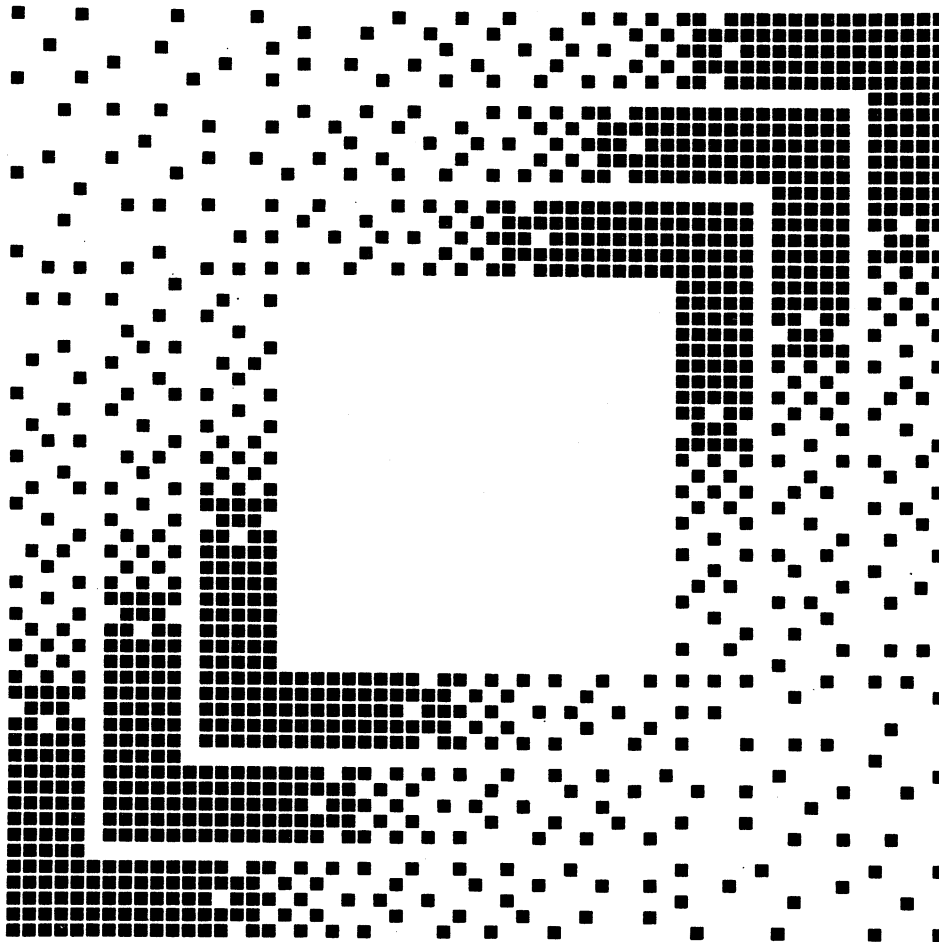


General Social Survey

EDUCATION AND WORK - 1989

Public Use Microdata File Documentation
and User's Guide



Statistics
Canada

Statistique
Canada

Canada

THE 1989 GENERAL SOCIAL SURVEY - CYCLE 4

EDUCATION AND WORK

**Public Use Microdata File Documentation
and User's Guide**

Également disponible en français

The General Social Survey - Cycle 4

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And User's Guide**

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1. INTRODUCTION

This package was designed to enable interested users to access and manipulate the microdata file for the fourth cycle of the General Social Survey, conducted in January and February 1989. It contains information on the objectives, methodology and estimation procedures as well as guidelines for releasing estimates based on the survey.

This document gives a description on how to correctly use the microdata files. Appendix D contains the data dictionary for the microdata file, the major part of this documentation package. The survey questionnaires are contained in Appendix B.

Excluding the survey questionnaires, this package is machine readable and can be found as a separate file following the data records.

2. OBJECTIVES

For some time, Statistics Canada has been aware of gaps in the national statistical information system with respect to data on socio-economic trends. These gaps cannot be filled through existing data sources or vehicles because of the level of detail required or the population to be covered.

The General Social Survey (GSS) gathers a variety of different kinds of data to meet different kinds of unmet needs, many with different audiences and relevant periodicities. GSS has two principal objectives: first, to gather data on social trends in order to monitor changes in Canadian society over time; and secondly, to provide information on specific policy issues of current or emerging interest. GSS is a continuing program with a single survey cycle each year.

To meet the stated objectives, the data collected by the GSS are made up of three components: Classification, Core and Focus.

Classification content consists of variables which provide the means of delineating population groups and for use in the analysis of Core and Focus data. Examples of classification variables are age, sex, education, and income.

Core content is intended to obtain information which monitors social trends or measures changes in society related to living conditions or well-being. Development of core content for the fourth cycle of the GSS was targeted at education and work.

Focus content is aimed at meeting the second objective of GSS, namely to provide information touching directly on a specific policy issue or social problem. In general, focus content, is not expected to be repeated on a periodic basis. There was no focus content for this cycle.

3. POPULATION

The target population for the GSS was all persons 15 years of age and older in Canada, excluding:

1. Residents of the Yukon and Northwest Territories;
2. Full-time residents of institutions.

The sampling method that was employed for the survey was Random Digit Dialling (RDD), a telephone sampling method. As a result, households without telephones were excluded, however persons living in such households represent less than 2% of the target population.

Survey estimates have been adjusted (weighted) to represent persons without telephones.

4. SURVEY DESIGN

The GSS employed two different Random Digit Dialling (RDD) sampling techniques. For Newfoundland, Nova Scotia, Ontario and Alberta the Elimination of Non-Working Banks method was used; a description of this procedure is provided in Section 4.3. For the remaining provinces, the Waksberg method was used; this procedure is described in Section 4.2. Stratification procedures used in the survey design are outlined in Section 4.1 and Section 4.4 discusses sample sizes.

4.1 STRATIFICATION

In order to carry out sampling, each of the ten provinces was divided into strata or geographic areas. Generally, for each province one stratum represented the Census Metropolitan Areas (CMAs) of the province and the other the non-CMA areas. Since Ontario and Saskatchewan are each sampled from two regional offices, more strata were included in the sample design for these areas. In addition, both Montreal and Toronto were separate strata.

4.2 WAKSBERG RDD DESIGN

| | |
|----------------------|------------------|
| Prince Edward Island | New Brunswick |
| Quebec | Manitoba |
| Saskatchewan | British Columbia |

The Waksberg Method is a Random Digit Dialling sampling technique which significantly reduces the cost of a survey as compared to dialling telephone numbers completely at random. The method employs a two-stage design which increases the likelihood of contacting households.

For each stratum within each province, an up-to-date list of all telephone area code and prefix number (first three digits of telephone

number) combinations was obtained. To these, all possible combinations of the next two digits were added (i.e., all possible banks of 100 consecutive numbers within existing area code - prefix combinations were identified). This resulted in a list of all the possible first eight digits of ten digit telephone numbers in each stratum. These eight digit numbers formed the first stage sampling units (i.e., were the Primary Sampling Units - PSUs).

Within each stratum, a random selection was made of one of these eight digit numbers and then the final two digits were generated at random. This number (called a Primary number) was called to determine whether or not it reached a household. If it did not reach a household (i.e. the number was not in use or was a business, institution, etc.), the number was dropped from further consideration. If it did reach a household, additional numbers referred to as secondary numbers were generated within the same bank (i.e. numbers with the same first eight digits as the primary number). These numbers were also called to determine whether or not they reached a household.

Secondary numbers were generated on a continuing basis until (i) five additional households were reached in each retained bank, (ii) the bank was exhausted or (iii) the survey period ended.

Primary numbers were generated continuously throughout the survey period in order to yield a predetermined required number of households within each stratum. An attempt was made to conduct an interview with a randomly selected respondent in all primary and secondary households reached.

This method is more efficient than 'pure' random digit dialling because secondary numbers are never generated for banks where the Primary number was not a household.

In provinces where the Waksberg method was used, around 57.1% of the secondary numbers called reached a household, while only 16.4% of the primary numbers called reached a household.

4.3 ELIMINATION OF NON-WORKING BANKS RDD DESIGN

| | |
|--------------|-------------|
| Newfoundland | Nova Scotia |
| Ontario | Alberta |

The Elimination of Non-Working Banks design is a form of Random Digit Dialling in which an attempt is made to identify all working banks for an area i.e. to identify all banks with at least one household. Thus, all telephone numbers within non-working banks are eliminated from the sampling frame.

For Newfoundland, lists of all banks that contained at least one household (e.g. all working banks) were provided by the provinces two telephone companies. For Nova Scotia and Ontario, lists of working banks were extracted from lists of all telephone numbers in use purchased from Maritime Telephone and Telegraph and Bell Canada. For Alberta, lists from Alberta Government Telephone and Edmonton Telephone were used to create a list of working banks. Each bank was assigned to a stratum within its province.

A special situation existed in Ontario because some small areas are serviced by independent phone companies, not Bell. The area code prefixes for these areas were identified by matching the Bell File with a file of all area codes and prefixes. Area code prefixes from Ontario not on the Bell file were identified. All banks within these area code prefixes were generated and added to the sampling frame. It would have been more effective to use the Waksberg method for these excluded areas, but the Waksberg method requires that an accurate population estimate be available for the survey area. Such an estimate was not available for the parts of Ontario not covered by Bell.

A random sample of telephone numbers was then generated for each stratum (from these working banks). An attempt was made to generate the entire sample of telephone numbers on the first day of interviewing. Therefore,

a prediction had to be made of the percentage of numbers dialled that would reach a household (this is what is known as the "hit rate"). The Hit Rate was estimated using information from previous RDD surveys.

As was done for the other provinces, an attempt was made to conduct a GSS interview with one randomly selected person from each household reached.

For the GSS in the ENWB provinces, around 51.5% of the numbers dialled reached households.

4.4 SAMPLE SIZES

For this Cycle of the General Social Survey, there was no additional sample.

The sample consisted of approximately 12,000 households. The GSS 4-1 was completed for each telephone number selected in the sample. It lists all household members, collecting basic demographic information, specifically: age, sex, marital status and relation to reference person. A respondent, 15 years of age or older was then randomly selected and a GSS 4-2 was completed for this person. The GSS 4-2 collected the following types of information: the respondent's educational background, both completed education (section A) and future plans (section E); the respondent's work history, before and after their education (sections D and C respectively), in 1984, in 1988 and last week (sections H, K and L) ; the respondent's opinions on science and technology and its effect on themselves (section F); the respondent's involvement in organizations (section M); the respondent's opinion on retirement (sections H, K and L); questions regarding the respondent's satisfaction with various aspects of their life (section N); and classification variables (section P). A response was obtained from 9,338 of these households.

5. COLLECTION

Two questionnaires were used to conduct the interviews: the Selection control form GSS 4-1, and the main questionnaire GSS 4-2. Respondents were interviewed in the official language of their choice. The French and English version of the main questionnaire are identical with the exception in question P16. Respondents being interviewed in English were not asked if they still understood English and similarly for the French interviews. Questionnaires and procedures were field tested in a pretest involving approximately 800 households in July and August 1988.

Telephone data collection took place during the period January 20th to February 28th, 1989. All telephone interviewing took place from centralized telephone facilities in Statistics Canada's regional offices with calls being made from approximately 9 a.m. until 9:30 p.m. Interviewers were trained by Statistics Canada staff in telephone interviewing techniques, survey concepts and procedures in a three and a half day classroom training session. The majority of interviewers had previous telephone interviewing experience.

It would have been too lengthy to include all the survey manuals as part of this documentation package but manuals can be purchased. Shown below is a list of the manuals used in the survey.

- GSS 4- 8: Interviewer's Manual.
- GSS 4- 9: Interviewer's Workbook.
- GSS 4-10: Interviewer's Training Guide.
- GSS 4-12: Procedures Manual.

6. PROCESSING

The following is an overview of the processing steps for Cycle 4 of the GSS.

6.1 Data Capture

Data from the survey questionnaires were entered directly into mini-computers in Statistics Canada's regional offices and transmitted to Ottawa. The data capture program allowed for a valid range of codes for each question and automatically followed the flow of the questionnaire. Operators were able to enter either invalid data or information that violated the questionnaire flow but only through the use of special functions after they had been alerted that the entry was not valid. No editing to check consistency between questions was done at this stage.

6.2 Edit and Imputation

All survey records were subjected to an exhaustive computer edit to identify and correct invalid or inconsistent information on the questionnaires. Records with missing or incorrect information were assigned non-response codes or corrected from other information from the respondent's questionnaire. In most cases, editing was 'bottom-up' meaning that specific related information following a question with a branching pattern was employed to ensure the branching was correct. For example, question E1 of the "Education and Work Questionnaire" was "In the next five years, do you plan to start an additional educational or training program?", this question was edited in relation to question E2 "What is your main reason for planning to do this?". The edit ensured that the information was consistent and complete between these questions.

Due to the nature of the survey, imputation was not appropriate for most items and thus 'not stated' codes were usually assigned for missing

data. In some cases, the answer was not known but could be narrowed to a subset of possible answers using the skip pattern (e.g. variable A11, value 21, where the answer is one of the values 01 to 04 but the exact one is not known).

However, non-response was not permitted for those items required for weighting. Values were imputed for the following: age; sex; number of residential telephone lines. Sex was imputed for 12 records. The imputation was based on the respondent's name as recorded on the screening form. For 2 cases where the name was not clearly one sex or the other, the sex was imputed randomly.

Age was imputed for 8 records. The imputation was based on the respondent's values for various fields on the questionnaire which were age related (such as question G2 from the Education and Work Questionnaire "Which of the following best describes your main activity during 1988?" and years when particular events had occurred, i.e. question C1, "In what year did you complete your studies or stop taking courses?"). As well, a number of records had age "derived" using the year and month of birth as reported on the Education and Work Questionnaire.

DVTEL (number of residential telephone lines) was derived from questions P5 to P9 of the Education and Work Questionnaire (4-2). For 137 records, there was incomplete or conflicting information for these questions:

- 48 records had some of the P5 to P9 fields changed by an edit program
- 89 records with no information for any of P5 to P9 were assigned a DVTEL value of 1.

6.3 Coding

Given the content of this cycle, the coding of occupation, industry and education was important.

The coding for the three education fields (A15, B3 and E5) was performed manually using the 1986 Census specifications for the Major Field of Study. The collapsing of the codes for the major field of study into eleven groups may be found in Appendix E.

For each job held by the respondent (with the exception of L14), the questionnaire collected information on the name of the employer, the kind of business, industry or service the employer was in and the kind of work done. This information was used to assign industry and occupation codes to each job using the 1980 version of Statistics Canada's Standard Industrial and Occupational Classifications.

The coding for industry and occupation was done using the automated coding system used by the Labour Force Survey of Statistics Canada. Those codes which could not be coded automatically were done manually. The codes supplied were the 4-digit 1980 Standard Occupational Classification and the 3-digit 1980 Standard Industrial Classification. These 4-digit and 3-digit codes have been collapsed into a 34-grouping and 13-grouping, respectively. The collapsing of the codes into the new groups may be found in Appendix F and in Appendix G.

In addition to including the SOC codes, users of the GSS have requested that attempts be made to include various prestige scales often used by sociologists. For Cycle 4, a consultant (G. L. Coté) was hired to investigate various scales. His work focused on the possibility of deriving two new 'GLC' measures, a 133 category variable regrouped in 15 classes and a prestige type score of social standing. The consultant examined the SOC coding on the file particularly in view of the substantial additional information that was available (e.g. employees supervised, employment status, etc.). The original SOC codes were derived from only the 3 questions (type of job, industry, company name). In view of early results that indicated SOC changes as a result of the additional information available, it was decided to recode all of the occupation data for the "current job". It is not possible to do similar work with the other occupation variables since additional data are not available for these. This resulted in a total of approximately 22% of

SOC codes for 1989 changing at the 4-digit level. After considering various options, it was decided to retain on the microdata file the 34-grouping based on the original SOC codes for 1989 and to derive the GLC classes and the GLC score based on recoded SOCs. Further information on the recoding of the SOC is available from the General Social Survey staff (see section 9). Details about the algorithm used to derived the GLC measures can be obtained directly from the author: Guy L. Coté, 748 Rockland Avenue, Outremont, Québec, H2V 2Z6.

6.4 Creation of Combined and Derived Variables

In Section G of the GSS 4-2 questionnaire, the respondent was channelled into either Section H, K or L depending on their employment status (employed, not employed or retired) during the reference week.

Similar questions were asked in all three sections (e.g. questions H45, K19, K37 and L8: 'During 1984, what best describes your main activity? Were you mainly working at a job or business, looking for work, a student, keeping house, retired or other?'). In this example, all four questions were combined to form the variable 'ACT_1984' (Field #183). In general, combined variables have a name formed by concatenating the names of the variables (e.g. G4_G26).

A number of variables on the microdata file have been derived by using items found on the GSS 4-1 and the GSS 4-2 questionnaires. Derived variable names start with DV and are then followed by characters referring to the question number or subject.

Some derived variables have been created to provide information that was gathered from the Selection Control Form (GSS 4-1). These variables can supply information about the living arrangement of the respondent 'DVLVGAR1' (Field #207) or the age group of the respondent's spouse 'DVAGR_SP' (Field #209), for example.

There are derived variables that can assist in the selection of different records. For example, the derived variable 'DVIN_HKL' can be used to select for those records where the respondent entered either Section H, K or L.

All coded variables for education, industry and occupation have been collapsed to form new derived variables. As well, for those fields where the information given was the 'year' of completion, the values have been capped (e.g. 'DV_B7', Field #234 capped at 1995).

After some variables were combined (e.g. G12 and H6 : During last week (reference week), did you have any paid employees?) and their frequencies were examined, it was decided that these variables should also be capped (i.e. DVG13_H7, Field #246 capped at 26).

Finally, those questions that are considered to be 'double-barrel' (e.g. H29A and H29AB : Do you agree or disagree that the physical surroundings at your work are pleasant? Is that somewhat or strongly?) were used to form a new variable (e.g. DV_H29A, Field #252) which combines both parts of the questions (i.e. strongly disagree, somewhat disagree, somewhat agree, strongly agree, etc.).

6.5 Suppression of Confidential Information

It should be noted that the public use microdata files described in this documentation 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 publication and release guidelines outlined in Section 8 of this document.

7. ESTIMATION

When a probability sample is used, as was the case for the GSS, the principle behind estimation is that each person selected in the sample 'represents' (besides himself/herself) several other persons not in the sample. For example, in a simple random sample of 2% of the population, each person in the sample represents 50 persons in the population.

An overall weighting factor (PWEIGHT) was placed on each record to indicate the number of sampled persons that the record represents. This weighting factor refers to the number of times a particular record should contribute to a population estimate. For example, to estimate the number of persons who have graduated from high school, the value of PWEIGHT is summed over all records with this characteristic. This weighting process is described in section 7.1.

7.1 Weighting

Because the General Social Survey employed two different sampling techniques (as discussed in Section 4), two slightly different weighting procedures were employed. Each is discussed briefly in the following sections.

| | | |
|-------------------------------|----------------------|------------------|
| 7.1.1 Waksberg Design: | Prince Edward Island | New Brunswick |
| | Quebec | Manitoba |
| | Saskatchewan | British Columbia |

A self-weighting sample design is one for which the weights of each unit in the sample are the same. A two-stage sample design with the first stage units (i.e. the Primary Sampling Units) selected with probability proportional to size (PPS) sampling and a fixed number of second stage units selected within each selected first stage unit is a self weighting design.

The Waksberg method used by the General Social Survey, is just such a scheme, and so within the strata in these provinces the households have identical (initial) sampling weights. The first stage sampling units (i.e. the Primary Sampling Units) were banks of telephone numbers and the second stage units were actual telephone numbers corresponding to households within those banks. It should be noted that household weights differ from province to province because a different sampling rate was used for each province.

The following outlines the steps that were used in weighting the GSS Waksberg records for these six provinces.

1) Basic Weight

In the first stage of weighting, all households that were selected into the sample, within a given stratum (within a province), were assigned an identical weight of one (1).

2) Non-Response Adjustment

Weights for responding households were adjusted to represent non-responding households. Within each working bank of telephone numbers selected in the sample, the sampling scheme used required that six households be contacted. In some cases, one or more of these six households refused to participate in the survey. Weights of responding households were adjusted to compensate for non-responding households by multiplying the basic weight of responding households within a bank by the following ratio:

6

(No. of responding households within the bank)

3) Multiple Telephone Adjustment

Weights for households with more than one private telephone number were adjusted downwards to account for the fact that such households have a higher probability of being selected. The weight for each household was divided by the number of distinct telephone numbers that serviced the household.

4) Person Weight Calculation

A person weight was then calculated for each person who responded to the survey by multiplying the household weight for that person by the number of persons in the household who were eligible to be selected for the survey (i.e. the number of household members 15 years old or older).

5) Adjustment for External Totals

An adjustment was made to the person weights on records within each stratum in order to make population estimates consistent with Census projected population counts. This was done by multiplying the person weight for each record within the stratum by the following ratio:

$$\frac{\text{Census population projection for the stratum}}{\text{Sum of the person weights of GSS Waksberg Records within the stratum}}$$

6) Province - Age - Sex Adjustment

The next weighting step was to ratio adjust the weights of Waksberg records to agree with Census projected age-sex distributions at the province level. Census projected population counts

were obtained for males and females within the following age groups:

15-19, 20-24, 25-29, 30-34
35-39, 40-44, 45-49, 50-54
55-59, 60-64, 65-69, 70 +

For each of the resulting 144 classifications (6 provinces X 12 age groups X 2 sexes), the person weights for records within the classification were adjusted by multiplying by the following ratio:

$$\frac{\text{Projected census population count for the prov - age - sex group}}{\text{Sum of the person weights of records in the prov - age - sex group}}$$

It should be noted that persons living in households without telephone service are included in these projections even though they were not sampled.

Also, the sample size of some cells did not meet a minimum size requirement. For these cells, the age group was collapsed with an adjacent age group to meet the requirement.

7) Raking Ratio Adjustment

The weights of each respondent were adjusted several times using a raking ratio procedure. This procedure ensured that estimates produced for RO - Stratum or Prov - Age Group - Sex totals would both be correct. This adjustment was made by repeating steps 5) and 6) of the weighting procedures, using the weights obtained from the previous step, until the two sets of estimates were both correct.

7.1.2 Elimination of Non-Working Banks Design: Newfoundland
Nova Scotia
Ontario
Alberta

As was the case for the Waksberg design, when the Elimination of Non-Working Banks (ENWB) design is used, each household within a stratum has an equal probability of selection. This probability is equal to:

$$\frac{\text{No. of telephone numbers sampled within the stratum}}{\text{Total number of possible telephone numbers within the stratum}}$$

(The total number of possible telephone numbers for a stratum is equal to the number of working banks for a stratum times 100).

The following steps outline the weighting procedure that was used for ENWB records.

1) Basic Weight

Each household (responding and non responding) was assigned a weight equal to the inverse of its probability of selection:

$$\frac{\text{Total number of possible telephone numbers within the stratum}}{\text{No. of telephone numbers sampled within the stratum}}$$

2) Non-Response Adjustment

Weights for responding households were adjusted to represent non-responding households. This was done independently within each area

code prefix. Records were adjusted by the following factor:

Sum of the household weights of all households
within the area code prefix

Sum of the household weights of responding
households with the area code prefix

Non-responding households were then dropped. The next 4 steps used in the weighting procedure for ENWB records were identical to what was done for Waksberg records (i.e., see Waksberg Section 7.1.1 for details)

- 3) Multiple Telephone Adjustment
- 4) Person Weight Calculation
- 5) Adjustment to External Totals
- 6) Province - Age - Sex Adjustment
- 7) Raking Ratio Adjustment

7.2 Weighting Policy

Users are cautioned against releasing unweighted tables or performing any analysis based on unweighted survey results. As was discussed in Section 7.1, there were several weight adjustments performed independently on records within each province. Sampling rates as well as non-response rates varied significantly from province to province.

For this survey, contact was made with 11,728 households. Of these, 1,601 (13.6%) were non-responding households. These were households that refused to respond to the survey or could not respond because of language difficulties or other problems. Included here

as well, are households that could not be reached during the entire survey period (i.e. Ring No Answers). For the 10,127 responding households where an interview was attempted, an additional 789 persons refused to complete the survey (one person was randomly selected per responding household). Included in the 789 refusals are 129 records which were dropped during Head Office Processing either because there was insufficient data on the record (i.e. partial responses with too much missing information) or because the respondent was less than 15 years old. If it is assumed that all the non-responding and dropped households were all 'in scope' (i.e., had at least one member 15 years old or older), this represents a response rate of 80%.

It is known that non-respondents are more likely to be males and more likely to be younger. In the responding sample, 3.5% were males between the ages of 15 and 19, while in the overall population, approximately 4.7% are males between 15 and 19. Therefore, it is clear that the sample counts cannot be considered to be representative of the survey target population unless appropriate weights are applied.

7.3 Types of Estimates

Two types of 'simple' estimates are possible from the results of the General Social Survey. These are qualitative estimates (estimates of counts or proportions of people possessing certain characteristics) and quantitative estimates involving quantities or averages. More complex estimation and analyses are covered in Section 7.4.

7.3.1 Qualitative Estimates

It should be kept in mind that the target population for the GSS was non-institutionalized persons 15 years of age or over living in the ten provinces. Qualitative estimates are estimates of the number or

proportion of this target population possessing certain characteristics. The number of people who did any work at a job or business for the seven days prior to the survey is an example of this kind of estimate. These estimates are readily obtained by summing the final weights of the (PWEIGHT) records possessing the characteristic in question.

7.3.2 Quantitative Estimates

Some variables on the General Social Survey microdata file are quantitative in nature (e.g., income). From these variables, it is possible to obtain such estimates as the average income of persons who are under 30 years of age and have a masters degree or earned doctorate. These estimates are of the following ratio form:

$$\text{Estimate (average)} = X / Y$$

The numerator (X) is a quantitative estimate of the total of the variable of interest (say, income in dollars) for a given sub-population (say, persons under 30 years of age who have a masters degree or an earned doctorate). X would be calculated by multiplying the final weight (PWEIGHT) by the variable of interest (DVSALP27) and summing this product over all records for persons who are under 30 years of age and have a masters degree or an earned doctorate (A11=1 and 1 <= DVAGEGR <= 3). The denominator (Y) is the qualitative estimate of the number of participants within that subpopulation (those under 30 years of age who have a masters degree or an earned doctorate). Y would be calculated by summing the final weight (PWEIGHT) over all records for persons who reported being under 30 years of age and having a masters degree or an earned doctorate (A11=1 and 1 <= DVAGEGR <= 3). The two estimates X and Y are derived independently and then divided to provide the quantitative estimate. The estimated average income of persons under 30 years of age (conservative estimate since incomes over \$60,000 have been recoded to \$60,000) having a master degree or an earned doctorate is

$$49,831.9 = \frac{3,238,604,363}{64990.6}$$

7.4 Guidelines for Analysis

As is detailed in section 4 of this document, the respondents from the GSS do not form a simple random sample of the target population. Instead, the survey had 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.

The GSS used a stratified design, with significant differences in sampling fractions between strata. Thus some areas are over-represented in the sample (relative to their populations) while some other areas are relatively under-represented; this means that the unweighted sample is not representative of the target population.

The survey weights must be used when producing estimates or performing analyses in order to account for this over- and under-representation. While many analysis procedures found in statistical packages allow weights to be used, the meaning or definition of the weight in these procedures differs 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, estimation of rates and proportions and analysis of variance) a method exists which can make the variances calculated by the standard packages more meaningful. If the weights on the data, or any subset of the data, are rescaled so that the average weight is one (1), then the variances 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 overall average weight before the analysis is conducted.

For an analysis of all respondents who are married or living with a common-law partner, the following steps are required:

- "Select" all respondents from the file who report being married or living with a common-law spouse (DVMS = 1);
- Calculate the Average Weight (PWEIGHT) for these records;
- For each of these respondents calculate a "working" weight equal to PWEIGHT / Average Weight;
- Perform the analysis for these respondents using the "working" weight.

The calculation of truly meaningful variance estimates requires detailed knowledge of the design of the survey; such detail cannot be given in this microdata file because of confidentiality. Variances that take into account the sample design can be calculated for many statistics by Statistics Canada on a cost recovery basis.

7.5 Methods of Estimation and Interpretation of Estimates

The basic sampling weight assigned to each sampled individual has been adjusted to reflect the age and sex composition of the various provincial populations as projected by the Labour Force Survey at January 21, 1989.

$$\begin{aligned} & 9338^1 \\ & \sum_{i=1} \text{PWEIGHT} &= 20,247,645 \\ & &= \text{an estimate of the number} \\ & & \text{of persons 15 years of age} \\ & & \text{and older in the population.} \end{aligned}$$

When estimates of the number of persons are desired, PWEIGHT is to be used.

¹There were 9,338 responding households (with one randomly chosen respondent per household).

Examples & Interpretation:

- (i) Nearly 21% of adult Canadians (4.3 million) use computers in their job (H33=1).
- (ii) Over twenty-seven percent (5.5 million) of the adult population who worked during the first twelve months after completing their education felt that the job and their education were closely related (C12 = 1).
- (iii) Twenty-four percent of all adult Canadians (4.9 million) plan to start an educational training program within the next five years (E1 = 1). Forty-seven percent (2.3 million) of these were aged 15-24 (1 <= DVAGEGR <= 2).

8. RELEASE GUIDELINES AND DATA RELIABILITY

It is important for users to become familiar with the contents of this section before publishing or otherwise releasing any estimates derived from the General Social Survey microdata file.

This section of the documentation provides guidelines to be followed by users. With the aid of these guidelines, users of the microdata file should be able to produce figures consistent with those produced by Statistics Canada and in conformance with the established guidelines for rounding and release. The guidelines can be broken into four broad sections: Minimum Sample Sizes for Estimates, Sampling Variability Policy, Sampling Variability Estimation and Rounding Policy.

8.1 Minimum Sample Size For Estimates

Users should determine the number of records on the microdata file which contribute to the calculation of a given estimate. This number should be 25 or more. When the number of contributors to the weighted estimate is less than this, the weighted estimate should not be released regardless of the value of the Approximate Coefficient of Variation.

8.2 Sampling Variability Guidelines

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

Although the exact sampling error of the estimate, as defined above, cannot be measured from sample results alone, it is possible to estimate

a statistical measure of sampling error, the standard error, from the sample data. Using the standard error, confidence intervals for estimates (ignoring the effects of non-sampling error) may be obtained under the assumption that the estimates are normally distributed about the true population value. 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 virtually with certainty that the differences would be less than three standard errors.

Because of the large variety of estimates that can be produced from a survey, the standard deviation is usually expressed relative to the estimate to which it pertains. The resulting measure, known as the coefficient of variation of an estimate is obtained by dividing the standard error of the estimate by the estimate itself and is expressed as a percentage of the estimate. Before releasing and/or publishing any estimates from the microdata file, users should determine whether the estimate is releasable based on the following guidelines:

| Type of Estimate | Coefficient of Variation | Policy Statement |
|--------------------|--------------------------|---|
| 1. Unqualified | 0.0 to 16.5% | Estimates can be considered for general unrestricted release. No special notation is required. |
| 2. Qualified | 16.6 to 25.0% | Estimates can be considered for general unrestricted release but should be accompanied by a warning cautioning 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. Restricted | 25.1 to 33.3% | Estimates can be considered for general unrestricted release only when sampling variabilities are obtained using an exact variance calculation procedure. Otherwise, the estimate should be deleted. When sampling variabilities are obtained using exact variance calculation procedures, the estimates should be accompanied by a warning of high sampling variability associated with the estimates. |
| 4. Not for Release | 33.4% or over | Estimates should not be released in any form under any circumstances. In such statistical tables, such estimates should be deleted. |

Note: The sampling variability policy should be applied to rounded estimates.

8.3 Estimates of Variance

Variance estimation is described separately for qualitative and quantitative estimates.

8.3.1 Sampling variability for Qualitative Estimates

Derivation of sampling variabilities for each of the estimates which could be generated from the survey would be an extremely costly procedure, and for most users, an unnecessary one. Consequently, approximate measures of sampling variability, in the form of tables, have been developed for use and are included in APPENDIX A ("Approximate Variance Tables"). These tables have been produced using the coefficient of variation formula based on a simple Random sample. Since estimates for the General Social Survey were based on two sample designs (the Waksberg design and the Elimination of Non-Working Banks design) a factor called the Design Effect was introduced into the variance formula.

The Design Effect for an estimate is the actual variance for the estimate (taking into account the design that was used) divided by the variance that would result if the estimate had been derived from a simple random sample. The Design Effect used to produce the Approximate Variance Tables has been determined by first calculating Design Effects for a wide range of characteristics and then choosing among these a conservative value which will not give a false impression of high precision.

For each province and Canada, approximate variance tables are provided. It should be noted that all coefficients of variation in these tables are approximate and, therefore, unofficial. Estimates of actual variance for specific variables may be purchased from Statistics Canada. Use of actual variance estimates may allow users to release otherwise unreleasable estimates, i.e. estimates with coefficient of variation in the "restricted" range (see the policy regarding the release of the survey estimates on preceding pages).

8.3.2 Sampling Variability For Quantitative Estimates

In order to provide variability estimates for quantitative type variables, special tables would have to be produced. Since the variables on the General Social Survey microdata file are primarily qualitative in nature, this has not been done. As a general rule, however, the coefficient of variation of a quantitative total will be larger than the coefficient of variation of the corresponding qualitative estimate (e.g. the number of persons contributing to the quantitative estimate). If the corresponding qualitative estimate is not releasable, then the quantitative total will not be.

8.4 Rounding

In order that estimates produced from the General Social Survey microdata file correspond to those produced by Statistics Canada, users are urged to adhere to the following guidelines regarding the rounding of such estimates. It may be misleading to release unrounded estimates, as they imply greater precision than actually exists.

8.4.1 Rounding Guidelines

(1) Estimates of totals in the main body of a statistical table should be rounded to the nearest thousand using the normal rounding technique (see definition in section 8.4.2).

(2) 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 thousand units using normal rounding.

(3) Averages, proportions, rates and percentages are to be computed from unrounded components and then are to be rounded themselves to one decimal using normal rounding.

(4) Sums and differences of aggregates and ratios are to be derived from corresponding unrounded components and then rounded to the nearest thousand units or the nearest one decimal using normal rounding.

(5) In instances where, due to technical or other limitations, a different rounding technique is used resulting in estimates different from Statistics Canada estimates, users are encouraged to note the reason for such differences in the released document.

8.4.2 Normal Rounding

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, the number 8499 rounded to thousands would be 8 and the number 8500 rounded to thousands would be 9.

9. ADDITIONAL INFORMATION

Additional information about this survey can be obtained from the individuals listed below. Data from the survey is available through published reports, special request tabulations, and this micro data file. The microdata file is available from the Housing, Family and Social Statistics Division of Statistics Canada at a cost of \$750.00. Tabulations can be obtained at a cost that will reflect the resources required to produce the tabulation.

Sample Selection Procedures, Weighting and Estimation

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APPENDIX A

Approximate variance tables

APPROXIMATE VARIANCE TABLES

By using the Approximate Variance Tables and the following rules, users should be able to determine approximate coefficients of variation for aggregates (totals), percentages, ratios, differences between totals and differences between ratios.

1) Rules for obtaining Approximate Variances

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

As noted in Section 8.1, each estimate should be derived from **AT LEAST 25** respondents in order to be released, regardless of the Approximate Coefficient of Variation.

Rule 1: Estimates of Numbers possessing a Characteristic (Aggregates)

The coefficient of variation (CV) depends only on the size of the estimated aggregate itself. On the Approximate Variance Table, locate the estimated aggregate in the left-most column of the table (headed "Numerator of Percentage") and follow the asterisks across to the first figure encountered. This figure is the estimated coefficient of variation.

Rule 2: Estimates of Percentages or Proportions possessing a Characteristic

The coefficient of variation of an estimated percentage or proportion depends on both the size of the percentage or proportion and the size of the total upon which the percentage is based. Estimated percentages or proportions are

relatively more reliable than the corresponding estimates of the numerators of the percentages, particularly if the percentages are 50 percent or more. (Note that in the tables the cv's decline in value reading from left to right).

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

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

Rule 3: 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 males and the numerator is the number of males who have a personal computer at home in 1989.

In the case where the numerator is not a subset of the denominator, the coefficient of variation of the ratio of two estimates is approximately equal to the square root of the sum of squares of each coefficient of variation considered separately. That is, the coefficient of variation of a ratio:

$$R = \frac{X}{Y}$$

$$\text{is } Sd(R) = R * ((cv(X))^2 + (cv(Y))^2)^{1/2}$$

The coefficient of variation of R is approximately

$$cv(R) = \frac{sd(R)}{R}$$

This formula will tend to overstate the error if X and Y are positively correlated and understate the error if X and Y are negatively correlated.

Rule 4: Differences between totals or percentages

The standard deviation of a difference between two estimates is approximately equal to the square root of the sum of squares of each standard deviation considered separately. That is, the standard deviation of a difference:

$$d = X - Y$$

$$is\ sd(d) = (X^2 * cv(X)^2 + Y^2 * cv(Y)^2)^{1/2}$$

The coefficient of variation of d is approximately:

$$cv(d) = \frac{sd(d)}{d}$$

This formula is accurate for the difference between separate and uncorrelated characteristics but is only approximate otherwise.

Rule 5: Difference of Ratios

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

APPROXIMATE VARIANCE TABLES
GENERAL SOCIAL SURVEY CYCLE 4

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% | 35.0% | 40.0% | 50.0% | 70.0% | 90.0% |
| 1 | 183.8 | 183.0 | 182.0 | 179.2 | 174.4 | 169.5 | 164.5 | 159.2 | 153.8 | 148.2 | 142.4 | 130.0 | 100.7 | 58.1 |
| 2 | 130.0 | 129.4 | 128.7 | 126.7 | 123.3 | 119.9 | 116.3 | 112.6 | 108.8 | 104.8 | 100.7 | 91.9 | 71.2 | 41.1 |
| 3 | 106.1 | 105.6 | 105.1 | 103.5 | 100.7 | 97.9 | 95.0 | 91.9 | 88.8 | 85.6 | 82.2 | 75.1 | 58.1 | 33.6 |
| 4 | 91.9 | 91.5 | 91.0 | 89.6 | 87.2 | 84.8 | 82.2 | 79.6 | 76.9 | 74.1 | 71.2 | 65.0 | 50.4 | 26.0 |
| 5 | 82.2 | 81.8 | 81.4 | 80.1 | 78.0 | 75.8 | 73.5 | 71.2 | 68.8 | 66.3 | 63.7 | 58.1 | 45.0 | 23.7 |
| 6 | 75.0 | 74.7 | 74.3 | 73.2 | 71.2 | 69.2 | 67.1 | 65.0 | 62.8 | 60.5 | 58.1 | 53.1 | 41.1 | 22.0 |
| 7 | 69.5 | 69.1 | 68.8 | 67.7 | 65.9 | 64.1 | 62.2 | 60.2 | 58.1 | 56.0 | 53.8 | 49.1 | 38.1 | 20.6 |
| 8 | 65.0 | 64.7 | 64.4 | 63.4 | 61.7 | 59.9 | 58.1 | 56.3 | 54.4 | 52.4 | 50.4 | 46.0 | 35.6 | 19.4 |
| 9 | 61.3 | 61.0 | 60.7 | 59.7 | 58.1 | 56.5 | 54.8 | 53.1 | 51.3 | 49.4 | 47.5 | 43.3 | 33.6 | 18.4 |
| 10 | 58.1 | 57.9 | 57.6 | 56.7 | 55.2 | 53.6 | 52.0 | 50.4 | 48.6 | 46.9 | 45.0 | 41.1 | 31.8 | 17.5 |
| 11 | 55.4 | 55.2 | 54.9 | 54.0 | 52.6 | 51.1 | 49.6 | 48.0 | 46.4 | 44.7 | 42.9 | 39.2 | 30.4 | 16.8 |
| 12 | 53.1 | 52.8 | 52.5 | 51.7 | 50.4 | 48.9 | 47.5 | 46.0 | 44.4 | 42.8 | 41.1 | 37.5 | 29.1 | 16.1 |
| 13 | 51.0 | 50.7 | 50.5 | 49.7 | 48.4 | 47.0 | 45.6 | 44.2 | 42.7 | 41.1 | 39.5 | 36.1 | 27.9 | 15.5 |
| 14 | 49.1 | 48.9 | 48.6 | 47.9 | 46.6 | 45.3 | 44.0 | 42.6 | 41.1 | 39.6 | 38.1 | 34.7 | 26.9 | 15.0 |
| 15 | 47.5 | 47.2 | 47.0 | 46.3 | 45.0 | 43.8 | 42.5 | 41.1 | 39.7 | 38.3 | 36.8 | 33.6 | 26.0 | 14.5 |
| 16 | 45.9 | 45.7 | 45.5 | 44.8 | 43.6 | 42.4 | 41.1 | 39.8 | 38.5 | 37.1 | 35.6 | 32.5 | 25.2 | 14.1 |
| 17 | 44.6 | 44.4 | 44.1 | 43.5 | 42.3 | 41.1 | 39.9 | 38.6 | 37.3 | 36.0 | 34.5 | 31.5 | 24.4 | 13.7 |
| 18 | 43.3 | 43.1 | 42.9 | 42.2 | 41.1 | 40.0 | 38.8 | 37.5 | 36.3 | 34.9 | 33.6 | 30.6 | 23.7 | 13.3 |
| 19 | 42.2 | 42.0 | 41.8 | 41.1 | 40.0 | 38.9 | 37.7 | 36.5 | 35.3 | 34.0 | 32.7 | 29.8 | 23.1 | 13.0 |
| 20 | 41.1 | 40.9 | 40.7 | 40.1 | 39.0 | 37.9 | 36.8 | 35.6 | 34.4 | 33.1 | 31.8 | 29.1 | 22.5 | 12.7 |
| 21 | 39.9 | 39.9 | 39.7 | 39.1 | 38.1 | 37.0 | 35.9 | 34.7 | 33.6 | 32.3 | 31.1 | 28.4 | 22.0 | 12.4 |
| 22 | 38.8 | 38.8 | 38.8 | 38.2 | 37.2 | 36.1 | 35.1 | 34.0 | 32.8 | 31.6 | 30.4 | 27.7 | 21.5 | 12.1 |
| 23 | 38.1 | 38.0 | 38.0 | 37.4 | 36.4 | 35.3 | 34.3 | 33.2 | 32.1 | 30.9 | 29.7 | 27.1 | 21.0 | 11.9 |
| 24 | 37.3 | 37.3 | 37.2 | 36.6 | 35.6 | 34.6 | 33.6 | 32.5 | 31.4 | 30.3 | 29.1 | 26.5 | 20.6 | 11.6 |
| 25 | 36.6 | 36.6 | 36.4 | 35.8 | 34.9 | 33.9 | 32.9 | 31.8 | 30.8 | 29.6 | 28.5 | 26.0 | 20.1 | 11.6 |
| 30 | 33.4 | 33.2 | 33.2 | 32.7 | 31.8 | 31.0 | 30.0 | 29.1 | 28.1 | 27.1 | 26.0 | 23.7 | 18.4 | 10.6 |
| 35 | 30.9 | 30.8 | 30.8 | 30.3 | 29.5 | 28.7 | 27.8 | 26.9 | 26.0 | 25.1 | 24.1 | 22.0 | 17.0 | 9.8 |
| 40 | 28.9 | 28.8 | 28.8 | 28.3 | 27.6 | 26.8 | 26.0 | 25.2 | 24.3 | 23.4 | 22.5 | 20.6 | 15.9 | 9.2 |
| 45 | 27.3 | 27.3 | 27.1 | 26.7 | 26.0 | 25.3 | 24.5 | 23.7 | 22.9 | 22.1 | 21.2 | 19.4 | 15.0 | 8.7 |
| 50 | 25.9 | 25.7 | 25.7 | 25.3 | 24.7 | 24.0 | 23.3 | 22.5 | 21.8 | 21.0 | 20.1 | 18.4 | 14.2 | 8.2 |
| 55 | 24.7 | 24.5 | 24.5 | 24.2 | 23.5 | 22.9 | 22.2 | 21.5 | 20.7 | 20.0 | 19.2 | 17.5 | 13.6 | 7.8 |
| 60 | 23.6 | 23.5 | 23.5 | 23.1 | 22.5 | 21.9 | 21.2 | 20.6 | 19.9 | 19.1 | 18.4 | 16.8 | 13.0 | 7.5 |
| 65 | 22.7 | 22.6 | 22.6 | 22.2 | 21.6 | 21.0 | 20.4 | 19.8 | 19.1 | 18.4 | 17.7 | 16.1 | 12.5 | 7.2 |
| 70 | 21.9 | 21.8 | 21.4 | 21.4 | 20.8 | 20.3 | 19.7 | 19.0 | 18.4 | 17.7 | 17.0 | 15.5 | 12.0 | 6.9 |
| 75 | 21.1 | 21.0 | 20.7 | 20.7 | 20.1 | 19.6 | 19.0 | 18.4 | 17.8 | 17.1 | 16.4 | 15.0 | 11.6 | 6.7 |
| 80 | 20.5 | 20.4 | 20.4 | 20.0 | 19.5 | 19.0 | 18.4 | 17.8 | 17.2 | 16.6 | 15.9 | 14.5 | 11.3 | 6.5 |
| 85 | 19.8 | 19.7 | 19.4 | 19.4 | 18.9 | 18.4 | 17.8 | 17.3 | 16.7 | 16.1 | 15.4 | 14.1 | 10.9 | 6.3 |
| 90 | 19.3 | 19.2 | 18.9 | 18.9 | 18.4 | 17.9 | 17.3 | 16.8 | 16.2 | 15.6 | 15.0 | 13.7 | 10.6 | 6.1 |
| 95 | 18.8 | 18.7 | 18.4 | 18.4 | 17.9 | 17.4 | 16.9 | 16.3 | 15.8 | 15.2 | 14.6 | 13.3 | 10.3 | 6.0 |
| 100 | 18.3 | 18.2 | 17.9 | 17.9 | 17.4 | 17.0 | 16.4 | 15.9 | 15.4 | 14.8 | 14.2 | 13.0 | 10.1 | 5.8 |

NOTES: FOR CORRECT USAGE OF THESE TABLES REFER TO CHAPTER 8

*** CONTINUES ***

APPROXIMATE VARIANCE TABLES
GENERAL SOCIAL SURVEY CYCLE 4

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% | 35.0% | 40.0% | 50.0% | 70.0% | 90.0% |
| 125 | ***** | 16.4 | 16.3 | 16.0 | 15.6 | 15.2 | 14.7 | 14.2 | 13.8 | 13.3 | 12.7 | 11.6 | 9.0 | 5.2 |
| 150 | ***** | 14.9 | 14.9 | 14.6 | 14.2 | 13.8 | 13.4 | 13.0 | 12.6 | 12.1 | 11.6 | 10.6 | 8.2 | 4.7 |
| 200 | ***** | 12.9 | 12.9 | 12.7 | 12.3 | 12.0 | 11.6 | 11.3 | 10.9 | 10.5 | 10.1 | 9.2 | 7.1 | 4.1 |
| 250 | ***** | ***** | 11.5 | 11.3 | 11.0 | 10.7 | 10.4 | 10.1 | 9.7 | 9.4 | 9.0 | 8.2 | 6.4 | 3.7 |
| 300 | ***** | ***** | 10.5 | 10.3 | 10.1 | 9.8 | 9.5 | 9.2 | 8.9 | 8.6 | 8.2 | 7.5 | 5.8 | 3.4 |
| 350 | ***** | ***** | 9.7 | 9.6 | 9.3 | 9.1 | 8.8 | 8.5 | 8.2 | 7.9 | 7.6 | 6.9 | 5.4 | 3.1 |
| 400 | ***** | ***** | 9.1 | 9.0 | 8.7 | 8.5 | 8.2 | 8.0 | 7.7 | 7.4 | 7.1 | 6.5 | 5.0 | 2.9 |
| 450 | ***** | ***** | ***** | 8.4 | 8.2 | 8.0 | 7.8 | 7.5 | 7.3 | 7.0 | 6.7 | 6.1 | 4.7 | 2.7 |
| 500 | ***** | ***** | ***** | 8.0 | 7.8 | 7.6 | 7.4 | 7.1 | 6.9 | 6.6 | 6.4 | 5.8 | 4.5 | 2.6 |
| 750 | ***** | ***** | ***** | 6.5 | 6.4 | 6.2 | 6.0 | 5.8 | 5.6 | 5.4 | 5.2 | 4.7 | 3.7 | 2.1 |
| 1000 | ***** | ***** | ***** | 5.7 | 5.5 | 5.4 | 5.2 | 5.0 | 4.9 | 4.7 | 4.5 | 4.1 | 3.2 | 1.8 |
| 1500 | ***** | ***** | ***** | ***** | 4.5 | 4.4 | 4.2 | 4.1 | 4.0 | 3.8 | 3.7 | 3.4 | 2.6 | 1.5 |
| 2000 | ***** | ***** | ***** | ***** | 3.9 | 3.8 | 3.7 | 3.6 | 3.4 | 3.3 | 3.2 | 2.9 | 2.3 | 1.3 |
| 3000 | ***** | ***** | ***** | ***** | ***** | 3.1 | 3.0 | 2.9 | 2.8 | 2.7 | 2.6 | 2.4 | 1.8 | 1.1 |
| 4000 | ***** | ***** | ***** | ***** | ***** | ***** | 2.6 | 2.5 | 2.4 | 2.3 | 2.3 | 2.1 | 1.6 | 0.9 |
| 5000 | ***** | ***** | ***** | ***** | ***** | ***** | ***** | 2.3 | 2.2 | 2.1 | 2.0 | 1.8 | 1.4 | 0.8 |
| 6000 | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | 2.0 | 1.9 | 1.8 | 1.7 | 1.3 | 0.8 |
| 7000 | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | 1.8 | 1.7 | 1.6 | 1.2 | 0.7 |
| 8000 | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | 1.6 | 1.5 | 1.1 | 0.7 |
| 9000 | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | 1.4 | 1.1 | 0.6 |
| 10000 | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | 1.3 | 1.0 | 0.6 |
| 12500 | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | 0.9 | 0.5 |
| 15000 | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | 0.5 |

