

**ADULT TRAINING SURVEY**

**FEBRUARY 1986**

**MICRO DATA USER'S GUIDE**

**THE SPECIAL SURVEYS GROUP  
STATISTICS CANADA**



## **INTRODUCTION**



**INTRODUCTION:**

The Adult Training Survey 1986 was conducted by Statistics Canada with the cooperation and support of Employment and Immigration Canada. This manual has been produced to facilitate the manipulation of the microdata file of the survey results.

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## ADULT TRAINING SURVEY 1986

### MICRODATA FILE SPECIFICATIONS

**TITLE:** Adult Training Survey

**DATE:** 1986

**FILE SIZE:** 73,699 Records

**SUMMARY:** Conducted as a supplement to the Labour Force Survey, the Adult Training survey was designed to: 1) estimate the number of persons who took training and educational courses in 1984 and 1985 in order to improve career opportunities, maintain or learn new skills related to their job, or for personal interest; 2) determine the accessibility of such education and training; 3) estimate the number of persons being served by Adult Education and Training programs; 4) determine the length of the Adult Training program or course.

**REFERENCE PERIOD:** January 1984 to December 1985

**UNIVERSE:** Civilian household members 17 to 65 years of age, excluding residents of the Yukon, Northwest Territories, and Indian reserves.

**GEOGRAPHIC COVERAGE:** Canada, excluding residents of the Yukon, Northwest Territories and Indian reserves.

**SAMPLE SIZE:** 5 Rotation Groups of the Labour Force Survey, approximately 74,000 individuals, 40,000 Households.

**COLLECTION METHOD:** Personal/telephone interview

**COLLECTION PERIOD:** February 17 - 22, 1986

**SPONSOR:** Employment and Immigration Canada.

**OTHER FORMATS:** Custom Tabulations Available on a cost-recovery basis

**RELATED PUBLICATIONS:** None

**PRICE:** \$500.00 (five hundred dollars) + GST



## **OBJECTIVES**



## **Objectives**

The objectives of the Adult Training Survey were:

- to estimate the number of persons who took training and educational courses in 1984 and 1985 in order to improve career opportunities, maintain or learn new skills related to their job, or for personal interest;
- to determine the accessibility of such education and training as it relates to:
  - the type of program and course offered and who organized it;
  - was the person sponsored for the training through an employer or a Government Manpower program;
  - the cost - was any training allowance or other financial assistance paid by Employment and Immigration Canada?
- to estimate the number of persons being served by adult education and training programs;
- to determine the length of the adult training program or course.



**CONCEPTS AND DEFINITIONS - LFS**



## **CONCEPTS AND DEFINITIONS**

### **Labour Force Status**

Status of the respondent in the labour market : a member of the non-institutional population 15 years and over is designated as either employed, unemployed or not in the labour force.

#### **Employed**

Employed persons are those who, during the reference week:

- (a) did any work<sup>1</sup> at all
- (b) had a job but were not at work due to:
  - own illness or disability
  - personal or family responsibilities
  - bad weather
  - labour dispute
  - vacation
  - other reason not specified above (excluding persons on layoff and persons whose job attachment was to a job start at a definite date in the future).

#### **Unemployed**

Unemployed persons are those who, during the reference week:

- (a) were without work, had actively looked for work in the past four weeks (ending with reference week), and were available for work<sup>2</sup>;

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<sup>1</sup> Work includes any work for pay or profit, that is, paid work in the context of an employer-employee relationship, or self-employment. It also includes unpaid family work where unpaid family work is defined as unpaid work which contributed directly to the operation of a farm, business or professional practice owned or operated by a related member of the household. Such activities may include keeping books, selling products, waiting on tables, and so on. Tasks such as housework or maintenance of the home are not considered unpaid family work.

<sup>2</sup> Persons in this group meeting the following criteria are regarded as available:

(i) were full-time students seeking part-time work who also met condition (ii) below. (Full-time students looking for full-time work are classified as not available for work in the reference week.)

(ii) reported that there was no reason why they could not take a job in reference week, or if they could not take a job it was because of "own illness or disability", "personal or family responsibilities", or "already had a job".

- (b) had not actively looked for work in the past four weeks but had been on layoff<sup>3</sup> and were available for work;
- (c) had not actively looked for work in the past four weeks but had a new job to start in four weeks or less from the reference week, and were available for work.

#### Not in the Labour Force

Those persons in the civilian non-institutional population 15 years of age and over who, during the reference week, were neither employed nor unemployed.

#### Industry and Occupation

The Labour Force Survey provides information about the occupation and industry attachment of employed and unemployed persons, and of persons not in the labour force who have held a job in the past five years. Since 1984, these statistics have been based on the 1980 Standard Occupational Classification and the 1980 Standard Industrial Classification. Prior to 1984, the 1971 Standard Occupational Classification and the 1970 Standard Industrial Classification were used.

#### Reference week

Entire calendar week covered by the Labour Force Survey each month. It is usually the week containing the 15th day of the month. The interviews are conducted during the following week, called the Survey Week, and the labour force status determined is that of the reference week.

#### Full-time

Full-time employment consists of persons who usually work 30 hours or more per week, plus those who usually work less than 30 hours but consider themselves to be employed full-time (e.g. airline pilots).

#### Part-time

Part-time employment consists of all other persons who usually work less than 30 hours per week.

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<sup>3</sup> Persons are classified as being on layoff only when they expect to return to the job from which they were laid off.

## **SURVEY METHODOLOGY**



## **SURVEY METHODOLOGY**

The Adult Training Survey was administered in February 1986 to a sub-sample of the dwellings in the Labour Force Survey (LFS) sample, and therefore its sample design is closely tied to that of the LFS. The LFS design is briefly described below<sup>1</sup>.

### **Population Coverage**

The LFS is a monthly household survey whose sample of individuals is representative of the civilian, non-institutionalized population 15 years of age or older in Canada's ten provinces. Specifically excluded from the survey's coverage are residents of the Yukon and Northwest Territories, persons living on Indian Reserves, full-time members of the Canadian Armed Forces and inmates of institutions. These groups together represent an exclusion of approximately 2% of the population aged 15 or over.

### **Sample Design**

The LFS sample is based upon a stratified, multi-stage design employing probability sampling at all stages of the design. The design principles are the same for each province.

#### **Primary Stratification**

Provinces are first stratified into economic regions - geographic areas of more or less homogeneous economic structure formed on the basis of federal provincial agreements. Economic regions are relatively stable over time.

These economic regions are treated as primary strata and further stratification is carried out within them.

#### **Types of Areas**

Economic regions are further disaggregated into 3 categories: self-representing areas (SRU's), non-self-representing areas (NSRU's) and special areas. Generally SRU's are urban areas whose population as of the 1981 Census exceeds 15,000 persons or whose unique labour force characteristics demand their establishment as SRU's. For the most part, SRU boundaries are coincident with delineations established for the Census.

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<sup>1</sup> A detailed description of the LFS design is available in the Statistics Canada publication entitled **Methodology of the Canadian Labour Force Survey, 1984-1990** (catalogue #71-526).

All SRU's in each economic region are included in the survey and, as the name implies, each is represented by its own sample.

NSRU's are the areas lying outside the SRU's and they consist largely of small urban centres and rural areas. Each economic region contains one NSRU which is represented by its own sample.

A small proportion (approximately 1%) of the LFS population is found in institutions (for example, live-in staff of hospitals or schools or permanent residents of hotels or motels), on military bases (civilian personnel only) or in remote areas of provinces which are not readily accessible to LFS interviewers. For administrative purposes, this portion of the population is sampled separately through the special area frame. This portion of the sample is selected on a province-wide basis, without reference to the stratification used for SRU and NSRU areas.

### **Secondary Stratification**

SRU areas are next individually delineated into design strata, which reflect areas of similar socio-economic status as identified in the 1981 Census. The extent of the stratification (i.e. number of strata) depends upon the size of the SRU.

In economic regions in which the NSRU population constitutes a significant proportion of the economic region population, the NSRU is next delineated into separate urban and rural strata. Within each of these strata, further stratification is carried out to reflect differences on a number of labour force characteristics.

In special areas, strata are formed on a province-wide basis. The strata reflect the main types of special groups in the population which require special administrative sampling procedures. These are: military establishments, institutions and remote areas.

### **Cluster Delineation and Selection**

Within each of the secondary strata found in SRU areas, a number of geographic contiguous groups of dwellings, or clusters, are formed based upon a combination of 1981 Census counts and field enumeration. These clusters generally are coincident with city blocks or block faces. The selection of a sample of clusters (generally 6 or 12 clusters) from each of these secondary strata represents the first stage of sampling in SRU areas.

Within each of the secondary strata in NSRU areas, a number of large geographic areas are delineated in such a way that each one reflects the composition of the stratum within which it is located with respect to a number of socio-economic characteristics. Two or four of these areas, known as primary sampling units (or PSU's) are selected into the sample from each secondary stratum. Within each selected PSU, a number of smaller geographically contiguous groups of dwellings, or clusters, are then formed using well-defined physical features which are recognizable both on maps and in the field.

In special areas, census enumeration areas (geographic areas covered by individual enumerators for the Census) represent the first stage of selection. Within those selected, where necessary, geographically contiguous groups of dwellings or clusters are formed and the selection of a sample of these represents the second stage of sampling.

#### **Dwelling Selection**

In all three types of areas (SRU, NSRU and special areas) selected clusters are first visited by enumerators in the field and a listing of all private dwellings in the cluster is prepared. From the listing a sample of 6 dwellings (on average) is then selected. This represents the final stage of sampling.

In the 17 largest SRU's, a sample of apartments in large apartment buildings is selected from a separate register based upon information supplied by CMHC. The purpose of this is to ensure better representation of apartment dwellers in the sample as well as to minimize the effect of growth in clusters, due to construction of new apartment buildings.

#### **Person Selection**

Demographic information is obtained for all persons for whom the selected dwelling is the usual place of residence. LFS information is obtained for all civilian household members 15 years of age or older.

### **Sample Size**

The sample size of eligible persons in the LFS is determined so as to meet the statistical precision requirements for various labour force characteristics at the provincial and subprovincial level, to meet the requirements of federal, provincial and municipal governments as well as a host of other data users.

### **Sample Rotation**

The LFS employs a panel design whereby the entire monthly sample of dwellings consists of 6 panels, or rotation groups, of approximately equal size. Each of these panels can be considered by itself to be representative of the entire LFS population. All dwellings in a rotation group remain in the LFS sample for 6 consecutive months after which time they are replaced (rotated out of the sample) by a new panel of dwellings selected from the same or similar clusters.

This rotation pattern was adopted to ensure that the sample of dwellings constantly reflects changes in the current housing stock and to minimize any problems of non-response or respondent burden that would occur if households were to remain in the sample for longer than 6 months. It also has the statistical advantage of providing a common sample base for short-term month-to-month comparisons of LFS characteristics.

Because of the rotation group feature, it is possible to readily conduct supplementary surveys using the LFS design but employing less than the full size sample.

### **Sample Design Modifications for the Adult Training Survey**

The Adult Training Survey employed 5 of 6 rotation groups in the February 1986 LFS sample. For the ATS, the coverage of the LFS was modified to include only those members between the ages of 17 and 65.

**DATA COLLECTION**



## **DATA COLLECTION**

Data collection for the LFS is carried out each month during the week following the LFS reference week, usually the third week of the month.

### **Interviewing for the LFS**

Statistics Canada interviewers, who are part-time employees hired and trained specifically to carry out the LFS, contact each of the sampled dwellings to obtain the required labour force information. Each interviewer contacts approximately 70 dwellings per month.

Dwellings new to the sample are contacted through a personal visit. The interviewer first obtains socio-demographic information for each household member and then obtains labour force information for all eligible members. Provided there is a telephone in the dwelling and permission has been granted, subsequent interviews are conducted by telephone. As a result, approximately 85% of all dwellings are interviewed by telephone. In these subsequent monthly interviews, as they are called, the interviewer confirms the socio-demographic information collected in the first month and collects the labour force information for the current month.

In all dwellings, information about all household members is obtained from a knowledgeable household member - usually the person at home when the interviewer calls. Such 'proxy' reporting, which accounts for approximately 55% of the information collected, is used to avoid the high cost and extended time requirements that would be involved in repeat visits or calls necessary to obtain information directly from each respondent.

At the conclusion of the LFS monthly interviews, interviewers introduce the supplementary survey, if any, to be administered to some or all household members that month.

If, during the course of the six months that a dwelling normally remains in the sample, an entire household moves out and is replaced by a new household, information is obtained about the new household for the remainder of the six-month period.

**Non-Response to the LFS**

Interviewers are instructed to make all reasonable attempts to obtain LFS interviews with members of eligible households. For individuals who at first refuse to participate in the LFS, a letter is sent from the Regional Office to the dwelling address stressing the importance of the survey and the household's cooperation. This is followed by a second call (or visit) from the interviewer. For cases in which the timing of the interviewer's call (or visit) is inconvenient, an appointment is arranged to call back at a more convenient time. For cases in which there is no one home, numerous call backs are made. Under no circumstances are sampled dwellings replaced by other dwellings for reasons of non-response.

Each month, after all attempts to obtain interviews have been made, a small number of non-responding households remain. For households non-responding to the LFS and for which LFS information was obtained in the previous month, this information is brought forward and used as the current month's LFS information. No supplementary survey information is collected for these households.

**DATA PROCESSING**



## **DATA PROCESSING**

The main output of this survey is a "clean" microdata file. This section presents a brief summary of the processing steps involved in producing this file.

### **Data Capture**

Capture of survey data was accomplished using minicomputers located in each of Statistics Canada's Regional Offices. During this process any document containing at least one interviewer-completed item was captured and an unedited version of the computer record was electronically transmitted to Ottawa for further processing.

### **Editing**

The first stage of survey processing undertaken at head office was the replacement of any 'out-of-range' values on the data file with blanks. This process was designed to make further editing easier.

The first type of errors treated was errors of questionnaire flow, where questions which did not apply to the respondent and should therefore not have been answered were found to contain answers. In this case a computer edit automatically eliminated superfluous data by following the flow of the questionnaire implied by answers to previous, and in some cases, subsequent questions.

The second type of errors treated was another error in questionnaire flow, which in this case involved a lack of information in questions which should have been answered. (Errors of this type were flagged in a computer edit and responses imputed from a similar record matched on a set of characteristics deemed to be related to the missing items. When this was not possible and the record still had missing data, a non-response or "not stated" code was assigned to the item).

### **Weighting**

The principle behind estimation in a probability sample such as the LFS is that each person in the sample "represents", besides himself or herself, several other persons not in the sample. For example, in a simple random 2% sample of the population, each person in the sample represents 50 persons in the population.

The weighting phase is a step which calculates, for each record, what this number is and places it on the microdata

file for each record. This weight must be used to derive estimates from the microdata file. (For example, if the number of individuals enrolled in full-time programs at a university during the past 12 months is to be estimated, it is done by selecting the records referring to those individuals in the sample with that characteristic and summing the weights entered on those records).

#### Suppression of Confidential Information

It should be noted that the 'Public Use' microdata files described above differ in a number of important respects from the survey 'master' files held by Statistics Canada. These differences are the result of actions taken to protect the anonymity of individual survey respondents. Users requiring access to information excluded from the microdata files may purchase custom tabulations. Estimates generated will be released to the user, subject to meeting the guidelines for analysis and release outlined later in this document.

#### **Province - Suppression of Geographic Identifiers**

The survey master data file includes explicit geographic identifiers for province, economic region and Census Metropolitan Area. It is also possible to obtain, where sample sizes permit, estimates by urban size class. The survey public-use microdata files do not contain any geographic identifiers below the provincial level.

#### Survey Errors

The survey produces estimates based on information collected from and about a sample survey. Somewhat different estimates might have been obtained if a complete census had been taken using the same questionnaire, interviewers, supervisors, processing methods, etc. as those actually used in the survey. 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 estimate.

Errors which are not related to sampling may occur at almost every phase of a survey operation. Interviewers may misunderstand instructions, respondents may make errors in answering questions, the answers may be incorrectly entered on the questionnaire and errors may be introduced in the processing and tabulation of the data. These are all examples of non-sampling errors.

Over a large number of observations, randomly occurring errors will have little effect on estimates derived from the survey. However, errors occurring systematically will contribute to biases in the survey estimates. Considerable time and effort

was made to reduce non-sampling errors in the survey. Quality assurance measures were implemented at each step of the data collection and processing cycle to monitor the quality of the data. These measures included the use of highly skilled interviewers, extensive training of interviewers with respect to the survey procedures and questionnaire, observation of interviewers to detect problems of questionnaire design or misunderstanding of instructions, procedures to ensure that data capture errors were minimized and coding and edit quality checks to verify the processing logic.

A major source of non-sampling errors in surveys is the effect of non-response on the survey results. The extent of non-response varies from partial non-response (failure to answer just one or some questions) to total non-response. Total non-response occurred because the interviewer was either unable to contact the respondent, no member of the household was able to provide the information, or the respondent refused to participate in the survey. Total non-response was handled by adjusting the weight of households who responded to the survey to compensate for those who did not respond.

In most cases, partial non-response to the survey occurred when the respondent did not understand or misinterpreted a question, refused to answer a question, could not recall the requested information, or could not provide proxy information.

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, 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 (C.V) 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 43% of the designated adults were employed full-time at the time of the survey and that this estimate is found to have standard error of .006. Then the coefficient of variation of the estimate is calculated as:

$$\frac{.006}{.43} \times 100\% = 1.4\%$$

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 this survey.

### **(1) Categorical Estimates**

Categorical estimates are estimates of the number, or percentage of the surveyed population possessing certain characteristics or falling into some defined category. The number of designated adults who were employed full-time at the time of the survey or the proportion of designated adults in Ontario whose total income was more than \$40,000 are examples of such estimates.

#### **Examples of Categorical Questions :**

Do you expect to return to work?

Yes....0

No.....0

Upon returning do you expect to work full-time or part-time?

Full-time....0

part-time....0

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

## (2) Quantitative Estimates

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

An example of a quantitative estimate is the mean number of hours worked during the reference week by designated adults with at least one child under 6 years of age. The numerator is an estimate of the total number of hours worked in the reference week by those designated adults with at least one child under 6 years of age and its denominator is the number of such designated adults with at least one child under 6 years of age.

### Examples of Quantitative type Questions :

How many hours was ... attending day care last week?

|\_|\_| Hours

For 1991, what was your total income from wages and salaries before taxes or deductions?

|\_|\_|\_|\_|\_|\_|\_| .00



**GUIDELINES FOR ANALYSIS AND RELEASE**



## **Guidelines for Analysis and Release**

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.

### **Rounding Guidelines**

In order that estimates for publication or other release derived from these microdata tapes 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 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 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 Adult Training Survey was not self-weighting. When producing simple estimates, including the production of ordinary statistical tables, users must apply the proper sampling weight.

If proper weights are not used, 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 may not allow the generation of estimates that exactly match those available from Statistics Canada, because of their treatment of the weight field,

#### Guidelines for Statistical Analysis

The Adult Training Survey is based upon a complex design, with stratification and multiple stages of selection, and unequal probabilities of selection of respondents. Using data from such complex surveys presents problems to analysts because the survey design and the selection probabilities affect the estimation and variance calculation procedures that should be used.

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

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

#### C.V. Release Guidelines

Before releasing and/or publishing any estimate from these microdata tapes, users should first determine the number of respondents who contribute to the calculation of the estimate. If this number is less than 30, the weighted estimate should not be released regardless of the value of the coefficient of variation for this estimate. For weighted estimates based on sample sizes of 30 or more, users should determine the coefficient of variation of the estimate and follow the guidelines on the next page.

### Sampling Variability Guidelines

Type 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 in 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 exact 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 release OR circumstances. In statistical tables, such estimates should be deleted and replaced by dashes(--)

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

**APPROXIMATE SAMPLING VARIABILITY TABLES**



### **APPROXIMATE SAMPLING VARIABILITY TABLES**

First, in order to supply coefficients of variation which would be applicable to a wide variety of categorical estimates produced from this microdata tape and which could be readily accessed by the user, a set of 'look up' tables, referred to as Approximate Sampling Variability Tables, have been produced.

These coefficients of variation (C.V) are derived using the variance formula for simple random sampling and incorporating a factor which reflects the multi-stage, clustered nature of the sample design. This factor, known as the design effect, was determined by first calculating design effects for a wide range of characteristics and then choosing from among these a conservative value to be used in the look-up tables which would then apply to the entire set of characteristics.

It is to be noted that all coefficients of variation in the Approximate Sampling Variability Tables are approximate and, therefore, unofficial.

Estimates of actual variance for specific variables may be obtained from Statistics Canada on a cost-recovery basis. The use of actual variance estimates would allow users to release otherwise unreleasable estimates, i.e. estimates with coefficients of variation in the 'restricted' range.

### **How to use the C.V. tables**

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

#### **Rule 1: Estimates of Numbers Possessing a Characteristic (Aggregates)**

The coefficient of variation depends only on the size of the estimate itself. On the Sampling Variability Table for the appropriate geographic area, locate the estimated number in the left-most column of the table (headed "Numerator of Percentage") and follow the asterisks (if any) across to the first figure encountered. This figure is the approximate coefficient of variation.

#### **Rule 2: Estimates of Proportions or Percentages Possessing a Characteristic**

The coefficient of variation of an estimated proportion or percentage depends on both the size of the proportion or percentage and the size of the total upon which the proportion or percentage is based. Estimated proportions or percentages are relatively more reliable than the corresponding estimates of the numerator of the proportion or percentage, when the proportion or percentage is based upon a sub-group of the population. For example, the proportion of children under 5 years old who have working mothers is more reliable than the estimated number of children under 5 years old who have working mothers. (Note that in the tables the cv's decline in value reading from left to right).

When the proportion or percentage is based upon the total population of the geographic area covered by the table, the cv of the proportion or percentage is the same as the cv of the numerator of the proportion or percentage. In this case, Rule 1 can be used.

When the proportion or percentage is based upon a subset of the total population (e.g. those in a particular age group), reference should be made to the proportion or percentage (across the top of the table) and to the numerator of the proportion or percentage (down the left side of the table). The intersection of the appropriate row and column gives the coefficient of variation.

**Rule 3: 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:

$$\sigma_d = \sqrt{(\hat{\alpha}_1)^2 + (\hat{\alpha}_2)^2}$$

where  $\hat{X}_1$  is estimate 1,  $\hat{X}_2$  is estimate 2, and  $\alpha_1$  and  $\alpha_2$  are the coefficients of variation of  $\hat{X}_1$  and  $\hat{X}_2$ , respectively. The coefficients of variation of  $\hat{d}$  is given by  $\sigma_d/\hat{d}$ . This formula is accurate for the difference between separate and uncorrelated characteristics, but is only approximate otherwise.

**Rule 4: Estimates of Ratios**

In the case where the numerator is a subset of the denominator, the ratio should be converted to a percentage and Rule 2 applied. This would apply, for example, to the case where the denominator is the number of designated adults and the numerator is the number of designated adults who had a full-time job during the reference period.

In the case where the numerator is not a subset of the denominator, as for example, the ratio of the number of female designated adults who worked full-time during the reference week as compared to the number of female designated adults who worked part-time during the reference week, the standard deviation of the ratio of the estimates is approximately equal to the square root of the sum of squares of each coefficient of variation considered separately multiplied by R. That is, the standard error of a ratio ( $\hat{R} = \hat{X}_1 / \hat{X}_2$ ) is:

$$\sigma_R = \hat{R} \sqrt{\alpha_1^2 + \alpha_2^2}$$

where  $\alpha_1$  and  $\alpha_2$  are the coefficients of variation of  $\hat{X}_1$  and  $\hat{X}_2$ , respectively.

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

### **Rule 5: Estimates of Differences of Ratios**

In this case, Rules 3 and 4 are combined. The cv's for the two ratios are first determined using Rule 4, and then the cv of their difference is found using Rule 3.

The following 'real life' examples are included to assist users in applying the foregoing rules.

#### **Example 1 : Estimates of Numbers Possessing a Characteristic (Aggregates)**

Suppose that a user estimates that 8,209 female designated adults in Manitoba employed part-time worked fewer than 10 hours during the reference week in 1988. How does the user determine the coefficient of variation of this estimate?

- (1) Refer to the designated adult table for Manitoba on the following page.
- (2) The estimated aggregate, 8,209, does not appear in the left-hand column (the 'Numerator of Percentage' column), so it is necessary to use the figure closest to it, namely 8,000.
- (3) The coefficient of variation for an estimated aggregate is found by referring to the first non-asterisk entry on that row, namely, 12.2%.
- (4) So the approximate coefficient of variation of the estimate is 12.2%.

The finding that there were 8,209 female DAs who worked fewer than 10 hours in the reference week in Manitoba is publishable with no qualifications.

Approximate Sampling Variability Tables

National child care survey - sept 1988

Manitoba

Numerator of Percentage (.000)	Estimated Percentage								
	0.1%	1.0%	2.0%	5.0%	10.0%	15.0%	20.0%	25.0%	30.0%
1	36.1	35.9	35.3	34.4	33.4	32.4	31.4	30.3	29.2
2	25.4	25.0	24.3	23.6	22.9	22.2	21.5	20.7	19.9
3	20.4	19.9	19.3	18.7	18.1	17.5	16.9	16.2	15.8
4	17.2	17.0	16.7	16.2	15.7	15.2	14.6	14.0	12.8
5	15.8	15.4	14.9	14.5	14.0	13.6	13.1	12.6	11.5
6	14.0	13.6	13.2	12.8	12.4	11.9	11.5	10.5	8.1
7	13.0	12.6	12.3	11.9	11.5	11.0	10.6	9.7	7.5
8	12.2	11.8	11.5	11.1	10.7	10.3	9.9	9.1	7.0
9	11.5	11.1	10.8	10.5	10.1	9.7	9.4	8.5	6.6
10	10.9	10.6	10.3	9.9	9.6	9.2	8.9	8.1	6.3
11	10.4	10.1	9.8	9.5	9.1	8.8	8.5	7.7	6.0
12	9.6	9.4	9.1	8.8	8.4	8.1	7.4	5.7	3.3
13	9.3	9.0	8.7	8.4	8.1	7.8	7.5	6.9	5.3
14	8.9	8.7	8.4	8.1	7.8	7.5	7.3	6.6	5.1
15	8.6	8.4	8.1	7.8	7.5	7.3	7.0	6.4	5.0
16	8.4	8.1	7.9	7.6	7.3	7.0	6.8	6.2	4.8
17	7.9	7.6	7.4	7.1	6.8	6.5	6.2	5.9	4.7
18	7.6	7.4	7.2	6.9	6.6	6.3	6.0	5.7	4.6
19	7.4	7.2	7.0	6.7	6.4	6.1	5.9	5.6	4.6
20	7.3	7.0	6.8	6.5	6.3	6.0	5.7	5.4	4.6
21	7.1	6.9	6.6	6.4	6.1	5.8	5.6	5.1	4.0
22	6.9	6.7	6.5	6.2	6.0	5.5	5.2	4.9	3.6
23	6.5	6.3	6.1	5.9	5.7	5.4	5.1	4.8	3.4
24	6.4	6.2	6.0	5.7	5.5	5.2	4.9	4.6	3.2
25	6.3	6.1	5.8	5.6	5.3	5.1	4.7	4.4	3.0
30	5.5	5.3	5.1	4.9	4.7	4.5	4.3	4.1	2.7
35	5.9	5.7	5.5	5.3	5.1	4.9	4.7	4.5	2.6
40	5.6	5.4	5.2	5.0	4.8	4.6	4.4	4.2	2.4
45	5.3	5.1	4.9	4.7	4.5	4.3	4.1	3.9	2.0
50	5.0	4.8	4.6	4.4	4.2	4.0	3.8	3.6	1.6
55	4.7	4.5	4.3	4.1	3.9	3.7	3.5	3.3	1.5
60	4.4	4.2	4.0	3.8	3.6	3.4	3.2	3.0	1.4
65	4.1	3.9	3.7	3.5	3.3	3.1	2.9	2.7	1.4
70	3.8	3.6	3.4	3.2	3.0	2.8	2.6	2.4	1.3
75	3.5	3.3	3.1	2.9	2.7	2.5	2.3	2.1	1.3
80	3.2	3.0	2.8	2.6	2.4	2.2	2.0	1.8	1.2
85	2.9	2.7	2.5	2.3	2.1	1.9	1.7	1.5	1.2
90	2.6	2.4	2.2	2.0	1.8	1.6	1.4	1.2	1.0
95	2.3	2.1	1.9	1.7	1.5	1.3	1.1	0.9	0.7

Notes: For correct usage of these tables refer to the Microdata Documentation

Approximate Sampling Variability Tables  
 National child care survey - sept 1988

Canada

Numerator of Percentage (.000)	Estimated Percentage								
	0.1%	1.0%	2.0%	5.0%	10.0%	15.0%	20.0%	25.0%	30.0%
250	3.1	2.9	2.8	2.7	2.6	2.5	2.3	1.8	1.0
300	2.7	2.7	2.6	2.5	2.4	2.3	2.1	1.6	0.9
350	2.5	2.5	2.4	2.3	2.2	2.1	1.9	1.5	0.9
400	2.4	2.3	2.2	2.1	2.1	2.0	1.8	1.4	0.8
450	2.2	2.1	2.0	2.0	1.9	1.9	1.7	1.3	0.8
500	2.1	2.0	1.9	1.9	1.8	1.8	1.6	1.3	0.7
750	1.6	1.5	1.5	1.5	1.5	1.5	1.3	1.0	0.6
1000	1.3	1.3	1.3	1.3	1.3	1.3	1.1	0.9	0.5
1500	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.4	0.4
2000	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6

Notes: For correct usage of these tables refer to the Microdata Documentation

**Example 2 : Estimates of Proportions or Percentages Possessing a Characteristic**

Suppose that the user estimates that 36.7% of female designated adults in Manitoba employed part-time worked fewer than 10 hours during the reference week in 1988. This is the expression of the estimate obtained in **Example 1** as a percentage of all Manitoba female designated adults employed part-time. How does the user determine the coefficient of variation of this estimate?

- (1) Refer to the designated adult table for Manitoba.
- (2) Because the estimate is a percentage which is based on a subset of the total population (i.e., designated adults), it is necessary to use both the percentage (36.7%) and the numerator portion of the percentage (8,209) in determining the coefficient of variation.
- (3) The numerator, 8,209, does not appear in the left-hand column (the 'Numerator of Percentage' column) so it is necessary to use the figure closest to it, namely 8,000. Similarly, the percentage estimate does not appear as any of the column headings, so it is necessary to use the figure closest to it, namely, 35.0%.
- (4) The figure at the intersection of the row and column used, namely, 10.3% is the coefficient of variation to be used.
- (5) So the approximate coefficient of variation of the estimate is 10.3%.

The finding that 36.7% of female DAs who were employed part-time in Manitoba worked fewer than 10 hours in the reference week can be published with no qualifications.

**Example 3 : Estimates of Differences Between Aggregates or Percentages**

Suppose that a user estimates that 36.7% of female designated adults in Manitoba and 48% of female designated adults in Ontario employed part-time worked fewer than 10 hours during the reference week in 1988. How does the user determine the coefficient of variation of the difference between these two estimates?

From Example 2, the C.V. for the Manitoba estimate was calculated to be 10.3%. Let us assume that the C.V. for the Ontario estimate is 5.2%.

Using rule 3, the standard error of a difference ( $\hat{d} = \hat{X}_1 - \hat{X}_2$ ) is:

$$\sigma_d = \sqrt{(\hat{X}_1 - \alpha_1)^2 + (\hat{X}_2 - \alpha_2)^2}$$

where  $\hat{X}_1$  is estimate 1,  $\hat{X}_2$  is estimate 2, and  $\alpha_1$  and  $\alpha_2$  are the coefficients of variation of  $\hat{X}_1$  and  $\hat{X}_2$  respectively.

That is, standard error of the difference  $\hat{d} = \hat{X}_1 - \hat{X}_2$  is:

$$\begin{aligned}\sigma_d &= \sqrt{(.367 \times .103)^2 + (.48 \times .052)^2} \\ &= \sqrt{.0014289 + .000623} \\ &= .045\end{aligned}$$

The coefficient of variation of  $\hat{d}$  is given by  $\sigma_d/\hat{d} = .045/.113 = .398$ .

So the approximate coefficient of variation of the difference between the estimates is 39.8%. This estimate can not be released under any circumstance and should be deleted and replaced by dashes.

**Example 4 : Estimates of Ratios**

Suppose that the user estimates that 1,069,173 female designated adults were employed full-time during the reference week and 462,903 female designated adults were employed part-time during the reference week. The user is interested in comparing the estimate of female designated adults employed full-time versus those employed part-time. How does the user determine the coefficient of variation of this estimate?

- (1) First of all, this estimate is a ratio estimate, where the numerator of the estimate ( $= \hat{X}_1$ ) is the number of female designated adults who were employed full-time. The denominator of the estimate ( $= \hat{X}_2$ ) is the total number of female designated adults who were employed part-time.
- (2) Refer to the designated adult table for Canada on the page provided.
- (3) The numerator of this ratio estimate is 1,069,173. The figure closest to it is 1,000,000. The coefficient of variation for this estimate is found by referring to the first non-asterisk entry on that row, namely, 1.3%.
- (4) The denominator of this ratio estimate is 462,903. The figure closest to it is 450,000. The coefficient of variation for this estimate is found by referring to the first non-asterisk entry on that row, namely, 2.2%.
- (5) So the approximate coefficient of variation of the ratio estimate is given by rule 4, which is,

$$c.v_R = \sqrt{\alpha_1^2 + \alpha_2^2}$$

where  $\alpha_1$  and  $\alpha_2$  are the coefficients of variation of  $\hat{X}_1$  and  $\hat{X}_2$  respectively.

That is ,

$$c.v_R = \sqrt{(0.013)^2 + (0.022)^2} = 2.56\%$$

The obtained ratio of DAs employed full-time versus part-time is  $1,069,173/462,903$  which is 2.3 : 1. The coefficient of variation of this estimate is 2.56%, which is releasable with no qualifications.

### 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 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  $\hat{X}$ , and then using the following formula to convert to a confidence interval CI:

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

where  $\alpha_{\hat{X}}$  is the determined coefficient of variation of  $\hat{X}$

$t = 1$  if a 68% confidence interval is desired  
 $t = 1.6$  if a 90% confidence interval is desired  
 $t = 2$  if a 95% confidence interval is desired  
 $t = 3$  if a 99% confidence interval is desired

**Note:** Release guidelines which apply to the estimate also apply to the confidence interval. For example, if the estimate is not releasable, then the confidence interval is not releasable either.

#### Example 5

A 95% confidence interval for the estimated proportion of female designated adults in Manitoba employed part-time, who worked fewer than 10 hours during the reference week in 1988 (from Example 2 above) would be calculated as follows.

$X = 36.7\%$  (or expressed as a proportion = .367)

$t = 2$

$\alpha_{\hat{X}} = 10.3\%$  (.103 expressed as a proportion) is the coefficient of variation of this estimate as determined from the tables.

$$CI_x = \{ .367 - (2) (.367) (.103), .367 + (2) (.367) (.103) \}$$

$$CI_x = \{ .367 - .0756, .367 + .0756 \}$$

$$CI_x = \{ .2914, .4426 \}$$

With 95% confidence it can be said that between 29% and 44% of female DA's in Manitoba employed part-time worked fewer than 10 hours during the reference week in 1988.

### t-test

Standard errors may also be used to perform hypothesis testing, a procedure for distinguishing between population parameters using sample estimates. The sample estimates can be numbers, averages, percentages, ratios, etc. Tests may be performed at various levels of significance, where a level of significance is the probability of concluding that the characteristics are different when, in fact, they are identical.

Let  $\hat{x}_1$  and  $\hat{x}_2$  be sample estimates for 2 characteristics of interest. Let the standard error on the difference  $\hat{x}_1 - \hat{x}_2$  be  $\sigma_d$

If  $t = \frac{\hat{x}_1 - \hat{x}_2}{\sigma_d}$  is between -2 and 2, then no conclusion.

about the difference between the characteristics is justified at the 5% level of significance. If however, this ratio is smaller than -2 or larger than +2, the observed difference is significant at the 0.05 level. That is to say that the characteristics are significant.

### **Example 6**

Let us suppose we wish to test, at 5% level of significance the hypothesis that there is no difference in estimates between Manitoba and Ontario of female designated adults employed part-time who worked fewer than 10 hours during the reference week.

From example 3, the standard error of the difference between these two estimates was found to be = .045. Hence ,

$$t = \frac{\hat{X}_1 - \hat{X}_2}{\sigma_d} = \frac{.48 - .367}{.045} = \frac{.113}{.045} = 2.51.$$

Since  $t = 2.51$  is larger than 2, it can be concluded that the observed difference is significant at the 0.05 level. That is, there is a significant difference between the two estimates.

### **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 Adult Training Survey are primarily categoric 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 category estimate (i.e., the estimate of the number of persons contributing to the quantitative estimates). If the corresponding category estimate is not releasable, the quantitative estimate will not be either. For example, the coefficient of variation of the total number of hours spent by children in a daycare centre of working mothers who used daycare would be greater than the coefficient of variation of the corresponding proportion of working mothers who used daycare. Hence if the coefficient of variation of the proportion is not releasable, then the coefficient of variation of the corresponding quantitative estimate will also not be releasable.

Coefficients of variation of such estimates can be derived as required for a specific estimate using a technique known as pseudo replication. This involves 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.

