked'
9                'Not stated'
/C5B
1                'Yes'
8                'Not asked'
9                'Not stated'
/C6
1                'Yes'
2                'No'
8                'Not asked'
9                'Not stated'
/C7
1                'Frequently'
2                'Occasionally'
3                'Seldom/never'
8                'Not asked'
9                'Not stated'
/C8
1                'Yes'
```

```
2              'No'
3              'Don t know'
8              'Not asked'
9              'Not stated'
/C9A
1              'Yes'
8              'Not asked'
9              'Not stated'
/C9B
1              'Yes'
8              'Not asked'
9              'Not stated'
/C9C
1              'Yes'
8              'Not asked'
9              'Not stated'
/C9D
1              'Yes'
8              'Not asked'
9              'Not stated'
/C9E
1              'Yes'
8              'Not asked'
9              'Not stated'
/C9F
1              'Yes'
8              'Not asked'
9              'Not stated'
/C9G
1              'Yes'
8              'Not asked'
9              'Not stated'
/C9H
1              'Yes'
8              'Not asked'
9              'Not stated'
/C10
1              'Yes'
2              'NO'
8              'Not asked'
9              'Not stated'
/C11
1              'Frequently'
2              'Occasionally'
3              'Seldom/never'
8              'Not asked'
9              'Not stated'
/C12
```

```
1              'Yes'
2              'No'
8              'Not asked'
9              'Not stated'
/C13
1              'Yes'
2              'No'
9              'Not stated'
/C14
1              'Yes'
2              'No'
9              'Not stated'
/C15
1              'Yes'
2              'No'
3              'Don t know'
9              'Not stated'
/C16A
1              'Yes'
2              'No'
3              'Don t know'
9              'Not stated'
/C16B
1              'Yes'
2              'No'
3              'Don t know'
9              'Not stated'
/C16C
1              'Yes'
2              'No'
3              'Don t know'
9              'Not stated'
/C17A
1              'Yes'
9              'Not stated'
/C17B
1              'Yes'
9              'Not stated'
/C17C
1              'Yes'
9              'Not stated'
/C17D
1              'Yes'
9              'Not stated'
/C17E
1              'Yes'
9              'Not stated'
/C17F
```

```
1               'Yes'
9               'Not stated'
/C17G
1               'Yes'
9               'Not stated'
/C17H
1               'Yes'
9               'Not stated'
/C17I
1               'Yes'
9               'Not stated'
/C17J
1               'Yes'
9               'Not stated'
/C17K
1               'Yes'
9               'Not stated'
/C17L
1               'Yes'
9               'Not stated'
/C18
1               'Yes'
2               'No'
8               'Not asked'
9               'Not stated'
/C19A
00              'None'
01              '1 trip'
02              '2 trips'
03              '3 trips or more'
99              'Not stated'
/C19B
00              'None'
01              '1 trip'
02              '2 trips'
03              '3 trips'
04              '4 trips or more'
99              'Not stated'
/C19C
00              'None'
01              '1 trip'
02              '2 trips or more'
99              'Not stated'
/C19D
00              'None'
01              '1 trip'
02              '2 trips'
03              '3 trips'
```

```
04              '4 trips'
05              '5 trips'
06              '6 trips'
07              '7 to 9 trips'
08              '10 to 19 trips'
09              '20 trips or more'
99              'Not stated'
/C20A
1               'Yes'
9               'Not stated'
/C20B
1               'Yes'
9               'Not stated'
/C20C
1               'Yes'
9               'Not stated'
/C20D
1               'Yes'
9               'Not stated'
/C20E
1               'Yes'
9               'Not stated'
/C20F
1               'Yes'
9               'Not stated'
/C20G
1               'Yes'
9               'Not stated'
/C20H
1               'Yes'
9               'Not stated'
/C20I
1               'Yes'
9               'Not stated'
/C20J
1               'Yes'
9               'Not stated'
/C20K
1               'Yes'
9               'Not stated'
/C20L
1               'Yes'
9               'Not stated'
/D1
1               'Yes'
2               'No'
8               'Not asked'
9               'Not stated'
```

```
/D2A
1              'Yes'
8              'Not asked'
9              'Not stated'
/D2B
1              'Yes'
8              'Not asked'
9              'Not stated'
/D2C
1              'Yes'
8              'Not asked'
9              'Not stated'
/D2D
1              'Yes'
8              'Not asked'
9              'Not stated'
/D2E
1              'Yes'
8              'Not asked'
9              'Not stated'
/D2F
1              'Yes'
8              'Not asked'
9              'Not stated'
/D3
1              'Yes'
2              'No'
8              'Not asked'
9              'Not stated'
/D4A
1              'Yes'
8              'Not asked'
9              'Not stated'
/D4B
1              'Yes'
8              'Not asked'
9              'Not stated'
/D4C
1              'Yes'
8              'Not asked'
9              'Not stated'
/D4D
1              'Yes'
8              'Not asked'
9              'Not stated'
/D4E
1              'Yes'
8              'Not asked'
```

```
9              'Not stated'
/D4F
1              'Yes'
8              'Not asked'
9              'Not stated'
/D5
1              'Yes'
2              'No'
8              'Not asked'
9              'Not stated'
/D6A
1              'Yes'
8              'Not asked'
9              'Not stated'
/D6B
1              'Yes'
8              'Not asked'
9              'Not stated'
/D7
1              'Yes'
2              'No'
8              'Not asked'
9              'Not stated'
/D8A
1              'Yes'
8              'Not asked'
9              'Not stated'
/D8B
1              'Yes'
8              'Not asked'
9              'Not stated'
/D8C
1              'Yes'
8              'Not asked'
9              'Not stated'
/D8D
1              'Yes'
8              'Not asked'
9              'Not stated'
/D8E
1              'Yes'
8              'Not asked'
9              'Not stated'
/D9A
1              'Difficulty'
2              'No difficulty'
3              'Does not have this fixture'
8              'Not asked'
```

```
9              'Not stated'
/D9B
1              'Difficulty'
2              'No difficulty'
3              'Does not have this fixture'
8              'Not asked'
9              'Not stated'
/D9C
1              'Difficulty'
2              'No difficulty'
3              'Does not have this fixture'
8              'Not asked'
9              'Not stated'
/D10A
1              'Yes'
2              'No'
8              'Not asked'
9              'Not stated'
/D10B
1              'Yes'
2              'No'
8              'Not asked'
9              'Not stated'
/D10C
1              'Yes'
2              'No'
8              'Not asked'
9              'Not stated'
/D12
1              'Yes'
2              'No'
9              'Not stated'
/E1
1              'Yes'
2              'No'
9              'Not stated'
/E2
00             'None'
01             '1 kind'
02             '2 kinds'
03             '3 kinds'
04             '4 kinds'
05             '5 kinds'
06             '6 kinds or more'
99             'Not stated'
/E3
00             'None'
01             '1 kind'
```

```
02              '2 kinds'
03              '3 kinds or more'
99              'Not stated'
/F1
1               'Yes'
2               'No'
9               'Not stated'
/F2A
1               'Yes'
2               'None'
8               'Not asked'
9               'Not stated'
/F2B
1               'Yes'
2               'None'
8               'Not asked'
9               'Not stated'
/F2C
1               'Yes'
2               'None'
8               'Not asked'
9               'Not stated'
/F2D
1               'Yes'
2               'None'
8               'Not asked'
9               'Not stated'
/F2E
1               'Yes'
2               'None'
8               'Not asked'
9               'Not stated'
/F2F
1               'Yes'
2               'None'
8               'Not asked'
9               'Not stated'
/F2G
1               'Yes'
2               'None'
8               'Not asked'
9               'Not stated'
/F2H
1               'Yes'
2               'None'
8               'Not asked'
9               'Not stated'
/F2TOTAL
```

```
1               'No expenses reported'
2               '   $1 -   $499'
3               ' $500 - $999'
4               '$1,000 and over'
/AGE
00              'Less than one year'
01              ' 1 Year'
02              ' 2 Years'
03              ' 3 Years'
04              ' 4 Years'
05              ' 5 Years'
06              ' 6 Years'
07              ' 7 Years'
08              ' 8 Years'
09              ' 9 Years'
10              '10 Years'
11              '11 Years'
12              '12 Years'
13              '13 Years'
14              '14 Years'
/CFAMSIZE
1               '1 Person'
2               '2 Persons'
3               '3 Persons'
4               '4 Persons'
5               '5 Persons'
6               '6 Persons'
7               '7 Persons'
8               '8 Persons or more'
/DISABLED
0               'Not disabled'
1               'Disabled'
/EFAMSIZE
1               '1 Person'
2               '2 Persons'
3               '3 Persons'
4               '4 Persons'
5               '5 Persons'
6               '6 Persons'
7               '7 Persons'
8               '8 Persons or more'
/ETHORIG
1               'British'
2               'French'
3               'Other'
/SEVERITY
1               'Mild'
2               'Moderate'
```

```
3              'Severe'
/SEX
1              'Female'
2              'Male'
/WT
/BUILT
1              'Built in 1920 or before'
2              'Built during period 1921-1945'
3              'Built during period 1946-1960'
4              'Built during 1961-1970'
5              'Built during 1971-1975'
6              'Built during 1976-1980'
7              'Built during 1981-1985'
8              'Built in 1986'
9              'Not applicable'
/CFAMST
1              'Not applicable'
2              'Child in a census family'
3              'Not a member of census family'
/CFINC
01             'Less than $0'
02             '     $0'
03             '     $1 to  $4999'
04             ' $5000 to  $9999'
05             '$10000 to $14999'
06             '$15000 to $19999'
07             '$20000 to $24999'
08             '$25000 to $29999'
09             '$30000 to $34999'
10             '$35000 to $39999'
11             '$40000 to $49999'
12             '$50000 and over'
/DTYPE
1              'Aprtm. 5 storeys and more'
2              'Mob. home/other movable dwel.'
3              'Single-detached house'
4              'Other'
/EFINC
01             'Less than $0'
02             '     $0'
03             '     $1 to  $4999'
04             ' $5000 to  $9999'
05             '$10000 to $14999'
06             '$15000 to $19999'
07             '$20000 to $24999'
08             '$25000 to $29999'
09             '$30000 to $34999'
10             '$35000 to $39999'
```

```
11              '$40000 to $49999'
12              '$50000 and over'
/EFAMST
1               'Not applicable'
2               'Never married child'
3               'Economic family other member'
4               'Unattached individual'
/MOB5
1               'Not applicable'
2               'Different CSD'
3               'Outside Canada'
4               'Same CSD-different dwelling'
5               'Same dwelling'
/ROOMS
0               'Not applicable'
1               '1 to 4 rooms'
2               '5 to 7 rooms'
3               '8 rooms or more'
/RUINDFG
1               'Rural'
2               'Urban'
/UNITS
1               '2 to 5 persons'
2               '6 persons or more'.

MISSING VALUES
  /A1A A1B A1C A1D A1E A1F A1G A2 A3       (9)
  /A3A A3B   (99)
  /A3C A4      (9)
  /A4A       (99)
  /A4B        (9)
  /A5A  A5B  A5C A5D A5E A5F A5G A5H A5I A5J A5K A5L A5M A5N A5O A5
P     (9)
  /A5Q A5R  A6 (9)
  /A6A        (99)
  /A6B    A6D  (9)
  /A8         (9)
  /A8B        (9)
  /A9         (9)
  /A9B        (9)
  /A10        (9)
  /A10A       (99)
  /A10B         (9)
  /A10C         (9)
  /A10D1        (8,9)
  /A10D2        (8,9)
  /A10D3        (8,9)
  /A11          (9)
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```
/A11A           (9)
/A11B           (9)
/A11CI          (9)
/A11CII         (9)
/A11CIII        (9)
/A12            (9)
/A12A          (99)
/A12B            (99)
/A13            (9)
/A13B           (9)
/A14            (0)
/B1              (9)
/B2              (9)
/B3              (9)
/B4              (9)
/B5              (9)
/B6              (9)
/B7              (9)
/B8A            (8,9)
/B8B            (8,9)
/B8C            (8,9)
/B8D            (8,9)
/B9             (8,9)
/B10            (8,9)
/B11            (9)
/B12             (8,9)
/B13             (8,9)
/B14             (8,9)
/B15             (8,9)
/C1              (9)
/C2               (8,9)
/C3               (8,9)
/C4               (8,9)
/C5A              (8,9)
/C5B              (8,9)
/C6               (8,9)
/C7               (8,9)
/C8               (8,9)
/C9A              (8,9)
/C9B              (8,9)
/C9C              (8,9)
/C9D              (8,9)
/C9E              (8,9)
/C9F              (8,9)
/C9G              (8,9)
/C9H              (8,9)
/C10              (8,9)
/C11              (8,9)
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/C12                        (8,9)
/C13                        (9)
/C14                         (9)
/C15                          (9)
/C16A            (9)
/C16B            (9)
/C16C           (9)
/C17A            (9)
/C17B              (9)
/C17C              (9)
/C17D              (9)
/C17E              (9)
/C17F              (9)
/C17G              (9)
/C17H              (9)
/C17I              (9)
/C17J              (9)
/C17K              (9)
/C17L              (9)
/C18              (8,9)
/C19A                (9)
/C19B                (9)
/C19C                (9)
/C19D                (9)
/C20A                (9)
/C20B                (9)
/C20C                (9)
/C20D                (9)
/C20E                (9)
/C20F                (9)
/C20G                (9)
/C20H                (9)
/C20I                (9)
/C20J                (9)
/C20K                (9)
/C20L                (9)
/D1                  (8,9)
/D2A        (8,9)
/D2B        (8,9)
/D2C        (8,9)
/D2D        (8,9)
/D2E        (8,9)
/D2F        (8,9)
/D3         (8,9)
/D4A        (8,9)
/D4B        (8,9)
/D4C        (8,9)
/D4D        (8,9)
```

```
/D4E         (8,9)
/D4F         (8,9)
/D5          (8,9)
/D6A         (8,9)
/D6B         (8,9)
/D7          (8,9)
/D8A         (8,9)
/D8B         (8,9)
/D8C         (8,9)
/D8D         (8,9)
/D8E         (8,9)
/D9A        (8,9)
/D9B         (8,9)
/D9C         (8,9)
/D10A        (8,9)
/D10B        (8,9)
/D10C        (8,9)
/D12         (9)
/E1          (9)
/E2          (9)
/E3          (9)
/F1          (9)
/F2A         (8,9)
/F2B         (8,9)
/F2C         (8,9)
/F2D         (8,9)
/F2E         (8,9)
/F2F         (8,9)
/F2G         (8,9)
/F2H         (8,9)
/BUILT       (9)
/CFAMST         (1)
/EFAMST           (1)
/MOB5               (1)
/ROOMS                 (1).