NOTES: FOR CORRECT USAGE OF THESE TABLES REFER TO CHAPTER 8

APPROXIMATE VARIANCE TABLES
GENERAL SOCIAL SURVEY CYCLE 4

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% | 35.0% | 40.0% | 50.0% | 70.0% | 90.0% |
| 1 | ***** | 101.4 | 100.8 | 99.3 | 96.6 | 93.9 | 91.1 | 88.2 | 85.2 | 82.1 | 78.9 | 72.0 | 55.8 | 32.2 |
| 2 | ***** | 71.7 | 71.3 | 70.2 | 68.3 | 66.4 | 64.4 | 62.4 | 60.3 | 58.1 | 55.8 | 50.9 | 39.5 | 22.8 |
| 3 | ***** | 58.5 | 58.2 | 57.3 | 55.8 | 54.2 | 52.6 | 50.9 | 49.2 | 47.4 | 45.6 | 41.6 | 32.2 | 18.6 |
| 4 | ***** | 50.7 | 50.4 | 49.6 | 48.3 | 47.0 | 45.6 | 44.1 | 42.6 | 41.1 | 39.5 | 36.0 | 27.9 | 16.1 |
| 5 | ***** | ***** | 45.1 | 44.4 | 43.2 | 42.0 | 40.7 | 39.5 | 38.1 | 36.7 | 35.3 | 32.2 | 25.0 | 14.4 |
| 6 | ***** | ***** | 41.2 | 40.5 | 39.5 | 38.3 | 37.2 | 36.0 | 34.8 | 33.5 | 32.2 | 29.4 | 22.8 | 13.2 |
| 7 | ***** | ***** | 38.1 | 37.5 | 36.5 | 35.5 | 34.4 | 33.3 | 32.2 | 31.0 | 29.8 | 27.2 | 21.1 | 12.2 |
| 8 | ***** | ***** | 35.7 | 35.1 | 34.2 | 33.2 | 32.2 | 31.2 | 30.1 | 29.0 | 27.9 | 25.5 | 19.7 | 11.4 |
| 9 | ***** | ***** | ***** | 31.4 | 30.6 | 29.7 | 28.8 | 27.9 | 27.0 | 26.0 | 25.0 | 22.8 | 17.6 | 10.2 |
| 10 | ***** | ***** | ***** | 29.9 | 29.1 | 28.3 | 27.5 | 26.6 | 25.7 | 24.8 | 23.8 | 21.7 | 16.8 | 9.7 |
| 11 | ***** | ***** | ***** | 28.7 | 27.9 | 27.1 | 26.3 | 25.5 | 24.6 | 23.7 | 22.8 | 20.8 | 16.1 | 9.3 |
| 12 | ***** | ***** | ***** | 27.5 | 26.8 | 26.0 | 25.3 | 24.5 | 23.6 | 22.8 | 21.9 | 20.0 | 15.5 | 8.9 |
| 13 | ***** | ***** | ***** | 26.5 | 25.8 | 25.1 | 24.4 | 23.6 | 22.8 | 21.9 | 21.1 | 19.3 | 14.9 | 8.6 |
| 14 | ***** | ***** | ***** | 25.6 | 25.0 | 24.2 | 23.5 | 22.8 | 22.0 | 21.2 | 20.4 | 18.6 | 14.4 | 8.3 |
| 15 | ***** | ***** | ***** | 24.8 | 24.2 | 23.5 | 22.8 | 22.1 | 21.3 | 20.5 | 19.7 | 18.0 | 13.9 | 8.1 |
| 16 | ***** | ***** | ***** | 24.1 | 23.4 | 22.8 | 22.1 | 21.4 | 20.7 | 19.9 | 19.1 | 17.5 | 13.5 | 7.8 |
| 17 | ***** | ***** | ***** | 23.4 | 22.8 | 22.1 | 21.5 | 20.8 | 20.1 | 19.4 | 18.6 | 17.0 | 13.2 | 7.6 |
| 18 | ***** | ***** | ***** | 22.8 | 22.2 | 21.5 | 20.9 | 20.2 | 19.6 | 18.8 | 18.1 | 16.5 | 12.8 | 7.4 |
| 19 | ***** | ***** | ***** | 22.2 | 21.6 | 21.0 | 20.4 | 19.7 | 19.1 | 18.4 | 17.6 | 16.1 | 12.5 | 7.2 |
| 20 | ***** | ***** | ***** | 21.7 | 21.1 | 20.5 | 19.9 | 19.3 | 18.6 | 17.9 | 17.2 | 15.7 | 12.2 | 7.0 |
| 21 | ***** | ***** | ***** | ***** | 20.6 | 20.0 | 19.4 | 18.8 | 18.2 | 17.5 | 16.8 | 15.4 | 11.9 | 6.9 |
| 22 | ***** | ***** | ***** | ***** | 20.2 | 19.6 | 19.0 | 18.4 | 17.8 | 17.1 | 16.5 | 15.0 | 11.6 | 6.7 |
| 23 | ***** | ***** | ***** | ***** | 19.7 | 19.2 | 18.6 | 18.0 | 17.4 | 16.8 | 16.1 | 14.7 | 11.4 | 6.6 |
| 24 | ***** | ***** | ***** | ***** | 19.3 | 18.8 | 18.2 | 17.6 | 17.0 | 16.4 | 15.8 | 14.4 | 11.2 | 6.4 |
| 25 | ***** | ***** | ***** | ***** | 17.6 | 17.1 | 16.6 | 16.1 | 15.6 | 15.0 | 14.4 | 13.2 | 10.2 | 5.9 |
| 30 | ***** | ***** | ***** | ***** | 16.3 | 15.9 | 15.4 | 14.9 | 14.4 | 13.9 | 13.3 | 12.2 | 9.4 | 5.4 |
| 35 | ***** | ***** | ***** | ***** | 15.3 | 14.8 | 14.4 | 13.9 | 13.5 | 13.0 | 12.5 | 11.4 | 8.8 | 5.1 |
| 40 | ***** | ***** | ***** | ***** | ***** | 14.0 | 13.6 | 13.2 | 12.7 | 12.2 | 11.8 | 10.7 | 8.3 | 4.8 |
| 45 | ***** | ***** | ***** | ***** | ***** | 13.3 | 12.9 | 12.5 | 12.1 | 11.6 | 11.2 | 10.2 | 7.9 | 4.6 |
| 50 | ***** | ***** | ***** | ***** | ***** | 12.7 | 12.3 | 11.9 | 11.5 | 11.1 | 10.6 | 9.7 | 7.5 | 4.3 |
| 55 | ***** | ***** | ***** | ***** | ***** | 12.1 | 11.8 | 11.4 | 11.0 | 10.6 | 10.2 | 9.3 | 7.2 | 4.2 |
| 60 | ***** | ***** | ***** | ***** | ***** | ***** | 11.3 | 10.9 | 10.6 | 10.2 | 9.8 | 8.9 | 6.9 | 4.0 |
| 65 | ***** | ***** | ***** | ***** | ***** | ***** | 10.9 | 10.5 | 10.2 | 9.8 | 9.4 | 8.6 | 6.7 | 3.9 |
| 70 | ***** | ***** | ***** | ***** | ***** | ***** | 10.5 | 10.2 | 9.8 | 9.5 | 9.1 | 8.3 | 6.4 | 3.7 |
| 75 | ***** | ***** | ***** | ***** | ***** | ***** | 10.2 | 9.9 | 9.5 | 9.2 | 8.8 | 8.1 | 6.2 | 3.6 |
| 80 | ***** | ***** | ***** | ***** | ***** | ***** | 9.9 | 9.6 | 9.2 | 8.9 | 8.6 | 7.8 | 6.1 | 3.5 |
| 85 | ***** | ***** | ***** | ***** | ***** | ***** | 9.3 | 9.0 | 8.7 | 8.4 | 8.1 | 7.4 | 5.9 | 3.4 |
| 90 | ***** | ***** | ***** | ***** | ***** | ***** | 9.1 | 8.7 | 8.4 | 8.1 | 7.9 | 7.2 | 5.7 | 3.3 |
| 95 | ***** | ***** | ***** | ***** | ***** | ***** | 8.8 | 8.5 | 8.2 | 7.9 | 7.6 | 7.0 | 5.6 | 3.2 |
| 100 | ***** | ***** | ***** | ***** | ***** | ***** | 8.5 | 8.2 | 7.9 | 7.6 | 7.3 | 6.8 | 5.5 | 3.1 |

NOTES: FOR CORRECT USAGE OF THESE TABLES REFER TO CHAPTER 8

*** CONTINUES ***

APPROXIMATE VARIANCE TABLES

GENERAL SOCIAL SURVEY CYCLE 4

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% | 35.0% | 40.0% | 50.0% | 70.0% | 90.0% |
| 125 | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** |
| 150 | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | 7.6 | 7.3 | 7.1 | 6.4 | 5.0 | 2.9 |
| 200 | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | 6.4 | 5.9 | 4.6 | 2.6 |
| 250 | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | 5.1 | 3.9 | 2.3 |
| 300 | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | 3.5 | 2.0 |
| 350 | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | 1.9 |
| | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | 1.7 |

NOTES: FOR CORRECT USAGE OF THESE TABLES REFER TO CHAPTER 8

APPROXIMATE VARIANCE TABLES
GENERAL SOCIAL SURVEY CYCLE 4

PRINCE EDWARD ISLAND

| NUMERATOR OF PERCENTAGE ('0000) | 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 | ***** | ***** | 67.4 | 66.3 | 64.6 | 62.7 | 60.9 | 58.9 | 56.9 | 54.9 | 52.7 | 48.1 | 37.3 | 21.5 |
| 2 | ***** | ***** | ***** | 46.9 | 45.6 | 44.4 | 43.0 | 41.7 | 40.3 | 38.8 | 37.3 | 34.0 | 26.4 | 15.2 |
| 3 | ***** | ***** | ***** | 38.3 | 37.3 | 36.2 | 35.1 | 34.0 | 32.9 | 31.7 | 30.4 | 27.8 | 21.5 | 12.4 |
| 4 | ***** | ***** | ***** | 33.2 | 32.3 | 31.4 | 30.4 | 29.5 | 28.5 | 27.4 | 26.4 | 24.1 | 18.6 | 10.8 |
| 5 | ***** | ***** | ***** | ***** | 28.9 | 28.1 | 27.2 | 26.4 | 25.5 | 24.5 | 23.6 | 21.5 | 16.7 | 9.6 |
| 6 | ***** | ***** | ***** | ***** | 26.4 | 25.6 | 24.8 | 24.1 | 23.2 | 22.4 | 21.5 | 19.6 | 15.2 | 8.8 |
| 7 | ***** | ***** | ***** | ***** | 24.4 | 23.7 | 23.0 | 22.3 | 21.5 | 20.7 | 19.9 | 18.2 | 14.1 | 8.1 |
| 8 | ***** | ***** | ***** | ***** | 22.8 | 22.2 | 21.5 | 20.8 | 20.1 | 19.4 | 18.6 | 17.0 | 13.2 | 7.6 |
| 9 | ***** | ***** | ***** | ***** | 21.5 | 20.9 | 20.3 | 19.6 | 19.0 | 18.3 | 17.6 | 16.0 | 12.4 | 7.2 |
| 10 | ***** | ***** | ***** | ***** | ***** | 19.8 | 19.2 | 18.6 | 18.0 | 17.3 | 16.7 | 15.2 | 11.8 | 6.8 |
| 11 | ***** | ***** | ***** | ***** | ***** | 18.9 | 18.4 | 17.8 | 17.2 | 16.5 | 15.9 | 14.5 | 11.2 | 6.5 |
| 12 | ***** | ***** | ***** | ***** | ***** | 18.1 | 17.6 | 17.0 | 16.4 | 15.8 | 15.2 | 13.9 | 10.8 | 6.2 |
| 13 | ***** | ***** | ***** | ***** | ***** | 17.4 | 16.9 | 16.3 | 15.8 | 15.2 | 14.6 | 13.3 | 10.3 | 6.0 |
| 14 | ***** | ***** | ***** | ***** | ***** | 16.8 | 16.3 | 15.7 | 15.2 | 14.7 | 14.1 | 12.9 | 10.0 | 5.8 |
| 15 | ***** | ***** | ***** | ***** | ***** | ***** | 15.7 | 15.2 | 14.7 | 14.2 | 13.6 | 12.4 | 9.6 | 5.6 |
| 16 | ***** | ***** | ***** | ***** | ***** | ***** | 15.2 | 14.7 | 14.2 | 13.7 | 13.2 | 12.0 | 9.3 | 5.4 |
| 17 | ***** | ***** | ***** | ***** | ***** | ***** | 14.8 | 14.3 | 13.8 | 13.3 | 12.8 | 11.7 | 9.0 | 5.2 |
| 18 | ***** | ***** | ***** | ***** | ***** | ***** | 14.3 | 13.9 | 13.4 | 12.9 | 12.4 | 11.3 | 8.8 | 5.1 |
| 19 | ***** | ***** | ***** | ***** | ***** | ***** | 14.0 | 13.5 | 13.1 | 12.6 | 12.1 | 11.0 | 8.6 | 4.9 |
| 20 | ***** | ***** | ***** | ***** | ***** | ***** | ***** | 13.2 | 12.7 | 12.3 | 11.8 | 10.8 | 8.3 | 4.8 |
| 21 | ***** | ***** | ***** | ***** | ***** | ***** | ***** | 12.9 | 12.4 | 12.0 | 11.5 | 10.5 | 8.1 | 4.7 |
| 22 | ***** | ***** | ***** | ***** | ***** | ***** | ***** | 12.6 | 12.1 | 11.7 | 11.2 | 10.3 | 7.9 | 4.6 |
| 23 | ***** | ***** | ***** | ***** | ***** | ***** | ***** | 12.3 | 11.9 | 11.4 | 11.0 | 10.0 | 7.8 | 4.5 |
| 24 | ***** | ***** | ***** | ***** | ***** | ***** | ***** | 12.0 | 11.6 | 11.2 | 10.8 | 9.8 | 7.6 | 4.4 |
| 25 | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | 11.4 | 11.0 | 10.5 | 9.6 | 7.5 | 4.3 |
| 30 | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | 10.0 | 9.6 | 8.9 | 8.1 | 6.3 | 3.6 |
| 35 | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | 7.6 | 5.9 | 3.4 |
| 40 | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | 7.2 | 5.6 | 3.2 |
| 45 | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | 5.3 | 3.0 |
| 50 | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | 5.0 | 2.9 |
| 55 | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | 4.8 | 2.8 |
| 60 | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | 4.6 | 2.7 |
| 65 | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | 2.6 |
| 70 | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | 2.5 |
| 75 | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | 2.4 |
| 80 | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | 2.3 |
| 85 | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | 2.3 |

NOTES: FOR CORRECT USAGE OF THESE TABLES REFER TO CHAPTER 8

APPROXIMATE VARIANCE TABLES
GENERAL SOCIAL SURVEY CYCLE 4

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% | 35.0% | 40.0% | 50.0% | 70.0% | 90.0% |
| 1 | ***** | 113.0 | 112.4 | 110.7 | 107.7 | 104.7 | 101.6 | 98.4 | 95.0 | 91.6 | 88.0 | 80.3 | 62.2 | 35.9 |
| 2 | ***** | 79.9 | 79.5 | 78.3 | 76.2 | 74.0 | 71.8 | 69.5 | 67.2 | 64.7 | 62.2 | 56.8 | 44.0 | 25.4 |
| 3 | ***** | 65.2 | 64.9 | 63.9 | 62.2 | 60.5 | 58.6 | 56.8 | 54.9 | 52.9 | 50.8 | 46.4 | 35.9 | 20.7 |
| 4 | ***** | 56.5 | 56.2 | 55.3 | 53.9 | 52.4 | 50.8 | 49.2 | 47.5 | 45.8 | 44.0 | 40.2 | 31.1 | 18.0 |
| 5 | ***** | 50.5 | 50.3 | 49.5 | 48.2 | 46.8 | 45.4 | 44.0 | 42.5 | 40.9 | 39.3 | 35.9 | 27.8 | 16.1 |
| 6 | ***** | 46.1 | 45.9 | 45.2 | 44.0 | 42.7 | 41.5 | 40.2 | 38.8 | 37.4 | 35.9 | 32.8 | 25.4 | 14.7 |
| 7 | ***** | ***** | 42.5 | 41.8 | 40.7 | 39.6 | 38.4 | 37.2 | 35.9 | 34.6 | 33.3 | 30.4 | 23.5 | 13.6 |
| 8 | ***** | ***** | 39.8 | 39.1 | 38.1 | 37.0 | 35.9 | 34.8 | 33.6 | 32.4 | 31.1 | 28.4 | 22.0 | 12.7 |
| 9 | ***** | ***** | 37.5 | 36.9 | 35.9 | 34.9 | 33.9 | 32.8 | 31.7 | 30.5 | 29.3 | 26.8 | 20.7 | 12.0 |
| 10 | ***** | ***** | 35.6 | 35.0 | 34.1 | 33.1 | 32.1 | 31.1 | 30.0 | 29.0 | 27.8 | 25.4 | 19.7 | 11.4 |
| 11 | ***** | ***** | 33.9 | 33.4 | 32.5 | 31.6 | 30.6 | 29.7 | 28.7 | 27.6 | 26.5 | 24.2 | 18.8 | 10.8 |
| 12 | ***** | ***** | 32.5 | 32.0 | 31.1 | 30.2 | 29.3 | 28.4 | 27.4 | 26.4 | 25.4 | 23.2 | 18.0 | 10.4 |
| 13 | ***** | ***** | 31.2 | 30.7 | 29.9 | 29.0 | 28.2 | 27.3 | 26.4 | 25.4 | 24.4 | 22.3 | 17.3 | 10.0 |
| 14 | ***** | ***** | ***** | 29.6 | 28.8 | 28.0 | 27.1 | 26.3 | 25.4 | 24.5 | 23.5 | 21.5 | 16.6 | 9.6 |
| 15 | ***** | ***** | ***** | 28.6 | 27.8 | 27.0 | 26.2 | 25.4 | 24.5 | 23.6 | 22.7 | 20.7 | 16.1 | 9.3 |
| 16 | ***** | ***** | ***** | 27.7 | 26.9 | 26.2 | 25.4 | 24.6 | 23.8 | 22.9 | 22.0 | 20.1 | 15.6 | 9.0 |
| 17 | ***** | ***** | ***** | 26.8 | 26.1 | 25.4 | 24.6 | 23.9 | 23.0 | 22.2 | 21.3 | 19.5 | 15.1 | 8.7 |
| 18 | ***** | ***** | ***** | 26.1 | 25.4 | 24.7 | 23.9 | 23.2 | 22.4 | 21.6 | 20.7 | 18.9 | 14.7 | 8.5 |
| 19 | ***** | ***** | ***** | 25.4 | 24.7 | 24.0 | 23.3 | 22.6 | 21.8 | 21.0 | 20.2 | 18.4 | 14.3 | 8.2 |
| 20 | ***** | ***** | ***** | 24.8 | 24.1 | 23.4 | 22.7 | 22.0 | 21.2 | 20.5 | 19.7 | 18.0 | 13.9 | 8.0 |
| 21 | ***** | ***** | ***** | 24.2 | 23.5 | 22.8 | 22.2 | 21.5 | 20.7 | 20.0 | 19.2 | 17.5 | 13.6 | 7.8 |
| 22 | ***** | ***** | ***** | 23.6 | 23.0 | 22.3 | 21.7 | 21.0 | 20.3 | 19.5 | 18.8 | 17.1 | 13.3 | 7.7 |
| 23 | ***** | ***** | ***** | 23.1 | 22.5 | 21.8 | 21.2 | 20.5 | 19.8 | 19.1 | 18.3 | 16.7 | 13.0 | 7.5 |
| 24 | ***** | ***** | ***** | 22.6 | 22.0 | 21.4 | 20.7 | 20.1 | 19.4 | 18.7 | 18.0 | 16.4 | 12.7 | 7.3 |
| 25 | ***** | ***** | ***** | 22.1 | 21.5 | 20.9 | 20.3 | 19.7 | 19.0 | 18.3 | 17.6 | 16.1 | 12.4 | 7.2 |
| 30 | ***** | ***** | ***** | 20.2 | 19.7 | 19.1 | 18.5 | 18.0 | 17.3 | 16.7 | 16.1 | 14.7 | 11.4 | 6.6 |
| 35 | ***** | ***** | ***** | ***** | 18.2 | 17.7 | 17.2 | 16.6 | 16.1 | 15.5 | 14.9 | 13.6 | 10.5 | 6.1 |
| 40 | ***** | ***** | ***** | ***** | 17.0 | 16.6 | 16.1 | 15.6 | 15.0 | 14.5 | 13.9 | 12.7 | 9.8 | 5.7 |
| 45 | ***** | ***** | ***** | ***** | 16.1 | 15.6 | 15.1 | 14.7 | 14.2 | 13.6 | 13.1 | 12.0 | 9.3 | 5.4 |
| 50 | ***** | ***** | ***** | ***** | 15.2 | 14.8 | 14.4 | 13.9 | 13.4 | 12.9 | 12.4 | 11.4 | 8.8 | 5.1 |
| 55 | ***** | ***** | ***** | ***** | 14.5 | 14.1 | 13.7 | 13.3 | 12.8 | 12.3 | 11.9 | 10.8 | 8.4 | 4.8 |
| 60 | ***** | ***** | ***** | ***** | 13.9 | 13.5 | 13.1 | 12.7 | 12.3 | 11.8 | 11.4 | 10.4 | 8.0 | 4.6 |
| 65 | ***** | ***** | ***** | ***** | 13.4 | 13.0 | 12.6 | 12.2 | 11.8 | 11.4 | 10.9 | 10.0 | 7.7 | 4.5 |
| 70 | ***** | ***** | ***** | ***** | 12.5 | 12.1 | 11.7 | 11.4 | 11.0 | 10.6 | 10.2 | 9.6 | 7.4 | 4.3 |
| 75 | ***** | ***** | ***** | ***** | 12.1 | 11.7 | 11.4 | 11.0 | 10.6 | 10.2 | 9.8 | 9.3 | 7.2 | 4.1 |
| 80 | ***** | ***** | ***** | ***** | 11.7 | 11.4 | 11.0 | 10.7 | 10.3 | 9.9 | 9.5 | 9.0 | 7.0 | 4.0 |
| 85 | ***** | ***** | ***** | ***** | 11.4 | 11.0 | 10.7 | 10.4 | 10.0 | 9.7 | 9.3 | 8.7 | 6.7 | 3.9 |
| 90 | ***** | ***** | ***** | ***** | 11.0 | 10.7 | 10.4 | 10.1 | 9.7 | 9.4 | 9.0 | 8.5 | 6.6 | 3.8 |
| 95 | ***** | ***** | ***** | ***** | 10.7 | 10.4 | 10.1 | 9.7 | 9.4 | 9.0 | 8.6 | 8.2 | 6.4 | 3.7 |
| 100 | ***** | ***** | ***** | ***** | 10.5 | 10.2 | 9.8 | 9.5 | 9.2 | 8.8 | 8.4 | 8.0 | 6.2 | 3.6 |

NOTES: FOR CORRECT USAGE OF THESE TABLES REFER TO CHAPTER 8

*** CONTINUES ***

APPROXIMATE VARIANCE TABLES
 GENERAL SOCIAL SURVEY CYCLE 4
 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% | 35.0% | 40.0% | 50.0% | 70.0% | 90.0% | | | | |
| 125 | ***** | ***** | ***** | ***** | ***** | ***** | 9.1 | 8.8 | 8.5 | 8.2 | 7.9 | 7.2 | 5.6 | 3.2 | | | | |
| 150 | ***** | ***** | ***** | ***** | ***** | ***** | ***** | 8.0 | 7.8 | 7.5 | 7.2 | 6.6 | 5.1 | 2.9 | | | | |
| 200 | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | 6.7 | 6.5 | 6.2 | 5.7 | 4.4 | 2.5 | | | | |
| 250 | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | 5.6 | 5.1 | 3.9 | 2.3 | | | | |
| 300 | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | 4.6 | 3.6 | 2.1 | | | | |
| 350 | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | 3.3 | 1.9 | | | | |
| 400 | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | 3.1 | 1.8 | | | | |
| 450 | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | 2.9 | 1.7 | | | | |
| 500 | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | 2.9 | 1.6 | | | | |

NOTES: FOR CORRECT USAGE OF THESE TABLES REFER TO CHAPTER 8

APPROXIMATE VARIANCE TABLES

GENERAL SOCIAL SURVEY CYCLE 4

NEW BRUNSWICK

| NUMERATOR OF PERCENTAGE ('0000) | 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 | ***** | 107.1 | 106.6 | 104.9 | 102.1 | 99.3 | 96.3 | 93.2 | 90.1 | 86.8 | 83.4 | 76.1 | 59.0 | 34.0 |
| 2 | ***** | 75.8 | 75.4 | 74.2 | 72.2 | 70.2 | 68.1 | 65.9 | 63.7 | 61.4 | 59.0 | 53.8 | 41.7 | 24.1 |
| 3 | ***** | 61.9 | 61.5 | 60.6 | 59.0 | 57.3 | 55.6 | 53.8 | 52.0 | 50.1 | 48.2 | 44.0 | 34.0 | 19.7 |
| 4 | ***** | 53.6 | 53.3 | 52.5 | 51.1 | 49.6 | 48.2 | 46.6 | 45.0 | 43.4 | 41.7 | 38.1 | 29.5 | 17.0 |
| 5 | ***** | 47.9 | 47.7 | 46.9 | 45.7 | 44.4 | 43.1 | 41.7 | 40.3 | 38.8 | 37.3 | 34.0 | 24.1 | 15.2 |
| 6 | ***** | ***** | 43.5 | 42.8 | 41.7 | 40.5 | 39.3 | 38.1 | 36.8 | 35.4 | 34.0 | 31.1 | 24.1 | 13.9 |
| 7 | ***** | ***** | 40.3 | 39.7 | 38.6 | 37.5 | 36.4 | 35.2 | 34.0 | 32.8 | 31.5 | 28.8 | 22.3 | 12.9 |
| 8 | ***** | ***** | 37.7 | 37.1 | 36.1 | 35.1 | 34.0 | 33.0 | 31.8 | 30.7 | 29.5 | 26.9 | 20.8 | 12.0 |
| 9 | ***** | ***** | 35.5 | 35.0 | 34.0 | 33.1 | 32.1 | 31.1 | 30.0 | 28.9 | 27.8 | 25.4 | 19.7 | 11.3 |
| 10 | ***** | ***** | 33.7 | 33.2 | 32.3 | 31.4 | 30.5 | 29.5 | 28.5 | 27.5 | 26.4 | 24.1 | 18.6 | 10.8 |
| 11 | ***** | ***** | 32.1 | 31.6 | 30.8 | 29.9 | 29.0 | 28.1 | 27.2 | 26.2 | 25.1 | 23.0 | 17.8 | 10.3 |
| 12 | ***** | ***** | ***** | 30.3 | 29.5 | 28.7 | 27.8 | 26.9 | 26.0 | 25.1 | 24.1 | 22.0 | 17.0 | 9.8 |
| 13 | ***** | ***** | ***** | 29.1 | 28.3 | 27.5 | 26.7 | 25.9 | 25.0 | 24.1 | 23.1 | 21.1 | 16.4 | 9.4 |
| 14 | ***** | ***** | ***** | 28.0 | 27.3 | 26.5 | 25.7 | 24.9 | 24.1 | 23.2 | 22.3 | 20.3 | 15.8 | 9.1 |
| 15 | ***** | ***** | ***** | 27.1 | 26.4 | 25.6 | 24.9 | 24.1 | 23.3 | 22.4 | 21.5 | 19.7 | 15.2 | 8.8 |
| 16 | ***** | ***** | ***** | 26.2 | 25.5 | 24.8 | 24.1 | 23.3 | 22.5 | 21.7 | 20.8 | 19.0 | 14.7 | 8.5 |
| 17 | ***** | ***** | ***** | 25.5 | 24.8 | 24.1 | 23.4 | 22.6 | 21.8 | 21.1 | 20.2 | 18.5 | 14.3 | 8.3 |
| 18 | ***** | ***** | ***** | 24.7 | 24.1 | 23.4 | 22.7 | 22.0 | 21.2 | 20.5 | 19.7 | 17.9 | 13.9 | 8.0 |
| 19 | ***** | ***** | ***** | 24.1 | 23.4 | 22.8 | 22.1 | 21.4 | 20.7 | 19.9 | 19.1 | 17.5 | 13.5 | 7.8 |
| 20 | ***** | ***** | ***** | 23.5 | 22.8 | 22.2 | 21.5 | 20.8 | 20.1 | 19.4 | 18.6 | 17.0 | 13.2 | 7.6 |
| 21 | ***** | ***** | ***** | 22.9 | 22.3 | 21.7 | 21.0 | 20.3 | 19.7 | 18.9 | 18.2 | 16.6 | 12.9 | 7.4 |
| 22 | ***** | ***** | ***** | 22.4 | 21.8 | 21.2 | 20.5 | 19.9 | 19.2 | 18.5 | 17.8 | 16.2 | 12.6 | 7.3 |
| 23 | ***** | ***** | ***** | 21.9 | 21.3 | 20.7 | 20.1 | 19.4 | 18.8 | 18.1 | 17.4 | 15.9 | 12.3 | 7.1 |
| 24 | ***** | ***** | ***** | 21.4 | 20.8 | 20.3 | 19.7 | 19.0 | 18.4 | 17.7 | 17.0 | 15.5 | 12.0 | 6.9 |
| 25 | ***** | ***** | ***** | 21.0 | 20.4 | 19.9 | 19.3 | 18.6 | 18.0 | 17.4 | 16.7 | 15.2 | 11.8 | 6.8 |
| 30 | ***** | ***** | ***** | ***** | 18.6 | 18.1 | 17.6 | 17.0 | 16.4 | 15.8 | 15.2 | 13.9 | 10.8 | 6.2 |
| 35 | ***** | ***** | ***** | ***** | 17.3 | 16.8 | 16.3 | 15.8 | 15.2 | 14.7 | 14.1 | 12.9 | 10.0 | 5.8 |
| 40 | ***** | ***** | ***** | ***** | 16.2 | 15.7 | 15.2 | 14.7 | 14.2 | 13.7 | 13.2 | 12.0 | 9.3 | 5.4 |
| 45 | ***** | ***** | ***** | ***** | 15.2 | 14.8 | 14.4 | 13.9 | 13.4 | 12.9 | 12.4 | 11.3 | 8.8 | 5.1 |
| 50 | ***** | ***** | ***** | ***** | 14.4 | 14.0 | 13.6 | 13.2 | 12.7 | 12.3 | 11.8 | 10.8 | 8.3 | 4.8 |
| 55 | ***** | ***** | ***** | ***** | 13.8 | 13.4 | 13.0 | 12.6 | 12.1 | 11.7 | 11.2 | 10.3 | 8.0 | 4.6 |
| 60 | ***** | ***** | ***** | ***** | ***** | 12.8 | 12.4 | 12.0 | 11.6 | 11.2 | 10.8 | 9.8 | 7.6 | 4.4 |
| 65 | ***** | ***** | ***** | ***** | ***** | 12.3 | 11.9 | 11.6 | 11.2 | 10.8 | 10.3 | 9.4 | 7.3 | 4.2 |
| 70 | ***** | ***** | ***** | ***** | ***** | 11.9 | 11.5 | 11.1 | 10.8 | 10.4 | 10.0 | 9.1 | 7.0 | 4.1 |
| 75 | ***** | ***** | ***** | ***** | ***** | 11.5 | 11.1 | 10.8 | 10.4 | 10.0 | 9.6 | 8.8 | 6.8 | 3.9 |
| 80 | ***** | ***** | ***** | ***** | ***** | 11.1 | 10.8 | 10.4 | 10.1 | 9.7 | 9.3 | 8.5 | 6.6 | 3.8 |
| 85 | ***** | ***** | ***** | ***** | ***** | ***** | 10.4 | 10.1 | 9.8 | 9.4 | 9.0 | 8.3 | 6.4 | 3.7 |
| 90 | ***** | ***** | ***** | ***** | ***** | ***** | 10.2 | 9.8 | 9.5 | 9.2 | 8.8 | 8.0 | 6.2 | 3.6 |
| 95 | ***** | ***** | ***** | ***** | ***** | ***** | 9.9 | 9.6 | 9.2 | 8.9 | 8.6 | 7.8 | 6.1 | 3.5 |
| 100 | ***** | ***** | ***** | ***** | ***** | ***** | 9.6 | 9.3 | 9.0 | 8.7 | 8.3 | 7.6 | 5.9 | 3.4 |

NOTES: FOR CORRECT USAGE OF THESE TABLES REFER TO CHAPTER 8

*** CONTINUES ***

APPROXIMATE VARIANCE TABLES
GENERAL SOCIAL SURVEY CYCLE 4
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% | 35.0% | 40.0% | 50.0% | 70.0% | 90.0% |
| 125 | ***** | ***** | ***** | ***** | ***** | ***** | ***** | 8.3 | 8.1 | 7.8 | 7.5 | 6.8 | 5.3 | 3.0 |
| 150 | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | 7.4 | 7.1 | 6.8 | 6.2 | 4.8 | 2.8 |
| 200 | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | 5.9 | 5.4 | 4.2 | 2.4 |
| 250 | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | 4.8 | 3.7 | 2.2 |
| 300 | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | 3.4 | 2.0 |
| 350 | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | 3.2 | 1.8 |
| 400 | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | 1.7 |
| 450 | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | 1.6 |

NOTES: FOR CORRECT USAGE OF THESE TABLES REFER TO CHAPTER 8

APPROXIMATE VARIANCE TABLES

GENERAL SOCIAL SURVEY CYCLE 4

QUEBEC

| NUMERATOR OF PERCENTAGE ('000) | 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 | 199.4 | 198.5 | 197.5 | 194.4 | 189.2 | 183.9 | 178.4 | 172.7 | 166.9 | 160.8 | 154.5 | 141.0 | 109.2 | 63.1 |
| 2 | 141.0 | 140.3 | 139.6 | 137.5 | 133.8 | 130.0 | 126.1 | 122.1 | 118.0 | 113.7 | 109.2 | 99.7 | 77.3 | 44.6 |
| 3 | 115.1 | 114.6 | 114.0 | 112.2 | 109.2 | 106.2 | 103.0 | 99.7 | 96.3 | 92.8 | 89.2 | 81.4 | 63.1 | 36.4 |
| 4 | 99.7 | 99.2 | 98.7 | 97.2 | 94.6 | 91.9 | 89.2 | 86.4 | 83.4 | 80.4 | 77.3 | 70.5 | 54.6 | 31.5 |
| 5 | 89.2 | 88.8 | 88.3 | 86.9 | 84.6 | 82.2 | 79.8 | 77.3 | 74.6 | 71.9 | 69.1 | 63.1 | 48.9 | 28.2 |
| 6 | 81.0 | 81.0 | 80.6 | 79.4 | 77.5 | 75.1 | 72.8 | 70.5 | 68.1 | 65.7 | 63.1 | 57.6 | 44.6 | 25.8 |
| 7 | 75.0 | 75.0 | 74.6 | 73.5 | 71.5 | 69.5 | 67.4 | 65.3 | 63.1 | 60.8 | 58.4 | 53.3 | 41.3 | 23.8 |
| 8 | 70.2 | 70.2 | 69.8 | 68.7 | 66.9 | 65.0 | 63.1 | 61.1 | 59.0 | 56.9 | 54.6 | 49.9 | 38.6 | 22.3 |
| 9 | 66.2 | 66.2 | 65.8 | 64.8 | 63.1 | 61.3 | 59.5 | 57.6 | 55.6 | 53.6 | 51.5 | 47.0 | 36.4 | 21.0 |
| 10 | 62.8 | 62.8 | 62.4 | 61.5 | 59.8 | 58.2 | 56.4 | 54.6 | 52.8 | 50.9 | 48.9 | 44.6 | 34.5 | 19.9 |
| 11 | 59.8 | 59.8 | 59.5 | 58.6 | 57.1 | 55.4 | 53.8 | 52.1 | 50.3 | 48.5 | 46.6 | 42.5 | 32.9 | 19.0 |
| 12 | 57.3 | 57.3 | 57.0 | 56.1 | 54.6 | 53.1 | 51.5 | 49.9 | 48.2 | 46.4 | 44.6 | 40.7 | 31.5 | 18.2 |
| 13 | 55.0 | 55.0 | 54.8 | 53.9 | 52.5 | 51.0 | 49.5 | 47.9 | 46.3 | 44.6 | 42.9 | 39.1 | 30.3 | 17.5 |
| 14 | 53.0 | 53.0 | 52.8 | 52.0 | 50.6 | 49.1 | 47.7 | 46.2 | 44.6 | 43.0 | 41.3 | 37.7 | 29.2 | 16.9 |
| 15 | 51.2 | 51.2 | 51.0 | 50.2 | 48.9 | 47.5 | 46.1 | 44.6 | 43.1 | 41.5 | 39.9 | 36.4 | 28.2 | 16.3 |
| 16 | 49.6 | 49.6 | 49.4 | 48.6 | 47.3 | 46.0 | 44.6 | 43.2 | 41.7 | 40.2 | 38.6 | 35.3 | 27.3 | 15.8 |
| 17 | 48.1 | 48.1 | 47.9 | 47.2 | 45.9 | 44.6 | 43.3 | 41.9 | 40.5 | 39.0 | 37.5 | 34.2 | 26.5 | 15.3 |
| 18 | 46.5 | 46.5 | 46.3 | 45.8 | 44.6 | 43.3 | 42.0 | 40.7 | 39.3 | 37.9 | 36.4 | 33.2 | 25.8 | 14.9 |
| 19 | 45.8 | 45.8 | 45.5 | 44.6 | 43.3 | 42.2 | 40.9 | 39.6 | 38.3 | 36.9 | 35.4 | 32.4 | 25.1 | 14.5 |
| 20 | 44.4 | 44.4 | 44.2 | 43.5 | 42.3 | 41.1 | 39.9 | 38.6 | 37.3 | 36.0 | 34.5 | 31.5 | 24.4 | 14.1 |
| 21 | 43.3 | 43.3 | 43.1 | 42.4 | 41.3 | 40.1 | 38.9 | 37.7 | 36.4 | 35.1 | 33.7 | 30.8 | 23.8 | 13.8 |
| 22 | 42.3 | 42.3 | 42.1 | 41.4 | 40.3 | 39.2 | 38.0 | 36.8 | 35.6 | 34.3 | 32.9 | 30.1 | 23.3 | 13.4 |
| 23 | 41.4 | 41.4 | 41.2 | 40.5 | 39.5 | 38.3 | 37.2 | 36.0 | 34.8 | 33.5 | 32.2 | 29.4 | 22.8 | 13.2 |
| 24 | 40.5 | 40.5 | 40.3 | 39.7 | 38.6 | 37.5 | 36.4 | 35.3 | 34.1 | 32.8 | 31.5 | 28.8 | 22.3 | 12.9 |
| 25 | 39.7 | 39.7 | 39.5 | 38.9 | 37.8 | 36.8 | 35.7 | 34.5 | 33.4 | 32.2 | 30.9 | 28.2 | 21.8 | 12.6 |
| 30 | 36.2 | 36.2 | 36.1 | 35.5 | 34.5 | 33.6 | 32.6 | 31.5 | 30.5 | 29.4 | 28.2 | 25.8 | 19.9 | 11.5 |
| 35 | 33.5 | 33.5 | 33.4 | 32.9 | 32.0 | 31.1 | 30.2 | 29.2 | 28.2 | 27.2 | 26.1 | 23.8 | 18.5 | 10.7 |
| 40 | 31.4 | 31.4 | 31.2 | 30.7 | 29.9 | 29.1 | 28.2 | 27.3 | 26.4 | 25.4 | 24.4 | 22.3 | 17.3 | 10.0 |
| 45 | 29.6 | 29.6 | 29.4 | 29.0 | 28.2 | 27.4 | 26.6 | 25.8 | 24.9 | 24.0 | 23.0 | 21.0 | 16.3 | 9.4 |
| 50 | 28.1 | 28.1 | 27.9 | 27.5 | 26.8 | 26.0 | 25.2 | 24.4 | 23.6 | 22.7 | 21.8 | 19.9 | 15.5 | 8.9 |
| 55 | 26.6 | 26.6 | 26.6 | 26.2 | 25.5 | 24.8 | 24.1 | 23.3 | 22.5 | 21.7 | 20.8 | 19.0 | 14.7 | 8.5 |
| 60 | 25.5 | 25.5 | 25.5 | 25.1 | 24.4 | 23.7 | 23.0 | 22.3 | 21.5 | 20.8 | 19.9 | 18.2 | 14.1 | 8.1 |
| 65 | 24.5 | 24.5 | 24.5 | 24.1 | 23.5 | 22.8 | 22.1 | 21.4 | 20.7 | 19.9 | 19.2 | 17.5 | 13.6 | 7.8 |
| 70 | 23.6 | 23.6 | 23.6 | 23.2 | 22.6 | 22.0 | 21.3 | 20.6 | 19.9 | 19.2 | 18.5 | 16.9 | 13.1 | 7.5 |
| 75 | 22.8 | 22.8 | 22.8 | 22.4 | 21.8 | 21.2 | 20.6 | 19.9 | 19.3 | 18.6 | 17.8 | 16.3 | 12.6 | 7.3 |
| 80 | 22.1 | 22.1 | 22.1 | 21.7 | 21.2 | 20.6 | 19.9 | 19.3 | 18.7 | 18.0 | 17.3 | 15.8 | 12.2 | 7.1 |
| 85 | 21.4 | 21.4 | 21.4 | 21.1 | 20.5 | 19.9 | 19.4 | 18.7 | 18.1 | 17.4 | 16.8 | 15.3 | 11.8 | 6.8 |
| 90 | 20.8 | 20.8 | 20.8 | 20.5 | 19.9 | 19.4 | 18.8 | 18.2 | 17.6 | 17.0 | 16.3 | 14.9 | 11.5 | 6.6 |
| 95 | 20.3 | 20.3 | 20.3 | 19.9 | 19.4 | 18.9 | 18.3 | 17.7 | 17.1 | 16.5 | 15.9 | 14.5 | 11.2 | 6.5 |
| 100 | 19.7 | 19.7 | 19.7 | 19.4 | 18.9 | 18.4 | 17.8 | 17.3 | 16.7 | 16.1 | 15.5 | 14.1 | 10.9 | 6.3 |

NOTES: FOR CORRECT USAGE OF THESE TABLES REFER TO CHAPTER 8

*** CONTINUES ***

APPROXIMATE VARIANCE TABLES
GENERAL SOCIAL SURVEY CYCLE 4

QUEBEC

| NUMERATOR OF PERCENTAGE ('000) | 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% |
| 125 | ***** | ***** | ***** | 17.4 | 16.9 | 16.4 | 16.0 | 15.5 | 14.9 | 14.4 | 13.8 | 12.6 | 9.8 | 5.6 |
| 150 | ***** | ***** | ***** | 15.9 | 15.5 | 15.0 | 14.6 | 14.1 | 13.6 | 13.1 | 12.6 | 11.5 | 8.9 | 5.2 |
| 200 | ***** | ***** | ***** | 13.7 | 13.4 | 13.0 | 12.6 | 12.2 | 11.8 | 11.4 | 10.9 | 10.0 | 7.7 | 4.5 |
| 250 | ***** | ***** | ***** | 12.3 | 12.0 | 11.6 | 11.3 | 10.9 | 10.6 | 10.2 | 9.8 | 8.9 | 6.9 | 4.0 |
| 300 | ***** | ***** | ***** | ***** | 10.9 | 10.6 | 10.3 | 10.0 | 9.6 | 9.3 | 8.9 | 8.1 | 6.3 | 3.6 |
| 350 | ***** | ***** | ***** | ***** | 10.1 | 9.8 | 9.5 | 9.2 | 8.9 | 8.6 | 8.3 | 7.5 | 5.8 | 3.4 |
| 400 | ***** | ***** | ***** | ***** | 9.5 | 9.2 | 8.9 | 8.6 | 8.3 | 8.0 | 7.7 | 7.1 | 5.5 | 3.2 |
| 450 | ***** | ***** | ***** | ***** | 8.9 | 8.7 | 8.4 | 8.1 | 7.9 | 7.6 | 7.3 | 6.6 | 5.2 | 3.0 |
| 500 | ***** | ***** | ***** | ***** | 8.5 | 8.2 | 8.0 | 7.7 | 7.5 | 7.2 | 6.9 | 6.3 | 4.9 | 2.8 |
| 750 | ***** | ***** | ***** | ***** | ***** | 6.7 | 6.5 | 6.3 | 6.1 | 5.9 | 5.6 | 5.2 | 4.0 | 2.3 |
| 1000 | ***** | ***** | ***** | ***** | ***** | ***** | 5.6 | 5.5 | 5.3 | 5.1 | 4.9 | 4.5 | 3.5 | 2.0 |
| 1500 | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | 4.3 | 4.2 | 4.0 | 3.6 | 2.8 | 1.6 |
| 2000 | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | 2.4 | 1.4 |
| 3000 | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | 2.0 | 1.2 |
| 4000 | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | 1.0 |