**CV TABLES**



Approximate Variance Tables

Adult Training Survey February 1986 - All Other Training

Canada

Numerator of Percentage (.000)	0.1%	1.0%	2.0%	5.0%	10.0%	15.0%	20.0%	25.0%	30.0%	35.0%	40.0%	50.0%	70.0%	90.0%
1	81.7	81.4	81.0	79.7	77.6	75.4	73.1	70.8	68.4	65.9	63.3	57.8	44.8	25.9
2	57.8	57.5	56.4	54.9	53.3	51.7	50.1	48.4	46.6	44.8	40.9	31.7	18.3	
3	47.2	47.0	46.0	44.8	43.5	42.2	40.9	39.5	38.1	36.6	33.4	25.9	14.9	
4	40.9	40.7	40.5	39.9	38.8	37.7	36.6	35.4	34.2	33.0	31.7	28.9	22.4	12.9
5	36.6	36.4	36.2	35.6	34.7	33.7	32.7	31.7	30.6	29.5	28.3	25.9	20.0	11.6
6	33.4	33.2	33.1	32.5	31.7	30.8	29.9	28.7	27.9	26.9	25.9	23.6	18.3	10.6
7	30.9	30.8	30.6	30.1	29.3	28.5	27.6	26.8	25.9	24.9	23.9	21.9	16.9	9.8
8	28.9	28.8	28.6	28.2	27.4	26.7	25.9	25.0	24.2	23.3	22.4	20.4	15.8	9.1
9	27.2	27.1	27.0	26.6	25.9	25.1	24.4	23.6	22.8	22.0	21.1	19.3	14.9	8.6
10	25.8	25.7	25.6	25.2	24.5	23.8	23.1	22.4	21.6	20.8	20.0	18.3	14.2	8.2
11	24.6	24.5	24.4	24.0	23.4	22.7	22.1	21.4	20.6	19.9	19.1	17.4	13.5	
12	23.6	23.5	23.4	23.0	22.4	21.8	21.1	20.4	19.6	19.0	18.3	16.7	12.9	7.5
13	22.7	22.6	22.5	22.1	21.5	20.9	20.3	19.6	19.0	18.3	17.6	16.0	12.4	7.2
14	21.8	21.7	21.6	21.3	20.7	20.2	19.5	18.9	18.3	17.6	16.9	15.5	12.0	6.9
15	21.1	21.0	20.9	20.6	20.0	19.5	18.9	18.3	17.7	17.0	16.4	14.9	11.6	6.7
16	20.4	20.3	20.2	19.9	19.4	18.8	18.3	17.7	17.1	16.5	15.8	14.5	11.2	6.5
17	19.7	19.6	19.3	18.8	18.3	17.7	17.2	16.6	16.0	15.4	14.0	10.9	6.3	
18	19.2	19.1	18.8	18.3	17.8	17.3	16.7	16.1	15.5	14.9	13.6	10.6	6.1	
19	18.7	18.6	18.1	17.8	17.3	16.9	16.4	15.8	15.3	14.7	14.2	12.9	10.0	5.8
20	18.2	18.1	17.8	17.3	16.9	16.5	16.0	15.5	14.9	14.4	13.8	12.6	9.8	5.6
21	17.8	17.7	17.4	16.9	16.5	16.0	15.5	14.9	14.4	14.1	13.5	12.3	9.5	
22	17.3	17.3	17.0	16.5	16.1	15.6	15.1	14.6	14.1	13.7	13.2	12.1	9.3	5.4
23	17.0	16.9	16.6	16.2	15.7	15.3	14.8	14.3	13.7	13.2	12.9	11.8	9.1	5.3
24	16.6	16.5	16.3	15.8	15.4	14.9	14.5	14.0	13.5	13.2	12.7	11.6	9.0	5.2
25	16.3	16.2	15.9	15.5	15.1	14.6	14.2	13.7	13.2	12.7	12.4	11.6	9.6	
30	14.9	14.8	14.6	14.2	13.8	13.4	12.9	12.5	12.0	11.6	11.1	10.7	9.8	4.4
35	13.8	13.7	13.5	13.1	12.7	12.4	12.0	11.6	11.2	10.8	10.4	10.0	9.1	4.1
40	12.9	12.8	12.6	12.3	11.9	11.6	11.2	10.9	10.6	10.2	9.8	9.4	8.6	
45	12.1	12.1	11.9	11.6	11.2	10.9	10.5	10.3	10.0	9.7	9.3	9.0	8.2	
50	11.5	11.4	11.3	11.0	10.7	10.5	10.2	9.9	9.5	9.2	8.9	8.5	7.8	3.5
55	11.0	10.9	10.7	10.5	10.3	10.0	9.7	9.4	9.1	8.8	8.5	8.2	7.5	3.3
60	10.5	10.5	10.3	10.0	9.8	9.5	9.2	8.9	8.6	8.3	8.0	7.7	7.2	3.2
65	10.1	10.0	9.9	9.6	9.4	9.1	8.8	8.5	8.2	7.9	7.6	7.2	6.9	
70	9.7	9.7	9.5	9.3	9.0	8.7	8.5	8.2	8.0	7.9	7.6	7.3	6.7	
75	9.4	9.3	9.2	9.0	8.7	8.4	8.2	7.9	7.6	7.4	7.1	6.5	5.0	2.9
80	9.1	9.1	8.9	8.7	8.4	8.2	7.9	7.7	7.4	7.2	6.9	6.3	4.9	2.8
85	8.8	8.8	8.6	8.4	8.2	7.9	7.7	7.5	7.2	6.9	6.7	6.1	4.7	
90	8.6	8.5	8.4	8.2	7.9	7.7	7.5	7.2	6.9	6.7	6.4	5.9	4.6	
95	8.3	8.3	8.2	8.0	7.7	7.5	7.3	7.0	6.8	6.5	6.2	5.8	4.5	2.7
100	8.1	8.1	8.0	7.8	7.5	7.3	7.1	6.8	6.6	6.3	6.0	5.8	4.0	2.3
125	7.3	7.2	7.1	6.9	6.7	6.5	6.3	6.1	5.9	5.7	5.5	5.2	4.7	3.7
150	6.6	6.6	6.5	6.3	6.2	6.0	5.8	5.6	5.4	5.2	5.0	4.8	4.1	3.2
200	5.7	5.6	5.5	5.3	5.2	5.0	4.8	4.7	4.5	4.3	4.1	3.9	3.2	1.8

Notes: For correct usage of these tables refer to the Microdata Documentation

\*\*\* CONTINUES \*\*\*

Approximate Variance Tables

Adult Training Survey February 1986 - All Other Training

Numerator of Percentage (.000)	Estimated Percentage										Canada		
	0.1%	1.0%	2.0%	5.0%	10.0%	15.0%	20.0%	25.0%	30.0%	35.0%	40.0%	50.0%	70.0%
250	*****	5.1	5.0	4.9	4.8	4.6	4.5	4.3	4.2	4.0	3.7	2.8	1.6
300	*****	4.7	4.6	4.5	4.4	4.2	4.1	4.0	3.8	3.7	3.3	2.6	1.5
350	*****	4.3	4.1	4.0	3.9	3.8	3.7	3.5	3.4	3.1	2.4	1.4	
400	*****	4.0	3.9	3.8	3.7	3.5	3.4	3.3	3.2	2.9	2.2	1.3	
450	*****	3.8	3.7	3.6	3.4	3.3	3.2	3.1	3.0	2.7	2.1	1.2	
500	*****	3.6	3.5	3.4	3.3	3.2	3.1	2.9	2.8	2.6	2.0	1.2	
750	*****	2.9	2.8	2.8	2.7	2.6	2.5	2.4	2.3	2.1	1.6	0.9	
1000	*****	2.5	2.4	2.3	2.2	2.2	2.1	2.0	2.0	1.8	1.4	0.8	
1500	*****	2.0	1.9	1.9	1.8	1.8	1.7	1.7	1.6	1.5	1.2	0.7	
2000	*****	1.7	1.6	1.6	1.5	1.5	1.5	1.4	1.4	1.3	1.0	0.6	
3000	*****	1.3	1.3	1.2	1.2	1.2	1.2	1.2	1.2	1.1	0.8	0.5	
4000	*****	1.1	1.1	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.7	0.4	
5000	*****								0.9	0.8	0.6	0.4	
6000	*****								0.8	0.7	0.6	0.3	
7000	*****									0.7	0.5	0.3	
8000	*****									0.6	0.5	0.3	
9000	*****										0.5	0.3	
10000	*****										0.4	0.3	
12500	*****											0.2	

Notes: For correct usage of these tables refer to the Microdata Documentation

Approximate Variance Tables

Adult Training Survey February 1986 - All Other Training

Numerator of Percentage (.0000)	Newfoundland									Estimated Percentage								
	0.1%	1.0%	2.0%	5.0%	10.0%	15.0%	20.0%	25.0%	30.0%	35.0%	40.0%	50.0%	70.0%	90.0%				
1	*****	50.9	50.7	49.9	48.5	47.2	45.8	44.3	42.8	41.3	39.6	36.2	28.0	16.2				
2	*****	36.0	35.8	35.3	34.3	33.4	32.4	31.3	30.3	29.2	28.0	25.6	19.8	11.4				
3	*****	29.4	29.2	28.8	28.0	27.2	26.4	25.6	24.7	23.8	22.9	20.9	16.2	9.3				
4	*****	25.3	24.9	24.3	23.6	22.9	22.2	21.4	20.6	19.8	18.1	14.0	14.0	8.1				
5	*****	22.7	22.3	21.7	21.1	20.5	19.8	19.1	18.4	17.7	16.2	12.5	12.5	7.2				
6	*****	20.7	20.4	19.8	19.3	18.7	18.1	17.5	16.8	16.2	14.8	11.4	11.4	6.6				
7	*****	19.1	18.8	18.3	17.8	17.3	16.7	16.2	15.6	15.0	13.7	10.6	6.1					
8	*****	17.6	17.2	16.7	16.2	15.7	15.1	14.6	14.0	12.8	9.9	5.7						
9	*****	16.6	16.2	15.7	15.3	14.8	14.3	13.8	13.3	12.1	9.3	5.4						
10	*****	15.8	15.3	14.9	14.5	14.0	13.5	13.0	12.5	11.4	8.9	5.1						
11	*****	15.0	14.6	14.2	13.8	13.4	12.9	12.4	11.9	10.9	8.4	4.9						
12	*****	14.4	14.0	13.6	13.2	12.8	12.4	11.9	11.4	10.4	8.1	4.7						
13	*****	13.8	13.5	13.1	12.7	12.3	11.9	11.4	11.0	10.0	7.8	4.5						
14	*****	13.3	13.0	12.6	12.2	11.8	11.4	11.0	10.6	9.7	7.5	4.3						
15	*****	12.9	12.5	12.2	11.8	11.4	11.1	10.7	10.2	9.3	7.2	4.2						
16	*****	12.5	12.1	11.8	11.4	11.1	10.7	10.3	9.9	9.0	7.0	4.0						
17	*****	12.1	11.8	11.4	11.1	10.7	10.4	10.0	9.6	8.8	6.8	3.9						
18	*****	11.4	11.1	10.8	10.4	10.1	9.7	9.3	8.5	6.6	3.8							
19	*****	11.1	10.8	10.5	10.2	10.0	9.8	9.5	9.1	8.3	6.4	3.7						
20	*****	10.9	10.5	10.2	9.9	9.6	9.2	8.9	8.6	8.2	6.3	3.6						
21	*****	10.6	10.3	10.0	9.7	9.3	9.0	8.6	8.2	7.9	6.1	3.5						
22	*****	10.3	10.1	9.8	9.4	9.1	8.8	8.4	7.7	6.0	4.7	2.7						
23	*****	10.1	9.8	9.5	9.2	8.9	8.6	8.3	7.5	5.8	3.4							
24	*****	9.9	9.6	9.3	9.0	8.7	8.4	8.1	7.4	5.7	3.3							
25	*****	9.7	9.4	9.2	8.9	8.6	8.3	7.9	7.2	5.6	3.2							
30	*****	8.9	8.6	8.4	8.1	7.8	7.5	7.2	6.7	6.1	4.7	2.7						
35	*****	8.2	8.0	7.7	7.5	7.2	7.0	6.8	6.5	6.3	5.7	4.4	2.6					
40	*****	7.5	7.2	7.0	6.8	6.6	6.4	6.1	5.9	5.1	4.7	3.5	2.0					
45	*****	7.0	6.8	6.6	6.4	6.1	5.8	5.6	5.3	5.1	4.9	3.8	2.2					
50	*****	6.7	6.5	6.3	6.1	5.9	5.7	5.5	5.3	5.1	4.7	3.5	2.0					
55	*****	6.2	6.0	5.8	5.6	5.4	5.2	5.0	4.8	4.6	4.4	3.6	2.1					
60	*****	5.9	5.7	5.5	5.3	5.1	4.9	4.7	4.5	4.3	4.2	3.8	2.0					
65	*****	5.5	5.3	5.1	4.9	4.7	4.5	4.3	4.2	4.1	3.7	3.3	1.9					
70	*****	5.1	4.9	4.8	4.6	4.4	4.2	4.1	4.0	3.6	3.2	1.9	1.7					
75	*****	5.0	4.8	4.6	4.4	4.2	4.0	3.8	3.6	3.4	3.1	1.8	1.6					
80	*****	4.8	4.6	4.5	4.3	4.1	3.9	3.7	3.5	3.3	3.0	1.8	1.7					
85	*****	4.5	4.3	4.2	4.0	3.8	3.6	3.4	3.2	3.0	2.8	2.6	2.4					
90	*****	4.4	4.2	4.1	3.9	3.7	3.5	3.3	3.1	2.9	2.7	2.5	2.3					
95	*****	4.3	4.1	4.0	3.8	3.6	3.4	3.2	3.0	2.8	2.6	2.4	2.2					
100	*****	4.2	4.0	3.8	3.6	3.4	3.2	3.0	2.8	2.6	2.5	2.3	2.0					
125	*****	3.7	3.5	3.3	3.1	2.9	2.7	2.5	2.3	2.1	1.9	1.7	1.5					
150	*****	3.0	2.8	2.6	2.4	2.2	2.0	1.8	1.6	1.4	1.2	1.0	0.8					
200	*****	2.0	1.8	1.6	1.4	1.2	1.0	0.8	0.6	0.4	0.2	0.0						

Notes: For correct usage of these tables refer to the Microdata Documentation

\*\*\* CONTINUES \*\*\*

**Approximate Variance Tables**

**Adult Training Survey February 1986 - All Other Training**

**Newfoundland**

Numerator of Percentage (.0000)	Estimated Percentage								
	0.1%	1.0%	2.0%	5.0%	10.0%	15.0%	20.0%	25.0%	30.0%
250	*****	*****	*****	*****	*****	*****	*****	*****	*****
300	*****	*****	*****	*****	*****	*****	*****	*****	*****

**Notes:** For correct usage of these tables refer to the Microdata Documentation

Approximate Variance Tables

Adult Training Survey February 1986 - All Other Training

Prince Edward Island

Numerator of Percentage (000)	Estimated Percentage									50.0%	70.0%	90.0%
	0.1%	1.0%	2.0%	5.0%	10.0%	15.0%	20.0%	25.0%	30.0%			
1	32.5	32.0	31.1	30.2	29.3	28.4	27.4	26.4	25.4	23.2	18.0	10.4
2	22.6	22.0	21.4	20.7	20.1	19.4	18.7	18.0	16.4	12.7	7.3	7.3
3	18.5	18.0	17.5	16.9	16.4	15.8	15.3	14.7	13.4	10.4	6.0	6.0
4	15.6	15.1	14.7	14.2	13.7	13.2	12.7	11.6	11.4	10.4	8.0	4.6
5	13.9	13.5	13.1	12.7	12.3	11.8	11.4	10.4	9.5	7.3	4.2	4.2
6	12.7	12.3	12.0	11.6	11.2	10.8	10.4	9.6	8.8	6.8	3.9	3.9
7	11.8	11.4	11.1	10.7	10.4	10.0	9.6	9.0	8.2	6.4	3.7	3.7
8	10.7	10.4	10.0	9.7	9.4	9.0	8.8	8.5	7.7	6.0	3.5	3.5
9	10.1	9.8	9.5	9.1	8.8	8.5	8.2	7.9	7.6	6.4	3.3	3.3
10	9.6	9.3	9.0	8.7	8.4	8.0	7.7	7.0	6.7	5.2	3.1	3.1
11	9.1	8.8	8.6	8.3	8.0	7.7	7.4	7.0	6.7	5.2	3.0	3.0
12	8.5	8.2	7.9	7.6	7.3	7.0	6.7	6.4	6.1	5.2	2.9	2.9
13	8.1	7.9	7.6	7.3	7.1	6.8	6.5	6.2	6.0	5.5	4.2	4.2
14	7.8	7.6	7.3	7.1	6.9	6.6	6.3	6.0	5.8	5.5	4.5	4.5
15	7.6	7.3	7.1	6.9	6.6	6.4	6.1	5.8	5.5	5.2	4.5	4.5
16	7.1	6.9	6.7	6.4	6.2	6.0	5.7	5.5	5.3	5.0	4.4	4.4
17	6.9	6.7	6.5	6.2	6.0	5.7	5.5	5.3	5.1	4.9	3.8	3.8
18	6.7	6.5	6.2	6.0	5.8	5.5	5.3	5.1	4.9	4.7	3.7	3.7
19	6.5	6.3	6.1	5.9	5.7	5.5	5.3	5.1	4.9	4.7	4.1	4.1
20	6.1	5.9	5.8	5.6	5.5	5.3	5.1	4.9	4.7	4.5	4.0	4.0
21	6.0	5.8	5.6	5.4	5.3	5.1	4.9	4.7	4.5	4.3	3.9	3.9
22	5.9	5.6	5.4	5.2	5.0	4.8	4.6	4.4	4.2	4.0	3.6	3.6
23	5.7	5.5	5.3	5.1	4.9	4.7	4.5	4.3	4.1	3.9	3.5	3.5
24	5.4	5.2	5.0	4.8	4.6	4.4	4.2	4.0	3.8	3.6	3.2	3.2
25	5.3	5.1	4.9	4.7	4.5	4.3	4.1	3.9	3.7	3.5	3.1	3.1
30	4.6	4.4	4.2	4.0	3.8	3.6	3.4	3.2	3.0	2.8	2.4	2.4
35	4.6	4.4	4.2	4.0	3.8	3.6	3.4	3.2	3.0	2.8	2.4	2.4
40	4.7	4.5	4.3	4.1	3.9	3.7	3.5	3.3	3.1	2.9	2.5	2.5
45	4.6	4.4	4.2	4.0	3.8	3.6	3.4	3.2	3.0	2.8	2.4	2.4
50	4.6	4.4	4.2	4.0	3.8	3.6	3.4	3.2	3.0	2.8	2.4	2.4
55	4.6	4.4	4.2	4.0	3.8	3.6	3.4	3.2	3.0	2.8	2.4	2.4
60	4.6	4.4	4.2	4.0	3.8	3.6	3.4	3.2	3.0	2.8	2.4	2.4
65	4.6	4.4	4.2	4.0	3.8	3.6	3.4	3.2	3.0	2.8	2.4	2.4

Notes: For correct usage of these tables refer to the Microdata Documentation

Approximate Variance Tables

Adult Training Survey February 1986 - All Other Training

Nova Scotia

Numerator of Percentage (.000)	Estimated Percentage									90.0%
	0.1%	1.0%	2.0%	5.0%	10.0%	15.0%	20.0%	25.0%	30.0%	
1	44.6	44.4	43.7	42.5	40.1	38.8	37.5	36.1	34.7	31.7
2	31.5	31.4	30.9	30.1	29.2	28.4	27.5	26.5	25.6	24.6
3	25.8	25.6	25.2	24.6	23.9	23.2	22.4	21.7	20.9	20.1
4	22.3	22.2	21.9	21.3	20.7	20.1	19.4	18.8	18.1	17.4
5	20.0	19.9	19.5	19.0	18.5	17.9	17.4	16.8	16.2	15.5
6	18.1	17.8	17.4	16.9	16.4	15.9	15.3	14.8	14.2	14.2
7	16.8	16.5	16.1	15.6	15.2	14.7	14.2	13.7	13.1	12.9
8	15.7	15.5	15.0	14.6	14.2	13.8	13.4	12.9	12.5	12.0
9	14.8	14.6	14.2	13.8	13.5	13.1	12.7	12.3	11.9	11.4
10	14.0	13.8	13.5	13.2	12.8	12.5	12.1	11.7	11.3	10.9
11	13.4	13.2	12.8	12.3	12.0	11.6	11.2	10.8	10.4	10.0
12	12.6	12.3	11.9	11.6	11.2	10.8	10.4	10.0	9.6	9.2
13	12.1	11.8	11.5	11.1	10.8	10.4	10.0	9.6	9.2	8.8
14	11.7	11.4	11.0	10.7	10.4	10.0	9.7	9.3	9.0	8.6
15	11.3	11.0	10.7	10.4	10.0	9.7	9.4	9.0	8.7	8.3
16	10.9	10.6	10.3	10.0	9.7	9.4	9.0	8.7	8.4	8.1
17	10.6	10.3	10.0	9.7	9.4	9.1	8.8	8.4	8.1	7.7
18	10.3	10.0	9.7	9.5	9.2	8.9	8.6	8.3	8.0	7.5
19	10.0	9.8	9.5	9.2	9.0	8.7	8.4	8.1	7.8	7.4
20	9.8	9.5	9.2	9.0	8.8	8.5	8.2	7.9	7.6	7.2
21	9.5	9.3	9.0	8.8	8.6	8.3	8.0	7.7	7.4	7.0
22	9.3	9.1	8.8	8.6	8.4	8.1	7.8	7.5	7.2	6.8
23	9.1	8.9	8.6	8.4	8.2	7.9	7.7	7.4	7.1	6.6
24	8.9	8.7	8.4	8.2	8.0	7.8	7.5	7.2	6.9	6.5
25	8.7	8.5	8.3	8.0	7.8	7.5	7.2	6.9	6.6	6.2
30	7.8	7.5	7.3	7.1	6.8	6.6	6.3	6.1	5.8	5.4
35	7.2	7.0	6.8	6.6	6.3	6.1	5.9	5.7	5.5	5.1
40	6.7	6.5	6.3	6.1	5.9	5.7	5.5	5.3	5.1	4.9
45	6.3	6.2	6.0	5.8	5.6	5.4	5.2	5.0	4.8	4.6
50	6.0	5.8	5.7	5.5	5.3	5.1	4.9	4.7	4.5	4.3
55	5.7	5.6	5.4	5.2	5.0	4.8	4.7	4.5	4.3	4.2
60	5.3	5.2	5.0	4.8	4.7	4.5	4.4	4.3	4.1	3.9
65	5.1	5.0	4.8	4.7	4.6	4.5	4.4	4.3	4.2	3.9
70	4.9	4.8	4.6	4.5	4.4	4.3	4.2	4.1	4.0	3.8
75	4.8	4.6	4.5	4.3	4.2	4.0	3.9	3.7	3.5	3.3
80	4.6	4.5	4.3	4.2	4.0	3.9	3.8	3.7	3.5	3.3
85	4.3	4.2	4.1	4.0	3.9	3.8	3.7	3.6	3.5	3.3
90	4.2	4.1	4.0	3.9	3.8	3.7	3.6	3.5	3.4	3.2
95	4.1	4.0	3.9	3.8	3.7	3.6	3.5	3.4	3.3	3.1
100	4.0	3.9	3.8	3.7	3.6	3.5	3.4	3.3	3.2	3.0
125	3.5	3.4	3.2	3.1	3.0	2.8	2.6	2.4	2.2	2.0
150	3.1	3.0	2.8	2.6	2.5	2.3	2.2	2.1	2.0	1.8
200	2.0	1.9	1.8	1.7	1.6	1.5	1.4	1.3	1.2	1.0

Notes: For correct usage of these tables refer to the Microdata Documentation

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**Approximate Variance Tables**  
**Adult Training Survey February 1986 - All Other Training**

**Nova Scotia**

Numerator of Percentage (.000)	Estimated Percentage								
	0.1%	1.0%	2.0%	5.0%	10.0%	15.0%	20.0%	25.0%	30.0%
250	*****	*****	*****	*****	*****	*****	*****	*****	*****
300	*****	*****	*****	*****	*****	*****	*****	*****	*****
350	*****	*****	*****	*****	*****	*****	*****	*****	*****
400	*****	*****	*****	*****	*****	*****	*****	*****	*****
450	*****	*****	*****	*****	*****	*****	*****	*****	*****

**Notes:** For correct usage of these tables refer to the Microdata Documentation

Approximate Variance Tables

Adult Training Survey February 1986 - All Other Training

New Brunswick

Numerator of Percentage (.000)	Estimated Percentage								
	0.1%	1.0%	2.0%	5.0%	10.0%	15.0%	20.0%	25.0%	30.0%
1*****	39.5	39.3	38.7	37.6	36.6	35.5	34.3	33.2	32.0
2*****	27.9	27.8	27.3	26.6	25.9	25.1	24.3	23.5	22.6
3*****	22.8	22.7	22.3	21.7	21.1	20.5	19.8	19.2	18.5
4*****	19.7	19.6	19.3	18.8	18.3	17.7	17.2	16.6	16.0
5*****	17.6	17.3	16.8	16.4	15.9	15.4	14.8	14.3	13.7
6*****	16.0	15.8	15.4	14.9	14.5	14.0	13.5	13.1	12.5
7*****	14.8	14.6	14.2	13.8	13.4	13.0	12.5	12.1	11.6
8*****	13.9	13.7	13.3	12.9	12.5	12.1	11.7	11.3	10.9
9*****	12.9	12.5	12.2	11.8	11.4	11.1	10.7	10.2	9.3
10*****	12.2	11.9	11.6	11.2	10.9	10.5	10.1	9.7	8.9
11*****	11.7	11.3	11.0	10.7	10.4	10.0	9.6	9.3	8.5
12*****	11.2	10.9	10.6	10.2	9.9	9.6	9.2	8.9	8.1
13*****	10.7	10.4	10.1	9.8	9.5	9.2	8.9	8.5	8.2
14*****	10.3	10.1	9.8	9.5	9.2	8.9	8.6	8.3	7.9
15*****	10.0	9.7	9.4	9.2	8.9	8.6	8.3	8.0	7.7
16*****	9.7	9.4	9.1	8.9	8.6	8.3	8.0	7.8	7.5
17*****	9.4	9.1	8.9	8.6	8.4	8.1	7.8	7.5	7.2
18*****	9.1	8.9	8.6	8.4	8.1	7.9	7.6	7.3	7.0
19*****	8.9	8.6	8.4	8.2	7.9	7.7	7.4	7.1	6.9
20*****	8.6	8.4	8.2	8.0	7.7	7.5	7.2	7.0	6.7
21*****	8.4	8.2	8.0	7.7	7.5	7.2	7.0	6.7	6.4
22*****	8.2	8.0	7.8	7.6	7.3	7.1	6.8	6.5	6.0
23*****	7.8	7.6	7.4	7.2	6.9	6.7	6.4	5.8	5.1
24*****	7.7	7.5	7.2	7.0	6.8	6.5	6.3	5.7	5.0
25*****	7.5	7.3	7.1	6.9	6.6	6.4	6.1	5.6	4.9
30*****	6.9	6.7	6.5	6.3	6.1	5.8	5.6	5.1	4.3
35*****	6.4	6.2	6.0	5.8	5.6	5.4	5.2	4.7	3.7
40*****	5.9	5.8	5.6	5.4	5.2	5.1	4.9	4.6	4.2
45*****	5.5	5.3	5.1	4.9	4.7	4.5	4.3	4.0	3.1
50*****	5.2	5.0	4.9	4.6	4.5	4.3	4.1	3.8	2.9
55*****	4.9	4.8	4.6	4.5	4.3	4.1	4.0	3.6	2.8
60*****	4.7	4.6	4.4	4.3	4.1	4.0	3.6	3.2	2.6
65*****	4.5	4.4	4.3	4.1	4.0	3.8	3.5	3.2	2.6
70*****	4.2	4.1	4.0	3.8	3.7	3.5	3.2	2.9	2.2
75*****	4.1	4.0	3.8	3.7	3.5	3.3	3.1	2.8	2.1
80*****	4.0	3.8	3.7	3.6	3.4	3.1	2.4	2.1	1.6
85*****	3.8	3.7	3.6	3.5	3.3	3.0	2.4	2.3	1.6
90*****	3.6	3.5	3.4	3.3	3.2	3.0	2.3	2.2	1.3
95*****	3.5	3.4	3.3	3.2	3.1	2.8	2.2	2.1	1.3
100*****	3.4	3.3	3.2	3.0	2.9	2.7	2.5	1.9	1.1
125*****	3.0	2.9	2.7	2.5	2.3	2.0	1.8	1.0	0.9
150*****	2.6	2.5	2.3	2.0	2.0	2.0	2.0	2.0	2.0
200*****	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0

Notes: For correct usage of these tables refer to the Microdata Documentation

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**Approximate Variance Tables**

**Adult Training Survey February 1986 - All Other Training**

**New Brunswick**

Numerator of Percentage (,000)	Estimated Percentage								
	0.1%	1.0%	2.0%	5.0%	10.0%	15.0%	20.0%	25.0%	30.0%
250	*****	*****	*****	*****	*****	*****	*****	*****	*****
300	*****	*****	*****	*****	*****	*****	*****	*****	*****
350	*****	*****	*****	*****	*****	*****	*****	*****	*****
400	*****	*****	*****	*****	*****	*****	*****	*****	*****

**Notes:** For correct usage of these tables refer to the Microdata Documentation

## Approximate Variance Tables

## Adult Training Survey February 1986 - All Other Training

Numerator of Percentage (.000)	Quebec										Estimated Percentage					
	0.1%	1.0%	2.0%	5.0%	10.0%	15.0%	20.0%	25.0%	30.0%	35.0%	40.0%	50.0%	70.0%	90.0%		
1	96.7	96.2	95.7	94.3	91.8	89.2	86.5	83.8	80.9	78.0	74.9	68.4	53.0	30.6	30.6	30.6
2	68.4	68.0	67.7	66.7	64.9	63.1	61.2	59.2	57.2	55.1	53.0	48.4	37.5	21.6	21.6	21.6
3	55.8	55.6	55.3	54.4	53.0	51.5	49.9	48.4	46.7	45.0	43.3	39.5	30.6	17.7	17.7	17.7
4	48.3	48.1	47.9	47.1	45.9	44.6	43.3	41.9	40.5	39.0	37.5	34.2	26.4	15.3	15.3	15.3
5	43.0	42.8	42.2	41.0	39.9	38.7	37.5	36.2	34.9	33.5	33.5	30.6	23.7	13.7	13.7	13.7
6	39.3	39.1	38.5	37.5	36.4	35.3	34.2	33.0	31.8	30.6	27.9	21.6	12.5	12.5	12.5	12.5
7	36.4	36.2	35.6	34.6	33.7	33.7	32.7	31.7	30.6	29.5	28.3	25.8	20.0	11.6	11.6	11.6
8	34.0	33.9	33.3	32.4	31.5	30.6	29.6	28.6	27.6	26.5	24.2	18.7	10.8	10.8	10.8	10.8
9	32.1	31.9	31.4	30.6	29.7	28.8	27.9	27.0	26.0	25.0	22.8	17.7	10.2	10.2	10.2	10.2
10	30.4	30.3	29.8	29.0	28.2	27.4	26.5	25.6	24.7	23.7	21.6	16.8	9.7	9.7	9.7	9.7
11	29.0	28.9	28.4	27.7	26.9	26.1	25.3	24.4	23.5	22.6	20.6	16.0	9.2	9.2	9.2	9.2
12	27.8	27.6	27.2	26.5	25.7	25.0	24.2	23.4	22.5	21.5	21.6	19.7	15.3	8.8	8.8	8.8
13	26.7	26.6	26.1	25.6	24.7	24.0	23.2	22.4	21.6	20.8	19.0	14.7	8.5	8.5	8.5	8.5
14	25.7	25.6	25.2	24.5	23.8	23.1	22.4	21.6	20.8	20.0	18.3	14.2	8.2	8.2	8.2	8.2
15	24.8	24.7	24.3	23.7	23.0	22.3	21.6	20.9	20.1	19.3	17.7	13.7	7.9	7.9	7.9	7.9
16	24.1	23.9	23.6	22.9	22.3	21.6	20.9	20.2	19.5	18.7	17.1	13.2	7.6	7.6	7.6	7.6
17	23.3	23.2	22.9	22.3	21.6	21.0	20.3	19.6	18.9	18.2	16.6	12.8	7.4	7.4	7.4	7.4
18	22.7	22.6	22.2	21.6	21.0	20.4	19.7	19.1	18.4	17.7	16.1	12.5	7.2	7.2	7.2	7.2
19	22.1	22.0	21.6	21.0	20.5	19.8	19.2	18.6	17.9	17.2	15.7	12.2	7.0	7.0	7.0	7.0
20	21.5	21.4	21.1	20.5	19.9	19.3	18.7	18.1	17.4	16.8	15.3	11.8	6.8	6.8	6.8	6.8
21	21.0	20.9	20.6	20.0	19.5	18.9	18.3	17.7	17.0	16.3	14.9	11.6	6.7	6.7	6.7	6.7
22	20.5	20.4	20.1	19.6	19.0	18.4	17.9	17.3	16.6	16.0	14.6	11.3	6.5	6.5	6.5	6.5
23	20.1	20.0	19.7	19.1	18.6	18.0	17.5	16.9	16.3	15.6	14.3	11.0	6.4	6.4	6.4	6.4
24	19.6	19.5	19.2	18.7	18.2	17.7	17.1	16.5	15.9	15.3	14.0	10.8	6.2	6.2	6.2	6.2
25	19.2	19.1	18.9	18.4	17.8	17.3	16.8	16.2	15.6	15.0	13.7	10.6	6.1	6.1	6.1	6.1
30	17.6	17.5	17.2	16.8	16.3	15.8	15.3	14.8	14.2	13.7	12.5	9.7	5.6	5.6	5.6	5.6
35	16.3	16.2	15.9	15.5	15.1	14.6	14.2	13.7	13.2	12.7	11.6	9.0	5.2	5.2	5.2	5.2
40	15.2	15.1	14.9	14.5	14.1	13.7	13.3	12.9	12.5	12.1	11.6	11.2	10.2	7.9	7.9	7.9
45	14.3	14.1	13.7	13.3	13.0	12.6	12.2	11.8	11.4	11.0	10.6	9.7	7.5	4.3	4.3	4.3
50	13.5	13.3	13.0	12.6	12.4	12.0	11.7	11.3	10.9	10.5	10.1	9.2	7.1	4.1	4.1	4.1
55	12.9	12.7	12.4	12.0	11.7	11.3	10.9	10.5	10.1	9.7	9.0	8.7	7.9	6.1	6.1	6.1
60	12.4	12.2	11.8	11.5	11.2	10.8	10.4	10.0	9.7	9.3	9.0	8.2	6.3	3.7	3.7	3.7
65	11.9	11.7	11.4	11.1	10.7	10.3	10.0	9.7	9.3	9.0	8.7	7.9	6.1	4.7	4.7	4.7
70	11.4	11.3	11.0	10.6	10.3	10.0	9.7	9.3	9.0	8.7	8.4	7.6	5.9	3.4	3.4	3.4
75	10.9	10.6	10.3	10.0	9.7	9.4	9.0	8.7	8.4	8.1	7.6	6.1	4.7	2.7	2.7	2.7
80	10.5	10.3	10.0	9.7	9.4	9.1	8.8	8.5	8.2	8.0	7.7	6.4	4.3	2.5	2.5	2.5
85	10.4	10.2	10.0	9.7	9.4	9.1	8.8	8.5	8.2	8.0	7.7	6.4	4.3	2.5	2.5	2.5
90	9.9	9.7	9.4	9.1	8.9	8.6	8.3	8.0	7.7	7.4	7.0	5.4	3.1	3.1	3.1	3.1
95	9.7	9.4	9.1	8.9	8.7	8.4	8.1	7.8	7.5	7.2	6.8	5.3	3.1	3.1	3.1	3.1
100	9.4	9.2	8.9	8.7	7.7	7.5	7.1	6.8	6.6	6.4	6.1	5.6	4.3	2.5	2.5	2.5
125	8.4	8.2	8.0	7.7	7.5	7.3	7.1	6.8	6.6	6.4	6.1	5.6	4.3	2.5	2.5	2.5
150	7.7	7.5	7.3	7.1	6.9	6.7	6.5	6.3	6.1	5.9	5.7	5.5	5.3	4.8	4.8	4.8
200	6.7	6.5	6.3	6.1	5.9	5.7	5.5	5.3	5.1	5.0	4.8	4.6	4.4	3.7	3.7	3.7

Notes: For correct usage of these tables refer to the Microdata Documentation

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**Approximate Variance Tables**

**Adult Training Survey February 1986 - All Other Training**

**Quebec**

Numerator of Percentage (.000)	Estimated Percentage									50.0%	70.0%	90.0%
	0.1%	1.0%	2.0%	5.0%	10.0%	15.0%	20.0%	25.0%	30.0%			
250	5.8	5.6	5.5	5.3	5.1	4.9	4.7	4.5	4.3	3.4	3.1	2.9
300	5.3	5.1	5.0	4.8	4.7	4.5	4.3	4.2	4.0	3.7	3.4	3.1
350	4.9	4.8	4.6	4.5	4.3	4.2	4.0	3.9	3.7	3.4	3.1	2.8
400	4.6	4.5	4.3	4.2	4.0	3.9	3.7	3.6	3.5	3.4	3.1	2.8
450	4.2	4.1	3.9	3.8	3.7	3.6	3.5	3.4	3.3	3.2	3.1	2.9
500	4.0	3.9	3.7	3.6	3.5	3.4	3.3	3.2	3.1	3.0	2.9	2.7
750	3.2	3.1	3.0	2.9	2.8	2.7	2.6	2.5	2.4	2.3	2.2	2.0
1000	2.6	2.6	2.6	2.6	2.6	2.5	2.5	2.5	2.5	2.4	2.3	2.2
1500	2.0	2.0	2.0	2.0	2.0	1.9	1.9	1.9	1.9	1.8	1.7	1.6
2000	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.3	1.2
3000	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.8	0.7