```

APPENDIX E

Index to Variables

HEALTH AND ACTIVITY LIMITATION SURVEY

ENQUETE SUR LA SANTE ET LES LIMITATIONS D'ACTIVITES

RECORD LAYOUT   ——   CLICHE D'ARTICLES

HOUSEHOLD CHILDREN MICRO DATA FILE

MICRODONNEES POUR ENFANTS VIVANT EN MENAGE

VARIABLE NAME NOM DE LA VARIABLE	POSITIONS	SIZE LONGUEUR
ID	0001-0005	5
REGION	0006-0006	1
A1A	0007-0007	1
A1B	0008-0008	1
A1C	0009-0009	1
A1D	0010-0010	1
A1E	0011-0011	1
A1F	0012-0012	1
A1G	0013-0013	1
A2	0014-0014	1
A3	0015-0015	1
A3A	0016-0017	2
A3B	0018-0019	2
A3C	0020-0020	1
A4	0021-0021	1
A4A	0022-0023	2
A4B	0024-0024	1
A5A	0025-0025	1
A5B	0026-0026	1
A5C	0027-0027	1
A5D	0028-0028	1
A5E	0029-0029	1
A5F	0030-0030	1
A5G	0031-0031	1
A5H	0032-0032	1
A5I	0033-0033	1
A5J	0034-0034	1
A5K	0035-0035	1
A5L	0036-0036	1
A5M	0037-0037	1
A5N	0038-0038	1

HEALTH AND ACTIVITY LIMITATION SURVEY

ENQUETE SUR LA SANTE ET LES LIMITATIONS D'ACTIVITES

RECORD LAYOUT —— CLICHE D'ARTICLES

HOUSEHOLD CHILDREN MICRO DATA FILE

MICRODONNEES POUR ENFANTS VIVANT EN MENAGE

VARIABLE NAME NOM DE LA VARIABLE	POSITIONS	SIZE LONGUEUR
A5O	0039-0039	1
A5P	0040-0040	1
A5Q	0041-0041	1
A5R	0042-0042	1
A6	0043-0043	1
A6A	0044-0045	2
A6B	0046-0046	1
A6D	0047-0047	1
A7	0048-0048	1
A8	0049-0049	1
A8B	0050-0050	1
A9	0051-0051	1
A9B	0052-0052	1
A10	0053-0053	1
A10A	0054-0055	2
A10B	0056-0056	1
A10C	0057-0057	1
A10D1	0058-0058	1
A10D2	0059-0059	1
A10D3	0060-0060	1
A11	0061-0061	1
A11A	0062-0063	2
A11B	0064-0064	1
A11CI	0065-0065	1
A11CII	0066-0066	1
A11CIII	0067-0067	1
A12	0068-0068	1
A12A	0069-0070	2
A12B	0071-0072	2
A13	0073-0073	1
A13B	0074-0074	1

HEALTH AND ACTIVITY LIMITATION SURVEY

ENQUETE SUR LA SANTE ET LES LIMITATIONS D'ACTIVITES

RECORD LAYOUT —— CLICHE D'ARTICLES

HOUSEHOLD CHILDREN MICRO DATA FILE

MICRODONNEES POUR ENFANTS VIVANT EN MENAGE

VARIABLE NAME NOM DE LA VARIABLE	POSITIONS	SIZE LONGUEUR
A14	0075-0075	1
B1	0076-0076	1
B2	0077-0077	1
B3	0078-0078	1
B4	0079-0079	1
B5	0080-0080	1
B6	0081-0081	1
B7	0082-0082	1
B8A	0083-0083	1
B8B	0084-0084	1
B8C	0085-0085	1
B8D	0086-0086	1
B9	0087-0088	2
B10	0089-0089	1
B11	0090-0090	1
B12	0091-0091	1
B13	0092-0092	1
B14	0093-0093	1
B15	0094-0094	1
C1	0095-0095	1
C2	0096-0096	1
C3	0097-0097	1
C4	0098-0098	1
C5A	0099-0099	1
C5B	0100-0100	1
C6	0101-0101	1
C7	0102-0102	1
C8	0103-0103	1
C9A	0104-0104	1
C9B	0105-0105	1
C9C	0106-0106	1

HEALTH AND ACTIVITY LIMITATION SURVEY

ENQUETE SUR LA SANTE ET LES LIMITATIONS D'ACTIVITES

RECORD LAYOUT — CLICHE D'ARTICLES

HOUSEHOLD CHILDREN MICRO DATA FILE

MICRODONNEES POUR ENFANTS VIVANT EN MENAGE

VARIABLE NAME NOM DE LA VARIABLE	POSITIONS	SIZE LONGUEUR
C9D	0107-0107	1
C9E	0108-0108	1
C9F	0109-0109	1
C9G	0110-0110	1
C9H	0111-0111	1
C10	0112-0112	1
C11	0113-0113	1
C12	0114-0114	1
C13	0115-0115	1
C14	0116-0116	1
C15	0117-0117	1
C16A	0118-0118	1
C16B	0119-0119	1
C16C	0120-0120	1
C17A	0121-0121	1
C17B	0122-0122	1
C17C	0123-0123	1
C17D	0124-0124	1
C17E	0125-0125	1
C17F	0126-0126	1
C17G	0127-0127	1
C17H	0128-0128	1
C17I	0129-0129	1
C17J	0130-0130	1
C17K	0131-0131	1
C17L	0132-0132	1
C18	0133-0133	1
C19A	0134-0135	2
C19B	0136-0137	2
C19C	0138-0139	2
C19D	0140-0141	2

HEALTH AND ACTIVITY LIMITATION SURVEY

ENQUETE SUR LA SANTE ET LES LIMITATIONS D'ACTIVITES

RECORD LAYOUT   ——   CLICHE D'ARTICLES

HOUSEHOLD CHILDREN MICRO DATA FILE

MICRODONNEES POUR ENFANTS VIVANT EN MENAGE

VARIABLE NAME NOM DE LA VARIABLE	POSITIONS	SIZE LONGUEUR
C20A	0142-0142	1
C20B	0143-0143	1
C20C	0144-0144	1
C20D	0145-0145	1
C20E	0146-0146	1
C20F	0147-0147	1
C20G	0148-0148	1
C20H	0149-0149	1
C20I	0150-0150	1
C20J	0151-0151	1
C20K	0152-0152	1
C20L	0153-0153	1
D1	0154-0154	1
D2A	0155-0155	1
D2B	0156-0156	1
D2C	0157-0157	1
D2D	0158-0158	1
D2E	0159-0159	1
D2F	0160-0160	1
D3	0161-0161	1
D4A	0162-0162	1
D4B	0163-0163	1
D4C	0164-0164	1
D4D	0165-0165	1
D4E	0166-0166	1
D4F	0167-0167	1
D5	0168-0168	1
D6A	0169-0169	1
D6B	0170-0170	1
D7	0171-0171	1
D8A	0172-0172	1

HEALTH AND ACTIVITY LIMITATION SURVEY

ENQUETE SUR LA SANTE ET LES LIMITATIONS D'ACTIVITES

RECORD LAYOUT   ——   CLICHE D'ARTICLES

HOUSEHOLD CHILDREN MICRO DATA FILE

MICRODONNEES POUR ENFANTS VIVANT EN MENAGE

VARIABLE NAME NOM DE LA VARIABLE	POSITIONS	SIZE LONGUEUR
D8B	0173-0173	1
D8C	0174-0174	1
D8D	0175-0175	1
D8E	0176-0176	1
D9A	0177-0177	1
D9B	0178-0178	1
D9C	0179-0179	1
D10A	0180-0180	1
D10B	0181-0181	1
D10C	0182-0182	1
D12	0183-0183	1
E1	0184-0184	1
E2	0185-0186	2
E3	0187-0188	2
F1	0189-0189	1
F2A	0190-0190	1
F2B	0191-0191	1
F2C	0192-0192	1
F2D	0193-0193	1
F2E	0194-0194	1
F2F	0195-0195	1
F2G	0196-0196	1
F2H	0197-0197	1
F2TOTAL	0198-0198	1
AGE	0199-0200	2
CFAMSIZE	0201-0201	1
DISABLED	0202-0202	1
EFAMSIZE	0203-0203	1
ETHORIG	0204-0204	1
SEVERITY	0205-0205	1
SEX	0206-0206	1

HEALTH AND ACTIVITY LIMITATION SURVEY

ENQUETE SUR LA SANTE ET LES LIMITATIONS D'ACTIVITES

RECORD LAYOUT — CLICHE D'ARTICLES

HOUSEHOLD CHILDREN MICRO DATA FILE

MICRODONNEES POUR ENFANTS VIVANT EN MENAGE

VARIABLE NAME NOM DE LA VARIABLE	POSITIONS	SIZE LONGUEUR
HT	0207-0215	9
BUILT	0216-0216	1
CFAMST	0217-0217	1
CFINC	0218-0219	2
DTYPE	0220-0220	1
EFINC	0221-0222	2
EFAMST	0223-0223	1
MOB5	0224-0224	1
ROOMS	0225-0225	1
RUINDFG	0226-0226	1
UNITS	0227-0227	1

The Data Dictionary and the Alphabetical Index to Variables
were produced using the Data Dictionary Management System (DDMS)
developed by the Policy, Communications and Information Branch,
Health and Welfare Canada.

CHILDREN'S MICRODATA FILE

INDEX TO VARIABLES

<u>VARIABLE</u>   <u>VARIABLE DESCRIPTION</u>   <u>P</u>

VARIABLE	VARIABLE DESCRIPTION
ID	Record identification number
REGION	Region of residence
A	SECTION A - SCREENING QUESTIONS
A1	Which of the following aids are now used:
A1A	Wheelchair
A1B	Crutches or other walking aids
A1C	Medically prescribed footwear
A1D	Artificial leg, arm, hand or foot
A1E	Hearing aid
A1F	Vision aid other than glasses or contact lenses
A1G	Any kind of brace other than for teeth
A2	Does...use any other kind of aid
A3	Does...have long term condition/limits activity
A3A	Duration of disability
A3B	Main condition or health problem
A3C	Which of these best describes this condition
A4	Does...attend special school or classes/condition
A4A	Main condition or health problem
A4B	Which of these best describes this condition
A5	Does...have any of these long term conditions:
A5A	Allergies of any kind

C9C	Getting on and off	2
C9D	Insufficient space to sit or stand in vehicle	2
C9E	Standing in vehicle while moving	2
C9F	Obtaining information about schedules	2
C9G	Staff unsupportive	2
C9H	Other	2
C10	Is there a taxi service available in your area	2
C11	How often does...use the taxi service	2
C12	Is this because of...'s condition/health problem	2
C13	Is...prevented from travelling long distance	2
C14	Long distance trans. not suitable for condition	2
C15	Does...have trouble using an airplane/bus/train	2
C16	Does...have trouble travelling by:	2
C16A	Airplane	2
C16B	Bus	2
C16C	Train	2
C17	What kind of trouble does...have:	2
C17A	Lack of appropriate transportation to / from	2
C17B	Moving around the terminal	2
C17C	Boarding or disembarking	2
C17D	Hearing announcements	2
C17E	Seating on board	2
C17F	Seeing signs or notices	2
C17G	Washroom facilities	2
C17H	Staff unsupportive	2
C17I	Transportation of wheelchair or other aids	3
C17J	Carrier rules and regulations	3

D2D	An elevator or lift device	3
D2E	Accessible parking	3
D2F	Some other architectural feature	3
D3	Does...need special features enter/leave residence	3
D4	Which special features...need, but does not have:	3
D4A	Access ramps	3
D4B	Widened doorways	3
D4C	A street level entrance	3
D4D	An entrance that opens automatically	3
D4E	An elevator or lift device	3
D4F	Some other architectural feature	3
D5	Does...use any special features to move in. res.	3
D6	Which special features are used inside residence:	3
D6A	Hand rails	3
D6B	Some other feature	3
D7	Does...need special features to move inside res.	3
D8	Which special features does...need	3
D8A	Hand rails	3
D8B	Elevator or lift device	3
D8C	Widened doorways or hallways	3
D8D	Doors that open automatically	3
D8E	Some other feature	3
D9	Does...have difficulty using following fixtures:	3
D9A	Bathroom tub	3
D9B	Toilet	3
D9C	Basin	3
D10	Were any of the following fixtures modified:	3

SEX	Sex
WT	Weight for tabulations
BUILT	Period dwelling constructed
CFAMST	Census family status
CFINC	Census family total income 1985
DTYPE	Type of dwelling
EFINC	Economic family total income 1985
EFAMST	Economic family status
MOB5	Mobility status – Residence 5 years ago
ROOMS	Number of rooms
RUINDFG	Rural or Urban
UNITS	Number of persons in each household

APPENDIX F

Data Dictionary

DETAILED DESCRIPTION OF VARIABLES

ID   **Record identification number**

REGION   **Region of residence**

CONTENT	CODE
East	1
Quebec	2
Ontario	3
West (incl. Yukon and NWT)	4

A   **SECTION A - SCREENING QUESTIONS**

A1   **Which of the following aids are now used:**

A1A   **Wheelchair**

CONTENT	CODE
Yes	1
No	2
Not stated	9

A1B   **Crutches or other walking aids**

CONTENT	CODE
Yes	1
No	2
Not stated	9

A1C   **Medically prescribed footwear**

CONTENT	CODE
Yes	1
No	2
Not stated	9

DETAILED DESCRIPTION OF VARIABLES

A1D   **Artificial leg, arm, hand or foot**

CONTENT	CODE
Yes	1
No	2
Not stated	9

A1E   **Hearing aid**

CONTENT	CODE
Yes	1
No	2
Not stated	9

A1F   **Vision aid other than glasses or contact lenses**

CONTENT	CODE
Yes	1
No	2
Not stated	9

A1G   **Any kind of brace other than for teeth**

CONTENT	CODE
Yes	1
No	2
Not stated	9

A2   **Does...use any other kind of aid**

CONTENT	CODE
Yes	1
No	2
Not stated	9

A3   **Does...have long term condition/limits activity**

CONTENT	CODE
Yes	1
No	2
Not stated	9

<u>DETAILED DESCRIPTION OF VARIABLES</u>

A3A   **Duration of disability**

<u>CONTENT</u>	<u>CODE</u>
Less than 1 year	00
1 year	01
2 years	02
3 years	03
4 years	04
5 years	05
6 years	06
7 years	07
8 years	08
9 years	09
10 years	10
11 years	11
12 years	12
13 years	13
14 years	14
Blank	97
Not stated	99

DETAILED DESCRIPTION OF VARIABLES

A3B   **Main condition or health problem**

CONTENT	CODE
ICD9 = 493	01
ICD9 = 343	02
ICD9 = 389	03
ICD9 = 758	04
ICD9 = 319.0	05
ICD9 = 315.2 - 315.9	06
ICD9 = 345	07
ICD9 = 741	08
ICD9 = VK01-06	09
ICD9 = 746	10
ICD9 = 429	11
ICD9 = VA00, VA14-19	12
ICD9 = 250	13
ICD9 = 348	14
ICD9 = 783	15
ICD9 = 784	16
ICD9 = 759	17
ICD9 = 299	18
ICD9 = 359	19
ICD9 = VT01-06, VU01-06	20
ICD9 = 277	21
ICD9 = VP00, VP15-19	22
ICD9 = VK13	23
ICD9 = 331	24
ICD9 = 369	25
ICD9 = 742	26
All other ICD9	27
Blank	97
Not stated	99

COMMENTS

The underlying health problem or condition has been coded
using the International Classification of Diseases, 9th
Revision. The 2-digit codes appear on the data file which
is maintained at Statistics Canada. The data presented in Field
A3B represent the 26 most prevalent underlying long-term
conditions or health problems reported most frequently, which
limit participation in school, at play, or any other activities.

Code definitions:

01: Asthma
02: Infantile cerebral palsy
03: Deafness
04: Chromosomal anomalies
05: Unspecified mental retardation
06: Specific delays in development
07: Epilepsy

DETAILED DESCRIPTION OF VARIABLES

08: Spina bifida
09: Deformed/crooked - lower body sites
10: Other congenital anomalies of heart
11: Ill-defined descriptions and complications of heart disease
12: Arthritis/rheumatism of any type - upper body, entire body or site not specified
13: Diabetes mellitus
14: Other conditions of brain
15: Symptoms concerning nutrition, metabolism and development
16: Symptoms concerning head and neck
17: Other/unspecified congenital anomalies
18: Psychoses with origin specific to childhood
19: Muscular dystrophies and other myopathies
20: Other specified and unspecified impairments
21: Other/unspecified disorders of metabolism
22: Paralysis - upper body, entire body or site not specified
23: Deformed/crooked - back, spine, discs
24: Other cerebral degenerations
25: Blindness, both eyes
26: Other congenital anomalies of nervous system
27: All other conditions or health problems

A3C   **Which of these best describes this condition**

CONTENT	CODE
Blank	0
Existed at birth	1
Disease or illness	2
Caused by an accident	3
Other cause	4
Don't know	5
Not stated	9

A4   **Does...attend special school or classes/condition**

CONTENT	CODE
Yes	1
No	2
Not stated	9

DETAILED DESCRIPTION OF VARIABLES

A4A   **Main condition or health problem**

CONTENT	CODE
ICD9 = 315.1 - 315.9	01
ICD9 = 319.0	02
ICD9 = 389	03
ICD9 = 343	04
ICD9 = 758	05
ICD9 = 784	06
ICD9 = 345	07
ICD9 = 783	08
ICD9 = 348	09
ICD9 = 299	10
ICD9 = 759	11
All other ICD9	12
Blank	97
Not stated	99

COMMENTS

The underlying health problem or condition has been coded using the International Classification of Diseases, 9th Revision. The 2-digit codes appear on the data file which is maintained at Statistics Canada. The data presented in Field A4A represent the 11 most prevalent underlying long-term conditions or health problems reported most frequently, which require children to attend a special school or special classes.