NOTES: FOR CORRECT USAGE OF THESE TABLES REFER TO CHAPTER 8

APPROXIMATE VARIANCE TABLES

GENERAL SOCIAL SURVEY CYCLE 4

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% | 35.0% | 40.0% | 50.0% | 70.0% | 90.0% |
| 1 | 216.0 | 215.1 | 214.0 | 210.7 | 205.0 | 199.3 | 193.3 | 187.2 | 180.8 | 174.3 | 167.4 | 152.8 | 118.4 | 68.3 |
| 2 | 152.8 | 152.1 | 151.3 | 149.0 | 145.0 | 140.9 | 136.7 | 132.4 | 127.9 | 123.2 | 118.4 | 108.1 | 83.7 | 48.3 |
| 3 | 124.7 | 124.2 | 123.5 | 121.6 | 118.4 | 115.0 | 111.6 | 108.1 | 104.4 | 100.6 | 96.7 | 88.2 | 68.3 | 39.5 |
| 4 | 108.0 | 107.5 | 107.0 | 105.3 | 102.5 | 99.6 | 96.7 | 93.6 | 90.4 | 87.1 | 83.7 | 76.4 | 59.2 | 34.2 |
| 5 | 96.6 | 96.2 | 95.7 | 94.2 | 91.7 | 89.1 | 86.5 | 83.7 | 80.9 | 77.9 | 74.9 | 68.3 | 52.9 | 30.6 |
| 6 | 88.2 | 87.8 | 87.4 | 86.0 | 83.7 | 81.4 | 78.9 | 76.4 | 73.8 | 71.1 | 68.3 | 62.4 | 48.3 | 27.9 |
| 7 | 81.7 | 81.3 | 80.9 | 79.6 | 77.5 | 75.3 | 73.1 | 70.7 | 68.3 | 65.9 | 63.3 | 57.8 | 44.7 | 25.8 |
| 8 | ***** | 76.0 | 75.6 | 74.5 | 72.5 | 70.5 | 68.3 | 66.2 | 63.9 | 61.6 | 59.2 | 54.0 | 41.9 | 24.2 |
| 9 | ***** | 71.7 | 71.3 | 70.2 | 68.3 | 66.4 | 64.4 | 62.4 | 60.3 | 58.1 | 55.8 | 50.9 | 39.5 | 22.8 |
| 10 | ***** | 68.0 | 67.7 | 66.6 | 64.8 | 63.0 | 61.1 | 59.2 | 57.2 | 55.1 | 52.9 | 48.3 | 37.4 | 21.6 |
| 11 | ***** | 64.8 | 64.5 | 63.5 | 61.8 | 60.1 | 58.3 | 56.4 | 54.5 | 52.5 | 50.5 | 46.1 | 35.7 | 20.6 |
| 12 | ***** | 62.1 | 61.8 | 60.8 | 59.2 | 57.5 | 55.8 | 54.0 | 52.2 | 50.3 | 48.3 | 44.1 | 34.2 | 19.7 |
| 13 | ***** | 59.6 | 59.3 | 58.4 | 56.9 | 55.3 | 53.6 | 51.9 | 50.2 | 48.3 | 46.4 | 42.4 | 32.8 | 19.0 |
| 14 | ***** | 57.5 | 57.2 | 56.3 | 54.8 | 53.3 | 51.7 | 50.0 | 48.3 | 46.6 | 44.7 | 40.8 | 31.6 | 18.3 |
| 15 | ***** | 55.5 | 55.2 | 54.4 | 52.9 | 51.5 | 49.9 | 48.3 | 46.7 | 45.0 | 43.2 | 39.5 | 30.6 | 17.6 |
| 16 | ***** | 53.8 | 53.5 | 52.7 | 51.4 | 49.8 | 48.3 | 46.8 | 45.2 | 43.6 | 41.9 | 38.2 | 29.6 | 17.1 |
| 17 | ***** | 52.2 | 51.9 | 51.1 | 49.7 | 48.3 | 46.9 | 45.4 | 43.9 | 42.3 | 40.6 | 37.1 | 28.7 | 16.6 |
| 18 | ***** | 50.7 | 50.4 | 49.7 | 48.3 | 47.0 | 45.6 | 44.4 | 42.6 | 41.1 | 39.5 | 36.0 | 27.9 | 16.1 |
| 19 | ***** | 49.3 | 49.1 | 48.3 | 47.0 | 45.7 | 44.4 | 42.9 | 41.5 | 40.0 | 38.4 | 35.1 | 27.2 | 15.7 |
| 20 | ***** | 48.1 | 47.8 | 47.1 | 46.0 | 44.6 | 43.2 | 41.9 | 40.4 | 39.0 | 37.4 | 34.2 | 26.5 | 15.3 |
| 21 | ***** | 46.9 | 46.7 | 46.0 | 44.9 | 43.5 | 42.2 | 40.8 | 39.5 | 38.0 | 36.5 | 33.4 | 25.8 | 14.9 |
| 22 | ***** | 45.9 | 45.6 | 44.9 | 43.9 | 42.5 | 41.2 | 39.9 | 38.6 | 37.2 | 35.7 | 32.6 | 25.2 | 14.6 |
| 23 | ***** | 44.8 | 44.6 | 44.0 | 43.0 | 41.6 | 40.3 | 39.0 | 37.7 | 36.3 | 34.9 | 31.9 | 24.7 | 14.3 |
| 24 | ***** | 43.9 | 43.7 | 43.0 | 42.0 | 40.7 | 39.5 | 38.2 | 36.9 | 35.6 | 34.2 | 31.2 | 24.2 | 14.0 |
| 25 | ***** | 43.0 | 42.8 | 42.1 | 41.0 | 39.9 | 38.7 | 37.4 | 36.2 | 34.9 | 33.5 | 30.6 | 23.7 | 13.7 |
| 30 | ***** | 39.3 | 39.1 | 38.5 | 37.4 | 36.4 | 35.3 | 34.2 | 33.0 | 31.8 | 30.6 | 27.9 | 21.6 | 12.5 |
| 35 | ***** | 36.4 | 36.2 | 35.6 | 34.7 | 33.7 | 32.7 | 31.6 | 30.6 | 29.5 | 28.3 | 25.8 | 20.0 | 11.6 |
| 40 | ***** | 34.0 | 33.8 | 33.3 | 32.4 | 31.5 | 30.6 | 29.6 | 28.6 | 27.6 | 26.5 | 24.2 | 18.7 | 10.8 |
| 45 | ***** | 32.1 | 31.9 | 31.4 | 30.6 | 29.7 | 28.8 | 27.9 | 27.0 | 26.0 | 25.0 | 22.8 | 17.6 | 10.2 |
| 50 | ***** | 30.4 | 30.3 | 29.8 | 29.0 | 28.2 | 27.3 | 26.5 | 25.6 | 24.6 | 23.7 | 21.6 | 16.7 | 9.7 |
| 55 | ***** | 29.0 | 28.9 | 28.4 | 27.6 | 26.9 | 26.1 | 25.2 | 24.4 | 23.5 | 22.6 | 20.6 | 16.0 | 9.2 |
| 60 | ***** | 27.8 | 27.6 | 27.2 | 26.5 | 25.7 | 25.0 | 24.2 | 23.3 | 22.5 | 21.6 | 19.7 | 15.3 | 8.8 |
| 65 | ***** | 26.7 | 26.5 | 26.1 | 25.4 | 24.7 | 24.0 | 23.2 | 22.4 | 21.6 | 20.8 | 19.0 | 14.7 | 8.5 |
| 70 | ***** | 25.7 | 25.6 | 25.2 | 24.5 | 23.8 | 23.1 | 22.4 | 21.6 | 20.8 | 20.0 | 18.3 | 14.1 | 8.2 |
| 75 | ***** | ***** | 24.7 | 24.3 | 23.7 | 23.0 | 22.3 | 21.6 | 20.9 | 20.1 | 19.3 | 17.6 | 13.7 | 7.9 |
| 80 | ***** | ***** | 23.9 | 23.6 | 22.9 | 22.3 | 21.6 | 20.9 | 20.2 | 19.5 | 18.7 | 17.1 | 13.2 | 7.6 |
| 85 | ***** | ***** | 23.2 | 22.8 | 22.2 | 21.6 | 21.0 | 20.3 | 19.6 | 18.9 | 18.2 | 16.6 | 12.8 | 7.4 |
| 90 | ***** | ***** | 22.6 | 22.2 | 21.6 | 21.0 | 20.4 | 19.7 | 19.1 | 18.4 | 17.6 | 16.1 | 12.5 | 7.2 |
| 95 | ***** | ***** | 22.0 | 21.6 | 21.0 | 20.4 | 19.8 | 19.2 | 18.6 | 17.9 | 17.2 | 15.7 | 12.1 | 7.0 |
| 100 | ***** | ***** | 21.4 | 21.1 | 20.5 | 19.9 | 19.3 | 18.7 | 18.1 | 17.4 | 16.7 | 15.3 | 11.8 | 6.8 |

NOTES: FOR CORRECT USAGE OF THESE TABLES REFER TO CHAPTER 8

*** CONTINUES ***

APPROXIMATE VARIANCE TABLES
GENERAL SOCIAL SURVEY CYCLE 4

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% | 35.0% | 40.0% | 50.0% | 70.0% | 90.0% |
| 125 | ***** | ***** | 19.1 | 18.8 | 18.3 | 17.8 | 17.3 | 16.7 | 16.2 | 15.6 | 15.0 | 13.7 | 10.6 | 6.1 |
| 150 | ***** | ***** | ***** | 17.2 | 16.7 | 16.3 | 15.8 | 15.3 | 14.8 | 14.2 | 13.7 | 12.5 | 9.7 | 5.6 |
| 200 | ***** | ***** | ***** | 14.9 | 14.5 | 14.1 | 13.7 | 13.2 | 12.8 | 12.3 | 11.8 | 10.8 | 8.4 | 4.8 |
| 250 | ***** | ***** | ***** | 13.3 | 13.0 | 12.6 | 12.2 | 11.8 | 11.4 | 11.0 | 10.6 | 9.7 | 7.5 | 4.3 |
| 300 | ***** | ***** | ***** | 12.2 | 11.8 | 11.5 | 11.2 | 10.8 | 10.4 | 10.1 | 9.7 | 8.8 | 6.8 | 3.9 |
| 350 | ***** | ***** | ***** | 11.3 | 11.0 | 10.7 | 10.3 | 10.0 | 9.7 | 9.3 | 8.9 | 8.2 | 6.3 | 3.7 |
| 400 | ***** | ***** | ***** | ***** | 10.3 | 10.0 | 9.7 | 9.4 | 9.0 | 8.7 | 8.4 | 7.6 | 5.9 | 3.4 |
| 450 | ***** | ***** | ***** | ***** | 9.7 | 9.4 | 9.1 | 8.8 | 8.5 | 8.2 | 7.9 | 7.2 | 5.6 | 3.2 |
| 500 | ***** | ***** | ***** | ***** | 9.2 | 8.9 | 8.6 | 8.4 | 8.1 | 7.8 | 7.5 | 6.8 | 5.3 | 3.1 |
| 750 | ***** | ***** | ***** | ***** | ***** | 7.3 | 7.1 | 6.8 | 6.6 | 6.4 | 6.1 | 5.6 | 4.3 | 2.5 |
| 1000 | ***** | ***** | ***** | ***** | ***** | 6.3 | 6.1 | 5.9 | 5.7 | 5.5 | 5.3 | 4.8 | 3.7 | 2.2 |
| 1500 | ***** | ***** | ***** | ***** | ***** | ***** | ***** | 4.8 | 4.7 | 4.5 | 4.3 | 3.9 | 3.1 | 1.8 |
| 2000 | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | 4.0 | 3.9 | 3.7 | 3.4 | 2.6 | 1.5 |
| 3000 | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | 2.8 | 2.2 | 1.2 |
| 4000 | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | 1.9 | 1.1 |
| 5000 | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | 1.7 | 1.0 |
| 6000 | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | 0.9 |

NOTES: FOR CORRECT USAGE OF THESE TABLES REFER TO CHAPTER 8

APPROXIMATE VARIANCE TABLES
GENERAL SOCIAL SURVEY CYCLE 4

MANITOBA

| NUMERATOR OF PERCENTAGE ('0000) | 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 | ***** | 117.4 | 116.8 | 115.0 | 111.9 | 108.8 | 105.5 | 102.2 | 98.7 | 95.1 | 91.4 | 83.4 | 64.6 | 37.3 |
| 2 | ***** | 83.0 | 82.6 | 81.3 | 79.1 | 76.9 | 74.6 | 72.2 | 69.8 | 67.2 | 64.6 | 59.0 | 45.7 | 26.4 |
| 3 | ***** | 67.8 | 67.4 | 66.4 | 64.6 | 62.8 | 60.9 | 59.0 | 57.0 | 54.9 | 52.8 | 48.2 | 37.3 | 21.5 |
| 4 | ***** | 58.7 | 58.4 | 57.5 | 56.0 | 54.4 | 52.8 | 51.1 | 49.3 | 47.6 | 45.7 | 41.7 | 32.3 | 18.7 |
| 5 | ***** | 52.5 | 52.2 | 51.4 | 50.0 | 48.6 | 47.2 | 45.7 | 44.1 | 42.5 | 40.9 | 37.3 | 28.9 | 16.7 |
| 6 | ***** | 47.9 | 47.7 | 46.9 | 45.7 | 44.4 | 43.1 | 41.7 | 40.3 | 38.8 | 37.3 | 34.1 | 26.4 | 15.2 |
| 7 | ***** | 44.4 | 44.1 | 43.5 | 42.3 | 41.1 | 39.9 | 38.6 | 37.3 | 35.9 | 34.5 | 31.5 | 24.4 | 14.1 |
| 8 | ***** | 41.5 | 41.3 | 40.6 | 39.6 | 38.4 | 37.3 | 36.1 | 34.9 | 33.6 | 32.3 | 29.5 | 22.8 | 13.2 |
| 9 | ***** | ***** | 38.9 | 38.3 | 37.3 | 36.3 | 35.2 | 34.1 | 32.9 | 31.7 | 30.5 | 27.8 | 21.5 | 12.4 |
| 10 | ***** | ***** | 36.9 | 36.4 | 35.4 | 34.4 | 33.4 | 32.3 | 31.2 | 30.1 | 28.9 | 26.4 | 20.4 | 11.8 |
| 11 | ***** | ***** | 35.2 | 34.7 | 33.8 | 32.8 | 31.8 | 30.8 | 29.8 | 28.7 | 27.5 | 25.1 | 19.5 | 11.2 |
| 12 | ***** | ***** | 33.7 | 33.2 | 32.3 | 31.4 | 30.5 | 29.5 | 28.5 | 27.5 | 26.4 | 24.1 | 18.7 | 10.8 |
| 13 | ***** | ***** | 32.4 | 31.9 | 31.0 | 30.2 | 29.3 | 28.3 | 27.4 | 26.4 | 25.3 | 23.1 | 17.9 | 10.3 |
| 14 | ***** | ***** | 31.2 | 30.7 | 29.9 | 29.1 | 28.2 | 27.3 | 26.4 | 25.4 | 24.4 | 22.3 | 17.3 | 10.0 |
| 15 | ***** | ***** | 30.2 | 29.7 | 28.9 | 28.1 | 27.2 | 26.4 | 25.5 | 24.6 | 23.6 | 21.5 | 16.7 | 9.6 |
| 16 | ***** | ***** | 29.2 | 28.7 | 28.0 | 27.2 | 26.4 | 25.5 | 24.7 | 23.8 | 22.8 | 20.9 | 16.2 | 9.3 |
| 17 | ***** | ***** | ***** | 27.9 | 27.1 | 26.4 | 25.6 | 24.8 | 23.9 | 23.1 | 22.2 | 20.2 | 15.7 | 9.0 |
| 18 | ***** | ***** | ***** | 26.4 | 25.7 | 24.9 | 24.2 | 23.4 | 22.6 | 21.8 | 21.0 | 19.1 | 14.8 | 8.6 |
| 19 | ***** | ***** | ***** | 25.1 | 24.4 | 23.6 | 22.8 | 22.0 | 21.2 | 20.4 | 19.6 | 17.7 | 13.8 | 8.3 |
| 20 | ***** | ***** | ***** | 24.5 | 23.9 | 23.2 | 22.5 | 21.8 | 21.0 | 20.2 | 19.4 | 17.5 | 13.8 | 8.1 |
| 21 | ***** | ***** | ***** | 24.0 | 23.3 | 22.7 | 22.0 | 21.3 | 20.6 | 19.8 | 19.1 | 17.4 | 13.5 | 8.0 |
| 22 | ***** | ***** | ***** | 23.5 | 22.8 | 22.2 | 21.5 | 20.9 | 20.1 | 19.4 | 18.7 | 17.0 | 13.2 | 7.8 |
| 23 | ***** | ***** | ***** | 23.0 | 22.4 | 21.8 | 21.1 | 20.4 | 19.7 | 19.0 | 18.3 | 16.7 | 12.9 | 7.6 |
| 24 | ***** | ***** | ***** | 21.0 | 20.4 | 19.9 | 19.3 | 18.7 | 18.0 | 17.4 | 16.7 | 15.2 | 11.8 | 7.5 |
| 25 | ***** | ***** | ***** | 19.4 | 18.9 | 18.4 | 17.8 | 17.3 | 16.7 | 16.1 | 15.4 | 14.1 | 10.9 | 6.8 |
| 30 | ***** | ***** | ***** | 18.2 | 17.7 | 17.2 | 16.7 | 16.2 | 15.6 | 15.0 | 14.4 | 13.2 | 10.2 | 6.3 |
| 35 | ***** | ***** | ***** | ***** | 16.7 | 16.2 | 15.7 | 15.2 | 14.7 | 14.2 | 13.6 | 12.4 | 9.6 | 5.9 |
| 40 | ***** | ***** | ***** | ***** | 15.8 | 15.4 | 14.9 | 14.4 | 14.0 | 13.4 | 12.9 | 11.8 | 9.1 | 5.6 |
| 45 | ***** | ***** | ***** | ***** | 15.1 | 14.7 | 14.2 | 13.8 | 13.3 | 12.8 | 12.3 | 11.2 | 8.7 | 5.3 |
| 50 | ***** | ***** | ***** | ***** | 14.4 | 14.0 | 13.6 | 13.2 | 12.7 | 12.3 | 11.8 | 10.8 | 8.3 | 5.0 |
| 55 | ***** | ***** | ***** | ***** | 13.9 | 13.5 | 13.1 | 12.7 | 12.2 | 11.8 | 11.3 | 10.3 | 8.0 | 4.8 |
| 60 | ***** | ***** | ***** | ***** | 13.4 | 13.0 | 12.6 | 12.2 | 11.8 | 11.4 | 10.9 | 10.0 | 7.7 | 4.6 |
| 65 | ***** | ***** | ***** | ***** | 12.9 | 12.6 | 12.2 | 11.8 | 11.4 | 11.0 | 10.6 | 9.6 | 7.5 | 4.5 |
| 70 | ***** | ***** | ***** | ***** | 12.5 | 12.2 | 11.8 | 11.4 | 11.0 | 10.6 | 10.2 | 9.3 | 7.2 | 4.3 |
| 75 | ***** | ***** | ***** | ***** | ***** | 11.8 | 11.4 | 11.1 | 10.7 | 10.3 | 9.9 | 9.0 | 7.0 | 4.2 |
| 80 | ***** | ***** | ***** | ***** | ***** | 11.5 | 11.1 | 10.8 | 10.4 | 10.0 | 9.6 | 8.8 | 6.8 | 4.0 |
| 85 | ***** | ***** | ***** | ***** | ***** | 11.2 | 10.8 | 10.5 | 10.1 | 9.8 | 9.4 | 8.6 | 6.6 | 3.9 |
| 90 | ***** | ***** | ***** | ***** | ***** | 10.9 | 10.6 | 10.2 | 9.9 | 9.5 | 9.1 | 8.3 | 6.6 | 3.8 |
| 95 | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** |
| 100 | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** |

NOTES: FOR CORRECT USAGE OF THESE TABLES REFER TO CHAPTER 8

*** CONTINUES ***

APPROXIMATE VARIANCE TABLES
 GENERAL SOCIAL SURVEY CYCLE 4

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% | 35.0% | 40.0% | 50.0% | 70.0% | 90.0% |
| 125 | ***** | ***** | ***** | ***** | ***** | ***** | 9.4 | 9.1 | 8.8 | 8.5 | 8.2 | 7.5 | 5.8 | 3.3 |
| 150 | ***** | ***** | ***** | ***** | ***** | ***** | 8.6 | 8.3 | 8.1 | 7.8 | 7.5 | 6.8 | 5.3 | 3.0 |
| 200 | ***** | ***** | ***** | ***** | ***** | ***** | ***** | 7.2 | 7.0 | 6.7 | 6.5 | 5.9 | 4.6 | 2.6 |
| 250 | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | 6.0 | 5.8 | 5.3 | 4.1 | 2.4 |
| 300 | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | 5.3 | 4.8 | 3.7 | 2.2 |
| 350 | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | 4.5 | 3.5 | 2.0 |
| 400 | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | 4.2 | 3.2 | 1.9 |
| 450 | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | 3.0 | 1.8 |
| 500 | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | 2.9 | 1.7 |

NOTES: FOR CORRECT USAGE OF THESE TABLES REFER TO CHAPTER 8

APPROXIMATE VARIANCE TABLES
GENERAL SOCIAL SURVEY CYCLE 4

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% | 35.0% | 40.0% | 50.0% | 70.0% | 90.0% |
| 1 | ***** | 117.7 | 117.1 | 115.3 | 112.2 | 109.0 | 105.8 | 102.4 | 99.0 | 95.4 | 91.6 | 83.6 | 64.8 | 37.4 |
| 2 | ***** | 83.2 | 82.8 | 81.5 | 79.3 | 77.1 | 74.8 | 72.4 | 70.0 | 67.4 | 64.8 | 59.1 | 45.8 | 26.4 |
| 3 | ***** | 67.9 | 67.6 | 66.6 | 64.8 | 63.0 | 61.1 | 59.1 | 57.1 | 55.1 | 52.9 | 48.3 | 37.4 | 21.6 |
| 4 | ***** | 58.8 | 58.5 | 57.6 | 56.1 | 54.5 | 52.9 | 51.2 | 49.5 | 47.7 | 45.8 | 41.8 | 32.4 | 18.7 |
| 5 | ***** | 52.6 | 52.4 | 51.6 | 50.2 | 48.8 | 47.3 | 45.8 | 44.3 | 42.6 | 41.0 | 37.4 | 29.0 | 16.7 |
| 6 | ***** | 48.0 | 47.8 | 47.1 | 45.8 | 44.5 | 43.2 | 41.8 | 40.4 | 38.9 | 37.4 | 34.1 | 26.4 | 15.3 |
| 7 | ***** | 44.5 | 44.3 | 43.6 | 42.4 | 41.2 | 40.0 | 38.7 | 37.4 | 36.0 | 34.6 | 31.6 | 24.5 | 14.1 |
| 8 | ***** | ***** | 41.4 | 40.8 | 39.7 | 38.6 | 37.4 | 36.2 | 35.0 | 33.7 | 32.4 | 29.6 | 22.9 | 13.2 |
| 9 | ***** | ***** | 39.0 | 38.4 | 37.4 | 36.3 | 35.3 | 34.1 | 33.0 | 31.8 | 30.5 | 27.9 | 21.6 | 12.5 |
| 10 | ***** | ***** | 37.0 | 36.5 | 35.5 | 34.5 | 33.5 | 32.4 | 31.3 | 30.2 | 29.0 | 26.4 | 20.5 | 11.8 |
| 11 | ***** | ***** | 35.3 | 34.8 | 33.8 | 32.9 | 31.9 | 30.9 | 29.8 | 28.8 | 27.6 | 25.2 | 19.5 | 11.3 |
| 12 | ***** | ***** | 33.8 | 33.3 | 32.4 | 31.5 | 30.5 | 29.6 | 28.6 | 27.5 | 26.4 | 24.1 | 18.7 | 10.8 |
| 13 | ***** | ***** | 32.5 | 32.0 | 31.1 | 30.2 | 29.3 | 28.4 | 27.4 | 26.4 | 25.4 | 23.2 | 18.0 | 10.4 |
| 14 | ***** | ***** | 31.3 | 30.8 | 30.0 | 29.1 | 28.3 | 27.4 | 26.4 | 25.4 | 24.5 | 22.4 | 17.3 | 10.0 |
| 15 | ***** | ***** | ***** | 29.8 | 29.0 | 28.2 | 27.3 | 26.4 | 25.6 | 24.6 | 23.7 | 21.6 | 16.7 | 9.7 |
| 16 | ***** | ***** | ***** | 28.8 | 28.1 | 27.3 | 26.4 | 25.6 | 24.7 | 23.8 | 22.9 | 20.9 | 16.2 | 9.4 |
| 17 | ***** | ***** | ***** | 28.0 | 27.2 | 26.4 | 25.7 | 24.8 | 24.0 | 23.1 | 22.2 | 20.3 | 15.7 | 9.1 |
| 18 | ***** | ***** | ***** | 27.2 | 26.4 | 25.7 | 24.9 | 24.1 | 23.3 | 22.5 | 21.6 | 19.7 | 15.3 | 8.8 |
| 19 | ***** | ***** | ***** | 26.4 | 25.7 | 25.0 | 24.3 | 23.5 | 22.7 | 21.9 | 21.0 | 19.2 | 14.9 | 8.6 |
| 20 | ***** | ***** | ***** | 25.8 | 25.1 | 24.4 | 23.7 | 22.9 | 22.1 | 21.3 | 20.5 | 18.7 | 14.5 | 8.4 |
| 21 | ***** | ***** | ***** | 25.2 | 24.5 | 23.8 | 23.1 | 22.4 | 21.6 | 20.8 | 20.0 | 18.3 | 14.1 | 8.2 |
| 22 | ***** | ***** | ***** | 24.6 | 23.9 | 23.2 | 22.6 | 21.8 | 21.1 | 20.3 | 19.5 | 17.8 | 13.8 | 8.0 |
| 23 | ***** | ***** | ***** | 24.0 | 23.4 | 22.7 | 22.1 | 21.4 | 20.6 | 19.9 | 19.1 | 17.4 | 13.5 | 7.8 |
| 24 | ***** | ***** | ***** | 23.5 | 22.9 | 22.3 | 21.6 | 20.9 | 20.2 | 19.5 | 18.7 | 17.1 | 13.2 | 7.6 |
| 25 | ***** | ***** | ***** | 23.1 | 22.4 | 21.8 | 21.2 | 20.5 | 19.8 | 19.1 | 18.3 | 16.7 | 13.0 | 7.5 |
| 30 | ***** | ***** | ***** | 21.0 | 20.5 | 19.9 | 19.3 | 18.7 | 18.1 | 17.4 | 16.7 | 15.3 | 11.8 | 6.8 |
| 35 | ***** | ***** | ***** | 19.5 | 19.0 | 18.4 | 17.9 | 17.3 | 16.7 | 16.1 | 15.5 | 14.1 | 11.0 | 6.3 |
| 40 | ***** | ***** | ***** | ***** | 17.7 | 17.2 | 16.7 | 16.2 | 15.6 | 15.1 | 14.5 | 13.2 | 10.2 | 5.9 |
| 45 | ***** | ***** | ***** | ***** | 16.7 | 16.3 | 15.8 | 15.3 | 14.8 | 14.2 | 13.7 | 12.5 | 9.7 | 5.6 |
| 50 | ***** | ***** | ***** | ***** | 15.9 | 15.4 | 15.0 | 14.5 | 14.0 | 13.5 | 13.0 | 11.8 | 9.2 | 5.3 |
| 55 | ***** | ***** | ***** | ***** | 15.1 | 14.7 | 14.3 | 13.8 | 13.3 | 12.9 | 12.4 | 11.3 | 8.7 | 5.0 |
| 60 | ***** | ***** | ***** | ***** | 14.5 | 14.1 | 13.7 | 13.2 | 12.8 | 12.3 | 11.8 | 10.8 | 8.4 | 4.8 |
| 65 | ***** | ***** | ***** | ***** | 13.9 | 13.5 | 13.1 | 12.7 | 12.3 | 11.8 | 11.4 | 10.4 | 8.0 | 4.6 |
| 70 | ***** | ***** | ***** | ***** | 13.4 | 13.0 | 12.6 | 12.2 | 11.8 | 11.4 | 11.0 | 10.0 | 7.7 | 4.5 |
| 75 | ***** | ***** | ***** | ***** | ***** | 12.6 | 12.2 | 11.8 | 11.4 | 11.0 | 10.6 | 9.7 | 7.5 | 4.3 |
| 80 | ***** | ***** | ***** | ***** | ***** | 12.2 | 11.8 | 11.5 | 11.1 | 10.7 | 10.2 | 9.4 | 7.2 | 4.2 |
| 85 | ***** | ***** | ***** | ***** | ***** | 11.8 | 11.5 | 11.1 | 10.7 | 10.3 | 9.9 | 9.1 | 7.0 | 4.1 |
| 90 | ***** | ***** | ***** | ***** | ***** | 11.5 | 11.2 | 10.8 | 10.4 | 10.1 | 9.7 | 8.8 | 6.8 | 3.9 |
| 95 | ***** | ***** | ***** | ***** | ***** | 11.2 | 10.9 | 10.5 | 10.2 | 9.8 | 9.4 | 8.6 | 6.6 | 3.8 |
| 100 | ***** | ***** | ***** | ***** | ***** | 10.9 | 10.6 | 10.2 | 9.9 | 9.5 | 9.2 | 8.4 | 6.5 | 3.7 |

NOTES: FOR CORRECT USAGE OF THESE TABLES REFER TO CHAPTER 8

*** CONTINUES ***

APPROXIMATE VARIANCE TABLES
 GENERAL SOCIAL SURVEY CYCLE 4
 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% | 35.0% | 40.0% | 50.0% | 70.0% | 90.0% |
| 125 | ***** | ***** | ***** | ***** | ***** | ***** | 9.5 | 9.2 | 8.9 | 8.5 | 8.2 | 7.5 | 5.8 | 3.3 |
| 150 | ***** | ***** | ***** | ***** | ***** | ***** | ***** | 8.4 | 8.1 | 7.8 | 7.5 | 6.8 | 5.3 | 3.1 |
| 200 | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | 7.0 | 6.7 | 6.5 | 5.9 | 4.6 | 2.6 |
| 250 | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | 6.0 | 5.8 | 5.3 | 4.1 | 2.4 |
| 300 | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | 4.8 | 3.7 | 2.2 |
| 350 | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | 4.5 | 3.5 | 2.0 |
| 400 | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | 3.2 | 1.9 |
| 450 | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | 3.1 | 1.8 |
| 500 | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | 2.9 | 1.7 |

NOTES: FOR CORRECT USAGE OF THESE TABLES REFER TO CHAPTER 8

APPROXIMATE VARIANCE TABLES
GENERAL SOCIAL SURVEY CYCLE 4

ALBERTA

| NUMERATOR OF PERCENTAGE ('0000) | 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 | 149.5 | 148.9 | 148.1 | 145.8 | 141.9 | 137.9 | 133.8 | 129.6 | 125.2 | 120.6 | 115.9 | 105.8 | 81.9 | 47.3 |
| 2 | ***** | 105.3 | 104.7 | 103.1 | 100.4 | 97.5 | 94.6 | 91.6 | 88.5 | 85.3 | 81.9 | 74.8 | 57.9 | 33.5 |
| 3 | ***** | 85.9 | 85.5 | 84.2 | 81.9 | 79.6 | 77.3 | 74.8 | 72.3 | 69.6 | 66.9 | 61.1 | 47.3 | 27.3 |
| 4 | ***** | 74.4 | 74.1 | 72.9 | 70.6 | 68.3 | 66.9 | 64.8 | 62.6 | 60.3 | 57.9 | 52.9 | 41.0 | 23.7 |
| 5 | ***** | 66.6 | 66.2 | 65.2 | 63.5 | 61.7 | 59.8 | 57.9 | 56.0 | 53.9 | 51.8 | 47.3 | 36.6 | 21.2 |
| 6 | ***** | 60.8 | 60.5 | 59.5 | 57.9 | 56.3 | 54.6 | 52.9 | 51.1 | 49.2 | 47.3 | 43.2 | 33.5 | 19.3 |
| 7 | ***** | 56.3 | 56.0 | 55.1 | 53.6 | 52.1 | 50.6 | 49.0 | 47.3 | 45.6 | 43.8 | 40.0 | 31.0 | 17.9 |
| 8 | ***** | 52.6 | 52.4 | 51.6 | 50.2 | 48.8 | 47.3 | 45.8 | 44.3 | 42.6 | 41.0 | 37.4 | 29.0 | 16.7 |
| 9 | ***** | 49.6 | 49.4 | 48.6 | 47.3 | 46.0 | 44.6 | 43.2 | 41.7 | 40.2 | 38.6 | 35.3 | 27.3 | 15.8 |
| 10 | ***** | 47.1 | 46.8 | 46.1 | 44.9 | 43.6 | 42.3 | 41.0 | 39.6 | 38.1 | 36.6 | 33.5 | 25.9 | 15.0 |
| 11 | ***** | 44.9 | 44.7 | 44.0 | 42.8 | 41.6 | 40.3 | 39.1 | 37.7 | 36.4 | 34.9 | 31.9 | 24.7 | 14.3 |
| 12 | ***** | 43.0 | 42.8 | 42.1 | 41.0 | 39.8 | 38.6 | 37.4 | 36.1 | 34.8 | 33.5 | 30.5 | 23.7 | 13.7 |
| 13 | ***** | 41.3 | 41.1 | 40.4 | 39.4 | 38.3 | 37.1 | 35.9 | 34.7 | 33.5 | 32.1 | 29.3 | 22.7 | 13.1 |
| 14 | ***** | 39.8 | 39.6 | 39.0 | 37.9 | 36.9 | 35.8 | 34.6 | 33.5 | 32.2 | 31.0 | 28.3 | 21.9 | 12.6 |
| 15 | ***** | 38.4 | 38.2 | 37.7 | 36.6 | 35.6 | 34.6 | 33.5 | 32.3 | 31.1 | 29.9 | 27.3 | 21.2 | 12.2 |
| 16 | ***** | 37.2 | 37.0 | 36.5 | 35.5 | 34.5 | 33.5 | 32.4 | 31.3 | 30.2 | 29.0 | 26.4 | 20.5 | 11.8 |
| 17 | ***** | 36.1 | 35.9 | 35.4 | 34.4 | 33.4 | 32.5 | 31.4 | 30.4 | 29.3 | 28.1 | 25.7 | 19.9 | 11.5 |
| 18 | ***** | 35.1 | 34.9 | 34.4 | 33.4 | 32.5 | 31.5 | 30.5 | 29.5 | 28.4 | 27.3 | 24.9 | 19.3 | 11.2 |
| 19 | ***** | 34.0 | 33.9 | 33.5 | 32.6 | 31.6 | 30.7 | 29.7 | 28.7 | 27.7 | 26.6 | 24.3 | 18.8 | 10.9 |
| 20 | ***** | 33.1 | 32.9 | 32.6 | 31.7 | 30.8 | 29.9 | 29.0 | 28.0 | 27.0 | 25.9 | 23.7 | 18.3 | 10.6 |
| 21 | ***** | 32.3 | 31.8 | 31.1 | 30.1 | 29.4 | 28.5 | 27.6 | 26.7 | 25.7 | 24.7 | 22.6 | 17.9 | 10.3 |
| 22 | ***** | 31.6 | 31.1 | 30.3 | 29.4 | 28.5 | 27.6 | 26.7 | 25.7 | 24.7 | 23.7 | 21.6 | 17.1 | 10.1 |
| 23 | ***** | 30.9 | 30.9 | 30.2 | 29.2 | 28.2 | 27.3 | 26.4 | 25.6 | 24.6 | 23.7 | 21.6 | 16.7 | 9.9 |
| 24 | ***** | 30.2 | 30.2 | 29.6 | 28.8 | 28.0 | 27.3 | 26.5 | 25.6 | 24.6 | 23.7 | 21.6 | 16.7 | 9.7 |
| 25 | ***** | 29.6 | 29.6 | 29.2 | 28.4 | 27.6 | 26.8 | 26.0 | 25.0 | 24.1 | 23.2 | 21.2 | 16.4 | 9.5 |
| 30 | ***** | 27.0 | 27.0 | 26.6 | 25.9 | 25.2 | 24.4 | 23.7 | 22.9 | 22.0 | 21.2 | 19.3 | 15.0 | 8.6 |
| 35 | ***** | 25.0 | 25.0 | 24.6 | 24.0 | 23.3 | 22.6 | 21.9 | 21.2 | 20.4 | 19.6 | 17.9 | 13.9 | 8.0 |
| 40 | ***** | 23.1 | 23.1 | 22.7 | 22.1 | 21.8 | 21.2 | 20.5 | 19.8 | 19.1 | 18.3 | 16.7 | 13.0 | 7.5 |
| 45 | ***** | 21.7 | 21.7 | 21.2 | 20.6 | 20.1 | 19.5 | 18.9 | 18.3 | 17.7 | 17.0 | 15.8 | 12.2 | 7.1 |
| 50 | ***** | 20.6 | 20.6 | 20.1 | 19.5 | 18.9 | 18.3 | 17.7 | 17.1 | 16.4 | 15.6 | 14.3 | 11.1 | 6.4 |
| 55 | ***** | 19.7 | 19.7 | 19.1 | 18.6 | 18.0 | 17.5 | 16.9 | 16.3 | 15.6 | 14.9 | 13.7 | 10.6 | 6.1 |
| 60 | ***** | 18.8 | 18.8 | 18.3 | 17.8 | 17.3 | 16.7 | 16.2 | 15.5 | 15.0 | 14.4 | 13.1 | 10.2 | 5.9 |
| 65 | ***** | 18.1 | 18.1 | 17.6 | 17.1 | 16.6 | 16.1 | 15.5 | 15.0 | 14.4 | 13.9 | 12.6 | 9.8 | 5.7 |
| 70 | ***** | 17.4 | 17.4 | 17.0 | 16.5 | 16.0 | 15.5 | 15.0 | 14.5 | 14.0 | 13.5 | 12.2 | 9.5 | 5.5 |
| 75 | ***** | 16.8 | 16.8 | 16.4 | 15.9 | 15.4 | 15.0 | 14.5 | 14.0 | 13.5 | 13.0 | 11.8 | 9.2 | 5.3 |
| 80 | ***** | 16.3 | 16.3 | 15.9 | 15.4 | 14.9 | 14.5 | 14.1 | 13.6 | 13.1 | 12.6 | 11.5 | 8.9 | 5.1 |
| 85 | ***** | 15.8 | 15.8 | 15.4 | 15.0 | 14.5 | 14.1 | 13.7 | 13.2 | 12.7 | 12.2 | 11.2 | 8.6 | 5.0 |
| 90 | ***** | 15.4 | 15.4 | 15.0 | 14.5 | 14.2 | 13.7 | 13.3 | 12.8 | 12.4 | 11.9 | 10.9 | 8.4 | 4.9 |
| 95 | ***** | 15.4 | 15.4 | 15.0 | 14.5 | 14.2 | 13.7 | 13.3 | 12.8 | 12.4 | 11.9 | 10.9 | 8.4 | 4.9 |
| 100 | ***** | 14.6 | 14.6 | 14.2 | 13.8 | 13.4 | 13.0 | 12.5 | 12.1 | 11.6 | 11.1 | 10.6 | 8.2 | 4.7 |

NOTES: FOR CORRECT USAGE OF THESE TABLES REFER TO CHAPTER 8

*** CONTINUES ***

APPROXIMATE VARIANCE TABLES
GENERAL SOCIAL SURVEY CYCLE 4

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% | 35.0% | 40.0% | 50.0% | 70.0% | 90.0% |
| 125 | ***** | ***** | ***** | ***** | 12.7 | 12.3 | 12.0 | 11.6 | 11.2 | 10.8 | 10.4 | 9.5 | 7.3 | 4.2 |
| 150 | ***** | ***** | ***** | ***** | 11.6 | 11.3 | 10.9 | 10.6 | 10.2 | 9.8 | 9.5 | 8.6 | 6.7 | 3.9 |
| 200 | ***** | ***** | ***** | ***** | ***** | 9.8 | 9.5 | 9.2 | 8.9 | 8.5 | 8.2 | 7.5 | 5.8 | 3.3 |
| 250 | ***** | ***** | ***** | ***** | 8.7 | 8.5 | 8.2 | 7.9 | 7.9 | 7.6 | 7.3 | 6.7 | 5.2 | 3.0 |
| 300 | ***** | ***** | ***** | ***** | ***** | 7.7 | 7.5 | 7.2 | 7.2 | 7.0 | 6.7 | 6.1 | 4.7 | 2.7 |
| 350 | ***** | ***** | ***** | ***** | ***** | 7.2 | 6.9 | 6.7 | 6.7 | 6.4 | 6.2 | 5.7 | 4.4 | 2.5 |
| 400 | ***** | ***** | ***** | ***** | ***** | ***** | 6.5 | 6.3 | 6.3 | 6.0 | 5.8 | 5.3 | 4.1 | 2.4 |
| 450 | ***** | ***** | ***** | ***** | ***** | ***** | 6.1 | 5.9 | 5.9 | 5.7 | 5.5 | 5.0 | 3.9 | 2.2 |
| 500 | ***** | ***** | ***** | ***** | ***** | ***** | ***** | 5.6 | 5.6 | 5.4 | 5.2 | 4.7 | 3.7 | 2.1 |
| 750 | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | 3.9 | 3.0 | 1.7 |
| 1000 | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | 2.6 | 1.5 |
| 1500 | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | 1.2 |

NOTES: FOR CORRECT USAGE OF THESE TABLES REFER TO CHAPTER 8

APPROXIMATE VARIANCE TABLES
GENERAL SOCIAL SURVEY CYCLE 4

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% | 35.0% | 40.0% | 50.0% | 70.0% | 90.0% |
| 1 | 157.8 | 157.1 | 156.3 | 153.8 | 149.7 | 145.5 | 141.2 | 136.7 | 132.1 | 127.3 | 122.3 | 111.6 | 86.5 | 49.9 |
| 2 | 111.6 | 111.1 | 110.5 | 108.8 | 105.9 | 102.9 | 99.8 | 96.7 | 93.4 | 90.0 | 86.5 | 78.9 | 61.1 | 35.3 |
| 3 | ***** | 90.7 | 90.2 | 88.8 | 86.5 | 84.0 | 81.5 | 78.9 | 76.2 | 73.5 | 70.6 | 64.4 | 49.9 | 28.8 |
| 4 | ***** | 78.5 | 78.1 | 76.9 | 74.9 | 72.8 | 70.6 | 68.3 | 66.0 | 63.6 | 61.1 | 55.8 | 43.2 | 25.0 |
| 5 | ***** | 70.2 | 69.9 | 68.8 | 67.0 | 65.1 | 63.1 | 61.1 | 59.1 | 56.9 | 54.7 | 49.9 | 38.7 | 22.3 |
| 6 | ***** | 64.1 | 63.8 | 62.8 | 61.1 | 59.4 | 57.6 | 55.8 | 53.9 | 52.0 | 49.9 | 45.6 | 35.3 | 20.4 |
| 7 | ***** | 59.4 | 59.1 | 58.1 | 56.6 | 55.0 | 53.4 | 51.7 | 49.9 | 48.1 | 46.2 | 42.2 | 32.7 | 18.9 |
| 8 | ***** | 55.5 | 55.2 | 54.4 | 52.9 | 51.4 | 49.9 | 48.3 | 46.7 | 45.0 | 43.2 | 39.5 | 30.6 | 17.6 |
| 9 | ***** | 52.4 | 52.1 | 51.3 | 49.9 | 48.5 | 47.1 | 45.6 | 44.0 | 42.4 | 40.8 | 37.2 | 28.8 | 16.6 |
| 10 | ***** | 49.7 | 49.4 | 48.6 | 47.4 | 46.0 | 44.6 | 43.2 | 41.8 | 40.2 | 38.7 | 35.3 | 27.3 | 15.8 |
| 11 | ***** | 47.4 | 47.1 | 46.4 | 45.1 | 43.9 | 42.6 | 41.2 | 39.8 | 38.4 | 36.9 | 33.7 | 26.1 | 15.0 |
| 12 | ***** | 45.3 | 45.1 | 44.4 | 43.2 | 42.0 | 40.8 | 39.5 | 38.1 | 36.7 | 35.3 | 32.2 | 25.0 | 14.4 |
| 13 | ***** | 43.6 | 43.3 | 42.7 | 41.5 | 40.4 | 39.2 | 37.9 | 36.6 | 35.3 | 33.9 | 31.0 | 24.0 | 13.8 |
| 14 | ***** | 42.0 | 41.8 | 41.1 | 40.0 | 38.9 | 37.6 | 36.5 | 35.3 | 34.0 | 32.7 | 29.8 | 23.1 | 13.3 |
| 15 | ***** | 40.6 | 40.3 | 39.7 | 38.7 | 37.6 | 36.5 | 35.3 | 34.1 | 32.9 | 31.6 | 28.8 | 22.3 | 12.9 |
| 16 | ***** | 39.3 | 39.1 | 38.5 | 37.4 | 36.4 | 35.3 | 34.2 | 33.0 | 31.8 | 30.6 | 27.9 | 21.6 | 12.5 |
| 17 | ***** | 38.1 | 37.9 | 37.3 | 36.3 | 35.3 | 34.2 | 33.2 | 32.0 | 30.9 | 29.7 | 27.1 | 21.0 | 12.1 |
| 18 | ***** | 37.0 | 36.8 | 36.3 | 35.3 | 34.3 | 33.3 | 32.2 | 31.1 | 30.0 | 28.8 | 26.3 | 20.4 | 11.8 |
| 19 | ***** | 36.0 | 35.8 | 35.3 | 34.4 | 33.4 | 32.4 | 31.4 | 30.3 | 29.2 | 28.0 | 25.6 | 19.8 | 11.5 |
| 20 | ***** | 35.1 | 34.9 | 34.4 | 33.5 | 32.5 | 31.6 | 30.6 | 29.5 | 28.5 | 27.3 | 25.0 | 19.3 | 11.2 |
| 21 | ***** | 34.3 | 34.1 | 33.6 | 32.7 | 31.8 | 30.8 | 29.8 | 28.8 | 27.8 | 26.7 | 24.4 | 18.9 | 10.9 |
| 22 | ***** | 33.5 | 33.3 | 32.8 | 31.9 | 31.0 | 30.1 | 29.1 | 28.2 | 27.1 | 26.1 | 23.8 | 18.4 | 10.6 |
| 23 | ***** | 32.7 | 32.6 | 32.1 | 31.2 | 30.3 | 29.4 | 28.5 | 27.5 | 26.5 | 25.5 | 23.3 | 18.0 | 10.4 |
| 24 | ***** | ***** | 31.9 | 31.4 | 30.6 | 29.7 | 28.8 | 27.9 | 27.0 | 26.0 | 25.0 | 22.8 | 17.6 | 10.2 |
| 25 | ***** | ***** | 31.3 | 30.8 | 29.9 | 29.1 | 28.2 | 27.3 | 26.4 | 25.5 | 24.5 | 22.3 | 17.3 | 10.0 |
| 30 | ***** | ***** | 28.5 | 28.1 | 27.3 | 26.6 | 25.8 | 25.0 | 24.1 | 23.2 | 22.3 | 20.4 | 15.8 | 9.1 |
| 35 | ***** | ***** | 26.4 | 26.0 | 25.3 | 24.6 | 23.9 | 23.1 | 22.3 | 21.5 | 20.7 | 18.9 | 14.6 | 8.4 |
| 40 | ***** | ***** | 24.7 | 24.3 | 23.7 | 23.0 | 22.3 | 21.6 | 20.9 | 20.1 | 19.3 | 17.6 | 13.7 | 7.9 |
| 45 | ***** | ***** | 23.3 | 22.9 | 22.3 | 21.7 | 21.0 | 20.4 | 19.7 | 19.0 | 18.2 | 16.6 | 12.9 | 7.4 |
| 50 | ***** | ***** | ***** | 21.8 | 21.2 | 20.6 | 20.0 | 19.3 | 18.7 | 18.0 | 17.3 | 15.8 | 12.2 | 7.1 |
| 55 | ***** | ***** | ***** | 20.7 | 20.2 | 19.6 | 19.0 | 18.4 | 17.8 | 17.2 | 16.5 | 15.0 | 11.7 | 6.7 |
| 60 | ***** | ***** | ***** | 19.9 | 19.3 | 18.8 | 18.2 | 17.6 | 17.0 | 16.4 | 15.8 | 14.4 | 11.2 | 6.4 |
| 65 | ***** | ***** | ***** | 19.1 | 18.6 | 18.0 | 17.5 | 17.0 | 16.4 | 15.8 | 15.2 | 13.8 | 10.7 | 6.2 |
| 70 | ***** | ***** | ***** | 18.4 | 17.9 | 17.4 | 16.9 | 16.3 | 15.8 | 15.2 | 14.6 | 13.3 | 10.3 | 6.0 |
| 75 | ***** | ***** | ***** | 17.8 | 17.3 | 16.8 | 16.3 | 15.8 | 15.2 | 14.7 | 14.1 | 12.9 | 10.0 | 5.8 |
| 80 | ***** | ***** | ***** | 17.2 | 16.7 | 16.3 | 15.8 | 15.3 | 14.8 | 14.2 | 13.7 | 12.5 | 9.7 | 5.6 |
| 85 | ***** | ***** | ***** | 16.7 | 16.2 | 15.8 | 15.3 | 14.8 | 14.3 | 13.8 | 13.3 | 12.1 | 9.4 | 5.4 |
| 90 | ***** | ***** | ***** | 16.2 | 15.8 | 15.3 | 14.9 | 14.4 | 13.9 | 13.4 | 12.9 | 11.8 | 9.1 | 5.3 |
| 95 | ***** | ***** | ***** | 15.8 | 15.4 | 14.9 | 14.5 | 14.0 | 13.5 | 13.1 | 12.5 | 11.5 | 8.9 | 5.1 |
| 100 | ***** | ***** | ***** | 15.4 | 15.0 | 14.6 | 14.1 | 13.7 | 13.2 | 12.7 | 12.2 | 11.2 | 8.6 | 5.0 |