**Notes:** For correct usage of these tables refer to the Microdata Documentation

Approximate Variance Tables

Adult Training Survey February 1986 - All Other Training

Numerator of Percentage ('000)	0.1%	1.0%	2.0%	5.0%	10.0%	15.0%	20.0%	25.0%	30.0%	35.0%	40.0%	50.0%	70.0%	90.0%	
1	90.5	90.1	89.7	88.3	85.9	83.5	81.0	78.4	75.8	73.0	70.2	64.0	49.6	28.6	
2	64.0	63.7	63.4	62.4	60.8	59.0	57.3	55.5	53.6	51.6	49.6	45.3	35.1	20.3	
3	52.0	51.8	51.0	49.6	48.2	46.8	45.3	43.7	42.2	40.5	37.0	28.6	28.6	16.5	
4	45.3	45.1	44.8	44.1	43.0	41.7	40.5	39.2	37.9	36.5	35.1	32.0	24.8	14.3	
5	40.5	40.3	40.1	39.5	38.4	37.3	36.2	35.1	33.9	32.7	31.4	28.6	22.2	12.8	
6	36.8	36.6	36.0	35.1	34.1	33.1	32.0	30.9	29.8	28.6	26.1	20.3	11.7		
7	34.1	33.9	33.4	32.5	31.6	30.6	29.6	28.6	27.6	26.5	24.2	18.7	10.8		
8	31.9	31.7	31.2	30.4	29.5	28.6	27.7	26.8	25.8	24.8	22.6	17.5	10.1		
9	30.0	29.9	29.4	28.6	27.8	27.0	26.1	25.3	24.3	23.4	21.3	16.5	9.5		
10	28.5	28.4	27.9	27.2	26.4	25.6	24.8	24.0	23.1	22.2	20.3	15.7	9.1		
11	27.2	27.0	26.6	25.9	25.2	24.4	23.6	22.8	22.0	21.2	19.3	15.0	8.6		
12	26.0	25.9	25.5	24.8	24.1	23.4	22.6	21.9	21.1	20.3	18.5	14.3	8.3		
13	25.5	24.9	24.5	23.8	23.2	22.5	21.8	21.0	20.3	19.5	17.8	13.8	7.9		
14	24.1	24.0	23.6	23.0	22.3	21.6	21.0	20.3	19.5	18.7	17.1	13.3	7.7		
15	23.3	23.1	22.8	22.2	21.6	20.9	20.3	19.6	18.9	18.1	16.5	12.8	7.4		
16	22.5	22.4	22.1	21.5	20.9	20.3	19.6	18.9	18.3	17.5	16.0	12.4	7.2		
17	21.9	21.7	21.4	20.8	20.3	19.6	19.0	18.4	17.7	17.0	15.5	12.0	6.9		
18	21.2	21.1	20.8	20.3	19.7	19.1	18.5	17.9	17.2	16.5	15.1	11.7	6.8		
19	20.7	20.6	20.0	19.7	19.2	18.6	18.0	17.4	16.8	16.1	14.7	11.4	6.6		
20	20.1	20.0	19.7	19.2	18.7	18.1	17.5	16.9	16.3	15.7	14.3	11.1	6.4		
21	19.7	19.6	19.3	18.7	18.2	17.7	17.1	16.5	15.9	15.3	14.0	10.8	6.2		
22	19.2	19.1	18.8	18.3	17.8	17.3	16.7	16.2	15.6	15.0	13.7	10.6	6.1		
23	18.8	18.7	18.4	17.9	17.4	16.9	16.4	15.8	15.2	14.6	13.4	10.3	6.0		
24	18.4	18.3	18.0	17.5	17.0	16.5	16.0	15.5	14.9	14.3	13.1	10.1	5.8		
25	18.0	17.9	17.7	17.2	16.7	16.2	15.7	15.2	14.6	14.0	12.8	9.9	5.7		
30	16.5	16.4	16.1	15.7	15.2	14.8	14.3	13.8	13.3	12.8	11.7	9.1	5.2		
35	15.2	15.2	14.9	14.5	14.1	13.7	13.3	12.8	12.3	11.9	10.8	8.4	4.8		
40	14.2	14.2	14.0	13.6	13.2	12.8	12.4	12.0	11.5	11.1	10.1	7.8	4.5		
45	13.4	13.4	13.2	12.8	12.4	12.1	11.7	11.3	10.9	10.5	9.5	7.4	4.3		
50	12.7	12.7	12.5	12.2	11.8	11.5	11.1	10.7	10.3	9.9	9.1	7.0	4.1		
55	12.2	12.1	11.9	11.6	11.3	10.9	10.6	10.2	9.8	9.5	8.6	6.7	3.9		
60	11.6	11.4	11.1	10.8	10.5	10.1	9.8	9.4	9.1	8.3	6.4	3.7			
65	11.1	10.9	10.7	10.4	10.0	9.7	9.4	9.1	8.7	8.4	7.7	5.9	3.4		
70	10.7	10.6	10.3	10.0	9.7	9.4	9.1	8.7	8.4	8.1	7.4	5.7	3.3		
75	10.4	10.2	9.9	9.6	9.4	9.1	8.7	8.4	8.1	7.8	7.2	5.7	3.3		
80	9.9	9.6	9.3	9.1	8.8	8.5	8.2	7.8	7.2	5.5	5.5	3.2	3.2		
85	9.7	9.6	9.3	9.1	8.8	8.5	8.2	7.9	7.6	6.9	5.4	3.1			
90	9.5	9.3	9.1	8.8	8.6	8.3	8.0	7.7	7.4	6.8	5.2	3.0			
95	9.2	8.8	8.6	8.3	8.0	7.8	7.5	7.2	6.6	5.1	2.9				
100	9.0	8.8	8.6	8.3	8.1	7.8	7.3	7.0	6.4	5.0	2.9				
125	7.9	7.7	7.5	7.2	7.0	6.8	6.6	6.4	6.2	5.7	4.4	2.6			
150	7.2	7.0	6.8	6.6	5.9	5.7	5.5	5.2	5.0	4.5	4.1	2.3			
200	6.2	6.1													

Notes: For correct usage of these tables refer to the Microdata Documentation

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**Approximate Variance Tables**

**Adult Training Survey February 1986 - All Other Training**

Numerator of Percentage (.000)	Estimated Percentage									Ontario
	0.1%	1.0%	2.0%	5.0%	10.0%	15.0%	20.0%	25.0%	30.0%	
250	5.6	5.4	5.3	5.1	5.0	4.8	4.6	4.4	4.1	3.1
300	5.0	4.8	4.7	4.5	4.4	4.2	4.1	3.7	3.1	2.9
350	4.6	4.5	4.3	4.2	4.1	3.9	3.7	3.4	3.1	2.7
400	4.3	4.2	4.1	3.9	3.8	3.7	3.5	3.2	3.0	2.5
450	4.1	3.9	3.8	3.7	3.6	3.4	3.3	3.0	2.8	2.3
500	3.8	3.7	3.6	3.5	3.4	3.3	3.1	2.9	2.7	2.2
750	3.0	3.0	2.9	2.8	2.7	2.6	2.5	2.3	2.1	1.8
1000	2.6	2.5	2.4	2.3	2.3	2.2	2.0	1.8	1.6	1.4
1500	2.4	2.3	2.2	2.1	2.0	1.9	1.8	1.7	1.5	1.3
2000	2.2	2.1	2.0	1.9	1.8	1.7	1.6	1.5	1.4	1.2
3000	1.9	1.8	1.7	1.6	1.5	1.4	1.3	1.2	1.1	1.0
4000	1.7	1.6	1.5	1.4	1.3	1.2	1.1	1.0	0.9	0.8
5000	1.6	1.5	1.4	1.3	1.2	1.1	1.0	0.9	0.8	0.7

**Notes:** For correct usage of these tables refer to the Microdata Documentation

Approximate Variance Tables

Adult Training Survey February 1986 - All Other Training

Numerator of Percentage (.000)	Manitoba									
	0.1%	1.0%	2.0%	5.0%	10.0%	15.0%	20.0%	25.0%	30.0%	35.0%
1*****	55.2	54.9	54.0	52.6	51.1	49.6	48.0	46.4	44.7	42.9
2*****	39.0	38.8	38.2	37.2	36.1	35.1	34.0	32.8	31.6	30.4
3*****	31.9	31.7	31.2	30.4	29.5	28.6	27.7	26.8	25.8	24.8
4*****	27.6	27.4	27.0	26.3	25.6	24.8	24.0	23.2	22.4	21.5
5*****	24.7	24.5	24.2	23.5	22.9	22.2	21.5	20.7	20.0	19.2
6*****	22.5	22.4	22.1	21.5	20.9	20.2	19.6	18.9	18.2	17.5
7*****	20.7	20.4	19.9	19.3	18.7	18.1	17.5	16.9	16.2	14.8
8*****	19.4	19.1	18.6	18.1	17.5	17.0	16.4	15.8	15.2	13.9
9*****	18.3	18.0	17.5	17.0	16.5	16.0	15.5	14.9	14.3	13.1
10*****	17.4	17.1	16.6	16.2	15.7	15.2	14.7	14.1	13.6	12.4
11*****	16.5	16.3	15.9	15.4	15.0	14.5	14.0	13.5	12.9	11.8
12*****	15.8	15.6	15.2	14.8	14.3	13.9	13.4	12.9	12.4	11.3
13*****	15.2	15.0	14.6	14.2	13.8	13.3	12.9	12.4	11.9	10.9
14*****	14.4	14.1	13.7	13.3	12.8	12.4	12.0	11.5	11.1	10.1
15*****	14.0	13.6	13.2	12.8	12.4	12.0	11.6	11.2	10.7	9.8
16*****	13.5	13.2	12.8	12.4	12.0	11.6	11.2	10.7	10.4	9.8
17*****	13.1	12.8	12.4	12.0	11.6	11.3	10.8	10.4	10.1	9.5
18*****	12.7	12.4	12.0	11.7	11.3	10.9	10.5	10.1	9.2	7.2
19*****	12.4	12.1	11.7	11.4	11.0	10.6	10.3	9.9	9.0	7.0
20*****	12.1	11.8	11.4	11.1	10.7	10.4	10.0	9.6	8.8	6.8
21*****	11.8	11.5	11.2	10.8	10.5	10.1	9.8	9.4	8.6	6.6
22*****	11.5	11.2	10.9	10.6	10.2	9.9	9.5	9.2	8.4	6.5
23*****	11.3	11.0	10.7	10.3	10.0	9.7	9.3	9.0	8.2	6.3
24*****	11.0	10.7	10.4	10.1	9.8	9.5	9.1	8.8	8.0	6.2
25*****	10.8	10.5	10.2	9.9	9.6	9.3	8.9	8.6	7.8	6.1
30*****	9.9	9.6	9.3	9.1	8.8	8.5	8.2	7.8	7.2	5.5
35*****	8.9	8.6	8.4	8.1	7.8	7.6	7.3	6.6	5.1	3.0
40*****	8.3	8.1	7.8	7.6	7.3	7.1	6.8	6.2	4.8	2.8
45*****	7.8	7.6	7.4	7.2	6.9	6.7	6.4	5.8	4.5	2.6
50*****	7.4	7.2	7.0	6.8	6.6	6.3	6.1	5.5	4.3	2.5
55*****	7.1	6.9	6.7	6.5	6.3	6.0	5.8	5.3	4.1	2.4
60*****	6.8	6.6	6.4	6.2	6.0	5.8	5.5	5.1	3.9	2.3
65*****	6.5	6.3	6.2	6.0	5.8	5.5	5.3	4.9	3.8	2.2
70*****	6.1	5.9	5.7	5.5	5.4	5.2	5.0	4.8	4.4	2.1
75*****	5.9	5.7	5.5	5.4	5.2	5.0	4.8	4.7	4.3	2.0
80*****	5.7	5.4	5.2	5.0	4.8	4.7	4.3	3.3	1.9	1.6
85*****	5.4	5.2	5.1	4.9	4.7	4.5	4.1	3.2	1.8	1.4
90*****	5.2	5.1	4.9	4.8	4.6	4.4	4.0	3.1	1.8	1.3
95*****	5.0	4.8	4.6	4.5	4.3	3.9	3.0	2.7	1.6	1.2
100*****	4.4	4.3	4.1	4.0	3.8	3.6	3.2	2.7	2.1	1.4
125*****	3.9	3.8	3.6	3.5	3.2	3.0	2.8	2.5	2.1	1.2
150*****	3.2	3.0	2.8	2.5	2.1	2.0	1.9	1.8	1.6	1.4

Notes: For correct usage of these tables refer to the Microdata Documentation

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**Approximate Variance Tables**

**Adult Training Survey February 1986 - All Other Training**

**Manitoba**

Numerator of Percentage (,000)	Estimated Percentage									90.0%
	0.1%	1.0%	2.0%	5.0%	10.0%	15.0%	20.0%	25.0%	30.0%	
250	*****	*****	*****	*****	*****	*****	*****	*****	*****	2.7
300	*****	*****	*****	*****	*****	*****	*****	*****	*****	2.3
350	*****	*****	*****	*****	*****	*****	*****	*****	*****	2.3
400	*****	*****	*****	*****	*****	*****	*****	*****	*****	2.3
450	*****	*****	*****	*****	*****	*****	*****	*****	*****	2.3
500	*****	*****	*****	*****	*****	*****	*****	*****	*****	2.3

**Notes: For correct usage of these tables refer to the Microdata Documentation**

### Approximate Variance Tables

#### Adult Training Survey February 1986 - All Other Training

##### Saskatchewan

Numerator of Percentage (.000)	Estimated Percentage									90.0%
	0.1%	1.0%	2.0%	5.0%	10.0%	15.0%	20.0%	25.0%	30.0%	
1	41.9	41.7	41.0	40.0	38.8	37.7	36.5	35.2	34.0	29.8
2	29.6	29.5	29.0	28.3	27.5	26.6	25.8	24.9	24.0	23.1
3	24.2	24.1	23.7	23.1	22.4	21.7	21.1	20.3	19.6	18.8
4	21.0	20.8	20.5	20.0	19.4	18.8	18.2	17.6	17.0	16.3
5	18.7	18.6	18.4	17.9	17.4	16.8	16.3	15.8	15.2	14.6
6	17.1	17.0	16.8	16.3	15.9	15.4	14.9	14.4	13.9	13.3
7	15.8	15.5	15.1	14.7	14.2	13.8	13.3	12.8	12.3	11.3
8	14.7	14.5	14.1	13.7	13.3	12.9	12.5	12.0	11.5	10.5
9	13.9	13.7	13.3	12.9	12.6	12.2	11.7	11.3	10.9	9.9
10	13.2	13.0	12.6	12.3	11.9	11.5	11.1	10.7	10.3	9.4
11	12.6	12.4	12.0	11.7	11.4	11.0	10.6	10.2	9.8	9.0
12	12.0	11.8	11.5	11.2	10.9	10.5	10.2	9.8	9.4	8.6
13	11.4	11.1	10.8	10.4	10.1	9.8	9.4	9.0	8.6	8.2
14	11.0	10.7	10.4	10.1	9.7	9.4	9.1	8.7	8.0	7.7
15	10.6	10.3	10.0	9.7	9.4	9.1	8.8	8.4	7.9	7.3
16	10.3	10.0	9.7	9.4	9.1	8.8	8.5	8.2	7.8	7.4
17	10.0	9.7	9.4	9.1	8.8	8.5	8.2	7.9	7.2	5.6
18	9.7	9.4	9.2	8.9	8.6	8.3	8.0	7.7	7.0	5.4
19	9.4	9.2	8.9	8.6	8.4	8.1	7.8	7.5	6.8	5.3
20	9.2	8.9	8.7	8.4	8.2	7.9	7.6	7.3	6.7	5.2
21	9.0	8.7	8.5	8.2	8.0	7.7	7.4	7.1	6.5	5.0
22	8.8	8.5	8.3	8.0	7.8	7.5	7.2	7.0	6.3	4.9
23	8.6	8.3	8.1	7.9	7.6	7.3	7.1	6.8	6.2	4.8
24	8.4	8.2	7.9	7.7	7.4	7.2	6.9	6.7	6.1	4.7
25	8.2	8.0	7.8	7.5	7.3	7.0	6.8	6.5	6.0	4.6
30	7.5	7.3	7.1	6.9	6.7	6.4	6.2	6.0	5.4	4.2
35	6.8	6.6	6.4	6.2	6.0	5.7	5.5	5.0	3.9	2.3
40	6.3	6.1	6.0	5.8	5.6	5.4	5.1	4.9	4.4	3.4
45	6.0	5.8	5.6	5.4	5.3	5.0	4.8	4.6	4.2	3.3
50	5.7	5.5	5.3	5.2	5.0	4.8	4.6	4.4	4.0	3.1
55	5.4	5.2	5.1	4.9	4.8	4.6	4.4	4.2	3.9	1.8
60	5.2	5.0	4.9	4.7	4.5	4.4	4.2	4.0	3.7	2.1
65	4.8	4.7	4.5	4.4	4.2	4.1	3.9	3.6	3.4	2.0
70	4.6	4.5	4.4	4.2	4.1	3.9	3.6	3.4	3.1	1.6
75	4.5	4.3	4.2	4.1	3.9	3.6	3.4	2.7	1.5	
80	4.3	4.2	4.1	3.9	3.8	3.6	3.3	2.6	1.5	
85	4.2	4.1	4.0	3.8	3.7	3.6	3.4	2.5	1.4	
90	4.1	4.0	3.8	3.7	3.6	3.5	3.3	2.4	1.4	
95	3.9	3.7	3.6	3.5	3.4	3.3	3.0	2.3	1.3	
100	3.8	3.6	3.5	3.4	3.3	3.2	2.9	2.7	2.1	
125	3.0	2.9	2.8	2.7	2.4	2.3	2.1	1.9	1.1	
150	2.9	2.8	2.7	2.4	2.3	2.1	1.6	0.9		
200	2.4	2.3	2.2	2.1	2.0	1.9	1.8	1.7		

Notes: For correct usage of these tables refer to the Microdata Documentation

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**Approximate Variance Tables**

**Adult Training Survey February 1986 - All Other Training**

**Saskatchewan**

Numerator of Percentage (.000)	Estimated Percentage								
	0.1%	1.0%	2.0%	5.0%	10.0%	15.0%	20.0%	25.0%	30.0%
250	*****	*****	*****	*****	*****	*****	*****	*****	*****
300	*****	*****	*****	*****	*****	*****	*****	*****	*****
350	*****	*****	*****	*****	*****	*****	*****	*****	*****
400	*****	*****	*****	*****	*****	*****	*****	*****	*****
450	*****	*****	*****	*****	*****	*****	*****	*****	*****
500	*****	*****	*****	*****	*****	*****	*****	*****	*****

**Notes:** For correct usage of these tables refer to the Microdata Documentation

Approximate Variance Tables

Adult Training Survey February 1986 - All Other Training

Alberta

Numerator of Percentage (.000)	Estimated Percentage								
	0.1%	1.0%	2.0%	5.0%	10.0%	15.0%	20.0%	25.0%	30.0%
1	60.8	60.2	59.3	57.7	56.1	54.4	52.7	50.9	49.0
2	***	62.5	62.6	61.9	60.8	59.7	58.5	57.2	56.0
3	***	34.9	34.8	34.2	33.3	32.4	31.4	30.4	29.4
4	***	30.3	30.1	29.6	28.9	28.0	27.2	26.3	25.4
5	***	27.1	26.9	26.5	25.8	25.1	24.3	23.6	22.8
6	***	24.7	24.6	24.2	23.6	22.9	22.2	21.5	20.8
7	***	22.9	22.8	22.4	21.8	21.2	20.6	19.9	19.2
8	***	21.4	21.3	21.0	20.4	19.8	19.2	18.6	18.0
9	***	20.2	20.1	19.8	19.2	18.7	18.1	17.6	17.0
10	***	19.1	19.0	18.7	18.2	17.7	17.2	16.7	16.1
11	***	18.2	18.2	17.9	17.4	16.9	16.4	15.9	15.3
12	***	17.5	17.4	17.1	16.7	16.2	15.7	15.2	14.7
13	***	16.8	16.7	16.4	16.0	15.6	15.1	14.6	14.1
14	***	16.2	16.1	15.8	15.4	15.0	14.5	14.0	13.6
15	***	15.6	15.5	15.3	14.9	14.5	14.0	13.6	13.1
16	***	15.1	15.1	14.8	14.4	14.0	13.6	13.2	12.7
17	***	14.6	14.4	14.0	13.6	13.2	12.8	12.3	11.9
18	***	14.2	14.0	13.6	13.2	12.8	12.4	12.0	11.6
19	***	13.8	13.6	13.2	12.9	12.5	12.1	11.7	11.2
20	***	13.5	13.3	12.9	12.5	12.2	11.8	11.4	11.0
21	***	13.1	12.9	12.6	12.2	11.9	11.5	11.1	10.7
22	***	12.8	12.6	12.3	12.0	11.6	11.2	10.8	10.5
23	***	12.6	12.4	12.0	11.7	11.3	11.0	10.6	10.2
24	***	12.3	12.1	11.8	11.4	11.1	10.8	10.4	10.0
25	***	12.0	11.9	11.5	11.2	10.9	10.5	10.2	9.8
30	***	11.0	10.8	10.5	10.2	9.9	9.6	9.3	9.0
35	***	10.0	9.8	9.5	9.2	8.9	8.6	8.3	8.0
40	***	9.4	9.1	8.9	8.6	8.3	8.0	7.8	7.4
45	***	8.8	8.6	8.4	8.1	7.9	7.6	7.3	7.0
50	***	8.4	8.2	7.9	7.7	7.4	7.2	6.9	6.7
55	***	8.0	7.8	7.6	7.3	7.1	6.9	6.6	6.4
60	***	7.7	7.4	7.2	7.0	6.8	6.6	6.3	6.1
65	***	7.4	7.2	7.0	6.7	6.5	6.3	6.1	5.8
70	***	7.1	6.9	6.7	6.5	6.3	6.1	5.9	5.6
75	***	6.8	6.7	6.5	6.3	6.1	5.9	5.7	5.4
80	***	6.5	6.3	6.1	5.9	5.7	5.5	5.3	4.8
85	***	6.3	6.1	5.9	5.7	5.5	5.3	5.1	4.7
90	***	6.1	5.9	5.7	5.5	5.4	5.2	5.0	4.5
95	***	5.9	5.8	5.6	5.4	5.2	5.0	4.8	4.4
100	***	5.8	5.6	5.4	5.3	5.1	4.9	4.7	4.3
105	***	5.2	5.0	4.9	4.7	4.6	4.4	4.2	3.8
110	***	4.7	4.6	4.4	4.3	4.2	4.0	3.8	3.5
115	***	4.0	3.8	3.7	3.6	3.5	3.3	3.0	2.4
120	***	3.5	3.4	3.3	3.2	3.1	3.0	2.9	2.3

Notes: For correct usage of these tables refer to the Microdata Documentation

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Approximate Variance Tables

Adult Training Survey February 1986 - All Other Training

Alberta

Numerator of Percentage (.000)	Estimated Percentage									90.0%
	0.1%	1.0%	2.0%	5.0%	10.0%	15.0%	20.0%	25.0%	30.0%	
250	*****	3.4	3.3	3.2	3.1	3.0	2.7	2.5	2.1	1.2
300	*****	3.1	3.0	2.9	2.8	2.7	2.5	2.3	1.9	1.1
350	*****	2.8	2.7	2.6	2.5	2.4	2.2	2.0	1.8	1.0
400	*****	2.5	2.5	2.5	2.4	2.3	2.2	2.0	1.6	1.0
450	*****	2.4	2.3	2.2	2.1	1.9	1.6	1.4	1.1	0.9
500	*****	2.2	2.1	1.9	1.7	1.5	1.2	1.0	0.7	0.5
750	*****	1.6	1.6	1.6	1.5	1.4	1.2	1.0	0.7	0.4
1000	*****	1.1	1.1	1.1	1.1	1.1	1.0	1.0	0.9	0.6

Notes: For correct usage of these tables refer to the Microdata Documentation

Approximate Variance Tables

Adult Training Survey February 1986 - All Other Training

British Columbia

Numerator of Percentage (.000)	Estimated Percentage									90.0%
	0.1%	1.0%	2.0%	5.0%	10.0%	15.0%	20.0%	25.0%	30.0%	
1	80.3	79.9	79.5	78.3	76.2	74.0	71.8	69.5	67.2	62.2
2	*****	56.5	56.2	55.3	53.9	50.8	49.2	47.5	45.8	44.0
3	*****	46.1	45.9	45.2	44.0	42.7	41.5	40.1	38.8	37.4
4	*****	39.9	39.7	39.1	38.1	37.0	35.9	34.8	33.6	32.4
5	*****	35.7	35.5	35.0	34.1	33.1	32.1	31.1	30.0	29.0
6	*****	32.6	32.5	32.0	31.1	30.2	29.3	28.4	27.4	26.4
7	*****	30.2	30.0	29.6	28.8	28.0	27.1	26.3	25.4	24.5
8	*****	28.2	28.1	27.7	26.9	26.4	25.4	24.6	23.8	22.9
9	*****	26.6	26.5	26.1	25.4	24.7	23.9	23.2	22.4	21.6
10	*****	25.3	25.1	24.7	24.1	23.4	22.7	22.0	21.2	20.5
11	*****	24.1	24.0	23.6	23.0	22.3	21.7	21.0	20.3	19.5
12	*****	23.1	22.9	22.6	22.0	21.4	20.7	20.1	19.4	18.7
13	*****	22.2	22.0	21.7	21.1	20.5	19.9	19.3	18.6	18.0
14	*****	21.4	21.2	20.9	20.4	19.8	19.2	18.6	18.0	17.3
15	*****	20.6	20.5	20.2	19.7	19.1	18.5	18.0	17.3	16.7
16	*****	20.0	19.9	19.6	19.0	18.5	18.0	17.4	16.8	16.2
17	*****	19.4	19.3	19.0	18.5	18.0	17.4	16.9	16.3	15.7
18	*****	18.8	18.7	18.4	18.0	17.4	16.9	16.4	15.8	15.3
19	*****	18.2	18.0	17.5	17.0	16.5	16.0	15.4	14.9	14.3
20	*****	17.8	17.5	17.0	16.6	16.1	15.5	15.0	14.5	13.9
21	*****	17.3	17.1	16.6	16.2	15.7	15.2	14.7	14.1	13.6
22	*****	16.9	16.7	16.2	15.8	15.3	14.8	14.3	13.8	13.3
23	*****	16.6	16.3	15.9	15.4	15.0	14.5	14.0	13.5	13.0
24	*****	16.2	16.0	15.5	15.1	14.7	14.2	13.7	13.2	12.7
25	*****	15.9	15.7	15.2	14.8	14.4	13.9	13.4	12.9	12.4
30	*****	14.5	14.3	13.9	13.5	13.1	12.7	12.3	11.8	11.4
35	*****	13.4	13.2	12.9	12.5	12.1	11.8	11.4	10.9	10.5
40	*****	12.4	12.0	11.7	11.4	11.0	10.6	10.2	9.8	9.0
45	*****	11.7	11.4	11.0	10.7	10.4	10.0	9.7	9.3	8.5
50	*****	11.1	10.8	10.5	10.2	9.8	9.5	9.2	8.8	8.0
55	*****	10.6	10.3	10.0	9.7	9.4	9.1	8.7	8.4	7.7
60	*****	10.1	9.8	9.6	9.3	9.0	8.7	8.4	8.0	7.3
65	*****	9.7	9.4	9.2	8.9	8.6	8.3	8.0	7.7	7.0
70	*****	9.4	9.1	8.8	8.6	8.3	8.0	7.7	7.4	6.8
75	*****	9.0	8.8	8.5	8.3	8.0	7.8	7.5	7.2	6.6
80	*****	8.8	8.5	8.3	8.0	7.8	7.5	7.2	7.0	6.3
85	*****	8.5	8.3	8.0	7.8	7.5	7.3	7.0	6.7	6.2
90	*****	8.2	8.0	7.8	7.6	7.3	7.1	6.8	6.6	6.0
95	*****	7.8	7.6	7.4	7.1	6.9	6.6	6.4	5.8	5.5
100	*****	7.6	7.4	7.2	7.0	6.7	6.5	6.2	5.7	4.4
125	*****	6.8	6.6	6.4	6.2	6.0	5.8	5.6	5.1	3.9
150	*****	6.2	6.0	5.9	5.7	5.5	5.3	5.1	4.6	3.6
200	*****	5.2	5.1	4.9	4.8	4.6	4.4	4.3	4.0	3.1

Notes: For correct usage of these tables refer to the Microdata Documentation

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**Approximate Variance Tables**

**Adult Training Survey February 1986 – All Other Training**

**British Columbia**

Numerator of Percentage (.000)	Estimated Percentage								
	0.1%	1.0%	2.0%	5.0%	10.0%	15.0%	20.0%	25.0%	30.0%
250	*****	4.7	4.5	4.4	4.2	4.1	3.9	3.6	2.8
300	*****	4.1	4.0	3.9	3.7	3.6	3.3	2.5	1.5
350	*****	3.8	3.7	3.6	3.5	3.3	3.0	2.4	1.4
400	*****	3.5	3.4	3.2	3.1	2.8	2.2	1.3	
450	*****	3.3	3.2	3.1	2.9	2.7	2.1	1.2	
500	*****	3.0	2.9	2.8	2.7	2.5	2.0	1.1	
750	*****	2.1	1.6	1.4	0.8	0.7	0.9	0.9	
1000	*****	2.1	1.6	1.4	0.8	0.7	0.9	0.9	
1500	*****	2.1	1.6	1.4	0.8	0.7	0.9	0.9	

Notes: For correct usage of these tables refer to the Microdata Documentation

Approximate Variance Tables

Adult Training Survey February 1986 - All Other Training

Numerator of Percentage (.000)	Atlantic Provinces										
	5.0%	10.0%	15.0%	20.0%	25.0%	30.0%	35.0%	40.0%	50.0%	70.0%	
1 ****	48.7	48.5	48.3	47.5	45.0	43.6	42.2	40.8	39.3	37.8	36.7
2 ****	34.3	34.1	33.6	32.7	31.8	30.8	29.9	28.8	27.8	26.7	24.4
3 ****	28.0	27.9	27.4	26.7	26.0	25.2	24.4	23.6	22.7	21.8	19.9
4 ****	24.3	24.1	23.8	23.1	22.5	21.8	21.1	20.4	19.7	18.9	17.2
5 ****	21.7	21.6	21.3	20.7	20.1	19.5	18.9	18.2	17.6	16.9	15.4
6 ****	19.8	19.7	19.4	18.9	18.4	17.8	17.2	16.7	16.0	15.4	14.1
7 ****	18.3	18.2	18.0	17.5	17.0	16.5	16.0	15.4	14.9	14.3	13.0
8 ****	17.2	17.1	16.8	16.4	15.9	15.4	14.9	14.4	13.9	13.4	12.2
9 ****	16.2	16.1	15.8	15.4	15.0	14.5	14.1	13.6	13.1	12.6	11.5
10 ****	15.3	15.0	14.6	14.2	13.8	13.4	12.9	12.4	11.9	10.9	8.4
11 ****	14.6	14.3	13.9	13.6	13.1	12.7	12.3	11.9	11.4	10.4	8.1
12 ****	14.0	13.9	13.7	13.4	13.0	12.6	12.2	11.8	11.3	10.9	10.0
13 ****	13.5	13.4	13.2	12.8	12.5	12.1	11.7	11.3	10.9	10.5	10.1
14 ****	13.0	12.9	12.7	12.4	12.0	11.7	11.3	10.9	10.5	10.1	9.2
15 ****	12.5	12.3	11.9	11.6	11.3	11.0	10.9	10.5	10.2	9.8	8.9
16 ****	12.1	11.9	11.6	11.2	10.9	10.6	10.2	9.8	9.4	8.6	6.7
17 ****	11.7	11.5	11.2	10.9	10.6	10.2	9.9	9.5	9.2	8.4	6.5
18 ****	11.4	11.2	11.0	10.9	10.6	10.3	10.0	9.6	9.3	8.9	8.1
19 ****	11.1	10.9	10.6	10.3	10.0	9.7	9.4	9.0	8.7	7.9	6.1
20 ****	10.8	10.6	10.3	10.1	9.8	9.4	9.1	8.8	8.4	7.7	6.0
21 ****	10.5	10.4	10.1	9.8	9.5	9.2	8.9	8.6	8.2	7.5	5.8
22 ****	10.3	10.1	9.9	9.6	9.3	9.0	8.7	8.4	8.1	7.4	5.7
23 ****	10.1	9.9	9.6	9.4	9.1	8.8	8.5	8.2	7.9	7.2	5.6
24 ****	9.9	9.7	9.4	9.2	8.9	8.6	8.3	8.0	7.7	7.0	5.5
25 ****	9.7	9.5	9.3	9.0	8.7	8.4	8.2	7.9	7.6	6.9	5.3
30 ****	8.7	8.4	8.2	8.0	7.7	7.4	7.2	6.9	6.3	4.9	2.8
35 ****	8.0	7.8	7.6	7.4	7.1	6.9	6.6	6.4	5.8	4.5	2.6
40 ****	7.5	7.3	7.1	6.9	6.7	6.5	6.2	6.0	5.5	4.2	2.4
45 ****	7.1	6.9	6.7	6.5	6.3	6.1	5.9	5.6	5.1	4.0	2.3
50 ****	6.7	6.5	6.4	6.2	6.0	5.8	5.6	5.3	4.9	3.8	2.1
55 ****	6.4	6.2	6.1	5.9	5.7	5.5	5.3	5.1	4.6	3.6	2.0
60 ****	6.1	6.0	5.8	5.6	5.5	5.3	5.1	4.9	4.5	3.4	2.0
65 ****	5.9	5.7	5.6	5.4	5.2	5.1	4.9	4.7	4.3	3.3	1.9
70 ****	5.7	5.5	5.4	5.2	5.0	4.9	4.7	4.5	4.1	3.2	1.8
75 ****	5.3	5.2	5.0	4.9	4.7	4.5	4.4	4.0	3.1	1.8	
80 ****	5.2	5.0	4.9	4.7	4.6	4.4	4.2	3.9	3.0	1.7	
85 ****	5.0	4.9	4.7	4.6	4.4	4.3	4.1	3.7	2.9	1.7	
90 ****	4.9	4.7	4.6	4.5	4.3	4.1	4.0	3.6	2.8	1.6	
95 ****	4.7	4.6	4.5	4.3	4.2	4.0	3.9	3.5	2.7	1.6	
100 ****	4.6	4.5	4.4	4.2	4.1	3.9	3.8	3.4	2.7	1.5	
125 ****	4.1	4.0	3.9	3.8	3.6	3.4	3.2	3.1	2.4	1.4	
150 ****	3.7	3.6	3.4	3.3	3.2	3.1	3.0	2.9	2.8	2.1	
200 ****	3.2	3.1	3.0	2.9	2.8	2.7	2.6	2.5	2.4	2.1	

Notes: For correct usage of these tables refer to the Microdata Documentation

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**Approximate Variance Tables**

**Adult Training Survey February 1986 - All Other Training**

**Atlantic Provinces**

Numerator of Percentage (.000)	Estimated Percentage									50.0%	70.0%	90.0%
	0.1%	1.0%	2.0%	5.0%	10.0%	15.0%	20.0%	25.0%	30.0%			
250	*****	*****	*****	*****	*****	*****	*****	*****	*****	2.7	2.5	2.4
300	*****	*****	*****	*****	*****	*****	*****	*****	*****	2.4	2.3	2.2
350	*****	*****	*****	*****	*****	*****	*****	*****	*****	2.3	2.1	2.0
400	*****	*****	*****	*****	*****	*****	*****	*****	*****	2.0	1.9	1.7
450	*****	*****	*****	*****	*****	*****	*****	*****	*****	1.9	1.8	1.6
500	*****	*****	*****	*****	*****	*****	*****	*****	*****	1.8	1.7	1.5
750	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
1000	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****

**Notes:** For correct usage of these tables refer to the Microdata Documentation

**Approximate Variance Tables**

**Adult Training Survey February 1986 - All Other Training**

**Manitoba, Saskatchewan & Alberta**

Numerator of Percentage (.000)	Estimated Percentage								
	0.1%	1.0%	2.0%	5.0%	10.0%	15.0%	20.0%	25.0%	30.0%
1 55.7	55.4	55.2	54.3	52.9	51.4	49.8	48.2	46.6	44.9
2 39.4	39.2	39.0	38.4	37.4	36.3	35.2	34.1	33.0	31.8
3 ****	32.0	31.8	31.4	30.5	29.7	28.8	27.9	26.9	25.9
4 ****	27.7	27.6	27.2	26.4	25.7	24.9	24.1	23.3	22.5
5 24.8	24.7	24.3	23.6	23.0	22.3	21.6	20.8	20.1	19.3
6 22.6	22.5	22.2	21.6	21.0	20.3	19.7	19.0	18.3	17.6
7 21.0	20.8	20.5	20.0	19.4	18.8	18.2	17.6	17.0	16.3
8 19.6	19.5	19.2	18.7	18.2	17.6	17.1	16.5	15.9	15.3
9 ****	18.5	18.4	18.1	17.6	17.1	16.6	16.1	15.5	15.0
10 ****	17.5	17.4	17.2	16.7	16.2	15.8	15.3	14.7	14.2
11 ****	16.7	16.6	16.4	15.9	15.5	15.0	14.5	14.1	13.5
12 ****	16.0	15.9	15.7	15.3	14.8	14.4	13.9	13.5	13.0
13 ****	15.4	15.3	15.1	14.7	14.2	13.8	13.4	12.9	12.5
14 ****	14.8	14.7	14.5	14.1	13.7	13.3	12.9	12.5	12.0
15 ****	14.3	14.2	14.0	13.6	13.3	12.9	12.5	12.0	11.6
16 ****	13.9	13.8	13.6	13.2	12.8	12.5	12.1	11.7	11.2
17 ****	13.4	13.4	13.2	12.8	12.5	12.1	11.7	11.3	10.9
18 ****	13.1	13.0	12.8	12.5	12.1	11.7	11.4	11.0	10.6
19 ****	12.7	12.7	12.5	12.1	11.8	11.4	11.1	10.7	10.3
20 ****	12.4	12.3	12.1	11.8	11.5	11.1	10.8	10.4	10.0
21 ****	12.1	12.0	11.8	11.5	11.2	10.9	10.5	10.2	9.8
22 ****	11.8	11.8	11.6	11.3	11.0	10.6	10.3	9.9	9.6
23 ****	11.6	11.5	11.3	11.0	10.7	10.4	10.1	9.7	9.4
24 ****	11.3	11.3	11.1	10.8	10.5	10.2	9.8	9.5	9.2
25 ****	11.1	11.0	10.9	10.6	10.3	10.0	9.6	9.3	9.0
35 ****	10.1	9.9	9.6	9.4	9.1	8.8	8.5	8.2	7.9
40 ****	9.3	9.2	8.9	8.7	8.4	8.2	7.9	7.6	7.3
45 ****	8.7	8.6	8.4	8.1	7.9	7.6	7.4	7.1	6.8
50 ****	8.2	8.1	7.9	7.7	7.4	7.2	6.9	6.7	6.4
55 ****	7.8	7.7	7.5	7.3	7.0	6.8	6.6	6.4	6.1
60 ****	7.4	7.3	7.1	6.9	6.7	6.5	6.3	6.1	5.8
65 ****	7.0	6.8	6.6	6.4	6.2	6.0	5.8	5.6	5.4
70 ****	6.7	6.6	6.4	6.2	6.0	5.8	5.6	5.4	5.2
75 ****	6.5	6.3	6.1	5.9	5.7	5.6	5.4	5.2	5.0
80 ****	6.1	5.9	5.7	5.6	5.4	5.2	5.0	4.8	4.6
85 ****	5.9	5.7	5.6	5.4	5.2	5.1	4.9	4.7	4.5
90 ****	5.7	5.6	5.4	5.3	5.1	5.0	4.8	4.7	4.5
95 ****	5.6	5.4	5.3	5.1	5.0	4.8	4.6	4.4	4.0
100 ****	5.4	5.3	5.1	5.0	4.8	4.7	4.5	4.3	3.9
125 ****	4.9	4.7	4.6	4.5	4.3	4.1	3.9	3.7	3.5
150 ****	4.3	4.2	4.1	3.9	3.7	3.5	3.3	3.2	3.1
200 ****	3.7	3.6	3.5	3.4	3.3	3.2	3.0	2.8	2.2