Code definitions:

01: Specific delays in development
02: Unspecified mental retardation
03: Deafness
04: Infantile cerebral palsy
05: Chromosomal anomalies
06: Symptoms concerning head and neck
07: Epilepsy
08: Symptoms concerning nutrition, metabolism and development
09: Other conditions of brain
10: Psychoses with origin specific to childhood
11: Other/unspecified congenital anomalies
12: All other conditions or health problems

DETAILED DESCRIPTION OF VARIABLES

A4B   **Which of these best describes this condition**

CONTENT	CODE
Blank	0
Existed at birth	1
Disease or illness	2
Caused by an accident	3
Other cause	4
Don't know	5
Not stated	9

A5   **Does...have any of these long term conditions:**

A5A   **Allergies of any kind**

CONTENT	CODE
Yes	1
No	2
Not stated	9

A5B   **Asthma**

CONTENT	CODE
Yes	1
No	2
Not stated	9

A5C   **Bronchitis**

CONTENT	CODE
Yes	1
No	2
Not stated	9

A5D   **Other lung condition or disease**

CONTENT	CODE
Yes	1
No	2
Not stated	9

DETAILED DESCRIPTION OF VARIABLES

A5E   **Heart condition or disease**

CONTENT	CODE
Yes	1
No	2
Not stated	9

A5F   **Kidney condition or disease**

CONTENT	CODE
Yes	1
No	2
Not stated	9

A5G   **Cancer**

CONTENT	CODE
Yes	1
No	2
Not stated	9

A5H   **Diabetes**

CONTENT	CODE
Yes	1
No	2
Not stated	9

A5I   **Epilepsy**

CONTENT	CODE
Yes	1
No	2
Not stated	9

A5J   **Cerebral palsy**

CONTENT	CODE
Yes	1
No	2
Not stated	9

DETAILED DESCRIPTION OF VARIABLES

A5K   **Cystic fibrosis**

CONTENT	CODE
Yes	1
No	2
Not stated	9

A5L   **Muscular dystrophy**

CONTENT	CODE
Yes	1
No	2
Not stated	9

A5M   **Paralysis of any kind**

CONTENT	CODE
Yes	1
No	2
Not stated	9

A5N   **Arthritis or rheumatism - serious**

CONTENT	CODE
Yes	1
No	2
Not stated	9

A5O   **High blood pressure**

CONTENT	CODE
Yes	1
No	2
Not stated	9

A5P   **Mental handicap**

CONTENT	CODE
Yes	1
No	2
Not stated	9

DETAILED DESCRIPTION OF VARIABLES

A5Q   **Learning disability**

CONTENT	CODE
Yes	1
No	2
Not stated	9

A5R   **Missing arms, legs, fingers or toes**

CONTENT	CODE
Yes	1
No	2
Not stated	9

A6   **Does...have vision trouble not corrected- glasses**

CONTENT	CODE
Yes	1
No	2
Not stated	9

DETAILED DESCRIPTION OF VARIABLES

A6A   **Main condition or health problem**

CONTENT	CODE
ICD9 = 378	01
ICD9 = 369.0	02
ICD9 = 343	03
ICD9 = 368	04
ICD9 = 367	05
ICD9 = 369.6	06
ICD9 = V41.0	07
All other ICD9	08
Blank	97
Not stated	99

COMMENTS

The underlying health problem or condition has been coded using the International Classification of Diseases, 9th Revision. The 2-digit codes appear on the data file which is maintained at Statistics Canada. The data presented in Field A6A represent the 7 most prevalent underlying long-term conditions or health problems reported most frequently, which cause children to have vision trouble.

Code definitions:

01: Strabismus / other disorders of binocular eye movements
02: Blindness, both eyes
03: Infantile cerebral palsy
04: Visual disturbance
05: Disorders of refraction and accommodation
06: Blindness, one eye
07: Problems with sight
08: All other health conditions or problems

A6B   **Which of these best describes this condition**

CONTENT	CODE
Blank	0
Existed at birth	1
Disease or illness	2
Caused by an accident	3
Other cause	4
Don't know	5
Not stated	9

DETAILED DESCRIPTION OF VARIABLES

A6D   **Is...able to recognize a hand and count fingers**

CONTENT	CODE
Blank	0
Yes	1
No	2
Don't know/not applicable	3
Not stated	9

A7   **Date of birth after June 3, 1981**

CONTENT	CODE
Yes	1
No .	2

A8   **Does...have hearing trouble**

CONTENT	CODE
Blank	0
Yes	1
No	2
Not stated	9

A8B   **Which of these best describes this condition**

CONTENT	CODE
Blank	0
Existed at birth	1
Disease or illness	2
Caused by an accident	3
Other cause	4
Don't know	5
Not stated	9

A9   **Does..have long term cond. not mentioned before**

CONTENT	CODE
Blank	0
Yes	1
No	2
Not stated	9

DETAILED DESCRIPTION OF VARIABLES

A9B   **Which of these best describes this condition**

CONTENT	CODE
Blank	0
Existed at birth	1
Disease or illness	2
Caused by an accident	3
Other cause	4
Don't know	5
Not stated	9

A10   **Does...have hearing trouble**

CONTENT	CODE
Blank	0
Yes	1
No	2
Not stated	9

A10A   **Main condition or health problem**

CONTENT	CODE
ICD9 = 389	01
ICD9 = V41.3	02
ICD9 = 382	03
ICD9 = V41.2	04
ICD9 = 388	05
All other ICD9	06
Blank	97
Not stated	99

COMMENTS

The underlying health problem or condition has been coded using the International Classification of Diseases, 9th Revision. The 2-digit codes appear on the data file which is maintained at Statistics Canada. The data presented in Field A10A represent the 5 most prevalent underlying long-term conditions or health problems reported most frequently, which cause children to have hearing trouble.

Code definitions:

01: Deafness
02: Other ear problems
03: Suppurative and unspecified otitis media
04: Problems with hearing
05: Other disorders of ear
06: All other conditions or health problems

DETAILED DESCRIPTION OF VARIABLES

A10B   **Which of these best describes this condition**

CONTENT	CODE
Blank	0
Existed at birth	1
Disease or illness	2
Caused by an accident	3
Other cause	4
Don't know	5
Not stated	9

A10C   **Is...able to hear telephone conversation with aid**

CONTENT	CODE
Blank	0
Yes	1
No	2
Don't know	3
Not stated	9

A10D   **Is...able to:**

A10D1   **Use sign language**

CONTENT	CODE
Blank	0
Yes	1
Not asked	8
Not stated	9

A10D2   **Lip read**

CONTENT	CODE
Blank	0
Yes	1
Not asked	8
Not stated	9

A10D3   **Neither of the above**

CONTENT	CODE
Blank	0
Yes	1
Not asked	8
Not stated	9

DETAILED DESCRIPTION OF VARIABLES

A11   **Does...have trouble speaking and being understood**

CONTENT	CODE
Blank	0
Yes	1
No	2
Not stated	9

A11A   **Main condition or health problem**

CONTENT	CODE
ICD9 = 319.0	01
ICD9 = 389	02
ICD9 = 343	03
ICD9 = 758	04
ICD9 = 315.1 - 315.9	05
ICD9 = 784	06
ICD9 = V40.1	07
ICD9 = 348	08
ICD9 = 299	09
ICD9 = 783	10
ICD9 = 345	11
All other ICD9	12
Blank	97
Not stated	99

COMMENTS

The underlying health problem or condition has been coded using the International Classification of Diseases, 9th Revision. The 2-digit codes appear on the data file which is maintained at Statistics Canada. The data presented in Field A11A represent the 11 most prevalent underlying long-term conditions or health problems reported most frequently, which cause children to have trouble speaking and being understood.

Code definitions:

01: Unspecified mental retardation
02: Deafness
03: Infantile cerebral palsy
04: Chromosomal anomalies
05: Specific delays in development
06: Symptoms concerning head and neck
07: Problems with communicating (including speech)
08: Other conditions of brain
09: Psychoses with origin specific to childhood
10: Symptoms concerning nutrition, metabolism and
     development
11: Epilepsy
12: All other health conditions or problems

CHILDREN'S MICRODATA FILE

DETAILED DESCRIPTION OF VARIABLES

A11B   Which of these best describes this condition

CONTENT	CODE
Blank	0
Existed at birth	1
Disease or illness	2
Caused by an accident	3
Other cause	4
Don't know	5
Not stated	9

A11C   How well is...understood when speaking with:

A11CI   Members of family

CONTENT	CODE
Blank	0
Completely	1
Partially	2
Not at all	3
Not stated	9

A11CII   Friends

CONTENT	CODE
Blank	0
Completely	1
Partially	2
Not at all	3
Not stated	9

A11CIII   Other people

CONTENT	CODE
Blank	0
Completely	1
Partially	2
Not at all	3
Not stated	9

A12   Does...have long-term emotional problem

CONTENT	CODE
Blank	0
Yes	1
No	2
Not stated	9

DETAILED DESCRIPTION OF VARIABLES

A12A   **Duration of disability**

CONTENT	CODE
1 year or less	01
2 years	02
3 years	03
4 years	04
5 years	05
6 years	06
7 years	07
8 years	08
9 years	09
10 years	10
11 years	11
12 years	12
13 years	13
14 years	14
Blank	97
Not stated	99

DETAILED DESCRIPTION OF VARIABLES

A12B   **Main condition or health problem**

CONTENT	CODE
ICD9 = 319.0	01
ICD9 = 315.1 - 315.9	02
ICD9 = 758	03
ICD9 = 343	04
ICD9 = 299	05
ICD9 = 345	06
ICD9 = 348	07
ICD9 = 314	08
ICD9 = 783	09
ICD9 = 300	10
ICD9 = 493	11
All other ICD9	12
Blank	97
Not stated	99

COMMENTS

The underlying health problem or condition has been coded using the International Classification of Diseases, 9th Revision. The 2-digit codes appear on the data file which is maintained at Statistics Canada. The data presented in Field A12B represent the 11 most prevalent underlying long-term emotional, psychological, nervous or mental health conditions or problems reported most frequently, which limit the kind or amount of activities done at home, at play or at school.

Code definitions:

01: Unspecified mental retardation
02: Specific delays in development
03: Chromosomal anomalies
04: Infantile cerebral palsy
05: Psychoses with origin specific to childhood
06: Epilepsy
07: Other conditions of brain
08: Hyperkinetic syndrome of childhood
09: Symptoms concerning nutrition, metabolism and development
10: Neurotic disorders
11: Asthma
12: All other conditions or health problems

A13   **Does...have long term cond. not mentioned before**

CONTENT	CODE
Blank	0
Yes	1
No	2
Not stated	9

DETAILED DESCRIPTION OF VARIABLES

A13B   **Which of these best describes this condition**

CONTENT	CODE
Blank	0
Existed at birth	1
Disease or illness	2
Caused by an accident	3
Other cause	4
Don't know	5
Not stated	9

A14   **Yes to screening questions**

CONTENT	CODE
Not applicable	0
Yes	1
No	2

B   **SECTION B – EDUCATION**

B1   **Does...require special education due to condition**

CONTENT	CODE
Blank	0
Yes	1
No	2
Not stated	9

B2   **Is special education available thru regular school**

CONTENT	CODE
Blank	0
Yes	1
No	2
Not stated	9

B3   **Was...going to school or tutored in April 1986**

CONTENT	CODE
Blank	0
Yes	1
No	2
Not stated	9

DETAILED DESCRIPTION OF VARIABLES

B4   **Did...ever go to school before April 1986**

CONTENT	CODE
Blank	0
Yes	1
No	2
Not stated	9

B5   **Was not going to school because of condition**

CONTENT	CODE
Blank	0
Yes	1
No	2
Not stated	9

B6   **What type of school was...attending**

CONTENT	CODE
Blank	0
A special school	1
A regular school	2
A reg. school/spec. classes	3
Not stated	9

B7   **In reg. school what type classes was...attending**

CONTENT	CODE
Blank	0
Special classes only	1
Regular classes only	2
Special and regular classes	3
Not stated	9

B8   **What type of education was...receiving**

B8A   **Physical therapy or communication therapy**

CONTENT	CODE
Blank	0
Yes	1
Not asked	8
Not stated	9

DETAILED DESCRIPTION OF VARIABLES

B8B   **Daily living skills**

CONTENT	CODE
Blank	0
Yes	1
Not asked	8
Not stated	9

B8C   **Academic subjects**

CONTENT	CODE
Blank	0
Yes	1
Not asked	8
Not stated	9

B8D   **Trade or vocational**

CONTENT	CODE
Blank	0
Yes	1
Not asked	8
Not stated	9

B9   **What grade was...enrolled in April 1986**

CONTENT	CODE
Kindergarten	00
Grade 1	01
Grade 2	02
Grade 3	03
Grade 4	04
Grade 5	05
Grade 6	06
Grade 7	07
Grade 8	08
Grade 9 or 10	09
Non-graded	96
Blank	97
Not asked	98
Not stated	99

DETAILED DESCRIPTION OF VARIABLES

B10   What was...'s principal means of trans. to school

CONTENT	CODE
Blank	0
Private motor vehicle	1
Regular school bus	2
Regular bus/subway/streetcar	3
Spec. bus/van service/disabled	4
Taxi	5
Walked to school	6
Other	7
Not asked	8
Not stated	9

B11   Did...ever attend special school before April 1986

CONTENT	CODE
Blank	0
Yes	1
No	2
Not stated	9

B12   Did...begin first year later than most children

CONTENT	CODE
Blank	0
Yes	1
No	2
Not asked	8
Not stated	9

B13   Was...'s schooling ever interrupted - long periods

CONTENT	CODE
Blank	0
Yes	1
No	2
Not asked	8
Not stated	9

B14   Did it take...longer to achieve present level

CONTENT	CODE
Blank	0
Yes	1
No	2
Not asked	8
Not stated	9

DETAILED DESCRIPTION OF VARIABLES

B15   **How much longer**

CONTENT	CODE
Blank	0
1 year	1
2 years	2
3 years	3
4 years	4
5 years or more	5
Not able to estimate	6
Not asked	8
Not stated	9

C   **SECTION C - TRANSPORTATION**

C1   **Is...housebound**

CONTENT	CODE
Blank	0
Yes	1
No	2
Not stated	9

C2   **Does...need special bus or van service**

CONTENT	CODE
Blank	0
Yes	1
No	2
Don't know	3
Not asked	8
Not stated	9

C3   **Is this special bus service available in your area**

CONTENT	CODE
Blank	0
Yes	1
No	2
Don't know	3
Not asked	8
Not stated	9

DETAILED DESCRIPTION OF VARIABLES

C4   How often does...use this service

CONTENT	CODE
Blank	0