NOTES: FOR CORRECT USAGE OF THESE TABLES REFER TO CHAPTER 8

*** CONTINUES ***

APPROXIMATE VARIANCE TABLES
 GENERAL SOCIAL SURVEY CYCLE 4
 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% | 35.0% | 40.0% | 50.0% | 70.0% | 90.0% |
| 125 | ***** | ***** | ***** | ***** | 13.4 | 13.0 | 12.6 | 12.2 | 11.8 | 11.4 | 10.9 | 10.0 | 7.7 | 4.5 |
| 150 | ***** | ***** | ***** | ***** | 12.2 | 11.9 | 11.5 | 11.2 | 10.8 | 10.4 | 10.0 | 9.1 | 7.1 | 4.1 |
| 200 | ***** | ***** | ***** | ***** | 10.6 | 10.3 | 10.0 | 9.7 | 9.3 | 9.0 | 8.6 | 7.9 | 6.1 | 3.5 |
| 250 | ***** | ***** | ***** | ***** | ***** | 9.2 | 8.9 | 8.6 | 8.4 | 8.0 | 7.7 | 7.1 | 5.5 | 3.2 |
| 300 | ***** | ***** | ***** | ***** | ***** | 8.4 | 8.2 | 7.9 | 7.6 | 7.3 | 7.1 | 6.4 | 5.0 | 2.9 |
| 350 | ***** | ***** | ***** | ***** | ***** | 7.8 | 7.5 | 7.3 | 7.1 | 6.8 | 6.5 | 6.0 | 4.6 | 2.7 |
| 400 | ***** | ***** | ***** | ***** | ***** | ***** | 7.1 | 6.8 | 6.6 | 6.4 | 6.1 | 5.6 | 4.3 | 2.5 |
| 450 | ***** | ***** | ***** | ***** | ***** | ***** | 6.7 | 6.4 | 6.2 | 6.0 | 5.8 | 5.3 | 4.1 | 2.4 |
| 500 | ***** | ***** | ***** | ***** | ***** | ***** | 6.1 | 6.1 | 5.9 | 5.7 | 5.5 | 5.0 | 3.9 | 2.2 |
| 750 | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | 4.6 | 4.5 | 4.1 | 3.2 | 1.8 |
| 1000 | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | 3.5 | 2.7 | 1.6 |
| 1500 | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | 2.2 | 1.3 |
| 2000 | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | 1.1 |

NOTES: FOR CORRECT USAGE OF THESE TABLES REFER TO CHAPTER 8

APPROXIMATE VARIANCE TABLES
GENERAL SOCIAL SURVEY CYCLE 4

ATLANTIC PROVINCES

| NUMERATOR OF PERCENTAGE ('000) | 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 | 107.8 | 107.4 | 106.8 | 105.2 | 102.4 | 99.5 | 96.5 | 93.4 | 90.3 | 87.0 | 83.6 | 76.3 | 59.1 | 34.1 |
| 2 | ***** | 75.9 | 75.5 | 74.4 | 72.4 | 70.3 | 68.2 | 66.1 | 63.8 | 61.5 | 59.1 | 53.9 | 41.8 | 24.1 |
| 3 | ***** | 62.0 | 61.7 | 60.7 | 59.1 | 57.4 | 55.7 | 53.9 | 52.1 | 50.2 | 48.3 | 44.0 | 34.1 | 19.7 |
| 4 | ***** | 53.7 | 53.4 | 52.6 | 51.2 | 49.7 | 48.3 | 46.7 | 45.1 | 43.5 | 41.8 | 38.1 | 29.5 | 17.1 |
| 5 | ***** | 48.0 | 47.8 | 47.0 | 45.8 | 44.5 | 43.2 | 41.8 | 40.4 | 38.9 | 37.4 | 34.1 | 26.4 | 15.3 |
| 6 | ***** | 43.8 | 43.6 | 42.9 | 41.8 | 40.6 | 39.4 | 38.1 | 36.9 | 35.5 | 34.1 | 31.1 | 24.1 | 13.9 |
| 7 | ***** | 40.6 | 40.4 | 39.7 | 38.7 | 37.6 | 36.5 | 35.3 | 34.1 | 32.9 | 31.6 | 28.8 | 22.3 | 12.9 |
| 8 | ***** | 38.0 | 37.8 | 37.2 | 36.2 | 35.2 | 34.1 | 33.0 | 31.9 | 30.8 | 29.5 | 27.0 | 20.9 | 12.1 |
| 9 | ***** | 35.8 | 35.6 | 35.1 | 34.1 | 33.2 | 32.2 | 31.1 | 30.1 | 29.0 | 27.9 | 25.4 | 19.7 | 11.4 |
| 10 | ***** | 33.9 | 33.8 | 33.3 | 32.4 | 31.5 | 30.5 | 29.5 | 28.5 | 27.5 | 26.4 | 24.1 | 18.7 | 10.8 |
| 11 | ***** | 32.4 | 32.2 | 31.7 | 30.9 | 30.0 | 29.1 | 28.2 | 27.2 | 26.2 | 25.2 | 23.0 | 17.8 | 10.3 |
| 12 | ***** | 31.0 | 30.8 | 30.4 | 29.5 | 28.7 | 27.9 | 27.0 | 26.1 | 25.1 | 24.1 | 22.0 | 17.1 | 9.8 |
| 13 | ***** | 29.8 | 29.6 | 29.2 | 28.4 | 27.6 | 26.8 | 25.9 | 25.0 | 24.1 | 23.2 | 21.2 | 16.4 | 9.5 |
| 14 | ***** | 28.7 | 28.5 | 28.1 | 27.4 | 26.6 | 25.8 | 25.0 | 24.1 | 23.2 | 22.3 | 20.4 | 15.8 | 9.1 |
| 15 | ***** | 27.7 | 27.6 | 27.2 | 26.4 | 25.7 | 24.9 | 24.1 | 23.3 | 22.5 | 21.6 | 19.7 | 15.3 | 8.8 |
| 16 | ***** | 26.8 | 26.7 | 26.3 | 25.6 | 24.9 | 24.1 | 23.4 | 22.6 | 21.7 | 20.9 | 19.1 | 14.8 | 8.5 |
| 17 | ***** | 26.0 | 25.9 | 25.5 | 24.8 | 24.1 | 23.4 | 22.7 | 21.9 | 21.1 | 20.3 | 18.5 | 14.3 | 8.3 |
| 18 | ***** | 25.2 | 24.8 | 24.5 | 23.8 | 23.1 | 22.4 | 21.7 | 21.0 | 20.3 | 19.7 | 18.0 | 13.9 | 8.0 |
| 19 | ***** | 24.5 | 24.1 | 23.9 | 23.5 | 22.8 | 22.1 | 21.4 | 20.7 | 20.0 | 19.2 | 17.5 | 13.6 | 7.8 |
| 20 | ***** | 23.9 | 23.5 | 23.2 | 22.9 | 22.2 | 21.6 | 20.9 | 20.2 | 19.5 | 18.7 | 17.1 | 13.2 | 7.6 |
| 21 | ***** | 23.3 | 22.9 | 22.8 | 22.4 | 21.7 | 21.1 | 20.4 | 19.7 | 19.0 | 18.2 | 16.6 | 12.9 | 7.4 |
| 22 | ***** | 22.8 | 22.4 | 22.3 | 21.8 | 21.2 | 20.6 | 19.9 | 19.2 | 18.5 | 17.8 | 16.3 | 12.6 | 7.3 |
| 23 | ***** | 22.3 | 21.9 | 21.8 | 21.3 | 20.7 | 20.1 | 19.5 | 18.8 | 18.1 | 17.4 | 15.9 | 12.3 | 7.1 |
| 24 | ***** | 21.8 | 21.5 | 21.4 | 20.9 | 20.3 | 19.7 | 19.1 | 18.4 | 17.8 | 17.1 | 15.6 | 12.1 | 7.0 |
| 25 | ***** | 21.4 | 21.0 | 20.9 | 20.5 | 19.9 | 19.3 | 18.7 | 18.1 | 17.4 | 16.7 | 15.3 | 11.8 | 6.8 |
| 30 | ***** | 19.5 | 19.2 | 19.1 | 18.7 | 18.2 | 17.6 | 17.1 | 16.5 | 15.9 | 15.3 | 13.9 | 10.8 | 6.2 |
| 35 | ***** | 18.1 | 18.1 | 18.1 | 17.8 | 17.3 | 16.8 | 16.3 | 15.8 | 14.7 | 14.1 | 12.9 | 10.0 | 5.8 |
| 40 | ***** | 16.6 | 16.6 | 16.6 | 16.2 | 15.7 | 15.3 | 14.8 | 14.3 | 13.8 | 13.2 | 12.1 | 9.3 | 5.4 |
| 45 | ***** | 15.7 | 15.7 | 15.7 | 15.3 | 14.8 | 14.4 | 13.9 | 13.5 | 13.0 | 12.5 | 11.4 | 8.8 | 5.1 |
| 50 | ***** | 14.9 | 14.5 | 14.5 | 14.1 | 13.6 | 13.2 | 12.7 | 12.3 | 11.8 | 11.3 | 10.3 | 8.0 | 4.6 |
| 55 | ***** | 14.2 | 13.8 | 13.8 | 13.4 | 13.0 | 12.6 | 12.2 | 11.7 | 11.2 | 10.8 | 9.8 | 7.6 | 4.4 |
| 60 | ***** | 13.6 | 13.2 | 12.8 | 12.5 | 12.1 | 11.6 | 11.2 | 10.8 | 10.4 | 10.0 | 9.5 | 7.3 | 4.2 |
| 65 | ***** | 13.0 | 12.7 | 12.3 | 11.9 | 11.5 | 11.1 | 10.8 | 10.4 | 10.0 | 9.7 | 8.8 | 7.1 | 4.1 |
| 70 | ***** | 12.6 | 12.2 | 11.9 | 11.5 | 11.1 | 10.8 | 10.4 | 10.0 | 9.7 | 9.3 | 8.5 | 6.8 | 3.9 |
| 75 | ***** | 12.1 | 11.8 | 11.5 | 11.1 | 10.8 | 10.5 | 10.1 | 9.8 | 9.4 | 9.1 | 8.3 | 6.6 | 3.8 |
| 80 | ***** | 11.8 | 11.4 | 11.1 | 10.8 | 10.5 | 10.2 | 9.8 | 9.5 | 9.2 | 8.8 | 8.0 | 6.4 | 3.7 |
| 85 | ***** | 11.4 | 11.1 | 10.8 | 10.5 | 10.2 | 9.9 | 9.6 | 9.3 | 8.9 | 8.6 | 7.8 | 6.2 | 3.6 |
| 90 | ***** | 11.0 | 10.8 | 10.5 | 10.2 | 9.9 | 9.6 | 9.3 | 9.0 | 8.7 | 8.4 | 7.6 | 6.1 | 3.5 |
| 95 | ***** | 10.8 | 10.5 | 10.2 | 9.9 | 9.6 | 9.3 | 9.0 | 8.7 | 8.4 | 8.1 | 7.3 | 5.9 | 3.4 |
| 100 | ***** | 10.5 | 10.2 | 9.9 | 9.7 | 9.4 | 9.1 | 8.8 | 8.5 | 8.2 | 7.9 | 7.1 | 5.8 | 3.4 |

NOTES: FOR CORRECT USAGE OF THESE TABLES REFER TO CHAPTER 8

*** CONTINUES ***

APPROXIMATE VARIANCE TABLES
 GENERAL SOCIAL SURVEY CYCLE 4
 ATLANTIC PROVINCES

| NUMERATOR OF PERCENTAGE ('000) | 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% | | |
| 125 | ***** | ***** | ***** | ***** | 9.2 | 8.9 | 8.6 | 8.4 | 8.1 | 7.8 | 7.5 | 6.8 | 5.3 | 3.1 | | |
| 150 | ***** | ***** | ***** | ***** | 8.4 | 8.1 | 7.9 | 7.6 | 7.4 | 7.1 | 6.8 | 6.2 | 4.8 | 2.8 | | |
| 200 | ***** | ***** | ***** | ***** | ***** | 7.0 | 6.8 | 6.6 | 6.4 | 6.2 | 5.9 | 5.4 | 4.2 | 2.4 | | |
| 250 | ***** | ***** | ***** | ***** | ***** | 6.3 | 6.1 | 5.9 | 5.7 | 5.5 | 5.3 | 4.8 | 3.7 | 2.2 | | |
| 300 | ***** | ***** | ***** | ***** | ***** | ***** | 5.6 | 5.4 | 5.2 | 5.0 | 4.8 | 4.4 | 3.4 | 2.0 | | |
| 350 | ***** | ***** | ***** | ***** | ***** | ***** | 5.2 | 5.0 | 4.8 | 4.6 | 4.5 | 4.1 | 3.2 | 1.8 | | |
| 400 | ***** | ***** | ***** | ***** | ***** | ***** | ***** | 4.7 | 4.5 | 4.3 | 4.2 | 3.8 | 3.0 | 1.7 | | |
| 450 | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | 4.3 | 4.1 | 3.9 | 3.6 | 2.8 | 1.6 | | |
| 500 | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | 4.0 | 3.9 | 3.7 | 3.4 | 2.6 | 1.5 | | |
| 750 | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | 2.8 | 2.2 | 1.2 | | |
| 1000 | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | 1.9 | 1.1 | | |
| 1500 | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | 0.9 | | |

NOTES: FOR CORRECT USAGE OF THESE TABLES REFER TO CHAPTER 8

APPROXIMATE VARIANCE TABLES
GENERAL SOCIAL SURVEY CYCLE 4

PRAIRIE PROVINCES

| NUMERATOR OF PERCENTAGE ('000) | 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 | 134.7 | 134.1 | 133.4 | 131.3 | 127.8 | 124.2 | 120.5 | 116.7 | 112.7 | 108.6 | 104.4 | 95.3 | 73.8 | 42.6 |
| 2 | 95.2 | 94.8 | 94.3 | 92.9 | 90.4 | 87.8 | 85.2 | 82.5 | 79.7 | 76.8 | 73.8 | 67.4 | 52.2 | 30.1 |
| 3 | 77.8 | 77.4 | 77.0 | 75.8 | 73.8 | 71.7 | 69.6 | 67.4 | 65.1 | 62.7 | 60.3 | 55.0 | 42.6 | 24.6 |
| 4 | ***** | 67.0 | 66.7 | 65.7 | 63.9 | 62.1 | 60.3 | 58.3 | 56.4 | 54.3 | 52.2 | 47.6 | 36.9 | 21.3 |
| 5 | ***** | 60.0 | 59.7 | 58.7 | 57.2 | 55.6 | 53.9 | 52.2 | 50.4 | 48.6 | 46.7 | 42.6 | 33.0 | 19.1 |
| 6 | ***** | 54.7 | 54.5 | 53.6 | 52.2 | 50.7 | 49.2 | 47.6 | 46.0 | 44.3 | 42.6 | 38.9 | 30.1 | 17.4 |
| 7 | ***** | 50.7 | 50.4 | 49.6 | 48.3 | 47.0 | 45.5 | 44.1 | 42.6 | 41.1 | 39.4 | 36.0 | 27.9 | 16.1 |
| 8 | ***** | 47.4 | 47.2 | 46.4 | 45.2 | 43.9 | 42.6 | 41.3 | 39.9 | 38.4 | 36.9 | 33.7 | 26.1 | 15.1 |
| 9 | ***** | 44.7 | 44.5 | 43.8 | 42.6 | 41.4 | 40.2 | 38.9 | 37.6 | 36.2 | 34.8 | 31.8 | 24.6 | 14.2 |
| 10 | ***** | 42.4 | 42.2 | 41.5 | 40.4 | 39.3 | 38.1 | 36.9 | 35.6 | 34.4 | 33.0 | 30.1 | 23.3 | 13.5 |
| 11 | ***** | 40.4 | 40.2 | 39.6 | 38.5 | 37.5 | 36.3 | 35.2 | 34.0 | 32.8 | 31.5 | 28.7 | 22.3 | 12.8 |
| 12 | ***** | 38.7 | 38.5 | 37.9 | 36.9 | 35.9 | 34.8 | 33.7 | 32.5 | 31.4 | 30.1 | 27.5 | 21.3 | 12.3 |
| 13 | ***** | 37.2 | 37.0 | 36.4 | 35.4 | 34.5 | 33.4 | 32.4 | 31.3 | 30.1 | 28.9 | 26.4 | 20.5 | 11.8 |
| 14 | ***** | 35.8 | 35.6 | 35.1 | 34.2 | 33.2 | 32.2 | 31.2 | 30.1 | 29.0 | 27.9 | 25.5 | 19.7 | 11.4 |
| 15 | ***** | 34.6 | 34.4 | 33.9 | 32.8 | 31.1 | 30.1 | 29.2 | 28.2 | 27.2 | 26.9 | 24.6 | 19.1 | 11.0 |
| 16 | ***** | 33.5 | 33.3 | 32.8 | 31.9 | 30.1 | 29.2 | 28.3 | 27.3 | 26.3 | 25.3 | 23.1 | 17.9 | 10.3 |
| 17 | ***** | 32.5 | 32.4 | 31.9 | 31.0 | 30.1 | 29.3 | 28.3 | 27.3 | 26.3 | 25.3 | 23.1 | 17.9 | 10.3 |
| 18 | ***** | 31.6 | 31.6 | 31.4 | 31.0 | 30.3 | 29.3 | 28.4 | 27.5 | 26.6 | 25.6 | 23.5 | 17.4 | 10.0 |
| 19 | ***** | 30.8 | 30.6 | 30.6 | 30.1 | 29.3 | 28.5 | 27.6 | 26.8 | 25.9 | 24.9 | 21.9 | 16.9 | 9.8 |
| 20 | ***** | 30.0 | 29.8 | 29.8 | 29.4 | 28.6 | 27.8 | 26.9 | 26.1 | 25.2 | 24.3 | 21.3 | 16.5 | 9.5 |
| 21 | ***** | 29.3 | 29.1 | 28.7 | 28.0 | 27.1 | 26.3 | 25.5 | 24.6 | 23.7 | 22.8 | 20.8 | 16.1 | 9.3 |
| 22 | ***** | 28.6 | 28.4 | 28.4 | 28.0 | 27.3 | 26.5 | 25.7 | 24.9 | 24.0 | 23.2 | 20.3 | 15.7 | 9.1 |
| 23 | ***** | 28.0 | 27.8 | 27.8 | 27.4 | 26.7 | 25.9 | 25.1 | 24.3 | 23.5 | 22.7 | 19.9 | 15.4 | 8.9 |
| 24 | ***** | 27.4 | 27.2 | 27.2 | 26.8 | 26.1 | 25.4 | 24.6 | 23.8 | 23.0 | 22.2 | 19.4 | 15.1 | 8.7 |
| 25 | ***** | 26.8 | 26.7 | 26.7 | 26.3 | 25.6 | 24.8 | 24.1 | 23.3 | 22.5 | 21.7 | 19.1 | 14.8 | 8.5 |
| 30 | ***** | 24.5 | 24.4 | 24.4 | 24.0 | 23.3 | 22.7 | 22.0 | 21.3 | 20.6 | 19.8 | 17.4 | 13.5 | 7.8 |
| 35 | ***** | 22.5 | 22.5 | 22.5 | 22.2 | 21.6 | 21.0 | 20.4 | 19.7 | 19.1 | 18.4 | 16.1 | 12.5 | 7.2 |
| 40 | ***** | 21.1 | 21.1 | 21.1 | 20.8 | 20.2 | 19.6 | 19.1 | 18.4 | 17.8 | 17.2 | 15.1 | 11.7 | 6.7 |
| 45 | ***** | 19.9 | 19.9 | 19.9 | 19.6 | 19.1 | 18.5 | 18.0 | 17.4 | 16.8 | 16.2 | 14.2 | 11.0 | 6.4 |
| 50 | ***** | 18.9 | 18.9 | 18.9 | 18.6 | 18.1 | 17.6 | 17.0 | 16.5 | 15.9 | 15.4 | 13.5 | 10.4 | 6.0 |
| 55 | ***** | 18.0 | 18.0 | 18.0 | 17.7 | 17.2 | 16.8 | 16.2 | 15.7 | 15.2 | 14.6 | 12.8 | 10.0 | 5.7 |
| 60 | ***** | 17.2 | 17.2 | 17.2 | 17.0 | 16.5 | 16.0 | 15.6 | 15.1 | 14.6 | 14.1 | 12.3 | 9.5 | 5.5 |
| 65 | ***** | 16.5 | 16.5 | 16.5 | 16.3 | 15.9 | 15.4 | 14.9 | 14.5 | 14.0 | 13.5 | 11.8 | 9.2 | 5.3 |
| 70 | ***** | ***** | ***** | ***** | 15.7 | 15.3 | 14.8 | 14.4 | 13.9 | 13.5 | 12.9 | 11.4 | 8.8 | 5.1 |
| 75 | ***** | ***** | ***** | 15.2 | 14.8 | 14.3 | 13.9 | 13.5 | 13.0 | 12.5 | 12.1 | 11.0 | 8.5 | 4.9 |
| 80 | ***** | ***** | ***** | 14.7 | 14.3 | 13.9 | 13.5 | 13.0 | 12.6 | 12.1 | 11.7 | 10.7 | 8.3 | 4.8 |
| 85 | ***** | ***** | ***** | 14.2 | 13.9 | 13.5 | 13.1 | 12.7 | 12.2 | 11.8 | 11.3 | 10.3 | 8.0 | 4.6 |
| 90 | ***** | ***** | ***** | 13.8 | 13.5 | 13.1 | 12.7 | 12.3 | 11.9 | 11.5 | 11.0 | 10.0 | 7.8 | 4.5 |
| 95 | ***** | ***** | ***** | 13.5 | 13.1 | 12.7 | 12.4 | 12.0 | 11.6 | 11.1 | 10.7 | 9.8 | 7.6 | 4.4 |
| 100 | ***** | ***** | ***** | 13.1 | 12.8 | 12.4 | 12.1 | 11.7 | 11.3 | 10.9 | 10.4 | 9.5 | 7.4 | 4.3 |

NOTES: FOR CORRECT USAGE OF THESE TABLES REFER TO CHAPTER 8

*** CONTINUES ***

APPROXIMATE VARIANCE TABLES
 GENERAL SOCIAL SURVEY CYCLE 4
 PRAIRIE PROVINCES

| NUMERATOR OF PERCENTAGE ('000) | 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% |
| 125 | ***** | ***** | ***** | 11.7 | 11.4 | 11.1 | 10.8 | 10.4 | 10.1 | 9.7 | 9.3 | 8.5 | 6.6 | 3.8 |
| 150 | ***** | ***** | ***** | 10.7 | 10.4 | 10.1 | 9.8 | 9.5 | 9.2 | 8.9 | 8.5 | 7.8 | 6.0 | 3.5 |
| 200 | ***** | ***** | ***** | ***** | 9.0 | 8.8 | 8.5 | 8.3 | 8.0 | 7.7 | 7.4 | 6.7 | 5.2 | 3.0 |
| 250 | ***** | ***** | ***** | ***** | 8.1 | 7.9 | 7.6 | 7.4 | 7.1 | 6.9 | 6.6 | 6.0 | 4.7 | 2.7 |
| 300 | ***** | ***** | ***** | ***** | 7.4 | 7.2 | 7.0 | 6.7 | 6.5 | 6.3 | 6.0 | 5.5 | 4.3 | 2.5 |
| 350 | ***** | ***** | ***** | ***** | ***** | 6.6 | 6.4 | 6.2 | 6.0 | 5.8 | 5.6 | 5.1 | 3.9 | 2.3 |
| 400 | ***** | ***** | ***** | ***** | ***** | 6.2 | 6.0 | 5.8 | 5.6 | 5.4 | 5.2 | 4.8 | 3.7 | 2.1 |
| 450 | ***** | ***** | ***** | ***** | ***** | 5.9 | 5.7 | 5.5 | 5.3 | 5.1 | 4.9 | 4.5 | 3.5 | 2.0 |
| 500 | ***** | ***** | ***** | ***** | ***** | 5.6 | 5.4 | 5.2 | 5.0 | 4.9 | 4.7 | 4.3 | 3.3 | 1.9 |
| 750 | ***** | ***** | ***** | ***** | ***** | ***** | ***** | 4.3 | 4.1 | 4.0 | 3.8 | 3.5 | 2.7 | 1.6 |
| 1000 | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | 3.6 | 3.4 | 3.3 | 3.0 | 2.3 | 1.3 |
| 1500 | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | 2.5 | 1.9 | 1.1 |
| 2000 | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | 1.7 | 1.0 |
| 3000 | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | ***** | 0.8 |

NOTES: FOR CORRECT USAGE OF THESE TABLES REFER TO CHAPTER 8

APPENDIX B

Survey Documents



General Social Survey Selection Control Form

GSS 4-1

Confidential when completed

1: 2:

3: 4: 5:

TELEPHONE NUMBER LABEL

| RECORD OF CALLS | | | | | | | | | |
|-----------------|---------|-------|----------|-----|-----------|-----|-----------|-----------------------|-------------|
| 10 | 11 Date | | 12 Start | | 13 Finish | | 14 Result | 15 Interviewer's Name | 16 Comments |
| | Day | Month | Hour | Min | Hour | Min | | | |
| 01 | | | | | | | | | |
| 02 | | | | | | | | | |
| 03 | | | | | | | | | |
| 04 | | | | | | | | | |
| 05 | | | | | | | | | |
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| 22 | | | | | | | | | |
| 23 | | | | | | | | | |
| 24 | | | | | | | | | |
| 25 | | | | | | | | | |

17. Call Coverage by Time of Day and Day of Week

| Time Period | Mon | Tues | Wed | Thur | Fri | Sat |
|---------------|-----|------|-----|------|-----|-----|
| 09:00 - 12:00 | | | | | | |
| 12:01 - 16:00 | | | | | | |
| 16:01 - 19:00 | | | | | | |
| 19:01 - 21:00 | | | | | | |

18. Forms Control

| Form | Number of forms |
|---------|----------------------|
| GSS 4-1 | <input type="text"/> |
| GSS 4-2 | <input type="text"/> |

19. Interviewer Number

Senior Interviewer Only

20. Final Status

30. Hello, I'm from Statistics Canada. I'm calling you for a survey on education, work and retirement.

31. I'd like to make sure that I've dialed the right number. Is this (read number)?
 Yes
 No → Dial again, if still wrong. END

32. All information we collect will be kept confidential. While your participation is voluntary, it is essential if the survey results are to be accurate.

33. Is this the number for a business, an institution or a private home?
 Private home
 Both home and business → Go to 36
 Business, institution or other non residence

34. Does anyone use this telephone number as a home phone number?
 Yes
 No → Thank respondent and END

35. How many persons live or stay at this address and use this number as a home phone number?
 Less than 15
 15 or more → Make appointment.

36. I need to select one person from your household for an interview. Starting with the oldest, what is the name and age of each person living or staying there who has no usual place of residence elsewhere?
 (Enter names and ages in items 42 and 44.)

37. **INTERVIEWER:** • Enter answers for items 45 through 48 for each person recorded in item 42. Refer to Interviewer Reference Card for instructions and codes.
 • Then go to item 60.

| 40. Page | 41. Line | 42. Names of Household Members | 43. Sel # | 44. Age | 45. Sex | 46. What is 's marital status? | 47. Family Identifier | 48. What is 's relationship to (Head of Family)? |
|----------|----------|-----------------------------------|-----------|---------|---------|--------------------------------------|-----------------------|--|
| | 1 | Given name _____ Surname _____ | | | | | | <input type="checkbox"/> If '0', specify |
| | 2 | Given name _____ Surname _____ | | | | | | <input type="checkbox"/> If '0', specify |
| | 3 | Given name _____ Surname _____ | | | | | | <input type="checkbox"/> If '0', specify |
| | 4 | Given name _____ Surname _____ | | | | | | <input type="checkbox"/> If '0', specify |
| | 5 | Given name _____ Surname _____ | | | | | | <input type="checkbox"/> If '0', specify |
| | 6 | Given name _____ Surname _____ | | | | | | <input type="checkbox"/> If '0', specify |
| | 7 | Given name _____ Surname _____ | | | | | | <input type="checkbox"/> If '0', specify |
| | 8 | Given name _____ Surname _____ | | | | | | <input type="checkbox"/> If '0', specify |

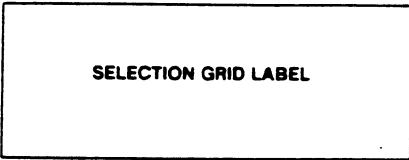
60. **INTERVIEWER:** Enter Page-Line no. of person giving the above information. →

61. Are there any persons away from this household attending school, visiting, travelling or in the hospital who USUALLY live there?
 Yes → Enter names and complete items 44 through 48
 No

62. Does anyone else live there, such as other relatives, roomers, boarders or employees?
 Yes → Enter names and complete items 44 through 48
 No

63. **INTERVIEWER:** • In item 43 number the persons 15 years of age and over in order from oldest to youngest.
 • Enter number of eligible household members

64. **INTERVIEWER:** • Determine the selected person by referring to the Selection Grid.
 • In Item 43 circle the selected person number and enter Page-Line no.



65. The person I am to interview is (read name) (Is he/she there?)
 Yes → Go to form GSS 4-2
 No → Set up appointment and enter details in item 16

A = Eligible household members
 B = Selection number



Statistics Canada Statistique Canada

Interviewer's Name

1: - - Telephone Number

5: Label Identification Number

Page - Line Number

1 Type

GSS 4-2

Confidential when completed

GENERAL SOCIAL SURVEY

EDUCATION AND WORK

QUESTIONNAIRE

AGES 15 YEARS AND OVER

| <p>A SECTION A: Education Screen</p> <p>A1. INTERVIEWER: Repeat the introduction below if selected respondent is different from household respondent.</p> <p style="text-align: center;">Hello, I'm from Statistics Canada. I'm calling you for a survey on education, work and retirement.</p> <p style="text-align: center;">All the information we collect is kept confidential. While your participation is voluntary, it is essential if the survey results are to be accurate.</p> | <p>A8. Have you had any further schooling beyond elementary/high school?</p> <p>Yes 1 <input type="radio"/> → Go to A10</p> <p>No 2 <input type="radio"/></p> <p>A9. Are you presently working towards elementary or high school graduation?</p> <p>Yes 3 <input type="radio"/> → Go to B5</p> <p>No 4 <input type="radio"/> → Go to C1</p> <p>A10. Have you ever taken any university, college or CEGEP level course in biology, chemistry or physics?</p> <p>Yes 5 <input type="radio"/></p> <p>No 6 <input type="radio"/></p> | | | | | | | | | | | | | | | |
|--|--|-------------------------|-----|-----------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|---|
| <p>A2. Now I'd like to ask you some questions about your education.</p> <p>A3. How many years of elementary and high school education have you successfully completed?</p> <p>No schooling 01 <input type="radio"/> → Go to E1</p> <p>One to five years 02 <input type="radio"/> → Go to A8</p> <p>Six 03 <input type="radio"/> → Go to A8</p> <p>Seven 04 <input type="radio"/> → Go to A8</p> <p>Eight 05 <input type="radio"/> → Go to A8</p> <p>Nine 06 <input type="radio"/> → Go to A7</p> <p>Ten 07 <input type="radio"/> → Go to A7</p> <p>Eleven 08 <input type="radio"/></p> <p>Twelve 09 <input type="radio"/></p> <p>Thirteen 10 <input type="radio"/></p> | <p>A11. What is the highest level of education that you have attained? (Mark one only)</p> <p>Masters or earned doctorate 1 <input type="radio"/> → Go to A15</p> <p>Bachelor or undergraduate degree, or teacher's college 2 <input type="radio"/> → Go to A15</p> <p>Diploma or certificate from community college, CEGEP or nursing school 3 <input type="radio"/> → Go to A15</p> <p>Diploma or certificate from trade, technical or vocational school, or business college 4 <input type="radio"/> → Go to A15</p> <p>Some university 5 <input type="radio"/></p> <p>Some community college, CEGEP or nursing school 6 <input type="radio"/></p> <p>Some trade, technical or vocational school, or business college 7 <input type="radio"/></p> <p>Other 8 <input type="radio"/> ↓ (Specify)</p> <p>_____</p> <p>_____</p> | | | | | | | | | | | | | | | |
| <p>A4. Have you graduated from high school?</p> <p>Yes 1 <input type="radio"/></p> <p>No 2 <input type="radio"/> → Go to A7</p> | <p>A12. When you took courses at university/college/trade school, were you working towards a degree, diploma or certificate?</p> <p>Yes 1 <input type="radio"/></p> <p>No 2 <input type="radio"/> → Go to A14</p> | | | | | | | | | | | | | | | |
| <p>A5. In high school, did you take a course in ...</p> <table style="width: 100%; border: none;"> <thead> <tr> <th></th> <th style="text-align: center;">Yes</th> <th style="text-align: center;">No</th> </tr> </thead> <tbody> <tr> <td>a) Mathematics?</td> <td style="text-align: center;">2 <input type="radio"/></td> <td style="text-align: center;">3 <input type="radio"/></td> </tr> <tr> <td>b) Chemistry?</td> <td style="text-align: center;">4 <input type="radio"/></td> <td style="text-align: center;">5 <input type="radio"/></td> </tr> <tr> <td>c) Geography?</td> <td style="text-align: center;">6 <input type="radio"/></td> <td style="text-align: center;">7 <input type="radio"/></td> </tr> <tr> <td>d) Physics?</td> <td style="text-align: center;">8 <input type="radio"/></td> <td style="text-align: center;">9 <input type="radio"/></td> </tr> </tbody> </table> | | Yes | No | a) Mathematics? | 2 <input type="radio"/> | 3 <input type="radio"/> | b) Chemistry? | 4 <input type="radio"/> | 5 <input type="radio"/> | c) Geography? | 6 <input type="radio"/> | 7 <input type="radio"/> | d) Physics? | 8 <input type="radio"/> | 9 <input type="radio"/> | <p>A13. Are you still working towards your degree, diploma or certificate?</p> <p>Yes 3 <input type="radio"/> → Go to B1</p> <p>No 4 <input type="radio"/></p> |
| | Yes | No | | | | | | | | | | | | | | |
| a) Mathematics? | 2 <input type="radio"/> | 3 <input type="radio"/> | | | | | | | | | | | | | | |
| b) Chemistry? | 4 <input type="radio"/> | 5 <input type="radio"/> | | | | | | | | | | | | | | |
| c) Geography? | 6 <input type="radio"/> | 7 <input type="radio"/> | | | | | | | | | | | | | | |
| d) Physics? | 8 <input type="radio"/> | 9 <input type="radio"/> | | | | | | | | | | | | | | |
| <p>A6. Have you had any further schooling beyond elementary/high school?</p> <p>Yes 1 <input type="radio"/> → Go to A10</p> <p>No 2 <input type="radio"/> → Go to C1</p> | <p>A7. In high school, did you take a course in ...</p> <table style="width: 100%; border: none;"> <thead> <tr> <th></th> <th style="text-align: center;">Yes</th> <th style="text-align: center;">No</th> </tr> </thead> <tbody> <tr> <td>a) Mathematics?</td> <td style="text-align: center;">2 <input type="radio"/></td> <td style="text-align: center;">3 <input type="radio"/></td> </tr> <tr> <td>b) Chemistry?</td> <td style="text-align: center;">4 <input type="radio"/></td> <td style="text-align: center;">5 <input type="radio"/></td> </tr> <tr> <td>c) Geography?</td> <td style="text-align: center;">6 <input type="radio"/></td> <td style="text-align: center;">7 <input type="radio"/></td> </tr> <tr> <td>d) Physics?</td> <td style="text-align: center;">8 <input type="radio"/></td> <td style="text-align: center;">9 <input type="radio"/></td> </tr> </tbody> </table> | | Yes | No | a) Mathematics? | 2 <input type="radio"/> | 3 <input type="radio"/> | b) Chemistry? | 4 <input type="radio"/> | 5 <input type="radio"/> | c) Geography? | 6 <input type="radio"/> | 7 <input type="radio"/> | d) Physics? | 8 <input type="radio"/> | 9 <input type="radio"/> |
| | Yes | No | | | | | | | | | | | | | | |
| a) Mathematics? | 2 <input type="radio"/> | 3 <input type="radio"/> | | | | | | | | | | | | | | |
| b) Chemistry? | 4 <input type="radio"/> | 5 <input type="radio"/> | | | | | | | | | | | | | | |
| c) Geography? | 6 <input type="radio"/> | 7 <input type="radio"/> | | | | | | | | | | | | | | |
| d) Physics? | 8 <input type="radio"/> | 9 <input type="radio"/> | | | | | | | | | | | | | | |

A14 What is the highest degree, diploma or certificate that you have completed?

(Mark one only)

- Masters or earned doctorate 1
- Bachelor or undergraduate degree, or teacher's college 2
- Diploma or certificate from community college, CEGEP or nursing school 3
- Diploma or certificate from trade, technical or vocational school, or business college 4
- High school diploma 5 → Go to A17
- Less than high school diploma 6 → Go to A17
- Other 7

(Specify)

SECTION B: Current Education

B

B1. I now have a few questions to ask you about the educational program you are currently working on.

B2. What degree, diploma or certificate are you working towards?

(Mark one only)

- Masters or earned doctorate 1
- Bachelor or undergraduate degree, or teacher's college 2
- Diploma or certificate from community college, CEGEP or nursing school 3
- Diploma or certificate from trade, technical or vocational school, or business college 4
- Elementary High school diploma 5 → Go to B5
- Other 6

(Specify)

A15. What was the major field of study or specialization for your degree, diploma or certificate?

B3. What is the major field of study or specialization for that degree/diploma/certificate?

A16. What was your MAIN reason for choosing this field of study? Was it to prepare for first career, to change or improve career, to improve earnings, because of interest in subject, or for some other reason?

(Mark one only)

- To prepare for first career 1
- To change careers 2
- To improve career 3
- To improve earnings 4
- Because of interest in subject 5
- For some other reason 6

(Specify)

B4. What was your MAIN reason for choosing this field of study? Was it to prepare for first career, to change or improve career, to improve earnings, because of interest in subject, or for some other reason?

(Mark one only)

- To prepare for first career 1
- To change careers 2
- To improve career 3
- To improve earnings 4
- Because of interest in subject 5
- For some other reason 6

(Specify)

A17. Are you now working towards a different degree, diploma or certificate?

- Yes 7
- No 8 → Go to C1

B5. In the last 12 months did you take any courses for this program?

- Yes 7
- No 8 → Go to B7

| | |
|---|--|
| <p>B6. Were you mainly a full-time or a part-time student?</p> <p>Full-time 1 <input type="radio"/></p> <p>Part-time 2 <input type="radio"/></p> | <p>C5. In what year did you get the first job since completing the program?</p> <p>19 <input style="width: 40px;" type="text"/></p> |
|---|--|

| | |
|--|---|
| <p>B7. In what year do you expect to complete the program leading to your degree/diploma/certificate?</p> <p>19 <input style="width: 40px;" type="text"/></p> | <p>C6. For whom did you work at that job? <i>(Name of business, government department or agency, or person)</i></p> <p><input style="width: 100%; height: 15px;" type="text"/></p> <p><input style="width: 100%; height: 15px;" type="text"/></p> <p><input style="width: 100%; height: 15px;" type="text"/></p> |
|--|---|

| | |
|--|---|
| <p>B8. What do you expect to do when you graduate from your current program? <i>(Mark one only)</i></p> <p>Work at a new or first job 3 <input type="radio"/></p> <p>Go on to further education 4 <input type="radio"/></p> <p>Work at the same job 5 <input type="radio"/></p> <p>Don't know 6 <input type="radio"/></p> <p>Other 7 <input type="radio"/></p> <p style="text-align: right;">↓</p> <p style="text-align: right;"><i>(Specify)</i></p> <p><input style="width: 100%; height: 15px;" type="text"/></p> <p><input style="width: 100%; height: 15px;" type="text"/></p> | <p>C7. INTERVIEWER: Go to C9</p> <p>C8. For whom did you work the longest time during those 12 months? <i>(Name of business, government department or agency, or person)</i></p> <p><input style="width: 100%; height: 15px;" type="text"/></p> <p><input style="width: 100%; height: 15px;" type="text"/></p> <p><input style="width: 100%; height: 15px;" type="text"/></p> |
|--|---|

| | |
|---|---|
| <p>B9. INTERVIEWER: Go to D1</p> | <p>C9. What kind of business, industry or service was this? <i>(Give full description: e.g. paper box manufacturing, retail shoe store, municipal board of education)</i></p> <p><input style="width: 100%; height: 15px;" type="text"/></p> <p><input style="width: 100%; height: 15px;" type="text"/></p> <p><input style="width: 100%; height: 15px;" type="text"/></p> |
|---|---|

C SECTION C: After Education

C1. In what year did you complete your studies or stop taking courses?

19

C2. During the 12 months after you completed these studies, what best describes your MAIN activity? Were you mainly ...
(Mark one only)

Working at a job or business? 1 → Go to C8

Looking for work? 2

A student? 3

Keeping house? 4

Retired? 5

Other 6

↓

(Specify)

C3. Did you have a job or were you self-employed at any time during those 12 months?

Yes 7 → Go to C8

No 8

C4. Have you ever had a job since completing that program?

Yes 1

No 2 → Go to D1

C9. What kind of business, industry or service was this?
(Give full description: e.g. paper box manufacturing, retail shoe store, municipal board of education)

C10. What kind of work were you doing?
(Give a full description: e.g. accounts clerk, dairy farmer, primary school teacher)

C11. Was this work mostly full-time or part-time?

Full-time 3

Part-time 4

Both equally 5

C12. How closely was that job related to your education? Was it ...

closely related? 6

somewhat related? 7

not at all related? 8

| | |
|--|--|
| <p>D SECTION D: Before Education</p> | <p>D7. Before starting your program, in what year did you last work at a full-time job that lasted six months or more?</p> |
| <p>D1. For the next few questions, think back to the time when you started the studies for your degree/diploma/certificate.</p> | <p>19 <input type="text"/> <input type="text"/></p> <p>Still working at it 99 <input type="radio"/> → Go to E1</p> |
| <p>D2. In what year did you start your studies for this degree/diploma/certificate?</p> <p>19 <input type="text"/> <input type="text"/></p> | <p>D8. For whom did you work at that job? (Name of business, government department or agency, or person)</p> <p><input type="text"/></p> <p><input type="text"/></p> <p><input type="text"/></p> |
| <p>D3. At that time were you less than 15 years old?</p> <p>Yes 1 <input type="radio"/> → Go to E1</p> <p>No 2 <input type="radio"/></p> | |
| <p>D4. During the 12 months before you started these studies, what best describes your MAIN activity? Were you mainly ... (Mark one only)</p> <p>Working at a job or business? 3 <input type="radio"/> → Go to D10</p> <p>Looking for work? 4 <input type="radio"/></p> <p>A student? 5 <input type="radio"/></p> <p>Keeping house? 6 <input type="radio"/></p> <p>Retired? 7 <input type="radio"/></p> <p>Other 8 <input type="radio"/></p> <p style="text-align: center;">↓ (Specify)</p> <p><input type="text"/></p> <p><input type="text"/></p> | <p>D9. INTERVIEWER: Go to D11.</p> |
| <p>D5. Before starting the program, had you ever held a full-time job for 6 months or more? (Exclude summer jobs)</p> <p>Yes 1 <input type="radio"/></p> <p>No 2 <input type="radio"/> → Go to E1</p> | <p>D10. For whom did you work the longest time during those 12 months? (Name of business, government department or agency, or person)</p> <p><input type="text"/></p> <p><input type="text"/></p> <p><input type="text"/></p> |
| <p>D6. How many months or years of total full-time work experience did you have before you started your program?</p> <p>6 months to less than 1 year 3 <input type="radio"/></p> <p>1 to less than 3 years 4 <input type="radio"/></p> <p>3 to less than 5 years 5 <input type="radio"/></p> <p>5 to less than 7 years 6 <input type="radio"/></p> <p>7 years or more 7 <input type="radio"/></p> | <p>D11. What kind of business, industry or service was this? (Give full description: e.g. paper box manufacturing, retail shoe store, municipal board of education)</p> <p><input type="text"/></p> <p><input type="text"/></p> <p><input type="text"/></p> |
| | <p>D12. What kind of work were you doing? (Give a full description: e.g. accounts clerk, dairy farmer, primary school teacher)</p> <p><input type="text"/></p> <p><input type="text"/></p> <p><input type="text"/></p> |

F SECTION F Science and Technology

F1. There are lots of topics in the news. I am going to read you a short list of them and for each one I would like you to tell me if you are very interested, moderately interested, or not at all interested.

| | Very interested | Moderately interested | Not at all interested | No opinion |
|---|--------------------------|--------------------------|--------------------------|--------------------------|
| a) Current affairs, including national and local events | 01 <input type="radio"/> | 02 <input type="radio"/> | 03 <input type="radio"/> | 04 <input type="radio"/> |
| b) Economic conditions and business issues | 05 <input type="radio"/> | 06 <input type="radio"/> | 07 <input type="radio"/> | 08 <input type="radio"/> |
| c) New inventions and technologies | 09 <input type="radio"/> | 10 <input type="radio"/> | 11 <input type="radio"/> | 12 <input type="radio"/> |
| d) Recent scientific discoveries | 13 <input type="radio"/> | 14 <input type="radio"/> | 15 <input type="radio"/> | 16 <input type="radio"/> |

F2. I would like you to tell me how well informed you are about these topics. Are you very well informed, moderately informed, or poorly informed about . . .

| | Very well informed | Moderately informed | Poorly informed | No opinion |
|---|--------------------------|--------------------------|--------------------------|--------------------------|
| a) Current affairs, including national and local events | 17 <input type="radio"/> | 18 <input type="radio"/> | 19 <input type="radio"/> | 20 <input type="radio"/> |
| b) Economic conditions and business issues | 21 <input type="radio"/> | 22 <input type="radio"/> | 23 <input type="radio"/> | 24 <input type="radio"/> |
| c) New inventions and technologies | 25 <input type="radio"/> | 26 <input type="radio"/> | 27 <input type="radio"/> | 28 <input type="radio"/> |
| d) Recent scientific discoveries | 29 <input type="radio"/> | 30 <input type="radio"/> | 31 <input type="radio"/> | 32 <input type="radio"/> |

F3. How often do you pay attention to programs about science and technology . . .

| | Regularly | Occasionally | Never |
|------------------|-------------------------|-------------------------|-------------------------|
| a) On television | 1 <input type="radio"/> | 2 <input type="radio"/> | 3 <input type="radio"/> |
| b) On radio | 4 <input type="radio"/> | 5 <input type="radio"/> | 6 <input type="radio"/> |

F4. How often do you read articles about science and technology in . . .

| | Regularly | Occasionally | Never |
|---------------|-------------------------|-------------------------|-------------------------|
| a) Newspapers | 1 <input type="radio"/> | 2 <input type="radio"/> | 3 <input type="radio"/> |
| b) Magazines | 4 <input type="radio"/> | 5 <input type="radio"/> | 6 <input type="radio"/> |

F5. Please tell me if you agree or disagree with the following statements.

| | | Is that somewhat or strongly? | | |
|--|------------|-------------------------------|---|--------------------------|
| | | Somewhat | | Strongly |
| a) Science and technology are making our lives better | Agree | 01 <input type="radio"/> | → | 02 <input type="radio"/> |
| | Disagree | 04 <input type="radio"/> | → | 05 <input type="radio"/> |
| | No opinion | 07 <input type="radio"/> | | 03 <input type="radio"/> |
| b) Science and technology will make work more interesting | Agree | 08 <input type="radio"/> | → | 09 <input type="radio"/> |
| | Disagree | 11 <input type="radio"/> | → | 12 <input type="radio"/> |
| | No opinion | 14 <input type="radio"/> | | 10 <input type="radio"/> |
| c) On balance, computers and automation will create more jobs than they will eliminate | Agree | 15 <input type="radio"/> | → | 16 <input type="radio"/> |
| | Disagree | 18 <input type="radio"/> | → | 19 <input type="radio"/> |
| | No opinion | 21 <input type="radio"/> | | 17 <input type="radio"/> |
| d) Science makes our life change too fast | Agree | 22 <input type="radio"/> | → | 23 <input type="radio"/> |
| | Disagree | 25 <input type="radio"/> | → | 26 <input type="radio"/> |
| | No opinion | 28 <input type="radio"/> | | 24 <input type="radio"/> |

F6. I'm going to read you a list of things governments spend money on. For each one, tell me if you think the government is spending too little, about the right amount, or too much.

| | Too little | About the right amount | Too much | No opinion |
|--|--------------------------|--------------------------|--------------------------|--------------------------|
| a) Health care | 01 <input type="radio"/> | 02 <input type="radio"/> | 03 <input type="radio"/> | 04 <input type="radio"/> |
| b) Helping older people | 05 <input type="radio"/> | 06 <input type="radio"/> | 07 <input type="radio"/> | 08 <input type="radio"/> |
| c) Education | 09 <input type="radio"/> | 10 <input type="radio"/> | 11 <input type="radio"/> | 12 <input type="radio"/> |
| d) Helping the unemployed | 13 <input type="radio"/> | 14 <input type="radio"/> | 15 <input type="radio"/> | 16 <input type="radio"/> |
| e) Scientific research | 17 <input type="radio"/> | 18 <input type="radio"/> | 19 <input type="radio"/> | 20 <input type="radio"/> |
| f) Helping people on low incomes | 21 <input type="radio"/> | 22 <input type="radio"/> | 23 <input type="radio"/> | 24 <input type="radio"/> |
| g) Reducing pollution | 25 <input type="radio"/> | 26 <input type="radio"/> | 27 <input type="radio"/> | 28 <input type="radio"/> |

G SECTION G: Work Screen

G1. Now some questions about your activities.