Notes: For correct usage of these tables refer to the Microdata Documentation

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**Approximate Variance Tables**

**Adult Training Survey February 1986 - All Other Training**

**Manitoba, Saskatchewan & Alberta**

Numerator of Percentage (1,000)	Estimated Percentage								
	0.1%	1.0%	2.0%	5.0%	10.0%	15.0%	20.0%	25.0%	30.0%
250	*****	3.3	3.2	3.2	3.1	2.9	2.8	2.7	2.5
300	*****	3.0	2.9	2.8	2.7	2.6	2.5	2.3	1.8
350	*****	2.7	2.7	2.6	2.5	2.4	2.3	2.1	1.6
400	*****	2.6	2.5	2.4	2.3	2.2	2.2	2.0	1.5
450	*****	2.5	2.4	2.3	2.3	2.2	2.1	2.0	1.9
500	*****	2.4	2.3	2.3	2.3	2.2	2.1	2.0	1.9
750	*****	2.2	2.2	2.2	2.1	2.0	1.9	1.8	1.4
1000	*****	2.0	2.0	2.0	1.7	1.7	1.6	1.6	1.4
1500	*****	1.7	1.7	1.7	1.7	1.6	1.6	1.5	1.3
2000	*****	1.5	1.5	1.5	1.5	1.4	1.4	1.3	1.2
	*****	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.2
	*****	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.1
	*****	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.0
	*****	1.1	1.1	1.1	1.1	1.1	1.1	1.0	0.9
	*****	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.8
	*****	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.7
	*****	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.6
	*****	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.5
	*****	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.4

**Notes:** For correct usage of these tables refer to the Microdata Documentation



**Approximate Variance Tables**  
**Adult Training Survey February 1986 - Full Time Students**

Canada

Numerator of Percentage (.000)	Estimated Percentage										50.0%	50.0%	40.0%	35.0%	30.0%	25.0%	20.0%	15.0%	10.0%	5.0%	2.0%	1.0%	0.1%		
	90.0%	80.0%	70.0%	60.0%	50.0%	40.0%	30.0%	20.0%	15.0%	10.0%															
1	66.7	66.4	66.1	65.1	63.3	61.6	59.7	57.8	55.9	53.8	51.7	47.2	36.6	33.4	30.6	27.3	21.1	14.9	9.4	4.4	2.2	1.1	0.1		
2	47.2	46.7	46.0	44.8	43.5	42.2	40.9	39.5	38.1	36.6	33.4	30.6	25.9	23.6	21.1	12.2	12.1	10.6	9.4	4.4	2.2	1.1	0.1		
3	38.5	38.4	38.2	37.6	36.6	35.5	34.5	33.4	32.3	31.1	29.9	27.3	25.9	23.6	21.1	12.2	12.1	10.6	9.4	4.4	2.2	1.1	0.1		
4	33.4	33.2	33.1	32.5	31.7	30.8	29.9	28.9	27.9	26.9	25.9	24.1	23.1	21.1	16.4	14.9	13.8	8.0	8.6	4.4	2.2	1.1	0.1		
5	29.8	29.7	29.6	29.1	28.3	27.5	26.7	25.9	25.0	24.1	22.8	22.0	21.1	19.3	19.5	17.8	15.8	13.8	8.0	8.6	4.4	2.2	1.1	0.1	
6	27.2	27.1	27.0	26.6	25.9	25.1	24.4	23.6	22.8	21.9	21.1	20.3	19.5	17.8	15.8	13.8	12.9	7.5	8.0	4.4	2.2	1.1	0.1		
7	25.2	25.1	25.0	24.6	23.9	23.3	22.6	21.9	21.1	20.4	19.8	19.0	18.3	16.7	15.7	12.9	12.2	10.6	10.6	6.1	8.0	4.4	2.2	1.1	0.1
8	23.6	23.5	23.4	23.0	22.4	21.8	21.1	20.4	19.8	19.0	18.3	17.5	16.7	15.7	12.2	12.2	12.2	7.0	7.0	5.9	5.9	4.4	2.2	1.1	0.1
9	22.2	22.1	22.0	21.7	21.1	20.4	19.7	19.3	18.6	17.9	17.2	16.4	15.7	15.7	12.6	9.8	9.8	12.6	12.6	5.6	5.6	4.4	2.2	1.1	0.1
10	21.1	21.0	20.9	20.6	20.0	19.5	18.9	18.3	17.7	17.0	16.4	14.9	14.9	14.9	11.6	11.6	11.6	6.7	6.7	4.4	2.2	1.1	0.1		
11	20.1	20.0	19.9	19.6	19.1	18.6	18.0	17.4	16.8	16.2	15.6	14.2	14.2	14.2	11.0	11.0	11.0	6.4	6.4	4.4	2.2	1.1	0.1		
12	19.3	19.2	19.1	18.8	18.3	17.8	17.2	16.7	16.1	15.5	14.9	13.6	13.6	13.6	10.6	10.6	10.6	6.1	6.1	4.4	2.2	1.1	0.1		
13	18.5	18.4	18.3	18.1	17.6	17.1	16.6	16.0	15.5	14.9	14.3	13.1	13.1	13.1	10.1	10.1	10.1	5.9	5.9	4.4	2.2	1.1	0.1		
14	17.8	17.8	17.7	17.4	16.9	16.5	16.0	15.5	14.9	14.4	13.8	13.4	13.4	13.4	10.8	10.8	10.8	5.6	5.6	4.4	2.2	1.1	0.1		
15	17.2	17.2	17.1	16.8	16.4	15.9	15.4	14.9	14.4	14.0	13.5	12.9	12.9	12.9	9.1	9.1	9.1	5.3	5.3	4.4	2.2	1.1	0.1		
16	16.7	16.6	16.5	16.3	15.8	15.4	14.9	14.5	14.0	13.5	13.1	12.5	12.5	12.5	8.9	8.9	8.9	5.1	5.1	4.4	2.2	1.1	0.1		
17	*****	16.1	16.0	15.8	15.4	14.9	14.5	14.1	13.6	13.2	12.7	12.2	12.2	12.2	11.1	11.1	11.1	5.0	5.0	4.4	2.2	1.1	0.1		
18	*****	15.7	15.6	15.3	14.9	14.5	14.1	13.7	13.3	12.8	12.4	11.9	11.9	11.9	10.8	10.8	10.8	4.8	4.8	4.4	2.2	1.1	0.1		
19	*****	15.2	15.2	14.9	14.5	14.1	13.7	13.3	12.8	12.4	12.4	12.0	12.0	12.0	10.6	10.6	10.6	4.7	4.7	4.4	2.2	1.1	0.1		
20	*****	14.9	14.8	14.6	14.2	13.8	13.4	13.0	12.6	12.2	11.7	11.3	10.3	10.3	8.0	8.0	8.0	4.6	4.6	4.4	2.2	1.1	0.1		
21	*****	14.5	14.4	14.2	13.8	13.4	13.0	12.6	12.2	11.8	11.3	10.8	10.8	10.8	8.6	8.6	8.6	4.5	4.5	4.4	2.2	1.1	0.1		
22	*****	14.2	14.1	13.9	13.5	13.1	12.7	12.3	11.9	11.5	11.0	10.1	10.1	10.1	7.8	7.8	7.8	4.5	4.5	4.4	2.2	1.1	0.1		
23	*****	13.9	13.8	13.6	13.2	12.9	12.6	12.2	11.8	11.4	11.0	10.6	10.6	10.6	9.6	9.6	9.6	4.3	4.3	4.4	2.2	1.1	0.1		
24	*****	13.6	13.5	13.3	12.9	12.5	12.2	11.9	11.6	11.2	10.8	10.3	10.3	10.3	9.4	9.4	9.4	4.2	4.2	4.4	2.2	1.1	0.1		
25	*****	13.3	13.2	13.0	12.7	12.3	12.0	11.7	11.4	11.0	10.6	10.2	10.2	10.2	9.8	9.8	9.8	4.1	4.1	4.4	2.2	1.1	0.1		
30	*****	12.1	12.1	11.9	11.6	11.2	10.9	10.5	10.1	9.8	9.4	9.1	8.7	8.7	8.0	8.0	8.0	3.6	3.6	4.4	2.2	1.1	0.1		
35	*****	11.2	11.2	11.0	10.7	10.4	10.0	9.7	9.4	9.1	8.8	8.5	8.2	7.5	5.8	5.8	5.8	3.3	3.3	4.4	2.2	1.1	0.1		
40	*****	10.5	10.5	10.3	10.0	9.7	9.4	9.2	8.9	8.6	8.3	8.0	7.7	7.7	7.0	5.5	5.5	5.5	5.5	5.5	4.4	2.2	1.1	0.1	
45	*****	9.9	9.9	9.6	9.3	9.2	9.0	8.7	8.4	8.1	7.8	7.5	7.3	7.3	6.7	6.7	6.7	3.0	3.0	4.4	2.2	1.1	0.1		
50	*****	9.4	9.0	8.9	8.8	8.5	8.2	7.9	7.6	7.4	7.1	6.9	6.7	6.7	6.4	6.4	6.4	2.8	2.8	4.2	2.2	1.1	0.1		
55	*****	9.0	8.6	8.5	8.4	8.2	8.1	7.9	7.7	7.5	7.2	6.9	6.7	6.7	6.4	6.4	6.4	2.7	2.7	4.1	2.2	1.1	0.1		
60	*****	8.6	8.2	8.0	7.8	7.5	7.3	7.1	6.9	6.7	6.5	6.3	6.1	6.1	5.8	5.8	5.8	2.6	2.6	4.5	2.2	1.1	0.1		
65	*****	8.2	7.9	7.6	7.3	7.0	6.7	6.4	6.1	5.9	5.7	5.5	5.5	5.5	5.0	5.0	5.0	2.5	2.5	4.4	2.2	1.1	0.1		
70	*****	7.9	7.6	7.3	7.0	6.7	6.4	6.1	5.8	5.6	5.4	5.2	5.0	5.0	5.3	5.3	5.3	2.4	2.4	4.2	2.2	1.1	0.1		
75	*****	7.7	7.6	7.5	7.3	7.1	6.9	6.7	6.5	6.3	6.0	5.8	5.6	5.6	5.2	5.2	5.2	2.4	2.4	4.2	2.2	1.1	0.1		
80	*****	7.4	7.4	7.3	7.1	6.9	6.7	6.5	6.3	6.1	5.8	5.6	5.4	5.4	5.0	5.0	5.0	2.3	2.3	4.2	2.2	1.1	0.1		
85	*****	7.2	7.2	7.1	6.9	6.7	6.5	6.3	6.1	5.9	5.7	5.5	5.3	5.3	5.0	5.0	5.0	2.2	2.2	4.2	2.2	1.1	0.1		
90	*****	7.0	7.0	6.8	6.7	6.5	6.3	6.1	5.9	5.7	5.5	5.3	5.1	5.1	4.8	4.8	4.8	2.2	2.2	4.2	2.2	1.1	0.1		
95	*****	6.8	6.8	6.6	6.5	6.3	6.1	5.9	5.7	5.5	5.3	5.1	5.0	5.0	4.8	4.8	4.8	2.1	2.1	4.2	2.1	1.1	0.1		
100	*****	6.6	6.6	6.5	6.3	6.1	5.9	5.7	5.5	5.3	5.1	5.0	4.8	4.8	4.6	4.6	4.6	2.0	2.0	4.2	2.0	1.1	0.1		
125	*****	5.9	5.9	5.8	5.6	5.4	5.2	5.0	4.8	4.6	4.4	4.2	4.0	4.0	3.8	3.8	3.8	1.9	1.9	4.2	2.0	1.1	0.1		
150	*****	5.4	5.4	5.2	4.9	4.6	4.4	4.2	4.0	3.8	3.6	3.4	3.2	3.2	3.0	2.8	2.8	1.8	1.8	4.2	2.0	1.1	0.1		
200	*****	4.7	4.7	4.6	4.4	4.2	4.0	3.8	3.6	3.4	3.2	3.0	2.8	2.8	2.6	2.6	2.6	1.6	1.6	4.2	2.0	1.1	0.1		

Notes: For correct usage of these tables refer to the Microdata Documentation

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Approximate Variance Tables  
Adult Training Survey February 1986 - Full Time Students

Numerator of Percentage ('000)	Estimated Percentage									Canada				
	0.1%	1.0%	2.0%	5.0%	10.0%	15.0%	20.0%	25.0%	30.0%	35.0%	40.0%	50.0%	70.0%	90.0%
250	*****	4.2	4.0	3.9	3.8	3.7	3.5	3.4	3.3	3.0	2.3	2.3	1.3	
300	*****	3.8	3.6	3.4	3.3	3.2	3.1	3.0	2.9	2.8	2.7	2.1	1.2	
350	*****	3.5	3.4	3.3	3.2	3.1	3.0	2.9	2.8	2.5	2.0	2.0	1.1	
400	*****	3.3	3.2	3.1	3.0	2.9	2.8	2.7	2.6	2.4	2.4	1.8	1.1	
450	*****	3.1	3.0	2.9	2.8	2.7	2.6	2.5	2.4	2.4	2.2	1.7	1.0	
500	*****	2.9	2.8	2.8	2.7	2.6	2.5	2.4	2.3	2.3	2.1	1.6	0.9	
750	*****	2.4	2.3	2.2	2.2	2.1	2.0	2.0	1.9	1.7	1.3	0.8		
1000	*****	2.0	1.9	1.9	1.8	1.8	1.7	1.6	1.5	1.5	1.2	0.7		
1500	*****	1.6	1.6	1.5	1.5	1.4	1.4	1.4	1.3	1.2	1.1	0.9	0.5	
2000	*****	1.4	1.4	1.3	1.3	1.2	1.2	1.2	1.1	1.1	0.8	0.5		
3000	*****	1.1	1.1	1.1	1.0	1.0	1.0	0.9	0.9	0.9	0.7	0.4		
4000	*****	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.6	0.3		
5000	*****	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.5	0.3		
6000	*****	0.7	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.5	0.3		
7000	*****	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.4	0.3		
8000	*****	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.2		
9000	*****	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.2	0.2		
10000	*****	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.2	0.2		
12500	*****	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2		

Notes: For correct usage of these tables refer to the Microdata Documentation

Approximate Variance Tables

Adult Training Survey February 1986 - Full Time Students

Numerator of Percentage (.000)	Newfoundland										Estimated Percentage				90.0%
	0.1%	1.0%	2.0%	5.0%	10.0%	15.0%	20.0%	25.0%	30.0%	35.0%	40.0%	50.0%	70.0%	70.0%	
1	*****	33.3	33.2	32.6	31.8	30.9	30.0	29.0	28.0	27.0	25.9	23.7	18.3	10.6	10.6
2	*****	23.6	23.4	23.1	22.5	21.8	21.2	20.5	19.8	19.1	18.3	16.7	13.0	7.5	7.5
3	*****	19.2	19.1	18.8	18.3	17.8	17.3	16.7	16.2	15.6	15.0	13.7	10.6	6.1	6.1
4	*****	16.6	16.3	15.9	15.4	15.0	14.5	14.0	13.5	13.0	13.5	11.8	9.2	5.3	5.3
5	*****	14.8	14.6	14.2	13.8	13.4	13.0	12.5	12.1	11.6	10.6	8.2	4.7	4.7	4.7
6	*****	13.5	13.3	13.0	12.6	12.2	11.8	11.4	11.0	10.6	9.7	7.5	4.3	4.3	4.3
7	*****	12.5	12.3	12.0	11.7	11.3	11.0	10.6	10.2	9.8	9.0	6.9	4.0	4.0	4.0
8	*****	11.5	11.2	10.9	10.6	10.3	10.0	9.7	9.3	9.0	8.6	8.4	6.5	3.7	3.7
9	*****	10.9	10.6	10.3	10.0	9.8	9.5	9.2	8.9	8.5	8.2	7.5	5.8	3.5	3.5
10	*****	10.3	10.0	9.8	9.5	9.3	9.0	8.7	8.4	8.1	7.8	7.1	5.5	3.2	3.2
11	*****	9.8	9.6	9.4	9.2	8.9	8.6	8.4	8.1	7.8	7.5	6.8	5.3	3.1	3.1
12	*****	9.4	9.2	9.0	8.8	8.6	8.3	8.0	7.8	7.5	7.2	6.6	5.1	2.9	2.9
13	*****	9.1	8.8	8.6	8.4	8.3	8.0	7.8	7.5	7.2	6.9	6.3	4.9	2.8	2.8
14	*****	8.7	8.5	8.3	8.0	7.7	7.5	7.2	7.0	6.7	6.1	4.7	2.7	2.7	2.7
15	*****	8.4	8.2	8.0	7.7	7.5	7.3	7.0	6.8	6.5	5.9	4.6	2.6	2.6	2.6
16	*****	8.2	7.9	7.7	7.5	7.3	7.0	6.8	6.5	6.3	5.7	4.4	2.6	2.6	2.6
17	*****	7.9	7.7	7.5	7.3	7.1	6.8	6.6	6.4	6.1	5.6	4.3	2.5	2.5	2.5
18	*****	7.5	7.3	7.1	6.9	6.7	6.4	6.2	6.0	5.6	5.4	4.2	2.4	2.4	2.4
19	*****	7.3	7.1	6.9	6.7	6.5	6.3	6.0	5.8	5.3	4.1	2.4	2.4	2.4	2.4
20	*****	7.1	6.9	6.7	6.5	6.3	6.1	5.9	5.7	5.2	4.0	2.3	2.3	2.3	2.3
21	*****	6.9	6.7	6.5	6.3	6.1	5.9	5.8	5.5	5.0	3.9	2.3	2.3	2.3	2.3
22	*****	6.8	6.6	6.4	6.2	6.0	5.8	5.6	5.4	5.0	4.6	3.9	2.3	2.3	2.3
23	*****	6.6	6.4	6.2	6.0	5.8	5.6	5.4	5.2	4.7	4.3	3.7	2.2	2.2	2.2
24	*****	6.5	6.3	6.1	5.9	5.7	5.5	5.3	5.0	4.8	4.5	3.7	2.1	2.1	2.1
25	*****	6.4	6.2	6.0	5.8	5.6	5.4	5.2	5.0	4.7	4.3	3.7	2.1	2.1	2.1
30	*****	5.8	5.6	5.5	5.3	5.1	4.9	4.7	4.6	4.0	3.3	1.9	1.9	1.9	1.9
35	*****	5.4	5.2	5.1	4.9	4.7	4.6	4.4	4.3	4.1	3.7	2.9	1.7	1.7	1.7
40	*****	4.9	4.7	4.6	4.4	4.2	4.0	3.8	3.6	3.5	3.2	2.9	2.3	1.3	1.3
45	*****	4.6	4.5	4.3	4.1	4.0	3.8	3.6	3.5	3.4	3.0	2.7	2.2	1.6	1.6
50	*****	4.4	4.2	4.1	4.0	3.9	3.8	3.6	3.5	3.4	3.0	2.7	2.1	1.5	1.5
55	*****	4.0	3.9	3.8	3.7	3.6	3.5	3.3	3.2	3.1	2.9	2.6	2.1	1.4	1.4
60	*****	3.9	3.7	3.6	3.5	3.4	3.3	3.2	3.0	2.9	2.6	2.4	2.0	1.1	1.1
65	*****	3.7	3.6	3.5	3.4	3.3	3.2	3.1	3.0	2.9	2.8	2.7	2.5	1.1	1.1
70	*****	3.6	3.5	3.4	3.3	3.2	3.1	3.0	2.9	2.8	2.7	2.4	1.9	1.1	1.1
75	*****	3.2	3.1	3.0	2.9	2.8	2.7	2.6	2.5	2.4	2.3	2.1	1.8	1.1	1.1
80	*****	3.1	3.0	2.9	2.8	2.7	2.6	2.5	2.4	2.3	2.1	1.6	0.9	0.9	0.9
85	*****	3.0	2.9	2.8	2.7	2.6	2.5	2.4	2.3	2.2	2.0	1.9	1.5	0.9	0.9
90	*****	2.9	2.8	2.7	2.6	2.5	2.4	2.3	2.2	2.1	2.0	1.9	1.5	1.3	1.3
95	*****	2.8	2.7	2.6	2.5	2.4	2.3	2.2	2.1	2.0	1.9	1.5	1.3	0.7	0.7
100	*****	2.7	2.6	2.5	2.4	2.3	2.2	2.1	2.0	1.9	1.8	1.5	1.3	1.3	1.3
125	*****	2.4	2.3	2.2	2.1	2.0	1.9	1.8	1.7	1.6	1.5	1.3	1.3	1.3	1.3
150	*****	2.0	1.9	1.8	1.7	1.6	1.5	1.4	1.3	1.2	1.1	1.0	0.9	0.9	0.9
200	*****	1.9	1.8	1.7	1.6	1.5	1.4	1.3	1.2	1.1	1.0	0.9	0.9	0.9	0.9

Notes: For correct usage of these tables refer to the Microdata Documentation

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**Approximate Variance Tables**

**Adult Training Survey February 1986 - Full Time Students**

**Newfoundland**

Numerator of Percentage (.000)	Estimated Percentage								
	0.1%	1.0%	2.0%	5.0%	10.0%	15.0%	20.0%	25.0%	30.0%
250	*****	*****	*****	*****	*****	*****	*****	*****	*****
300	*****	*****	*****	*****	*****	*****	*****	*****	*****

**Notes:** For correct usage of these tables refer to the Microdata Documentation

Approximate Variance Tables

Adult Training Survey February 1986 - Full Time Students

Prince Edward Island

Numerator of Percentage (.000)	Estimated Percentage							50.0%	40.0%	30.0%	20.0%	10.0%	5.0%	2.0%	1.0%	0.1%	0.0%
	90.0%	70.0%	50.0%	40.0%	30.0%	20.0%	10.0%										
1	26.5	26.1	25.4	24.7	24.0	23.2	22.4	21.6	20.7	18.9	14.7	10.4	6.0	4.9	4.2	3.8	8.5
2	18.5	18.0	17.5	16.9	16.4	15.8	15.3	14.7	13.4	10.4	8.5	6.6	4.4	3.5	3.2	3.0	6.0
3	15.1	14.7	14.3	13.8	13.4	12.9	12.5	12.0	10.9	9.3	8.5	7.3	5.7	4.2	3.8	3.5	4.9
4	12.7	12.3	12.0	11.6	11.2	10.8	10.4	10.4	9.5	9.3	8.5	7.7	6.0	5.5	5.2	5.0	5.5
5	11.4	11.0	10.7	10.4	10.0	9.7	9.1	8.8	8.5	7.7	7.2	6.7	6.0	5.5	5.2	5.0	5.5
6	10.4	10.1	9.8	9.5	9.1	8.8	8.5	8.2	7.8	7.2	6.7	6.3	5.7	5.2	5.0	4.8	5.2
7	9.6	9.3	9.1	8.8	8.5	8.2	7.9	7.6	7.3	6.7	6.3	5.9	5.4	5.0	4.8	4.6	5.0
8	8.7	8.5	8.2	7.9	7.6	7.3	7.0	6.7	6.4	6.1	5.8	5.5	5.1	4.8	4.5	4.3	4.8
9	8.2	8.0	7.7	7.5	7.2	7.0	6.8	6.6	6.4	6.1	5.8	5.5	5.1	4.8	4.5	4.3	4.8
10	7.8	7.6	7.3	7.1	6.9	6.7	6.5	6.3	6.1	5.9	5.6	5.3	5.0	4.7	4.4	4.2	4.6
11	7.4	7.2	7.0	6.8	6.6	6.4	6.2	6.0	5.8	5.6	5.3	5.0	4.7	4.4	4.2	4.0	4.4
12	6.9	6.7	6.5	6.3	6.1	5.9	5.7	5.5	5.3	5.1	4.9	4.6	4.3	4.1	3.9	3.7	4.1
13	6.6	6.4	6.2	6.0	5.8	5.6	5.4	5.2	5.0	4.8	4.6	4.3	4.1	3.9	3.7	3.5	4.1
14	6.4	6.2	6.0	5.8	5.6	5.4	5.2	5.0	4.8	4.6	4.4	4.2	4.0	3.8	3.6	3.4	3.8
15	6.2	6.0	5.8	5.6	5.4	5.2	5.0	4.8	4.6	4.4	4.2	4.0	3.8	3.6	3.4	3.2	3.6
16	5.8	5.6	5.4	5.2	5.0	4.8	4.6	4.4	4.2	4.0	3.8	3.6	3.4	3.2	3.0	2.8	3.4
17	5.6	5.4	5.2	5.0	4.8	4.6	4.4	4.2	4.0	3.8	3.6	3.4	3.2	3.0	2.8	2.6	3.2
18	5.5	5.3	5.1	5.0	4.8	4.6	4.4	4.2	4.0	3.8	3.6	3.4	3.2	3.0	2.8	2.6	3.2
19	5.3	5.1	5.0	4.8	4.6	4.4	4.2	4.0	3.8	3.6	3.4	3.2	3.0	2.8	2.6	2.4	3.0
20	5.0	4.9	4.7	4.5	4.3	4.1	3.9	3.7	3.5	3.3	3.1	2.9	2.7	2.5	2.3	2.1	2.7
21	4.9	4.8	4.6	4.4	4.2	4.0	3.8	3.6	3.4	3.2	3.0	2.8	2.6	2.4	2.2	2.0	2.6
22	4.7	4.5	4.3	4.1	3.9	3.7	3.5	3.3	3.1	2.9	2.7	2.5	2.3	2.1	1.9	1.7	2.3
23	4.7	4.5	4.3	4.1	3.9	3.7	3.5	3.3	3.1	2.9	2.7	2.5	2.3	2.1	1.9	1.7	2.3
24	4.5	4.3	4.1	3.9	3.7	3.5	3.3	3.1	2.9	2.7	2.5	2.3	2.1	1.9	1.7	1.5	2.1
25	4.3	4.1	3.9	3.7	3.5	3.3	3.1	2.9	2.7	2.5	2.3	2.1	1.9	1.7	1.5	1.3	1.9
30	3.2	3.0	2.8	2.6	2.4	2.2	2.0	1.8	1.6	1.4	1.2	1.0	0.8	0.6	0.4	0.2	0.8
35	3.2	3.0	2.8	2.6	2.4	2.2	2.0	1.8	1.6	1.4	1.2	1.0	0.8	0.6	0.4	0.2	0.8
40	3.0	2.8	2.6	2.4	2.2	2.0	1.8	1.6	1.4	1.2	1.0	0.8	0.6	0.4	0.2	0.2	0.8
45	2.8	2.6	2.4	2.2	2.0	1.8	1.6	1.4	1.2	1.0	0.8	0.6	0.4	0.2	0.2	0.2	0.8
50	2.6	2.4	2.2	2.0	1.8	1.6	1.4	1.2	1.0	0.8	0.6	0.4	0.2	0.2	0.2	0.2	0.8
55	2.4	2.2	2.0	1.8	1.6	1.4	1.2	1.0	0.8	0.6	0.4	0.2	0.2	0.2	0.2	0.2	0.8
60	2.2	2.0	1.8	1.6	1.4	1.2	1.0	0.8	0.6	0.4	0.2	0.2	0.2	0.2	0.2	0.2	0.8
65	2.0	1.8	1.6	1.4	1.2	1.0	0.8	0.6	0.4	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.8

Notes: For correct usage of these tables refer to the Microdata Documentation

Approximate Variance Tables

Adult Training Survey February 1986 - Full Time Students

Nova Scotia

Numerator of Percentage (.000)	Nova Scotia										Estimated Percentage			
	0.1%	1.0%	2.0%	5.0%	10.0%	15.0%	20.0%	25.0%	30.0%	35.0%	40.0%	50.0%	70.0%	90.0%
1 *****	44.6	44.4	43.7	42.5	41.3	40.1	38.8	37.5	36.1	34.7	31.7	24.6	14.2	
2 *****	31.5	31.4	30.9	30.1	29.2	28.4	27.5	26.5	25.6	24.6	22.4	17.4	10.0	
3 *****	25.8	25.6	25.2	24.6	23.9	23.2	22.4	21.7	20.9	20.1	18.3	14.2	8.2	
4 *****	22.3	22.2	21.9	21.3	20.7	20.1	19.4	18.8	18.1	17.4	15.9	12.3	7.1	
5 *****	20.0	19.9	19.5	19.0	18.5	17.9	17.4	16.8	16.2	15.5	14.2	11.0	6.3	
6 *****	18.1	17.8	17.4	16.9	16.4	15.9	15.3	14.8	14.2	12.9	10.0	5.8		
7 *****	16.8	16.5	16.1	15.6	15.2	14.7	14.2	13.7	13.1	12.0	9.3	5.4		
8 *****	15.7	15.5	15.0	14.6	14.2	13.7	13.3	12.8	12.3	11.2	8.7	5.0		
9 *****	14.8	14.6	14.2	13.8	13.4	12.9	12.5	12.0	11.6	11.6	8.2	4.7		
10 *****	14.0	13.8	13.5	13.1	12.7	12.3	11.9	11.4	11.0	10.0	7.8	4.5		
11 *****	13.4	13.2	12.8	12.5	12.1	11.7	11.3	10.9	10.5	9.6	7.4	4.3		
12 *****	12.6	12.3	11.9	11.6	11.2	10.8	10.4	10.0	9.2	7.1	4.1			
13 *****	12.1	11.8	11.5	11.1	10.8	10.4	10.0	9.6	8.8	6.8	3.9			
14 *****	11.7	11.4	11.0	10.7	10.4	10.0	9.7	9.3	9.0	8.5	6.6	3.8		
15 *****	11.3	11.0	10.7	10.4	10.0	9.7	9.4	9.0	8.7	8.2	6.3	3.7		
16 *****	10.9	10.6	10.3	10.0	9.7	9.4	9.1	8.8	8.4	7.7	6.0	3.4		
17 *****	10.6	10.3	10.0	9.7	9.5	9.2	8.8	8.5	8.2	7.5	5.8	3.3		
18 *****	10.3	10.0	9.7	9.5	9.2	8.9	8.6	8.3	8.0	7.3	5.6	3.3		
19 *****	10.0	9.8	9.5	9.2	9.0	8.7	8.4	8.1	7.8	7.1	5.5	3.2		
20 *****	9.8	9.5	9.2	9.0	8.8	8.5	8.2	7.9	7.6	6.9	5.4	3.1		
21 *****	9.5	9.3	9.0	8.8	8.6	8.3	8.0	7.7	7.4	6.8	5.2	3.0		
22 *****	9.3	9.1	8.8	8.6	8.4	8.1	7.8	7.5	7.2	6.6	5.1	3.0		
23 *****	9.1	8.9	8.6	8.4	8.2	7.9	7.7	7.4	7.1	6.5	5.0	2.9		
24 *****	8.9	8.7	8.4	8.2	8.0	7.8	7.5	7.2	6.9	6.3	4.9	2.8		
25 *****	8.7	8.5	8.3	8.0	7.8	7.5	7.3	7.1	6.8	6.3	5.8	4.5	2.6	
30 *****	7.8	7.5	7.3	7.0	6.8	6.6	6.3	6.1	5.9	5.4	4.2	2.4		
35 *****	7.2	7.0	6.8	6.6	6.4	6.1	5.9	5.7	5.5	5.0	3.9	2.2		
40 *****	6.7	6.5	6.3	6.1	5.9	5.6	5.4	5.2	5.0	4.7	4.5	2.1		
45 *****	6.3	6.2	6.0	5.8	5.7	5.5	5.3	5.1	4.9	4.7	4.5	2.0		
50 *****	6.0	5.8	5.6	5.4	5.2	5.1	4.9	4.7	4.5	4.3	3.3	1.9		
55 *****	5.7	5.6	5.4	5.2	5.0	4.8	4.7	4.5	4.3	4.1	3.2	1.8		
60 *****	5.3	5.2	5.0	4.8	4.7	4.5	4.3	4.1	3.9	3.8	3.4	2.7	1.5	
65 *****	5.1	5.0	4.8	4.6	4.5	4.3	4.2	4.0	3.8	3.7	3.3	2.6		
70 *****	4.9	4.8	4.6	4.5	4.3	4.2	4.0	3.8	3.7	3.6	3.3	2.5	1.5	
75 *****	4.8	4.6	4.5	4.3	4.2	4.0	3.9	3.6	3.5	3.2	2.8	1.6		
80 *****	4.6	4.5	4.2	4.1	3.9	3.8	3.7	3.5	3.4	3.1	2.8	2.2	1.3	
85 *****	4.3	4.2	4.1	4.0	3.8	3.7	3.5	3.4	3.3	3.1	2.8	2.0	1.2	
90 *****	4.2	4.1	4.0	3.9	3.8	3.7	3.5	3.4	3.3	3.1	2.8	2.0	1.7	
95 *****	4.1	4.0	3.9	3.8	3.7	3.6	3.5	3.4	3.3	3.1	2.8	2.0	1.4	
100 *****	4.0	3.9	3.8	3.7	3.6	3.5	3.4	3.3	3.2	3.1	2.8	2.2	1.3	
105 *****	3.5	3.4	3.3	3.2	3.1	3.0	2.8	2.6	2.5	2.4	2.2	2.0	1.2	
110 *****	3.1	3.0	2.8	2.6	2.5	2.4	2.2	2.0	1.9	1.8	1.7	1.5		
115 *****	2.8	2.7	2.6	2.5	2.4	2.3	2.1	2.0	1.9	1.8	1.7	1.5		
120 *****	2.5	2.4	2.3	2.2	2.1	2.0	1.9	1.8	1.7	1.6	1.5	1.4		
125 *****	2.2	2.1	2.0	1.9	1.8	1.7	1.6	1.5	1.4	1.3	1.2	1.1		
130 *****	2.0	1.9	1.8	1.7	1.6	1.5	1.4	1.3	1.2	1.1	1.0	0.9		

Notes: For correct usage of these tables refer to the Microdata Documentation

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Approximate Variance Tables

Adult Training Survey February 1986 - Full Time Students

Nova Scotia

Numerator of Percentage (.000)	Estimated Percentage								
	0.1%	1.0%	2.0%	5.0%	10.0%	15.0%	20.0%	25.0%	30.0%
250	*****	*****	*****	*****	*****	*****	*****	*****	*****
300	*****	*****	*****	*****	*****	*****	*****	*****	*****
350	*****	*****	*****	*****	*****	*****	*****	*****	*****
400	*****	*****	*****	*****	*****	*****	*****	*****	*****
450	*****	*****	*****	*****	*****	*****	*****	*****	*****

Notes: For correct usage of these tables refer to the Microdata Documentation

Approximate Variance Tables  
Adult Training Survey February 1986 - Full Time Students