Frequently	1
Occasionally	2
Seldom/never	3
Not asked	8
Not stated	9

C5   Why doesn't...use special bus service more often

C5A   Service not needed more often

CONTENT	CODE
Blank	0
Yes	1
Not asked	8
Not stated	9

C5B   Other

CONTENT	CODE
Blank	0
Yes	1
Not asked	8
Not stated	9

C6   Is local transportation available in your area

CONTENT	CODE
Blank	0
Yes	1
No	2
Not asked	8
Not stated	9

C7   How often does...use the local transportation

CONTENT	CODE
Blank	0
Frequently	1
Occasionally	2
Seldom/never	3
Not asked	8
Not stated	9

DETAILED DESCRIPTION OF VARIABLES

C8   **Does...have trouble using local transportation**

CONTENT	CODE
Blank	0
Yes	1
No	2
Don't know	3
Not asked	8
Not stated	9

C9   **What kind of troubles does...have**

C9A   **Getting to the stop**

CONTENT	CODE
Blank	0
Yes	1
Not asked	8
Not stated	9

C9B   **Waiting at the stop**

CONTENT	CODE
Blank	0
Yes	1
Not asked	8
Not stated	9

C9C   **Getting on and off**

CONTENT	CODE
Blank	0
Yes	1
Not asked	8
Not stated	9

C9D   **Insufficient space to sit or stand in vehicle**

CONTENT	CODE
Blank	0
Yes	1
Not asked	8
Not stated	9

DETAILED DESCRIPTION OF VARIABLES

C9E   **Standing in vehicle while moving**

CONTENT	CODE
Blank	0
Yes	1
Not asked	8
Not stated	9

C9F   **Obtaining information about schedules**

CONTENT	CODE
Blank	0
Yes	1
Not asked	8
Not stated	9

C9G   **Staff unsupportive**

CONTENT	CODE
Blank	0
Yes	1
Not asked	8
Not stated	9

C9H   **Other**

CONTENT	CODE
Blank	0
Yes	1
Not asked	8
Not stated	9

C10   **Is there a taxi service available in your area**

CONTENT	CODE
Blank	0
Yes	1
No	2
Not asked	8
Not stated	9

DETAILED DESCRIPTION OF VARIABLES

C11   **How often does...use the taxi service**

CONTENT	CODE
Blank	0
Frequently	1
Occasionally	2
Seldom/never	3
Not asked	8
Not stated	9

C12   **Is this because of...'s condition/health problem**

CONTENT	CODE
Blank	0
Yes	1
No	2
Not asked	8
Not stated	9

C13   **Is...prevented from travelling long distance**

CONTENT	CODE
Blank	0
Yes	1
No	2
Not stated	9

C14   **Long distance trans. not suitable for condition**

CONTENT	CODE
Blank	0
Yes	1
No	2
Not stated	9

C15   **Does...have trouble using an airplane/bus/train**

CONTENT	CODE
Blank	0
Yes	1
No	2
Don't know	3
Not stated	9

C16   **Does...have trouble travelling by:**

DETAILED DESCRIPTION OF VARIABLES

C16A   **Airplane**

CONTENT	CODE
Blank	0
Yes	1
No	2
Don't know	3
Not stated	9

C16B   **Bus**

CONTENT	CODE
Blank	0
Yes	1
No	2
Don't know	3
Not stated	9

C16C   **Train**

CONTENT	CODE
Blank	0
Yes	1
No	2
Don't know	3
Not stated	9

C17   **What kind of trouble does...have:**

C17A   **Lack of appropriate transportation to / from**

CONTENT	CODE
Blank	0
Yes	1
Not stated	9

C17B   **Moving around the terminal**

CONTENT	CODE
Blank	0
Yes	1
Not stated	9

DETAILED DESCRIPTION OF VARIABLES

C17C   **Boarding or disembarking**

CONTENT	CODE
Blank	0
Yes	1
Not stated	9

C17D   **Hearing announcements**

CONTENT	CODE
Blank	0
Yes	1
Not stated	9

C17E   **Seating on board**

CONTENT	CODE
Blank	0
Yes	1
Not stated	9

C17F   **Seeing signs or notices**

CONTENT	CODE
Blank	0
Yes	1
Not stated	9

C17G   **Washroom facilities**

CONTENT	CODE
Blank	0
Yes	1
Not stated	9

C17H   **Staff unsupportive**

CONTENT	CODE
Blank	0
Yes	1
Not stated	9

DETAILED DESCRIPTION OF VARIABLES

C17I   **Transportation of wheelchair or other aids**

CONTENT	CODE
Blank	0
Yes	1
Not stated	9

C17J   **Carrier rules and regulations**

CONTENT	CODE
Blank	0
Yes	1
Not stated	9

C17K   **Flight/ride aggravates condition**

CONTENT	CODE
Blank	0
Yes	1
Not stated	9

C17L   **Other**

CONTENT	CODE
Blank	0
Yes	1
Not stated	9

C18   **Problems limit amount of long distance travel**

CONTENT	CODE
Blank	0
Yes	1
No	2
Not asked	8
Not stated	9

C19   **Number of long distance trips taken by:**

DETAILED DESCRIPTION OF VARIABLES

C19A   **Airplane**

CONTENT	CODE
None	00
1 trip	01
2 trips	02
3 trips or more	03
Blank	97
Not stated	99

C19B   **Bus**

CONTENT	CODE
None	00
1 trip	01
2 trips	02
3 trips	03
4 trips or more	04
Blank	97
Not stated	99

C19C   **Train**

CONTENT	CODE
None	00
1 trip	01
2 trips or more	02
Blank	97
Not stated	99

C19D   **Car, small truck or van**

CONTENT	CODE
None	00
1 trip	01
2 trips	02
3 trips	03
4 trips	04
5 trips	05
6 trips	06
7 to 9 trips	07
10 to 19 trips	08
20 trips or more	09
Blank	97
Not stated	99

C20   **What kind of trouble does...have when travelling:**

DETAILED DESCRIPTION OF VARIABLES

C20A   **Lack of appropriate transportation to / from**

CONTENT	CODE
Blank	0
Yes	1
Not stated	9

C20B   **Moving around the terminal**

CONTENT	CODE
Blank	0
Yes	1
Not stated	9

C20C   **Boarding or disembarking**

CONTENT	CODE
Blank	0
Yes	1
Not stated	9

C20D   **Hearing announcements**

CONTENT	CODE
Blank	0
Yes	1
Not stated	9

C20E   **Seating on board**

CONTENT	CODE
Blank	0
Yes	1
Not stated	9

C20F   **Seeing signs or notices**

CONTENT	CODE
Blank	0
Yes	1
Not stated	9

DETAILED DESCRIPTION OF VARIABLES

C20G   **Washroom facilities**

CONTENT	CODE
Blank	0
Yes	1
Not stated	9

C20H   **Staff unsupportive**

CONTENT	CODE
Blank	0
Yes	1
Not stated	9

C20I   **Transportation of wheelchair or other aids**

CONTENT	CODE
Blank	0
Yes	1
Not stated	9

C20J   **Flight/ride aggravates condition**

CONTENT	CODE
Blank	0
Yes	1
Not stated	9

C20K   **Other**

CONTENT	CODE
Blank	0
Yes	1
Not stated	9

C20L   **None**

CONTENT	CODE
Blank	0
Yes	1
Not stated	9

D   **SECTION D - ACCOMMODATIONS**

DETAILED DESCRIPTION OF VARIABLES

D1   **Does...use special features enter/leave residence**

CONTENT	CODE
Blank	0
Yes	1
No	2
Not asked	8
Not stated	9

D2   **Which special features does...use**

D2A   **Access ramps**

CONTENT	CODE
Blank	0
Yes	1
Not asked	8
Not stated	9

D2B   **Widened doorways**

CONTENT	CODE
Blank	0
Yes	1
Not asked	8
Not stated	9

D2C   **A street level entrance**

CONTENT	CODE
Blank	0
Yes	1
Not asked	8
Not stated	9

D2D   **An elevator or lift device**

CONTENT	CODE
Blank	0
Yes	1
Not asked	8
Not stated	9

DETAILED DESCRIPTION OF VARIABLES

D2E   **Accessible parking**

CONTENT	CODE
Blank	0
Yes	1
Not asked	8
Not stated	9

D2F   **Some other architectural feature**

CONTENT	CODE
Blank	0
Yes	1
Not asked	8
Not stated	9

D3   **Does...need special features enter/leave residence**

CONTENT	CODE
Blank	0
Yes	1
No	2
Not asked	8
Not stated	9

D4   **Which special features...need, but does not have:**

D4A   **Access ramps**

CONTENT	CODE
Blank	0
Yes	1
Not asked	8
Not stated	9

D4B   **Widened doorways**

CONTENT	CODE
Blank	0
Yes	1
Not asked	8
Not stated	9

DETAILED DESCRIPTION OF VARIABLES

D4C   **A street level entrance**

CONTENT	CODE
Blank	0
Yes	1
Not asked	8
Not stated	9

D4D   **An entrance that opens automatically**

CONTENT	CODE
Blank	0
Yes	1
Not asked	8
Not stated	9

D4E   **An elevator or lift device**

CONTENT	CODE
Blank	0
Yes	1
Not asked	8
Not stated	9

D4F   **Some other architectural feature**

CONTENT	CODE
Blank	0
Yes	1
Not asked	8
Not stated	9

D5   **Does...use any special features to move in. res.**

CONTENT	CODE
Blank	0
Yes	1
No	2
Not asked	8
Not stated	9

D6   **Which special features are used inside residence:**

DETAILED DESCRIPTION OF VARIABLES

D6A   **Hand rails**

CONTENT	CODE
Blank	0
Yes	1
Not asked	8
Not stated	9

D6B   **Some other feature**

CONTENT	CODE
Blank	0
Yes	1
Not asked	8
Not stated	9

D7   **Does...need special features to move inside res.**

CONTENT	CODE
Blank	0
Yes	1
No	2
Not asked	8
Not stated	9

D8   **Which special features does...need**

D8A   **Hand rails**

CONTENT	CODE
Blank	0
Yes	1
Not asked	8
Not stated	9

D8B   **Elevator or lift device**

CONTENT	CODE
Blank	0
Yes	1
Not asked	8
Not stated	9

DETAILED DESCRIPTION OF VARIABLES

D8C   **Widened doorways or hallways**

CONTENT	CODE
Blank	0
Yes	1
Not asked	8
Not stated	9

D8D   **Doors that open automatically**

CONTENT	CODE
Blank	0
Yes	1
Not asked	8
Not stated	9

D8E   **Some other feature**

CONTENT	CODE
Blank	0
Yes	1
Not asked	8
Not stated	9

D9   **Does...have difficulty using following fixtures:**

D9A   **Bathroom tub**

CONTENT	CODE
Blank	0
Difficulty	1
No difficulty	2
Does not have this fixture	3
Not asked	8
Not stated	9

D9B   **Toilet**

CONTENT	CODE
Blank	0
Difficulty	1
No difficulty	2
Does not have this fixture	3
Not asked	8
Not stated	9

DETAILED DESCRIPTION OF VARIABLES

MOB5   **Mobility status - Residence 5 years ago**

CONTENT	CODE
Not applicable	1
Different CSD	2
Outside Canada	3
Same CSD-different dwelling	4
Same dwelling	5

ROOMS   **Number of rooms**

CONTENT	CODE
Not applicable	0
1 to 4 rooms	1
5 to 7 rooms	2
8 rooms or more	3

RUINDFG   **Rural or Urban**

CONTENT	CODE
Rural	1
Urban	2

UNITS   **Number of persons in each household**

CONTENT	CODE
2 to 5 persons	1
6 persons or more	2

DETAILED DESCRIPTION OF VARIABLES

D9C   **Basin**

CONTENT	CODE
Blank	0
Difficulty	1
No difficulty	2
Does not have this fixture	3
Not asked	8
Not stated	9

D10   **Were any of the following fixtures modified:**

D10A   **Bathroom tub**

CONTENT	CODE
Blank	0
Yes	1
No	2
Not asked	8
Not stated	9

D10B   **Toilet**

CONTENT	CODE
Blank	0
Yes	1
No	2
Not asked	8
Not stated	9

D10C   **Basin**

CONTENT	CODE
Blank	0
Yes	1
No	2
Not asked	8
Not stated	9

D12   **Would you know where to find info. about rights**

CONTENT	CODE
Blank	0
Yes	1
No	2
Not stated	9

DETAILED DESCRIPTION OF VARIABLES

E   SECTION E - PHYSICAL ACTIVITIES

E1   Does...take any medication on a regular basis

CONTENT	CODE
Blank	0
Yes	1
No	2
Not stated	9

E2   How many kinds of different prescr. drugs each day

CONTENT	CODE
None	00
1 kind	01
2 kinds	02
3 kinds	03
4 kinds	04
5 kinds	05
6 kinds or more	06
Blank	97
Not stated	99

E3   How many kinds of different prescr. drugs ea. week

CONTENT	CODE
None	00
1 kind	01
2 kinds	02
3 kinds or more	03
Blank	97
Not stated	99

F   SECTION F - ECONOMIC CHARACTERISTICS

F1   Does...have out-of-pocket expenses not reimb.,1985

CONTENT	CODE
Blank	0
Yes	1
No	2
Not stated	9

F2   Out-of-pocket expenses due to condition for 1985:

DETAILED DESCRIPTION OF VARIABLES

F2A   **Prescription and non-prescription drugs**

CONTENT	CODE
Blank	0
Yes	1
None	2
Not asked	8
Not stated	9

F2B   **Special clothing, aids, medical supplies**

CONTENT	CODE
Blank	0
Yes	1
None	2
Not asked	8
Not stated	9

F2C   **Health and medical services**

CONTENT	CODE
Blank	0
Yes	1
None	2
Not asked	8
Not stated	9

F2D   **Modification to residence**

CONTENT	CODE
Blank	0
Yes	1
None	2
Not asked	8
Not stated	9

F2E   **Extra or special tuition**

CONTENT	CODE
Blank	0
Yes	1
None	2
Not asked	8
Not stated	9

DETAILED DESCRIPTION OF VARIABLES

F2F   **Transportation**

CONTENT	CODE
Blank	0
Yes	1
None	2
Not asked	8
Not stated	9

F2G   **Personal services**

CONTENT	CODE
Blank	0
Yes	1
None	2
Not asked	8
Not stated	9

F2H   **Other**

CONTENT	CODE
Blank	0
Yes	1
None	2
Not asked	8
Not stated	9

F2TOTAL   **Amount total**

CONTENT	CODE
Blank	0
No expenses reported	1
$1 - $499	2
$500 - $999	3
$1,000 and over	4

DERIVED   **DERIVED AND CENSUS VARIABLES**

DETAILED DESCRIPTION OF VARIABLES

AGE   **Age**

CONTENT	CODE
Less than one year	00
1 Year	01
2 Years	02
3 Years	03
4 Years	04
5 Years	05
6 Years	06
7 Years	07
8 Years	08
9 Years	09
10 Years	10
11 Years	11
12 Years	12
13 Years	13
14 Years	14

CFAMSIZE   **Census family size**

CONTENT	CODE
1 Person	1
2 Persons	2
3 Persons	3
4 Persons	4
5 Persons	5
6 Persons	6
7 Persons	7
8 Persons or more	8

DISABLED   **Screening criteria**

CONTENT	CODE
Not disabled	0
Disabled	1

COMMENTS

Users are advised to use this variable whenever they are tabulating characteristics from the HALS questionnaire. This variable identifies that the record is for a disabled person. (Value = 1).

DETAILED DESCRIPTION OF VARIABLES

EFAMSIZE   **Economic family size**

CONTENT	CODE
1 Person	1
2 Persons	2
3 Persons	3
4 Persons	4
5 Persons	5
6 Persons	6
7 Persons	7
8 Persons or more	8

ETHORIG   **Ethnic origin**

CONTENT	CODE
British	1
French	2
Other	3

SEVERITY   **Severity index**

CONTENT	CODE
Blank	0
Mild	1
Moderate	2
Severe	3

COMMENTS

Severity is a derived variable which has been created based on the individual's response to the screening questions in section A. For details as to the algorithm used and how it was developed, the users should reference "Severity Score for Children", Health and Activity Limitation Survey, Marie Brodeur, October, 1988. This document is available from Statistics Canada (see address at beginning of documentation).