G2. During 1988, what best describes your MAIN activity? Were you mainly ...

(Mark one only)

Working at a job or business? 1 → Go to G9

Looking for work? 2

A student? 3

Keeping house? 4

Retired? 5

Other 6
↓
(Specify)

G3. Did you have a job or were you self-employed at any time during 1988?

Yes 7 → Go to G9

No 8

G4. Did you do any work at a job or business last week?

Yes 1 → Go to H1

No 2

G5. Did you look for a job in the last four weeks?

Yes 3 → Go to L1

No 4

G6. During last week, what best describes your MAIN activity? Were you mainly ...

(Mark one only)

A student? 5 → Go to L7

Keeping house? 6 → Go to L4

Retired? 7 → Go to G8

Other 8
↓
(Specify)

G7. INTERVIEWER: Go to L7

G8. Have you ever worked at a job or business?

Yes 1 → Go to K1

No 2 → Go to K36

G9. For how many weeks during 1988 did you do any work at a job or business?

(Include vacation, illness, strikes, lock-outs and maternity leave)

_____ weeks

G10. During those weeks, was the work mostly full-time or part-time?

Full-time 3

Part-time 4

Both equally 5

G11. During those weeks were you mainly ...

An employee working for someone else? 6 → Go to G14

Self-employed? 7

G12. During those weeks, did you have any paid employees?

Yes 8

No 9 → Go to G14

| | |
|--|--|
| <p>G13. About how many employees did you have? (If range given, enter maximum)</p> <p> <input type="text"/> <input type="text"/> employees</p> | <p>G21. Was this your main job last week?</p> <p>Yes 7 <input type="radio"/></p> <p>No 8 <input type="radio"/> → Go to H2</p> |
| <p>G14. For whom did you work the longest time during 1988? (Name of business, government department or agency, or person)</p> <p> <input type="text"/></p> <p> <input type="text"/></p> <p> <input type="text"/></p> | <p>G22. How many hours per week do you usually work at your:</p> <p>(main) job <input type="text"/> <input type="text"/> <input type="text"/></p> <p>other jobs <input type="text"/> <input type="text"/> <input type="text"/></p> <p>G23. INTERVIEWER: Is total in G22 30 or more hours?</p> <p>Yes 3 <input type="radio"/> → Go to H11</p> <p>No 4 <input type="radio"/></p> |
| <p>G15. What kind of business, industry or service was this? (Give full description: e.g. paper box manufacturing, retail shoe store, municipal board of education)</p> <p> <input type="text"/></p> <p> <input type="text"/></p> <p> <input type="text"/></p> | <p>G24. Why do you usually work less than 30 hours per week? (Mark all that apply)</p> <p>Own illness or disability 1 <input type="radio"/></p> <p>Personal or family responsibilities 2 <input type="radio"/></p> <p>Going to school 3 <input type="radio"/></p> <p>Could only find part-time work 4 <input type="radio"/></p> <p>Did not want full-time work 5 <input type="radio"/></p> <p>Full-time work under 30 hours per week 6 <input type="radio"/></p> <p>Other 7 <input type="radio"/></p> <p style="text-align: right;">↓ (Specify)</p> <p> <input type="text"/></p> <p> <input type="text"/></p> |
| <p>G16. What kind of work were you doing? (Give full description: e.g. accounts clerk, dairy farmer, primary school teacher)</p> <p> <input type="text"/></p> <p> <input type="text"/></p> <p> <input type="text"/></p> | <p>G25. INTERVIEWER: Go to H11</p> <p>G26. Did you do any work at a job or business last week?</p> <p>Yes 8 <input type="radio"/> → Go to H1</p> <p>No 9 <input type="radio"/></p> <p>G27. Last week, did you have a job to which you expected to return?</p> <p>Yes 1 <input type="radio"/> → Go to G32</p> <p>No 2 <input type="radio"/></p> |
| <p>G17. Did you work for the same employer last week?</p> <p>Yes 1 <input type="radio"/></p> <p>No 2 <input type="radio"/> → Go to G26</p> | <p>G28. Did you look for a job in the last four weeks?</p> <p>Yes 3 <input type="radio"/> → Go to L1</p> <p>No 4 <input type="radio"/></p> |
| <p>G18. Did you do the same kind of work last week?</p> <p>Yes 3 <input type="radio"/> → Go to G20</p> <p>No 4 <input type="radio"/></p> | <p>G29. Was this because you believed no jobs were available?</p> <p>Yes 5 <input type="radio"/> → Go to L2</p> <p>No 6 <input type="radio"/></p> |
| <p>G19. What kind of work were you doing last week? (Give full description: e.g. accounts clerk, dairy farmer, primary school teacher)</p> <p> <input type="text"/></p> <p> <input type="text"/></p> <p> <input type="text"/></p> | <p>G20. Was this the only job at which you worked last week?</p> <p>Yes 5 <input type="radio"/> → Go to G22</p> <p>No 6 <input type="radio"/></p> |

G30. During last week, what best describes your MAIN activity? Were you mainly . . .
(Mark one only)

A student? 1 → Go to L7

Keeping house? 2 → Go to L4

Retired? 3 → Go to K1

Other 4
↓
(Specify)

SECTION H: Employed **H**

H1. Did you have more than one job last week?

Yes 1

No 2

H2. How many hours per week do you usually work at your:

(main) job?

other jobs?

H3. INTERVIEWER: Is total in H2 30 or more hours?

Yes 5 → Go to H5

No 6

G31. INTERVIEWER: Go to L7

G32. Why did you not work at this job last week?
(Mark one only)

Own illness or disability 01 → Go to G34

Vacation 02 → Go to G34

Maternity leave 03 → Go to G34

Personal or family responsibilities 04 → Go to G34

Layoff, expects to return (paid workers only) 05 → Go to G34

Labour dispute (strike or lockout) 06 → Go to G34

Bad weather 07 → Go to G34

Seasonal business (exclude paid workers) 08 → Go to G34

New job to start in future 09

Other 10
↓
(Specify)

H4. Why do you usually work less than 30 hours per week?
(Mark all that apply)

Own illness or disability 1

Personal or family responsibilities 2

Going to school 3

Could only find part-time work 4

Did not want full-time work 5

Full-time work under 30 hours per week 6

Other 7
↓
(Specify)

G33. INTERVIEWER: Go to L7

G34. How long ago did you last work at this job?

weeks

G35. In how many weeks do you expect to return to this job?

weeks

Don't know 98

G36. The next section asks about your job, that is the job to which you expect to return.

H5. Are you mainly . . .
(main job)

An employee working for someone else? 8 → Go to H8

Self-employed? 9

H6. Last week, did you have any paid employees?

Yes 1

No 2 → Go to H8

H7. About how many employees did you have?
(If range given, enter maximum)

employees

H8. Who was your employer last week? (main job)
(Name of business, government department or agency, or person)

Same employer as in 1988 (Same as in G14) 3 → Go to H10

H9. What kind of business, industry or service was this?
 (Give full description: e.g. paper box manufacturing, retail shoe store, municipal board of education)

H10. What kind of work were you doing?
 (Give a full description: e.g. accounts clerk, dairy farmer, primary school teacher)

Same duties as in 1988
 (Same as in G16) 4

H11. Are you satisfied or dissatisfied with your (main) job?

Is that somewhat or very?

| | | | |
|--------------|-------------------------|-------------------------|-------------------------|
| | | Somewhat | Very |
| Satisfied | 1 <input type="radio"/> | 2 <input type="radio"/> | 3 <input type="radio"/> |
| Dissatisfied | 4 <input type="radio"/> | 5 <input type="radio"/> | 6 <input type="radio"/> |
| No opinion | 7 <input type="radio"/> | | |

H12. In what year did you start working for this business/company?

19

H13. How many months in the year do you normally work at your (main) job?
 (Include vacation, illness, strikes, lock-outs and maternity leave)

months

H14. Is your (main) job permanent? That is, a job without a specific end date.

Yes 1 → Go to H21

No 2 → Go to H20

Self-employed 3

H15. Do you directly supervise any people?

Yes 4

No 5 → Go to H18

H16. Last week, how many people did you directly supervise?

people

H17. How much of your working time do you spend supervising others? Would you say ...

less than a quarter? 6

between a quarter and a half? 7

more than a half? 8

H18. In total, about how many people work in your business/company at all its locations?

Less than 20 1

Between 20 and 99 2

Between 100 and 499 3

More than 500 people 4

H19. INTERVIEWER: Go to H29

H20. Would you prefer to have a permanent job?

Yes 5

No 6

H21. Do you directly supervise any people?

Yes 7

No 8 → Go to H24

H22. Last week, how many people did you directly supervise?

people

H23. How much of your working time do you spend supervising others? Would you say ...

less than a quarter? 1

between a quarter and a half? 2

more than a half? 3

H24. In total, about how many people work in your business/company at all its locations?

Less than 20 4

Between 20 and 99 5

Between 100 and 499 6

More than 500 people 7

H25. Which of the following best describes the work you do? Is it managerial, supervisory or neither?

Managerial 1

Supervisory 2 → Go to H29

Neither 3 → Go to H29

H26. Would you say that you are in a top, upper, middle or lower management position?

Top 4

Upper 5

Middle 6

Lower 7

H27. Do you take part in planning the future business activities of ...

the entire business/company? 1

only a part of it? 2

not involved in planning 3 → Go to H29

H28. How much of your working time do you spend on planning future business activities of your company? Is it ...

less than a quarter? 4

between a quarter and a half? 5

more than a half? 6

H29. I'd like to ask for your opinions about your current job. Do you agree or disagree with the following statements?

Is that somewhat or strongly?

Somewhat

Strongly

- a) The physical surroundings at your work are pleasant
 - Agree 01 → 02
 - Disagree 04 → 05
 - No opinion 07
- b) There is a lot of freedom to decide how to do your work
 - Agree 08 → 09
 - Disagree 11 → 12
 - No opinion 14
- c) You do the same things over and over
 - Agree 15 → 16
 - Disagree 18 → 19
 - No opinion 21
- d) Your job requires a high level of skill
 - Agree 22 → 23
 - Disagree 25 → 26
 - No opinion 28
- e) The pay is good
 - Agree 29 → 30
 - Disagree 32 → 33
 - No opinion 35
- f) Your chances for promotion or career development are good
 - Agree 36 → 37
 - Disagree 39 → 40
 - No opinion 42

H30. Does your business/company provide you with . . .

Yes No Don't know

- a) a pension plan? 1 2 3
- b) medical insurance? 4 5 6
- c) a dental plan? 7 8 9

H35. In the last five years, how much has your work been affected by the introduction of computers or automated technology? Would you say . . .

- greatly? 6
- somewhat? 7
- hardly? 8 → Go to H39
- not at all? 9 → Go to H39

H31. Does your business/company provide paid maternity leave?

- Yes 1
- No 2
- Don't know 3

H36. In the last five years, has the level of skill required to perform your work increased, decreased, or stayed the same as a result of the introduction of computers or automated technology?

- Increased 1
- Decreased 2
- Stayed the same 3

H32. In the last five years, how many times have you received a promotion from your current business/company?

(Since started if less than five years ago)

promotions

H37. In the last five years, has the job security increased, decreased, or stayed the same as a result of the introduction of computers or automated technology?

- Increased 4
- Decreased 5
- Stayed the same 6

H33. Do you use computers such as mainframes, personal computers or word processors in your job?

- Yes 4
- No 5 → Go to H35

H38. Over the last five years, has your work become more interesting, less interesting, or stayed the same as a result of the introduction of computers or automated technology?

- More interesting 7
- Less interesting 8
- Stayed the same 9

H34. How many hours per week do you normally use this equipment?

(Include work done at home for job)

hours

H39. How closely is your job related to your education? Is it ...

closely related? 1

somewhat related? 2

not related at all? 3

H40. What level of education is normally required for people who do your type of work?
(Level before apprenticeship if applicable)

Masters or earned doctorate 01

Bachelor or undergraduate degree, or teacher's college 02

Diploma or certificate from community college, CEGEP or nursing school 03

Diploma or certificate from trade, technical or vocational school, or business college 04

Some post-secondary 05

High school diploma 06

Less than high school diploma 07

No qualifications specified 08

Other 09

↓
(Specify)

Don't know 10

H41. Considering your experience, education and training, do you feel that you are overqualified for your job?

Yes 1

No 2

H42. Do you think it is likely you will lose your job or be laid off in the next year?

Yes 3

No 4 → Go to H44

H43. Do you think this will be because of the introduction of computers or automated technology?

Yes 5

No 6

Don't know 7

H44. Now I will ask you some questions about your work activities during the last five years, that is, since January 1984.

H45. During 1984, what best describes your MAIN activity? Were you mainly ...
(Mark one only)

Working at a job or business? 1 → Go to H47

Looking for work? 2

A student? 3

Keeping house? 4

Retired? 5

Other 6

↓
(Specify)

H46. Did you have a job or were you self-employed at any time during 1984?

Yes 7

No 8 → Go to H51

H47. For whom did you work the longest time during 1984?
(Name of business, government department or agency, or person)

Same employer as in 1988
(Same as in G14) 1 → Go to H49

H48. What kind of business, industry or service was this?
(Give full description: e.g. paper box manufacturing, retail shoe store, municipal board of education)

H49. What kind of work were you doing in 1984?
(Give a full description: e.g. accounts clerk, dairy farmer, primary school teacher)

Same duties as in 1988
(Same as in G16) 2

| | |
|---|--|
| <p>H50. How closely was that job related to your education at that time? Was it ...</p> <p>closely related? 3 <input type="radio"/></p> <p>somewhat related? 4 <input type="radio"/></p> <p>not related at all? 5 <input type="radio"/></p> | <p>SECTION K: Retired K</p> <p>K1. Are you satisfied or dissatisfied with your retirement?</p> <p style="text-align: right;">Is that somewhat or very?</p> <p style="text-align: right;">Somewhat Very</p> <p>Satisfied 1 <input type="radio"/> → 2 <input type="radio"/> 3 <input type="radio"/></p> <p>Dissatisfied 4 <input type="radio"/> → 5 <input type="radio"/> 6 <input type="radio"/></p> <p>No opinion 7 <input type="radio"/></p> |
| <p>H51. Did you lose a job between January 1984 and December 1988 for any reason?</p> <p>Yes 6 <input type="radio"/></p> <p>No 7 <input type="radio"/> → Go to H53</p> | |
| <p>H52. Why did this happen? (Mark all that apply)</p> <p>An employer going out of business 1 <input type="radio"/></p> <p>A plant closing or moving 2 <input type="radio"/></p> <p>The introduction of new technology 3 <input type="radio"/></p> <p>Reduction of staff 4 <input type="radio"/></p> <p>Seasonal job 5 <input type="radio"/></p> <p>Shortage of work 6 <input type="radio"/></p> <p>Other 7 <input type="radio"/> ↓</p> <p style="text-align: right;">(Specify)</p> <p>_____</p> <p>_____</p> | <p>K2. In what year did you retire?</p> <p>19 <input type="text"/> <input type="text"/></p> |
| <p>H53. Between January 1984 and December 1988, how many different jobs did you have? By different jobs we mean different duties with the same employer, or different employers.</p> <p><input type="text"/> <input type="text"/> jobs</p> | <p>K3. For whom were you working when you retired? (Name of business, government department or agency, or person)</p> <p>Same employer as in 1988 (Same as in G14) 8 <input type="radio"/> → Go to K5</p> <p>_____</p> <p>_____</p> <p>_____</p> |
| <p>H54. There were 60 months between January 1984 and December 1988. In how many of those months were you working at a job or business? (Include vacation, illness, strikes, lock-outs and maternity leave)</p> <p>60 months 99 <input type="radio"/> → Go to H56</p> <p><input type="text"/> <input type="text"/> months</p> | <p>K4. What kind of business, industry or service was this? (Give full description: e.g. paper box manufacturing, retail shoe store, municipal board of education)</p> <p>_____</p> <p>_____</p> <p>_____</p> |
| <p>H55. In how many of the remaining months did you look for work?</p> <p>None 00 <input type="radio"/></p> <p><input type="text"/> <input type="text"/> months</p> | <p>K5. What kind of work were you doing? (Give a full description: e.g. accounts clerk, dairy farmer, primary school teacher)</p> <p>Same duties as in 1988 (Same as in G16) 9 <input type="radio"/></p> <p>_____</p> <p>_____</p> <p>_____</p> |
| <p>H56. Now some questions about your retirement plans.</p> | <p>K6. How closely was that job related to your education at that time? Was it ...</p> <p>closely related? 1 <input type="radio"/></p> <p>somewhat related? 2 <input type="radio"/></p> <p>not related at all? 3 <input type="radio"/></p> |
| <p>H57. At what age do you plan to retire?</p> <p><input type="text"/> <input type="text"/></p> <p>Don't know 11 <input type="radio"/></p> <p>Don't intend to retire 22 <input type="radio"/></p> | <p>K7. Did you retire because you had reached mandatory retirement age?</p> <p>Yes 4 <input type="radio"/> → Go to K9</p> <p>No 5 <input type="radio"/></p> |
| <p>H58. Do you think that mandatory retirement is a good idea?</p> <p>Yes 3 <input type="radio"/> → At what age? <input type="text"/> <input type="text"/></p> <p>No 4 <input type="radio"/></p> | |
| <p>H59. INTERVIEWER: Go to M1</p> | |

K22. Did you look for work in any month between January 1984 and December 1988?

- Yes 3
- No 4 → Go to M1

K23. There were 60 months between January 1984 and December 1988. In how many of those months did you look for work?

months

K24. INTERVIEWER: Go to M1

K25. For whom did you work the longest time during 1984?

(Name of business, government department or agency, or person)

Same employer as retired from

(Same as in K3) 5 → Go to K27

K26. What kind of business, industry or service was this?

(Give full description: e.g. paper box manufacturing, retail shoe store, municipal board of education)

K27. What kind of work were you doing in 1984?

(Give a full description: e.g. accounts clerk, dairy farmer, primary school teacher)

Same duties as retired from

(Same as in K5) 6

K28. How closely was that job related to your education at that time? Was it ...

- closely related? 7
- somewhat related? 8
- not related at all? 9

K29. Other than the job you retired from, did you lose a job between January 1984 and December 1988 for any reason?

- Yes 1
- No 2 → Go to K31

K30. Why did this happen?

(Mark all that apply)

- An employer going out of business 3
- A plant closing or moving 4
- The introduction of new technology 5
- Reduction of staff 6
- Seasonal job 7
- Shortage of work 8
- Other 9

(Specify)

K31. Between January 1984 and December 1988, how many different jobs did you have? By different jobs we mean different duties with the same employer, or different employers.

jobs

K32. There were 60 months between January 1984 and December 1988. In how many of those months were you working at a job or business?

(Include vacation, illness, strikes, lock-outs and maternity leave)

60 months 99 → Go to M1

months

K33. Did you look for work in any of the remaining months?

- Yes 1
- No 2 → Go to M1

K34. In how many of those remaining months did you look for work?

months

K35. INTERVIEWER: Go to M1

K36. Do you think mandatory retirement is a good idea?

- Yes 3 →
- No 4

At what age?

K37. During 1984, what best describes your MAIN activity? Were you mainly ...

(Mark one only)

- Looking for work? 5 → Go to K39
- A student? 6
- Keeping house? 7
- Retired? 8
- Other 9

(Specify)

K38. Did you look for work in any month between January 1984 and December 1988?
 Yes 1
 No 2 → Go to M1

K39. There were 60 months between January 1984 and December 1988. In how many of those months did you look for work?
 [] months

K40. INTERVIEWER: Go to M1

L SECTION L: Other persons

L1. Were you mainly looking for a full-time or part-time job?
 Full-time 1
 Part-time 2
 Either 3

L2. What are the chances that you will find a job in the next six months? Are they ...
 Very good? 4
 Good? 5
 Not good? 6
 Not very good? 7
 Has already found work 8

L3. INTERVIEWER: Go to L7

L4. Are you satisfied or dissatisfied to be keeping house as your main activity?
 Is that somewhat or very?
 Satisfied 1 → 2 3
 Dissatisfied 4 → 5 6
 No opinion 7

L5. Would you like to have a paying job now?
 Yes 8
 No 9 → Go to L7

L6. Do you not have a paying job ...
 Yes No N A

a) Because jobs are unavailable or hard to find? 01 02

b) Because you lack skills or qualifications? 03 04

c) Because of your own illness or disability? 05 06

d) Because you can't find suitable child care? 07 08 09

e) Because you prefer to stay home with children? 10 11 12

f) Because your spouse wants you to stay home? 13 14 15

g) Because of personal or family responsibilities? 16 17 18

h) Any other reasons? 19 20

(Specify)
 []
 []

L7. Now I will ask you some questions about your work activities during the last five years. that is, since January 1984.

L8. During 1984, what best describes your MAIN activity? Were you mainly ...
 (Mark one only)

Working at a job or business? 1 → Go to L16
 Looking for work? 2
 A student? 3
 Keeping house? 4
 Retired? 5
 Other 6
 (Specify)
 []
 []

L9. Did you have a job or were you self-employed at any time during 1984?
 Yes 7 → Go to L16
 No 8

L10. Did you work at any time between January 1984 and December 1988?
 Yes 1 → Go to L14
 No 2

L11. Did you look for work in any month between January 1984 and December 1988?
 Yes 3
 No 4 → Go to L27

L12. There were 60 months between January 1984 and December 1988. In how many of those months did you look for work?
 [] months

L13. INTERVIEWER: Go to L27

L14. What kind of work did you usually do?
 (Give a full description: e.g. accounts clerk, dairy farmer, primary school teacher)

[]
 []
 []

L15. INTERVIEWER: Go to L19

L16. For whom did you work the longest time during 1984?
 (Name of business, government department or agency, or person)
 Same employer as in 1988
 (Same as in G14) 5 → Go to L18
 []
 []
 []

L17. What kind of business, industry or service was this?
(Give full description: e.g. paper box manufacturing, retail shoe store, municipal board of education.)

L18. What kind of work were you doing in 1984?
(Give a full description: e.g. accounts clerk, dairy farmer, primary school teacher)

Same duties as in 1988
 (Same as in G16) 6

L19. How closely was that job related to your education at that time? Was it ...

closely related? 7

somewhat related? 8

not related at all? 9

L20. Considering your experience, education and training, do you feel that you have been overqualified for most of your jobs?

Yes 1

No 2

L21. Did you lose a job between January 1984 and December 1988 for any reason?

Yes 3

No 4 → Go to L23

L22. Why did this happen?
(Mark all that apply)

An employer going out of business 1

A plant closing or moving 2

The introduction of new technology 3

Reduction of staff 4

Seasonal job 5

Shortage of work 6

Other 7

↓
(Specify)

L23. Between January 1984 and December 1988, how many different jobs did you have? By different jobs we mean different duties with the same employer, or different employers.

_____ jobs

L24. There were 60 months between January 1984 and December 1988. In how many of those months were you working at a job or business?
(Include vacation, illness, strikes, lock-outs and maternity leave)

60 months 88 → Go to L27

_____ months

L25. Did you look for work in any of the remaining months?

Yes 1

No 2 → Go to L27

L26. In how many of those remaining months did you look for work?

_____ months

L27. Do you intend to work at a job in the future?

Yes 3

No 4 → Go to L29

L28. At what age do you plan to retire?

Don't know 11

Don't intend to retire 22

L29. Do you think that mandatory retirement is a good idea?

Yes 3 → At what age? _____

No 4

M SECTION M. Organizations

M1. Now I have a few questions about your involvement in associations, clubs or other groups. In the last 12 months, have you been involved in any ...

| | Yes | No |
|---|--------------------------|--------------------------|
| a) Charitable, service or volunteer organization? | 01 <input type="radio"/> | 02 <input type="radio"/> |
| b) Neighbourhood, community or school-related association? | 03 <input type="radio"/> | 04 <input type="radio"/> |
| c) Religious or church-related group, not counting time at church services? | 05 <input type="radio"/> | 06 <input type="radio"/> |
| d) Social, cultural or ethnic group? | 07 <input type="radio"/> | 08 <input type="radio"/> |
| e) Sports or athletic association? | 09 <input type="radio"/> | 10 <input type="radio"/> |
| f) Public interest group, concerned with issues such as the environment or world peace? | 11 <input type="radio"/> | 12 <input type="radio"/> |
| g) Business, professional or other work-related organization? | 13 <input type="radio"/> | 14 <input type="radio"/> |
| h) Political organization? | 15 <input type="radio"/> | 16 <input type="radio"/> |

M2. INTERVIEWER:

If all NO in M1 1 → Go to M4

Otherwise 2

M3. On average, what is the total number of hours you spend each month participating in all such organizations?

Zero 00

or

hours

M4. Are you a member of a labour union?

Yes 3

No 4 → Go to N1

M5. On average, about how many hours do you spend each month on union activities?

Zero 00

or

hours

N SECTION N: Satisfaction

N1 For this part of the survey I would like you to consider your life as it is now.

N2 Would you describe yourself as ...

| | | | | | |
|--|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| | Very happy | Somewhat happy | Somewhat unhappy | Very unhappy | No opinion |
| | 1 <input type="radio"/> | 2 <input type="radio"/> | 3 <input type="radio"/> | 4 <input type="radio"/> | 5 <input type="radio"/> |

N3. I am going to ask you to rate certain areas of your life. Are you satisfied or dissatisfied with ...

| | | Is that somewhat or very? | |
|---|-----------------|---------------------------|--------------------------|
| | | Somewhat | Very |
| a) Your health? | Satisfied .. | 01 <input type="radio"/> | 02 <input type="radio"/> |
| | Dissatisfied .. | 04 <input type="radio"/> | 05 <input type="radio"/> |
| | No opinion .. | 07 <input type="radio"/> | |
| b) Your education? | Satisfied .. | 08 <input type="radio"/> | 09 <input type="radio"/> |
| | Dissatisfied .. | 11 <input type="radio"/> | 12 <input type="radio"/> |
| | No opinion .. | 14 <input type="radio"/> | |
| c) Your job or main activity? | Satisfied .. | 15 <input type="radio"/> | 16 <input type="radio"/> |
| | Dissatisfied .. | 18 <input type="radio"/> | 19 <input type="radio"/> |
| | No opinion .. | 21 <input type="radio"/> | |
| d) The way you spend your other time? | Satisfied .. | 22 <input type="radio"/> | 23 <input type="radio"/> |
| | Dissatisfied .. | 25 <input type="radio"/> | 26 <input type="radio"/> |
| | No opinion .. | 28 <input type="radio"/> | |
| e) Your finances? | Satisfied .. | 29 <input type="radio"/> | 30 <input type="radio"/> |
| | Dissatisfied .. | 32 <input type="radio"/> | 33 <input type="radio"/> |
| | No opinion .. | 35 <input type="radio"/> | |
| f) Your housing? | Satisfied .. | 36 <input type="radio"/> | 37 <input type="radio"/> |
| | Dissatisfied .. | 39 <input type="radio"/> | 40 <input type="radio"/> |
| | No opinion .. | 42 <input type="radio"/> | |
| g) Your spouse, living partner or single status? | Satisfied .. | 43 <input type="radio"/> | 44 <input type="radio"/> |
| | Dissatisfied .. | 46 <input type="radio"/> | 47 <input type="radio"/> |
| | No opinion .. | 49 <input type="radio"/> | |
| h) Your relationship with friends and family members? | Satisfied .. | 50 <input type="radio"/> | 51 <input type="radio"/> |
| | Dissatisfied .. | 53 <input type="radio"/> | 54 <input type="radio"/> |
| | No opinion .. | 56 <input type="radio"/> | |
| i) Yourself (self-esteem)? | Satisfied .. | 57 <input type="radio"/> | 58 <input type="radio"/> |
| | Dissatisfied .. | 60 <input type="radio"/> | 61 <input type="radio"/> |
| | No opinion .. | 63 <input type="radio"/> | |

N4. Using the same scale, how do you feel about your life as a whole right now? Are you satisfied or dissatisfied?

| | | Is that somewhat or very? | |
|--|-----------------|---------------------------|-------------------------|
| | | Somewhat | Very |
| | Satisfied .. | 1 <input type="radio"/> | 2 <input type="radio"/> |
| | Dissatisfied .. | 4 <input type="radio"/> | 5 <input type="radio"/> |
| | No opinion .. | 7 <input type="radio"/> | |

P SECTION P: Other classification

P1. Now a few general questions.

P2. In what type of dwelling are you now living? Is it a

Single detached house? 1

Semi-detached or double (side-by-side)? 2

Garden house, town house or row house? 3

Duplex (one above the other)? 4

Low-rise apartment (less than 5 stories)? 5

High-rise apartment (5 or more stories)? 6

Mobile home? 7

Other 8

↓
(Specify)

P3. What is your postal code?

_____|_____|_____|_____|_____|_____

Don't know 9

P4. Is this dwelling owned by a member of this household or is it rented?

Owned 1

Rented 2

P5. How many telephones, including extensions, are there in your dwelling?

One 3 → Go to P10

Two or more 4

P6. Do all the telephones have the same number?

Yes 5 → Go to P10

No 6

P7. How many different numbers are there?

_____|_____

P8. Are any of these numbers for business use only?

Yes

No 8 → Go to P10

P9. How many are for business use only?

_____|_____

P10. Are you limited in the kind or amount of activity you can do at home, at work, or at school because of a long term condition or health problem?

Yes 1

No 2 → Go to P13

P11. What is the main condition or health problem that limits you?

P12. Are you completely unable to work at a job or business because of this condition or health problem?

Yes 3

No 4

Not applicable 5

P13. In what country were you born?

Canada 6 → In which province or territory?

Newfoundland 01

Prince Edward Island 02

Nova Scotia 03

New Brunswick 04

Quebec 05

Ontario 06

Manitoba 07

Saskatchewan 08

Alberta 09

British Columbia 10

Yukon Territory 11

Northwest Territories 12

Country outside Canada 7 → (Specify)

Go to P15 ←

P14. In what year did you first immigrate to Canada?

_____|_____|_____|_____

Canadian citizen by birth 8

P15. What is your date of birth?

_____|_____|_____|_____|_____|_____

Day Month Year

P22. What is the highest level of education your spouse attained?

(Mark one only)

- Masters or earned doctorate 01
- Bachelor or undergraduate degree, or teacher's college 02
- Diploma or certificate from community college, CEGEP or nursing school 03
- Diploma or certificate from trade, technical or vocational school, or business college 04
- Some university 05
- Some community college, CEGEP or nursing school 06
- Some trade, technical or vocational school, or business college 07
- Secondary high school graduation 08
- Some secondary high school 09
- Elementary school (some or completed) 10
- Other 11

(Specify)

P23. During 1988, what best describes your spouse's MAIN activity? Was your spouse mainly ...

(Mark one only)

- Working at a job or business? 1 → Go to P25
- Looking for work? 2
- A student? 3
- Keeping house? 4
- Retired? 5
- Other 6

(Specify)

P24. Did your spouse have a job or was he/she self-employed at any time during 1988?

- Yes 7
- No 8 → Go to P26

P25. For how many weeks during 1988 did your spouse do any work at a job or business?

(Include vacation, illness, strikes, lock-outs and maternity leave)

____ weeks

P26. During 1988, did you personally receive income

Yes No

- a) From wages, salary or self-employment? 1 2
- b) From government, such as Family Allowance, Unemployment Insurance, Social Assistance, Canada or Quebec Pension Plan or Old Age Security? 3 4
- c) From interest, dividends, investments or private pensions? 5 6
- d) From any other sources, such as alimony, scholarships, etc.? 7 8

P27. What is your best estimate of your total personal income in 1988 from all sources, including those just mentioned?

- Income 1 → \$ _____ .00
- No income 2
- Don't know 3

P28. What is your best estimate of the total income of all household members from all sources in 1988? Was the total household income ...

- Same as P27 01
- Less than \$20,000? 02
 - Less than \$10,000? 06
 - Less than \$5,000? 10
 - \$5,000 and more? 11
 - \$10,000 and more? 07
 - Less than \$15,000? 12
 - \$15,000 and more? 13
- \$20,000 and more? 03
 - Less than \$40,000? 08
 - Less than \$30,000? 14
 - \$30,000 and more? 15
 - \$40,000 and more? 09
 - Less than \$60,000? 16
 - \$60,000 to \$79,999? 17
 - \$80,000 and more? 18
- No income 04
- Don't know 05

P29. INTERVIEWER:

- Sex of respondent: Male 8
- Female 9

APPENDIX C

Index of Variables

GSS Cycle 4 MICRODATA FILE - List of Variables

| <u>FIELD</u> | <u>VARIABLE</u> | <u>LENGTH</u> | <u>POSITION</u> |
|--------------|-----------------|---------------|-----------------|
| 1 | ID_NUM | 004 | 001 - 004 |
| 2 | A3 | 002 | 005 - 006 |
| 3 | A4 | 001 | 007 |
| 4 | A9 | 001 | 008 |
| 5 | A10 | 001 | 009 |
| 6 | A11 | 002 | 010 - 011 |
| 7 | A12 | 001 | 012 |
| 8 | A13 | 001 | 013 |
| 9 | A14 | 001 | 014 |
| 10 | A16 | 001 | 015 |
| 11 | A17 | 001 | 016 |
| 12 | B2 | 001 | 017 |
| 13 | B4 | 001 | 018 |
| 14 | B5 | 001 | 019 |
| 15 | B6 | 001 | 020 |
| 16 | B8 | 001 | 021 |
| 17 | C2 | 001 | 022 |
| 18 | C3 | 001 | 023 |
| 19 | C4 | 001 | 024 |
| 20 | C11 | 001 | 025 |
| 21 | C12 | 001 | 026 |
| 22 | D3 | 001 | 027 |
| 23 | D4 | 001 | 028 |
| 24 | D5 | 001 | 029 |
| 25 | D6 | 001 | 030 |
| 26 | D7 | 004 | 031 - 034 |
| 27 | E1 | 001 | 035 |
| 28 | E2 | 001 | 036 |
| 29 | E3 | 001 | 037 |
| 30 | E7 | 001 | 038 |
| 31 | E8 | 001 | 039 |
| 32 | E9 | 001 | 040 |
| 33 | E10A | 001 | 041 |
| 34 | E10B | 001 | 042 |
| 35 | E10C | 001 | 043 |
| 36 | E10D | 001 | 044 |
| 37 | E10E | 001 | 045 |
| 38 | E10F | 001 | 046 |
| 39 | E10G | 001 | 047 |
| 40 | E11 | 001 | 048 |
| 41 | E12 | 001 | 049 |
| 42 | F1A | 001 | 050 |
| 43 | F1B | 001 | 051 |
| 44 | F1C | 001 | 052 |
| 45 | F1D | 001 | 053 |
| 46 | F2A | 001 | 054 |
| 47 | F2B | 001 | 055 |
| 48 | F2C | 001 | 056 |
| 49 | F2D | 001 | 057 |

GSS Cycle 4 MICRODATA FILE - List of Variables (cont.)

| <u>FIELD</u> | <u>VARIABLE</u> | <u>LENGTH</u> | <u>POSITION</u> |
|--------------|-----------------|---------------|-----------------|
| 50 | F3A | 001 | 058 |
| 51 | F3B | 001 | 059 |
| 52 | F4A | 001 | 060 |
| 53 | F4B | 001 | 061 |
| 54 | F6A | 001 | 062 |
| 55 | F6B | 001 | 063 |
| 56 | F6C | 001 | 064 |
| 57 | F6D | 001 | 065 |
| 58 | F6E | 001 | 066 |
| 59 | F6F | 001 | 067 |
| 60 | F6G | 001 | 068 |
| 61 | G2 | 001 | 069 |
| 62 | G3 | 001 | 070 |
| 63 | G8 | 001 | 071 |
| 64 | G9 | 002 | 072-073 |
| 65 | G10 | 001 | 074 |
| 66 | G11 | 001 | 075 |
| 67 | G12 | 001 | 076 |
| 68 | G17 | 001 | 077 |
| 69 | G18 | 001 | 078 |
| 70 | G21 | 001 | 079 |
| 71 | G27 | 001 | 080 |
| 72 | G29 | 001 | 081 |
| 73 | G32 | 002 | 082 - 083 |
| 74 | H13 | 002 | 084 - 085 |
| 75 | H14 | 001 | 086 |
| 76 | H20 | 001 | 087 |
| 77 | H25 | 001 | 088 |
| 78 | H26 | 001 | 089 |
| 79 | H27 | 001 | 090 |
| 80 | H28 | 001 | 091 |
| 81 | H30A | 001 | 092 |
| 82 | H30B | 001 | 093 |
| 83 | H30C | 001 | 094 |
| 84 | H31 | 001 | 095 |
| 85 | H33 | 001 | 096 |
| 86 | H35 | 001 | 097 |
| 87 | H36 | 001 | 098 |
| 88 | H37 | 001 | 099 |
| 89 | H38 | 001 | 100 |
| 90 | H39 | 001 | 101 |
| 91 | H40 | 002 | 102 - 103 |
| 92 | H41 | 001 | 104 |
| 93 | H42 | 001 | 105 |
| 94 | H43 | 001 | 106 |
| 95 | K6 | 001 | 107 |
| 96 | K7 | 001 | 108 |
| 97 | K8A | 001 | 109 |
| 98 | K8B | 001 | 110 |

GSS Cycle 4 MICRODATA FILE - List of Variables (cont.)

| <u>FIELD</u> | <u>VARIABLE</u> | <u>LENGTH</u> | <u>POSITION</u> |
|--------------|-----------------|---------------|-----------------|
| 99 | K8C | 001 | 111 |
| 100 | K8D | 001 | 112 |
| 101 | K9 | 001 | 113 |
| 102 | K10 | 001 | 114 |
| 103 | K11 | 001 | 115 |
| 104 | K12 | 001 | 116 |
| 105 | K14 | 001 | 117 |
| 106 | K18 | 003 | 118 - 120 |
| 107 | L1 | 001 | 121 |
| 108 | L2 | 001 | 122 |
| 109 | L5 | 001 | 123 |
| 110 | L6A | 001 | 124 |
| 111 | L6B | 001 | 125 |
| 112 | L6C | 001 | 126 |
| 113 | L6D | 001 | 127 |
| 114 | L6E | 001 | 128 |
| 115 | L6F | 001 | 129 |
| 116 | L6G | 001 | 130 |
| 117 | L6H | 001 | 131 |
| 118 | L20 | 001 | 132 |
| 119 | L27 | 001 | 133 |
| 120 | M1A | 001 | 134 |
| 121 | M1B | 001 | 135 |
| 122 | M1C | 001 | 136 |
| 123 | M1D | 001 | 137 |
| 124 | M1E | 001 | 138 |
| 125 | M1F | 001 | 139 |
| 126 | M1G | 001 | 140 |
| 127 | M1H | 001 | 141 |
| 128 | M3 | 002 | 142 - 143 |
| 129 | M4 | 001 | 144 |
| 130 | N2 | 001 | 145 |
| 131 | P2 | 001 | 146 |
| 132 | P4 | 001 | 147 |
| 133 | P10 | 001 | 148 |
| 134 | P12 | 001 | 149 |
| 135 | P16ENG | 001 | 150 |
| 136 | P16FRE | 001 | 151 |
| 137 | P16STENG | 001 | 152 |
| 138 | P16STFRE | 001 | 153 |
| 139 | P17ENG | 001 | 154 |
| 140 | P17FRE | 001 | 155 |
| 141 | P19 | 001 | 156 |
| 142 | P20FRE | 001 | 157 |
| 143 | P20ENG | 001 | 158 |
| 144 | P20IRI | 001 | 159 |
| 145 | P20SCO | 001 | 160 |
| 146 | P20GER | 001 | 161 |
| 147 | P20ITA | 001 | 162 |

GSS Cycle 4 MICRODATA FILE - List of Variables (cont.)

| <u>FIELD</u> | <u>VARIABLE</u> | <u>LENGTH</u> | <u>POSITION</u> |
|--------------|-----------------|---------------|-----------------|
| 148 | P20UKR | 001 | 163 |
| 149 | P22 | 002 | 164 - 165 |
| 150 | P23 | 001 | 166 |
| 151 | P24 | 001 | 167 |
| 152 | P25 | 002 | 168 - 169 |
| 153 | P26A | 001 | 170 |
| 154 | P26B | 001 | 171 |
| 155 | P26C | 001 | 172 |
| 156 | P26D | 001 | 173 |
| 157 | P27A | 001 | 174 |
| 158 | P28A | 002 | 175 - 176 |
| 159 | P28B | 002 | 177 - 178 |
| 160 | P28C | 002 | 179 - 180 |
| 161 | PWEIGHT | 009 | 181 - 189 |
| 162 | A5A_A7A | 001 | 190 |
| 163 | A5B_A7B | 001 | 191 |
| 164 | A5C_A7C | 001 | 192 |
| 165 | A5D_A7D | 001 | 193 |
| 166 | A6_A8 | 001 | 194 |
| 167 | G4_G26 | 001 | 195 |
| 168 | G5_G28 | 001 | 196 |
| 169 | G6_G30 | 001 | 197 |
| 170 | G22A_H2A | 002 | 198 - 199 |
| 171 | G22B_H2B | 002 | 200 - 201 |
| 172 | G24_H4_A | 001 | 202 |
| 173 | G24_H4_B | 001 | 203 |
| 174 | G24_H4_C | 001 | 204 |
| 175 | G24_H4_D | 001 | 205 |
| 176 | G24_H4_E | 001 | 206 |
| 177 | G24_H4_F | 001 | 207 |
| 178 | G24_H4_G | 001 | 208 |
| 179 | H15_H21 | 001 | 209 |
| 180 | H17_H23 | 001 | 210 |
| 181 | H18_H24 | 001 | 211 |
| 182 | K33_L25 | 001 | 212 |
| 183 | ACT_1984 | 001 | 213 |
| 184 | JOB_1984 | 001 | 214 |
| 185 | RELAT_84 | 001 | 215 |
| 186 | JOB_LOSS | 001 | 216 |
| 187 | JB_LOS_A | 001 | 217 |
| 188 | JB_LOS_B | 001 | 218 |
| 189 | JB_LOS_C | 001 | 219 |
| 190 | JB_LOS_D | 001 | 220 |
| 191 | JB_LOS_E | 001 | 221 |
| 192 | JB_LOS_F | 001 | 222 |
| 193 | JB_LOS_G | 001 | 223 |
| 194 | TIME_WRK | 002 | 224 - 225 |
| 195 | LOOK_WRK | 002 | 226 - 227 |
| 196 | AGE_RTRE | 002 | 228 - 229 |

GSS Cycle 4 MICRODATA FILE - List of Variables (cont.)

| <u>FIELD</u> | <u>VARIABLE</u> | <u>LENGTH</u> | <u>POSITION</u> |
|--------------|-----------------|---------------|-----------------|
| 197 | MAN_RTRE | 001 | 230 |
| 198 | J84_D88 | 001 | 231 |
| 199 | LOOK_J_D | 001 | 232 |
| 200 | MON_LOOK | 002 | 233 - 234 |
| 201 | DVMS | 001 | 235 |
| 202 | DVSEX | 001 | 236 |
| 203 | PROV | 001 | 237 |
| 204 | DVAGEGR | 002 | 238 - 239 |
| 205 | DVIMMIG | 001 | 240 |
| 206 | DVBORNR | 001 | 241 |
| 207 | DVLVGAR1 | 002 | 242 - 243 |
| 208 | DVHHLDSZ | 001 | 244 |
| 209 | DVAGR_SP | 002 | 245 - 246 |
| 210 | DV_CHILD | 001 | 247 |
| 211 | DVCHD_AG | 001 | 248 |
| 212 | DVIND_B | 001 | 249 |
| 213 | DVIND_C | 001 | 250 |
| 214 | DVIND_D | 001 | 251 |
| 215 | DVIN_HKL | 001 | 252 |
| 216 | DVEDU_CM | 002 | 253 - 254 |
| 217 | DVED_A15 | 002 | 255 - 256 |
| 218 | DVED_B3 | 002 | 257 - 258 |
| 219 | DVED_E5 | 002 | 259 - 260 |
| 220 | DVSIC_C9 | 002 | 261 - 262 |
| 221 | DVSICD11 | 002 | 263 - 264 |
| 222 | DVSICG15 | 002 | 265 - 266 |
| 223 | DVSIC_K4 | 002 | 267 - 268 |
| 224 | DVSIC_84 | 002 | 269 - 270 |
| 225 | DVSIC_89 | 002 | 271 - 272 |
| 226 | DVC10SOC | 002 | 273 - 274 |
| 227 | DVD12SOC | 002 | 275 - 276 |
| 228 | DVG16SOC | 002 | 277 - 278 |
| 229 | DVK5_SOC | 002 | 279 - 280 |
| 230 | DVL14SOC | 002 | 281 - 282 |
| 231 | DV84_SOC | 002 | 283 - 284 |
| 232 | DV89_SOC | 002 | 285 - 286 |
| 233 | DV_B7 | 004 | 287 - 290 |
| 234 | DV_C1 | 004 | 291 - 294 |
| 235 | DV_C5 | 004 | 295 - 298 |
| 236 | DV_D2 | 004 | 299 - 302 |
| 237 | DV_E13 | 002 | 303 - 304 |
| 238 | DV_F5A | 001 | 305 |
| 239 | DV_F5B | 001 | 306 |
| 240 | DV_F5C | 001 | 307 |
| 241 | DV_F5D | 001 | 308 |
| 242 | DVG11_H5 | 001 | 309 |
| 243 | DVG12_H6 | 001 | 310 |
| 244 | DV_G13 | 002 | 311 - 312 |

GSS Cycle 4 MICRODATA FILE - List of Variables (cont.)

| <u>FIELD</u> | <u>VARIABLE</u> | <u>LENGTH</u> | <u>POSITION</u> |
|--------------|-----------------|---------------|-----------------|
| 245 | DV_G13H7 | 002 | 313 - 314 |
| 246 | DV_G34 | 002 | 315 - 316 |
| 247 | DV_G35 | 002 | 317 - 318 |
| 248 | DV_H11 | 001 | 319 |
| 249 | DV_H12 | 004 | 320 - 323 |
| 250 | DVH16H22 | 002 | 324 - 325 |
| 251 | DV_H29A | 001 | 326 |
| 252 | DV_H29B | 001 | 327 |
| 253 | DV_H29C | 001 | 328 |
| 254 | DV_H29D | 001 | 329 |
| 255 | DV_H29E | 001 | 330 |
| 256 | DV_H29F | 001 | 331 |
| 257 | DVH32 | 001 | 332 |
| 258 | DV_H34 | 002 | 333 - 334 |
| 259 | DV_K1 | 001 | 335 |
| 260 | DVK2_RET | 001 | 336 |
| 261 | DV_L4 | 001 | 337 |
| 262 | DV_M5 | 002 | 338 - 339 |
| 263 | DV_N3A | 001 | 340 |
| 264 | DV_N3B | 001 | 341 |
| 265 | DV_N3C | 001 | 342 |
| 266 | DV_N3D | 001 | 343 |
| 267 | DV_N3E | 001 | 344 |
| 268 | DV_N3F | 001 | 345 |
| 269 | DV_N3G | 001 | 346 |
| 270 | DV_N3H | 001 | 347 |
| 271 | DV_N3I | 001 | 348 |
| 272 | DV_N4 | 001 | 349 |
| 273 | DV_P16OT | 001 | 350 |
| 274 | DVP16SOT | 001 | 351 |
| 275 | DV_P17OT | 001 | 352 |
| 276 | DV_P18 | 002 | 353 - 354 |
| 277 | DVP20OTH | 001 | 355 |
| 278 | DVSALP27 | 005 | 356 - 360 |
| 279 | DVMAIN_7 | 001 | 361 |
| 280 | DVSUP_DR | 002 | 362 - 363 |
| 281 | DVJOBS_7 | 001 | 364 |
| 282 | DVM AGE | 001 | 365 |
| 283 | DV_DIFJB | 002 | 366 - 367 |
| 284 | CLASS | 002 | 368 - 369 |
| 285 | NUSCO | 002 | 370 - 371 |