Numerator of Percentage ('000)	New Brunswick													
	0.1%	1.0%	2.0%	5.0%	10.0%	15.0%	20.0%	25.0%	30.0%	35.0%	40.0%	50.0%	70.0%	90.0%
1	****	34.2	34.0	33.5	32.6	31.7	30.7	29.7	28.7	27.7	26.6	24.3	18.8	10.9
2	****	24.2	24.0	23.7	23.0	22.4	21.7	21.0	20.3	19.6	18.8	17.2	13.3	7.7
3	****	19.7	19.6	19.3	18.8	18.3	17.7	17.2	16.6	16.0	15.4	14.0	10.9	6.3
4	****	17.1	17.0	16.7	16.3	15.8	15.4	14.9	14.4	13.8	13.3	12.1	9.4	5.4
5	****	15.2	15.0	14.6	14.2	13.7	13.3	12.9	12.4	11.9	10.9	8.4	4.9	
6	****	13.9	13.7	13.3	12.9	12.5	12.1	11.7	11.3	10.9	9.9	7.7	4.4	
7	****	12.9	12.7	12.3	12.0	11.6	11.2	10.9	10.5	10.1	9.2	7.1	4.1	
8	****	12.0	11.8	11.5	11.2	10.9	10.5	10.2	9.8	9.4	8.6	6.7	3.8	
9	****	11.2	10.9	10.6	10.2	9.9	9.6	9.2	8.9	8.1	6.3	5.6		
10	****	10.6	10.3	10.0	9.7	9.4	9.1	8.8	8.4	7.7	5.9	5.4		
11	****	10.1	9.8	9.5	9.3	9.0	8.7	8.3	8.0	7.3	5.7	5.3		
12	****	9.7	9.4	9.1	8.9	8.6	8.3	8.0	7.7	7.0	5.4	3.1		
13	****	9.3	9.0	8.8	8.5	8.2	8.0	7.7	7.4	6.7	5.2	3.0		
14	****	8.9	8.7	8.5	8.2	7.9	7.7	7.4	7.1	6.5	5.0	2.9		
15	****	8.6	8.4	8.2	7.9	7.7	7.4	7.1	6.9	6.3	4.9			
16	****	8.4	8.1	7.9	7.7	7.5	7.2	7.0	6.9	6.7	6.1	4.7	2.7	
17	****	8.1	7.9	7.7	7.5	7.2	7.0	6.7	6.5	5.9	4.6	2.6		
18	****	7.9	7.7	7.5	7.2	7.0	6.8	6.5	6.3	5.7	4.4	2.6		
19	****	7.7	7.5	7.3	7.0	6.8	6.6	6.4	6.1	5.6	4.3	2.5		
20	****	7.5	7.3	7.1	6.9	6.7	6.4	6.2	5.9	5.4	4.2	2.4		
21	****	7.3	7.1	6.9	6.7	6.5	6.3	6.0	5.8	5.3	4.1	2.4		
22	****	7.1	6.9	6.8	6.5	6.3	6.1	5.9	5.7	5.2	4.0	2.3		
23	****	7.0	6.8	6.6	6.4	6.2	6.0	5.8	5.5	5.1	3.9	2.3		
24	****	6.7	6.5	6.3	6.1	5.9	5.7	5.5	5.3	4.9	4.4	2.2		
25	****	6.5	6.3	6.1	5.9	5.7	5.5	5.3	5.1	4.9	4.4	3.4	2.0	
30	****	5.9	5.8	5.6	5.4	5.2	5.0	4.9	4.7	4.5	4.1	3.2	1.8	
35	****	5.5	5.4	5.2	5.0	4.9	4.7	4.5	4.4	4.2	3.8	3.0	1.7	
40	****	5.2	5.0	4.9	4.7	4.5	4.3	4.1	4.0	3.6	3.2	2.8	1.6	
45	****	4.7	4.6	4.4	4.3	4.1	3.9	3.8	3.6	3.3	3.0	2.5	1.5	
50	****	4.5	4.3	4.2	4.0	3.9	3.7	3.6	3.4	3.1	2.8	2.2	1.3	
55	****	4.3	4.1	4.0	3.9	3.7	3.6	3.4	3.1	3.0	2.7	2.1	1.2	
60	****	4.1	4.0	3.8	3.7	3.6	3.4	3.2	3.1	3.0	2.6	2.0	1.2	
65	****	3.9	3.8	3.7	3.6	3.4	3.3	3.2	3.1	3.0	2.9	2.6	2.0	
70	****	3.7	3.6	3.5	3.4	3.3	3.2	3.1	3.0	2.9	2.8	2.5	1.9	
75	****	3.5	3.4	3.3	3.2	3.1	3.0	2.9	2.8	2.7	2.4	1.9	1.1	
80	****	3.4	3.3	3.2	3.1	3.0	2.9	2.8	2.7	2.6	2.4	2.2	1.7	
85	****	3.3	3.2	3.1	3.0	2.9	2.8	2.7	2.6	2.5	2.4	2.2	1.5	
90	****	3.1	3.0	2.9	2.8	2.7	2.6	2.5	2.4	2.3	2.2	2.0	1.1	
95	****	3.1	2.9	2.8	2.7	2.6	2.5	2.4	2.3	2.2	2.1	2.0	1.1	
100	****	3.0	2.9	2.8	2.7	2.6	2.5	2.4	2.3	2.2	2.1	2.0	1.1	
125	****	2.6	2.5	2.4	2.3	2.2	2.1	2.0	1.9	1.8	1.7	1.6	0.9	0.8
150	****	2.3	2.2	2.1	2.0	1.9	1.8	1.7	1.6	1.5	1.4	1.3	1.2	0.8
200	****	2.0	1.9	1.8	1.7	1.6	1.5	1.4	1.3	1.2	1.1	1.0	0.9	0.8

Notes: For correct usage of these tables refer to the Microdata Documentation

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**Approximate Variance Tables**

**Adult Training Survey February 1986 - Full Time Students**

Numerator of Percentage (1000)	Estimated Percentage								
	0.1%	1.0%	2.0%	5.0%	10.0%	15.0%	20.0%	25.0%	30.0%
250	*****	*****	*****	*****	*****	*****	*****	*****	*****
300	*****	*****	*****	*****	*****	*****	*****	*****	*****
350	*****	*****	*****	*****	*****	*****	*****	*****	*****
400	*****	*****	*****	*****	*****	*****	*****	*****	*****

**Notes:** For correct usage of these tables refer to the Microdata Documentation

Approximate Variance Tables  
Adult Training Survey February 1986 - Full Time Students

Quebec

Numerator of Percentage ('000)	Estimated Percentage									90.0%
	0.1%	1.0%	2.0%	5.0%	10.0%	15.0%	20.0%	25.0%	30.0%	
1	86.5	86.1	85.6	84.3	82.1	79.8	77.4	74.9	72.4	69.7
2	61.1	60.9	60.6	59.6	58.0	56.4	54.7	53.0	51.2	49.3
3	49.9	49.7	49.4	48.7	47.4	46.0	44.7	43.3	41.8	40.3
4	43.2	43.0	42.8	42.2	41.0	39.9	38.7	37.5	36.2	34.9
5	38.5	38.3	37.7	36.7	35.7	34.6	33.5	32.4	31.2	30.0
6	35.1	35.0	34.4	33.5	32.6	31.6	30.6	29.5	28.5	27.4
7	32.5	32.4	31.9	31.0	30.1	29.2	28.3	27.4	26.4	25.3
8	30.4	30.3	29.8	29.0	28.2	27.4	26.5	25.6	24.7	23.7
9	28.7	28.5	28.1	27.4	26.6	25.8	25.0	24.1	23.2	22.3
10	27.2	27.1	26.7	26.0	25.2	24.5	23.7	22.9	22.1	21.2
11	26.0	25.8	25.4	24.7	24.0	23.3	22.6	21.8	21.0	20.2
12	24.8	24.7	24.3	23.7	23.0	22.3	21.6	20.9	20.1	19.3
13	23.9	23.8	23.4	22.8	22.1	21.5	20.8	20.0	19.3	18.6
14	22.9	22.5	22.1	21.9	21.3	20.7	20.0	19.3	18.6	17.9
15	22.2	22.1	21.8	21.6	21.1	20.5	19.9	19.3	18.7	18.0
16	21.5	21.4	21.1	20.9	20.4	19.9	19.3	18.8	18.2	17.6
17	20.9	20.8	20.4	19.9	19.5	19.3	18.8	18.2	17.6	17.0
18	20.3	20.2	19.9	19.5	19.3	18.8	18.2	17.7	17.1	16.4
19	19.7	19.6	19.3	18.8	18.3	17.8	17.3	16.8	16.2	15.6
20	19.2	19.1	18.9	18.4	17.8	17.3	16.8	16.3	15.8	15.2
21	18.8	18.7	18.4	17.9	17.4	16.9	16.3	15.8	15.3	14.8
22	18.4	18.3	18.0	17.5	17.0	16.5	16.0	15.4	14.9	14.3
23	17.9	17.9	17.6	17.1	16.6	16.1	15.6	15.1	14.5	14.0
24	17.6	17.5	17.2	16.8	16.3	15.8	15.3	14.8	14.2	13.7
25	17.2	17.1	16.9	16.4	16.0	15.5	15.0	14.5	13.9	13.4
30	15.7	15.6	15.4	15.0	14.6	14.1	13.7	13.2	12.7	12.2
35	14.5	14.5	14.3	13.9	13.5	13.1	12.7	12.2	11.8	11.3
40	13.6	13.5	13.3	13.0	12.6	12.2	11.8	11.4	11.0	10.6
45	12.8	12.6	12.2	11.9	11.5	11.2	10.8	10.4	10.0	9.6
50	12.1	11.9	11.6	11.3	10.9	10.6	10.2	9.9	9.5	9.1
55	11.5	11.4	11.1	10.8	10.4	10.1	9.8	9.4	9.0	8.7
60	11.1	10.9	10.6	10.3	10.0	9.7	9.3	9.0	8.7	8.4
65	10.6	10.5	10.2	9.9	9.6	9.3	9.0	8.7	8.3	7.9
70	10.2	10.1	9.8	9.5	9.2	9.0	8.7	8.4	8.1	7.7
75	9.9	9.7	9.5	9.2	8.9	8.7	8.4	8.1	7.8	7.5
80	9.6	9.4	9.2	8.9	8.7	8.4	8.1	7.8	7.5	7.2
85	9.3	9.1	8.9	8.7	8.4	8.1	7.9	7.6	7.3	6.6
90	8.9	8.7	8.4	8.2	8.0	7.9	7.6	7.4	7.1	6.4
95	8.7	8.4	8.2	8.0	7.7	7.4	7.2	6.9	6.3	5.9
100	8.4	8.2	8.0	7.7	7.5	7.2	7.0	6.7	6.1	4.7
125	7.5	7.3	7.1	6.9	6.7	6.5	6.2	6.0	5.5	4.2
150	6.9	6.7	6.5	6.3	6.1	5.9	5.7	5.5	5.0	3.9
200	6.0	5.8	5.6	5.5	5.3	5.1	4.9	4.7	4.3	3.4

Notes: For correct usage of these tables refer to the Microdata Documentation

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Approximate Variance Tables

Adult Training Survey February 1986 - Full Time Students

Numerator of Percentage (.000)	Estimated Percentage									50.0%	70.0%	90.0%
	0.1%	1.0%	2.0%	5.0%	10.0%	15.0%	20.0%	25.0%	30.0%			
250	*****	5.2	5.0	4.9	4.7	4.6	4.4	4.2	3.9	3.0	1.7	
300	*****	4.7	4.6	4.5	4.3	4.2	4.0	3.9	3.5	2.7	1.6	
350	*****	4.4	4.3	4.1	4.0	3.9	3.7	3.6	3.3	2.5	1.5	
400	*****	4.1	4.0	3.9	3.7	3.6	3.5	3.4	3.1	2.4	1.4	
450	*****	3.8	3.6	3.5	3.4	3.3	3.2	3.1	2.9	2.2	1.3	
500	*****	3.6	3.5	3.4	3.2	3.1	3.0	2.7	2.1	1.2	1.0	
750	*****	2.8	2.7	2.6	2.5	2.4	2.2	2.1	1.9	1.5	0.9	
1000	*****	2.4	2.3	2.2	2.1	1.9	1.6	1.2	0.7			
1500	*****	1.8	1.7	1.7	1.7	1.6	1.5	1.4	1.1	0.6		
2000	*****									0.9	0.5	
3000	*****											

Notes: For correct usage of these tables refer to the Microdata Documentation

Approximate Variance Tables

Adult Training Survey February 1986 - Full Time Students

Ontario

Numerator of Percentage (.000)	Estimated Percentage										90.0%
	0.1%	1.0%	2.0%	5.0%	10.0%	15.0%	20.0%	25.0%	30.0%	35.0%	
1	78.4	78.0	77.6	76.4	74.4	72.3	70.2	67.9	65.6	63.2	60.8
2	55.4	55.2	54.9	54.1	52.6	51.1	49.6	48.0	46.4	44.7	43.0
3	45.3	45.1	44.8	44.0	43.0	41.7	40.5	39.2	37.9	36.5	35.1
4	39.2	39.0	38.8	38.2	37.2	36.2	35.1	34.0	32.8	31.6	30.4
5	35.1	34.9	34.7	34.2	33.3	32.3	31.4	30.4	29.3	28.3	27.7
6	***	31.9	31.7	31.2	30.4	29.5	28.6	27.7	26.8	25.8	24.8
7	***	29.5	29.3	28.9	28.1	27.3	26.5	25.7	24.8	23.9	23.0
8	***	27.6	27.5	27.0	26.3	25.6	24.8	24.0	23.2	22.4	21.5
9	***	26.0	25.9	25.5	24.8	24.1	23.4	22.6	21.9	21.1	20.3
10	***	24.7	24.6	24.2	23.5	22.9	22.2	21.5	20.8	20.0	19.2
11	***	23.5	23.4	23.0	22.4	21.8	21.2	20.5	19.8	19.1	18.3
12	***	22.5	22.4	22.1	21.5	20.9	20.3	19.6	18.9	18.3	17.5
13	***	21.6	21.5	21.2	20.6	20.1	19.5	18.8	18.2	17.5	16.8
14	***	20.9	20.8	20.4	19.9	19.3	18.7	18.2	17.5	16.9	16.2
15	***	20.1	19.9	19.7	19.2	18.7	18.1	17.5	16.9	16.3	15.7
16	***	19.5	19.4	19.1	18.6	18.1	17.5	17.0	16.4	15.8	15.2
17	***	18.9	18.8	18.5	18.0	17.5	17.0	16.5	15.9	15.3	14.7
18	***	18.4	18.3	18.0	17.5	17.0	16.5	16.0	15.5	14.9	14.3
19	***	17.9	17.8	17.5	17.1	16.6	16.1	15.6	15.1	14.5	13.9
20	***	17.5	17.4	17.1	16.6	16.2	15.7	15.2	14.7	14.1	13.6
21	***	17.0	16.9	16.7	16.2	15.8	15.3	14.8	14.3	13.8	13.3
22	***	16.6	16.6	16.3	15.9	15.4	15.0	14.5	14.0	13.5	13.0
23	***	16.3	16.2	15.9	15.5	15.1	14.6	14.2	13.7	13.2	12.7
24	***	15.9	15.8	15.6	15.2	14.8	14.3	13.9	13.4	12.9	12.4
25	***	15.6	15.5	15.3	14.9	14.5	14.0	13.6	13.1	12.6	12.1
30	***	14.2	14.2	14.0	13.6	13.2	12.8	12.4	12.0	11.5	11.1
35	***	13.2	13.1	12.9	12.6	12.2	11.9	11.5	11.1	10.7	10.3
40	***	12.3	12.3	12.1	11.8	11.4	11.1	10.7	10.4	10.0	9.6
45	***	11.6	11.6	11.4	11.1	10.8	10.5	10.1	9.8	9.4	9.1
50	***	11.0	11.0	10.8	10.5	10.2	9.9	9.6	9.3	8.9	8.6
55	***	10.5	10.5	10.3	10.0	9.8	9.5	9.2	8.8	8.5	8.2
60	***	10.0	9.9	9.6	9.3	9.1	8.8	8.5	8.2	7.8	7.5
65	***	9.6	9.5	9.2	9.0	8.7	8.4	8.1	7.8	7.5	7.2
70	***	9.3	9.1	8.9	8.6	8.4	8.1	7.8	7.6	7.3	7.0
75	***	9.0	8.8	8.6	8.3	8.1	7.8	7.6	7.3	7.1	6.8
80	***	8.7	8.5	8.3	8.1	7.8	7.6	7.3	7.1	6.8	6.5
85	***	8.4	8.3	8.1	7.8	7.6	7.4	7.1	6.9	6.6	6.3
90	***	8.2	8.1	7.8	7.6	7.4	7.2	7.0	6.7	6.4	6.1
95	***	8.0	7.8	7.6	7.4	7.2	7.0	6.8	6.5	6.2	5.9
100	***	7.8	7.6	7.4	7.2	7.0	6.8	6.6	6.3	6.1	5.8
125	***	6.8	6.7	6.5	6.3	6.1	5.9	5.7	5.5	5.2	4.9
150	***	6.2	6.1	5.9	5.7	5.5	5.4	5.2	5.0	4.8	4.5
200	***	5.4	5.3	5.1	5.0	4.8	4.6	4.5	4.3	4.0	3.9

Notes: For correct usage of these tables refer to the Microdata Documentation

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Approximate Variance Tables

Adult Training Survey February 1986 - Full Time Students

Ontario

Numerator of Percentage (.000)	Estimated Percentage								
	0.1%	1.0%	2.0%	5.0%	10.0%	15.0%	20.0%	25.0%	30.0%
250	*****	4.8	4.7	4.6	4.4	4.3	4.2	4.0	3.8
300	*****	4.3	4.2	4.1	3.9	3.8	3.7	3.5	3.2
350	*****	4.0	3.9	3.7	3.6	3.5	3.4	3.2	3.0
400	*****	3.7	3.6	3.5	3.4	3.3	3.2	3.0	2.8
450	*****	3.5	3.4	3.3	3.2	3.1	3.0	2.9	2.6
500	*****	3.3	3.2	3.1	3.0	2.9	2.8	2.7	2.5
750	*****	2.6	2.6	2.5	2.5	2.4	2.3	2.2	2.0
1000	*****	2.2	2.1	2.1	2.1	2.1	2.0	1.9	1.8
1500	*****	1.7	1.7	1.6	1.6	1.6	1.4	1.2	1.0
2000	*****	1.4	1.4	1.4	1.4	1.4	1.4	1.2	1.0
3000	*****	1.2	1.2	1.2	1.2	1.2	1.2	1.0	0.8
4000	*****	1.1	1.1	1.1	1.1	1.1	1.1	1.0	0.8
5000	*****	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8

Notes: For correct usage of these tables refer to the Microdata Documentation

Approximate Variance Tables  
Adult Training Survey February 1986 - Full Time Students

Numerator of Percentage (.0001)	Manitoba									
	0.1%	1.0%	2.0%	5.0%	10.0%	15.0%	20.0%	25.0%	30.0%	35.0%
1 ****	49.3	49.1	48.3	47.0	45.7	44.4	42.9	41.5	40.0	38.4
2 ****	34.9	34.7	34.2	33.3	32.3	31.4	30.4	29.3	28.3	27.2
3 ****	28.5	28.3	27.9	27.2	26.4	25.6	24.8	24.0	23.1	22.2
4 ****	24.7	24.5	24.2	23.5	22.9	22.2	21.5	20.7	20.0	19.2
5 ****	22.1	22.0	21.6	21.0	20.4	19.8	19.2	18.6	17.9	17.2
6 ****	20.1	20.0	19.7	19.2	18.7	18.1	17.5	16.9	16.3	15.7
7 ****	18.6	18.5	18.3	17.8	17.3	16.8	16.2	15.7	15.1	14.5
8 ****	17.4	17.1	16.6	16.2	15.7	15.2	14.7	14.1	13.6	12.4
9 ****	16.4	16.1	15.7	15.2	14.8	14.3	13.8	13.3	12.8	11.7
10 ****	15.5	15.3	14.9	14.5	14.0	13.6	13.1	12.6	12.1	11.1
11 ****	14.8	14.6	14.2	13.8	13.4	12.9	12.5	12.0	11.6	10.6
12 ****	14.2	14.0	13.6	13.2	12.8	12.4	12.0	11.5	11.1	10.1
13 ****	13.6	13.4	13.0	12.7	12.3	11.9	11.5	11.1	10.7	9.7
14 ****	12.9	12.6	12.2	11.9	11.5	11.1	10.7	10.3	10.3	9.4
15 ****	12.5	12.1	11.8	11.5	11.1	10.7	10.4	10.0	9.6	9.1
16 ****	12.1	11.8	11.4	11.1	10.7	10.4	10.1	9.7	9.3	8.5
17 ****	11.7	11.4	11.1	10.8	10.5	10.1	9.8	9.4	9.1	8.3
18 ****	11.4	11.1	10.8	10.5	10.2	9.9	9.5	9.2	8.8	8.0
19 ****	11.1	10.8	10.5	10.2	9.9	9.6	9.3	8.9	8.6	8.0
20 ****	10.8	10.5	10.2	9.9	9.6	9.4	9.1	8.7	8.4	7.7
21 ****	10.5	10.3	10.0	9.7	9.4	9.1	8.8	8.5	8.2	7.5
22 ****	10.3	10.0	9.7	9.5	9.2	8.8	8.5	8.2	7.9	7.3
23 ****	10.1	9.8	9.5	9.2	9.0	8.7	8.4	8.1	7.8	7.2
24 ****	9.9	9.6	9.3	9.1	8.9	8.6	8.3	8.0	7.7	7.0
25 ****	9.7	9.4	9.1	8.9	8.6	8.4	8.1	7.8	7.5	7.0
30 ****	8.6	8.3	8.1	7.8	7.6	7.3	7.0	6.8	6.5	6.2
35 ****	8.0	7.7	7.5	7.3	7.0	6.8	6.6	6.3	6.1	5.7
40 ****	7.4	7.2	7.0	6.8	6.6	6.4	6.2	6.0	5.7	5.5
45 ****	7.0	6.8	6.6	6.4	6.2	6.0	5.7	5.5	5.4	5.0
50 ****	6.7	6.5	6.3	6.0	5.8	5.6	5.4	5.2	5.0	4.7
55 ****	6.3	6.2	6.0	5.7	5.5	5.4	5.2	5.0	4.8	4.5
60 ****	6.1	5.9	5.7	5.5	5.3	5.1	5.0	4.8	4.6	4.3
65 ****	5.7	5.5	5.3	5.1	5.0	4.8	4.6	4.5	4.3	4.0
70 ****	5.5	5.3	5.1	5.0	4.9	4.7	4.5	4.4	4.2	4.0
75 ****	5.3	5.1	5.0	4.9	4.8	4.6	4.5	4.4	4.2	4.0
80 ****	5.1	5.0	4.8	4.6	4.5	4.4	4.3	4.2	4.1	3.9
85 ****	5.0	4.8	4.7	4.5	4.4	4.3	4.2	4.1	4.0	3.8
90 ****	4.8	4.7	4.6	4.5	4.4	4.3	4.2	4.1	4.0	3.7
95 ****	4.7	4.6	4.5	4.4	4.3	4.2	4.1	4.0	3.9	3.6
100 ****	4.4	4.3	4.1	4.0	3.8	3.7	3.6	3.5	3.4	3.1
125 ****	4.0	3.9	3.8	3.7	3.6	3.5	3.4	3.3	3.2	2.9
150 ****	3.5	3.4	3.3	3.2	3.1	3.0	2.9	2.8	2.7	2.5
200 ****	2.8	2.7	2.6	2.5	2.4	2.3	2.2	2.1	2.0	1.9

Notes: For correct usage of these tables refer to the Microdata Documentation

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**Approximate Variance Tables**

**Adult Training Survey February 1986 - Full Time Students**

**Manitoba**

Numerator of Percentage ('000)	Estimated Percentage								
	0.1%	1.0%	2.0%	5.0%	10.0%	15.0%	20.0%	25.0%	30.0%
250	*****	*****	*****	*****	*****	*****	*****	*****	*****
300	*****	*****	*****	*****	*****	*****	*****	*****	*****
350	*****	*****	*****	*****	*****	*****	*****	*****	*****
400	*****	*****	*****	*****	*****	*****	*****	*****	*****
450	*****	*****	*****	*****	*****	*****	*****	*****	*****
500	*****	*****	*****	*****	*****	*****	*****	*****	*****

**Notes:** For correct usage of these tables refer to the Microdata Documentation

Approximate Variance Tables

Adult Training Survey February 1986 - Full Time Students

Saskatchewan

Numerator of Percentage (.000)	Estimated Percentage									90.0%	
	0.0%	1.0%	2.0%	5.0%	10.0%	15.0%	20.0%	25.0%	30.0%		
1	*****	51.3	51.1	50.3	48.9	47.6	46.1	44.7	43.2	41.6	40.0
2	*****	36.3	36.1	35.5	34.6	33.6	32.6	31.6	30.5	29.4	28.3
3	*****	29.6	29.5	29.0	28.3	27.5	26.6	25.8	24.9	24.0	23.1
4	*****	25.7	25.5	25.1	24.5	23.8	23.1	22.3	21.6	20.8	20.0
5	*****	23.0	22.8	22.5	21.9	21.3	20.6	20.0	19.3	18.6	17.9
6	*****	21.0	20.8	20.5	20.0	19.4	18.8	18.2	17.6	17.0	16.3
7	*****	19.3	19.0	18.5	18.0	17.5	17.0	16.5	16.0	15.5	14.9
8	*****	18.1	17.8	17.3	16.8	16.3	15.8	15.3	14.7	14.1	12.9
9	*****	17.0	16.8	16.3	15.9	15.4	14.9	14.4	13.9	13.3	12.2
10	*****	16.1	15.9	15.5	15.0	14.6	14.1	13.6	13.2	12.6	11.5
11	*****	15.4	15.2	14.8	14.3	13.9	13.5	13.0	12.5	12.0	11.0
12	*****	14.7	14.5	14.1	13.7	13.3	12.9	12.5	12.0	11.5	10.5
13	*****	13.9	13.6	13.2	12.8	12.4	12.0	11.5	11.1	10.1	7.8
14	*****	13.4	13.1	12.7	12.3	11.9	11.5	11.1	10.7	10.7	9.7
15	*****	13.0	12.6	12.3	11.9	11.5	11.1	10.7	10.3	9.4	7.3
16	*****	12.6	12.2	11.9	11.5	11.2	10.8	10.4	10.0	9.1	4.1
17	*****	12.2	11.9	11.5	11.2	10.8	10.5	10.1	9.7	8.8	6.9
18	*****	11.8	11.5	11.2	10.9	10.5	10.2	9.8	9.4	8.6	6.7
19	*****	11.5	11.2	10.9	10.6	10.2	9.9	9.5	9.2	8.4	6.5
20	*****	11.2	10.9	10.6	10.3	10.0	9.6	9.3	8.9	8.2	6.3
21	*****	11.0	10.7	10.4	10.1	9.7	9.4	9.1	8.7	8.0	6.2
22	*****	10.7	10.4	10.1	9.8	9.5	9.2	8.9	8.5	7.8	6.0
23	*****	10.5	10.2	9.9	9.6	9.3	9.0	8.7	8.3	7.6	5.9
24	*****	10.3	10.0	9.7	9.4	9.1	8.8	8.5	8.2	7.4	5.8
25	*****	10.1	9.8	9.5	9.2	8.9	8.6	8.3	8.0	7.3	5.7
30	*****	9.2	8.9	8.7	8.4	8.2	7.9	7.6	7.3	6.7	5.2
35	*****	8.3	8.0	7.8	7.6	7.3	7.0	6.8	6.2	4.8	2.8
40	*****	7.7	7.5	7.3	7.1	6.9	6.7	6.4	6.2	6.0	5.4
45	*****	7.3	7.1	6.9	6.7	6.5	6.3	6.1	5.9	5.7	5.2
50	*****	6.9	6.7	6.5	6.4	6.2	6.0	5.8	5.6	5.4	4.9
55	*****	6.6	6.4	6.2	6.0	5.8	5.6	5.4	5.2	4.8	4.2
60	*****	6.3	6.1	6.0	5.8	5.6	5.4	5.2	4.8	4.6	4.1
65	*****	5.9	5.7	5.5	5.4	5.2	5.0	4.8	4.6	4.4	4.2
70	*****	5.7	5.5	5.3	5.2	5.0	4.8	4.6	4.4	4.1	3.7
75	*****	5.5	5.3	5.2	5.0	4.8	4.6	4.4	4.2	3.3	1.9
80	*****	5.3	5.2	5.0	4.8	4.6	4.4	4.2	4.0	3.2	1.8
85	*****	5.2	5.0	4.8	4.7	4.5	4.3	4.0	3.1	1.8	
90	*****	5.0	4.9	4.7	4.5	4.4	4.2	3.8	3.0	1.7	
95	*****	4.7	4.6	4.4	4.3	4.1	3.7	2.9	1.7		
100	*****	4.6	4.5	4.3	4.2	4.0	3.6	2.8	2.0		
125	*****	3.6	3.5	3.4	3.3	3.2	3.1	2.5	2.3		
150	*****	3.6	3.5	3.4	3.3	3.2	3.0	2.8	2.6		
200	*****	3.6	3.5	3.4	3.3	3.2	3.0	2.8	2.6		

Notes: For correct usage of these tables refer to the Microdata Documentation

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Approximate Variance Tables

Adult Training Survey February 1986 - Full Time Students

Saskatchewan

Numerator of Percentage (.0001)	Estimated Percentage							50.0%	70.0%	90.0%
	0.1%	1.0%	2.0%	5.0%	10.0%	15.0%	20.0%			
250	*****	*****	*****	*****	*****	*****	*****	2.3	1.8	1.0
300	*****	*****	*****	*****	*****	*****	*****	2.1	1.6	0.9
350	*****	*****	*****	*****	*****	*****	*****	*****	1.5	0.9
400	*****	*****	*****	*****	*****	*****	*****	*****	1.4	0.8
450	*****	*****	*****	*****	*****	*****	*****	*****	0.8	0.7
500	*****	*****	*****	*****	*****	*****	*****	*****	0.7	0.7

Notes: For correct usage of these tables refer to the Microdata Documentation

**Approximate Variance Tables**  
**Adult Training Survey February 1986 - Full Time Students**

**Alberta**

Numerator of Percentage (.000)	Estimated Percentage										50.0%	40.0%	30.0%	25.0%	20.0%	15.0%	10.0%	5.0%	0.1%												
	1	2	3	4	5	6	7	8	9	10																					
1	54.4	54.1	53.9	53.0	51.6	50.2	48.7	47.1	45.5	43.9	42.1	38.5	29.8	21.1	12.2	17.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2		
2	***	58.3	58.1	57.5	56.5	55.5	54.4	53.3	52.2	51.0	29.8	27.2	24.3	22.2	17.2	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	
3	***	31.3	31.1	30.6	29.8	29.0	28.1	27.2	26.3	25.3	23.6	22.8	21.9	21.1	19.2	14.9	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6
4	***	27.1	26.9	26.5	25.8	25.1	24.3	23.6	22.8	21.9	21.1	20.4	19.6	18.8	17.2	13.3	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
5	***	24.2	24.1	23.7	23.1	22.4	21.8	21.1	20.4	19.6	19.2	18.6	17.9	17.2	15.7	12.2	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
6	***	22.1	22.0	21.6	21.1	20.5	19.9	19.2	18.6	17.8	17.2	16.6	15.9	14.5	11.3	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	
7	***	20.5	20.4	20.0	19.5	19.0	18.4	17.8	17.2	16.7	16.1	15.5	14.9	13.6	10.5	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	
8	***	19.1	19.0	18.7	18.2	17.7	17.2	16.7	16.2	15.7	15.2	14.6	14.0	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8			
9	***	18.0	18.0	17.7	17.2	16.7	16.2	15.7	15.2	14.6	13.9	13.3	12.2	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4		
10	***	17.1	17.0	16.8	16.3	15.9	15.4	14.9	14.4	13.9	13.3	12.7	11.6	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0		
11	***	16.3	16.2	16.0	15.6	15.1	14.7	14.2	13.7	13.2	12.7	12.2	11.1	11.1	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	
12	***	15.6	15.5	15.3	14.9	14.5	14.0	13.6	13.1	12.6	12.2	11.7	10.7	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3		
13	***	15.0	14.9	14.7	14.3	13.9	13.5	13.1	12.6	12.2	11.7	11.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3			
14	***	14.5	14.4	14.2	13.8	13.4	13.0	12.6	12.2	11.8	11.3	10.9	10.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9		
15	***	14.0	13.9	13.7	13.3	12.9	12.5	12.2	11.8	11.4	11.0	10.6	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3			
16	***	13.5	13.3	12.9	12.5	12.2	11.8	11.4	11.0	10.6	10.2	10.0	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7			
17	***	13.1	12.9	12.5	12.2	11.8	11.5	11.1	10.7	10.3	10.0	9.7	9.4	9.0	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7		
18	***	12.7	12.5	12.2	11.8	11.5	11.2	10.8	10.4	10.1	9.8	9.5	9.1	8.8	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5		
19	***	12.4	12.2	11.9	11.5	11.2	10.9	10.5	10.2	9.8	9.5	9.2	8.9	8.6	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	
20	***	12.0	11.9	11.6	11.3	11.0	10.7	10.4	10.0	9.7	9.4	9.1	8.8	8.5	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	
21	***	11.8	11.6	11.3	11.0	10.7	10.4	10.0	9.7	9.4	9.1	8.8	8.5	8.2	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	
22	***	11.5	11.3	11.0	10.8	10.5	10.2	9.9	9.6	9.3	9.0	8.7	8.4	8.1	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	
23	***	11.2	11.1	10.8	10.5	10.2	9.9	9.6	9.3	9.0	8.7	8.4	8.1	7.8	7.5	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	
24	***	11.0	10.8	10.6	10.3	10.0	9.7	9.4	9.1	8.8	8.5	8.2	7.9	7.6	7.3	7.0	6.8	6.5	6.2	6.0	5.7	5.4	5.1	4.8	4.5	4.2	4.0	3.8	3.6	3.5	
25	***	10.8	10.6	10.4	10.1	9.8	9.5	9.2	8.9	8.6	8.3	8.0	7.7	7.4	7.1	6.8	6.5	6.2	6.0	5.8	5.5	5.2	4.9	4.6	4.3	4.0	3.8	3.6	3.5	3.4	
30	***	9.8	9.7	9.4	9.2	8.9	8.6	8.3	8.0	7.7	7.4	7.1	6.8	6.5	6.2	6.0	5.7	5.4	5.1	4.9	4.7	4.5	4.3	4.1	3.9	3.7	3.5	3.4	3.3		
35	***	9.0	8.7	8.5	8.2	7.9	7.7	7.4	7.1	6.8	6.5	6.2	6.0	5.8	5.6	5.4	5.2	5.0	4.8	4.6	4.4	4.2	4.0	3.8	3.7	3.6	3.5	3.4	3.3	3.2	
40	***	8.4	8.2	8.0	7.7	7.5	7.3	7.1	6.9	6.7	6.4	6.2	6.0	5.8	5.6	5.4	5.2	5.0	4.8	4.6	4.4	4.2	4.0	3.8	3.7	3.6	3.5	3.4	3.3	3.2	
45	***	7.9	7.7	7.5	7.3	7.1	6.9	6.7	6.5	6.3	6.1	5.9	5.7	5.5	5.3	5.1	4.9	4.7	4.5	4.3	4.1	3.9	3.7	3.5	3.4	3.3	3.2	3.1	3.0	2.9	
50	***	7.5	7.3	7.1	7.0	6.8	6.6	6.4	6.2	6.0	5.8	5.6	5.4	5.3	5.1	4.9	4.7	4.5	4.3	4.1	3.9	3.7	3.5	3.4	3.3	3.2	3.1	3.0	2.9	2.8	
55	***	7.1	7.0	6.8	6.7	6.5	6.3	6.1	5.9	5.7	5.5	5.3	5.1	4.9	4.7	4.5	4.3	4.1	3.9	3.7	3.5	3.4	3.3	3.2	3.1	3.0	2.9	2.8	2.7		
60	***	6.8	6.7	6.5	6.4	6.2	6.0	5.8	5.6	5.4	5.3	5.1	4.9	4.8	4.6	4.5	4.4	4.3	4.2	4.1	4.0	3.9	3.8	3.7	3.6	3.5	3.4	3.3	3.2	3.1	
65	***	6.6	6.4	6.2	6.0	5.8	5.6	5.4	5.3	5.1	5.0	4.8	4.7	4.5	4.4	4.3	4.2	4.1	4.0	3.9	3.8	3.7	3.6	3.5	3.4	3.3	3.2	3.1	3.0		
70	***	6.3	6.2	6.0	5.8	5.6	5.4	5.3	5.1	5.0	4.9	4.7	4.6	4.5	4.4	4.3	4.2	4.1	4.0	3.9	3.8	3.7	3.6	3.5	3.4	3.3	3.2	3.1	3.0		
75	***	6.1	6.0	5.8	5.6	5.4	5.3	5.1	5.0	4.9	4.8	4.7	4.6	4.5	4.4	4.3	4.2	4.1	4.0	3.9	3.8	3.7	3.6	3.5	3.4	3.3	3.2	3.1	3.0		
80	***	5.8	5.6	5.4	5.3	5.1	4.9	4.8	4.7	4.6	4.5	4.4	4.3	4.2	4.1	4.0	3.9	3.8	3.7	3.6	3.5	3.4	3.3	3.2	3.1	3.0	2.9	2.8	2.7		
85	***	5.6	5.4	5.3	5.1	5.0	4.9	4.8	4.7	4.6	4.5	4.4	4.3	4.2	4.1	4.0	3.9	3.8	3.7	3.6	3.5	3.4	3.3	3.2	3.1	3.0	2.9	2.8	2.7		
90	***	5.3	5.1	5.0	4.9	4.8	4.7	4.6	4.5	4.4	4.3	4.2	4.1	4.0	3.9	3.8	3.7	3.6	3.5	3.4	3.3	3.2	3.1	3.0	2.9	2.8	2.7	2.6	2.5		
95	***	5.2	5.0	4.9	4.8	4.7	4.6	4.5	4.4	4.3	4.2	4.1	4.0	3.9	3.8	3.7	3.6	3.5	3.4	3.3	3.2	3.1	3.0	2.9	2.8	2.7	2.6	2.5	2.4		
100	***	5.1	4.9	4.8	4.7	4.6	4.5	4.4	4.3	4.2	4.1	4.0	3.9	3.8	3.7	3.6	3.5	3.4	3.3	3.2	3.1	3.0	2.9	2.8	2.7	2.6	2.5	2.4	2.3		
105	***	4.9	4.7	4.6	4.5	4.4	4.3	4.2</td																							

**Approximate Variance Tables**

**Adult Training Survey February 1986 - Full Time Students**

**Alberta**

Numerator of Percentage ('000)	Estimated Percentage									50.0%	70.0%	90.0%
	0.1%	1.0%	2.0%	5.0%	10.0%	15.0%	20.0%	25.0%	30.0%			
250	*****	3.1	3.0	2.9	2.8	2.7	2.7	2.6	2.5	2.4	1.9	1.1
300	*****	2.8	2.7	2.6	2.5	2.4	2.4	2.3	2.3	2.2	1.7	1.0
350	*****	2.5	2.4	2.3	2.3	2.2	2.2	2.1	2.1	2.1	1.6	0.9
400	*****	2.3	2.2	2.1	2.1	2.1	2.1	2.1	2.1	1.9	1.5	0.9
450	*****	2.1	2.1	2.0	2.0	2.0	2.0	2.0	2.0	1.8	1.4	0.8
500	*****	2.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.7	1.3	0.8
750	*****	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.1	0.6	0.5
1000	*****	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9