SEX   **Sex**

CONTENT	CODE
Female	1
Male	2

DETAILED DESCRIPTION OF VARIABLES

WT   **Weight for tabulations**

COMMENTS

This derived variable is an estimate of the number of people the record represents. Each record has been assigned a weight such that the sum of the weights of all the records corresponds, as closely as possible, to the 1986 Census. The weight was calculated based upon specific demographic and geographic characteristics. The value of the weight is also dependent on the sample design of the survey. Thus, it is possible for two people within the same household to have different weights. The value of the weight is stored with an implied decimal point after the fifth digit, with each value having four decimal places. All tabulations and/or calculations must be weighted to reflect the correct estimate of the population.

BUILT   **Period dwelling constructed**

CONTENT	CODE
Built in 1920 or before	1
Built during period 1921-1945	2
Built during period 1946-1960	3
Built during 1961-1970	4
Built during 1971-1975	5
Built during 1976-1980	6
Built during 1981-1985	7
Built in 1986	8
Not applicable	9

CFAMST   **Census family status**

CONTENT	CODE
Not applicable	1
Child in a census family	2
Not a member of census family	3

DETAILED DESCRIPTION OF VARIABLES

CFINC   **Census family total income 1985**

CONTENT	CODE
Less than $0	01
$0	02
$1 to $4999	03
$5000 to $9999	04
$10000 to $14999	05
$15000 to $19999	06
$20000 to $24999	07
$25000 to $29999	08
$30000 to $34999	09
$35000 to $39999	10
$40000 to $49999	11
$50000 and over	12

DTYPE   **Type of dwelling**

CONTENT	CODE
Aprtm. 5 storeys and more	1
Mob. home/other movable dwel.	2
Single-detached house	3
Other	4

EFINC   **Economic family total income 1985**

CONTENT	CODE
Less than $0	01
$0	02
$1 to $4999	03
$5000 to $9999	04
$10000 to $14999	05
$15000 to $19999	06
$20000 to $24999	07
$25000 to $29999	08
$30000 to $34999	09
$35000 to $39999	10
$40000 to $49999	11
$50000 and over	12

EFAMST   **Economic family status**

CONTENT	CODE
Not applicable	1
Never married child	2
Economic family other member	3
Unattached individual	4

APPENDIX G

Weighted and Unweighted Frequencies

HALS MICRO DATA FILE, FOR CANADA,
Distribution of counts for disabled children residing in households.
Weighted / Unweighted.

FIELD DESCRIPTION	WEIGHTED	UNWEIGHTED
REGION		
TOTAL	275,049	10,236
East	30,342	1,609
Quebec	63,700	1,731
Ontario	98,252	2,740
West (Incl. Yukon & NWT	82,755	4,156
A1A		
Yes	8,712	641
No	263,787	9,496
Not stated	2,550	99
A1B		
Yes	5,442	430
No	266,900	9,689
Not stated	2,706	117
A1C		
Yes	23,202	849
No	249,617	9,273
Not stated	2,230	114
A1D		
Yes	918	95
No	271,368	9,999
Not stated	2,763	142
A1E		
Yes	11,668	711
No	260,686	9,407
Not stated	2,695	118
A1F		
Yes	3,057	244
No	269,229	9,868
Not stated	2,763	124
A1G		
Yes	14,606	601
No	257,952	9,532
Not stated	2,491	103
A2		
Yes	24,493	1,203
No	248,098	8,894
Not stated	2,457	139
A3		
Yes	145,638	7,323
No	128,169	2,899
Not stated	1,241	14
A3A		
Less than 1 year	9,253	351
1 year	15,661	531
2 years	9,044	582
3 years	10,522	580
4 years	12,819	563
5 years	11,766	531
6 years	8,705	522
7 years	7,787	513
8 years	6,611	524
9 years	10,137	502
10 years	6,383	452
11 years	3,642	403
12 years	8,600	403
13 years	7,599	369
14 years	5,052	365
Blank	132,074	2,953
Not stated	9,394	92

See footnotes at end of table.

HALS MICRO DATA FILE, FOR CANADA,
Distribution of counts for disabled children residing in households.
Weighted / Unweighted.

-Continued

FIELD DESCRIPTION	WEIGHTED	UNWEIGHTED
A3B		
ICD9 = 493	27,396	1,072
ICD9 = 343	7,122	565
ICD9 = 389	9,400	330
ICD9 = 758	3,143	304
ICD9 = 319.0	2,575	303
ICD9 = 315.2 - 315.9	7,220	284
ICD9 = 345	2,476	237
ICD9 = 741	2,265	189
ICD9 = VK01-06	11,256	124
ICD9 = 746	2,735	120
ICD9 = 429	688	119
ICD9 = VA00, VA14-19	2,693	111
ICD9 = 250	2,202	107
ICD9 = 348	935	105
ICD9 = 783	1,614	104
ICD9 = 784	3,417	86
ICD9 = 759	722	88
ICD9 = 299	946	86
ICD9 = 359	837	86
ICD9 = VT01-06, VU01-06	803	79
ICD9 = 277	1,371	70
ICD9 = VP00, VP15-19	711	65
ICD9 = VK13	1,042	56
ICD9 = 331	466	55
ICD9 = 369	559	53
ICD9 = 742	568	53
All other ICD9	50,005	2,430
Blank	129,410	2,913
Not stated	473	42
A3C		
Blank	129,410	2,913
Existed at birth	80,236	4,483
Disease or illness	30,380	1,609
Caused by an accident	5,554	248
Other cause	7,340	291
Don't know	11,676	511
Not stated	10,452	181
A4		
Yes	71,747	3,701
No	203,006	6,507
Not stated	295	28
A4A		
ICD9 = 315.1 - 315.9	22,799	654
ICD9 = 319.0	3,704	385
ICD9 = 389	8,125	328
ICD9 = 343	3,267	325
ICD9 = 758	3,078	304
ICD9 = 784	3,896	156
ICD9 = 345	1,474	104
ICD9 = 783	1,031	101
ICD9 = 348	948	93
ICD9 = 299	954	90
ICD9 = 759	310	49
All other ICD9	22,026	1,096
Blank	203,302	6,535
Not stated	136	16
A4B		
Blank	203,302	6,535
Existed at birth	41,105	2,467
Disease or illness	7,806	383
Caused by an accident	626	70
Other cause	3,496	161
Don't know	11,443	405
Not stated	7,272	215

See footnotes at end of table.

HALS MICRO DATA FILE, FOR CANADA,
Distribution of counts for disabled children residing in households.
Weighted / Unweighted.

-Continued

FIELD DESCRIPTION	WEIGHTED	UNWEIGHTED
A5A		
Yes	85,923	3,115
No	188,483	7,045
Not stated	643	76
A5B		
Yes	44,886	1,790
No	229,381	8,373
Not stated	782	73
A5C		
Yes	35,649	1,371
No	238,178	8,758
Not stated	1,222	107
A5D		
Yes	8,539	499
No	265,260	9,627
Not stated	1,249	110
A5E		
Yes	23,970	1,061
No	250,294	9,086
Not stated	784	89
A5F		
Yes	8,728	415
No	265,543	9,727
Not stated	778	94
A5G		
Yes	3,018	118
No	271,266	10,028
Not stated	765	90
A5H		
Yes	5,804	324
No	268,350	9,814
Not stated	894	98
A5I		
Yes	14,269	872
No	259,908	9,271
Not stated	872	93
A5J		
Yes	9,936	854
No	264,445	9,303
Not stated	668	79
A5K		
Yes	1,306	118
No	273,006	10,029
Not stated	736	89
A5L		
Yes	2,314	128
No	271,537	10,013
Not stated	1,197	95
A5M		
Yes	5,517	491
No	268,312	9,643
Not stated	1,219	102
A5N		
Yes	5,929	269
No	267,603	9,879
Not stated	1,517	88
A5O		
Yes	2,167	110
No	270,385	10,001
Not stated	2,496	125

See footnotes at end of table.

HALS MICRO DATA FILE, FOR CANADA,
Distribution of counts for disabled children residing in households.
Weighted / Unweighted.

-Continued

FIELD DESCRIPTION	WEIGHTED	UNWEIGHTED
A5P		
Yes	25,085	2,407
No	249,197	7,732
Not stated	767	97
A5Q		
Yes	70,313	3,552
No	203,643	6,574
Not stated	1,093	110
A5R		
Yes	2,637	217
No	271,393	9,898
Not stated	1,019	121
A6		
Yes	27,769	1,376
No	247,023	8,832
Not stated	257	28
A6A		
ICD9 = 378	4,891	161
ICD9 = 369.0	1,131	91
ICD9 = 343	772	92
ICD9 = 368	3,387	62
ICD9 = 367	1,133	72
ICD9 = 369.6	713	64
ICD9 = V41.0	2,612	53
All other ICD9	12,416	741
Blank	247,280	8,860
Not stated	713	40
A6B		
Blank	247,280	8,860
Existed at birth	19,006	924
Disease or illness	2,249	163
Caused by an accident	646	69
Other cause	410	56
Don't know	3,884	105
Not stated	1,574	59
A6D		
Blank	270,979	9,931
Yes	1,367	163
No	2,397	111
Don't know/not applicable	190	25
Not stated	116	6
A7		
Yes	61,021	2,051
No	214,027	8,185
A8		
Blank	214,027	8,185
Yes	12,423	337
No	48,400	1,706
Not stated	199	8
A8B		
Blank	262,626	9,899
Existed at birth	4,652	197
Disease or illness	6,457	68
Caused by an accident	-	-
Other cause	147	16
Don't know	405	30
Not stated	761	26
A9		
Blank	214,027	8,185
Yes	12,860	355
No	47,554	1,678
Not stated	607	18

See footnotes at end of table.

HALS MICRO DATA FILE, FOR CANADA,
Distribution of counts for disabled children residing in households.
Weighted / Unweighted.

-Continued

FIELD DESCRIPTION	WEIGHTED	UNWEIGHTED
A9B		
Blank	262,189	9,881
Existed at birth	8,072	242
Disease or illness	2,339	60
Caused by an accident	-	-
Other cause	2,086	19
Don't know	250	22
Not stated	113	12
A10		
Blank	61,021	2,051
Yes	35,546	1,435
No	178,370	6,731
Not stated	112	19
A10A		
ICD9 = 389	10,967	562
ICD9 = V41.3	7,961	116
ICD9 = 382	3,864	94
ICD9 = V41.2	2,587	52
ICD9 = 388	370	37
All other ICD9	8,232	538
Blank	239,503	8,801
Not stated	1,564	36
A10B		
Blank	239,503	8,801
Existed at birth	20,979	756
Disease or illness	10,193	347
Caused by an accident	287	31
Other cause	940	72
Don't know	1,677	155
Not stated	1,470	74
A10C		
Blank	239,502	8,800
Yes	27,592	957
No	6,752	330
Don't know	674	98
Not stated	528	51
A10D1		
Blank	269,718	9,421
Yes	3,883	280
Not asked	829	480
Not stated	618	55
A10D2		
Blank	265,205	9,269
Yes	8,397	432
Not asked	829	480
Not stated	618	55
A10D3		
Blank	248,044	8,930
Yes	25,558	771
Not asked	829	480
Not stated	618	55
A11		
Blank	61,021	2,051
Yes	37,108	2,379
No	174,105	5,532
Not stated	2,814	274
A11A		
ICD9 = 319.0	2,480	277
ICD9 = 389	3,860	249
ICD9 = 343	2,025	233
ICD9 = 758	2,022	214
ICD9 = 315.1 - 315.9	3,480	187
ICD9 = 784	1,317	121
ICD9 = V40.1	2,753	90
ICD9 = 348	1,005	75

See footnotes at end of table.

HALS MICRO DATA FILE, FOR CANADA,
Distribution of counts for disabled children residing in households.
Weighted / Unweighted.

-Continued

FIELD DESCRIPTION	WEIGHTED	UNWEIGHTED
A11A		
ICD9 = 299	616	62
ICD9 = 783	531	59
ICD9 = 345	613	38
All other ICD9	11,841	569
Blank	237,940	7,857
Not stated	4,567	205
A11B		
Blank	241,401	7,970
Existed at birth	19,452	1,519
Disease or illness	4,275	258
Caused by an accident	1,544	53
Other cause	2,848	92
Don't know	2,337	201
Not stated	3,192	143
A11CI		
Blank	238,052	7,864
Completely	22,897	1,287
Partially	11,612	866
Not at all	2,433	210
Not stated	55	9
A11CII		
Blank	238,055	7,866
Completely	9,942	516
Partially	22,671	1,418
Not at all	4,216	419
Not stated	164	17
A11CIII		
Blank	238,062	7,868
Completely	3,632	180
Partially	25,983	1,556
Not at all	7,307	624
Not stated	65	8
A12		
Blank	61,021	2,051
Yes	27,440	1,895
No	185,030	6,123
Not stated	1,557	167
A12A		
1 year or less	3,295	98
2 years	2,783	79
3 years	1,590	83
4 years	901	90
5 years	1,947	164
6 years	2,324	170
7 years	1,942	137
8 years	2,034	170
9 years	2,076	169
10 years	2,667	169
11 years	1,342	134
12 years	1,632	125
13 years	950	127
14 years	1,069	137
Blank	247,678	8,348
Not stated	819	36
A12B		
ICD9 = 319.0	2,138	267
ICD9 = 315.1 - 315.9	1,891	153
ICD9 = 758	1,003	130
ICD9 = 343	1,141	127
ICD9 = 299	845	79
ICD9 = 345	943	65
ICD9 = 348	1,593	67
ICD9 = 314	1,777	58
ICD9 = 783	726	52

See footnotes at end of table.

HALS MICRO DATA FILE, FOR CANADA,
Distribution of counts for disabled children residing in households.
Weighted / Unweighted.

-Continued

FIELD DESCRIPTION	WEIGHTED	UNWEIGHTED
A12B		
ICD9 = 300	838	40
ICD9 = 493	403	45
All other ICD9	13,685	772
Blank	247,608	8,341
Not stated	459	40
A13		
Blank	61,021	2,051
Yes	13,376	852
No	198,470	7,259
Not stated	2,182	74
A13B		
Blank	261,673	9,384
Existed at birth	4,087	399
Disease or illness	2,301	210
Caused by an accident	719	28
Other cause	1,059	55
Don't know	2,540	79
Not stated	2,670	81
A14		
Not applicable	61,021	2,051
Yes	178,672	7,511
No	35,356	674

- NIL OR ZERO

HALS MICRO DATA FILE, FOR CANADA,
Distribution of counts for disabled children residing in households.
Weighted / Unweighted.

FIELD DESCRIPTION	WEIGHTED	UNWEIGHTED
B1		
Blank	61,021	2,051
Yes	80,867	3,684
No	128,674	4,211
Not stated	4,487	290
B2		
Blank	194,182	6,552
Yes	60,884	2,747
No	18,069	905
Not stated	1,913	32
B3		
Blank	61,021	2,051
Yes	196,576	7,223
No	12,961	672
Not stated	4,491	290
B4		
Blank	262,088	9,564
Yes	5,991	384
No	6,966	285
Not stated	4	3
B5		
Blank	268,082	9,951
Yes	1,210	68
No	5,666	208
Not stated	91	9
B6		
Blank	78,473	3,013
A special school	12,194	783
A regular school	108,259	3,459
A reg. school/spec. classes	65,186	2,536
Not stated	10,937	445
B7		
Blank	94,219	3,997
Special classes only	13,012	727
Regular classes only	118,770	3,713
Special and regular classes	41,635	1,552
Not stated	7,413	247
B8a		
Blank	233,182	7,856
Yes	31,573	1,616
Not asked	829	480
Not stated	9,465	284
B8B		
Blank	243,994	8,113
Yes	20,760	1,359
Not asked	829	480
Not stated	9,465	284
B8C		
Blank	215,465	7,308
Yes	49,289	2,164
Not asked	829	480
Not stated	9,465	284
B8D		
Blank	261,548	9,244
Yes	3,206	228
Not asked	829	480
Not stated	9,465	284
B9		
Kindergarden	5,648	151
Grade 1	18,410	651
Grade 2	23,438	554
Grade 3	15,844	552
Grade 4	13,999	554
Grade 5	13,110	529
Grade 6	14,432	526

See footnotes at end of table.