APPENDIX D

Data Dictionary

GSS CYCLE 4 MICRODATA FILE DICTIONARY

| FIELD | ACRONYM | LENGTH | POSITION | QUESTION & VARIABLE DESCRIPTIONS | POP. EST./SAMPLE COUNT ('000) | COMMENTS |
|-------|---------|--------|----------|--|---|---|
| 001 | ID_NUM | 004 | 001-004 | UNIQUE IDENTIFICATION NUMBER 0001:9338 | | |
| 002 | A3 | 002 | 005-006 | HOW MANY YEARS OF ELEMENTARY AND HIGH SCHOOL EDUCATION HAVE YOU COMPLETED? 01 NO SCHOOLING 02 ONE TO FIVE YEARS 03 SIX 04 SEVEN 05 EIGHT 06 NINE 07 TEN 08 ELEVEN 09 TWELVE 10 THIRTEEN 21 BETWEEN ONE AND EIGHT YEARS (IMPUTED) 23 BETWEEN ELEVEN AND THIRTEEN YEARS (IMPUTED) 99 NOT STATED | 70/ 51 621/ 295 392/ 202 831/ 378 1309/ 658 1394/ 652 2244/1015 3163/1444 7511/3792 2655/ 827 11/ 4 43/ 18 4/ 2 | THIS FIELD UNIQUELY IDENTIFIES A RESPONDENT. VALUES 21 AND 23 WERE IMPUTED FOR THESE RECORDS. THEY WERE DETERMINED FROM THE SKIP PATTERN OF THE 4-2 QUESTIONNAIRE. |
| 003 | A4 | 001 | 0007 | HAVE YOU GRADUATED FROM HIGH SCHOOL? 0 NOT APPLICABLE 1 YES 2 NO 9 NOT STATED | 6872/3255 11445/5241 1926/ 840 4/ 2 | |
| 004 | A9 | 001 | 0008 | ARE YOU PRESENTLY WORKING TOWARDS ELEMENTARY OR HIGH SCHOOL GRADUATION? 0 NOT APPLICABLE 1 YES 2 NO 9 NOT STATED | 13052/6040 1282/ 450 5910/2846 4/ 2 | |
| 005 | A10 | 001 | 0009 | HAVE YOU EVER TAKEN ANY UNIVERSITY, COLLEGE OR CEGEP LEVEL COURSE IN BIOLOGY, CHEMISTRY OR PHYSICS? 0 NOT APPLICABLE 1 YES 2 NO 9 NOT STATED | 10597/4855 3502/1512 6042/2928 106/ 43 | |

| FIELD | ACRONYM | LENGTH | POSITION | QUESTION & VARIABLE DESCRIPTIONS | POP. EST./SAMPLE ('000) | COUNT | COMMENTS |
|-------|---------|--------|----------|--|-------------------------|-------|----------|
| 006 | A11 | 002 | 010-011 | WHAT IS THE HIGHEST LEVEL OF EDUCATION THAT YOU HAVE ATTAINED? | | | |
| | | | 01 | MASTERS OR EARNED DOCTORATE | 736/ | 313 | |
| | | | 02 | BACHELOR OR UNDERGRADUATE DEGREE OR TEACHER'S COLLEGE | 2076/ | 988 | |
| | | | 03 | DIPLOMA/CERT. FROM COMM. COLLEGE/CEGEP/NURSING SCHOOL | 1348/ | 577 | |
| | | | 04 | DIPLOMA/CERT. FROM TRADE/TECH./VOCAT. OR BUSINESS COL. | 2131/ | 1138 | |
| | | | 05 | SOME UNIVERSITY | 1230/ | 566 | |
| | | | 06 | SOME COMMUNITY COLLEGE, CEGEP OR NURSING SCHOOL | 1061/ | 400 | |
| | | | 07 | SOME TRADE/TECHNICAL/VOCATIONAL SCHOOL/BUSINESS COLLEGE | 836/ | 386 | |
| | | | 08 | OTHER | 219/ | 109 | |
| | | | 21 | NOT STATED 01 - 04 | 5/ | 3 | |
| | | | 22 | NOT STATED 05 - 08 | 4/ | 1 | |
| | | | 97 | NOT APPLICABLE | 10597/ | 4855 | |
| | | | 99 | NOT STATED | 4/ | 2 | |
| 007 | A12 | 001 | 0012 | WHEN YOU TOOK COURSES AT UNIVERSITY/COLLEGE/TRADE SCHOOL, WERE YOU WORKING TOWARDS A DEGREE, DIPLOMA OR CERTIFICATE? | | | |
| | | | 0 | NOT APPLICABLE | 16893/ | 7874 | |
| | | | 1 | YES | 2821/ | 1209 | |
| | | | 2 | NO | 528/ | 252 | |
| | | | 9 | NOT STATED | 6/ | 3 | |
| 008 | A13 | 001 | 0013 | ARE YOU STILL WORKING TOWARDS YOUR DEGREE, DIPLOMA OR CERTIFICATE? | | | |
| | | | 0 | NOT APPLICABLE | 17421/ | 8126 | |
| | | | 1 | YES | 1180/ | 452 | |
| | | | 2 | NO | 1640/ | 757 | |
| | | | 9 | NOT STATED | 6/ | 3 | |

VALUES 21 AND 22 WERE IMPUTED FOR THESE RECORDS. THEY WERE DETERMINED FROM THE SKIP PATTERN OF THE 4-2 QUESTIONNAIRE.

| FIELD | ACRONYM | LENGTH | POSITION | QUESTION & VARIABLE DESCRIPTIONS | POP. EST./SAMPLE ('000) COUNT | COMMENTS |
|-------|---------|--------|----------|--|------------------------------------|--|
| 009 | A14 | 001 | 0014 | WHAT IS THE HIGHEST DEGREE, DIPLOMA OR CERTIFICATE THAT YOU HAVE COMPLETED? | | THE VALUE 8 WAS IMPUTED FOR THESE RECORDS. IT WAS DETERMINED FROM THE SKIP PATTERN OF THE 4-2 QUESTIONNAIRE. |
| | | | 0 | NOT APPLICABLE | 18073/8326 | |
| | | | 2 | BACHELOR OR UNDERGRADUATE DEGREE OR TEACHER'S COLLEGE DIPLOMA/CERT. FROM COMM. COLLEGE/CEGEP/NURSING SCHOOL | 20/ 13 | |
| | | | 3 | DIPLOMA/CERT. FROM COMM. COLLEGE/CEGEP/NURSING SCHOOL | 129/ 44 | |
| | | | 4 | DIPLOMA/CERT. FROM TRADE/TECH./VOCAT. OR BUSINESS COL. | 320/ 160 | |
| | | | 5 | HIGH SCHOOL DIPLOMA | 1294/ 594 | |
| | | | 6 | LESS THAN HIGH SCHOOL DIPLOMA | 252/ 123 | |
| | | | 7 | OTHER | 144/ 69 | |
| | | | 8 | NOT STATED 2 - 4 (IMPUTED) | 11/ 7 | |
| | | | 9 | NOT STATED | 4/ 2 | |
| 010 | A16 | 001 | 0015 | WHAT WAS YOUR MAIN REASON FOR CHOOSING THIS FIELD OF STUDY? WAS IT TO PREPARE FOR FIRST CAREER, TO CHANGE OR IMPROVE CAREER, TO IMPROVE EARNINGS, BECAUSE OF INTEREST IN SUBJECT OR FOR SOME OTHER REASON? | | |
| | | | 0 | NOT APPLICABLE | 13323/6024 | |
| | | | 1 | TO PREPARE FOR FIRST CAREER | 3896/1762 | |
| | | | 2 | TO CHANGE CAREERS | 339/ 176 | |
| | | | 3 | TO IMPROVE CAREER | 717/ 368 | |
| | | | 4 | TO IMPROVE EARNINGS | 216/ 117 | |
| | | | 5 | BECAUSE OF INTEREST IN SUBJECT | 1569/ 790 | |
| | | | 6 | FOR SOME OTHER REASON | 143/ 79 | |
| | | | 9 | NOT STATED | 45/ 22 | |
| 011 | A17 | 001 | 0016 | ARE YOU NOW WORKING TOWARDS A DIFFERENT DEGREE, DIPLOMA OR CERTIFICATE? | | |
| | | | 0 | NOT APPLICABLE | 11777/5307 | |
| | | | 1 | YES | 800/ 370 | |
| | | | 2 | NO | 7666/3659 | |
| | | | 9 | NOT STATED | 4/ 2 | |

| FIELD | ACRONYM | LENGTH | POSITION | QUESTION & VARIABLE DESCRIPTIONS | POP. EST./SAMPLE COUNT | COMMENTS |
|-------|---------|--------|----------|---|------------------------|----------|
| 012 | B2 | 001 | 0017 | WHAT DEGREE, DIPLOMA OR CERTIFICATE ARE YOU WORKING TOWARDS? | | |
| | | | 0 | NOT APPLICABLE | 18263/8514 | |
| | | | 1 | MASTERS OR EARNED DOCTORATE | 176/ 79 | |
| | | | 2 | BACHELOR OR UNDERGRADUATE DEGREE OR TEACHER'S COLLEGE DIPLOMA/CERT. FROM COMM. COLLEGE/CEGEP/NURSING SCHOOL | 791/ 346 | |
| | | | 3 | DIPLOMA/CERT. FROM COMM. COLLEGE/CEGEP/NURSING SCHOOL | 484/ 170 | |
| | | | 4 | DIPLOMA/CERT. FROM TRADE/TECH./VOCAT. OR BUSINESS COL. | 374/ 152 | |
| | | | 5 | ELEMENTARY/HIGH SCHOOL DIPLOMA | 31/ 12 | |
| | | | 6 | OTHER | 111/ 56 | |
| | | | 9 | NOT STATED | 18/ 9 | |
| 013 | B4 | 001 | 0018 | WHAT WAS YOUR MAIN REASON FOR CHOOSING THIS FIELD OF STUDY? WAS IT TO PREPARE FOR FIRST CAREER, TO CHANGE OR IMPROVE CAREER, TO IMPROVE EARNINGS, BECAUSE OF INTEREST IN SUBJECT, OR FOR SOME OTHER REASON? | | |
| | | | 0 | NOT APPLICABLE | 18294/8526 | |
| | | | 1 | TO PREPARE FOR FIRST CAREER | 616/ 211 | |
| | | | 2 | TO CHANGE CAREERS | 271/ 114 | |
| | | | 3 | TO IMPROVE CAREER | 494/ 230 | |
| | | | 4 | TO IMPROVE EARNINGS | 105/ 54 | |
| | | | 5 | BECAUSE OF INTEREST IN SUBJECT | 434/ 184 | |
| | | | 6 | FOR SOME OTHER REASON | 23/ 14 | |
| | | | 9 | NOT STATED | 11/ 5 | |
| 014 | B5 | 001 | 0019 | IN THE LAST 12 MONTHS DID YOU TAKE ANY COURSES FOR THIS PROGRAM? | | |
| | | | 0 | NOT APPLICABLE | 16982/8064 | |
| | | | 1 | YES | 3002/1153 | |
| | | | 2 | NO | 260/ 119 | |
| | | | 9 | NOT STATED | 4/ 2 | |

| FIELD | ACRONYM | LENGTH | POSITION | QUESTION & VARIABLE DESCRIPTIONS | POP. EST./SAMPLE ('000) | COUNT | COMMENTS |
|-------|---------|--------|----------|--|--|-------|---|
| 015 | B6 | 001 | 0020 | WERE YOU MAINLY A FULL-TIME OR A PART-TIME STUDENT? 0 NOT APPLICABLE 1 FULL-TIME 2 PART-TIME 9 NOT STATED | 17242/8183 2165/ 777 833/ 373 8/ 5 | | |
| 016 | B8 | 001 | 0021 | WHAT DO YOU EXPECT TO DO WHEN YOU GRADUATE FROM YOUR CURRENT PROGRAM? 0 NOT APPLICABLE 1 WORK AT A NEW OR FIRST JOB 2 GO ON TO FURTHER EDUCATION 3 WORK AT THE SAME JOB 4 DON'T KNOW 5 OTHER 9 NOT STATED | 16982/8064 1054/ 442 1403/ 470 467/ 219 252/ 107 69/ 31 21/ 5 | | |
| 017 | C2 | 001 | 0022 | DURING THE 12 MONTHS AFTER YOU COMPLETED THESE STUDIES, WHAT BEST DESCRIBES YOUR MAIN ACTIVITY? WERE YOU MAINLY... 0 NOT APPLICABLE 1 WORKING AT A JOB OR BUSINESS 2 LOOKING FOR WORK 3 A STUDENT 4 KEEPING HOUSE 5 RETIRED 6 OTHER 9 NOT STATED | 3332/1323 13832/6489 798/ 404 444/ 199 1267/ 640 9/ 4 529/ 261 37/ 18 | | MAIN ACTIVITY REFERS TO THAT ACTIVITY WHERE RESPONDENT SPENDS MOST OF HIS/HER TIME. |
| 018 | C3 | 001 | 0023 | DID YOU HAVE A JOB OR WERE YOU SELF-EMPLOYED AT ANY TIME DURING THOSE 12 MONTHS? 0 NOT APPLICABLE 1 YES 2 NO 9 NOT STATED | 17164/7812 850/ 437 2215/1079 18/ 10 | | |

POP. EST./SAMPLE
 COMMENTS

| FIELD | ACRONYM | LENGTH | POSITION | QUESTION & VARIABLE DESCRIPTIONS | COUNT |
|-------|---------|--------|----------|--|---|
| 019 | C4 | 001 | 0024 | HAVE YOU EVER HAD A JOB SINCE COMPLETING THAT PROGRAM? 0 NOT APPLICABLE 1 YES 2 NO 9 NOT STATED | 18014/8249 1591/ 755 624/ 324 18/ 10 |
| 020 | C11 | 001 | 0025 | WAS THIS WORK MOSTLY FULL-TIME OR PART-TIME? 0 NOT APPLICABLE 1 FULL-TIME 2 PART-TIME 3 BOTH EQUALLY 9 NOT STATED | 3956/1647 14456/6768 1629/ 825 135/ 63 71/ 35 |
| 021 | C12 | 001 | 0026 | HOW CLOSELY WAS THAT JOB RELATED TO YOUR EDUCATION? WAS IT... 0 NOT APPLICABLE 1 CLOSELY RELATED 2 SOMEWHAT RELATED 3 NOT AT ALL RELATED 9 NOT STATED | 3956/1647 5519/2623 2270/1110 8423/3920 79/ 38 |
| 022 | D3 | 001 | 0027 | AT THAT TIME WERE YOU LESS THAN 15 YEARS OLD? 0 NOT APPLICABLE 1 YES 2 NO 9 NOT STATED | 70/ 51 9669/4201 10473/5071 35/ 15 |
| 023 | D4 | 001 | 0028 | DURING THE 12 MONTHS BEFORE YOU STARTED THESE STUDIES, WHAT BEST DESCRIBES YOU MAIN ACTIVITY? WERE YOU MAINLY... 0 NOT APPLICABLE 1 WORKING AT A JOB OR BUSINESS 2 LOOKING FOR WORK 3 A STUDENT 4 KEEPING HOUSE 5 RETIRED 6 OTHER 9 NOT STATED | 9740/4252 3179/1539 177/ 97 6683/3212 287/ 164 8/ 3 128/ 51 47/ 20 |

MAIN ACTIVITY REFERS TO THAT ACTIVITY WHERE RESPONDENT SPENDS MOST OF HIS/HER TIME.

| FIELD | ACRONYM | LENGTH | POSITION | QUESTION & VARIABLE DESCRIPTIONS | POP. EST./SAMPLE ('000) | COUNT | COMMENTS |
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| 024 | D5 | 001 | 0029 | BEFORE STARTING THE PROGRAM, HAD YOU EVER HELD A FULL-TIME JOB FOR SIX MONTHS OR MORE? 0 NOT APPLICABLE 1 YES 2 NO 9 NOT STATED | 12918/5791 610/ 298 6685/3234 35/ 15 | | |
|-----|----|-----|------|---|---|--|--|

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|-----|----|-----|------|--|--|--|--|
| 025 | D6 | 001 | 0030 | HOW MANY MONTHS OR YEARS OF TOTAL FULL-TIME WORK EXPERIENCE DID YOU HAVE BEFORE YOU STARTED YOUR PROGRAM? 0 NOT APPLICABLE 1 SIX MONTHS TO LESS THAN ONE YEAR 2 ONE TO LESS THAN THREE YEARS 3 THREE TO LESS THAN FIVE YEARS 4 FIVE TO LESS THAN SEVEN YEARS 5 SEVEN YEARS OR MORE 9 NOT STATED | 19603/9025 109/ 56 242/ 102 92/ 50 36/ 19 124/ 65 42/ 21 | | |
|-----|----|-----|------|--|--|--|--|

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|-----|----|-----|---------|--|---|--|--|
| 026 | D7 | 004 | 031-034 | BEFORE STARTING YOUR PROGRAM, IN WHAT YEAR DID YOU LAST WORK AT A FULL-TIME JOB THAT LASTED SIX MONTHS OR MORE? 0000 NOT APPLICABLE 1936:1988 9996 STILL WORKING AT IT 9999 NOT STATED | 19603/9025 539/ 263 14/ 6 91/ 44 | | |
|-----|----|-----|---------|--|---|--|--|

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|-----|----|-----|------|--|--|--|--|
| 027 | E1 | 001 | 0035 | IN THE NEXT FIVE YEARS, DO PLAN TO START AN ADDITIONAL EDUCATIONAL OR TRAINING PROGRAM? (INCLUDE PART-TIME AND FULL-TIME) 1 YES 2 NO 3 DON'T KNOW 9 NOT STATED | 4946/2149 12744/6000 2533/1178 24/ 11 | | |
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POP. EST./SAMPLE
('000) COUNT

COMMENTS

| FIELD | ACRONYM | LENGTH | POSITION | QUESTION & VARIABLE DESCRIPTIONS | POP. EST./SAMPLE ('000) | COUNT | COMMENTS |
|-------|---------|--------|----------|---|-------------------------|-------|----------|
| 028 | E2 | 001 | 0036 | WHAT IS YOUR MAIN REASON FOR PLANNING TO DO THIS? IS IT TO... | | | |
| | | | 0 | NOT APPLICABLE | 15277/ | 7178 | |
| | | | 1 | TO PREPARE FOR FIRST CAREER | 1422/ | 486 | |
| | | | 2 | TO CHANGE CAREERS | 495/ | 250 | |
| | | | 3 | TO IMPROVE CAREER | 1611/ | 745 | |
| | | | 4 | TO IMPROVE EARNINGS | 499/ | 246 | |
| | | | 5 | BECAUSE OF INTEREST IN SUBJECT | 765/ | 352 | |
| | | | 6 | FOR SOME OTHER REASON | 145/ | 68 | |
| | | | 9 | NOT STATED | 32/ | 13 | |

| | | | | | | | |
|-----|----|-----|------|---|--------|------|--|
| 029 | E3 | 001 | 0037 | WHAT DEGREE, DIPLOMA OR CERTIFICATE DO YOU EVENTUALLY WANT TO OBTAIN? | | | |
| | | | 0 | NOT APPLICABLE | 15277/ | 7178 | |
| | | | 1 | MASTERS OR EARNED DOCTORATE | 544/ | 244 | |
| | | | 2 | BACHELOR OR UNDERGRADUATE DEGREE, OR TEACHER'S COLLEGE | 1233/ | 495 | |
| | | | 3 | DIPLOMA/CERT. FROM COMM. COLLEGE/CEGEP/NURSING SCHOOL | 819/ | 301 | |
| | | | 4 | DIPLOMA/CERT. FROM TRADE/TECH./VOCAT. OR BUSINESS COL. | 879/ | 416 | |
| | | | 5 | ELEMENTARY/HIGH SCHOOL DIPLOMA | 201/ | 103 | |
| | | | 6 | NOT FOR DEGREE, DIPLOMA OR CERTIFICATE | 373/ | 157 | |
| | | | 7 | UNDECIDED OR DON'T KNOW | 605/ | 292 | |
| | | | 8 | OTHER | 284/ | 136 | |
| | | | 9 | NOT STATED | 32/ | 16 | |

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|-----|----|-----|------|--|--------|------|--|
| 030 | E7 | 001 | 0038 | HAVE YOU EVER COMPLETED AN APPRENTICESHIP PROGRAM? | | | |
| | | | 1 | YES | 2381/ | 989 | |
| | | | 2 | NO | 17819/ | 8324 | |
| | | | 9 | NOT STATED | 48/ | 25 | |

| FIELD | ACRONYM | LENGTH | POSITION | QUESTION & VARIABLE DESCRIPTIONS | POP. EST./SAMPLE ('000) | COUNT | COMMENTS |
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|-----|----|-----|------|--|------------|----|--|
| 031 | E8 | 001 | 0039 | HAVE YOU EVER TAKEN COURSES ON HOW TO USE COMPUTERS? | | | |
| | | | 1 | YES | 6387/2695 | | |
| | | | 2 | NO | 13832/6630 | | |
| | | | 9 | NOT STATED | 28/ | 13 | |

| | | | | | | | |
|-----|----|-----|------|--|------------|---|--|
| 032 | E9 | 001 | 0040 | CAN YOU DO ANYTHING ON A COMPUTER, FOR EXAMPLE, PLAY GAMES, WORD PROCESSING OR DATA ENTRY? | | | |
| | | | 1 | YES | 9580/4228 | | |
| | | | 2 | NO | 10658/5105 | | |
| | | | 9 | NOT STATED | 10/ | 5 | |

| | | | | | | | |
|-----|------|-----|------|---|------------|----|--|
| 033 | E10A | 001 | 0041 | IN THE LAST 12 MONTHS, HAVE YOU PLAYED GAMES ON A COMPUTER? | | | |
| | | | 0 | NOT APPLICABLE | 10658/5105 | | |
| | | | 1 | YES | 7021/3082 | | |
| | | | 2 | NO | 2528/1134 | | |
| | | | 9 | NOT STATED | 41/ | 17 | |

| | | | | | | | |
|-----|------|-----|------|---|------------|----|--|
| 034 | E10B | 001 | 0042 | IN THE LAST 12 MONTHS, HAVE YOU DONE ANY WORD PROCESSING ON A COMPUTER? | | | |
| | | | 0 | NOT APPLICABLE | 10658/5105 | | |
| | | | 1 | YES | 6013/2506 | | |
| | | | 2 | NO | 3530/1709 | | |
| | | | 9 | NOT STATED | 47/ | 18 | |

| | | | | | | | |
|-----|------|-----|------|--|------------|----|--|
| 035 | E10C | 001 | 0043 | IN THE LAST 12 MONTHS, HAVE YOU DONE ANY DATA ENTRY ON A COMPUTER? | | | |
| | | | 0 | NOT APPLICABLE | 10658/5105 | | |
| | | | 1 | YES | 6052/2632 | | |
| | | | 2 | NO | 3493/1585 | | |
| | | | 9 | NOT STATED | 45/ | 16 | |

| | | | | | | | |
|-----|------|-----|------|--|------------|----|--|
| 036 | E10D | 001 | 0044 | IN THE LAST 12 MONTHS, HAVE YOU DONE RECORD KEEPING ON A COMPUTER? | | | |
| | | | 0 | NOT APPLICABLE | 10658/5105 | | |
| | | | 1 | YES | 4564/1979 | | |
| | | | 2 | NO | 4995/2239 | | |
| | | | 9 | NOT STATED | 31/ | 15 | |

| FIELD | ACRONYM | LENGTH | POSITION | QUESTION & VARIABLE DESCRIPTIONS | POP. EST./SAMPLE ('000) | COUNT | COMMENTS |
|-------|---------|--------|----------|--|--|-------|----------|
| 037 | E10E | 001 | 0045 | IN THE LAST 12 MONTHS, HAVE YOU DONE ANY DATA ANALYSIS ON A COMPUTER? 0 NOT APPLICABLE 1 YES 2 NO 9 NOT STATED | 10658/5105 3109/1317 6443/2902 38/ 14 | | |
| 038 | E10F | 001 | 0046 | IN THE LAST 12 MONTHS, HAVE YOU WRITTEN ANY COMPUTER PROGRAMS? 0 NOT APPLICABLE 1 YES 2 NO 9 NOT STATED | 10658/5105 2445/ 965 7108/3254 37/ 14 | | |
| 039 | E10G | 001 | 0047 | IN THE LAST 12 MONTHS, HAVE YOU DONE ANYTHING ELSE ON A COMPUTER? 0 NOT APPLICABLE 1 YES 2 NO 9 NOT STATED | 10658/5105 607/ 249 8771/3900 212/ 84 | | |
| 040 | E11 | 001 | 0048 | DO YOU HAVE A PERSONAL COMPUTER AT HOME? 1 YES 2 NO 9 NOT STATED | 3936/1519 16277/7800 35/ 19 | | |
| 041 | E12 | 001 | 0049 | DO YOU PERSONALLY USE THAT COMPUTER? 0 NOT APPLICABLE 1 YES 2 NO 9 NOT STATED | 16277/7800 2601/1026 1305/ 481 65/ 31 | | |
| 042 | F1A | 001 | 0050 | ARE YOU VERY INTERESTED, MODERATELY INTERESTED, OR NOT AT ALL INTERESTED IN CURRENT AFFAIRS, INCLUDING NATIONAL AND LOCAL EVENTS? 1 VERY INTERESTED 2 MODERATELY INTERESTED 3 NOT AT ALL INTERESTED 4 NO OPINION 9 NOT STATED | 9434/4275 8635/3992 1992/ 982 86/ 45 101/ 44 | | |

| FIELD | ACRONYM | LENGTH | POSITION | QUESTION & VARIABLE DESCRIPTIONS | POP. EST./SAMPLE ('000) | COUNT | COMMENTS |
|-------|---------|--------|----------|---|-------------------------|--|----------|
| 043 | F1B | 001 | 0051 | ARE YOU VERY INTERESTED, MODERATELY INTERESTED, OR NOT AT ALL INTERESTED IN ECONOMIC CONDITIONS AND BUSINESS ISSUES? 1 VERY INTERESTED 2 MODERATELY INTERESTED 3 NOT AT ALL INTERESTED 4 NO OPINION 9 NOT STATED | | 6732/2976 9180/4252 4041/1988 182/ 74 111/ 48 | |
| 044 | F1C | 001 | 0052 | ARE YOU VERY INTERESTED, MODERATELY INTERESTED, OR NOT AT ALL INTERESTED IN NEW INVENTIONS AND TECHNOLOGIES? 1 VERY INTERESTED 2 MODERATELY INTERESTED 3 NOT AT ALL INTERESTED 4 NO OPINION 9 NOT STATED | | 7013/3083 9132/4231 3813/1896 187/ 82 102/ 46 | |
| 045 | F1D | 001 | 0053 | ARE YOU VERY INTERESTED, MODERATELY INTERESTED, OR NOT AT ALL INTERESTED IN RECENT SCIENTIFIC DISCOVERIES? 1 VERY INTERESTED 2 MODERATELY INTERESTED 3 NOT AT ALL INTERESTED 4 NO OPINION 9 NOT STATED | | 7453/3355 8724/4025 3769/1829 196/ 82 106/ 47 | |
| 046 | F2A | 001 | 0054 | ARE YOU VERY WELL INFORMED, MODERATELY INFORMED, OR POORLY INFORMED ABOUT CURRENT AFFAIRS, INCLUDING NATIONAL AND LOCAL EVENTS? 1 VERY WELL INFORMED 2 MODERATELY INFORMED 3 POORLY INFORMED 4 NO OPINION 9 NOT STATED | | 5481/2347 11898/5536 2526/1319 196/ 78 147/ 58 | |

| FIELD | ACRONYM | LENGTH | POSITION | QUESTION & VARIABLE DESCRIPTIONS | POP. EST./SAMPLE (.000) COUNT | COMMENTS |
|-------|---------|--------|----------|---|---|----------|
| 047 | F2B | 001 | 0055 | ARE YOU VERY WELL INFORMED, MODERATELY INFORMED, OR POORLY INFORMED ABOUT ECONOMIC CONDITIONS AND BUSINESS ISSUES? 1 VERY WELL INFORMED 2 MODERATELY INFORMED 3 POORLY INFORMED 4 NO OPINION 9 NOT STATED | 3418/1428 11160/5066 5267/2671 275/ 116 128/ 57 | |
| 048 | F2C | 001 | 0056 | ARE YOU VERY WELL INFORMED, MODERATELY INFORMED, OR POORLY INFORMED ABOUT NEW INVENTIONS AND TECHNOLOGIES? 1 VERY WELL INFORMED 2 MODERATELY INFORMED 3 POORLY INFORMED 4 NO OPINION 9 NOT STATED | 2531/1035 10890/4962 6396/3154 307/ 131 125/ 56 | |
| 049 | F2D | 001 | 0057 | ARE YOU VERY WELL INFORMED, MODERATELY INFORMED, OR POORLY INFORMED ABOUT RECENT SCIENTIFIC DISCOVERIES? 1 VERY WELL INFORMED 2 MODERATELY INFORMED 3 POORLY INFORMED 4 NO OPINION 9 NOT STATED | 2273/ 957 10680/4830 6819/3354 342/ 140 134/ 57 | |
| 050 | F3A | 001 | 0058 | HOW OFTEN DO YOU PAY ATTENTION TO PROGRAMS ABOUT SCIENCE AND TECHNOLOGY ON TELEVISION? 1 REGULARLY 2 OCCASIONALLY 3 NEVER 9 NOT STATED | 6354/2885 11243/5134 2544/1268 107/ 51 | |
| 051 | F3B | 001 | 0059 | HOW OFTEN DO YOU PAY ATTENTION TO PROGRAMS ABOUT SCIENCE AND TECHNOLOGY ON RADIO? 1 REGULARLY 2 OCCASIONALLY 3 NEVER 9 NOT STATED | 2079/ 917 6801/3165 11249/5200 118/ 56 | |

GSS CYCLE 4 MICRODATA FILE DICTIONARY

| FIELD | ACRONYM | LENGTH | POSITION | QUESTION & VARIABLE DESCRIPTIONS | POP. EST./SAMPLE ('000) | COUNT | COMMENTS |
|-------|---------|--------|----------|--|---|-------|----------|
| 052 | F4A | 001 | 0060 | HOW OFTEN DO YOU READ ARTICLES ABOUT SCIENCE AND TECHNOLOGY IN NEWSPAPERS? 1 REGULARLY 2 OCCASIONALLY 3 NEVER 9 NOT STATED | 5933/2677 9787/4506 4415/2102 112/ 53 | | |
| 053 | F4B | 001 | 0061 | HOW OFTEN DO YOU READ ARTICLES ABOUT SCIENCE AND TECHNOLOGY IN MAGAZINES? 1 REGULARLY 2 OCCASIONALLY 3 NEVER 9 NOT STATED | 4752/2092 9191/4323 6180/2869 125/ 54 | | |
| 054 | F6A | 001 | 0062 | DO YOU THINK THE GOVERNMENT IS SPENDING TOO LITTLE, ABOUT THE RIGHT AMOUNT, OR TOO MUCH ON HEALTH CARE? 1 TOO LITTLE 2 ABOUT THE RIGHT AMOUNT 3 TOO MUCH 4 NO OPINION 9 NOT STATED | 11876/5419 6286/2999 1012/ 427 941/ 430 133/ 63 | | |
| 055 | F6B | 001 | 0063 | DO YOU THINK THE GOVERNMENT IS SPENDING TOO LITTLE, ABOUT THE RIGHT AMOUNT, OR TOO MUCH ON HELPING OLDER PEOPLE? 1 TOO LITTLE 2 ABOUT THE RIGHT AMOUNT 3 TOO MUCH 4 NO OPINION 9 NOT STATED | 12807/5919 5780/2707 337/ 137 1196/ 512 127/ 63 | | |
| 056 | F6C | 001 | 0064 | DO YOU THINK THE GOVERNMENT IS SPENDING TOO LITTLE, ABOUT THE RIGHT AMOUNT, OR TOO MUCH ON EDUCATION? 1 TOO LITTLE 2 ABOUT THE RIGHT AMOUNT 3 TOO MUCH 4 NO OPINION 9 NOT STATED | 9787/4539 7711/3543 1188/ 504 1418/ 678 144/ 74 | | |

| FIELD | ACRONYM | LENGTH | POSITION | QUESTION & VARIABLE DESCRIPTIONS | POP. EST./SAMPLE ('000) | COUNT | COMMENTS |
|-------|---------|--------|----------|----------------------------------|-------------------------|-------|----------|
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|-----|-----|-----|------|--|-----------|--|--|
| 057 | F6D | 001 | 0065 | DO YOU THINK THE GOVERNMENT IS SPENDING TOO LITTLE, ABOUT THE RIGHT AMOUNT, OR TOO MUCH ON HELPING THE UNEMPLOYED? | | | |
| | | | 1 | TOO LITTLE | 5959/2892 | | |
| | | | 2 | ABOUT THE RIGHT AMOUNT | 7821/3583 | | |
| | | | 3 | TOO MUCH | 4549/1972 | | |
| | | | 4 | NO OPINION | 1772/ 812 | | |
| | | | 9 | NOT STATED | 146/ 79 | | |

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|-----|-----|-----|------|---|-----------|--|--|
| 058 | F6E | 001 | 0066 | DO YOU THINK THE GOVERNMENT IS SPENDING TOO LITTLE, ABOUT THE RIGHT AMOUNT, OR TOO MUCH ON SCIENTIFIC RESEARCH? | | | |
| | | | 1 | TOO LITTLE | 7036/3051 | | |
| | | | 2 | ABOUT THE RIGHT AMOUNT | 6352/2979 | | |
| | | | 3 | TOO MUCH | 2445/1206 | | |
| | | | 4 | NO OPINION | 4268/2022 | | |
| | | | 9 | NOT STATED | 147/ 80 | | |

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|-----|-----|-----|------|---|------------|--|--|
| 059 | F6F | 001 | 0067 | DO YOU THINK THE GOVERNMENT IS SPENDING TOO LITTLE, ABOUT THE RIGHT AMOUNT, OR TOO MUCH ON HELPING PEOPLE ON LOW INCOMES? | | | |
| | | | 1 | TOO LITTLE | 10230/4742 | | |
| | | | 2 | ABOUT THE RIGHT AMOUNT | 6118/2876 | | |
| | | | 3 | TOO MUCH | 1939/ 823 | | |
| | | | 4 | NO OPINION | 1817/ 821 | | |
| | | | 9 | NOT STATED | 144/ 76 | | |

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|-----|-----|-----|------|--|------------|--|--|
| 060 | F6G | 001 | 0068 | DO YOU THINK THE GOVERNMENT IS SPENDING TOO LITTLE, ABOUT THE RIGHT AMOUNT, OR TOO MUCH ON REDUCING POLLUTION? | | | |
| | | | 1 | TOO LITTLE | 15434/6965 | | |
| | | | 2 | ABOUT THE RIGHT AMOUNT | 2500/1218 | | |
| | | | 3 | TOO MUCH | 379/ 167 | | |
| | | | 4 | NO OPINION | 1796/ 913 | | |
| | | | 9 | NOT STATED | 139/ 75 | | |

| FIELD | ACRONYM | LENGTH | POSITION | QUESTION & VARIABLE DESCRIPTIONS | POP. EST./SAMPLE ('000) | COUNT | COMMENTS |
|-------|---------|--------|----------|---|-----------------------------|--|--|
| 061 | G2 | 001 | 0069 | DURING 1988, WHAT BEST DESCRIBES YOUR MAIN ACTIVITY? WERE YOU MAINLY... 1 WORKING AT A JOB OR BUSINESS 2 LOOKING FOR WORK 3 A STUDENT 4 KEEPING HOUSE 5 RETIRED 6 OTHER 7 NOT STATED 2 - 6 (IMPUTED) 9 NOT STATED | 11938/5469 | 399/ 213 2342/ 848 2943/1523 2289/1139 320/ 138 4/ 2 13/ 6 | THE VALUE 7 WAS IMPUTED FOR THESE RECORDS. IT WAS DETERMINED FROM THE SKIP PATTERN OF THE 4-2 QUESTIONNAIRE. MAIN ACTIVITY REFERS TO THAT ACTIVITY WHERE RESPONDENT SPENDS MOST OF HIS/HER TIME. |
| 062 | G3 | 001 | 0070 | DID YOU HAVE A JOB OR WERE YOU SELF-EMPLOYED AT ANY TIME DURING 1988? 0 NOT APPLICABLE 1 YES 2 NO 9 NOT STATED | 11938/5469 | 2651/1098 5646/2765 13/ 6 | THIS QUESTION IS ASKED FOR ALL THOSE WHOSE MAIN ACTIVITY WAS NOT GIVEN AS WORKING. |
| 063 | G8 | 001 | 0071 | HAVE YOU EVER WORKED AT A JOB OR BUSINESS? 0 NOT APPLICABLE 1 YES 2 NO 9 NOT STATED | 18104/8267 | 2031/ 998 99/ 67 13/ 6 | |
| 064 | G9 | 002 | 072-073 | FOR HOW MANY WEEKS DURING 1988 DID YOU DO ANY WORK AT A JOB OR BUSINESS? 00: 52 WEEKS 97 NOT APPLICABLE 99 NOT STATED | 14571/6558 | 5646/2765 31/ 15 | IF RESPONDENT WORKED ONLY PART-TIME, FOR EXAMPLE TWO DAYS A WEEK, BUT WORKED EVERY WEEK ALL YEAR ROUND THEN 52 WAS TO BE INDICATED. TIME SPENT ON VACATION, DUE TO ILLNESS, STRIKES, LOCK-OUTS AND MATERNITY LEAVE WAS TO BE INCLUDED. |
| 065 | G10 | 001 | 0074 | DURING THOSE WEEKS, WAS THE WORK MOSTLY FULL-TIME OR PART-TIME? 0 NOT APPLICABLE 1 FULL-TIME 2 PART-TIME 3 BOTH EQUALLY 9 NOT STATED | 5646/2765 | 11791/5334 2590/1138 196/ 92 24/ 9 | FULL-TIME DEFINED AS 30 HOURS OR MORE PER WEEK. |

| FIELD | ACRONYM | LENGTH | POSITION | QUESTION & VARIABLE DESCRIPTIONS | POP. EST./SAMPLE ('000) | COUNT | COMMENTS |
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| 066 | G11 | 001 | 0075 | DURING THOSE WEEKS WERE YOU MAINLY... | | | |
| | | | 0 | NOT APPLICABLE | 5646/2765 | | |
| | | | 1 | AN EMPLOYEE WORKING FOR SOMEONE ELSE | 12577/5625 | | |
| | | | 2 | SELF-EMPLOYED | 1988/ 936 | | |
| | | | 9 | NOT STATED | 37/ 12 | | |

| | | | | | | | |
|-----|-----|-----|------|--|------------|--|--|
| 067 | G12 | 001 | 0076 | DURING THOSE WEEKS, DID YOU HAVE ANY PAID EMPLOYEES? | | | |
| | | | 0 | NOT APPLICABLE | 18223/8390 | | |
| | | | 1 | YES | 993/ 441 | | |
| | | | 2 | NO | 962/ 477 | | |
| | | | 9 | NOT STATED | 70/ 30 | | |

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|-----|-----|-----|------|---|------------|--|--|
| 068 | G17 | 001 | 0077 | DID YOU WORK FOR THE SAME EMPLOYER LAST WEEK? | | | |
| | | | 0 | NOT APPLICABLE | 5646/2765 | | |
| | | | 1 | YES | 10816/4844 | | |
| | | | 2 | NO | 3744/1715 | | |
| | | | 9 | NOT STATED | 42/ 14 | | |

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|-----|-----|-----|------|---|------------|--|--|
| 069 | G18 | 001 | 0078 | DID YOU DO THE SAME KIND OF WORK LAST WEEK? | | | |
| | | | 0 | NOT APPLICABLE | 9390/4480 | | |
| | | | 1 | YES | 10645/4763 | | |
| | | | 2 | NO | 171/ 81 | | |
| | | | 9 | NOT STATED | 42/ 14 | | |

| | | | | | | | |
|-----|-----|-----|------|-----------------------------------|------------|--|--|
| 070 | G21 | 001 | 0079 | WAS THIS YOUR MAIN JOB LAST WEEK? | | | |
| | | | 0 | NOT APPLICABLE | 19744/9113 | | |
| | | | 1 | YES | 439/ 200 | | |
| | | | 2 | NO | 22/ 11 | | |
| | | | 9 | NOT STATED | 42/ 14 | | |

| | | | | | | | |
|-----|-----|-----|------|--|------------|--|--|
| 071 | G27 | 001 | 0080 | LAST WEEK, DID YOU HAVE A JOB TO WHICH YOU EXPECTED TO RETURN? | | | |
| | | | 0 | NOT APPLICABLE | 17660/8106 | | |
| | | | 1 | YES | 585/ 309 | | |
| | | | 2 | NO | 1961/ 909 | | |
| | | | 9 | NOT STATED | 42/ 14 | | |

| FIELD | ACRONYM | LENGTH | POSITION | QUESTION & VARIABLE DESCRIPTIONS | POP. EST./SAMPLE ('000) | COUNT | COMMENTS |
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| 072 | G29 | 001 | 0081 | MAS THIS BECAUSE YOU BELIEVED NO JOBS WERE AVAILABLE? 0 NOT APPLICABLE 1 YES 2 NO 9 NOT STATED | 19072/8822 58/ 43 1076/ 459 42/ 14 | | |
|-----|-----|-----|------|--|---|--|--|

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|-----|-----|-----|---------|---|--|--|--|
| 073 | G32 | 002 | 082-083 | WHY DID YOU NOT WORK AT THIS JOB LAST WEEK? 01 OWN ILLNESS OR DISABILITY 02 VACATION 03 MATERNITY LEAVE 04 PERSONAL OR FAMILY RESPONSIBILITIES 05 LAYOFF, EXPECTS TO RETURN (PAID WORKERS ONLY) 06 LABOUR DISPUTE (STRIKE OR LOCKOUT) 07 BAD WEATHER 08 SEASONAL BUSINESS (EXCLUDE PAID WORKERS) 09 NEW JOB TO START IN FUTURE 10 OTHER 21 NOT STATED 01 - 08 (IMPUTED) 22 NOT STATED 09 - 10 (IMPUTED) 97 NOT APPLICABLE 99 NOT STATED | 90/ 36 9/ 5 44/ 23 15/ 5 190/ 103 6/ 5 13/ 7 148/ 85 14/ 7 49/ 28 6/ 4 2/ 1 19620/9015 42/ 14 | | THE VALUES 21 AND 22 WERE IMPUTED FOR THESE RECORDS. IT WAS DETERMINED FROM THE SKIP PATTERN OF THE 4-2 QUESTIONNAIRE. |
|-----|-----|-----|---------|---|--|--|--|

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|-----|-----|-----|---------|---|------------------------------------|--|--|
| 074 | H13 | 002 | 084-085 | HOW MANY MONTHS IN THE YEAR DO YOU NORMALLY WORK AT YOUR (MAIN) JOB? 01:12 MONTHS PER YEAR 97 NOT APPLICABLE 99 NOT STATED | 12537/5612 7531/3647 180/ 79 | | |
|-----|-----|-----|---------|---|------------------------------------|--|--|

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|-----|-----|-----|------|---|---|--|--|
| 075 | H14 | 001 | 0086 | IS YOUR (MAIN) JOB PERMANENT? THAT IS, A JOB WITHOUT A SPECIFIC END DATE. 0 NOT APPLICABLE 1 YES 2 NO 3 SELF-EMPLOYED 9 NOT STATED | 7531/3647 11277/5073 842/ 368 531/ 228 67/ 22 | | |
|-----|-----|-----|------|---|---|--|--|

| FIELD | ACRONYM | LENGTH | POSITION | QUESTION & VARIABLE DESCRIPTIONS | POP. EST./SAMPLE ('000) | COUNT | COMMENTS |
|-------|---------|--------|----------|--|---|-------|--|
| 076 | H20 | 001 | 0087 | WOULD YOU PREFER TO HAVE A PERMANENT JOB? 0 NOT APPLICABLE 1 YES 2 NO 9 NOT STATED | 19339/8948 514/ 246 326/ 121 70/ 23 | | |
| 077 | H25 | 001 | 0088 | WHICH OF THE FOLLOWING BEST DESCRIBES THE WORK YOU DO? IS IT MANAGERIAL, SUPERVISORY OR NEITHER? 0 NOT APPLICABLE 1 MANAGERIAL 2 SUPERVISORY 3 NEITHER 9 NOT STATED | 8062/3875 1872/ 845 1240/ 584 8929/3982 145/ 52 | | MANAGERS ARE DEFINED AS HAVING RESPONSIBILITY FOR POLICY MAKING DECISIONS, TOTAL NUMBER OF PERSONS TO BE EMPLOYED, AND BUDGETS. SUPERVISORS DIRECT THE WORK OF OTHERS OR TELL OTHERS WHAT TO DO BUT DO NOT HAVE RESPONSIBILITY FOR POLICY DECISIONS. |
| 078 | H26 | 001 | 0089 | WOULD YOU SAY THAT YOU ARE IN A TOP, UPPER, MIDDLE OR LOWER MANAGEMENT POSITION? 0 NOT APPLICABLE 1 TOP 2 UPPER 3 MIDDLE 4 LOWER 9 NOT STATED | 18231/8441 610/ 273 313/ 133 615/ 282 323/ 149 156/ 60 | | |
| 079 | H27 | 001 | 0090 | DO YOU TAKE PART IN PLANNING THE FUTURE BUSINESS ACTIVITIES OF... 0 NOT APPLICABLE 1 THE ENTIRE BUSINESS/COMPANY 2 ONLY A PART OF IT 3 NOT INVOLVED IN PLANNING 9 NOT STATED | 18231/8441 904/ 397 774/ 355 187/ 90 152/ 55 | | |
| 080 | H28 | 001 | 0091 | HOW MUCH OF YOUR WORKING TIME DO YOU SPEND ON PLANNING FUTURE BUSINESS ACTIVITIES OF YOUR COMPANY? IS IT... 0 NOT APPLICABLE 1 LESS THAN A QUARTER 2 BETWEEN A QUARTER AND A HALF 3 MORE THAN A HALF 9 NOT STATED | 18418/8531 929/ 432 541/ 239 194/ 77 166/ 59 | | |

POP. EST./SAMPLE
 FIELD ACRONYM LENGTH POSITION QUESTION & VARIABLE DESCRIPTIONS ('000) COUNT COMMENTS

| | | | | | | |
|-----|------|-----|------|---|---|--|
| 081 | H30A | 001 | 0092 | DOES YOUR BUSINESS/COMPANY PROVIDE YOU WITH A PENSION PLAN? 0 NOT APPLICABLE 1 YES 2 NO 3 DON'T KNOW 9 NOT STATED | 7531/3647 6533/2982 5684/2523 379/ 147 122/ 39 | |
| 082 | H30B | 001 | 0093 | DOES YOUR BUSINESS/COMPANY PROVIDE YOU WITH MEDICAL INSURANCE? 0 NOT APPLICABLE 1 YES 2 NO 3 DON'T KNOW 9 NOT STATED | 7531/3647 7951/3523 4471/2054 167/ 73 128/ 41 | |
| 083 | H30C | 001 | 0094 | DOES YOUR BUSINESS/COMPANY PROVIDE YOU WITH A DENTAL PLAN? 0 NOT APPLICABLE 1 YES 2 NO 3 DON'T KNOW 9 NOT STATED | 7531/3647 6680/3017 5682/2540 227/ 94 128/ 40 | |
| 084 | H31 | 001 | 0095 | DOES YOUR BUSINESS/COMPANY PROVIDE PAID MATERNITY LEAVE? 0 NOT APPLICABLE 1 YES 2 NO 3 DON'T KNOW 9 NOT STATED | 7531/3647 5142/2290 4519/2156 2926/1199 130/ 46 | |
| 085 | H33 | 001 | 0096 | DO YOU USE COMPUTERS SUCH AS MAINFRAMES, PERSONAL COMPUTER OR WORD PROCESSORS IN YOUR JOB? 0 NOT APPLICABLE 1 YES 2 NO 9 NOT STATED | 7531/3647 4284/1933 8323/3724 110/ 34 | |

| FIELD | ACRONYM | LENGTH | POSITION | QUESTION & VARIABLE DESCRIPTIONS | POP. EST./SAMPLE ('000) | COUNT | COMMENTS |
|-------|---------|--------|----------|---|-------------------------|-------|----------|
| 086 | H35 | 001 | 0097 | IN THE LAST FIVE YEARS, HOW MUCH HAS YOUR WORK BEEN AFFECTED BY THE INTRODUCTION OF COMPUTERS OR AUTOMATED TECHNOLOGY? WOULD YOU SAY... | | | |
| | | | 0 | NOT APPLICABLE | | | |
| | | | 1 | GREATLY | 7531/3647 | | |
| | | | 2 | SOMEMWHAT | 3555/1584 | | |
| | | | 3 | HARDLY | 1884/ 928 | | |
| | | | 4 | NOT AT ALL | 1826/ 871 | | |
| | | | 7 | GREATLY OR SOMEMWHAT (IMPUTED) | 5313/2257 | | |
| | | | | | 1/ | 2 | |
| | | | 9 | NOT STATED | 137/ | 49 | |
| 087 | H36 | 001 | 0098 | IN THE LAST FIVE YEARS, HAS THE LEVEL OF SKILL REQUIRED TO PERFORM YOUR WORK INCREASED, DECREASED, OR STAYED THE SAME AS A RESULT OF THE INTRODUCTION OF COMPUTERS OR AUTOMATED TECHNOLOGY? | | | |
| | | | 0 | NOT APPLICABLE | 14670/6775 | | |
| | | | 1 | INCREASED | 3695/1678 | | |
| | | | 2 | DECREASED | 113/ 57 | | |
| | | | 3 | STAYED THE SAME | 1621/ 770 | | |
| | | | 9 | NOT STATED | 148/ 58 | | |
| 088 | H37 | 001 | 0099 | IN THE LAST FIVE YEARS, HAS THE JOB SECURITY INCREASED, DECREASED, OR STAYED THE SAME AS A RESULT OF THE INTRODUCTION OF COMPUTERS OR AUTOMATED TECHNOLOGY? | | | |
| | | | 0 | NOT APPLICABLE | 14670/6775 | | |
| | | | 1 | INCREASED | 1046/ 455 | | |
| | | | 2 | DECREASED | 595/ 282 | | |
| | | | 3 | STAYED THE SAME | 3753/1755 | | |
| | | | 9 | NOT STATED | 184/ 71 | | |
| 089 | H38 | 001 | 0100 | OVER THE LAST FIVE YEARS, HAS YOUR WORK BECOME MORE INTERESTING, LESS INTERESTING, OR STAYED THE SAME AS A RESULT OF THE INTRODUCTION OF COMPUTERS OR AUTOMATED TECHNOLOGY? | | | |
| | | | 0 | NOT APPLICABLE | 14670/6775 | | |
| | | | 1 | MORE INTERESTING | 3325/1498 | | |