**Notes:** For correct usage of these tables refer to the Microdata Documentation

### Approximate Variance Tables

#### Adult Training Survey February 1986 - Full Time Students

##### British Columbia

Numerator of Percentage (.000)	Estimated Percentage								
	5.0%	10.0%	15.0%	20.0%	25.0%	30.0%	35.0%	40.0%	50.0%
1	71.8	71.5	70.0	68.1	66.2	64.2	62.2	60.1	57.9
2	*****	50.5	50.3	49.5	48.2	46.8	45.4	44.0	42.5
3	*****	41.3	41.0	40.4	39.3	38.2	37.1	35.9	34.7
4	*****	35.7	35.5	35.0	34.1	33.1	32.1	31.1	30.0
5	*****	32.0	31.8	31.3	30.5	29.6	28.7	27.8	26.9
6	*****	29.2	29.0	28.6	27.8	27.0	26.2	25.4	24.5
7	*****	27.0	26.9	26.5	25.8	25.0	24.3	23.5	22.7
8	*****	25.3	25.1	24.7	24.1	23.4	22.7	22.0	21.2
9	*****	23.8	23.7	23.3	22.7	22.1	21.4	20.7	20.0
10	*****	22.6	22.5	22.1	21.5	20.9	20.3	19.7	19.0
11	*****	21.5	21.4	21.1	20.5	20.0	19.4	18.8	18.1
12	*****	20.6	20.5	20.2	19.7	19.1	18.5	18.0	17.3
13	*****	19.8	19.7	19.4	18.9	18.4	17.8	17.3	16.7
14	*****	19.1	19.0	18.7	18.2	17.7	17.2	16.6	16.1
15	*****	18.5	18.4	18.1	17.6	17.1	16.6	16.1	15.5
16	*****	17.9	17.8	17.5	17.0	16.6	16.1	15.5	15.0
17	*****	17.3	17.2	17.0	16.5	16.1	15.6	15.1	14.6
18	*****	16.8	16.8	16.5	16.1	15.6	15.1	14.7	14.2
19	*****	16.3	16.1	15.6	15.2	14.7	14.3	13.8	13.3
20	*****	15.9	15.7	15.2	14.8	14.4	13.9	13.4	12.9
21	*****	15.5	15.3	14.9	14.4	14.0	13.6	13.1	12.6
22	*****	15.2	14.9	14.5	14.1	13.7	13.3	12.8	12.3
23	*****	14.8	14.6	14.2	13.8	13.4	13.0	12.5	12.1
24	*****	14.5	14.3	13.9	13.5	13.1	12.7	12.3	11.8
25	*****	14.2	14.0	13.6	13.2	12.8	12.4	12.0	11.6
30	*****	13.0	12.8	12.4	12.1	11.7	11.4	11.0	10.6
35	*****	12.0	11.8	11.5	11.2	10.9	10.5	10.2	9.8
40	*****	11.1	10.8	10.5	10.2	9.8	9.5	9.2	8.8
45	*****	10.4	10.2	9.9	9.6	9.3	9.0	8.6	8.3
50	*****	9.9	9.6	9.4	9.1	8.8	8.5	8.2	7.9
55	*****	9.4	9.2	8.9	8.7	8.4	8.1	7.8	7.5
60	*****	9.0	8.8	8.5	8.3	8.0	7.8	7.5	7.2
65	*****	8.7	8.5	8.2	8.0	7.7	7.5	7.2	6.9
70	*****	8.4	8.1	7.9	7.7	7.4	7.2	6.9	6.6
75	*****	8.1	7.9	7.6	7.4	7.2	6.9	6.7	6.4
80	*****	7.8	7.6	7.4	7.2	7.0	6.7	6.5	6.2
85	*****	7.6	7.4	7.2	7.0	6.7	6.5	6.3	6.0
90	*****	7.4	7.2	7.0	6.8	6.6	6.3	6.1	5.9
95	*****	7.0	6.8	6.6	6.4	6.2	5.9	5.7	5.5
100	*****	6.8	6.6	6.4	6.2	6.0	5.8	5.6	5.1
125	*****	6.1	5.9	5.7	5.6	5.4	5.2	5.0	4.5
150	*****	5.6	5.4	5.2	5.1	4.9	4.7	4.5	4.1
200	*****	4.7	4.5	4.4	4.2	4.1	3.9	3.6	3.2

Notes: For correct usage of these tables refer to the Microdata Documentation

\*\*\* CONTINUES \*\*\*

**Approximate Variance Tables**

**Adult Training Survey February 1986 - Full Time Students**

**British Columbia**

Numerator of Percentage (.000)	Estimated Percentage									50.0%	70.0%	90.0%
	0.1%	1.0%	2.0%	5.0%	10.0%	15.0%	20.0%	25.0%	30.0%			
250	*****	4.2	4.1	3.9	3.8	3.7	3.5	3.2	3.0	2.5	2.3	1.4
300	*****	3.7	3.6	3.5	3.3	3.2	3.0	2.9	2.7	2.1	2.0	1.3
350	*****	3.4	3.3	3.2	3.1	3.0	2.9	2.8	2.7	2.1	2.0	1.2
400	*****	3.1	3.0	2.9	2.9	2.8	2.7	2.6	2.5	2.0	1.9	1.1
450	*****	2.9	2.8	2.7	2.7	2.6	2.5	2.4	2.3	1.8	1.7	1.0
500	*****	2.7	2.7	2.6	2.5	2.5	2.4	2.3	2.2	1.7	1.6	0.8
750	*****	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.4	1.4	0.7
1000	*****	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	0.7	0.7	0.6
1500	*****											

**Notes:** For correct usage of these tables refer to the Microdata Documentation

Approximate Variance Tables  
Adult Training Survey February 1986 - Full Time Students

Atlantic Provinces

Numerator of Percentage (.000)	Estimated Percentage									50.0%	70.0%	90.0%
	0.1%	1.0%	2.0%	5.0%	10.0%	15.0%	20.0%	25.0%	30.0%			
1      39.8	39.6	39.4	38.8	37.8	36.7	35.6	34.5	33.3	32.1	28.2	21.8	12.6
2      *****	28.0	27.9	27.4	26.7	26.0	25.2	24.4	23.6	22.7	19.9	15.4	8.9
3      *****	22.9	22.8	22.4	21.8	21.2	20.6	19.9	19.2	18.5	16.3	12.6	7.3
4      *****	19.8	19.7	19.6	18.9	18.4	17.8	17.2	16.7	16.0	15.4	14.1	10.9
5      *****	17.7	17.6	17.4	16.9	16.4	15.9	15.4	14.9	14.4	13.8	12.6	9.8
6      *****	16.2	16.1	15.8	15.0	14.5	14.1	13.6	13.1	12.6	11.5	8.9	5.1
7      *****	15.0	14.9	14.7	14.3	13.9	13.5	13.0	12.6	12.1	11.7	10.6	8.2
8      *****	14.0	13.9	13.7	13.4	13.0	12.6	12.2	11.8	11.3	10.9	10.0	7.7
9      *****	13.2	13.1	12.9	12.6	12.2	11.9	11.5	11.1	10.7	10.3	9.4	7.3
10     *****	12.5	12.5	12.3	11.9	11.6	11.3	10.9	10.5	10.2	9.8	8.9	6.9
11     *****	11.9	11.9	11.7	11.4	11.1	10.7	10.4	10.0	9.7	9.3	8.5	6.6
12     *****	11.4	11.4	11.2	10.9	10.6	10.3	10.0	9.6	9.3	8.9	8.1	6.3
13     *****	11.0	10.9	10.8	10.5	10.2	9.9	9.6	9.2	8.9	8.6	7.8	6.0
14     *****	10.6	10.5	10.4	10.1	9.8	9.5	9.2	8.9	8.6	8.2	7.5	5.6
15     *****	10.2	10.0	9.8	9.5	9.2	8.9	8.6	8.3	8.0	7.3	5.6	3.3
16     *****	9.9	9.7	9.4	9.2	8.9	8.6	8.4	8.1	7.8	7.0	5.5	3.1
17     *****	9.6	9.4	9.2	8.9	8.6	8.4	8.1	7.8	7.5	6.8	5.3	3.1
18     *****	9.3	9.1	8.9	8.7	8.4	8.1	7.9	7.6	7.3	6.6	5.1	3.0
19     *****	9.0	8.9	8.7	8.4	8.2	7.9	7.6	7.3	7.0	6.7	6.0	4.6
20     *****	8.8	8.7	8.4	8.2	8.0	7.7	7.4	7.1	6.8	6.5	5.8	2.7
21     *****	8.6	8.5	8.2	8.0	7.8	7.5	7.3	7.0	6.7	6.3	5.6	2.7
22     *****	8.4	8.3	8.1	7.8	7.6	7.4	7.1	6.8	6.6	6.0	5.3	2.7
23     *****	8.2	8.1	7.9	7.7	7.4	7.2	6.9	6.7	6.4	5.9	4.5	2.6
24     *****	8.0	7.9	7.7	7.5	7.3	7.0	6.8	6.6	6.3	5.7	4.5	2.6
25     *****	7.9	7.8	7.6	7.4	7.1	6.9	6.7	6.4	6.2	5.6	4.4	2.5
30     *****	7.1	6.9	6.7	6.5	6.3	6.1	5.9	5.6	5.1	4.0	3.7	2.3
35     *****	6.6	6.4	6.2	6.0	5.8	5.6	5.4	5.2	4.8	4.5	3.4	2.0
40     *****	6.1	6.0	5.8	5.6	5.5	5.3	5.1	5.0	4.8	4.6	4.2	3.3
45     *****	5.8	5.6	5.5	5.5	5.3	5.2	5.0	4.9	4.7	4.5	4.0	3.1
50     *****	5.5	5.3	5.2	5.0	4.9	4.8	4.6	4.5	4.3	4.2	3.8	2.9
55     *****	5.2	5.1	4.9	4.8	4.6	4.5	4.3	4.1	4.0	3.6	2.8	1.6
60     *****	5.0	4.9	4.7	4.6	4.5	4.5	4.3	4.1	4.0	3.5	2.7	1.6
65     *****	4.8	4.7	4.6	4.4	4.3	4.1	4.0	3.8	3.7	3.4	2.6	1.5
70     *****	4.6	4.5	4.4	4.2	4.1	4.0	3.8	3.7	3.6	3.3	2.5	1.3
75     *****	4.4	4.2	4.1	4.0	3.9	3.7	3.6	3.5	3.4	3.1	2.4	1.4
80     *****	4.2	4.1	4.0	3.9	3.7	3.6	3.5	3.3	3.1	2.8	2.4	1.4
85     *****	4.0	3.9	3.8	3.6	3.5	3.4	3.3	3.2	3.1	2.9	2.3	1.3
90     *****	3.9	3.8	3.7	3.5	3.4	3.3	3.2	3.1	3.0	2.9	2.2	1.3
95     *****	3.8	3.7	3.6	3.5	3.4	3.3	3.2	3.1	3.0	2.9	2.2	1.3
100    *****	3.7	3.6	3.5	3.4	3.3	3.2	3.1	3.0	2.9	2.8	2.0	1.1
125    *****	3.4	3.3	3.2	3.0	2.9	2.8	2.7	2.6	2.5	2.5	2.3	1.8
150    *****	3.4	3.3	3.2	3.0	2.9	2.8	2.7	2.6	2.5	2.4	2.3	1.5

Notes: For correct usage of these tables refer to the Microdata Documentation

\*\*\* CONTINUES \*\*\*

**Approximate Variance Tables**

**Adult Training Survey February 1986 - Full Time Students**

**Atlantic Provinces**

Numerator of Percentage (.000)	Estimated Percentage									90.0%
	0.1%	1.0%	2.0%	5.0%	10.0%	15.0%	20.0%	25.0%	30.0%	
250	2.3	2.2	2.1	2.0	2.0	2.0	2.0	2.0	1.8	1.4
300	2.0	1.9	1.9	1.9	1.9	1.9	1.8	1.8	1.6	1.3
350	1.8	1.8	1.8	1.7	1.7	1.7	1.6	1.6	1.5	1.2
400	1.7	1.7	1.7	1.6	1.6	1.6	1.5	1.5	1.4	1.1
450	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.3	1.0
500	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.0
750	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.0
1000	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	0.9

**Notes:** For correct usage of these tables refer to the Microdata Documentation

Approximate Variance Tables

Adult Training Survey February 1986 - Full Time Students

Manitoba, Saskatchewan & Alberta

Numerator of Percentage ('000)	Estimated Percentage								
	0.1%	1.0%	2.0%	5.0%	10.0%	15.0%	20.0%	25.0%	30.0%
1	55.7	55.4	55.2	54.3	51.4	49.8	48.2	46.6	44.9
2	39.4	39.0	38.4	37.4	36.3	35.2	34.1	33.0	31.8
3	**	32.0	31.8	31.4	30.5	29.7	28.8	27.9	26.9
4	**	27.7	27.6	27.2	26.4	25.7	24.9	24.1	23.3
5	**	24.8	24.7	24.3	23.6	23.0	22.3	21.6	20.8
6	**	22.6	22.5	22.2	21.6	21.0	20.3	19.7	19.0
7	**	21.0	20.8	20.5	20.0	19.4	18.8	18.2	17.6
8	*	19.6	19.5	19.2	18.7	18.2	17.6	17.1	16.5
9	*	18.5	18.4	18.1	17.6	17.1	16.6	16.1	15.5
10	*	17.5	17.4	17.2	16.7	16.2	15.8	15.3	14.7
11	*	16.7	16.6	16.4	15.9	15.5	15.0	14.5	14.1
12	*	16.0	15.9	15.7	15.3	14.8	14.4	13.9	13.5
13	*	15.4	15.3	15.1	14.7	14.2	13.8	13.4	12.9
14	*	14.8	14.7	14.5	14.1	13.7	13.3	12.9	12.5
15	*	14.3	14.2	14.0	13.6	13.3	12.9	12.5	12.0
16	*	13.9	13.8	13.6	13.2	12.8	12.5	12.1	11.7
17	*	13.4	13.4	13.2	12.8	12.5	12.1	11.7	11.3
18	*	13.1	13.0	12.8	12.5	12.1	11.7	11.4	11.0
19	*	12.7	12.7	12.5	12.1	11.8	11.4	11.1	10.7
20	*	12.4	12.3	12.1	11.8	11.5	11.1	10.8	10.4
21	*	12.1	12.0	11.8	11.5	11.2	10.9	10.5	10.2
22	*	11.8	11.8	11.6	11.3	11.0	10.6	10.3	9.9
23	*	11.6	11.5	11.3	11.0	10.7	10.4	10.1	9.7
24	*	11.3	11.3	11.1	10.8	10.5	10.2	9.8	9.5
25	*	11.1	11.1	11.0	10.9	10.6	10.3	10.0	9.6
30	*	10.1	9.9	9.6	9.4	9.1	8.8	8.5	8.2
35	*	9.3	9.2	8.9	8.7	8.4	8.2	7.9	7.6
40	*	8.7	8.6	8.4	8.1	7.9	7.6	7.4	7.1
45	*	8.2	8.1	7.9	7.7	7.4	7.2	6.9	6.7
50	*	7.8	7.7	7.5	7.3	7.0	6.8	6.6	6.4
55	*	7.4	7.3	7.1	6.9	6.7	6.5	6.3	6.1
60	*	7.0	6.8	6.6	6.4	6.2	6.0	5.8	5.6
65	*	6.7	6.6	6.4	6.2	6.0	5.8	5.6	5.4
70	*	6.5	6.3	6.1	6.0	5.8	5.6	5.4	5.2
75	*	6.3	6.1	5.9	5.8	5.6	5.4	5.2	5.0
80	*	6.1	5.9	5.7	5.6	5.4	5.2	5.0	4.8
85	*	5.9	5.7	5.6	5.4	5.2	5.1	4.9	4.7
90	*	5.6	5.6	5.4	5.3	5.1	4.9	4.7	4.5
95	*	5.4	5.4	5.3	5.1	5.0	4.8	4.6	4.4
100	*	5.3	5.3	5.1	5.0	4.8	4.7	4.5	4.3
125	*****	4.9	4.7	4.6	4.5	4.3	4.2	4.0	3.9
150	*****	4.3	4.2	4.1	3.9	3.8	3.7	3.5	3.2
200	*****	3.7	3.6	3.5	3.4	3.3	3.2	3.1	2.8

Notes: For correct usage of these tables refer to the Microdata Documentation

\*\*\* CONTINUES \*\*\*

**Approximate Variance Tables**

Adult Training Survey February 1986 - Full Time Students

Manitoba, Saskatchewan & Alberta

Numerator of Percentage ('000)	Estimated Percentage								
	0.1%	1.0%	2.0%	5.0%	10.0%	15.0%	20.0%	25.0%	30.0%
250	*****	3.3	3.2	3.1	2.9	2.8	2.7	2.5	1.9
300	*****	3.0	2.9	2.8	2.7	2.6	2.5	2.3	1.8
350	*****	2.7	2.7	2.6	2.5	2.4	2.3	2.1	1.6
400	*****	2.6	2.5	2.4	2.3	2.2	2.2	2.0	1.5
450	*****	2.5	2.3	2.2	2.1	2.1	2.0	1.9	1.4
500	*****	2.4	2.2	2.1	2.0	1.9	1.8	1.7	1.4
750	*****	1.7	1.6	1.6	1.6	1.6	1.6	1.5	1.1
1000	*****	1.4	1.4	1.4	1.4	1.4	1.4	1.4	0.6
1500	*****	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.5
2000	*****	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4

**Notes:** For correct usage of these tables refer to the Microdata Documentation



**SURVEY QUESTIONNAIRES**



**The Household Record Docket (Form 03)**

The Household Record Docket (Form 03) is used to list all household members whose usual place of residence is the selected dwelling. It is both a survey operations/control document and a record of socio-demographic information on household members.







### **The Labour Force Questionnaire (Form 05)**

The Labour Force Questionnaire (Form 05) is used to collect information on the current and most recent labour market activity of all household members 15 years of age or older. The Form 05 includes questions on hours of work, job tenure, type of work, reason for hours lost or absent, job search undertaken, availability for work, and school attendance.



Docket No. 2

Survey date 3

Assignment No. 4

HRD page - line No.

Given name

1 FORM NO. 05

5 [ ] 6 [ ]

7 [ ]

**10 LAST WEEK, DID . . . WORK AT A JOB OR BUSINESS? (Regardless of the number of hours.)**

Yes  No  Go to 30  
 PERMANENTLY unable to work  Go to 50

**11 DID . . . HAVE MORE THAN ONE JOB OR BUSINESS LAST WEEK?**

Yes  No  Go to 13

**12 WAS THIS A RESULT OF CHANGING EMPLOYERS LAST WEEK?**

Yes  No

**13 HOW MANY HOURS PER WEEK DOES . . . USUALLY WORK AT HIS/HER:**

(Main) JOB?  # total  
 30 or more  
 Other jobs?  go to 15

**14 WHAT IS THE REASON . . . USUALLY WORKS LESS THAN 30 HOURS PER WEEK?**

Enter code

**15 LAST WEEK, HOW MANY HOURS OF OVERTIME OR EXTRA HOURS DID . . . WORK?**

(Include paid and unpaid time at all jobs)  # none enter 00

**16 LAST WEEK, HOW MANY HOURS WAS . . . AWAY FROM WORK FOR ANY REASON? (Holiday, vacation, illness, labour dispute, etc.)**

(From all jobs)  # none enter 00 and go to 18

**17 WHAT WAS THE MAIN REASON FOR BEING AWAY FROM WORK?**

Enter code

**18 HOW MANY HOURS DID . . . ACTUALLY WORK LAST WEEK AT HIS/HER:**

(Main) JOB?   
 Other jobs?

**19 IN THE PAST 4 WEEKS, HAS . . . LOOKED FOR ANOTHER JOB?**

Yes  No   
 Go to 72

**72 FOR WHOM DID . . . WORK? (Name of business, government dept. or agency, or person)**

No  1 ►   
 No change  2 ►   
 Go to 73

**73 WHEN DID . . . START WORKING FOR THIS EMPLOYER?**

Ma.  Yr.   
 No  1 ►  Ma.  Yr.   
 No change  2 ►  or ►  # month unknown enter -- In month

**74 WHAT KIND OF BUSINESS, INDUSTRY OR SERVICE WAS THIS? (Give full description: e.g., federal government, canning industry, forestry services.)**

No  1 ►   
 No change  2 ►   
 Go to 75A

**75A WHAT KIND OF WORK WAS . . . DOING? (Give full description: e.g., office clerk, factory worker, forestry technician.)**

No  1 ►   
 No change  2 ►   
 Go to 75B

**75B IN THIS WORK, WHAT WERE . . . MOST IMPORTANT ACTIVITIES OR DUTIES? (Give full description: e.g., filing documents, drying vegetables, forest examiner.)**

No  1 ►   
 No change  2 ►   
 Go to 76

**76 Class of worker:**

Main job  No change  1 ►  or ►  Enter code

Other job  No change  1 ►  or ►  Enter code

**30 LAST WEEK, DID . . . HAVE A JOB OR BUSINESS AT WHICH HE/SHE DID NOT WORK?**

Yes  Go to 33 No  2 ►

**31 LAST WEEK, DID . . . HAVE A JOB TO START AT A DEFINITE DATE IN THE FUTURE?**

Yes  Go to 50 No  2 ►

**32 COUNTING FROM THE END OF LAST WEEK, IN HOW MANY WEEKS WILL . . . START TO WORK AT HIS/ HER NEW JOB?**

Go to 50

**33 WHY WAS . . . ABSENT FROM WORK LAST WEEK?**

Enter code and # code 6 go to 32

**34 DID . . . HAVE MORE THAN ONE JOB OR BUSINESS LAST WEEK?**

Yes  Go to 2

**35 HOW MANY HOURS PER WEEK DOES . . . USUALLY WORK AT HIS/HER:**

(Main) JOB?  # total  
 30 or more  
 Other jobs?  go to 37

**36 WHAT IS THE REASON . . . USUALLY WORKS LESS THAN 30 HOURS PER WEEK?**

Enter code

**37 UP TO THE END OF LAST WEEK, HOW MANY WEEKS HAS . . . BEEN CONTINUOUSLY ABSENT FROM WORK?**

**38 IS . . . GETTING ANY WAGES OR SALARY FROM HIS/HER EMPLOYER FOR ANY TIME OFF LAST WEEK?**

Yes  Go to 2  
 No

**39 INTERVIEWER CHECK ITEM**

• If code 5 (layoff) in 33 1  go to 56  
 • Otherwise 2  go to 40

**40 IN THE PAST 4 WEEKS, HAS . . . LOOKED FOR ANOTHER JOB?**

Yes  Go to 2  
 No  Go to 72

**50 HAS . . . EVER WORKED AT A JOB OR BUSINESS?**

Yes  1 No  2 Go to 55

**51 WHEN DID . . . LAST WORK AT A JOB OR BUSINESS?**

No  1 ►  Ma.  Yr. If month unknown, enter -- In month  
 charge

**52 INTERVIEWER CHECK ITEM**

(1) If 51 is before 55 1  go to 55  
 (2) If 51 is equal to or later than 55 2  go to 55

**53 DID . . . USUALLY WORK 30 OR MORE HOURS PER WEEK?**

Full-time  1 (30 or more hours per week)  
 Part-time  2 (Less than 30 hours per week)

**54 WHAT WAS THE MAIN REASON WHY . . . LEFT THAT JOB?**

Enter code

**55 INTERVIEWER CHECK ITEM**

\* If "perm. unable to work" in 10 1  go to 80  
 \* Otherwise 2  go to 58

**56 IN THE PAST 6 MONTHS, HAS . . . LOOKED FOR WORK?**

Yes  1 No  2 Go to 64

**57 IN THE PAST 4 WEEKS, WHAT HAS . . . DONE TO FIND WORK? Mark all methods reported.**

Nothing  1 Go to 62  
 • IN THE PAST 4 WEEKS, HAS . . . DONE ANYTHING ELSE TO FIND WORK? Mark all other methods reported.  
 For each method given, etc.

• WHEN DID . . . LAST (Repeat method)?

Method used	No. of weeks ago (excl. svy. week)
PUBLIC employment AGENCY	2 <input type="checkbox"/>
PRIVATE employment AGENCY	3 <input type="checkbox"/>
UNION	4 <input type="checkbox"/>
EMPLOYERS directly	5 <input type="checkbox"/>
FRIENDS or relatives	6 <input type="checkbox"/>
Placed or answered ADS	7 <input type="checkbox"/>
LOOKED at job ADS	8 <input type="checkbox"/>
OTHER. Specify in NOTES	9 <input type="checkbox"/>

**58 UP TO THE END OF LAST WEEK, HOW MANY WEEKS HAS . . . BEEN LOOKING FOR WORK? (Not counting weeks worked.)**

**59 WHAT WAS . . . 'S MAIN ACTIVITY BEFORE HE/SHE STARTED TO LOOK FOR WORK?**

Enter code

**60 IS . . . LOOKING FOR A JOB TO LAST MORE THAN 6 MONTHS?**

Yes  1 (More than 6 months) No  2 (6 months or less)

**61 IS . . . LOOKING FOR A FULL-TIME OR PART-TIME JOB?**

Full-time  1 (30 or more hours per week)  
 Part-time  2 (Less than 30 hours per week)

Go to 63

**62 WHAT WAS THE MAIN REASON WHY . . . DID NOT LOOK FOR WORK LAST WEEK?**

Enter code

**63 WAS THERE ANY REASON WHY . . . COULD NOT TAKE A JOB LAST WEEK?**

Enter code

**64 INTERVIEWER CHECK ITEM**

(1) If "perm. unable to work" in 50 1  go to 80  
 (2) If 51 is before 55 2  go to 55  
 \* If upper circle in 62 is marked 3  go to 80  
 \* Otherwise 4  go to 72

**65 EDUCATIONAL ACTIVITIES (If age 65 or over, go to 90)**

**66 LAST WEEK, WAS . . . ATTENDING A SCHOOL, COLLEGE OR UNIVERSITY?**

Yes  1 No  2 Go to 90

**67 WAS . . . ENROLLED AS A FULL-TIME OR A PART-TIME STUDENT?**

Full-time  1 Part-time  2

**68 WHAT KIND OF SCHOOL WAS THIS?**

Elementary school  Secondary school  University  Other  Enter code

**69 INFORMATION SOURCE**

HRD page-the No. person providing information  
 the above information. 1  Yes 2  No  
 Last interview  This interview  Interviewer   
 Interviewer's name \_\_\_\_\_ Authority - Statistics Act Chapter 16,  
 Statistics Act, 1970-71-72  
 Statutes of Canada 1970-71-72



**The Supplementary Survey Questionnaire (Form 06)**



CONFIDENTIAL  
When completedAuthority - Statistics Act, Statutes of  
Canada 1970-71-72, Chapter 15.

## ADULT TRAINING SURVEY

<p style="text-align: center;">IF A CALL BACK IS REQUIRED, RECORD THE DATE, TIME AND TELEPHONE NUMBER</p>	1	0 8	2						3	0 2 8 6	Survey Date	
	Form No.	Docket No.										
	4					5			HRD page line No.			
	Assignment		Given Name									
	Surname											
	Date:						Time:					
	Call Back:						Call Back:					
	Telephone No.											
	THESE NEXT QUESTIONS CONCERN ANY EDUCATION OR TRAINING PROGRAMS, COURSES OR INSTRUCTION ... HAS TAKEN AT ANY TIME DURING 1984 OR 1985. AT SCHOOL OR AT WORK.											
10. AT ANY TIME DURING 1984 OR 1985 WAS ... A FULL TIME STUDENT FOR ONE MONTH OR MORE AT A COMMUNITY COLLEGE, CEGEP, OR UNIVERSITY?						16. WHO ORGANIZED THIS PROGRAM? WAS IT ...						
Yes <input type="radio"/> 1			Go to 13			No <input type="radio"/> 2			<ul style="list-style-type: none"> <li><input type="radio"/> 1 A UNIVERSITY? ..... Go to 21</li> <li><input type="radio"/> 2 A PUBLIC/COMMUNITY COLLEGE, CEGEP, TECHNICAL INSTITUTE? ..... 2</li> <li><input type="radio"/> 3 A VOCATIONAL OR TRADE SCHOOL? ..... 3</li> <li><input type="radio"/> 4 A UNION OR PROFESSIONAL ORGANIZATION? ..... 4</li> <li><input type="radio"/> 5 A PRIVATE OR COMMERCIAL SCHOOL? ... 5</li> <li><input type="radio"/> 6 Other (specify in NOTES) ..... 6</li> </ul>			
11. AT ANY TIME DURING 1984 OR 1985 WAS ... A FULL TIME STUDENT FOR ONE MONTH OR MORE AT A TRADE OR VOCATIONAL SCHOOL, A TECHNICAL INSTITUTE OR OTHER SIMILAR SCHOOL?						<ul style="list-style-type: none"> <li><input type="radio"/> 1 Yes <input type="radio"/> 1 Go to 13</li> <li><input type="radio"/> 2 No <input type="radio"/> 2</li> </ul>						
12. AT ANY TIME DURING 1984 OR 1985, DID ... TAKE A FULL TIME TRAINING PROGRAM WHICH LASTED FOR ONE MONTH OR MORE FROM A COMMERCIAL TRAINING SCHOOL, A UNION, OR A PROFESSIONAL ORGANIZATION?						17. WAS ... SPONSORED OR FINANCED IN THIS PROGRAM THROUGH A GOVERNMENT MANPOWER TRAINING PROGRAM?						
Yes <input type="radio"/> 3			No <input type="radio"/> 4			Yes <input type="radio"/> 1			No <input type="radio"/> 2 Go to 20			
13. IN WHICH YEAR DID ... ATTEND AS A FULL TIME STUDENT?						18. WAS THIS A CANADA MANPOWER TRAINING PROGRAM, THAT IS WAS THIS TRAINING PAID FOR BY EMPLOYMENT AND IMMIGRATION CANADA?						
<ul style="list-style-type: none"> <li><input type="radio"/> 1 1984 .....</li> <li><input type="radio"/> 2 1985 .....</li> <li><input type="radio"/> 3 Both 1984 and 1985.....</li> </ul>						<ul style="list-style-type: none"> <li><input type="radio"/> 1 Yes <input type="radio"/> 1</li> <li><input type="radio"/> 2 No <input type="radio"/> 2</li> </ul>						
14. THE FOLLOWING QUESTIONS REFER TO THE LAST FULL TIME PROGRAM IN WHICH ... WAS ENROLLED DURING 1984 OR 1985.						19. DID ... REGISTER FOR THIS PROGRAM AT A CANADA EMPLOYMENT CENTRE?						
WHAT WAS THE TITLE OR NAME OF THIS LAST FULL TIME PROGRAM?						<ul style="list-style-type: none"> <li><input type="radio"/> 1 Yes <input type="radio"/> 1</li> <li><input type="radio"/> 2 No <input type="radio"/> 2</li> </ul>						
<hr/> <hr/>												
15. WHAT IS THE USUAL TIME REQUIRED TO COMPLETE THIS PROGRAM?						20. DID ... RECEIVE ANY TRAINING ALLOWANCES OR OTHER FINANCIAL ASSISTANCE FROM EMPLOYMENT AND IMMIGRATION CANADA WHILE TAKING THIS PROGRAM?						
<input type="checkbox"/> years			OR			<input type="checkbox"/> months			<ul style="list-style-type: none"> <li><input type="radio"/> 1 Yes <input type="radio"/> 1</li> <li><input type="radio"/> 2 No <input type="radio"/> 2</li> </ul>			
21. WAS THERE ANY TUITION FEE FOR THIS PROGRAM?												
<ul style="list-style-type: none"> <li><input type="radio"/> 1 Yes <input type="radio"/> 1</li> <li><input type="radio"/> 2 No <input type="radio"/> 2 Go to 23</li> </ul>												

<p>22. WHO PAID THE TUITION FOR THIS PROGRAM? (Mark one only)</p> <p>Self or family ..... <input type="radio"/> 1 Employer ..... <input type="radio"/> 2 Other (specify in NOTES) ..... <input type="radio"/> 3</p>	<p>33. IN WHICH YEAR WAS ... REGISTERED IN THIS APPRENTICESHIP PROGRAM?</p> <p>1984 ..... <input type="radio"/> 1 1985 ..... <input type="radio"/> 2 Both 1984 and 1985 ..... <input type="radio"/> 3</p>
<p>23. WHICH OF THE FOLLOWING WAS THE MOST IMPORTANT REASON WHY ... TOOK THIS PROGRAM. WAS IT ... (Mark one only)</p> <ul style="list-style-type: none"> <li>• TO IMPROVE JOB OPPORTUNITIES OR FOR CAREER DEVELOPMENT? ..... <input type="radio"/> 1</li> <li>• FOR PERSONAL INTEREST? ..... <input type="radio"/> 2</li> <li>• TO INCREASE EARNINGS? ..... <input type="radio"/> 3</li> <li>• TO IMPROVE JOB RELATED SKILLS? ..... <input type="radio"/> 4</li> </ul>	<p>34. THE FOLLOWING QUESTIONS REFER TO THE LAST FULL TIME APPRENTICESHIP PROGRAM IN WHICH ... WAS REGISTERED DURING 1984 OR 1985.</p> <p>WHAT WAS THE TITLE OR NAME OF THIS APPRENTICESHIP PROGRAM?</p> <p>_____</p> <p>_____</p>
<p>24. WHEN DID ... FIRST START THIS PROGRAM?</p> <p><input type="checkbox"/> month      19 <input type="checkbox"/> year</p>	<p>35. WHAT IS THE USUAL TIME REQUIRED TO COMPLETE THIS PROGRAM?</p> <p><input type="checkbox"/> years      OR      <input type="checkbox"/> months</p>
<p>25. DURING THE 6 MONTHS PRIOR TO ENTERING THIS PROGRAM, WAS ... MAINLY ...</p> <ul style="list-style-type: none"> <li>• WITHOUT A JOB BUT ACTIVELY LOOKING FOR WORK? ..... <input type="radio"/> 1</li> <li>• EMPLOYED FULL TIME (MORE THAN 30 HOURS/WEEK)? ..... <input type="radio"/> 2</li> <li>• EMPLOYED PART TIME? ..... <input type="radio"/> 3</li> <li>• WITHOUT A JOB AND NOT LOOKING FOR WORK? ..... <input type="radio"/> 4</li> </ul>	<p>36. WHEN DID ... FIRST ENTER OR START THIS PROGRAM?</p> <p><input type="checkbox"/> month      19 <input type="checkbox"/> year</p> <p>37. DURING THE 6 MONTHS PRIOR TO ENTERING THIS APPRENTICESHIP PROGRAM, WAS ... MAINLY ...</p> <ul style="list-style-type: none"> <li>• WITHOUT A JOB BUT ACTIVELY LOOKING FOR WORK? ..... <input type="radio"/> 1</li> <li>• EMPLOYED FULL TIME (MORE THAN 30 HOURS/WEEK)? ..... <input type="radio"/> 2</li> <li>• EMPLOYED PART TIME? ..... <input type="radio"/> 3</li> <li>• WITHOUT A JOB AND NOT LOOKING FOR WORK? ..... <input type="radio"/> 4</li> </ul>
<p>26. SINCE STARTING THIS PROGRAM, DID ... LEAVE OR STOP TAKING IT FOR 12 MONTHS OR MORE?</p> <p>Yes <input type="radio"/> 1      No <input type="radio"/> 2      Go to 28</p>	<p>38. INTERVIEWER CHECK ITEM:</p> <p>If employed full time or part time, circle 2 or 3 marked in Q37 ..... <input type="radio"/> 1      Go to 39 Otherwise ..... <input type="radio"/> 2      Go to 42</p>
<p>27. WHEN DID ... RE-ENTER THIS PROGRAM?</p> <p><input type="checkbox"/> month      19 <input type="checkbox"/> year</p> <p><input type="radio"/> 1 Did not re-enter → Go to 29</p>	<p>39. WHEN ... WAS REGISTERED IN THIS APPRENTICESHIP PROGRAM, ABOUT HOW MANY PERSONS WERE EMPLOYED AT THE LOCATION WHERE ... WORKED?</p> <p>Less than 20 ..... <input type="radio"/> 1 21 to 99 ..... <input type="radio"/> 2 100 to 499 ..... <input type="radio"/> 3 500 or over ..... <input type="radio"/> 4 Don't know ..... <input type="radio"/> 5      } Go to 42</p>
<p>28. IS ... STILL TAKING THIS PROGRAM?</p> <p>Yes <input type="radio"/> 1      Go to 31      No <input type="radio"/> 2</p>	<p>40. DID ... 'S EMPLOYER OPERATE AT MORE THAN ONE LOCATION IN CANADA?</p> <p>Yes <input type="radio"/> 1      No <input type="radio"/> 2      Go to 42</p>
<p>29. WHEN DID ... LEAVE THIS PROGRAM?</p> <p><input type="checkbox"/> month      19 <input type="checkbox"/> year</p>	<p>41. IN TOTAL, ABOUT HOW MANY PERSONS WERE EMPLOYED AT ALL LOCATIONS IN CANADA?</p> <p>Less than 20 ..... <input type="radio"/> 1 21 to 99 ..... <input type="radio"/> 2 100 to 499 ..... <input type="radio"/> 3 500 or over ..... <input type="radio"/> 4 Don't know ..... <input type="radio"/> 5</p>
<p>30. DID ... SUCCESSFULLY COMPLETE THIS PROGRAM?</p> <p>Yes <input type="radio"/> 1      No <input type="radio"/> 2</p>	
<p>31. AT ANY TIME DURING THE 12 MONTHS PRIOR TO STARTING THIS PROGRAM, WAS ... ENROLLED FULL TIME IN A SECONDARY SCHOOL, A COLLEGE OR UNIVERSITY?</p> <p>Yes <input type="radio"/> 1      No <input type="radio"/> 2</p>	
<p>32. AT ANY TIME DURING 1984 OR 1985, WAS ... REGISTERED IN A FULL TIME APPRENTICESHIP TRAINING PROGRAM WHICH LASTED ONE MONTH OR MORE?</p> <p>Yes <input type="radio"/> 1      No <input type="radio"/> 2      Go to 46</p>	

<p>42. WHEN ... STARTED THIS APPRENTICESHIP PROGRAM, FOR HOW LONG HAD HE/SHE BEEN WORKING FOR THIS EMPLOYER? (Enter 00 if less than one year)</p> <p><input type="text"/> years</p>	<p>53. WHEN ... WAS ENROLLED IN THIS COURSE, ABOUT HOW MANY PERSONS WERE EMPLOYED AT THE LOCATION WHERE ... WORKED?</p> <p>Less than 20 ..... <input type="radio"/> 21 to 99 ..... <input type="radio"/> 100 to 499 ..... <input type="radio"/> 500 or over ..... <input type="radio"/> Don't know ..... <input type="radio"/></p> <p style="text-align: right;">} Go to 56</p>
<p>43. IS ... STILL TAKING THIS PROGRAM?</p> <p>Yes <input type="radio"/> Go to 46      No <input type="radio"/></p>	<p>54. DID ...'S EMPLOYER OPERATE AT MORE THAN ONE LOCATION IN CANADA?</p> <p>Yes <input type="radio"/>      No <input type="radio"/> Go to 56</p>
<p>44. WHEN DID ... LEAVE THIS PROGRAM?</p> <p><input type="text"/> month      19 <input type="text"/> year</p>	<p>55. IN TOTAL ABOUT HOW MANY PERSONS WERE EMPLOYED AT ALL LOCATIONS IN CANADA?</p> <p>Less than 20 ..... <input type="radio"/> 21 to 99 ..... <input type="radio"/> 100 to 499 ..... <input type="radio"/> 500 or over ..... <input type="radio"/> Don't know ..... <input type="radio"/></p>
<p>45. DID ... SUCCESSFULLY COMPLETE THIS PROGRAM?</p> <p>Yes <input type="radio"/>      No <input type="radio"/></p>	<p>56. WHEN ... TOOK THIS FULL TIME COURSE, FOR HOW LONG HAD HE/SHE BEEN WORKING FOR THIS EMPLOYER? (Enter 00 if less than one year)</p> <p><input type="text"/> years</p>
<p>46. EXCLUDING APPRENTICESHIP TRAINING, AT ANY TIME DURING 1984 OR 1985, DID ... TAKE A FULL TIME TRAINING COURSE OR PROGRAM ORGANIZED OR PROVIDED BY HIS/HER EMPLOYER WHICH LASTED ONE MONTH OR MORE?</p> <p>Yes <input type="radio"/>      No <input type="radio"/> Go to 59</p>	<p>57. IS ... STILL TAKING THIS COURSE?</p> <p>Yes <input type="radio"/> Go to 59      No <input type="radio"/></p>
<p>47. IN WHICH YEAR DID ... TAKE THIS COURSE?</p> <p>1984 ..... <input type="radio"/> 1985 ..... <input type="radio"/> Both 1984 and 1985 ..... <input type="radio"/></p>	<p>58. DID ... SUCCESSFULLY COMPLETE THIS COURSE?</p> <p>Yes <input type="radio"/>      No <input type="radio"/></p>
<p>48. THE FOLLOWING QUESTIONS REFER TO THE LAST FULL TIME COURSE ... TOOK DURING 1984 OR 1985, WHICH WAS ORGANIZED OR PROVIDED BY HIS/HER EMPLOYER.</p> <p>WHAT WAS THE TITLE OR NAME OF THIS LAST COURSE?</p> <p><input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/></p>	<p>59. THE FOLLOWING QUESTIONS REFER TO SHORT TERM EDUCATION OR TRAINING, THESE MAY BE TAKEN AT WORK, FROM A SCHOOL OR FROM ANY OTHER ORGANIZATION.</p> <p>AT ANY TIME DURING 1984 OR 1985, DID ... TAKE ANY COURSES FULL TIME WHICH LASTED LESS THAN ONE MONTH?</p> <p>Yes <input type="radio"/> → HOW MANY? <input type="text"/> No <input type="radio"/></p>
<p>49. WHAT IS THE USUAL TIME REQUIRED TO COMPLETE THIS COURSE?</p> <p><input type="text"/> years OR <input type="text"/> months</p>	<p>60. AT ANY TIME DURING 1984 OR 1985, DID ... TAKE ANY PART TIME COURSES?</p> <p>Yes <input type="radio"/> → HOW MANY? <input type="text"/> No <input type="radio"/></p>
<p>50. INTERVIEWER CHECK ITEM:</p> <p>If circle 3 marked in Q47 ..... <input type="radio"/> Go to 53 Otherwise ..... <input type="radio"/> Go to 51</p>	<p>61. INTERVIEWER CHECK ITEM:</p> <p>If 'Yes' marked in Q59 or Q60 ..... <input type="radio"/> Go to 62 Otherwise ..... <input type="radio"/> Go to 79</p>
<p>51. USUALLY, HOW MANY HOURS OF INSTRUCTION WERE THERE EACH WEEK FOR THIS COURSE <u>IN 1985</u>?</p> <p><input type="text"/> hours in 1985</p>	
<p>52. HOW MANY WEEKS DID THE COURSE LAST <u>IN 1985</u>?</p> <p><input type="text"/> weeks in 1985</p>	

- 4 -

62. THE FOLLOWING QUESTIONS REFER TO THE LAST OF THESE SHORT TERM TRAINING COURSES THAT ... TOOK DURING 1984 OR 1985.

WHAT WAS THE TITLE OR NAME OF THIS LAST SHORT TERM COURSE?