HALS MICRO DATA FILE, FOR CANADA,
Distribution of counts for disabled children residing in households.
Weighted / Unweighted.

-Continued

FIELD DESCRIPTION	WEIGHTED	UNWEIGHTED
B9		
Grade 7	19,953	525
Grade 8	16,369	502
Grade 9 or 10	10,800	248
Non-graded	27,164	1,589
Blank	73,603	2,519
Not asked	829	480
Not stated	21,449	856
B10		
Blank	73,603	2,519
Private motor vehicle	21,902	788
Regular school bus	69,648	2,545
Regular bus/subway/streetcar	9,435	179
Spec. bus/van service/disabled	11,313	787
Taxi	2,972	253
Walked to school	60,372	1,698
Other	9,108	248
Not asked	829	480
Not stated	15,865	739
B11		
Blank	68,008	2,351
Yes	35,554	2,080
No	166,809	5,497
Not stated	4,677	308
B12		
Blank	67,698	2,181
Yes	12,864	937
No	188,930	6,348
Not asked	829	480
Not stated	4,728	290
B13		
Blank	67,698	2,181
Yes	36,152	1,801
No	165,665	5,494
Not asked	829	480
Not stated	4,704	280
B14		
Blank	67,698	2,181
Yes	68,623	3,239
No	133,167	4,052
Not asked	829	480
Not stated	4,731	284
B15		
Blank	205,597	6,517
1 year	25,065	870
2 years	16,623	560
3 years	3,895	226
4 years	811	87
5 years or more	1,654	136
Not able to estimate	18,034	1,259
Not asked	829	480
Not stated	2,542	101

HALS MICRO DATA FILE, FOR CANADA ,
Distribution of counts for disabled children residing in households.
Weighted / Unweighted.

FIELD DESCRIPTION	WEIGHTED	UNWEIGHTED
C1		
Blank	61,021	2,051
Yes	8,281	469
No	201,251	7,425
Not stated	4,495	291
C2		
Blank	73,471	2,627
Yes	11,750	670
No	187,409	6,316
Don't know	1,398	116
Not asked	829	480
Not stated	192	27
C3		
Blank	262,470	9,086
Yes	6,568	409
No	2,341	219
Don't know	1,689	40
Not asked	829	480
Not stated	1,151	2
C4		
Blank	267,651	9,347
Frequently	5,107	258
Occasionally	518	57
Seldom/never	925	91
Not asked	829	480
Not stated	18	3
C5A		
Blank	273,577	9,689
Yes	529	58
Not asked	829	480
Not stated	113	9
C5B		
Blank	273,194	9,655
Yes	912	92
Not asked	829	480
Not stated	113	9
C6		
Blank	73,511	2,632
Yes	115,104	3,583
No	85,412	3,514
Not asked	829	480
Not stated	192	27
C7		
Blank	159,115	6,173
Frequently	20,897	484
Occasionally	28,230	754
Seldom/never	63,837	2,291
Not asked	829	480
Not stated	2,140	54
C8		
Blank	159,115	6,173
Yes	12,544	686
No	93,477	2,488
Don't know	6,871	353
Not asked	829	480
Not stated	2,213	56
C9A		
Blank	270,445	9,488
Yes	3,699	260
Not asked	829	480
Not stated	75	8

See footnotes at end of table.

HALS MICRO DATA FILE, FOR CANADA ,
Distribution of counts for disabled children residing in households.
Weighted / Unweighted.

-Continued

FIELD DESCRIPTION	WEIGHTED	UNWEIGHTED
C9B		
Blank	271,160	9,544
Yes	2,985	204
Not asked	829	480
Not stated	75	8
C9C		
Blank	267,900	9,406
Yes	6,245	342
Not asked	829	480
Not stated	75	8
C9D		
Blank	273,033	9,663
Yes	1,112	85
Not asked	829	480
Not stated	75	8
C9E		
Blank	271,254	9,561
Yes	2,891	187
Not asked	829	480
Not stated	75	8
C9F		
Blank	270,134	9,529
Yes	4,011	219
Not asked	829	480
Not stated	75	8
C9G		
Blank	273,480	9,699
Yes	664	49
Not asked	829	480
Not stated	75	8
C9H		
Blank	266,418	9,408
Yes	7,727	340
Not asked	829	480
Not stated	75	8
C10		
Blank	73,475	2,629
Yes	166,156	5,540
No	34,397	1,560
Not asked	829	480
Not stated	192	27
C11		
Blank	108,064	4,216
Frequently	5,051	347
Occasionally	16,730	483
Seldom/never	140,449	4,584
Not asked	829	480
Not stated	3,925	126
C12		
Blank	108,064	4,216
Yes	10,864	648
No	151,674	4,762
Not asked	829	480
Not stated	3,618	130
C13		
Blank	61,021	2,051
Yes	7,748	636
No	200,426	7,252
Not stated	5,854	297
C14		
Blank	267,301	9,600
Yes	4,397	324
No	3,351	312
Not stated	-	-

See footnotes at end of table.

HALS MICRO DATA FILE, FOR CANADA ,
Distribution of counts for disabled children residing in households.
Weighted / Unweighted.

-Continued

FIELD DESCRIPTION	WEIGHTED	UNWEIGHTED
C15		
Blank	74,623	2,984
Yes	12,705	716
No	170,517	5,768
Don't know	17,074	761
Not stated	130	7
C16A		
Blank	262,357	9,522
Yes	6,336	433
No	700	83
Don't know	2,823	97
Not stated	2,834	101
C16B		
Blank	262,350	9,521
Yes	5,381	443
No	2,594	131
Don't know	1,890	40
Not stated	2,834	101
C16C		
Blank	262,350	9,521
Yes	3,907	354
No	3,052	128
Don't know	2,906	132
Not stated	2,834	101
C17A		
Blank	274,491	10,194
Yes	201	27
Not stated	357	15
C17B		
Blank	273,408	10,081
Yes	1,284	140
Not stated	357	15
C17C		
Blank	272,207	9,976
Yes	2,485	245
Not stated	357	15
C17D		
Blank	272,305	10,082
Yes	2,387	139
Not stated	357	15
C17E		
Blank	273,043	10,105
Yes	1,649	116
Not stated	357	15
C17F		
Blank	273,732	10,123
Yes	960	98
Not stated	357	15
C17G		
Blank	273,738	10,094
Yes	954	127
Not stated	357	15
C17H		
Blank	274,421	10,198
Yes	271	23
Not stated	357	15
C17I		
Blank	272,748	10,080
Yes	1,944	141
Not stated	357	15

See footnotes at end of table.

HALS MICRO DATA FILE, FOR CANADA ,
Distribution of counts for disabled children residing in households.
Weighted / Unweighted.

-Continued

FIELD DESCRIPTION	WEIGHTED	UNWEIGHTED
C17J		
Blank	274,269	10,173
Yes	423	48
Not stated	357	15
C17K		
Blank	271,111	10,028
Yes	3,581	193
Not stated	357	15
C17L		
Blank	269,937	9,939
Yes	4,755	282
Not stated	357	15
C18		
Blank	261,552	9,059
Yes	5,060	329
No	6,984	357
Not asked	829	480
Not stated	623	11
C19A		
None	184,235	6,670
1 trip	8,191	356
2 trips	2,758	82
3 trips or more	2,311	52
Blank	74,623	2,984
Not stated	2,930	92
C19B		
None	170,694	6,078
1 trip	20,359	719
2 trips	2,671	197
3 trips	1,211	62
4 trips or more	1,402	90
Blank	74,623	2,984
Not stated	4,088	106
C19C		
None	188,490	6,917
1 trip	7,062	180
2 trips or more	1,329	43
Blank	74,623	2,984
Not stated	3,544	112
C19D		
None	84,217	2,725
1 trip	40,094	1,521
2 trips	21,584	923
3 trips	15,963	529
4 trips	8,396	381
5 trips	7,437	258
6 trips	5,937	219
7 to 9 trips	2,942	130
10 to 19 trips	8,613	387
20 trips or more	1,732	109
Blank	74,623	2,984
Not stated	3,510	70
C20A		
Blank	273,896	10,169
Yes	284	39
Not stated	869	28
C20B		
Blank	273,265	10,109
Yes	915	99
Not stated	869	28

See footnotes at end of table.

HALS MICRO DATA FILE, FOR CANADA ,
Distribution of counts for disabled children residing in households.
Weighted / Unweighted.

-Continued

FIELD DESCRIPTION	WEIGHTED	UNWEIGHTED
C20C		
Blank	273,131	10,097
Yes	1,049	111
Not stated	869	28
C20D		
Blank	273,644	10,148
Yes	535	60
Not stated	869	28
C20E		
Blank	273,445	10,129
Yes	735	79
Not stated	869	28
C20F		
Blank	273,719	10,154
Yes	461	54
Not stated	869	28
C20G		
Blank	273,563	10,138
Yes	617	70
Not stated	869	28
C20H		
Blank	273,761	10,174
Yes	419	34
Not stated	869	28
C20I		
Blank	273,516	10,140
Yes	664	68
Not stated	869	28
C20J		
Blank	273,421	10,117
Yes	758	91
Not stated	869	28
C20K		
Blank	271,950	10,046
Yes	2,230	162
Not stated	869	28
C20L		
Blank	274,151	10,198
Yes	29	10
Not stated	869	28

- NIL OR ZERO

HALS MICRO DATA FILE, FOR CANADA ,
Distribution of counts for disabled children residing in households.
Weighted / Unweighted.

FIELD DESCRIPTION	WEIGHTED	UNWEIGHTED
D1		
Blank	60,760	1,917
Yes	4,286	314
No	203,981	7,196
Not asked	829	480
Not stated	5,192	329
D2A		
Blank	270,765	9,508
Yes	3,397	242
Not asked	829	480
Not stated	57	6
D2B		
Blank	271,870	9,663
Yes	2,292	87
Not asked	829	480
Not stated	57	6
D2C		
Blank	273,211	9,659
Yes	950	91
Not asked	829	480
Not stated	57	6
D2D		
Blank	272,460	9,702
Yes	1,702	48
Not asked	829	480
Not stated	57	6
D2E		
Blank	273,567	9,699
Yes	595	51
Not asked	829	480
Not stated	57	6
D2F		
Blank	273,429	9,683
Yes	733	67
Not asked	829	480
Not stated	57	6
D3		
Blank	60,760	1,917
Yes	4,417	293
No	203,823	7,214
Not asked	829	480
Not stated	5,220	332
D4A		
Blank	270,614	9,549
Yes	2,401	197
Not asked	829	480
Not stated	1,204	10
D4B		
Blank	272,318	9,668
Yes	697	78
Not asked	829	480
Not stated	1,204	10
D4C		
Blank	272,391	9,677
Yes	624	69
Not asked	829	480
Not stated	1,204	10
D4D		
Blank	272,352	9,672
Yes	663	74
Not asked	829	480
Not stated	1,204	10

See footnotes at end of table.

HALS MICRO DATA FILE, FOR CANADA ,
Distribution of counts for disabled children residing in households.
Weighted / Unweighted.

-Continued

FIELD DESCRIPTION	WEIGHTED	UNWEIGHTED
D4E		
Blank	272,297	9,668
Yes	719	78
Not asked	829	480
Not stated	1,204	10
D4F		
Blank	272,236	9,665
Yes	780	81
Not asked	829	480
Not stated	1,204	10
D5		
Blank	60,760	1,917
Yes	3,615	208
No	204,588	7,296
Not asked	829	480
Not stated	5,257	335
D6A		
Blank	272,206	9,588
Yes	1,886	157
Not asked	829	480
Not stated	128	11
D6B		
Blank	272,186	9,678
Yes	1,906	67
Not asked	829	480
Not stated	128	11
D7		
Blank	60,760	1,917
Yes	2,023	226
No	206,077	7,278
Not asked	829	480
Not stated	5,360	335
D8A		
Blank	272,808	9,611
Yes	1,375	140
Not asked	829	480
Not stated	36	5
D8B		
Blank	273,381	9,670
Yes	803	81
Not asked	829	480
Not stated	36	5
D8C		
Blank	273,485	9,677
Yes	698	74
Not asked	829	480
Not stated	36	5
D8D		
Blank	273,682	9,705
Yes	502	46
Not asked	829	480
Not stated	36	5
D8E		
Blank	273,503	9,683
Yes	680	68
Not asked	829	480
Not stated	36	5
D9A		
Blank	60,760	1,917
Difficulty	11,101	918
No difficulty	194,881	6,542
Does not have this fixture	2,199	37
Not asked	829	480
Not stated	5,278	342

See footnotes at end of table.

HALS MICRO DATA FILE, FOR CANADA ,
Distribution of counts for disabled children residing in households.
Weighted / Unweighted.

-Continued

FIELD DESCRIPTION	WEIGHTED	UNWEIGHTED
D9B		
Blank	60,760	1,917
Difficulty	8,223	635
No difficulty	197,622	6,822
Does not have this fixture	2,296	33
Not asked	829	480
Not stated	5,318	349
D9C		
Blank	60,760	1,917
Difficulty	8,117	642
No difficulty	197,883	6,823
Does not have this fixture	105	15
Not asked	829	480
Not stated	7,355	359
D10A		
Blank	60,760	1,917
Yes	3,380	189
No	203,030	7,312
Not asked	829	480
Not stated	7,049	338
D10B		
Blank	60,760	1,917
Yes	3,051	131
No	203,338	7,366
Not asked	829	480
Not stated	7,071	342
D10C		
Blank	60,760	1,917
Yes	2,241	95
No	204,060	7,388
Not asked	829	480
Not stated	7,159	356
D12		
Blank	61,021	2,051
Yes	88,445	3,386
No	118,208	4,407
Not stated	7,374	392

HALS MICRO DATA FILE, FOR CANADA,
Distribution of counts for disabled children residing in households.
Weighted / Unweighted.

FIELD DESCRIPTION	WEIGHTED	UNWEIGHTED
E1		
Blank	61,021	2,051
Yes	67,155	3,149
No	140,188	4,658
Not stated	6,685	378
E2		
None	5,964	262
1 kind	34,965	1,336
2 kinds	17,275	827
3 kinds	4,357	395
4 kinds	2,316	159
5 kinds	757	67
6 kinds or more	1,430	89
Blank	207,902	7,089
Not stated	84	12
E3		
None	47,558	2,157
1 kind	12,408	610
2 kinds	3,831	169
3 kinds or more	1,080	118
Blank	207,902	7,089
Not stated	2,270	93

HALS MICRO DATA FILE, FOR CANADA ,
Distribution of counts for disabled children residing in households.
Weighted / Unweighted.

FIELD DESCRIPTION	WEIGHTED	UNWEIGHTED
F1		
Blank	61,021	2,051
Yes	81,236	3,538
No	124,138	4,242
Not stated	8,654	405
F2A		
Blank	193,087	6,281
Yes	41,231	1,757
None	36,528	1,482
Not asked	829	480
Not stated	3,373	236
F2B		
Blank	193,087	6,281
Yes	37,380	1,396
None	38,979	1,792
Not asked	829	480
Not stated	4,774	287
F2C		
Blank	193,087	6,281
Yes	12,012	553
None	61,079	2,530
Not asked	829	480
Not stated	8,041	392
F2D		
Blank	193,087	6,281
Yes	4,573	216
None	68,482	2,848
Not asked	829	480
Not stated	8,078	411
F2E		
Blank	193,087	6,281
Yes	10,798	328
None	61,761	2,720
Not asked	829	480
Not stated	8,573	427
F2F		
Blank	193,087	6,281
Yes	29,249	1,792
None	43,917	1,380
Not asked	829	480
Not stated	7,967	303
F2G		
Blank	193,087	6,281
Yes	6,976	409
None	64,603	2,632
Not asked	829	480
Not stated	9,553	434
F2H		
Blank	193,087	6,281
Yes	10,845	529
None	57,639	2,387
Not asked	829	480
Not stated	12,648	559
F2TOTAL		
Blank	193,813	6,698
No expenses reported	1,686	37
$1 - $499	46,847	1,749
$500 - $999	9,634	678
$1,000 or more	23,068	1,074

HALS MICRO DATA FILE, FOR CANADA,
Distribution of counts for disabled children in households.