THE VALUE 7 WAS IMPUTED FOR THESE RECORDS. IT WAS DETERMINED FROM THE SKIP PATTERN OF THE 4-2 QUESTIONNAIRE.

| FIELD | ACRONYM | LENGTH | POSITION | QUESTION & VARIABLE DESCRIPTIONS | POP. EST./SAMPLE ('000) | COUNT | COMMENTS |
|-------|---------|--------|----------|----------------------------------|-------------------------|-------|----------|
|-------|---------|--------|----------|----------------------------------|-------------------------|-------|----------|

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|-----|-----|-----|------|---|----------------------------------|--|--|
| 089 | H38 | 001 | 0100 | 2 LESS INTERESTING 3 STAYED THE SAME 9 NOT STATED | 218/ 105 1882/ 901 152/ 59 | | |
|-----|-----|-----|------|---|----------------------------------|--|--|

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|-----|-----|-----|------|--|---|--|--|
| 090 | H39 | 001 | 0101 | HOW CLOSELY IS YOUR JOB RELATED TO YOUR EDUCATION? IS IT... 0 NOT APPLICABLE 1 CLOSELY RELATED 2 SOMEWHAT RELATED 3 NOT RELATED AT ALL 9 NOT STATED | 7531/3647 4411/2048 2595/1246 5578/2352 132/ 45 | | |
|-----|-----|-----|------|--|---|--|--|

| | | | | | | | |
|-----|-----|-----|---------|--|--|--|--|
| 091 | H40 | 002 | 102-103 | WHAT LEVEL OF EDUCATION IS NORMALLY REQUIRED FOR PEOPLE WHO DO YOUR TYPE OF WORK? 01 MASTERS OR EARNED DOCTORATE 02 BACHELOR OR UNDERGRADUATE DEGREE, OR TEACHERS COLLEGE DIPLOMA OR CERTIFICATE FROM COLL./CEGEP/NURSING SCHOOL 04 DIPLOMA OR CERT. FROM TRADE/TECH./VOCAT. OR BUSINESS COLL. 05 SOME POST-SECONDARY 06 HIGH SCHOOL DIPLOMA 07 LESS THAN HIGH SCHOOL DIPLOMA 08 NO QUALIFICATIONS SPECIFIED 09 OTHER 97 NOT APPLICABLE 98 DON'T KNOW 99 NOT STATED | 450/ 185 1722/ 796 1100/ 434 1368/ 657 455/ 221 3027/1394 1167/ 515 2739/1183 246/ 112 7531/3647 292/ 136 151/ 58 | | |
|-----|-----|-----|---------|--|--|--|--|

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|-----|-----|-----|------|--|--|--|--|
| 092 | H41 | 001 | 0104 | CONSIDERING YOUR EXPERIENCE, EDUCATION AND TRAINING, DO YOU FEEL THAT YOU ARE OVERQUALIFIED FOR YOUR JOB? 0 NOT APPLICABLE 1 YES 2 NO 9 NOT STATED | 7531/3647 2888/1248 9671/4386 158/ 57 | | |
|-----|-----|-----|------|--|--|--|--|

| FIELD | ACRONYM | LENGTH | POSITION | QUESTION & VARIABLE DESCRIPTIONS | POP. EST./SAMPLE ('000) COUNT | COMMENTS |
|-------|---------|--------|----------|---|---|----------|
| 093 | H42 | 001 | 0105 | DO YOU THINK IT IS LIKELY YOU WILL LOSE YOUR JOB OR BE LAID OFF IN THE NEXT YEAR? 0 NOT APPLICABLE 1 YES 2 NO 9 NOT STATED | 7531/3647 948/ 461 11622/5180 148/ 50 | |
| 094 | H43 | 001 | 0106 | DO YOU THINK THIS WILL BE BECAUSE OF THE INTRODUCTION OF COMPUTERS OR AUTOMATED TECHNOLOGY? 0 NOT APPLICABLE 1 YES 2 NO 3 DON'T KNOW 9 NOT STATED | 19152/8827 79/ 36 840/ 410 21/ 11 156/ 54 | |
| 095 | K6 | 001 | 0107 | HOW CLOSELY WAS THAT JOB RELATED TO YOUR EDUCATION AT THAT TIME? WAS IT... 0 NOT APPLICABLE 1 CLOSELY RELATED 2 SOMEWHAT RELATED 3 NOT RELATED AT ALL 9 NOT STATED | 18001/8257 578/ 257 350/ 185 1242/ 604 77/ 35 | |
| 096 | K7 | 001 | 0108 | DID YOU RETIRE BECAUSE YOU HAD REACHED MANDATORY RETIREMENT AGE? 0 NOT APPLICABLE 1 YES 2 NO 9 NOT STATED | 18001/8257 615/ 284 1562/ 768 70/ 29 | |
| 097 | K8A | 001 | 0109 | DID YOU RETIRE BECAUSE YOUR EMPLOYER OFFERED AN EARLY RETIREMENT INCENTIVE? 0 NOT APPLICABLE 1 YES 2 NO 9 NOT STATED | 18615/8541 152/ 69 1026/ 550 455/ 178 | |

GSS CYCLE 4 MICRODATA FILE DICTIONARY

| FIELD | ACRONYM | LENGTH | POSITION | QUESTION & VARIABLE DESCRIPTIONS | POP. EST./SAMPLE ('000) | COUNT | COMMENTS |
|-------|---------|--------|----------|--|--|-------|----------|
| 098 | K8B | 001 | 0110 | DID YOU RETIRE BECAUSE NEW TECHNOLOGY WAS INTRODUCED? 0 NOT APPLICABLE 1 YES 2 NO 9 NOT STATED | 18615/8541 22/ 14 1132/ 598 478/ 185 | | |
| 099 | K8C | 001 | 0111 | DID YOU RETIRE BECAUSE YOUR HEALTH REQUIRED IT? 0 NOT APPLICABLE 1 YES 2 NO 9 NOT STATED | 18615/8541 593/ 291 665/ 363 374/ 143 | | |
| 100 | K8D | 001 | 0112 | DID YOU RETIRE FOR ANY OTHER REASON? 0 NOT APPLICABLE 1 YES 2 NO 9 NOT STATED | 18615/8541 805/ 406 615/ 302 212/ 89 | | |
| 101 | K9 | 001 | 0113 | DO YOU RECEIVE A PENSION OR RETIREMENT BENEFITS FROM ANY OF YOUR FORMER EMPLOYERS? 0 NOT APPLICABLE 1 YES 2 NO 9 NOT STATED | 18001/8257 1055/ 458 1114/ 593 78/ 30 | | |
| 102 | K10 | 001 | 0114 | ARE THESE BENEFITS ADJUSTED FOR CHANGES IN THE COST OF LIVING? 0 NOT APPLICABLE 1 YES 2 NO 3 DON'T KNOW 9 NOT STATED | 19115/8850 612/ 280 399/ 159 42/ 18 80/ 31 | | |
| 103 | K11 | 001 | 0115 | COMPARED TO THE YEAR BEFORE YOU RETIRED, DO YOU NOW ENJOY LIFE MORE, LESS OR ABOUT THE SAME? 0 NOT APPLICABLE 1 MORE 2 LESS 3 ABOUT THE SAME 9 NOT STATED | 18001/8257 955/ 424 377/ 193 830/ 430 85/ 34 | | |

| FIELD | ACRONYM | LENGTH | POSITION | QUESTION & VARIABLE DESCRIPTIONS | POP. EST./SAMPLE COUNTS ('000) | COMMENTS |
|-------|---------|--------|--------------|---|--------------------------------|----------|
| 104 | K12 | 001 | 0116 | WHAT IS THE MAIN REASON THAT YOU NOW ENJOY LIFE MORE? IS IT... | 19208/8880 | |
| | | | 0 | NOT APPLICABLE | 638/ 281 | |
| | | | 1 | MORE LEISURE TIME | 70/ 25 | |
| | | | 2 | MORE TRAVEL | 113/ 47 | |
| | | | 3 | MORE TIME WITH FAMILY | 69/ 33 | |
| | | | 4 | MORE TIME FOR VOLUNTARY ACTIVITIES | | |
| | | | 5 | OTHER | 60/ 35 | |
| | | | 9 | NOT STATED | 91/ 37 | |
| 105 | K14 | 001 | 0117 | WHAT IS THE MAIN REASON THAT YOU NOW ENJOY LIFE LESS? IS IT... | 19786/9111 | |
| | | | 0 | NOT APPLICABLE | 221/ 103 | |
| | | | 1 | YOUR HEALTH | 25/ 11 | |
| | | | 2 | DECREASE IN INCOME | 73/ 40 | |
| | | | 3 | LESS CONTACT WITH PEOPLE | 54/ 35 | |
| | | | 4 | OTHER | 88/ 38 | |
| | | | 9 | NOT STATED | | |
| 106 | K18 | 003 | 118-120 | IN 1988, HOW MANY DAYS DID YOU DO ANY WORK FOR PAY? | 412/ 203 | |
| | | | 000 | NONE | 182/ 70 | |
| | | | 004:365 DAYS | | 19554/9028 | |
| | | | 997 | NOT APPLICABLE | 100/ 37 | |
| | | | 999 | NOT STATED | | |
| 107 | L1 | 001 | 0121 | WERE YOU MAINLY LOOKING FOR A FULL-TIME OR PART-TIME JOB? | 19093/8786 | |
| | | | 0 | NOT APPLICABLE | 608/ 312 | |
| | | | 1 | FULL-TIME | 299/ 125 | |
| | | | 2 | PART-TIME | 141/ 71 | |
| | | | 3 | EITHER | 106/ 44 | |
| | | | 9 | NOT STATED | | |
| 108 | L2 | 001 | 0122 | WHAT ARE THE CHANCES THAT YOU WILL FIND A JOB IN THE NEXT SIX MONTHS? ARE THEY... | 19036/8743 | |
| | | | 0 | NOT APPLICABLE | 339/ 164 | |
| | | | 1 | VERY GOOD | 386/ 181 | |
| | | | 2 | GOOD | 129/ 63 | |
| | | | 3 | NOT GOOD | 183/ 115 | |
| | | | 4 | NOT VERY GOOD | 65/ 23 | |
| | | | 5 | HAS ALREADY FOUND WORK | 110/ 49 | |
| | | | 9 | NOT STATED | | |

| FIELD | ACRONYM | LENGTH | POSITION | QUESTION & VARIABLE DESCRIPTIONS | POP. EST./SAMPLE ('000) COUNT | COMMENTS |
|-------|---------|--------|----------|---|--|----------|
| 109 | L5 | 001 | 0123 | WOULD YOU LIKE TO HAVE A PAYING JOB NOW? 0 NOT APPLICABLE 1 YES 2 NO 9 NOT STATED | 17655/7998 659/ 372 1876/ 945 57/ 23 | |
| 110 | L6A | 001 | 0124 | DO YOU NOT HAVE A PAYING JOB BECAUSE JOBS ARE UNAVAILABLE OR HARD TO FIND? 0 NOT APPLICABLE 1 YES 2 NO 9 NOT STATED | 19532/8943 185/ 116 429/ 222 102/ 57 | |
| 111 | L6B | 001 | 0125 | DO YOU NOT HAVE A PAYING JOB BECAUSE YOU LACK SKILLS OR QUALIFICATIONS? 0 NOT APPLICABLE 1 YES 2 NO 9 NOT STATED | 19532/8943 205/ 114 410/ 223 101/ 58 | |
| 112 | L6C | 001 | 0126 | DO YOU NOT HAVE A PAYING JOB BECAUSE OF YOUR OWN ILLNESS OR DISABILITY? 0 NOT APPLICABLE 1 YES 2 NO 9 NOT STATED | 19532/8943 149/ 79 471/ 262 96/ 54 | |
| 113 | L6D | 001 | 0127 | DO YOU NOT HAVE A PAYING JOB BECAUSE YOU CAN'T FIND SUITABLE CHILD CARE? 0 NOT APPLICABLE (RESPONDENT DID NOT COMPLETE SECTION L) 1 YES 2 NO 3 NOT APPLICABLE 9 NOT STATED | 19532/8943 115/ 66 408/ 219 86/ 49 107/ 61 | |

| FIELD | ACRONYM | LENGTH | POSITION | QUESTION & VARIABLE DESCRIPTIONS | POP. EST./SAMPLE ('000) COUNT | COMMENTS |
|-------|---------|--------|----------|--|---|----------|
| 114 | L6E | 001 | 0128 | DO YOU NOT HAVE A PAYING JOB BECAUSE YOU PREFER TO STAY HOME WITH CHILDREN? 0 NOT APPLICABLE (RESPONDENT DID NOT COMPLETE SECTION L) 1 YES 2 NO 3 NOT APPLICABLE 9 NOT STATED | 19532/8943 197/ 116 333/ 172 84/ 51 102/ 56 | |
| 115 | L6F | 001 | 0129 | DO YOU NOT HAVE A PAYING JOB BECAUSE YOUR SPOUSE WANTS YOU TO STAY HOME? 0 NOT APPLICABLE (RESPONDENT DID NOT COMPLETE SECTION L) 1 YES 2 NO 3 NOT APPLICABLE 9 NOT STATED | 19532/8943 68/ 36 474/ 246 69/ 54 105/ 59 | |
| 116 | L6G | 001 | 0130 | DO YOU NOT HAVE A PAYING JOB BECAUSE OF PERSONAL OR FAMILY RESPONSIBILITIES? 0 NOT APPLICABLE (RESPONDENT DID NOT COMPLETE SECTION L) 1 YES 2 NO 3 NOT APPLICABLE 9 NOT STATED | 19532/8943 190/ 103 376/ 200 44/ 31 106/ 61 | |
| 117 | L6H | 001 | 0131 | DO YOU NOT HAVE A PAYING JOB FOR ANY OTHER REASONS? 0 NOT APPLICABLE 1 YES 2 NO 9 NOT STATED | 19532/8943 76/ 43 510/ 282 130/ 70 | |
| 118 | L20 | 001 | 0132 | CONSIDERING YOUR EXPERIENCE, EDUCATION AND TRAINING, DO YOU FEEL THAT YOU HAVE BEEN OVERQUALIFIED FOR MOST OF YOUR JOBS? 0 NOT APPLICABLE 1 YES 2 NO 9 NOT STATED | 17524/8025 510/ 241 2118/1033 95/ 39 | |

| FIELD | ACRONYM | LENGTH | POSITION | QUESTION & VARIABLE DESCRIPTIONS | POP. EST./SAMPLE COUNT ('000) | COMMENTS |
|-------|---------|--------|----------|--|--|----------|
| 119 | L27 | 001 | 0133 | DO YOU INTEND TO WORK AT A JOB IN THE FUTURE? 0 NOT APPLICABLE 1 YES 2 NO 9 NOT STATED | 14980/6811 3433/1611 1758/ 887 77/ 29 | |
| 120 | M1A | 001 | 0134 | IN THE LAST 12 MONTHS, HAVE YOU BEEN INVOLVED IN ANY CHARITABLE, SERVICE OR VOLUNTEER ORGANIZATION? 1 YES 2 NO 9 NOT STATED | 4654/2298 15350/6948 244/ 92 | |
| 121 | M1B | 001 | 0135 | IN THE LAST 12 MONTHS, HAVE YOU BEEN INVOLVED IN ANY NEIGHBOURHOOD, COMMUNITY OR SCHOOL-RELATED ASSOCIATION? 1 YES 2 NO 9 NOT STATED | 4276/2105 15724/7139 247/ 94 | |
| 122 | M1C | 001 | 0136 | IN THE LAST 12 MONTHS, HAVE YOU BEEN INVOLVED IN ANY RELIGIOUS OR CHURCH-RELATED GROUP, NOT COUNTING TIME AT CHURCH SERVICES? 1 YES 2 NO 9 NOT STATED | 3131/1581 16867/7665 250/ 92 | |
| 123 | M1D | 001 | 0137 | IN THE LAST 12 MONTHS, HAVE YOU BEEN INVOLVED IN ANY SOCIAL, CULTURAL OR ETHNIC GROUP? 1 YES 2 NO 9 NOT STATED | 3093/1375 16907/7866 248/ 97 | |

| FIELD | ACRONYM | LENGTH | POSITION | QUESTION & VARIABLE DESCRIPTIONS | POP. EST./SAMPLE COUNT ('000) | COUNT | COMMENTS |
|-------|---------|--------|----------|--|--|-------|----------|
| 124 | M1E | 001 | 0138 | IN THE LAST 12 MONTHS, HAVE YOU BEEN INVOLVED IN ANY SPORTS OR ATHLETIC ASSOCIATION? 1 YES 2 NO 9 NOT STATED | 4981/2232 15009/7006 258/ 100 | | |
| 125 | M1F | 001 | 0139 | IN THE LAST 12 MONTHS, HAVE YOU BEEN INVOLVED IN ANY PUBLIC INTEREST GROUP, CONCERNED WITH ISSUES SUCH AS THE ENVIRONMENT OR WORLD PEACE? 1 YES 2 NO 9 NOT STATED | 1030/ 478 18965/8761 253/ 99 | | |
| 126 | M1G | 001 | 0140 | IN THE LAST 12 MONTHS, HAVE YOU BEEN INVOLVED IN ANY BUSINESS, PROFESSIONAL OR OTHER WORK-RELATED ORGANIZATION? 1 YES 2 NO 9 NOT STATED | 2654/1334 17341/7905 253/ 99 | | |
| 127 | M1H | 001 | 0141 | IN THE LAST 12 MONTHS, HAVE YOU BEEN INVOLVED IN ANY POLITICAL ORGANIZATION? 1 YES 2 NO 9 NOT STATED | 1101/ 516 18889/8722 258/ 100 | | |
| 128 | M3 | 002 | 142-143 | ON AVERAGE, WHAT IS THE TOTAL NUMBER OF HOURS YOU SPEND EACH MONTH PARTICIPATING IN ALL SUCH ORGANIZATIONS? 00: 95 HOURS PER MONTH 96 96 OR MORE HOURS PER MONTH 97 NOT APPLICABLE 99 NOT STATED | 10958/5221 107/ 47 8738/3878 445/ 192 | | |

| FIELD | ACRONYM | LENGTH | POSITION | QUESTION & VARIABLE DESCRIPTIONS | POP. EST./SAMPLE ('000) | COUNT | COMMENTS |
|-------|---------|--------|----------|--|--|-------|--|
| 129 | M4 | 001 | 0144 | ARE YOU A MEMBER OF A LABOUR UNION? 1 YES 2 NO 9 NOT STATED | 3737/1745 16267/7503 244/ 90 | | |
| 130 | N2 | 001 | 0145 | WOULD YOU DESCRIBE YOURSELF AS... 1 VERY HAPPY 2 SOMEWHAT HAPPY 3 SOMEWHAT UNHAPPY 4 VERY UNHAPPY 5 NO OPINION 9 NOT STATED | 10310/4665 8601/4011 823/ 425 146/ 89 51/ 26 316/ 122 | | |
| 131 | P2 | 001 | 0146 | IN WHAT TYPE OF DWELLING ARE YOU NOW LIVING? IS IT A... 1 SINGLE DETACHED HOUSE 2 SEMI-DETACHED OR DOUBLE (SIDE-BY-SIDE) 3 GARDEN HOUSE, TOWN HOUSE OR ROW HOUSE 4 DUPLEX (ONE ABOVE THE OTHER) 5 LOW-RISE APARTMENT (LESS THAN 5 STORIES) 6 HIGH-RISE APARTMENT (5 OR MORE STORIES) 7 MOBILE HOME 8 OTHER 9 NOT STATED | 13142/6021 812/ 297 708/ 310 959/ 381 2537/1339 1258/ 541 414/ 270 177/ 91 241/ 88 | | A DWELLING UNIT IS A SET OF LIVING QUARTERS WHICH: (1) IS STRUCTURALLY SEPARATE, AND (2) HAS A PRIVATE ENTRANCE OUTSIDE THE BUILDING OR FROM A COMMON STAIRWAY OR HALL INSIDE. |
| 132 | P4 | 001 | 0147 | IS THIS DWELLING OWNED BY A MEMBER OF THIS HOUSEHOLD OR IS IT RENTED? 1 OWNED 2 RENTED 9 NOT STATED | 14077/6233 5920/3011 251/ 94 | | A DWELLING WHICH IS NOT FULLY PAID FOR SUCH AS ONE WHICH HAS A MORTGAGE IS TO BE CONSIDERED OWNED |

| FIELD | ACRONYM | LENGTH | POSITION | QUESTION & VARIABLE DESCRIPTIONS | POP. EST./SAMPLE COUNT | COMMENTS |
|-------|----------|--------|----------|---|---|--|
| 133 | P10 | 001 | 0148 | ARE YOU LIMITED IN THE KIND OR AMOUNT OF ACTIVITY YOU CAN DO AT HOME, AT WORK, OR AT SCHOOL BECAUSE OF A LONG TERM CONDITION OR HEALTH PROBLEM? 1 YES 2 NO 9 NOT STATED | 2227/1147 17735/8085 286/ 106 | |
| 134 | P12 | 001 | 0149 | ARE YOU COMPLETELY UNABLE TO WORK AT A JOB OR BUSINESS BECAUSE OF THIS CONDITION OR HEALTH PROBLEM? 0 NOT APPLICABLE (QUESTION WAS NOT ASKED) 1 YES 2 NO 3 NOT APPLICABLE 9 NOT STATED | 17735/8085 820/ 413 1071/ 537 290/ 172 332/ 131 | MORE THAN ONE CATEGORY WAS TO BE MARKED ONLY IF LANGUAGES WERE USED EQUALLY. |
| 135 | P16ENG | 001 | 0150 | WHAT LANGUAGE DID YOU FIRST SPEAK IN CHILDHOOD?...ENGLISH 1 YES 2 NO 9 NOT STATED | 11794/6080 8239/3173 215/ 85 | MORE THAN ONE CATEGORY WAS TO BE MARKED ONLY IF LANGUAGES WERE USED EQUALLY. |
| 136 | P16FRE | 001 | 0151 | WHAT LANGUAGE DID YOU FIRST SPEAK IN CHILDHOOD?...FRENCH 1 YES 2 NO 9 NOT STATED | 5408/2100 14625/7153 215/ 85 | MORE THAN ONE CATEGORY WAS TO BE MARKED ONLY IF LANGUAGES WERE USED EQUALLY. |
| 137 | P16STENG | 001 | 0152 | DO YOU STILL UNDERSTAND THAT/THOSE LANGUAGE(S)?...ENGLISH 0 NOT APPLICABLE 1 YES 2 NO 9 NOT STATED | 8239/3173 11779/6073 9/ 3 221/ 89 | THE LANGUAGE NEED ONLY BE UNDERSTOOD, NOT NECESSARILY USED. THIS QUESTION IS NOT ASKED IF ENGLISH QUESTIONNAIRE IS BEING COMPLETED |

| FIELD | ACRONYM | LENGTH | POSITION | QUESTION & VARIABLE DESCRIPTIONS | POP. EST./SAMPLE COUNT ('000) | COMMENTS |
|-------|----------|--------|----------|---|--|--|
| 138 | P16STFRE | 001 | 0153 | DO YOU STILL UNDERSTAND THAT/THOSE LANGUAGE(S)?...FRENCH 0 NOT APPLICABLE 1 YES 2 NO 9 NOT STATED | 14625/7153 5320/2060 62/ 31 241/ 94 | THE LANGUAGE NEED ONLY BE UNDERSTOOD, NOT NECESSARILY USED. THIS QUESTION IS NOT ASKED IF FRENCH QUESTIONNAIRE IS BEING COMPLETED. |
| 139 | P17ENG | 001 | 0154 | WHAT LANGUAGE DO YOU SPEAK MOST OFTEN AT HOME?...ENGLISH 1 YES 2 NOT APPLICABLE 9 NOT STATED | 14253/7158 5757/2082 238/ 98 | IF MULTIPLE LANGUAGES WERE SPOKEN EQUALLY, THEY WERE BOTH (ALL) TO BE REPORTED. |
| 140 | P17FRE | 001 | 0155 | WHAT LANGUAGE DO YOU SPEAK MOST OFTEN AT HOME?...FRENCH 1 YES 2 NOT APPLICABLE 9 NOT STATED | 4942/1861 15067/7379 238/ 98 | IF MULTIPLE LANGUAGES WERE SPOKEN EQUALLY, THEY WERE BOTH (ALL) TO BE REPORTED. |
| 141 | P19 | 001 | 0156 | OTHER, THAN ON SPECIAL OCCASIONS, SUCH AS WEDDINGS, FUNERALS OR BAPTISMS, HOW OFTEN DID YOU ATTEND SERVICES OR MEETINGS CONNECTED WITH YOUR RELIGION IN THE LAST 12 MONTH? WAS IT... 0 NOT APPLICABLE 1 AT LEAST ONCE A WEEK 2 AT LEAST ONCE A MONTH 3 A FEW TIMES A YEAR 4 AT LEAST ONCE A YEAR 5 LESS THAN ONCE A YEAR 6 NEVER 9 NOT STATED | 2651/1153 5252/2473 2416/1169 4012/1796 1392/ 624 835/ 404 3265/1538 425/ 181 | |
| 142 | P20FRE | 001 | 0157 | TO WHICH ETHNIC OR CULTURAL GROUP DO YOU OR DID YOUR ANCESTORS BELONG? WOULD IT BE FRENCH? 1 YES 2 NO 8 DON'T KNOW 9 NOT STATED | 6306/2617 13349/6408 230/ 151 362/ 162 | ETHNIC OR CULTURAL GROUP REFERS TO THE "ROOTS" OF THE RESPONDENT AND WERE NOT TO BE CONFUSED WITH CITIZENSHIP OR NATIONALITY. MULTIPLE RESPONSES ARE POSSIBLE. CATEGORY IS READ. |

| FIELD | ACRONYM | LENGTH | POSITION | QUESTION & VARIABLE DESCRIPTIONS | POP. EST./SAMPLE ('000) | COUNT | COMMENTS |
|-------|---------|--------|----------|---|---|-------|--|
| 143 | P20ENG | 001 | 0158 | TO WHICH ETHNIC OR CULTURAL GROUP DO YOU OR DID YOUR ANCESTORS BELONG? WOULD IT BE ENGLISH? 1 YES 2 NO 8 DON'T KNOW 9 NOT STATED | 5440/2826 14215/6199 230/ 151 362/ 162 | | SEE P20FRE FOR ADDITIONAL INFORMATION. |
| 144 | P20IRI | 001 | 0159 | TO WHICH ETHNIC OR CULTURAL GROUP DO YOU OR DID YOUR ANCESTORS BELONG? WOULD IT BE IRISH? 1 YES 2 NO 8 DON'T KNOW 9 NOT STATED | 2709/1384 16947/7641 230/ 151 362/ 162 | | SEE P20FRE FOR ADDITIONAL INFORMATION. |
| 145 | P20SCO | 001 | 0160 | TO WHICH ETHNIC OR CULTURAL GROUP DO YOU OR DID YOUR ANCESTORS BELONG? WOULD IT BE SCOTTISH? 1 YES 2 NO 8 DON'T KNOW 9 NOT STATED | 2958/1497 16697/7528 230/ 151 362/ 162 | | SEE P20FRE FOR ADDITIONAL INFORMATION. |
| 146 | P20GER | 001 | 0161 | TO WHICH ETHNIC OR CULTURAL GROUP DO YOU OR DID YOUR ANCESTORS BELONG? WOULD IT BE GERMAN? 1 YES 2 NO 8 DON'T KNOW 9 NOT STATED | 1795/ 916 17860/8109 230/ 151 362/ 162 | | SEE P20FRE FOR ADDITIONAL INFORMATION. |
| 147 | P20ITA | 001 | 0162 | TO WHICH ETHNIC OR CULTURAL GROUP DO YOU OR DID YOUR ANCESTORS BELONG? WOULD IT BE ITALIAN? 1 YES 2 NO 8 DON'T KNOW 9 NOT STATED | 799/ 215 18857/8810 230/ 151 362/ 162 | | SEE P20FRE FOR ADDITIONAL INFORMATION. |

| FIELD | ACRONYM | LENGTH | POSITION | QUESTION & VARIABLE DESCRIPTIONS | POP. EST./SAMPLE ('000) | COUNT | COMMENTS |
|-------|---------|--------|----------|---|-------------------------|---|--|
| 148 | P20UKR | 001 | 0163 | TO WHICH ETHNIC OR CULTURAL GROUP DO YOU OR DID YOUR ANCESTORS BELONG? WOULD IT BE UKRAINIAN? 1 YES 2 NO 8 DON'T KNOW 9 NOT STATED | | 710/ 404 18945/8621 230/ 151 362/ 162 | SEE P20FRE FOR ADDITIONAL INFORMATION. |
| 149 | P22 | 002 | 164-165 | WHAT IS THE HIGHEST LEVEL OF EDUCATION YOUR SPOUSE ATTAINED? 01 MASTERS OR EARNED DOCTORATE 02 BACHELOR OR UNDERGRADUATE DEGREE, OR TEACHER'S COLLEGE 03 DIPLOMA OR CERTIFICATE FROM COMMUNITY COLLEGE, CECEP 04 DIPLOMA OR CERTIFICATE FROM TRADE, TECHNICAL OR SOME UNIVERSITY 05 SOME COMMUNITY COLLEGE, CECEP OR NURSING SCHOOL 06 SOME COMMUNITY COLLEGE, CECEP OR NURSING SCHOOL 07 SOME TRADE, TECHNICAL OR VOCATIONAL SCHOOL, OR SECONDARY/HIGH SCHOOL GRADUATION 08 SECONDARY/HIGH SCHOOL 09 SOME SECONDARY/HIGH SCHOOL 10 ELEMENTARY SCHOOL (SOME OR COMPLETED) 11 OTHER 97 NOT APPLICABLE 99 NOT STATED | | 446/ 170 1508/ 597 548/ 222 614/ 297 437/ 205 484/ 164 442/ 199 3558/1557 2882/1252 1355/ 540 32/ 21 7505/3951 436/ 163 | |
| 150 | P23 | 001 | 0166 | DURING 1988, WHAT BEST DESCRIBES YOUR SPOUSE'S MAIN ACTIVITY? WAS YOUR SPOUSE MAINLY... 0 NOT APPLICABLE 1 WORKING AT A JOB OR BUSINESS 2 LOOKING FOR WORK 3 A STUDENT 4 KEEPING HOUSE 5 RETIRED 6 OTHER 9 NOT STATED | | 7505/3951 8107/3509 153/ 82 175/ 74 2435/ 993 1448/ 567 145/ 62 281/ 100 | MAIN ACTIVITY REFERS TO THAT ACTIVITY WHERE THE RESPONDENT'S SPOUSE SPENDS MOST OF HIS/HER TIME. |

| FIELD | ACRONYM | LENGTH | POSITION | QUESTION & VARIABLE DESCRIPTIONS | POP. EST./SAMPLE COUNT ('000) | COMMENTS |
|-------|---------|--------|----------|--|--|----------|
| 151 | P24 | 001 | 0167 | DID YOUR SPOUSE HAVE A JOB OR WAS HE/SHE SELF-EMPLOYED AT ANY TIME DURING 1988? 0 NOT APPLICABLE 1 YES 2 NO 9 NOT STATED | 15611/7460 690/ 330 3677/1455 269/ 93 | |
| 152 | P25 | 002 | 168-169 | FOR HOW MANY WEEKS DURING 1988 DID YOUR SPOUSE DO ANY WORK AT A JOB OR BUSINESS? 00:52 WEEKS 97 NOT APPLICABLE 99 NOT STATED | 8681/3771 11182/5406 385/ 161 | |
| 153 | P26A | 001 | 0170 | DURING 1988, DID YOU PERSONALLY RECEIVE INCOME FROM WAGES, SALARY OR SELF-EMPLOYMENT? 1 YES 2 NO 9 NOT STATED | 14474/6552 5333/2621 442/ 165 | |
| 154 | P26B | 001 | 0171 | DURING 1988, DID YOU PERSONALLY RECEIVE INCOME FROM GOVERNMENT, SUCH AS FAMILY ALLOWANCE, UNEMPLOYMENT INSURANCE, SOCIAL ASSISTANCE, CANADA OR QUEBEC PENSION PLAN OR OLD AGE SECURITY? 1 YES 2 NO 9 NOT STATED | 9568/4928 10136/4213 544/ 197 | |
| 155 | P26C | 001 | 0172 | DURING 1988, DID YOU PERSONALLY RECEIVE INCOME FROM INTEREST, DIVIDENDS, INVESTMENTS OR PRIVATE PENSIONS? 1 YES 2 NO 9 NOT STATED | 6096/2829 13580/6284 571/ 225 | |

| FIELD | ACRONYM | LENGTH | POSITION | QUESTION & VARIABLE DESCRIPTIONS | POP. EST./SAMPLE ('000) | COUNT | COMMENTS |
|-------|---------|--------|----------|---|------------------------------|------------|----------|
| 156 | P26D | 001 | 0173 | DURING 1988, DID YOU PERSONALLY RECEIVE INCOME FROM ANY OTHER SOURCES, SUCH AS ALIMONY, SCHOLARSHIPS, ETC.? | | | |
| | | | | 1 YES | | 958/ 486 | |
| | | | | 2 NO | | 18657/8610 | |
| | | | | 9 NOT STATED | | 633/ 242 | |
| 157 | P27A | 001 | 0174 | FOR 1988, WITH YOUR BEST ESTIMATE OF YOUR TOTAL PERSONAL INCOME FROM ALL SOURCES, INCLUDING THOSE MENTIONED IN P26, DID YOU HAVE... | | | |
| | | | | 1 INCOME | | 15125/7063 | |
| | | | | 2 NO INCOME | | 935/ 370 | |
| | | | | 3 DON'T KNOW | | 2834/1314 | |
| | | | | 9 NOT STATED | | 1354/ 591 | |
| 158 | P28A | 002 | 175-176 | WHAT IS YOUR BEST ESTIMATE OF THE TOTAL INCOME OF ALL HOUSEHOLD MEMBERS FROM ALL SOURCES IN 1988? WAS THE TOTAL HOUSEHOLD INCOME... | | | |
| | | | | 02 LESS THAN \$20,000 | | 3460/2093 | |
| | | | | 03 \$20,000 AND MORE | | 12236/5426 | |
| | | | | 04 NO INCOME | | 22/ 13 | |
| | | | | 05 DON'T KNOW | | 3341/1302 | |
| | | | | 99 NOT STATED | | 1189/ 504 | |
| 159 | P28B | 002 | 177-178 | WHAT IS YOUR BEST ESTIMATE OF THE TOTAL INCOME OF ALL HOUSEHOLD MEMBERS FROM ALL SOURCES IN 1988? WAS THE TOTAL HOUSEHOLD INCOME... | | | |
| | | | | 06 LESS THAN \$10,000 | | 883/ 643 | |
| | | | | 07 \$10,000 TO \$19,999 | | 2557/1437 | |
| | | | | 08 \$20,000 TO \$39,999 | | 5283/2603 | |
| | | | | 09 \$40,000 AND MORE | | 6873/2777 | |
| | | | | 97 NOT APPLICABLE | | 22/ 13 | |
| | | | | 98 DON'T KNOW | | 3341/1302 | |
| | | | | 99 NOT STATED | | 1289/ 563 | |

| FIELD | ACRONYM | LENGTH | POSITION | QUESTION & VARIABLE DESCRIPTIONS | POP. EST. ('000) | SAMPLE COUNT | COMMENTS |
|-------|---------|--------|----------|---|------------------|--------------|--|
| 160 | P28C | 002 | 179-180 | WHAT IS YOUR BEST ESTIMATE OF THE TOTAL INCOME OF ALL HOUSEHOLD MEMBERS FROM ALL SOURCES IN 1988? WAS THE TOTAL HOUSEHOLD INCOME... | | | |
| | | | 10 | LESS THAN \$5,000 | | 101/ 79 | |
| | | | 11 | \$5,000 TO \$9,999 | | 781/ 562 | |
| | | | 12 | \$10,000 TO \$14,999 | | 1204/ 705 | |
| | | | 13 | \$15,000 TO \$19,999 | | 1331/ 715 | |
| | | | 14 | \$20,000 TO \$29,999 | | 2367/1258 | |
| | | | 15 | \$30,000 TO \$39,999 | | 2889/1330 | |
| | | | 16 | \$40,000 TO \$59,999 | | 3860/1649 | |
| | | | 17 | \$60,000 TO \$79,999 | | 1695/ 656 | |
| | | | 18 | \$80,000 AND MORE | | 1252/ 443 | |
| | | | 97 | NOT APPLICABLE | | 22/ 13 | |
| | | | 98 | DON'T KNOW | | 3341/1302 | |
| | | | 99 | NOT STATED | | 1405/ 626 | |
| 161 | PNEIGHT | 009 | 181-189 | WEIGHT | | | THE VALUE OF THE WEIGHT IS STORED WITH AN IMPLIED DECIMAL POINT AFTER THE FIFTH DIGIT (I.E. EACH VALUE HAS FOUR DECIMAL PLACES). ON AVERAGE, EACH RESPONDENT REPRESENTS 2,168 CANADIANS. |
| 162 | A5A_A7A | 001 | 0190 | IN HIGH SCHOOL, DID YOU TAKE A COURSE IN MATHEMATICS? | | | THE FIELDS A5A AND A7A WERE COMBINED TO FORM THIS NEW VARIABLE. |
| | | | 0 | NOT APPLICABLE | | 3235/1588 | |
| | | | 1 | YES | | 16373/7417 | |
| | | | 2 | NO | | 609/ 317 | |
| | | | 9 | NOT STATED | | 30/ 16 | |
| 163 | A5B_A7B | 001 | 0191 | IN HIGH SCHOOL, DID YOU TAKE A COURSE IN CHEMISTRY? | | | THE FIELDS A5B AND A7B WERE COMBINED TO FORM THIS NEW VARIABLE. |
| | | | 0 | NOT APPLICABLE | | 3235/1588 | |
| | | | 1 | YES | | 9876/4313 | |
| | | | 2 | NO | | 7094/3415 | |
| | | | 9 | NOT STATED | | 44/ 22 | |

| FIELD | ACRONYM | LENGTH | POSITION | QUESTION & VARIABLE DESCRIPTIONS | POP. EST./SAMPLE ('000) | COUNT | COMMENTS |
|-------|---------|--------|----------|--|---|-------|--|
| 164 | A5C_A7C | 001 | 0192 | IN HIGH SCHOOL, DID YOU TAKE A COURSE IN GEOGRAPHY? 0 NOT APPLICABLE 1 YES 2 NO 9 NOT STATED | 3235/1588 14587/6444 2383/1280 43/ 26 | | THE FIELDS A5C AND A7C WERE COMBINED TO FORM THIS NEW VARIABLE. |
| 165 | A5D_A7D | 001 | 0193 | IN HIGH SCHOOL, DID YOU TAKE A COURSE IN PHYSICS? 0 NOT APPLICABLE 1 YES 2 NO 9 NOT STATED | 3235/1588 9305/3970 7670/3758 38/ 22 | | THE FIELDS A5D AND A7D WERE COMBINED TO FORM THIS NEW VARIABLE. |
| 166 | A6_A8 | 001 | 0194 | HAVE YOU HAD ANY FURTHER SCHOOLING BEYOND ELEMENTARY/HIGH SCHOOL? 0 NOT APPLICABLE 1 YES 2 NO 9 NOT STATED | 70/ 51 9646/4481 10527/4804 4/ 2 | | THE FIELDS A6 AND A8 WERE COMBINED TO FORM THIS NEW VARIABLE. |
| 167 | G4_G26 | 001 | 0195 | DID YOU DO ANY WORK AT A JOB OR BUSINESS LAST WEEK? 0 NOT APPLICABLE 1 YES 2 NO 9 NOT STATED | 10816/4844 1339/ 560 8051/3920 42/ 14 | | THE FIELDS G4 AND G26 WERE COMBINED TO FORM THIS NEW VARIABLE. |
| 168 | G5_G28 | 001 | 0196 | DID YOU LOOK FOR A JOB IN THE LAST FOUR WEEKS? 0 NOT APPLICABLE 1 YES 2 NO 9 NOT STATED | 12740/5713 1112/ 538 6354/3073 42/ 14 | | THE FIELDS G5 AND G28 WERE COMBINED TO FORM THIS NEW VARIABLE. |
| 169 | G6_G30 | 001 | 0197 | DURING LAST WEEK, WHAT BEST DESCRIBES YOUR MAIN ACTIVITY WHERE YOU MAINLY A STUDENT, KEEPING HOUSE, RETIRED, OR OTHER? 0 NOT APPLICABLE 3 STUDENT 4 KEEPING HOUSE 5 RETIRED 6 OTHER | 13910/6294 1178/ 444 2550/1326 2305/1134 263/ 126 | | THE FIELDS G6 AND G30 WERE COMBINED TO FORM THIS NEW VARIABLE. MAIN ACTIVITY REFERS TO THAT ACTIVITY THE RESPONDENT SPENDS MOST OF HIS/HER TIME. |

| FIELD | ACRONYM | LENGTH | POSITION | QUESTION & VARIABLE DESCRIPTIONS | POP. EST./SAMPLE ('000) | COUNT | COMMENTS |
|-------|----------|--------|----------|---|---|--------|--|
| 169 | G6_G30 | 001 | 0197 | 9 NOT STATED | | 42/ 14 | |
| 170 | G22A_H2A | 002 | 198-199 | HOW MANY HOURS PER WEEK DO YOU USUALLY WORK AT YOUR (MAIN) JOB? 00:96 HOURS PER WEEK 97 NOT APPLICABLE 99 NOT STATED | 12632/5653 7531/3647 85/ 38 | | THE FIELDS G22A AND H2A WERE COMBINED TO FORM THIS NEW VARIABLE. |
| 171 | G22B_H2B | 002 | 200-201 | HOW MANY HOURS PER WEEK DO YOU USUALLY WORK AT YOUR OTHER JOBS? 00:50 HOURS PER WEEK 97 NOT APPLICABLE 99 NOT STATED | 500/ 229 19559/9043 189/ 66 | | THE FIELDS G22B AND H2B WERE COMBINED TO FORM THIS NEW VARIABLE. |
| 172 | G24_H4_A | 001 | 0202 | WHY DO YOU WORK LESS THAN 30 HOURS PER WEEK? BECAUSE OF YOUR OWN ILLNESS OR DISABILITY? 0 NOT APPLICABLE 1 YES 2 NO 9 NOT STATED | 18201/8488 26/ 15 1955/ 812 66/ 23 | | THE FIELDS G24A AND H4A WERE COMBINED TO FORM THIS NEW VARIABLE. |
| 173 | G24_H4_B | 001 | 0203 | WHY DO YOU WORK LESS THAN 30 HOURS PER WEEK? BECAUSE OF PERSONAL OR FAMILY RESPONSIBILITIES? 0 NOT APPLICABLE 1 YES 2 NO 9 NOT STATED | 18201/8488 278/ 134 1703/ 693 66/ 23 | | THE FIELDS G24B AND H4B WERE COMBINED TO FORM THIS NEW VARIABLE. |
| 174 | G24_H4_C | 001 | 0204 | WHY DO YOU WORK LESS THAN 30 HOURS PER WEEK? BECAUSE YOU GO TO SCHOOL? 0 NOT APPLICABLE 1 YES 2 NO 9 NOT STATED | 18201/8488 680/ 230 1301/ 597 66/ 23 | | THE FIELDS G24C AND H4C WERE COMBINED TO FORM THIS NEW VARIABLE. |

| FIELD | ACRONYM | LENGTH | POSITION | QUESTION & VARIABLE DESCRIPTIONS | POP. EST./SAMPLE ('000) | COUNT | COMMENTS |
|-------|----------|--------|----------|--|---|-------|--|
| 175 | G24_H4_D | 001 | 0205 | WHY DO YOU WORK LESS THAN 30 HOURS PER WEEK? BECAUSE YOU COULD ONLY FIND PART-TIME WORK? 0 NOT APPLICABLE 1 YES 2 NO 9 NOT STATED | 18201/8488 300/ 148 1681/ 679 66/ 23 | | THE FIELDS G24D AND H4D WERE COMBINED TO FORM THIS NEW VARIABLE. |
| 176 | G24_H4_E | 001 | 0206 | WHY DO YOU WORK LESS THAN 30 HOURS PER WEEK? BECAUSE YOU DID NOT WANT FULL-TIME WORK? 0 NOT APPLICABLE 1 YES 2 NO 9 NOT STATED | 18201/8488 468/ 196 1513/ 631 66/ 23 | | THE FIELDS G24E AND H4E WERE COMBINED TO FORM THIS NEW VARIABLE. |
| 177 | G24_H4_F | 001 | 0207 | WHY DO YOU WORK LESS THAN 30 HOURS PER WEEK? BECAUSE THE FULL-TIME WORK AT THIS JOB IS UNDER 30 HOURS PER WEEK? 0 NOT APPLICABLE 1 YES 2 NO 9 NOT STATED | 18201/8488 139/ 62 1841/ 765 66/ 23 | | THE FIELDS G24F AND H4F WERE COMBINED TO FORM THIS NEW VARIABLE. |
| 178 | G24_H4_G | 001 | 0208 | WHY DO YOU WORK LESS THAN 30 HOURS PER WEEK? BECAUSE OF ANOTHER REASON? 0 NOT APPLICABLE 1 YES 2 NO 9 NOT STATED | 18201/8488 107/ 60 1874/ 767 66/ 23 | | THE FIELDS G24G AND H4G WERE COMBINED TO FORM THIS NEW VARIABLE. |
| 179 | H15_H21 | 001 | 0209 | DO YOU DIRECTLY SUPERVISE ANY PEOPLE? 0 NOT APPLICABLE 1 YES 2 NO 9 NOT STATED | 7531/3647 4116/1906 8512/3756 90/ 29 | | THE FIELDS H15 AND H21 WERE COMBINED TO FORM THIS NEW VARIABLE. |

| FIELD | ACRONYM | LENGTH | POSITION | QUESTION & VARIABLE DESCRIPTIONS | POP. EST./SAMPLE COUNT ('000) | COMMENTS |
|-------|----------|--------|----------|--|---|--|
| 180 | H17_H23 | 001 | 0210 | HOW MUCH OF YOUR WORKING TIME DO YOU SPEND SUPERVISING OTHERS? WOULD YOU SAY LESS THAN A QUARTER, BETWEEN A QUARTER AND A HALF OR MORE THAN A HALF? 0 NOT APPLICABLE 1 LESS THAN A QUARTER 2 BETWEEN A QUARTER AND A HALF 3 MORE THAN A HALF 9 NOT STATED | 16042/7403 2056/ 943 1131/ 504 920/ 456 98/ 32 | THE FIELDS H17 AND H23 WERE COMBINED TO FORM THIS NEW VARIABLE. |
| 181 | H18_H24 | 001 | 0211 | IN TOTAL, ABOUT HOW MANY PEOPLE WORK IN YOUR BUSINESS/COMPANY AT ALL ITS LOCATIONS? 0 NOT APPLICABLE 1 LESS THAN 20 2 BETWEEN 20 AND 99 3 BETWEEN 100 AND 499 4 MORE THAN 500 PEOPLE 9 NOT STATED | 7531/3647 3840/1787 2235/ 957 1848/ 842 4583/2020 210/ 85 | THE FIELDS H18 AND H24 WERE COMBINED TO FORM THIS NEW VARIABLE. |
| 182 | K33_L25 | 001 | 0212 | DID YOU LOOK FOR WORK IN ANY OF THE REMAINING MONTHS? 0 NOT APPLICABLE 1 YES 2 NO 9 NOT STATED | 17076/7830 995/ 537 2037/ 919 139/ 52 | THE FIELDS K33 AND L25 WERE COMBINED TO FORM THIS NEW VARIABLE. |
| 183 | ACT_1984 | 001 | 0213 | DURING 1984, WHAT DESCRIBES YOUR MAIN ACTIVITY? WERE YOU MAINLY WORKING AT A JOB OR BUSINESS, LOOKING FOR WORK, A STUDENT, KEEPING HOUSE, RETIRED, OR OTHER? 1 WORKING AT A JOB OR BUSINESS 2 LOOKING FOR WORK 3 A STUDENT 4 KEEPING HOUSE 5 RETIRED 6 OTHER 9 NOT STATED | 11036/5175 362/ 172 3788/1425 2854/1511 1660/ 828 267/ 117 281/ 110 | THE FIELDS H45, K19, K37 AND L8 WERE COMBINED TO FORM THIS NEW VARIABLE. MAIN ACTIVITY REFERS TO THAT ACTIVITY WHERE RESPONDENT SPENDS MOST OF HIS/HER TIME. |