[REDACTED]

63. IN WHICH YEAR DID ... TAKE THIS COURSE?

1984 ..... 1

1985 ..... 2

Both 1984 and 1985 ..... 3

64. INTERVIEWER CHECK ITEM:

If circle 1 marked in Q63 ..... 4  Go to 67

Otherwise ..... 5  Go to 65

65. USUALLY HOW MANY HOURS OF INSTRUCTION WERE THERE EACH WEEK FOR THIS COURSE IN 1985?

[REDACTED] hours in 1985

66. HOW MANY WEEKS DID THE COURSE LAST IN 1985?

[REDACTED] weeks in 1985

67. WHO ORGANIZED THIS COURSE? WAS IT ...

• AN EMPLOYER? ..... 1

• A UNIVERSITY? ..... 2

• A PUBLIC/COMMUNITY COLLEGE, CEGEP, TECHNICAL INSTITUTE? ..... 3

• A VOCATIONAL SCHOOL? ..... 4

• A UNION OR PROFESSIONAL ORGANIZATION? ..... 5

• A PRIVATE OR COMMERCIAL SCHOOL? ..... 6

• Other (specify in NOTES) ..... 7

} Go to 70

68. WHEN ... TOOK THIS COURSE, FOR HOW LONG HAD HE/SHE BEEN WORKING FOR THIS EMPLOYER?  
(Enter 00 if less than one year)

[REDACTED] years

69. WAS THE TRAINING DONE ENTIRELY IN A CLASSROOM SETTING OR WAS THERE AN ON-THE-JOB COMPONENT TO THE TRAINING?

Classroom training only ..... 1

Classroom and on-the-job training ..... 2

70. WAS THERE ANY TUITION FEE FOR THIS COURSE?

Yes 3

No 4

Go to 72

71. WHO PAID THE TUITION FOR THIS COURSE?  
(Mark one only)

Self or family ..... 1

Employer ..... 2

Other (specify in NOTES) ..... 3

72. WHICH OF THE FOLLOWING WAS THE MOST IMPORTANT REASON WHY ... TOOK THIS COURSE. WAS IT ...  
(Mark one only)

• TO IMPROVE JOB OPPORTUNITIES OR FOR CAREER DEVELOPMENT? ..... 1

• FOR PERSONAL INTEREST? ..... 2

• TO INCREASE EARNINGS? ..... 3

• TO IMPROVE JOB RELATED SKILLS? ..... 4

73. DID ... SUCCESSFULLY COMPLETE THIS COURSE?

Yes 5  No 6  Still taking course 7

74. DURING THE 6 MONTHS PRIOR TO STARTING THIS SHORT TERM COURSE, WAS ... MAINLY ...

• WITHOUT A JOB BUT ACTIVELY LOOKING FOR WORK? ..... 1

• EMPLOYED FULL TIME (MORE THAN 30 HOURS/WEEK)? ..... 2

• EMPLOYED PART TIME? ..... 3

• WITHOUT A JOB AND NOT LOOKING FOR WORK? ..... 4

75. INTERVIEWER CHECK ITEM:

If employed full time or part time,  
circle 2 or 3 marked in Q74 ..... 5  Go to 76

Otherwise ..... 6  Go to 79

76. WHEN ... WAS ENROLLED IN THIS TRAINING COURSE, ABOUT HOW MANY PERSONS WERE EMPLOYED AT THE LOCATION WHERE ... WORKED?

Less than 20 ..... 1

21 to 99 ..... 2

100 to 499 ..... 3

500 or over ..... 4

Don't know ..... 5

} Go to 79

77. DID ...'S EMPLOYER OPERATE AT MORE THAN ONE LOCATION IN CANADA?

Yes 1  No 2  Go to 79

78. IN TOTAL ABOUT HOW MANY PERSONS WERE EMPLOYED AT ALL LOCATIONS IN CANADA?

Less than 20 ..... 3

21 to 99 ..... 4

100 to 499 ..... 5

500 or over ..... 6

Don't know ..... 7

79. INTERVIEWER CHECK ITEM:

If circle 1 marked in any of  
Questions 32, 46 or 61 ..... 1  Go to 85  
Otherwise ..... 2  Go to 80

## 80. DURING 1985 DID ... DO ANY WORK AT ALL AT A JOB OR BUSINESS?

Yes 3  No 4  Go to 85

## 81. WAS ...'S WORK IN 1985 ENTIRELY FULL TIME, ENTIRELY PART TIME OR SOME OF EACH? BY FULL TIME I MEAN 30 HOURS OR MORE A WEEK.

Entirely full time ..... 5   
Entirely part time ..... 6   
Some full time and some part time ..... 7

82. ABOUT HOW MANY PERSONS WERE EMPLOYED AT THE LOCATION WHERE ... WORKED DURING 1985?  
(If more than one employer, refer to one of longest duration)

Less than 20 ..... 1   
21 to 99 ..... 2   
100 to 499 ..... 3   
500 or over ..... 4   
Don't know ..... 5

} Go to 85

## 83. DID ...'S EMPLOYER OPERATE AT MORE THAN ONE LOCATION IN CANADA?

Yes 6  No 7  Go to 85

## 84. IN TOTAL ABOUT HOW MANY PERSONS WERE EMPLOYED AT ALL LOCATIONS IN CANADA?

Less than 20 ..... 1   
21 to 99 ..... 2   
100 to 499 ..... 3   
500 or over ..... 4   
Don't know ..... 5

## 85. DURING THE 6 MONTHS FROM APRIL TO SEPTEMBER 1985, WAS ... MAINLY ...

- WITHOUT A JOB BUT ACTIVELY LOOKING FOR WORK? ..... 1
- EMPLOYED FULL TIME (MORE THAN 30 HOURS/WEEK)? ..... 2
- EMPLOYED PART TIME? ..... 3
- WITHOUT A JOB AND NOT LOOKING FOR WORK? ..... 4

86. INFORMATION SOURCE:

HRD page-line of person providing the above information

  |  |

## NOTES

Item no.

99   |  |

COMMENTS:



**RECORD LAYOUT**



## ADULT TRAINING SURVEY - MICRO FILE

FIELD	ACRONYM	LENGTH	POSITION	QUESTION AND VARIABLE DESCRIPTIONS	PAGE
1	RECNUMR	6	0001-0006	RECORD NUMBER NOTE: FOR THIS RECORD LAYOUT, THE FOLLOWING SHOULD BE NOTED, 'F03' IS THE LFS FORM 03 (HOUSEHOLD RECORD DOCKET) 'F05' IS THE LFS FORM 05 (LABOUR FORCE SURVEY QUESTIONNAIRE) 'ATS' IS THE SUPPLEMENTARY FORM 06 (ADULT TRAINING SURVEY)	1
2	DATE	4	0007-0010	SURVEY DATE (0286)	
3	PROVINCE	2	0011-0012	REGION AND PROVINCE 10 NEWFOUNDLAND 11 PRINCE EDWARD ISLAND 12 NOVA SCOTIA 13 NEW BRUNSWICK 24 QUEBEC 35 ONTARIO 46 MANITOBA 47 SASKATCHEWAN 48 ALBERTA 59 BRITISH COLUMBIA	
4	F03Q34	1	0013	F03 Q34 - SEX 1 MALE 2 FEMALE	
5	F03Q35	1	0014	F03 Q35 - MARITAL STATUS 1 MARRIED 2 SINGLE 3 OTHER	
6	F03Q36	1	0015	F03 Q36 - RELATIONSHIP TO HEAD OF FAMILY 1 HEAD 2 SPOUSE 3 SON-DAUGHTER 4 PARENT (IN-LAW) 5 SON-DAUGHTER (IN-LAW) 6 OTHER RELATIVE	
7	F03Q33	1	0016	F03 Q33 - AGE GROUP 2 18-19 YEARS 3 20-24 YEARS 4 25-34 YEARS 5 35-44 YEARS 6 45-54 YEARS 7 55-64 YEARS	

## ADULT TRAINING SURVEY - MICRO FILE

FIELD	ACRONYM	LENGTH	POSITION	QUESTION AND VARIABLE DESCRIPTIONS	PAGE
7	F03Q33	1	0016	F03 Q33 - AGE GROUP 8 65 - YEARS NOTE: AGE GROUPS DERIVED FROM AGE AS REPORTED ON FORM 03 QUESTION 33 - RESPONDENTS FOR THIS SURVEY WERE RESTRICTED TO THOSE AGED 18 TO 65 YEARS OLD	2 ** CONTINUED **
8	F03Q38	1	0017	F03 Q28 - EDUCATION 1 NONE OR ELEMENTARY 2 HIGH SCHOOL (SOME OR COMPLETED) 3 SOME POST-SECONDARY 4 POST-SECONDARY CERT. OR DIPLOMA 5 UNIVERSITY	
9	LFSACTIV	1	0018	ACTIVITY OF RESPONDENT IN LFS REFERENCE WEEK 1 AT WORK 2 NOT AT WORK, HAS A JOB 3 NOT AT WORK, NO JOB 4 PERMANENTLY UNABLE TO WORK NOTE: BASED ON RESPONSES FROM LFS FORM 05	
10	F05Q11	1	0019	F05 Q11 - MULTIPLE JOB HOLDER 1 YES 2 NO BLANK	
11	F05Q13	2	0020-0021	F05 Q13 - TOTAL USUAL WEEKLY HOURS WORKED 00:65 BLANK	
12	F05Q14	1	0022	F05 Q14 - REASON FOR PART-TIME WORK BLANK 1 PERSONAL OR FAMILY RESPONSIBILITIES 2 GOING TO SCHOOL 3 COULD ONLY FIND PART-TIME WORK 4 DID NOT WANT FULL-TIME WORK 5 OTHER REASONS	
13	F05Q15	2	0023-0024	F05 Q15 - NUMBER OF EXTRA HOURS WORKED LAST WEEK BLANK 00:30	

## ADULT TRAINING SURVEY - MICRO FILE

FIELD	ACRONYM	LENGTH	POSITION	QUESTION AND VARIABLE DESCRIPTIONS	PAGE
14	F05Q16	2	0025-0026	F05 Q16 - NUMBER OF HOURS LOST LAST WEEK BLANK	3
				NOTE: IF ANY HOURS LOST, Q17 IS TO BE ANSWERED	
15	F05Q17	1	0027	F05 Q17 - REASONS FOR HOURS LOST BLANK 1 ILLNESS OR DISABILITY OR PERSONAL 2 BAD WEATHER 3 LABOUR DISPUTE 4 LAYOFF 5 LOST JOB/NEW JOB 6 VACATION 7 WORKING SHORT-TIME 8 OTHER	
16	F05Q32	2	0028-0029	F05 Q32 - NUMBER OF WEEKS UNTIL NEW JOB STARTS BLANK	
				00:13 NOTE: THIS IS FOR RESPONDENTS WHO INDICATED THAT THEY DID NOT WORK DURING THE REFERENCE WEEK BUT HAD A JOB TO START IN THE FUTURE	
17	F05Q18	2	0030-0031	F05 Q18 - TOTAL ACTUAL HOURS WORKED LAST WEEK BLANK	
				00:65	
18	F05Q38	1	0032	F05 Q38 - ARE YOU GETTING ANY WAGES OR SALARY FOR TIME OFF LAST WEEK BLANK	
				1 YES 2 NO	
19	F05Q37	2	0033-0034	F05 Q37 - UP TO THE END OF LAST WEEK, WHAT WAS THE TOTAL NUMBER OF WEEKS OF CONTINUED ABSENCE FROM WORK BLANK	
				00:18	
20	F05Q56	1	0035	F05 Q56 - LOOKED FOR WORK IN PAST SIX MONTHS BLANK	
				1 YES 2 NO	

## ADULT TRAINING SURVEY - MICRO FILE

FIELD	ACRONYM	LENGTH	POSITION	QUESTION AND VARIABLE DESCRIPTIONS	PAGE
21	F05Q57	1	0036	F05 Q57 - LOOKED FOR WORK IN PAST FOUR WEEKS 1 YES 2 NO	4
22	F05LOOK1	1	0037	F05 Q57 - METHODS USED IN JOB SEARCH: CONTACTED EMPLOYERS BLANK 1 YES 2 NO	
23	F05LOOK2	1	0038	F05 Q57 - METHODS USED IN JOB SEARCH: USED PUBLIC EMPLOYMENT AGENCY BLANK 1 YES 2 NO	
24	F05LOOK3	1	0039	F05 Q57 - METHODS USED IN JOB SEARCH: LOOKED AT ADS BLANK 1 YES 2 NO	
25	F05LOOK4	1	0040	F05 Q57 - METHODS USED: USED OTHER METHODS BLANK 1 YES 2 NO	
26	F05Q58	2	0041-0042	F05 Q58 - UP TO THE END OF LAST WEEK, WHAT WAS THE TOTAL NUMBER OF WEEKS SPENT LOOKING FOR WORK BLANK 01:39	
27	F05Q54	1	0043	F05 Q54 - WHAT WAS THE REASON FOR LEAVING LAST JOB BLANK 1 ILLNESS OR DISABILITY 2 PERSONAL OR FAMILY RESPONSIBILITIES 3 GOING TO SCHOOL 4 LOST JOB OR LAID OFF 5 RETIRED 6 OTHER REASONS 7 LAST WORKED MORE THAN 5 YEARS AGO 8 NEVER WORKED	

## ADULT TRAINING SURVEY - MICRO FILE

FIELD	ACRONYM	LENGTH	POSITION	QUESTION AND VARIABLE DESCRIPTIONS	PAGE
28	F05Q59	1	0044	F05 Q59 - ACTIVITY BEFORE STARTED LOOKING FOR WORK BLANK 1 WORKING 2 KEEPING HOUSE 3 SCHOOL 4 OTHER	5
29	F05Q6061	1	0045	F05 Q60-Q61 - TYPE OF WORK SOUGHT BLANK 1 FULL-TIME, PERMANENT 2 FULL-TIME, TEMPORARY 3 PART-TIME, PERMANENT 4 PART-TIME, TEMPORARY	
30	F05Q62	1	0046	F05 Q62 - REASONS FOR NOT LOOKING IN REFERENCE WEEK BLANK 1 ILLNESS OR PERSONAL RESPONSIBILITIES 2 AT SCHOOL 3 NO LONGER INTERESTED OR FOUND JOB 4 AWAITING RECALL OR REPLY 5 BELIEVES NO WORK AVAILABLE 6 OTHER REASONS	
31	F05Q63	1	0047	F05 Q63 - AVAILABILITY FOR WORK BLANK 1 NOT AVAILABLE; GOING TO SCHOOL 2 NOT AVAILABLE; OTHER REASONS 3 AVAILABLE	
32	F05QB082	1	0048	F05 Q80-Q82 - SCHOOL ENROLMENT BLANK 1 NOT ENROLLED 2 PRIMARY OR SECONDARY 3 UNIVERSITY, FULL-TIME 4 UNIVERSITY, PART-TIME 5 COMMUNITY COLLEGE, FULL-TIME 6 COMMUNITY COLLEGE, PART-TIME 7 OTHER, FULL-TIME 8 OTHER, PART-TIME	

## ADULT TRAINING SURVEY - MICRO FILE

FIELD	ACRONYM	LENGTH	POSITION	QUESTION AND VARIABLE DESCRIPTIONS
33	FILLER	1	0049	FILLER
34	F05FTPT	1	0050	F05 - TYPE OF JOB (PRESENT OR PREVIOUS) 1 FULL-TIME 2 PART-TIME 3 N/A
35	LFSTATUS	1	0051	LABOUR FORCE STATUS 1 EMPLOYED 2 UNEMPLOYED 3 NOT IN LABOUR FORCE
36	F05Q76	1	0052	F05 Q76 - CLASS OF WORKER 1 PAID WORKER, PRIVATE 2 PAID WORKED, GOVERNMENT 4 EMPLOYER 5 OWN ACCOUNT 6 UNPAID FAMILY WORKER 7 NEVER WORKED 8 RESIDUE NOTE: THERE IS NO CODE 3
37	F05Q7374	2	0053-0054	F05 Q73-Q74 - TYPE OF INDUSTRY 01 AGRICULTURE 02 OTHER PRIMARY 03 MANUFACTURING, NON-DURABLES 04 MANUFACTURING, DURABLES 05 CONSTRUCTION 06 TRANSPORTATION, ETC. 07 WHOLESALE TRADE 08 RETAIL TRADE 09 FINANCE, ETC. 10 COMMUNITY SERVICES 11 PERSONAL SERVICES 12 BUSINESS AND MISC. SERVICES 13 PUBLIC ADMINISTRATION 14 NEVER WORKED 15 LAST WORKED MORE THAN 5 YEARS AGO
38	F05Q75	2	0055-0056	F05 Q75 - TYPE OF OCCUPATION 01 OFFICIALS AND ADMINISTRATORS, GOV'T. 02 OTHER MANAGERS AND ADMINISTRATORS 03 MANAGEMENT AND ADMINISTRATION RELATED 04 PHYSICAL, LIFE SCIENCE 05 MATHS, STATS, SYSTEMS ANALYSIS AND RELATED

## ADULT TRAINING SURVEY - MICRO FILE

FIELD	ACRONYM	LENGTH	POSITION	QUESTION AND VARIABLE DESCRIPTIONS	PAGE
38	F05Q75	2	0055-0056	F05 Q75 - TYPE OF OCCUPATION 06 ARCHITECTS AND ENGINEERS 07 ARCHITECTURE AND ENGINEERING RELATED 08 SOCIAL SCIENCE AND RELATED 09 RELIGION 10 UNIVERSITY AND RELATED 11 ELEMENTARY, SECONDARY AND RELATED 12 OTHER TEACHING AND RELATED 13 HEALTH DIAGNOSING AND TREATING 14 NURSING, THERAPY AND RELATED 15 MEDICINE AND HEALTH RELATED 16 ARTISTIC AND RECREATION 17 STENOGRAPHIC AND TYPING 18 BOOKKEEPING, ACCOUNT-RECORDING AND RELATED 19 OFFICE MACHINE AND EDP OPERATORS 20 MATERIAL RECORDING, SCHEDULING AND DISTRIBUTION 21 RECEPTION, INFO. MAIL AND MESSAGE DISTRIBUTION 22 LIBRARY, FILE., CORRES., OTHER CLERICAL AND REL. 23 SALES, COMMODITIES 24 SALES, SERVICES AND OTHER SALES 25 PROTECTIVE SERVICES 26 FOOD, BEVERAGE PREPARATION, REL. LODGING AND ACCOM. 27 PERSONAL, APPAREL AND FURNISHING SERVICE 28 OTHER SERVICE OCCUPATIONS 29 FARMERS AND FARM MANAGEMENT 30 OTHER FARMING, HORTICULTURE AND ANIMAL HUSBANDRY 31 FISHING, HUNTING, TRAPPING AND RELATED 32 FORESTRY AND LOGGING 33 MINING AND QUARRYING-INCLUDING GAS AND OIL FIELD 34 FOOD, BEVERAGE AND RELATED 35 OTHER PROCESSING OCCUPATIONS 36 METAL SHAPING AND FORMING OCCUPATIONS 37 OTHER MACHINING OCCUPATIONS 38 METAL PRODUCTS, N.E.C. 39 ELECTRICAL, ELECTRONICS AND RELATED EQUIPMENT 40 TEXTILES, FURS AND LEATHER GOODS 41 WOOD PRODUCTS, RUBBER, PLASTICS AND OTHER RELATED 42 MECHANICS AND REPAIRMAN, EXCEPT ELECTRICAL 43 EXCAVATING, GRADING, PAVING AND RELATED 44 ELECTRICAL POWER, LIGHTING AND WIRE COMMUNICATIONS 45 OTHER CONSTRUCTION TRADES 46 MOTOR TRANSPORT OPERATORS 47 OTHER TRANSPORTATION OPERATORS 48 MATERIAL HANDLING EQUIPMENT OPERATORS 49 OTHER CRAFTS AND EQUIPMENT OPERATORS 50 NEVER WORKED 51 LAST WORKED MORE THAN 5 YEARS AGO, OR PERMANENTLY UNABLE TO WORK	7
** CONTINUED **					

## ADULT TRAINING SURVEY - MICRO FILE

FIELD	ACRONYM	LENGTH	POSITION	QUESTION AND VARIABLE DESCRIPTIONS	PAGE
39	DURUNEMP	2	0057-0058	DURATION OF UNEMPLOYMENT 00:53 NOTE: BASED ON RESPONSES ON THE F05	8
40	TENURE	1	0059	JOB TENURE BLANK 1 1-6 MONTHS 2 7-12 MONTHS 3 1-5 YEARS 4 6-10 YEARS 5 11-20 YEARS 6 OVER 20 YEARS NOTE: BASED ON RESPONSES ON THE F05	
41	DURNOJOB	1	0060	DURATION OF JOBLESSNESS BLANK 1 0-1 MONTH 2 1-3 MONTHS 3 4-6 MONTHS 4 7-12 MONTHS 5 13-24 MONTHS 6 2-5 YEARS 7 6-10 YEARS 8 OVER 10 YEARS NOTE: BASED ON RESPONSES ON THE F05	
42	DURLSTWK	1	0061	DURATION OF PREVIOUS JOB BLANK 1 NEVER WORKED 2 1-3 MONTHS 3 4-6 MONTHS 4 7-12 MONTHS 5 1-5 YEARS 6 OVER 5 YEARS NOTE: BASED ON RESPONSES ON THE F05	
43	FLOWS	1	0062	FLOWS INTO UNEMPLOYMENT BLANK 1 JOB LOSERS 2 JOB LEAVERS 3 NEW ENTRANTS 4 RE-ENTRANTS-ONE YEAR OR LESS 5 RE-ENTRANTS-GREATER THAN 1 YEAR NOTE: BASED ON RESPONSES ON THE F05	
44	FILLER	13	0063-0075	FILLER	

## ADULT TRAINING SURVEY - MICRO FILE

## FIELD ACRONYM LENGTH POSITION QUESTION AND VARIABLE DESCRIPTIONS

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## 45 HDAGE 1 0076 AGE OF HEAD OF HOUSEHOLD

1 15-16 YEARS  
2 17-19 YEARS  
3 20-24 YEARS  
4 25-34 YEARS  
5 35-44 YEARS  
6 45-54 YEARS  
7 55-64 YEARS  
8 65-69 YEARS  
9 70 YEARS AND OVER

NOTE: BASED ON RESPONSES ON THE F03

## 46 SPAGE 1 0077 AGE OF SPOUSE

0 NO SPOUSE PRESENT  
1 15-16 YEARS  
2 17-19 YEARS  
3 20-24 YEARS  
4 25-34 YEARS  
5 35-44 YEARS  
6 45-54 YEARS  
7 55-64 YEARS  
8 65-69 YEARS  
9 70 YEARS AND OVER

NOTE: BASED ON RESPONSES ON THE F03

## 47 FAMSIZE 1 0078 SIZE OF FAMILY

0:4

NOTE: BASED ON RESPONSES ON THE F03

## 48 OWNKIDS1 1 0079 NUMBER OF OWN CHILDREN: AGES 0-2 YRS.

0 NONE  
1 1 CHILD  
2 2 CHILDREN  
3 3 OR MORE CHILDREN

NOTE: BASED ON RESPONSES ON THE F03

## 49 OWNKIDS2 1 0080 NUMBER OF OWN CHILDREN: AGES 3-5 YRS.

0 NONE  
1 1 CHILD  
2 2 CHILDREN  
3 3 OR MORE CHILDREN

NOTE: BASED ON RESPONSES ON THE F03

## 50 OWNKIDS3 1 0081 NUMBER OF OWN CHILDREN: AGES 6-15 YRS.

0 NONE  
1 1 CHILD  
2 2 CHILDREN  
3 3 CHILDREN  
4 4 CHILDREN

## ADULT TRAINING SURVEY - MICRO FILE

FIELD	ACRONYM	LENGTH	POSITION	QUESTION AND VARIABLE DESCRIPTIONS	PAGE
50	OWNKIDS3	1	0081	NUMBER OF OWN CHILDREN: AGES 6-15 YRS. 5 OR MORE CHILDREN NOTE: BASED ON RESPONSES ON THE F03	** CONTINUED **
51	OWNKIDS4	1	0082	NUMBER OF OWN CHILDREN: AGES 16-24 YRS. 0 NONE 1 1 CHILD 2 2 CHILDREN 3 3 CHILDREN 4 4 CHILDREN 5 5 OR MORE CHILDREN NOTE: BASED ON RESPONSES ON THE F03	
52	OTHKIDS1	1	0083	NUMBER OF OTHER CHILDREN: AGES 0-15 YRS. 0 NONE 1 1 CHILD 2 2 CHILDREN 3 3 OR MORE CHILDREN NOTE: BASED ON RESPONSES ON THE F03	
53	OTHKIDS2	1	0084	NUMBER OF OTHER CHILDREN: AGES 16-24 YRS. 0 NONE 1 1 CHILD 2 2 CHILDREN 3 3 OR MORE CHILDREN NOTE: BASED ON RESPONSES ON THE F03	
54	KIDSATSH	1	0085	NUMBER OF CHILDREN AGES 16-24 ATTENDING SCHOOL 0 NONE 1 1 CHILD 2 2 CHILDREN 3 3 CHILDREN 4 4 CHILDREN NOTE: BASED ON RESPONSES ON THE F03	
55	HEADLFS	1	0086	LABOUR FORCE STATUS OF HEAD OF HOUSEHOLD 1 EMPLOYED FULL-TIME 2 EMPLOYED PART-TIME 3 UNEMPLOYED 4 NOT IN LABOUR FORCE 5 OUT OF SCOPE NOTE: BASED ON RESPONSES ON THE F03	
56	SPLFS	1	0087	LABOUR FORCE STATUS OF SPOUSE BLANK 1 EMPLOYED FULL-TIME 2 EMPLOYED PART-TIME 3 UNEMPLOYED 4 NOT IN LABOUR FORCE	

## ADULT TRAINING SURVEY -

## MICRO FILE

FIELD	ACRONYM	LENGTH	POSITION	QUESTION AND VARIABLE DESCRIPTIONS
56	SPLFS	1	0087	LABOUR FORCE STATUS OF SPOUSE 5 OUT OF SCOPE NOTE: BASED ON RESPONSES ON THE F05
57	EMPFAM	1	0088	NUMBER OF EMPLOYED FAMILY MEMBERS 0:7 NOTE: BASED ON RESPONSES ON THE F05
58	UNEMPFAM	1	0089	NUMBER OF UNEMPLOYED FAMILY MEMBERS 0:4 NOTE: BASED ON RESPONSES ON THE F05
59	EDHEAD	1	0090	EDUCATION OF HEAD OF HOUSEHOLD 1 0-8 YEARS 2 SOME SECONDARY 3 SOME POST-SECONDARY 4 CERTIFICATE OR DIPLOMA 5 UNIVERSITY DEGREE NOTE: BASED ON RESPONSES ON THE F03
60	EDSPOUSE	1	0091	EDUCATION OF SPOUSE BLANK 1 0-8 YEARS 2 SOME SECONDARY 3 SOME POST-SECONDARY 4 CERTIFICATE OR DIPLOMA 5 UNIVERSITY DEGREE NOTE: BASED ON RESPONSES ON THE F03
61	OCCHEAD	2	0092-0093	OCCUPATION OF HEAD OF HOUSEHOLD BLANK 01 MANAGERIAL, ADMINISTRATIVE 02 NATURAL SCIENCE 03 SOCIAL SCIENCE 04 RELIGION 05 TEACHING 06 MEDICINE 07 ARTISTIC 08 CLERICAL 09 SALES 10 SERVICE 11 FARMING 12 FISHING 13 FORESTRY 14 MINING 15 PROCESSING 16 MACHINING 17 FABRICATING 18 CONSTRUCTION

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\*\* CONTINUED \*\*

## ADULT TRAINING SURVEY - MICRO FILE

FIELD	ACRONYM	LENGTH	POSITION	QUESTION AND VARIABLE DESCRIPTIONS	PAGE
61	OCCHEAD	2	0092-0093	OCCUPATION OF HEAD OF HOUSEHOLD 19 TRANSPORTATION 20 MATERIALS HANDLING 21 OTHER CRAFTS 22 NEVER WORKED BEFORE 23 LAST WORKED MORE THAN 5 YEARS AGO 24 PERM. UNABLE TO WORK NOTE: BASED ON RESPONSES ON THE F05	12 ** CONTINUED **
62	OCCSPOUS	2	0094-0095	OCCUPATION OF SPOUSE BLANK 01 MANAGERIAL, ADMINISTRATIVE 02 NATURAL SCIENCE 03 SOCIAL SCIENCE 04 RELIGION 05 TEACHING 06 MEDICINE 07 ARTISTIC 08 CLERICAL 09 SALES 10 SERVICE 11 FARMING 12 FISHING 13 FORESTRY 14 MINING 15 PROCESSING 16 MACHINING 17 FABRICATING 18 CONSTRUCTION 19 TRANSPORTATION 20 MATERIALS HANDLING 21 OTHER CRAFTS 22 NEVER WORKED BEFORE 23 LAST WORKED MORE THAN 5 YEARS AGO 24 PERM. UNABLE TO WORK NOTE: BASED ON RESPONSES ON THE F05	
63	ATSQ10	1	0096	Q10. AT ANY TIME DURING 1984/85, WERE YOU A FULL TIME STUDENT FOR ONE MONTH OR MORE AT A COMMUNITY COLLEGE, CEGEP OR UNIVERSITY? 1 YES 2 NO NOTE: IF YES - GO TO Q13	
64	ATSQ11	1	0097	Q11. AT ANY TIME DURING 1984/85, WERE YOU A FULL TIME STUDENT FOR ONE MONTH OR MORE AT A TRADE OR VOCATIONAL SCHOOL, A TECHNICAL INSTITUTE OR OTHER SIMILAR SCHOOL? 1 YES	

## ADULT TRAINING SURVEY - MICRO FILE

FIELD	ACRONYM	LENGTH	POSITION	QUESTION AND VARIABLE DESCRIPTIONS	PAGE
64	ATSQ11	1	0097	Q11. AT ANY TIME DURING 1984/85, WERE YOU A FULL TIME STUDENT FOR ONE MONTH OR MORE AT A TRADE OR VOCATIONAL SCHOOL, A TECHNICAL INSTITUTE OR OTHER SIMILAR SCHOOL? 1 NO 2 YES 0 NOT APPLICABLE NOTE: IF YES - GO TO Q13	** CONTINUED **
65	ATSQ12	1	0098	Q12. AT ANY TIME DURING 1984/85, WERE YOU A FULL TIME STUDENT FOR ONE MONTH OR MORE FROM A COMMERCIAL TRAINING SCHOOL, A UNION, OR A PROFESSIONAL ORGANIZATION? 1 YES 2 NO 0 NOT APPLICABLE NOTE: IF NO - GO TO Q32 IN ORDER TO REACH THIS QUESTION, Q10 AND Q11 HAVE TO BE 'NO'. A 'NO' TO THIS QUESTION AS WELL INDICATES THAT RESPONDENT WAS NOT A FULL TIME STUDENT.	13
66	ATSQ13	1	0099	Q13. IN WHICH YEAR DID YOU ATTEND AS A FULL TIME STUDENT? 1 1984 2 1985 3 BOTH 1984 AND 1985 0 NOT APPLICABLE 9 NOT STATED	
67	ATSQ14	3	0100-0102	Q14. WHAT WAS THE LAST FULL TIME PROGRAM IN WHICH YOU WERE ENROLLED DURING 1984/85? NOTE: RESPONSE HAS BEEN CODED TO A 3 DIGIT CODE (SEE ATTACHED LIST)	
68	ATSQ15A	1	0103	Q15A. WHAT IS THE USUAL TIME REQUIRED TO COMPLETE THIS PROGRAM? 1:8 YEARS 0 NOT APPLICABLE 9 NOT STATED NOTE: RESPONDENT TO ANSWER Q15A OR Q15B	
69	ATSQ15B	2	0104-0105	Q15B. WHAT IS THE USUAL TIME REQUIRED TO COMPLETE THIS PROGRAM? 01:54 MONTHS 00 NOT APPLICABLE 99 NOT STATED NOTE: RESPONDENT TO ANSWER Q15A OR Q15B	

## ADULT TRAINING SURVEY - MICRO FILE

FIELD	ACRONYM	LENGTH	POSITION	QUESTION AND VARIABLE DESCRIPTIONS	PAGE
70	ATSQ16	1	0106	Q16. WHO ORGANIZED THIS PROGRAM? 1 A UNIVERSITY 2 A COMMUNITY COLLEGE, TECHNICAL INST. ETC. 3 A VOCATIONAL OR TRADE SCHOOL 4 A UNION OR PROFESSIONAL ORGANIZATION 5 A PRIVATE OR COMMERCIAL SCHOOL 6 OTHER 0 NOT APPLICABLE 9 NOT STATED	14
71	ATSQ17	1	0107	Q17. WERE YOU SPONSORED OR FINANCED IN THIS PROGRAM THROUGH A GOVERNMENT MANPOWER TRAINING PROGRAM? 1 YES 2 NO 0 NOT APPLICABLE NOTE: IF 'UNIVERSITY' GO TO Q21	
72	ATSQ18	1	0108	Q18. WAS THIS A CANADA MANPOWER TRAINING PROGRAM? 1 YES 2 NO 0 NOT APPLICABLE 9 NOT STATED	
73	ATSQ19	1	0109	Q19. DID YOU REGISTER FOR THIS PROGRAM AT A CANADA EMPLOYMENT CENTRE? 1 YES 2 NO 0 NOT APPLICABLE 9 NOT STATED	
74	ATSQ20	1	0110	Q20. DID YOU RECEIVE ANY TRAINING ALLOWANCES OR OTHER FINANCIAL ASSISTANCE FROM EMPLOYMENT AND IMMIGRATION CANADA? 1 YES 2 NO 0 NOT APPLICABLE 9 NOT STATED	
75	ATSQ21	1	0111	Q21. WAS THERE ANY TUITION FEE FOR THIS PROGRAM? 1 YES 2 NO 0 NOT APPLICABLE NOTE: IF NO GO TO Q23	