Weighted / Unweighted.

FIELD DESCRIPTION	WEIGHTED	UNWEIGHTED
AGE		
Less than one year	8,762	242
1 Year	8,798	339
2 Years	10,954	434
3 Years	12,679	495
4 Years	19,829	542
5 Years	13,869	611
6 Years	25,520	681
7 Years	19,610	755
8 Years	21,588	777
9 Years	21,775	803
10 Years	17,188	829
11 Years	16,619	888
12 Years	24,261	845
13 Years	22,582	908
14 Years	31,014	1,087
CFAMSIZE		
1 Person	9,700	645
2 Persons	15,610	521
3 Persons	48,154	1,688
4 Persons	107,388	3,742
5 Persons	64,790	2,250
6 Persons	22,238	869
7 Persons	4,589	283
8 Persons and more	2,580	238
EFAMSIZE		
1 Person	7,599	397
2 Persons	13,102	397
3 Persons	47,262	1,635
4 Persons	108,031	3,680
5 Persons	66,238	2,378
6 Persons	23,778	980
7 Persons	5,688	359
8 Persons and more	3,351	410
ETHORIG		
British	165,233	6,137
French	67,854	1,928
Other	41,962	2,171
SEVERITY		
Blank	-	-
Mild	202,358	4,985
Moderate	48,892	3,120
Severe	23,799	2,131
SEX		
Female	120,223	4,428
Male	154,826	5,808
BUILT		
Built in 1920 or before	23,163	785
Built during period 1921-1945	23,429	910
Built during period 1946-1960	34,748	1,462
Built during 1961-1970	46,482	1,642
Built during 1971-1975	55,156	2,051
Built during 1976-1980	59,804	1,926
Built during 1981-1985	30,226	1,273
Built in 1986	1,469	86
Not applicable	572	101
CFAMST		
Not applicable	492	33
Child in a census family	265,349	9,591
Not a member of census family	9,209	612

See footnotes at end of table.

HALS MICRO DATA FILE, FOR CANADA,
Distribution of counts for disabled children in households.
Weighted / Unweighted.

-Continued

FIELD DESCRIPTION	WEIGHTED	UNWEIGHTED
CFINC		
Less than 0	1,273	37
$0	9,777	710
$1 to $4999	9,543	514
$5000 to $9999	22,138	766
$10000 to $14999	24,507	965
$15000 to $19999	19,748	777
$20000 to $24999	26,267	845
$25000 to $29999	30,164	959
$30000 to $34999	18,437	936
$35000 to $39999	34,352	898
$40000 to $49999	36,110	1,310
$50000 and more	42,734	1,519
DTYPE		
Aprtm. 5 storeys and more	8,181	117
Mob. home/other movable dwel.	5,151	235
Single-detached house	193,750	7,598
Other	67,966	2,286
EFINC		
Less than 0	1,269	36
$0	7,690	464
$1 to $4999	9,083	471
$5000 to $9999	20,337	732
$10000 to $14999	24,871	973
$15000 to $19999	19,905	798
$20000 to $24999	27,875	899
$25000 to $29999	30,014	972
$30000 to $34999	18,553	952
$35000 to $39999	34,586	936
$40000 to $49999	36,284	1,358
$50000 and more	44,582	1,645
EFAMST		
Not applicable	492	33
Never married child	262,688	9,463
Economic family other member	4,761	376
Unattached individual	7,108	364
MOB5		
Not applicable	61,021	2,051
Different CSD	42,312	1,588
Outside Canada	1,470	70
Same CSD-different dwelling	53,872	1,990
Same dwelling	116,374	4,537
ROOMS		
Not applicable	572	101
1 to 4 rooms	30,034	1,160
5 to 7 rooms	163,623	5,862
8 rooms or more	80,819	3,113
RUINDFG		
Rural	84,898	3,913
Urban	190,150	6,323
UNITS		
2 to 5 persons	235,624	8,196
6 persons or more	39,425	2,040

- NIL OR ZERO

HALS MICRO DATA FILE, FOR CANADA,
Distribution of counts for non-disabled children in households.
Weighted / Unweighted.

FIELD DESCRIPTION	WEIGHTED	UNWEIGHTED
AGE		
Less than one year	373,477	2,175
1 Year	313,382	1,753
2 Years	341,981	1,734
3 Years	351,865	1,776
4 Years	344,613	1,675
5 Years	349,984	1,595
6 Years	356,008	1,681
7 Years	315,041	1,550
8 Years	338,058	1,488
9 Years	311,467	1,499
10 Years	321,482	1,539
11 Years	344,068	1,628
12 Years	321,943	1,556
13 Years	302,000	1,612
14 Years	361,899	1,660
CFAMSIZE		
1 Person	76,995	1,335
2 Persons	198,591	1,022
3 Persons	933,488	4,126
4 Persons	2,129,086	8,812
5 Persons	1,145,542	5,411
6 Persons	395,539	2,457
7 Persons	97,727	793
8 Persons and more	70,299	965
EFAMSIZE		
1 Person	22,366	278
2 Persons	139,912	644
3 Persons	873,270	3,764
4 Persons	2,048,662	8,437
5 Persons	1,251,153	5,875
6 Persons	457,288	2,952
7 Persons	132,787	1,172
8 Persons and more	121,830	1,799
ETHORIG		
British	2,822,554	14,160
French	1,201,651	2,772
Other	1,023,062	7,989
SEVERITY		
Blank	5,047,268	24,921
Mild	-	-
Moderate	-	-
Severe	-	-
SEX		
Female	2,473,240	12,182
Male	2,574,027	12,739
BUILT		
Built in 1920 or before	443,062	1,786
Built during period 1921-1945	454,648	2,007
Built during period 1946-1960	697,294	2,914
Built during 1961-1970	820,890	3,723
Built during 1971-1975	921,636	4,689
Built during 1976-1980	948,571	5,066
Built during 1981-1985	724,412	4,408
Built in 1986	35,768	258
Not applicable	987	70
CFAMST		
Not applicable	700	34
Child in a census family	4,970,273	23,586
Not a member of census family	76,295	1,301

See footnotes at end of table.

HALS MICRO DATA FILE, FOR CANADA,
Distribution of counts for non-disabled children in households.
Weighted / Unweighted.

-Continued

FIELD DESCRIPTION	WEIGHTED	UNWEIGHTED
CFINC		
Less than 0	22,528	93
$0	81,153	1,385
$1 to $4999	165,513	1,373
$5000 to $9999	209,539	1,921
$10000 to $14999	339,225	2,284
$15000 to $19999	346,511	2,120
$20000 to $24999	385,612	2,297
$25000 to $29999	511,205	2,259
$30000 to $34999	554,160	2,311
$35000 to $39999	574,726	2,236
$40000 to $49999	752,736	2,920
$50000 and more	1,104,360	3,722
DTYPE		
Aprtm. 5 storeys and more	109,192	214
Mob. home/other movable dwel.	79,316	681
Single-detached house	3,645,531	19,910
Other	1,213,229	4,116
EFINC		
Less than 0	21,896	91
$0	24,262	327
$1 to $4999	157,094	1,230
$5000 to $9999	190,475	1,888
$10000 to $14999	320,531	2,338
$15000 to $19999	336,843	2,197
$20000 to $24999	388,006	2,474
$25000 to $29999	514,513	2,358
$30000 to $34999	560,797	2,463
$35000 to $39999	568,042	2,330
$40000 to $49999	782,176	3,137
$50000 and more	1,182,633	4,088
EFAMST		
Not applicable	700	34
Never married child	4,879,660	22,944
Economic family other member	145,242	1,699
Unattached individual	21,666	244
MOB5		
Not applicable	1,725,317	9,113
Different CSD	554,989	2,362
Outside Canada	56,260	165
Same CSD-different dwelling	796,333	3,922
Same dwelling	1,914,369	9,359
ROOMS		
Not applicable	987	70
1 to 4 rooms	471,314	3,035
5 to 7 rooms	2,875,354	14,735
8 rooms or more	1,699,613	7,081
RUINDFG		
Rural	1,424,426	12,184
Urban	3,622,842	12,737
UNITS		
2 to 5 persons	4,304,918	18,853
6 persons or more	742,349	6,068

- NIL OR ZERO

APPENDIX H

Sampling Variability Tables

CANADA

CHILDREN(0-14 YEARS)

ENFANTS(0-14 ANS)

CHILD POPULATION TOTAL POPULATION ENFANT TOTALE			DISABLED CHILD POPULATION POPULATION ENFANT HANDICAPEE			NON DISABLED CHILD POPULATI POPULATION ENFANT NON HANDIC/		
TOTAL	PROP (%)	CV (%)	TOTAL	PROP (%)	CV (%)	TOTAL	PROP (%)	CV (%)
1000	0.02	65.90	500	0.28	16.36	1000	0.02	66.3
1250	0.02	58.94	750	0.42	13.35	1250	0.02	59.3
1500	0.03	53.80	1000	0.56	11.56	1500	0.03	54.2
1750	0.03	49.81	1250	0.70	10.34	1750	0.03	50.4
2000	0.04	46.59	1500	0.84	9.44	2000	0.04	46.5
3000	0.06	38.04	1750	0.98	8.74	3000	0.06	38.3
4000	0.08	32.94	2000	1.12	8.17	4000	0.08	33.4
5000	0.09	29.46	3000	1.67	6.67	5000	0.10	29.4
6000	0.11	26.89	4000	2.23	5.77	6000	0.12	27.0
7000	0.13	24.89	5000	2.79	5.16	7000	0.14	25.0
8000	0.15	23.28	6000	3.35	4.70	8000	0.16	23.4
9000	0.17	21.95	7000	3.91	4.35	9000	0.18	22.4
10000	0.19	20.82	8000	4.46	4.07	10000	0.20	20.9
15000	0.28	16.99	9000	5.02	3.83	15000	0.30	17.4
20000	0.38	14.71	10000	5.58	3.63	20000	0.40	14.8
30000	0.56	12.00	15000	8.37	2.96	30000	0.59	12.0
40000	0.75	10.38	20000	11.16	2.55	40000	0.79	10.4
50000	0.94	9.28	30000	16.74	2.07	50000	0.99	9.3
60000	1.13	8.46	40000	22.32	1.78	60000	1.19	8.5
70000	1.32	7.82	50000	27.90	1.58	70000	1.39	7.8
80000	1.50	7.31	60000	33.48	1.43	80000	1.59	7.3
90000	1.69	6.89	70000	39.06	1.32	90000	1.78	6.9
100000	1.88	6.53	80000	44.64	1.22	100000	1.98	6.5
125000	2.35	5.82	90000	50.22	1.14	125000	2.48	5.8
150000	2.82	5.30	100000	55.80	1.08	150000	2.97	5.3
200000	3.76	4.57	125000	69.75	0.95	200000	3.96	4.6
250000	4.70	4.07	150000	83.70	0.85	250000	4.95	4.0
300000	5.64	3.70				300000	5.94	3.7
350000	6.58	3.40				350000	6.93	3.4
400000	7.52	3.17				400000	7.93	3.1
450000	8.45	2.97				450000	8.92	2.9
500000	9.39	2.81				500000	9.91	2.8
750000	14.09	2.23				750000	14.86	2.2
1000000	18.79	1.88				1000000	19.81	1.8
2000000	37.58	1.16				2000000	39.63	1.1
3000000	56.37	0.79				3000000	59.44	0.7
4000000	75.16	0.52				4000000	79.25	0.4
5000000	93.94	0.23				5000000	99.06	0.0

CHILDREN(0-14 YEARS/ENFANTS(0-14 ANS)

POPULATION ENFANT TOTALE

TOTAL	PROP (%)	CV (%)
1000	0.19	34.71
1250	0.24	31.04
1500	0.29	28.33
1750	0.34	26.22
2000	0.38	24.52
3000	0.58	20.00
4000	0.77	17.31
5000	0.96	15.46
6000	1.15	14.10
7000	1.35	13.04
8000	1.54	12.19
9000	1.73	11.48
10000	1.92	10.88
11000	2.11	10.36
12000	2.31	9.91
13000	2.50	9.52
14000	2.69	9.16
15000	2.88	8.84
16000	3.08	8.55
17000	3.27	8.29
18000	3.46	8.05
19000	3.65	7.82
20000	3.84	7.62
21000	4.04	7.43
22000	4.23	7.25
23000	4.42	7.08
24000	4.61	6.93
25000	4.81	6.78
30000	5.77	6.16
35000	6.73	5.67
40000	7.69	5.28
45000	8.65	4.95
50000	9.61	4.67
60000	11.53	4.22
70000	13.46	3.86
80000	15.38	3.57
90000	17.30	3.33
100000	19.22	3.12
125000	24.03	2.71
150000	28.83	2.39
200000	38.44	1.93
250000	48.05	1.58
300000	57.66	1.31
350000	67.28	1.06
400000	76.89	0.84
450000	86.50	0.60
500000	96.11	0.31

POPULATION ENFANT HANDICAPEE

TOTAL	PROP (%)	CV (%)
500	2.59	10.99
750	3.88	8.95
1000	5.17	7.73
1250	6.46	6.90
1500	7.76	6.29
1750	9.05	5.81
2000	10.34	5.42
3000	15.51	4.39
4000	20.69	3.77
5000	25.86	3.34
6000	31.03	3.02
7000	36.20	2.77
8000	41.37	2.56
9000	46.54	2.39
10000	51.72	2.25
11000	56.89	2.12
12000	62.06	2.01
13000	67.23	1.91
14000	72.40	1.82
15000	77.57	1.74
16000	82.75	1.66
17000	87.92	1.60
18000	93.09	1.53
19000	98.26	1.47

POPULATION ENFANT NON HANDICAP

TOTAL	PROP (%)	CV (%)
1000	0.20	34.96
1250	0.26	31.26
1500	0.31	28.53
1750	0.36	26.41
2000	0.41	24.69
3000	0.61	20.14
4000	0.82	17.43
5000	1.02	15.57
6000	1.22	14.20
7000	1.43	13.13
8000	1.63	12.27
9000	1.84	11.56
10000	2.04	10.95
11000	2.25	10.43
12000	2.45	9.98
13000	2.65	9.58
14000	2.86	9.22
15000	3.06	8.90
16000	3.27	8.60
17000	3.47	8.34
18000	3.67	8.10
19000	3.88	7.87
20000	4.08	7.66
21000	4.29	7.47
22000	4.49	7.29
23000	4.69	7.12
24000	4.90	6.97
25000	5.10	6.82
30000	6.12	6.19
35000	7.14	5.70
40000	8.17	5.30
45000	9.19	4.97
50000	10.21	4.69
60000	12.25	4.23
70000	14.29	3.87
80000	16.33	3.58
90000	18.37	3.33
100000	20.41	3.12
125000	25.52	2.70
150000	30.62	2.38
200000	40.83	1.90
250000	51.03	1.55
300000	61.24	1.26
350000	71.44	1.00
400000	81.65	0.75
450000	91.86	0.47

CHILDREN(0-14 YEARS)

ENFANTS(0-14 ANS)

CHILD POPULATION TOTAL			DISABLED CHILD POPULATION			NON DISABLED CHILD POPULATION		
POPULATION ENFANT TOTALE			POPULATION ENFANT HANDICAPEE			POPULATION ENFANT NON HANDICA		
TOTAL	PROP (%)	CV (%)	TOTAL	PROP (%)	CV (%)	TOTAL	PROP (%)	CV (%)
4000	0.30	56.10				4000	0.32	56.4
5000	0.38	50.16	500	1.24	25.37	5000	0.40	50.4
6000	0.45	45.77	750	1.86	20.71	6000	0.48	46.0
7000	0.53	42.36	1000	2.48	17.92	7000	0.56	42.4
8000	0.60	39.61	1250	3.10	16.02	8000	0.64	39.8
9000	0.68	37.33	1500	3.72	14.62	9000	0.71	37.5
10000	0.76	35.40	1750	4.34	13.53	10000	0.79	35.6
11000	0.83	33.74	2000	4.95	12.65	11000	0.87	33.9
12000	0.91	32.29	3000	7.43	10.31	12000	0.95	32.4
13000	0.98	31.01	4000	9.91	8.91	13000	1.03	31.2
14000	1.06	29.87	5000	12.39	7.96	14000	1.11	30.0
15000	1.13	28.85	6000	14.86	7.25	15000	1.19	29.0
16000	1.21	27.92	7000	17.34	6.70	16000	1.27	28.0
17000	1.28	27.08	8000	19.82	6.26	17000	1.35	27.2
18000	1.36	26.31	9000	22.29	5.89	18000	1.43	26.4
19000	1.44	25.59	10000	24.77	5.58	19000	1.51	25.7
20000	1.51	24.94	15000	37.16	4.51	20000	1.59	25.0
21000	1.59	24.33	20000	49.54	3.87	21000	1.67	24.4
22000	1.66	23.76	25000	61.93	3.43	22000	1.75	23.9
23000	1.74	23.23	30000	74.31	3.10	23000	1.83	23.3
24000	1.81	22.73	35000	86.70	2.84	24000	1.91	22.8
25000	1.89	22.26	40000	99.09	2.63	25000	1.98	22.3
30000	2.27	20.28				30000	2.38	20.4
35000	2.65	18.74				35000	2.78	18.8
40000	3.02	17.50				40000	3.18	17.5
45000	3.40	16.46				45000	3.57	16.5
50000	3.78	15.59				50000	3.97	15.6
55000	4.16	14.83				55000	4.37	14.9
60000	4.53	14.17				60000	4.76	14.2
65000	4.91	13.59				65000	5.16	13.6
70000	5.29	13.07				70000	5.56	13.1
75000	5.67	12.60				75000	5.95	12.6
80000	6.05	12.18				80000	6.35	12.2
85000	6.42	11.79				85000	6.75	11.8
90000	6.80	11.44				90000	7.15	11.4
95000	7.18	11.11				95000	7.54	11.1
100000	7.56	10.80				100000	7.94	10.8
125000	9.45	9.56				125000	9.92	9.6
150000	11.34	8.64				150000	11.91	8.6
200000	15.11	7.32				200000	15.88	7.3
250000	18.89	6.40				250000	19.85	6.4
300000	22.67	5.71				300000	23.82	5.7
350000	26.45	5.15				350000	27.79	5.1
400000	30.23	4.69				400000	31.76	4.6
450000	34.01	4.30				450000	35.73	4.2
500000	37.79	3.96				500000	39.70	3.9
750000	56.68	2.70				750000	59.55	2.6
1000000	75.57	1.76				1000000	79.40	1.6

CHILD POPULATION TOTAL
POPULATION ENFANT TOTALE

OTAL	PROP (%)	CV (%)
4000	0.22	61.05
5000	0.27	54.59
6000	0.32	49.82
7000	0.38	46.11
8000	0.43	43.12
9000	0.48	40.64
0000	0.54	38.55
1000	0.59	36.74
2000	0.65	35.17
3000	0.70	33.78
4000	0.75	32.54
5000	0.81	31.43
6000	0.86	30.43
7000	0.91	29.51
8000	0.97	28.67
9000	1.02	27.90
0000	1.08	27.18
1000	1.13	26.52
2000	1.18	25.90