## ADULT TRAINING SURVEY - MICRO FILE

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FIELD	ACRONYM	LENGTH	POSITION	QUESTION AND VARIABLE DESCRIPTIONS
76	ATSQ22	1	0112	Q22. WHO PAID THE TUITION FOR THIS PROGRAM? 1 SELF OR FAMILY 2 EMPLOYER 3 OTHER 0 NOT APPLICABLE 9 NOT STATED
77	ATSQ23	1	0113	Q23. WHAT WAS THE MOST IMPORTANT REASON WHY YOU TOOK THIS PROGRAM? 1 TO IMPROVE JOB OPPORTUNITIES/FOR CAREER DEVELOPMENT 2 FOR PERSONAL INTEREST 3 TO INCREASE EARNINGS 4 TO IMPROVE JOB RELATED SKILLS 0 NOT APPLICABLE 9 NOT STATED
78	ATSQ24A	2	0114-0115	Q24. WHEN DID YOU FIRST START THIS PROGRAM? 01:12 MONTH 00 NOT APPLICABLE 99 NOT STATED
79	ATSQ24B	2	0116-0117	45:85 YEAR 00 NOT APPLICABLE 99 NOT STATED
80	ATSQ25	1	0118	Q25. WHAT WAS YOUR MAIN ACTIVITY DURING THE SIX MONTHS PRIOR TO ENTERING THIS PROGRAM? 1 WITHOUT A JOB BUT ACTIVELY LOOKING FOR WORK 2 EMPLOYED FULL TIME (30+ HOURS PER WEEK) 3 EMPLOYED PART TIME 4 WITHOUT A JOB AND NOT LOOKING FOR WORK 0 NOT APPLICABLE 9 NOT STATED
81	ATSQ26	1	0119	Q26. SINCE STARTING THIS PROGRAM, DID YOU LEAVE OR STOP TAKING IT FOR 12 MONTHS OR MORE? 1 YES 2 NO 0 NOT APPLICABLE NOTE: IF NO GO TO Q28

## ADULT TRAINING SURVEY - MICRO FILE

FIELD	ACRONYM	LENGTH	POSITION	QUESTION AND VARIABLE DESCRIPTIONS
82	ATSQ27A	2	0120-0121	Q27. WHEN DID YOU RE-ENTER THIS PROGRAM? 01:12 MONTH 00 NOT APPLICABLE 99 NOT STATED
83	ATSQ27B	2	0122-0123	62:85 YEAR 00 NOT APPLICABLE 99 NOT STATED
84	ATSQ27C	1	0124	1 DID NOT RE-ENTER 0 NOT APPLICABLE NOTE: IF THIS PART IS ANSWERED GO TO Q29
85	ATSQ28	1	0125	Q28. ARE YOU STILL TAKING THIS PROGRAM? 1 YES 2 NO 0 NOT APPLICABLE
86	ATSQ29A	2	0126-0127	Q29. WHEN DID YOU LEAVE THIS PROGRAM? 01:12 MONTH 00 NOT APPLICABLE 99 NOT STATED
87	ATSQ29B	2	0128-0129	84:86 YEAR 00 NOT APPLICABLE 99 NOT STATED
88	ATSQ30	1	0130	Q30. DID YOU SUCESSFULLY COMPLETE THIS PROGRAM? 1 YES 2 NO 0 NOT APPLICABLE 9 NOT STATED
89	ATSQ31	1	0131	Q31. AT ANY TIME DURING THE 12 MONTHS PRIOR TO STARTING THIS PROGRAM, WERE YOU ENROLLED FULL TIME IN A SECONDARY SCHOOL, A COLLEGE OR UNIVERSITY? 1 YES 2 NO 0 NOT APPLICABLE

## ADULT TRAINING SURVEY - MICRO FILE

FIELD	ACRONYM	LENGTH	POSITION	QUESTION AND VARIABLE DESCRIPTIONS	PAGE
89	ATSQ31	1	0131	Q31. AT ANY TIME DURING THE 12 MONTHS PRIOR TO STARTING THIS PROGRAM, WERE YOU ENROLLED FULL TIME IN A SECONDARY SCHOOL, A COLLEGE OR UNIVERSITY? 9 NOT STATED	17 ** CONTINUED **
90	ATSQ32	1	0132	Q32. AT ANY TIME DURING 1984 OR 1985 WERE YOU REGISTERED IN A FULL TIME APPRENTICESHIP TRAINING PROGRAM WHICH LASTED ONE MONTH OR MORE? 1 YES 2 NO	
91	ATSQ33	1	0133	NOTE: IF NO GO TO Q46 Q33. IN WHICH YEAR WERE YOU REGISTERED IN THIS APPRENTICESHIP PROGRAM? 1 1984 2 1985 3 BOTH 1984 AND 1985 0 NOT APPLICABLE 9 NOT STATED	
92	ATSQ34	3	0134-0136	Q34. WHAT WAS THE LAST APPRENTICESHIP PROGRAM IN WHICH YOU WERE REGISTERED? NOTE: RESPONDENT HAS BEEN CODED TO A 3 DIGIT CODE (SEE ATTACHED LIST)	
93	ATSQ35A	1	0137	Q35. WHAT IS THE USUAL TIME REQUIRED TO COMPLETE THIS PROGRAM? 1:5 YEARS 0 NOT APPLICABLE 9 NOT STATED NOTE: RESPONDENT TO ANSWER Q35A OR Q35B	
94	ATSQ35B	2	0138-0139	01:32 MONTHS 00 NOT APPLICABLE 99 NOT STATED NOTE: RESPONDENT TO ANSWER Q35A OR Q35B	
95	ATSQ36A	2	0140-0141	Q36. WHEN DID YOU FIRST START OR ENTER THIS PROGRAM 01:12 MONTH 00 NOT APPLICABLE 99 NOT STATED	

## ADULT TRAINING SURVEY - MICRO FILE

FIELD	ACRONYM	LENGTH	POSITION	QUESTION AND VARIABLE DESCRIPTIONS
96	ATSQ36B	2	0142-0143	55:85 YEAR 00 NOT APPLICABLE 99 NOT STATED

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97	ATSQ37	1	0144	Q37. WHAT WERE YOU MAINLY DOING DURING THE SIX MONTHS PRIOR TO ENTERING THIS APPRENTICESHIP PROGRAM? 1 WITHOUT A JOB AND LOOKING FOR WORK 2 EMPLOYED FULL TIME (30+ HRS PER WEEK) 3 EMPLOYED PART TIME 4 WITHOUT A JOB AND NOT LOOKING FOR WORK 0 NOT APPLICABLE 9 NOT STATED
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98	ATSQ38	1	0145	Q38. INTERVIEWER CHECK ITEM 1 EMPLOYED FULL OR PART TIME 2 NOT EMPLOYED 0 NOT APPLICABLE NOTE: IF 'EMPLOYED' GO TO Q39 IF 'NOT EMPLOYED' GO TO Q42
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99	ATSQ39	1	0146	Q39. WHEN YOU WERE REGISTERED IN THIS PROGRAM, HOW MANY PERSONS WERE EMPLOYED AT THE LOCATION WHERE YOU WORKED? 1 LESS THAN 20 2 21 TO 99 3 100 TO 499 4 500 OR OVER 5 DON'T KNOW 0 NOT APPLICABLE 9 NOT STATED NOTE: IF '500 OR OVER' OR 'DON'T KNOW' GO TO Q42
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100	ATSQ40	1	0147	Q40. DID YOUR EMPLOYER OPERATE AT MORE THAN ONE LOCATION IN CANADA? 1 YES 2 NO 0 NOT APPLICABLE NOTE: IF NO GO TO Q42
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101	ATSQ41	1	0148	Q41. IN TOTAL, HOW MANY PERSONS WERE EMPLOYED AT ALL LOCATIONS IN CANADA? 1 LESS THAN 20 2 21 TO 99 3 100 TO 499 4 500 OR OVER
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## ADULT TRAINING SURVEY - MICRO FILE

FIELD	ACRONYM	LENGTH	POSITION	QUESTION AND VARIABLE DESCRIPTIONS	PAGE
101	ATSQ41	1	0148	Q41. IN TOTAL, HOW MANY PERSONS WERE EMPLOYED AT ALL LOCATIONS IN CANADA? 5 DON'T KNOW 0 NOT APPLICABLE	19 ** CONTINUED **
102	ATSQ42	2	0149-0150	Q42. WHEN YOU STARTED THIS PROGRAM, HOW LONG HAD YOU BEEN WORKING FOR THIS EMPLOYER? 00 LESS THAN ONE YEAR 01:18 YEARS 98 NOT APPLICABLE 99 NOT STATED	
103	ATSQ43	1	0151	Q43. ARE YOU STILL TAKING THIS PROGRAM? 1 YES 2 NO 0 NOT APPLICABLE 9 NOT STATED	
104	ATSQ44A	2	0152-0153	Q44. WHEN DID YOU LEAVE THIS PROGRAM? 01:12 MONTH 00 NOT APPLICABLE 99 NOT STATED	
105	ATSQ44B	2	0154-0155	84:86 YEAR 00 NOT APPLICABLE 99 NOT STATED	
106	ATSQ45	1	0156	Q45. DID YOU SUCESSFULLY COMPLETE THIS PROGRAM? 1 YES 2 NO 0 NOT APPLICABLE 9 NOT STATED	
107	ATSQ46	1	0157	Q46. EXCLUDING APPRENTICESHIP TRAINING, AT ANY TIME DURING 1984/85 DID YOU TAKE A FULL TIME TRAINING COURSE ORGANIZED BY YOUR EMPLOYER WHICH LASTED ONE MONTH OR MORE? 1 YES 2 NO NOTE: IF NO GO TO Q59	

## ADULT TRAINING SURVEY - MICRO FILE

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FIELD	ACRONYM	LENGTH	POSITION	QUESTION AND VARIABLE DESCRIPTIONS
108	ATSQ47	1	0158	Q47. IN WHICH YEAR DID YOU TAKE THIS COURSE? 1 1984 2 1985 3 BOTH 1984 AND 1985 0 NOT APPLICABLE 9 NOT STATED
* 109	ATSQ48	3	0159-0161	Q48. WHAT WAS THE LAST COURSE TAKEN WHICH WAS ORGANIZED BY YOUR EMPLOYER? NOTE: RESPONSE HAS BEEN CODED TO A 3 DIGIT CODE (SEE ATTACHED LIST)
110	ATSQ49A	1	0162	Q49. WHAT IS THE USUAL TIME REQUIRED TO COMPLETE THIS PROGRAM? 1:8 YEARS 0 NOT APPLICABLE 9 NOT STATED
111	ATSQ49B	2	0163-0164	01:36 MONTHS 00 NOT APPLICABLE 99 NOT STATED
112	ATSQ50	1	0165	Q50. INTERVIEWER CHECK ITEM 1 COURSE TAKEN ONLY IN 1984 2 COURSE TAKEN IN 1984 AND/OR 1985 0 NOT APPLICABLE NOTE: IF 1984 GO TO Q53 IF 1984 AND/OR 1985 GO TO 51
113	ATSQ51	2	0166-0167	Q51. USUALLY, HOW MANY HOURS OF INSTRUCTION WERE THERE EACH WEEK FOR THIS COURSE IN 1985? 01:40 HOURS 00 NOT APPLICABLE 99 NOT STATED
114	ATSQ52	2	0168-0169	Q52. HOW MANY WEEKS DID THE COURSE LAST IN 1985? 04:52 WEEKS 00 NOT APPLICABLE 99 NOT STATED

## ADULT TRAINING SURVEY - MICRO FILE

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FIELD	ACRONYM	LENGTH	POSITION	QUESTION AND VARIABLE DESCRIPTIONS
115	ATSQ53	1	0170	Q53. WHEN YOU WERE ENROLLED IN THIS COURSE, HOW MANY PERSONS WERE EMPLOYED AT THE LOCATION WHERE YOU WORKED? 1 LESS THAN 20 2 21 TO 99 3 100 TO 499 4 500 OR OVER 5 DON'T KNOW 0 NOT APPLICABLE 9 NOT STATED NOTE: IF '500 OR OVER' OR 'DON'T KNOW' GO TO Q56
116	ATSQ54	1	0171	Q54. DID YOUR EMPLOYER OPERATE AT MORE THAN ONE LOCATION IN CANADA? 1 YES 2 NO 0 NOT APPLICABLE NOTE: IF NO GO TO Q56
117	ATSQ55	1	0172	Q55. IN TOTAL, HOW MANY PERSONS WERE EMPLOYED AT ALL LOCATIONS IN CANADA? 1 LESS THAN 20 2 21 TO 99 3 100 TO 499 4 500 OR OVER 5 DON'T KNOW 0 NOT APPLICABLE
118	ATSQ56	2	0173-0174	Q56. WHEN YOU TOOK THIS COURSE, HOW LONG HAD YOU BEEN WORKING FOR THIS EMPLOYER? 00 LESS THAN ONE YEAR 01-27 YEARS 98 NOT APPLICABLE 99 NOT STATED
119	ATSQ57	1	0175	Q57. ARE YOU STILL TAKING THIS COURSE? 1 YES 2 NO 0 NOT APPLICABLE 9 NOT STATED NOTE: IF YES GO TO Q59
120	ATSQ58	1	0176	Q58. DID YOU SUCCESSFULLY COMPLETE THIS COURSE? 1 YES 2 NO 0 NOT APPLICABLE 9 NOT STATED

## ADULT TRAINING SURVEY - MICRO FILE

FIELD	ACRONYM	LENGTH	POSITION	QUESTION AND VARIABLE DESCRIPTIONS	PAGE
121	ATSQ59A	1	0177	Q59A. AT ANY TIME DURING 1984/85, DID YOU TAKE ANY COURSES FULL TIME WHICH LASTED LESS THAN ONE MONTH? 1 YES 2 NO NOTE: IF YES GO TO Q59B	22
122	ATSQ59B	2	0178-0179	Q59B. HOW MANY OF THESE DID YOU TAKE? 01:45 00 NOT APPLICABLE 99 NOT STATED	
123	ATSQ60A	1	0180	Q60A. AT ANY TIME DURING 1984/85, DID YOU TAKE ANY PART TIME COURSES? 1 YES 2 NO NOTE: IF YES GO TO Q60B	
124	ATSQ60B	2	0181-0182	Q60B. HOW MANY OF THESE DID YOU TAKE? 01:85 00 NOT APPLICABLE 99 NOT STATED	
125	ATSQ61	1	0183	Q61. INTERVIEWER CHECK ITEM 1 TOOK A SHORT TERM COURSE 2 DID NOT TAKE A SHORT TERM COURSE NOTE: IF SHORT TERM GO TO Q62 IF NOT A SHORT TERM GO TO Q79	
126	ATSQ62	3	0184-0186	Q62. WHAT WAS THE LAST SHORT TERM COURSE THAT YOU TOOK DURING 1984/85? NOTE: RESPONSE HAS BEEN CODED TO A 3 DIGIT CODE (SEE ATTACHED LIST)	
127	ATSQ63	1	0187	Q63. IN WHICH YEAR DID YOU TAKE THIS COURSE? 1 1984 2 1985 3 BOTH 1984 AND 1985 0 NOT APPLICABLE 9 NOT STATED	
128	ATSQ64	1	0188	Q64. INTERVIEWER CHECK ITEM 0 NOT APPLICABLE 1 COURSE TAKEN ONLY IN 1984 2 COURSE TAKEN IN 1984 AND/OR 1985 NOTE: IF 1984 GO TO Q62 IF 1984 AND/OR 1985 GO TO Q79	

## ADULT TRAINING SURVEY - MICRO FILE

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## QUESTION AND VARIABLE DESCRIPTIONS

Q65. USUALLY, HOW MANY HOURS OF INSTRUCTION WERE THERE EACH WEEK FOR THIS COURSE IN 1985?

- 01:40 HOURS
- 00 NOT APPLICABLE
- 99 NOT STATED

Q66. HOW MANY WEEKS DID THE COURSE LAST IN 1985?

- 01:52 WEEKS
- 00 NOT APPLICABLE
- 99 NOT STATED

Q67. WHO ORGANIZED THIS COURSE?

- 1 AN EMPLOYER
- 2 A UNIVERSITY
- 3 A PUBLIC/COMMUNITY COLLEGE ETC.
- 4 A VOCATIONAL SCHOOL
- 5 A UNION OR PROFESSIONAL ORGANIZATION
- 6 A PRIVATE OR COMMERCIAL SCHOOL
- 7 OTHER
- 0 NOT APPLICABLE
- 9 NOT STATED

NOTE: IF 'AN EMPLOYER'  
NOTES: IF 'AN EMPLOYER'  
OTHERWISE FOR ALL OTHERS GO TO Q68

Q68. WHEN YOU TOOK THIS COURSE, HOW LONG HAD YOU BEEN WORKING FOR THIS EMPLOYER?

- 00 LESS THAN ONE YEAR
- 01:46 YEARS
- 98 NOT APPLICABLE
- 99 NOT STATED

0196

Q69. WAS THE TRAINING DONE ENTIRELY IN A CLASSROOM SETTING OR WAS THERE AN ON-THE-JOB COMPONENT TO THE TRAINING?

- 1 CLASSROOM TRAINING ONLY
- 2 CLASSROOM AND ON-THE-JOB TRAINING
- 0 NOT APPLICABLE
- 9 NOT STATED

Q70. WAS THERE ANY TUITION FEES FOR THIS COURSE?

- 1 YES
- 2 NO
- 0 NOT APPLICABLE
- NOTE: IF NO GO TO Q72

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## ADULT TRAINING SURVEY - MICRO FILE

FIELD	ACRONYM	LENGTH	POSITION	QUESTION AND VARIABLE DESCRIPTIONS	PAGE
135	ATSQ71	1	0198	Q71. WHO PAID THE TUITION FEE FOR THIS COURSE? 1 SELF OR FAMILY 2 EMPLOYER 3 OTHER 0 NOT APPLICABLE 9 NOT STATED	24
136	ATSQ72	1	0199	Q72. WHAT WAS THE MOST IMPORTANT REASON WHY YOU TOOK THIS SHORT TERM COURSE? 1 TO IMPROVE JOB OPPORTUNITIES/CAREER DEVELOPMENT 2 FOR PERSONAL INTEREST 3 TO INCREASE EARNINGS 4 TO IMPROVE JOB RELATED SKILLS 0 NOT APPLICABLE 9 NOT STATED	
137	ATSQ73	1	0200	Q73. DID YOU SUCCESSFULLY COMPLETE THIS COURSE? 1 YES 2 NO 3 STILL TAKING COURSE 0 NOT APPLICABLE 9 NOT STATED	
138	ATSQ74	1	0201	Q74. WHAT WAS YOUR MAIN ACTIVITY DURING THE SIX MONTHS PRIOR TO STARTING THIS COURSE? 1 WITHOUT A JOB BUT LOOKING FOR ONE 2 EMPLOYED FULL TIME (30+ HRS PER WEEK) 3 EMPLOYED PART TIME 4 WITHOUT A JOB AND NOT LOOKING 0 NOT APPLICABLE 9 NOT STATED	
139	ATSQ75	1	0202	Q75. INTERVIEWER CHECK ITEM 1 EMPLOYED 2 NOT EMPLOYED 0 NOT APPLICABLE NOTE: IF 'EMPLOYED' GO TO Q76 IF 'NOT EMPLOYED' GO TO Q79	
140	ATSQ76	1	0203	Q76. WHEN YOU WERE ENROLLED IN THIS COURSE, HOW MANY PERSONS WERE EMPLOYED AT THE LOCATION WHERE YOU WORKED? 1 LESS THAN 20 2 21 TO 99 3 100 TO 499	

## ADULT TRAINING SURVEY - MICRO FILE

FIELD	ACRONYM	LENGTH	POSITION	QUESTION AND VARIABLE DESCRIPTIONS	PAGE
140	ATSQ76	1	0203	Q76. WHEN YOU WERE ENROLLED IN THIS COURSE, HOW MANY PERSONS WERE EMPLOYED AT THE LOCATION WHERE YOU WORKED? 4 500 OR OVER 5 DON'T KNOW 0 NOT APPLICABLE 9 NOT STATED	25 ** CONTINUED **
141	ATSQ77	1	0204	NOTE: IF '500 OR OVER' OR 'DON'T KNOW' GO TO Q79 Q77. DID YOUR EMPLOYER OPERATE AT MORE THAN ONE LOCATION IN CANADA? 1 YES 2 NO 0 NOT APPLICABLE NOTE: IF NO GO TO Q79	
142	ATSQ78	1	0205	Q78. IN TOTAL HOW MANY PERSONS WERE EMPLOYED AT ALL LOCATIONS IN CANADA? 1 LESS THAN 20 2 21 TO 99 3 100 TO 499 4 500 OR OVER 5 DON'T KNOW 0 NOT APPLICABLE 9 NOT STATED	
143	ATSQ79	1	0206	Q79. INTERVIEWER CHECK ITEM 1 CIRCLE 1 MARKED IN ANY OF Q32, Q46, Q61 2 CIRCLE 1 NOT MARKED IN ANY OF Q32, Q46, Q61 NOTE: IF CODE 1 GO TO Q86 IF CODE 2 GO TO Q80	
144	ATSQ80	1	0207	Q80. DURING 1984, DID YOU DO ANY WORK AT ALL AT A JOB OR BUSINESS? 1 YES 2 NO 0 NOT APPLICABLE NOTE: IF NO GO TO Q85	
145	ATSQ81	1	0208	Q81. WAS THIS WORK FULL TIME OR PART TIME? 1 ENTIRELY FULL TIME (30+ HRS PER WEEK) 2 ENTIRELY PART TIME 3 SOME FULL TIME AND SOME PART TIME 0 NOT APPLICABLE 9 NOT STATED	

## ADULT TRAINING SURVEY - MICRO FILE

FIELD	ACRONYM	LENGTH	POSITION	QUESTION AND VARIABLE DESCRIPTIONS	PAGE
146	ATSQ82	1	0209	Q82. HOW MANY PERSONS WERE EMPLOYED AT THE LOCATION WHERE YOU WORKED? 1 LESS THAN 20 2 21 TO 99 3 100 TO 499 4 500 OR OVER 5 DON'T KNOW 0 NOT APPLICABLE 9 NOT STATED	26
147	ATSQ83	1	0210	Q83. DID YOUR EMPLOYER OPERATE AT MORE THAN ONE LOCATION IN CANADA? 1 YES 2 NO 0 NOT APPLICABLE NOTE: IF '500 OR OVER' OR 'DON'T KNOW' GO TO Q85	
148	ATSQ84	1	0211	Q84. IN TOTAL HOW MANY PERSONS WERE EMPLOYED AT ALL LOCATIONS IN CANADA? 1 LESS THAN 20 2 21 TO 99 3 100 TO 499 4 500 OR OVER 5 DON'T KNOW 0 NOT APPLICABLE 9 NOT STATED	
149	ATSQ85	1	0212	Q85. WHAT WAS YOUR MAIN ACTIVITY DURING THE SIX MONTHS FROM APRIL TO SEPTEMBER 1985? 1 WITHOUT A JOB BUT LOOKING FOR ONE 2 EMPLOYED FULL TIME (30+ HRS PER WEEK) 3 EMPLOYED PART TIME 4 WITHOUT A JOB AND NOT LOOKING 0 NOT APPLICABLE 9 NOT STATED	
150	DVAPRNSZ	1	0213	DERIVED VARIABLE - DVAPRNSZ. COMPARES Q.39 AND Q.41 FOR SIZE OF EMPLOYER'S FIRM PROVIDING APPRENTICESHIP PROGRAMS. 1 FIRM EMPLOYS < 20 EMPLOYEES 2 FIRM EMPLOYS 21-99 EMPLOYEES 3 FIRM EMPLOYS 100-499 EMPLOYEES 4 FIRM EMPLOYS > 500 EMPLOYEES 5 DON'T KNOW FIRM SIZE 9 FIRM SIZE NOT STATED 0 NOT APPLICABLE	

## ADULT TRAINING SURVEY - MICRO FILE

FIELD	ACRONYM	LENGTH	POSITION	QUESTION AND VARIABLE DESCRIPTIONS
151	DVCRSIZE	1	0214	DERIVED VARIABLE - DVCRSIZE. COMPARES Q.53 AND Q.55 FOR SIZE OF EMPLOYER'S FIRM PROVIDING COURSES LONGER THAN ONE MONTH. 1 FIRM EMPLOYS < 20 EMPLOYEES 2 FIRM EMPLOYS 21-99 EMPLOYEES 3 FIRM EMPLOYS 100-499 EMPLOYEES 4 FIRM EMPLOYS >= 500 EMPLOYEES 5 DON'T KNOW FIRM SIZE 9 FIRM SIZE NOT STATED 0 NOT APPLICABLE
152	DVSRTMSZ	1	0215	DERIVED VARIABLE - DVSRTMSZ. COMPARES Q.76 AND Q.78 FOR SIZE OF EMPLOYER'S FIRM PROVIDING SHORT TERM COURSES LESS THAN ONE MONTH. 1 FIRM EMPLOYS < 20 EMPLOYEES 2 FIRM EMPLOYS 21-99 EMPLOYEES 3 FIRM EMPLOYS 100-499 EMPLOYEES 4 FIRM EMPLOYS >= 500 EMPLOYEES 5 DON'T KNOW FIRM SIZE 9 FIRM SIZE NOT STATED 0 NOT APPLICABLE
153	DVFIRMSZ	1	0216	DERIVED VARIABLE - DVFIRMSZ. COMPARES Q.82 AND Q.84 FOR SIZE OF EMPLOYER'S FIRM 1 FIRM EMPLOYS < 20 EMPLOYEES 2 FIRM EMPLOYS 21-99 EMPLOYEES 3 FIRM EMPLOYS 100-499 EMPLOYEES 4 FIRM EMPLOYS >= 500 EMPLOYEES 5 DON'T KNOW FIRM SIZE 9 FIRM SIZE NOT STATED 0 NOT APPLICABLE
154	DVPROXY	1	0217	PROXY RESPONSE CODE 1 NON-PROXY 2 PROXY 9 NOT STATED
155	RETURNEE	1	0218	DERIVED VARIABLE FOR STUDENTS RETURNING FOR A NON-PERSONAL LONG TERM COURSE 1 RETURNING STUDENT 0 ALL OTHERS

## ADULT TRAINING SURVEY - MICRO FILE

FIELD	ACRONYM	LENGTH	POSITION	QUESTION AND VARIABLE DESCRIPTIONS
156	SRTMRET	1	0219	DERIVED VARIABLE FOR STUDENTS RETURNING FOR A NON-PERSONAL SHORT-TERM COURSE 1 SHORT TERM STUDENT 0 ALL OTHERS
157	WEIGHT	9	0220-0228	FINAL WEIGHT STORED AS 5.4

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## **WEIGHTING PROCEDURES**



## **Weighting Procedures**

Since the Adult Training Survey used a subsample of the LFS sample, the derivation of weights for the survey records for the year is clearly tied to the weighting procedure used for the LFS. The LFS weighting procedure is briefly described below.

### **LFS Weighting**

In the LFS, the final weight attached to each record is the product of the following factors: the basic weight, the cluster sub-weight, the balancing factor for non-response, the rural-urban factor and the province-age-sex ratio adjustment factor. Each is described below.

#### **Basic Weight**

In a probability sample, the sample design itself determines weights which must be used to produce unbiased estimates of the population. Each record must be weighted by the inverse of the probability of selecting the person to whom the record refers. In the example of a 2% simple random sample, this probability would be .02 for each person and the records must be weighted by  $1/.02=50$ . Because all eligible individuals in a dwelling are interviewed (directly or by proxy), this probability is essentially the same as the probability with which the dwelling is selected.

#### **Cluster Sub-weight**

The cluster delineation is such that the number of dwellings in the sample increases very slightly with moderate growth in the housing stock. Substantial growth can be tolerated in an isolated cluster before the additional sample represents a field collection problem. However, if growth takes place in more than one cluster in an interviewer assignment, the cumulative effect of all increases may create a workload problem. In clusters where substantial growth has taken place, sub-sampling is used as a means of keeping interviewer assignments manageable. The cluster sub-weight represents the inverse of this sub-sampling ratio in clusters where sub-sampling has occurred.

#### **Non-response**

Notwithstanding the strict controls of the LFS, some non-response is inevitable, despite all the attempts made by the interviewers. The LFS non-response rate is approximately 5%. For certain types of non-response (household temporarily absent, refusal), data from a previous month's interview with the household if any, is brought forward and used as the current month's data for the household.

In other cases, non-response is compensated for by proportionally increasing the weights of responding households. The weight of each responding record is increased by the ratio of the number of households that should have been interviewed, divided by the number that were actually interviewed. This adjustment is done separately for geographic areas called balancing units. It is based on the assumption that the households that have been interviewed represent the characteristics of those that should have been interviewed. To the extent that this assumption is not true, the estimates will be somewhat biased.

#### Rural-urban Factor

In NSRUs without sufficient rural and urban population for explicit urban and rural strata to be formed, each primary sampling unit (PSU) is composed of both urban and rural parts. Information concerning the total population in rural and urban areas is available from the 1981 Census for each PSU as well as for each economic region (ER) in which explicit urban/rural stratification is not done. Comparison by ER with the actual 1981 rural or urban census counts indicates whether the selected PSUs over- or under-represent the respective areas. The ratio of actual rural-urban counts is divided by the corresponding estimates. These two factors are computed for each relevant ER at the time of selection of the PSUs and are entered on each sample record according to the appropriate area (rural or urban) of the NSRU. Changes in these factors are incorporated at the time of PSU rotations.

#### Subprovincial and Province-Age-Sex Adjustments

By applying the previously described weighting factors (sub-weight), a valid estimate can be derived for any characteristic for which information is collected by the LFS. In particular, estimates are produced of the total number of persons 15+ in provincial economic regions and the 24 large metropolitan areas as well as of designated age-sex groups in each of the ten provinces.

Independent estimates are available monthly for various age and sex groups by province. These are population projections based on the most recent Census data, records of births and deaths, and estimates of migration. In the final step, this auxiliary information is used to transform the sub-weight into the final weight. This is done using a linear regression model. The regression is set up to ensure that the final weights it produces sum to the census projections for the auxiliary variables, namely various age-sex groups, economic regions and census metropolitan areas.

This weighting procedure ensures consistency with external Census counts, and also ensures that every member of the economic family is assigned the same weight.

### Weighting for the Adult Training Survey

The principals behind the calculation of the weights for the Adult Training Survey are identical to those for the LFS. However, four adjustments are made to the LFS weights in order to derive a final weight for the individual records on the this microdata file.

- (1) An adjustment to account for the use of a five-sixth sub-sample, instead of the full LFS sample.
- (2) An adjustment to account for the additional non-response to the Adult Training Survey i.e., non-response to the ATS for individuals which do respond to the LFS or for which previous month's LFS data is brought forward.
- (3) A readjustment to account for independent province-age-sex projections, after the above adjustments are made.
- (4) A readjustment to account for independent economic region - census metropolitan area projections, after the above adjustments are made.

Adjustments (1) and (2) are taken into account by multiplying the LFS sub-weight (i.e., the weight resulting from the first four LFS weighting factors) for each responding ATS record by:

$$\frac{\text{sum of LFS subweights of households considered responding to LFS}}{\text{sum of LFS subweights of households considered responding to the ATS.}}$$



## **EDUCATIONAL, RECREATIONAL AND COUNSELLING SERVICES**

- 000 NOT APPLICABLE
- 001 EDUCATION - GENERAL
- 002 ELEMENTARY - PRIMARY EDUCATION
- 003 SECONDARY EDUCATION
- 004 SPECIAL EDUCATION
- 005 COUNSELLING SERVICES, PERSONAL DEVELOPMENT AND NON-TEACHING EDUCATIONAL FIELDS
- 006 PHYSICAL EDUCATION, HEALTH AND RECREATION
- 007 OTHER EDUCATION

## **FINE AND APPLIED ARTS**

- 008 FINE ARTS
- 009 MUSIC
- 010 OTHER PERFORMING ARTS
- 011 COMMERCIAL, PROMOTIONAL, GRAPHIC AND AUDIO-VISUAL ARTS
- 012 CREATIVE AND DESIGN ARTS
- 013 OTHER APPLIED ARTS

## **HUMANITIES AND RELATED FIELDS**

- 014 CLASSICS, CLASSICAL AND DEAD LANGUAGES
- 015 HISTORY
- 016 LIBRARY AND RECORDS SCIENCE
- 017 MASS MEDIA STUDIES
- 018 LANGUAGES AND LITERATURE
- 019 PHILOSOPHY
- 020 RELIGIOUS STUDIES
- 021 OTHER HUMANITIES AND RELATED FIELDS

## **SOCIAL SCIENCES AND RELATED FIELDS**

- 022 ANTHROPOLOGY
- 023 ARCHEOLOGY
- 024 AREA STUDIES (NON LANGUAGES AND LITERATURE)
- 025 ECONOMICS
- 026 GEOGRAPHY
- 027 LAW AND JURISPRUDENCE
- 028 MAN/ENVIRONMENT STUDIES
- 029 POLITICAL SCIENCE
- 030 PSYCHOLOGY
- 031 SOCIOLOGY
- 032 SOCIAL WORK AND SOCIAL SERVICES
- 033 WAR AND MILITARY STUDIES
- 034 OTHER SOCIAL SCIENCES AND RELATED FIELDS

## **COMMERCE, MANAGEMENT AND BUSINESS ADMINISTRATION**

- 035 BUSINESS AND COMMERCE
- 036 FINANCIAL MANAGEMENT
- 037 INDUSTRIAL MANAGEMENT AND ADMINISTRATION
- 038 INSTITUTIONAL MANAGEMENT AND ADMINISTRATION
- 039 MARKETING, MERCHANDISING, RETAILING AND SALES
- 040 SECRETARIAL SCIENCE

## **AGRICULTURAL AND BIOLOGICAL SCIENCE/TECHNOLOGIES**

- 041 AGRICULTURAL SCIENCES AND TECHNOLOGIES
- 042 ANIMAL SCIENCE TECHNOLOGIES
- 043 BIOLOGY, BIOCHEMISTRY, AND BIOPHYSICS
- 044 BOTANY
- 045 HOUSEHOLD SCIENCE AND RELATED FIELDS
- 046 VETERINARY MEDICINE/SCIENCE
- 047 ZOOLOGY
- 048 OTHER AGRICULTURAL AND BIOLOGICAL SCIENCES/TECHNOLOGIES

## **ENGINEERING AND APPLIED SCIENCES**

- 049 ARCHITECTURE AND ARCHITECTURAL ENGINEERING
- 050 AERONAUTICAL AND AEROSPACE ENGINEERING
- 051 BIOLOGICAL AND CHEMICAL ENGINEERING
- 052 CIVIL ENGINEERING
- 053 DESIGN/SYSTEMS ENGINEERING
- 054 ELECTRICAL/ELECTRONIC ENGINEERING
- 055 INDUSTRIAL ENGINEERING
- 056 MECHANICAL ENGINEERING
- 057 MINING, METALLURGICAL AND PETROLEUM ENGINEERING
- 058 RESOURCES AND ENVIRONMENTAL ENGINEERING
- 059 ENGINEERING SCIENCE
- 060 FORESTRY
- 061 LANDSCAPE ARCHITECTURE

## **ENGINEERING AND APPLIED SCIENCE TECHNOLOGIES AND TRADES**

- 062 ARCHITECTURAL TECHNOLOGY
- 063 CHEMICAL TECHNOLOGY
- 064 BUILDING TECHNOLOGIES
- 065 DATA PROCESSING AND COMPUTER SCIENCE TECHNOLOGIES
- 066 ELECTRONIC AND ELECTRICAL TECHNOLOGIES
- 067 ENVIRONMENTAL AND CONSERVATION TECHNOLOGIES
- 068 GENERAL AND CIVIL ENGINEERING TECHNOLOGIES
- 069 INDUSTRIAL ENGINEERING TECHNOLOGIES
- 070 MECHANICAL ENGINEERING TECHNOLOGIES
- 071 PRIMARY INDUSTRIES/RESOURCE PROCESSING TECHNOLOGIES
- 072 TRANSPORTATION TECHNOLOGIES
- 073 OTHER ENGINEERING AND APPLIED SCIENCE TECHNOLOGIES

## HEALTH PROFESSIONS, SCIENCES AND TECHNOLOGIES

- 074 DENTISTRY
- 075 MEDICINE AND NON-SURGICAL MEDICAL SPECIALIZATIONS
- 076 PARACLINICAL SCIENCES
- 077 SURGERY AND SURGICAL SPECIALIZATIONS
- 078 NURSING AND NURSING ASSISTANCE
- 079 OPTOMETRY
- 080 PHARMACY AND PHARMACEUTICAL SCIENCES
- 081 PUBLIC HEALTH
- 082 REHABILITATION MEDICINE
- 083 MEDICAL LABORATORY, DIAGNOSTIC AND TREATMENT TECHNOLOGIES
- 084 MEDICAL EQUIPMENT AND PROSTHETICS
- 085 OTHER HEALTH PROFESSIONS, SCIENCES AND TECHNOLOGIES

## MATHEMATICS AND PHYSICAL SCIENCES

- 086 ACTUARIAL SCIENCES
- 087 APPLIED MATHEMATICS
- 088 CHEMISTRY
- 089 GEOLOGY AND RELATED FIELDS
- 090 MATHEMATICAL STATISTICS AND MATHEMATICS
- 091 METALLURGY AND MATERIALS SCIENCE
- 092 METEOROLOGY
- 093 OCEANOGRAPHY AND MARINE SCIENCES
- 094 PHYSICS
- 095 GENERAL SCIENCE

## OTHER COURSES

- 096 OTHER COURSES NOT ELSEWHERE CLASSIFIED
- 097 UPGRADING
- 098 PERSONAL DEVELOPMENT
- 099 RECREATIONAL ACTIVITY
- 999 NOT STATED

## **COMMERCE, MANAGEMENT AND BUSINESS ADMINISTRATION**

- 035 BUSINESS AND COMMERCE
- 036 FINANCIAL MANAGEMENT
- 037 INDUSTRIAL MANAGEMENT AND ADMINISTRATION
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- 073 OTHER ENGINEERING AND APPLIED SCIENCE TECHNOLOGIES