3000	1.24	25.33
4000	1.29	24.79
5000	1.35	24.28
0000	1.61	22.14
5000	1.88	20.47
0000	2.15	19.12
5000	2.42	18.00
0000	2.69	17.05
5000	2.96	16.24
0000	3.23	15.52
5000	3.50	14.89
0000	3.77	14.33
5000	4.04	13.83
0000	4.31	13.37
5000	4.57	12.95
)000	4.84	12.57
5000	5.11	12.22
)000	5.38	11.89
5000	6.73	10.56
)000	8.07	9.57
)000	10.76	8.16
)000	13.45	7.19
)000	16.14	6.46
)000	18.84	5.89
)000	21.53	5.41
)000	24.22	5.02
)000	26.91	4.67
)000	40.36	3.45
)000	53.81	2.63

DISABLED CHILD POPULATION
POPULATION ENFANT HANDICAPEE

TOTAL	PROP (%)	CV (%)
500	0.78	27.23
750	1.17	22.23
1000	1.57	19.25
1250	1.96	17.21
1500	2.35	15.71
1750	2.74	14.54
2000	3.13	13.60
3000	4.70	11.09
4000	6.26	9.60
5000	7.83	8.58
6000	9.40	7.82
7000	10.96	7.23
8000	12.53	6.76
9000	14.10	6.37
10000	15.66	6.04
15000	23.49	4.90
20000	31.32	4.23
25000	39.15	3.76
30000	46.98	3.42
35000	54.81	3.15
40000	62.65	2.93
45000	70.48	2.75
50000	78.31	2.60

NON DISABLED CHILD POPULATION
POPULATION ENFANT NON HANDICAPE

TOTAL	PROP (%)	CV (%)
4000	0.23	61.52
5000	0.28	55.01
6000	0.34	50.20
7000	0.40	46.46
8000	0.45	43.45
9000	0.51	40.95
10000	0.57	38.84
11000	0.63	37.02
12000	0.68	35.44
13000	0.74	34.04
14000	0.80	32.79
15000	0.85	31.67
16000	0.91	30.65
17000	0.97	29.73
18000	1.02	28.88
19000	1.08	28.11
20000	1.14	27.39
21000	1.19	26.72
22000	1.25	26.10
23000	1.31	25.52
24000	1.36	24.97
25000	1.42	24.46
30000	1.70	22.30
35000	1.99	20.61
40000	2.27	19.25
45000	2.56	18.13
50000	2.84	17.17
55000	3.13	16.35
60000	3.41	15.63
65000	3.69	14.99
70000	3.98	14.43
75000	4.26	13.92
80000	4.55	13.46
85000	4.83	13.03
90000	5.11	12.65
95000	5.40	12.29
100000	5.68	11.96
125000	7.10	10.62
150000	8.52	9.62
200000	11.36	8.20
250000	14.20	7.22
300000	17.05	6.48
350000	19.89	5.89
400000	22.73	5.41
450000	25.57	5.01
500000	28.41	4.66
750000	42.61	3.41
1000000	56.82	2.56

CHILDREN(0-14 YEARS/ENFANTS(0-14 ANS)

POPULATION ENFANT TOTALE			POPULATION ENFANT HANDICAPEE			POPULATION ENFANT NON HANDI		
TOTAL	PROP (%)	CV (%)	TOTAL	PROP (%)	CV (%)	TOTAL	PROP (%)	C (
1000	0.06	53.33	500	0.90	13.38	1000	0.07	53
1250	0.08	47.70	750	1.35	10.92	1250	0.08	48
1500	0.09	43.54	1000	1.80	9.45	1500	0.10	43
1750	0.11	40.30	1250	2.24	8.44	1750	0.11	40
2000	0.12	37.70	1500	2.69	7.70	2000	0.13	38
3000	0.19	30.77	1750	3.14	7.13	3000	0.20	31
4000	0.25	26.64	2000	3.59	6.66	4000	0.26	26
5000	0.31	23.82	3000	5.39	5.43	5000	0.33	24.
6000	0.37	21.74	4000	7.18	4.69	6000	0.39	21.
7000	0.43	20.12	5000	8.98	4.18	7000	0.46	20.
8000	0.49	18.81	6000	10.77	3.81	8000	0.52	18.
9000	0.56	17.73	7000	12.57	3.51	9000	0.59	17.
10000	0.62	16.82	8000	14.37	3.28	10000	0.65	16.
11000	0.68	16.03	9000	16.16	3.08	11000	0.72	16.
12000	0.74	15.34	10000	17.96	2.92	12000	0.78	15.
13000	0.80	14.74	11000	19.75	2.77	13000	0.85	14.
14000	0.86	14.20	12000	21.55	2.65	14000	0.91	14.
15000	0.93	13.71	13000	23.34	2.54	15000	0.98	13.
16000	0.99	13.27	14000	25.14	2.44	16000	1.04	13.
17000	1.05	12.87	15000	26.93	2.35	17000	1.11	12.
18000	1.11	12.50	16000	28.73	2.27	18000	1.17	12.
19000	1.17	12.17	17000	30.53	2.19	19000	1.24	12.
20000	1.23	11.85	18000	32.32	2.13	20000	1.30	11.
21000	1.30	11.57	19000	34.12	2.06	21000	1.37	11.
22000	1.36	11.30	20000	35.91	2.00	22000	1.43	11.
23000	1.42	11.04	21000	37.71	1.95	23000	1.50	11.
24000	1.48	10.81	22000	39.50	1.90	24000	1.56	10.
25000	1.54	10.59	23000	41.30	1.85	25000	1.63	10.
30000	1.85	9.65	24000	43.10	1.81	30000	1.95	9.
35000	2.16	8.92	25000	44.89	1.77	35000	2.28	8.
40000	2.47	8.33	30000	53.87	1.59	40000	2.60	8.
45000	2.78	7.84	35000	62.85	1.45	45000	2.93	7.
50000	3.09	7.43	40000	71.83	1.33	50000	3.25	7.
			45000	80.80	1.24			
60000	3.70	6.76	50000	89.78	1.15	60000	3.90	6.
70000	4.32	6.24	55000	98.76	1.08	70000	4.55	6.
80000	4.94	5.82				80000	5.20	5.
90000	5.55	5.46				90000	5.85	5.
100000	6.17	5.17				100000	6.50	5.
125000	7.71	4.58				125000	8.13	4.
150000	9.26	4.15				150000	9.75	4.
200000	12.34	3.53				200000	13.01	3.
300000	18.51	2.78				300000	19.51	2.
400000	24.68	2.31				400000	26.01	2.
500000	30.85	1.98				500000	32.51	1.
750000	46.28	1.43				750000	48.77	1.
1000000	61.70	1.04				1000000	65.03	1.

APPENDIX I

**Products and Publications from
the Health and Activity Limitation Survey**

Products and Publications from HALS

Available now.....

Custom Data Service

The Health and Activity Limitation Survey can respond to special data requests at an approximate cost of $200-$300 per tabulation. An estimate of cost and delivery date is provided to the client before proceeding with production of the tabulation. Currently, turnaround time is approximately 8 weeks after confirmation of table specifications.

Publications

HALS **Fact Sheets** are a series of one page summaries of pertinent information from the Health and Activity Limitation Survey. Topics available now include data on Transportation, Accommodation, Recreation, Employment and Education, both at the Canada and province levels. Fact Sheets with a focus on seniors and persons with disabilities in institutions at the Canada level are also available. The Fact Sheets are available free of charge.

A **User's Guide** has been produced to provide background information about the survey, a summary of the survey methodology, copies of all questionnaires, a list of available Census variables, and instructions for ordering tabulations through HALS Custom Data Service. There is no charge for this publication.

Disability and the Labour Market - An Analysis of Disabled Persons not in the Labour Force, by Gary L. Cohen, ($15.00) outlines the main factors associated with the high level of non-participation among persons with disabilities who face work limitations. The report focuses on comparisons between persons with disabilities who were active in the labour market and those who were not in the labour market.

Selected Data, for Canada, Provinces and Territories, ($15.00), provides an overview of data from the survey.

Subprovincial/subterritorial profiles feature HALS data at a detailed geographic level. These profiles include selected demographic data for persons residing in households as well as information on the nature and severity of disability, lifestyle, out-of-pocket expenses, income and the barriers faced by persons with disabilities in the conduct of their everyday activities.

Each profile includes data for selected census metropolitan areas (where applicable) as well as data for selected municipalities or groupings of municipalities. The series consists of:

Subprovincial Data for...

	Cat.#
Newfoundland	82-603
Prince Edward Island	82-604
Nova Scotia	82-605
New Brunswick	82-606
Quebec	82-607
Ontario	82-608
Manitoba	82-609
Saskatchewan	82-610
Alberta	82-611
British Columbia	82-612

Subterritorial Data for...

Yukon	82-613
Northwest Territories	82-614

Each publication costs $26.00 ($31.00 outside Canada) except for Quebec and Ontario which each cost $30.00 ($36.00 outside Canada). The entire series of publications are available at the reduced price of $256.00.

Microdata Files

The **first microdata file** contains approximately 132,000 non-identifiable records of **adults aged 15 and over**, (71,900 adults with disabilities and 60,000 non-disabled adults), **residing in households**. Tabulations on this file are possible at the Canada, province and territory level, as well as for 8 census metropolitan areas (CMA): St. John's, Halifax, Montreal, Toronto, Winnipeg, Edmonton, Calgary and Vancouver. If the record is not part of a CMA, its geographic designation (viz urban or rural) is indicated.

The cost of this microdata file including full documentation, is $3000. This documentation includes a record layout and a full description of the 553 variables. Standard statistical packages such as SPSS and SAS can be used to produce tabulations from this file.

The **second microdata file** contains approximately 17,400 non-identifiable records of **disabled adults aged 15 and over residing in health-related institutions.** Tabulations on this file are possible at the Canada level (excluding Yukon and the Northwest Territories) and province level, and by type of institution consisting of two groupings: (special care homes and institutions for the elderly and chronically ill, and all other institutions). The cost of this microdata file, including full documentation, is $1,500.

To be released in 1990

Publications

Highlights: Disabled Persons in Canada is a national counterpart to the subprovincial/ subterritorial profiles released in April 1989. All data presented in the latter profiles are presented for Canada and province/territory levels in this publication; information for some topics will be expanded beyond that which was provided in the subprovincial/subterritorial profile series. The price for this report will be $25.00; it is scheduled for release in March 1990, cat. #82-602.

Special Topic Reports - a series of eight reports. Each report examines a particular subgroup within the population with disabilities, or deals with a major aspect of life for the entire population with disabilities. The series consists of:

The Use of Assistive Devices by Persons with Disabilities

This report will focus on assistive devices used and needed by persons with disabilities aged 15 and older residing in households. A broad range of information will be provided including information on the specific assistive device used by type and severity of the disability. The information is presented for Canada, the provinces and territories.

Employment and Income Characteristics of Persons with a Disability

This report will provide information on the association of employment and income and disability. Using data from HALS and the 1986 Census of Population, the report will examine the differences in labour market activity between the non-disabled population and the population with disabilities for persons aged 15 to 64.

The report will focus on those Canadians with disabilities who are able to work as well as those who are unable to work. It will present results for the individuals with disabilities who returned to school after the onset of their disability as well as those who did not do so.

Selected Socio-Economic Consequences of Disability for Women in Canada

This report will focus on the education, labour force characteristics and income of women with disabilities. This population will be compared to males with disabilities as well as to the non-disabled male and female populations.

Disability and Canada's Aboriginal Population

This report will answer basic questions on the nature and extent of disability among Canada's aboriginal population. Using selected data from HALS and the 1986 Census, the report will provide important background information on the special socio-economic conditions facing aboriginal persons with disabilities, both on and off-reserves.

Barriers Confronting Seniors with Disabilities in Canada

This report will present an analysis of the characteristics of seniors with disabilities residing both in households and institutions. For the first time in Canada, this report will provide an in-depth analysis of the extent of barriers to independent living and the accomplishments in providing support to seniors with disabilities.

This report will document those barriers confronting seniors with disabilities with respect to income, education, transportation, leisure activities and recreation, as well as housing accessibility, and the availability of special aids and devices, special services and supports.

Blindness and Visual Impairment in Canada

This report will analyze HALS data for visually impaired persons residing in households by province, age of onset, gender, severity and cause. The analysis will compare the visually impaired population with the non-disabled population, for variables such as marital status, family structure, education, employment and income and participation in leisure activities.

Profile of the Canadian Population Residing in Health Care Institutions

This report will profile adults with disabilities who reside in health care institutions. The severity, nature and underlying cause of the disability are examined for these persons and a comparison is made with the disabled residing in households. Some areas of analysis will include out-of-pocket expenses, mobility and sources of help for selected activities. As well, a section on children with disabilities in institutions includes analysis by gender, age group and geographic region.

Leisure and Lifestyles of Persons with Disabilities in Canada

This report will analyze the recreation and lifestyles of persons with disabilities residing in households. It will highlight details of the frequency of participation in activities such as visiting friends, talking on the telephone, shopping, etc. as well as obstacles encountered during such participation. The report will also examine support services used and/or needed for everyday activities.