| FIELD | ACRONYM | LENGTH | POSITION | QUESTION & VARIABLE DESCRIPTIONS | POP. EST./SAMPLE COUNT ('000) | COMMENTS |
|-------|----------|--------|----------|--|--|---|
| 184 | JOB_1984 | 001 | 0214 | DID YOU HAVE A JOB OR WERE YOU SELF-EMPLOYED AT ANY TIME DURING 1984? 0 NOT APPLICABLE 1 YES 2 NO 9 NOT STATED | 12689/6013 1764/ 787 5596/2468 198/ 70 | THE FIELDS H46, K20 AND L9 WERE COMBINED TO FORM THIS NEW VARIABLE |
| 185 | RELAT_84 | 001 | 0215 | HOW CLOSELY WAS THAT JOB RELATED TO YOUR EDUCATION AT THAT TIME? WAS IT CLOSELY RELATED, SOMEWHAT RELATED, OR NOT RELATED AT ALL? 0 NOT APPLICABLE 1 CLOSELY RELATED 2 SOMEWHAT RELATED 3 NOT RELATED AT ALL 9 NOT STATED | 6336/2902 4246/2036 2496/1239 6788/3010 382/ 151 | THE FIELDS H50, K28 AND L19 WERE COMBINED TO FORM THIS NEW VARIABLE. |
| 186 | JOB_LOSS | 001 | 0216 | DID YOU LOSE A JOB BETWEEN JANUARY 1984 AND DECEMBER 1988 FOR ANY REASON? 0 NOT APPLICABLE 1 YES 2 NO 9 NOT STATED | 4197/2052 2436/1195 13326/5996 290/ 95 | THE FIELDS H51, K29 AND L21 WERE COMBINED TO FORM THIS NEW VARIABLE. |
| 187 | JB_LOS_A | 001 | 0217 | DID YOU LOSE A JOB BETWEEN JANUARY 1984 AND DECEMBER 1988 BECAUSE OF AN EMPLOYER GOING OUT OF BUSINESS? 0 NOT APPLICABLE 1 YES 2 NO 9 NOT STATED | 17523/8048 332/ 165 2086/1021 307/ 104 | THE FIELDS H52A, K30A AND L22A WERE COMBINED TO FORM THIS NEW VARIABLE. |
| 188 | JB_LOS_B | 001 | 0218 | DID YOU LOSE A JOB BETWEEN JANUARY 1984 AND DECEMBER 1988 BECAUSE OF A PLANT CLOSING OR MOVING? 0 NOT APPLICABLE 1 YES 2 NO 9 NOT STATED | 17523/8048 172/ 67 2246/1119 307/ 104 | THE FIELDS H52B, K30B AND L22B WERE COMBINED TO FORM THIS NEW VARIABLE. |

| FIELD | ACRONYM | LENGTH | POSITION | QUESTION & VARIABLE DESCRIPTIONS | POP. EST./SAMPLE ('000) | COUNT | COMMENTS |
|-------|----------|--------|----------|---|---|-------|---|
| 189 | JB_LOS_C | 001 | 0219 | DID YOU LOSE A JOB BETWEEN JANUARY 1984 AND DECEMBER 1988 BECAUSE OF THE INTRODUCTION OF NEW TECHNOLOGY? 0 NOT APPLICABLE 1 YES 2 NO 9 NOT STATED | 17523/8048 21/ 11 2397/1175 307/ 104 | | THE FIELDS H52C, K30C AND L22C WERE COMBINED TO FORM THIS NEW VARIABLE. |
| 190 | JB_LOS_D | 001 | 0220 | DID YOU LOSE A JOB BETWEEN JANUARY 1984 AND DECEMBER 1988 BECAUSE OF A REDUCTION OF STAFF? 0 NOT APPLICABLE 1 YES 2 NO 9 NOT STATED | 17523/8048 384/ 165 2034/1021 307/ 104 | | THE FIELDS H52D, K30D AND L22D WERE COMBINED TO FORM THIS NEW VARIABLE. |
| 191 | JB_LOS_E | 001 | 0221 | DID YOU LOSE A JOB BETWEEN JANUARY 1984 AND DECEMBER 1988 BECAUSE IT WAS A SEASONAL JOB? 0 NOT APPLICABLE 1 YES 2 NO 9 NOT STATED | 17523/8048 452/ 217 1966/ 969 307/ 104 | | THE FIELDS H52E, K30E AND L22E WERE COMBINED TO FORM THIS NEW VARIABLE. |
| 192 | JB_LOS_F | 001 | 0222 | DID YOU LOSE A JOB BETWEEN JANUARY 1984 AND DECEMBER 1988 BECAUSE OF A SHORTAGE OF WORK? 0 NOT APPLICABLE 1 YES 2 NO 9 NOT STATED | 17523/8048 660/ 312 1758/ 874 307/ 104 | | THE FIELDS H52F, K30F AND L22F WERE COMBINED TO FORM THIS NEW VARIABLE. |
| 193 | JB_LOS_G | 001 | 0223 | DID YOU LOSE A JOB BETWEEN JANUARY 1984 AND DECEMBER 1988 BECAUSE OF ANOTHER REASON? 0 NOT APPLICABLE 1 YES 2 NO 9 NOT STATED | 17523/8048 718/ 366 1700/ 820 307/ 104 | | THE FIELDS H52G, K30G AND L22G WERE COMBINED TO FORM THIS NEW VARIABLE. |

| FIELD | ACRONYM | LENGTH | POSITION | QUESTION & VARIABLE DESCRIPTIONS | POP. EST./SAMPLE ('000) | COUNT | COMMENTS |
|-------|----------|--------|----------|---|-------------------------|---|---|
| 194 | TIME_MRK | 002 | 224-225 | THERE WERE 60 MONTHS BETWEEN JANUARY 1984 AND DECEMBER 1988. IN HOW MANY OF THOSE MONTHS WERE YOU WORKING AT A JOB OR BUSINESS? 00:60 MONTHS 97 NOT APPLICABLE 99 NOT STATED | | 15616/7102 4197/2052 435/ 184 | THE FIELDS H54, K32 AND L24 WERE COMBINED TO FORM THIS NEW VARIABLE. |
| 195 | LOOK_MRK | 002 | 226-227 | IN HOW MANY OF THE REMAINING MONTHS DID YOU LOOK FOR WORK? 00:60 MONTHS 97 NOT APPLICABLE 99 NOT STATED | | 5986/2820 13823/6336 438/ 182 | THE FIELDS H55, K34 AND L26 WERE COMBINED TO FORM THIS NEW VARIABLE. |
| 196 | AGE_RTRE | 002 | 228-229 | AT WHAT AGE DO YOU PLAN TO RETIRE? 11 DON'T KNOW 22 DON'T INTEND TO RETIRE 29:95 PLANNED RETIREMENT AGE 97 NOT APPLICABLE 99 NOT STATED | | 5918/2660 1075/ 467 8958/4104 4063/2021 234/ 86 | THE FIELDS H57 AND L28 WERE COMBINED TO FORM THIS NEW VARIABLE. |
| 197 | MAN_RTRE | 001 | 0230 | DO YOU THINK MANDATORY RETIREMENT IS A GOOD IDEA? 1 YES 2 NO 9 NOT STATED | | 7188/3424 12582/5692 478/ 222 | THE FIELDS H58A, K15A, K36A AND L29A WERE COMBINED TO FORM THIS NEW VARIABLE. |
| 198 | J84_D88 | 001 | 0231 | BETWEEN JANUARY 1984 AND DECEMBER 1988, DID YOU DO ANY WORK AT A JOB OR BUSINESS? 0 NOT APPLICABLE 1 YES 2 NO 9 NOT STATED | | 14540/6639 1501/ 673 4097/1985 109/ 41 | THE FIELDS K17, K21 AND L10 WERE COMBINED TO FORM THIS NEW VARIABLE. |
| 199 | LOOK_J_D | 001 | 0232 | DID YOU LOOK FOR WORK IN ANY MONTH BETWEEN JANUARY 1984 AND DECEMBER 1988? 0 NOT APPLICABLE 1 YES 2 NO 9 NOT STATED | | 15960/7248 161/ 67 3979/1960 148/ 63 | THE FIELDS K22, K38 AND L11 WERE COMBINED TO FORM THIS NEW VARIABLE. |

| FIELD | ACRONYM | LENGTH | POSITION | QUESTION & VARIABLE DESCRIPTIONS ('000) | COUNT | POP. EST./SAMPLE | COMMENTS |
|-------|----------|--------|----------|--|--|--|----------|
| 200 | MON_LOOK | 002 | 233-234 | THERE WERE 60 MONTHS BETWEEN JANUARY 1984 AND DECEMBER 1988. IN HOW MANY OF THOSE MONTHS DID YOU LOOK FOR WORK? 00:60 MONTHS 97 NOT APPLICABLE 99 NOT STATED | 163/ 67 19921/9205 164/ 66 | | |
| 201 | DVMS | 001 | 0235 | DERIVED VARIABLE - MARITAL STATUS OF SELECTED PERSON 1 MARRIED OR LIVING COMMON LAW 2 SINGLE (NEVER BEEN MARRIED) 3 WIDOW OR WIDOWER 4 SEPARATED OR DIVORCED 9 NOT STATED | 12740/5385 5270/2391 1150/ 798 1085/ 762 3/ 2 | | |
| 202 | DVSEX | 001 | 0236 | DERIVED VARIABLE - SEX OF THE RESPONDENT. 1 MALE 2 FEMALE | 9903/4203 10345/5135 | | |
| 203 | PROV | 001 | 0237 | DERIVED VARIABLE - PROVINCE OF RESIDENCE 0 NEWFOUNDLAND 1 PRINCE EDWARD ISLAND 2 NOVA SCOTIA 3 NEM BRUNSMICK 4 QUEBEC 5 ONTARIO 6 MANITOBA 7 SASKATCHEMAN 8 ALBERTA 9 BRITISH COLUMBIA | 427/ 546 98/ 249 690/ 658 551/ 607 5231/1722 7469/2014 829/ 727 749/ 678 1823/1010 2381/1127 | | |
| 204 | DVAGEGR | 002 | 238-239 | DERIVED VARIABLE - RESPONDENT'S AGE GROUP 01 15-19 02 20-24 03 25-29 04 30-34 05 35-39 06 40-44 07 45-49 08 50-54 09 55-59 10 60-64 | 1860/ 638 2053/ 838 2361/1222 2305/1248 2084/1082 1850/ 769 1464/ 608 1231/ 500 1198/ 541 1125/ 523 | THE FIELDS K23, K39 AND L12 WERE COMBINED TO FORM THIS NEW VARIABLE. | |

GSS CYCLE 4 MICRODATA FILE DICTIONARY

| FIELD | ACRONYM | LENGTH | POSITION | QUESTION & VARIABLE DESCRIPTIONS | POP. EST./SAMPLE COUNT ('000) | SAMPLE COUNT | COMMENTS |
|-------|----------|--------|----------|---|--|-------------------|-------------------------------------|
| 204 | DVAGEGR | 002 | 238-239 | 11 65-69 12 70-74 13 75-79 14 80 AND OVER | 999/ 475 829/ 391 473/ 272 415/ 231 | | |
| 205 | DVIMMIG | 001 | 0240 | DERIVED VARIABLE - IN WHAT YEAR DID YOU FIRST IMMIGRATE TO CANADA? 0 NOT APPLICABLE 1 BEFORE 1946 2 1946 - 1966 3 1967 - 1971 4 1972 - 1976 5 1977 - 1981 6 1982 - 1986 7 1987 - 1989 8 CANADIAN CITIZEN BY BIRTH/BORN OUTSIDE OF CANADA 9 NOT STATED | 16366/7911 328/ 159 1407/ 485 519/ 184 546/ 186 314/ 115 283/ 98 141/ 44 25/ 14 | FROM QUESTION P14 | |
| 206 | DVBORN | 001 | 0241 | DERIVED VARIABLE - PLACE OF RESIDENCE AT BIRTH 1 SAME PROVINCE 2 DIFFERENT PROVINCE 3 OUTSIDE CANADA 9 NOT STATED | 13451/6362 2941/1563 3635/1326 221/ 87 | | FROM QUESTION P13 |
| 207 | DVLVGAR1 | 002 | 242-243 | DERIVED VARIABLE - THE LIVING ARRANGEMENT OF THE RESPONDENT'S HOUSEHOLD. 00 OTHER 01 LIVING W/ SPOUSE & CHILDREN AGE < 25 02 LIVING W/ SPOUSE & M/O CHILDREN AGE < 25 03 LONE PARENT W/ CHILDREN AGE < 25 04 LONE PARENT W/ CHILDREN AGE = OR > 25 05 SINGLE CHILD OF AGE < 25 LIVING W/ BOTH PARENTS 06 SINGLE CHILD OF AGE < 25 LIVING W/ LONE PARENT 07 SINGLE CHILD OF AGE GE 25 LIVING W/ PARENT(S) 08 LONE PERSON LIVING W/ SIBLING ONLY | 297/ 107 6453/2789 6156/2539 656/ 461 161/ 65 2081/ 596 493/ 189 434/ 146 274/ 113 | | FROM THE SELECTION CONTROL FORM 4-1 |

FIELD ACRONYM LENGTH POSITION QUESTION & VARIABLE DESCRIPTIONS POP. EST./SAMPLE
 ('000) COUNT COMMENTS

| | | | | | | |
|-----|----------|-----|---------|---|-------------------------------|-----------|
| 207 | DVLVGAR1 | 002 | 242-243 | 09 | LIVING WITH NON-RELATIVE ONLY | 793/ 317 |
| | | | | 10 | LIVING ALONE | 2447/2016 |
| 208 | DVHHLDSZ | 001 | 0244 | DERIVED VARIABLE - HOUSEHOLD SIZE OF RESPONDENT | | |
| | | | | 1 | ONE PERSON | 2447/2016 |
| | | | | 2 | TWO PERSONS | 6768/3055 |
| | | | | 3 | THREE PERSONS | 3916/1619 |
| | | | | 4 | FOUR PERSONS | 4370/1698 |
| | | | | 5 | FIVE PERSONS | 1767/ 651 |
| | | | | 6 | SIX PERSONS | 680/ 213 |
| | | | | 7 | SEVEN PERSONS | 150/ 54 |
| | | | | 8 | EIGHT OR MORE PERSONS | 150/ 32 |

FROM SELECTION CONTROL FORM 4--1

| | | | | | | |
|-----|----------|-----|---------|--|----------------|-----------|
| 209 | DVAGR_SP | 002 | 245-246 | DERIVED VARIABLE - THE RESPONDENT'S SPOUSE'S AGE IN 5 YEAR AGE GROUPS. | | |
| | | | | 02 | 15-24 | 611/ 268 |
| | | | | 03 | 25-29 | 1430/ 689 |
| | | | | 04 | 30-34 | 1839/ 889 |
| | | | | 05 | 35-39 | 1658/ 761 |
| | | | | 06 | 40-44 | 1422/ 571 |
| | | | | 07 | 45-49 | 1139/ 413 |
| | | | | 08 | 50-54 | 985/ 371 |
| | | | | 09 | 55-59 | 940/ 352 |
| | | | | 10 | 60-64 | 868/ 343 |
| | | | | 11 | 65-69 | 777/ 290 |
| | | | | 12 | 70-74 | 393/ 159 |
| | | | | 13 | 75-79 | 304/ 116 |
| | | | | 14 | 80 AND OVER | 154/ 62 |
| | | | | 97 | NOT APPLICABLE | 7638/4010 |
| | | | | 99 | NOT STATED | 91/ 44 |

FROM THE SELECTION CONTROL FORM 4--1

| | | | | | | |
|-----|----------|-----|------|--|-----------------------|------------|
| 210 | DV_CHILD | 001 | 0247 | DERIVED VARIABLE - NUMBER OF RESPONDENT'S CHILDREN, LIVING AT HOME | | |
| | | | | 0 | NO CHILDREN | 12422/5862 |
| | | | | 1 | ONE CHILD | 3093/1401 |
| | | | | 2 | TWO CHILDREN | 3271/1435 |
| | | | | 3 | THREE CHILDREN | 1074/ 476 |
| | | | | 4 | FOUR CHILDREN | 335/ 132 |
| | | | | 5 | FIVE OR MORE CHILDREN | 53/ 32 |

FIELD ACRONYM LENGTH POSITION QUESTION & VARIABLE DESCRIPTIONS POP. EST./SAMPLE COUNT COMMENTS

| FIELD | ACRONYM | LENGTH | POSITION | QUESTION & VARIABLE DESCRIPTIONS | POP. EST./SAMPLE COUNT | COMMENTS |
|-------|----------|--------|----------|---|------------------------|-------------------------------------|
| 211 | DVCHD_AG | 001 | 0248 | DERIVED VARIABLE - AGE GROUP OF THE RESPONDENT'S CHILDREN IN THE HOUSEHOLD | | FROM THE SELECTION CONTROL FORM 4-1 |
| | | | 0 | NOT APPLICABLE | 12422/5862 | |
| | | | 1 | NO CHILDREN UNDER 19 IN THE HOUSEHOLD | 1313/ 389 | |
| | | | 2 | ALL CHILDREN UNDER 5 YEARS OF AGE | 1314/ 699 | |
| | | | 3 | ALL CHILDREN GE 5 AND LE 12 | 1351/ 741 | |
| | | | 4 | ALL CHILDREN GE 13 AND LE 18 | 1328/ 481 | |
| | | | 5 | AT LEAST ONE CHILD UNDER 5, BUT NOT ALL CHILDREN | 1005/ 564 | |
| | | | 6 | OTHER | 1412/ 556 | |
| | | | 9 | NOT STATED | 103/ 46 | |
| 212 | DVIND_B | 001 | 0249 | DERIVED VARIABLE - USED TO INDICATE IF A RESPONDENT HAS COMPLETED SECTION B OF THE QUESTIONNAIRE. | | |
| | | | 0 | THE RESPONDENT DID NOT COMPLETE SECTION B | 16982/8064 | |
| | | | 1 | THE RESPONDENT DID COMPLETE SECTION B | 3262/1272 | |
| | | | 9 | NOT STATED | 4/ 2 | |
| 213 | DVIND_C | 001 | 0250 | DERIVED VARIABLE - USED TO INDICATE IF A RESPONDENT HAS COMPLETED SECTION C OF THE QUESTIONNAIRE. | | |
| | | | 0 | THE RESPONDENT DID NOT COMPLETE SECTION C | 3332/1323 | |
| | | | 1 | THE RESPONDENT DID COMPLETE SECTION C | 16911/8013 | |
| | | | 9 | NOT STATED | 4/ 2 | |
| 214 | DVIND_D | 001 | 0251 | DERIVED VARIABLE - USED TO INDICATE IF A RESPONDENT HAS COMPLETED SECTION D. | | FROM QUESTIONS A3 AND D3 |
| | | | 0 | RESPONDENT DIDN'T COMPLETE BECAUSE HE/SHE HAD NO SCHOOLING | 70/ 51 | |
| | | | 1 | RESPONDENT DID COMPLETE & WAS LESS THEN 15 YEARS OLD | 9669/4201 | |
| | | | 2 | RESPONDENT DID COMPLETE & WAS AT LEAST 15 YEARS OLD | 10473/5071 | |
| | | | 8 | RESPONDENT COMPLETED/AGE BEFORE STARTING DIPLOMA NOT AVAIL. | 31/ 13 | |

| FIELD | ACRONYM | LENGTH | POSITION | QUESTION & VARIABLE DESCRIPTIONS | POP. EST./SAMPLE COUNT ('000) | COUNT | COMMENTS |
|-------|----------|--------|----------|---|--|--------|---|
| 214 | DVIND_D | 001 | 0251 | 9 NOT STATED | | 4/ 2 | |
| 215 | DVIN_HKL | 001 | 0252 | DERIVED VARIABLE - DETERMINES WHICH SECTION OF H, K OR L THE RESPONDENT COMPLETED ON THE 4-2 QUESTIONNAIRE 1 RESPONDENT IS CURRENTLY EMPLOYED (SECTION H) 2 RESPONDENT IS RETIRED (SECTION K) 3 RESPONDENT IS NOT CURRENTLY EMPLOYED (SECTION L) 9 NOT STATED | 12675/5677 2305/1134 5226/2513 | 42/ 14 | THE FIELDS A3, A6, A8, A11 AND A14 WERE USED TO DERIVE THIS FIELD |
| 216 | DVEDU_CH | 002 | 253-254 | DERIVED VARIABLE - THE RESPONDENT'S HIGHEST COMPLETED LEVEL OF EDUCATION. 10 MASTER'S OR EARNED DOCTORATE 20 BACHELOR OR UNDERGRADUATE DEGREE OR TEACHER'S COLLEGE DIPLOMA/CERT. FROM COMM. COLLEGE/CEGEP/NURSING SCHOOL 40 DIPLOMA/CERT. FROM TRADE/TECH./VOCAT. OR BUSINESS COL 50 SECONDARY SCHOOL DIPLOMA 60 LESS THAN HIGH SCHOOL 70 OTHER SCHOOLING 80 NO SCHOOLING 99 NOT STATED | 736/ 313 2096/1001 1477/ 621 2456/1301 | | |
| 217 | DVED_A15 | 002 | 255-256 | DERIVED VARIABLE - RESPONDENT'S MAJOR FIELD OF STUDY OR SPECIALIZATION FOR THEIR DEGREE, DIPLOMA OR CERTIFICATE WHICH THEY HAVE COMPLETED 01 EDUC, RECREATION & COUNSELLING SERVICES 02 FINE AND APPLIED ARTS 03 HUMANITIES AND RELATED FIELDS 04 SOCIAL SCIENCES AND RELATED FIELDS 05 COMMERCE, MANAGEMENT & BUSINESS ADMINISTRATION 06 AGRICULTURAL & BIOLOGICAL SCIENCES/TECHNOLOGIES | 5676/2502 7588/3478 144/ 69 70/ 51 4/ 2 662/ 359 377/ 163 562/ 249 637/ 293 1628/ 815 295/ 155 | | FROM QUESTION A15 |

| FIELD | ACRONYM | LENGTH | POSITION | QUESTION & VARIABLE DESCRIPTIONS | POP. EST./SAMPLE ('000) | COUNT | COMMENTS |
|-------|---------|--------|----------|----------------------------------|-------------------------|-------|----------|
|-------|---------|--------|----------|----------------------------------|-------------------------|-------|----------|

| | | | | | | | |
|-----|----------|-----|---------|--|--------|------|--|
| 217 | DVED_A15 | 002 | 255-256 | 07 ENGINEERING AND APPLIED SCIENCES | 333/ | 135 | |
| | | | | 08 ENGINEERING AND APPLIED SCIENCE TECHNOLOGIES/TRADES | 1142/ | 557 | |
| | | | | 09 HEALTH PROFESSIONS, SCIENCES AND TECHNOLOGIES | 749/ | 372 | |
| | | | | 10 MATHEMATICS AND PHYSICAL SCIENCES | 399/ | 151 | |
| | | | | 11 ALL OTHER N.E.C. | 72/ | 34 | |
| | | | | 97 NOT APPLICABLE | 13323/ | 6024 | |
| | | | | 99 NOT STATED | 68/ | 31 | |

FROM QUESTION B3

| | | | | | | | |
|-----|---------|-----|---------|--|--------|------|--|
| 218 | DVED_B3 | 002 | 257-258 | DERIVED VARIABLE - RESPONDENT'S MAJOR FIELD OF STUDY OR SPECIALIZATION FOR THEIR DEGREE, DIPLOMA OR CERTIFICATE WHICH THEY ARE CURRENTLY STUDING | | | |
| | | | | 01 EDUC, RECREATION & COUNSELLING SERVICES | 178/ | 82 | |
| | | | | 02 FINE AND APPLIED ARTS | 99/ | 36 | |
| | | | | 03 HUMANITIES AND RELATED FIELDS | 187/ | 78 | |
| | | | | 04 SOCIAL SCIENCES AND RELATED FIELDS | 271/ | 109 | |
| | | | | 05 COMMERCE, MANAGEMENT & BUSINESS ADMINISTRATION | 510/ | 210 | |
| | | | | 06 AGRICULTURAL & BIOLOGICAL SCIENCES/TECHNOLOGIES | 92/ | 34 | |
| | | | | 07 ENGINEERING AND APPLIED SCIENCES | 76/ | 30 | |
| | | | | 08 ENGINEERING AND APPLIED SCIENCE TECHNOLOGIES/TRADES | 226/ | 91 | |
| | | | | 09 HEALTH PROFESSIONS, SCIENCES AND TECHNOLOGIES | 119/ | 68 | |
| | | | | 10 MATHEMATICS AND PHYSICAL SCIENCES | 111/ | 44 | |
| | | | | 11 ALL OTHER N.E.C. | 61/ | 18 | |
| | | | | 97 NOT APPLICABLE | 18294/ | 8526 | |
| | | | | 99 NOT STATED | 25/ | 12 | |

| FIELD | ACRONYM | LENGTH | POSITION | QUESTION & VARIABLE DESCRIPTIONS | POP. EST./SAMPLE COUNT ('000) | COMMENTS |
|-------|----------|--------|----------|--|-------------------------------|------------------|
| 219 | DVED_E5 | 002 | 259-260 | DERIVED VARIABLE - RESPONDENT'S MAJOR FIELD OF STUDY OR SPECIALIZATION FOR THEIR DEGREE, DIPLOMA OR CERTIFICATE WHICH THEY EVENTUALLY WANT TO OBTAIN | | FROM QUESTION E5 |
| | | | | 01 EDUC, RECREATION & COUNSELLING SERVICES | 310/ 150 | |
| | | | | 02 FINE AND APPLIED ARTS | 180/ 68 | |
| | | | | 03 HUMANITIES AND RELATED FIELDS | 166/ 63 | |
| | | | | 04 SOCIAL SCIENCES AND RELATED FIELDS | 500/ 193 | |
| | | | | 05 COMMERCE, MANAGEMENT & BUSINESS ADMINISTRATION | 816/ 347 | |
| | | | | 06 AGRICULTURAL & BIOLOGICAL SCIENCES/TECHNOLOGIES | 112/ 49 | |
| | | | | 07 ENGINEERING AND APPLIED SCIENCES | 138/ 52 | |
| | | | | 08 ENGINEERING AND APPLIED SCIENCE TECHNOLOGIES/TRADES | 457/ 201 | |
| | | | | 09 HEALTH PROFESSIONS, SCIENCES AND TECHNOLOGIES | 290/ 130 | |
| | | | | 10 MATHEMATICS AND PHYSICAL SCIENCES | 195/ 75 | |
| | | | | 11 ALL OTHER N.E.C. | 97/ 39 | |
| | | | | 97 NOT APPLICABLE | 16741/7866 | |
| | | | | 99 NOT STATED | 247/ 105 | |
| 220 | DVSIC_C9 | 002 | 261-262 | DERIVED VARIABLE - TYPE OF INDUSTRY THE RESPONDENT WORKED IN AFTER LEAVING SCHOOL. | | FROM QUESTION C9 |
| | | | | 00 NOT APPLICABLE | 3956/1647 | |
| | | | | 01 AGRICULTURE | 1139/ 559 | |
| | | | | 02 OTHER PRIMARY | 438/ 253 | |
| | | | | 03 MANUFACTURING: NON-DURABLE GOODS | 1780/ 748 | |
| | | | | 04 MANUFACTURING: DURABLE GOODS | 1189/ 459 | |
| | | | | 05 CONSTRUCTION | 772/ 360 | |
| | | | | 06 TRANSPORTATION | 966/ 454 | |
| | | | | 07 WHOLESALE TRADE | 476/ 228 | |
| | | | | 08 RETAIL TRADE | 2098/1006 | |
| | | | | 09 FINANCE | 855/ 380 | |
| | | | | 10 COMMUNITY SERVICES | 2442/1254 | |
| | | | | 11 PERSONAL SERVICES | 1799/ 902 | |
| | | | | 12 BUSINESS SERVICES | 752/ 353 | |
| | | | | 13 PUBLIC ADMINISTRATION | 1288/ 628 | |
| | | | | 99 NOT STATED | 296/ 107 | |

| FIELD | ACRONYM | LENGTH | POSITION | QUESTION & VARIABLE DESCRIPTIONS | POP. EST./SAMPLE COUNT ('000) | SAMPLE COUNT | COMMENTS |
|-------|----------|--------|----------|--|-------------------------------|-------------------|----------|
| 221 | DVSICD11 | 002 | 263-264 | DERIVED VARIABLE - TYPE OF INDUSTRY THE RESPONDENT WORKED IN BEFORE THEY STARTED THEIR STUDIES | | FROM QUESTION D11 | |
| | | | | 00 NOT APPLICABLE | 16438/7492 | | |
| | | | | 01 AGRICULTURE | 98/ 48 | | |
| | | | | 02 OTHER PRIMARY | 106/ 60 | | |
| | | | | 03 MANUFACTURING: NON-DURABLE GOODS | 299/ 141 | | |
| | | | | 04 MANUFACTURING: DURABLE GOODS | 295/ 122 | | |
| | | | | 05 CONSTRUCTION | 138/ 74 | | |
| | | | | 06 TRANSPORTATION | 272/ 119 | | |
| | | | | 07 WHOLESALE TRADE | 113/ 59 | | |
| | | | | 08 RETAIL TRADE | 515/ 268 | | |
| | | | | 09 FINANCE | 189/ 93 | | |
| | | | | 10 COMMUNITY SERVICES | 689/ 353 | | |
| | | | | 11 PERSONAL SERVICES | 337/ 159 | | |
| | | | | 12 BUSINESS SERVICES | 187/ 80 | | |
| | | | | 13 PUBLIC ADMINISTRATION | 440/ 213 | | |
| | | | | 99 NOT STATED | 131/ 57 | | |
| 222 | DVSICG15 | 002 | 265-266 | DERIVED VARIABLE - TYPE OF INDUSTRY THE RESPONDENT WORKED IN FOR THE LONGEST TIME DURING 1988 | | FROM QUESTION G15 | |
| | | | | 00 NOT APPLICABLE | 5646/2765 | | |
| | | | | 01 AGRICULTURE | 362/ 216 | | |
| | | | | 02 OTHER PRIMARY | 296/ 187 | | |
| | | | | 03 MANUFACTURING: NON-DURABLE GOODS | 1314/ 547 | | |
| | | | | 04 MANUFACTURING: DURABLE GOODS | 1109/ 399 | | |
| | | | | 05 CONSTRUCTION | 836/ 381 | | |
| | | | | 06 TRANSPORTATION | 1125/ 489 | | |
| | | | | 07 WHOLESALE TRADE | 547/ 240 | | |
| | | | | 08 RETAIL TRADE | 1928/ 805 | | |
| | | | | 09 FINANCE | 746/ 346 | | |
| | | | | 10 COMMUNITY SERVICES | 2503/1209 | | |
| | | | | 11 PERSONAL SERVICES | 1306/ 591 | | |
| | | | | 12 BUSINESS SERVICES | 985/ 422 | | |
| | | | | 13 PUBLIC ADMINISTRATION | 1354/ 671 | | |
| | | | | 99 NOT STATED | 189/ 70 | | |

| FIELD | ACRONYM | LENGTH | POSITION | QUESTION & VARIABLE DESCRIPTIONS | POP. EST./SAMPLE ('000) | COUNT | COMMENTS |
|-------|---------|--------|----------|----------------------------------|-------------------------|-------|----------|
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|-----|----------|-----|---------|--|------------|--|------------------|
| 223 | DVSIC_K4 | 002 | 267-268 | DERIVED VARIABLE - TYPE OF INDUSTRY THE RESPONDENT WORKED IN AT THE TIME OF THE RETIREMENT | 18001/8257 | | FROM QUESTION K4 |
| | | | | 00 NOT APPLICABLE | 154/ 93 | | |
| | | | | 01 AGRICULTURE | 78/ 41 | | |
| | | | | 02 OTHER PRIMARY | 184/ 83 | | |
| | | | | 03 MANUFACTURING: NON-DURABLE GOODS | | | |
| | | | | 04 MANUFACTURING: DURABLE GOODS | 223/ 74 | | |
| | | | | 05 CONSTRUCTION | 98/ 49 | | |
| | | | | 06 TRANSPORTATION | 164/ 81 | | |
| | | | | 07 WHOLESALE TRADE | 79/ 37 | | |
| | | | | 08 RETAIL TRADE | 243/ 126 | | |
| | | | | 09 FINANCE | 71/ 32 | | |
| | | | | 10 COMMUNITY SERVICES | 332/ 166 | | |
| | | | | 11 PERSONAL SERVICES | 103/ 65 | | |
| | | | | 12 BUSINESS SERVICES | 52/ 27 | | |
| | | | | 13 PUBLIC ADMINISTRATION | 302/ 135 | | |
| | | | | 99 NOT STATED | 164/ 72 | | |

| | | | | | | | |
|-----|----------|-----|---------|---|-----------|--|--|
| 224 | DVSIC_84 | 002 | 269-270 | DERIVED VARIABLE - TYPE OF INDUSTRY THE RESPONDENT WORKED IN FOR THE LONGEST TIME IN 1984 | 7249/3306 | | THE FIELDS H48, K26 AND L17 WERE COMBINED TO FORM THIS NEW VARIABLE. |
| | | | | 00 NOT APPLICABLE | 405/ 233 | | |
| | | | | 01 AGRICULTURE | 332/ 210 | | |
| | | | | 02 OTHER PRIMARY | 1084/ 478 | | |
| | | | | 03 MANUFACTURING: NON-DURABLE GOODS | | | |
| | | | | 04 MANUFACTURING: DURABLE GOODS | 956/ 365 | | |
| | | | | 05 CONSTRUCTION | 748/ 343 | | |
| | | | | 06 TRANSPORTATION | 995/ 457 | | |
| | | | | 07 WHOLESALE TRADE | 503/ 225 | | |
| | | | | 08 RETAIL TRADE | 1546/ 693 | | |
| | | | | 09 FINANCE | 680/ 319 | | |
| | | | | 10 COMMUNITY SERVICES | 2163/1057 | | |
| | | | | 11 PERSONAL SERVICES | 1044/ 492 | | |
| | | | | 12 BUSINESS SERVICES | 720/ 327 | | |
| | | | | 13 PUBLIC ADMINISTRATION | 1312/ 637 | | |
| | | | | 99 NOT STATED | 511/ 196 | | |

| FIELD | ACRONYM | LENGTH | POSITION | QUESTION & VARIABLE DESCRIPTIONS | POP. EST./SAMPLE COUNT | COMMENTS |
|-------|---------|--------|----------|----------------------------------|------------------------|----------|
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|-----|-----------|-----|---------|--|-----------|--|
| 225 | DVSIIC_89 | 002 | 271-272 | DERIVED VARIABLE - TYPE OF INDUSTRY THE RESPONDENT WORKED IN DURING THE REFERENCE WEEK IN 1989 | | THE FIELDS H9 AND G15 WERE USED TO DERIVE THIS NEW VARIABLE. |
| | | | 00 | NOT APPLICABLE | 7531/3647 | |
| | | | 01 | AGRICULTURE | 304/ 191 | |
| | | | 02 | OTHER PRIMARY | 248/ 156 | |
| | | | 03 | MANUFACTURING: NON-DURABLE GOODS | 1215/ 483 | |
| | | | 04 | MANUFACTURING: DURABLE GOODS | 995/ 359 | |
| | | | 05 | CONSTRUCTION | 629/ 275 | |
| | | | 06 | TRANSPORTATION | 1031/ 451 | |
| | | | 07 | WHOLESALE TRADE | 4711/ 212 | |
| | | | 08 | RETAIL TRADE | 1669/ 692 | |
| | | | 09 | FINANCE | 712/ 328 | |
| | | | 10 | COMMUNITY SERVICES | 2227/1085 | |
| | | | 11 | PERSONAL SERVICES | 965/ 432 | |
| | | | 12 | BUSINESS SERVICES | 903/ 388 | |
| | | | 13 | PUBLIC ADMINISTRATION | 1134/ 567 | |
| | | | 99 | NOT STATED | 214/ 72 | |

FROM QUESTION C10

| | | | | | | |
|-----|----------|-----|---------|---|----------|--|
| 226 | DVC10SOC | 002 | 273-274 | DERIVED VARIABLE - TYPE OF OCCUPATION THE RESPONDENT HELD AFTER LEAVING SCHOOL. | | |
| | | | 01 | MANAGERS AND ADMINISTRATORS | 665/ 292 | |
| | | | 02 | MANAGEMENT AND ADMINISTRATION RELATED | 348/ 163 | |
| | | | 03 | LIFE SCIENCES, MATHS, SYSTEMS ANALYSTS & RELATED | 288/ 125 | |
| | | | 04 | ARCHITECTS, ENGINEERS AND RELATED | 349/ 157 | |
| | | | 05 | SOCIAL SCIENCE, RELIGION AND RELATED | 319/ 152 | |
| | | | 06 | TEACHING AND RELATED | 853/ 438 | |
| | | | 07 | HEALTH OCCUPATIONS AND RELATED | 818/ 425 | |
| | | | 08 | ARTISTIC, LITERARY, RECREATIONAL AND RELATED | 268/ 109 | |
| | | | 09 | STENOGRAPHIC AND TYPING | 928/ 457 | |
| | | | 10 | BOOKKEEPING, ACCOUNT-RECORDING AND RELATED | 961/ 460 | |
| | | | 11 | EDP OPERATORS AND MATERIAL RECORDING | 429/ 188 | |
| | | | 12 | RECEPTION, INFO., MAIL AND MESSAGE DISTRIBUTION | 318/ 166 | |
| | | | 13 | LIBRARY, FILE, CORRES., OTHER CLERICAL & RELATED | 552/ 276 | |
| | | | 14 | SALES, COMMODITIES | 990/ 475 | |

| FIELD | ACRONYM | LENGTH | POSITION | QUESTION & VARIABLE DESCRIPTIONS | POP. EST./SAMPLE ('000) | COUNT | COMMENTS |
|-------|----------|--------|----------|--|-----------------------------|-------|-------------------|
| 226 | DVC10SOC | 002 | 273-274 | 15 SALES, SERVICES | 193/ | 69 | |
| | | | | 16 PROTECTIVE SERVICES | 188/ | 90 | |
| | | | | 17 FOOD, BEVERAGE PREPARATION, LODGING & ACCOMMODATION | 900/ | 454 | |
| | | | | 18 PERSONAL, APPAREL AND FURNISHING SERVICES | 879/ | 453 | |
| | | | | 19 OTHER SERVICE OCCUPATIONS | 329/ | 173 | |
| | | | | 20 FARM OCCUPATIONS | 1149/ | 557 | |
| | | | | 21 PRIMARY OCCUPATIONS | 326/ | 188 | |
| | | | | 22 FOOD, BEVERAGE PROCESSING AND RELATED | 321/ | 184 | |
| | | | | 23 PROCESSING OCCUPATIONS (EXCEPT FOOD) | 382/ | 153 | |
| | | | | 24 MACHINING AND RELATED OCCUPATIONS | 463/ | 164 | |
| | | | | 25 ELECTRICAL, ELECTRONICS AND RELATED EQUIPMENT | 162/ | 60 | |
| | | | | 26 TEXTILES, FURS AND LEATHER | 382/ | 140 | |
| | | | | 27 WOOD PRODUCTS, RUBBER, PLASTICS AND OTHER RELATED | 145/ | 69 | |
| | | | | 28 MECHANICS AND REPAIRMEN (EXCEPT ELECTRICAL) | 348/ | 158 | |
| | | | | 29 EXCAVATING, PAVING, WIRE COMMUNICATIONS AND RELATED | 281/ | 128 | |
| | | | | 30 OTHER CONSTRUCTION TRADES | 483/ | 223 | |
| | | | | 31 TRANSPORT EQUIPMENT OPERATING OCCUPATIONS | 335/ | 163 | |
| | | | | 32 MATERIAL HANDLING | 320/ | 160 | |
| | | | | 33 OTHER CRAFTS AND EQUIPMENT | 277/ | 99 | |
| | | | | 34 OTHER OCCUPATIONS, N.E.C. | 114/ | 49 | |
| | | | | 97 NOT APPLICABLE | 3956/ | 1647 | |
| | | | | 99 NOT STATED | 227/ | 74 | |
| 227 | DVD12SOC | 002 | 275-276 | DERIVED VARIABLE - TYPE OF OCCUPATION THE RESPONDENT HELD BEFORE THEY STARTED THEIR STUDIES | | | FROM QUESTION D12 |
| | | | | 01 MANAGERS AND ADMINISTRATORS | 217/ | 116 | |
| | | | | 02 MANAGEMENT AND ADMINISTRATION RELATED | 91/ | 51 | |
| | | | | 03 LIFE SCIENCES, MATHS, SYSTEMS ANALYSTS & RELATED | 72/ | 28 | |
| | | | | 04 ARCHITECTS, ENGINEERS AND RELATED | 103/ | 44 | |
| | | | | 05 SOCIAL SCIENCE, RELIGION AND RELATED | 120/ | 50 | |
| | | | | 06 TEACHING AND RELATED | 285/ | 145 | |
| | | | | 07 HEALTH OCCUPATIONS AND RELATED | 187/ | 92 | |
| | | | | 08 ARTISTIC, LITERARY, RECREATIONAL AND RELATED | 65/ | 26 | |

| FIELD | ACRONYM | LENGTH | POSITION | QUESTION & VARIABLE DESCRIPTIONS | POP. EST./SAMPLE ('000) | COUNT | COMMENTS |
|-------|----------|--------|----------|--|-------------------------|-------|----------|
| 227 | DVD12SOC | 002 | 275-276 | 09 STENOGRAPHIC AND TYPING | 169/ | 84 | |
| | | | | 10 BOOKKEEPING, | 225/ | 117 | |
| | | | | ACCOUNT-RECORDING AND RELATED | | | |
| | | | | 11 EDP OPERATORS AND MATERIAL RECORDING | 127/ | 53 | |
| | | | | 12 RECEPTION, INFO., MAIL AND MESSAGE DISTRIBUTION | 89/ | 38 | |
| | | | | 13 LIBRARY, FILE, CORRES., OTHER CLERICAL & RELATED | 158/ | 81 | |
| | | | | 14 SALES, COMMODITIES | 293/ | 144 | |
| | | | | 15 SALES, SERVICES | 43/ | 19 | |
| | | | | 16 PROTECTIVE SERVICES | 54/ | 30 | |
| | | | | 17 FOOD, BEVERAGE PREPARATION, LODGING & ACCOMMODATION | 200/ | 108 | |
| | | | | 18 PERSONAL, APPAREL AND FURNISHING SERVICES | 74/ | 41 | |
| | | | | 19 OTHER SERVICE OCCUPATIONS | 71/ | 29 | |
| | | | | 20 FARM OCCUPATIONS | 99/ | 52 | |
| | | | | 21 PRIMARY OCCUPATIONS | 59/ | 38 | |
| | | | | 22 FOOD, BEVERAGE PROCESSING AND RELATED | 47/ | 31 | |
| | | | | 23 PROCESSING OCCUPATIONS (EXCEPT FOOD) | 81/ | 38 | |
| | | | | 24 MACHINING AND RELATED OCCUPATIONS | 110/ | 44 | |
| | | | | 25 ELECTRICAL, ELECTRONICS AND RELATED EQUIPMENT | 46/ | 18 | |
| | | | | 26 TEXTILES, FURS AND LEATHER | 25/ | 13 | |
| | | | | 27 WOOD PRODUCTS, RUBBER, PLASTICS AND OTHER RELATED | 40/ | 16 | |
| | | | | 28 MECHANICS AND REPAIRMEN (EXCEPT ELECTRICAL) | 121/ | 50 | |
| | | | | 29 EXCAVATING, PAVING, WIRE COMMUNICATIONS AND RELATED | 62/ | 28 | |
| | | | | 30 OTHER CONSTRUCTION TRADES | 115/ | 58 | |
| | | | | 31 TRANSPORT EQUIPMENT OPERATING OCCUPATIONS | 85/ | 38 | |
| | | | | 32 MATERIAL HANDLING | 50/ | 30 | |
| | | | | 33 OTHER CRAFTS AND EQUIPMENT | 71/ | 29 | |
| | | | | 34 OTHER OCCUPATIONS, N.E.C. | 29/ | 13 | |
| | | | | 97 NOT APPLICABLE | 16438/ | 7492 | |
| | | | | 99 NOT STATED | 127/ | 54 | |

| FIELD | ACRONYM | LENGTH | POSITION | QUESTION & VARIABLE DESCRIPTIONS | POP. EST./SAMPLE ('000) | COUNT | COMMENTS |
|-------|----------|--------|----------|--|-------------------------|----------|-------------------|
| 228 | DVG16SOC | 002 | 277-278 | DERIVED VARIABLE - TYPE OF OCCUPATION THE RESPONDENT HELD FOR THE LONGEST TIME IN 1988 | | | FROM QUESTION G16 |
| | | | | 01 MANAGERS AND ADMINISTRATORS | 1646/ 709 | 473/ 234 | |
| | | | | 02 ADMINISTRATION RELATED | 357/ 152 | | |
| | | | | 03 LIFE SCIENCES, MATHS, SYSTEMS ANALYSTS & RELATED | 333/ 138 | | |
| | | | | 04 ARCHITECTS, ENGINEERS AND RELATED | 373/ 168 | | |
| | | | | 05 SOCIAL SCIENCE, RELIGION AND RELATED | 727/ 353 | 726/ 365 | |
| | | | | 06 TEACHING AND RELATED | 340/ 144 | | |
| | | | | 07 HEALTH OCCUPATIONS AND RELATED | 496/ 240 | 652/ 311 | |
| | | | | 08 ARTISTIC, LITERARY, RECREATIONAL AND RELATED | 472/ 189 | | |
| | | | | 09 STENOGRAPHIC AND TYPING | 270/ 121 | | |
| | | | | 10 BOOKKEEPING, ACCOUNT-RECORDING AND RELATED | 407/ 199 | | |
| | | | | 11 EDP OPERATORS AND MATERIAL RECORDING | 889/ 378 | 306/ 140 | |
| | | | | 12 RECEPTION, INFO., MAIL AND MESSAGE DISTRIBUTION | 215/ 102 | 869/ 379 | |
| | | | | 13 LIBRARY, FILE, CORRES., OTHER CLERICAL & RELATED | 394/ 197 | | |
| | | | | 14 SALES, COMMODITIES | 379/ 161 | 431/ 247 | |
| | | | | 15 SALES, SERVICES | 201/ 121 | 226/ 129 | |
| | | | | 16 PROTECTIVE SERVICES | 215/ 90 | | |
| | | | | 17 FOOD, BEVERAGE PREPARATION, LODGING & ACCOMMODATION | 341/ 123 | | |
| | | | | 18 PERSONAL, APPAREL AND FURNISHING SERVICES | 162/ 51 | 196/ 75 | |
| | | | | 19 OTHER SERVICE OCCUPATIONS | 171/ 62 | 363/ 145 | |
| | | | | 20 FARM OCCUPATIONS | 253/ 124 | | |
| | | | | 21 PRIMARY OCCUPATIONS | | | |
| | | | | 22 FOOD, BEVERAGE PROCESSING AND RELATED | | | |
| | | | | 23 PROCESSING OCCUPATIONS (EXCEPT FOOD) | | | |
| | | | | 24 MACHINING AND RELATED OCCUPATIONS | | | |
| | | | | 25 ELECTRICAL, ELECTRONICS AND RELATED EQUIPMENT | | | |
| | | | | 26 TEXTILES, FURS AND LEATHER | | | |
| | | | | 27 WOOD PRODUCTS, RUBBER, PLASTICS AND OTHER RELATED | | | |
| | | | | 28 MECHANICS AND REPAIRMEN (EXCEPT ELECTRICAL) | | | |
| | | | | 29 EXCAVATING, PAVING, WIRE COMMUNICATIONS AND RELATED | | | |

| FIELD | ACRONYM | LENGTH | POSITION | QUESTION & VARIABLE DESCRIPTIONS | POP. EST./SAMPLE ('000) | COUNT | COMMENTS |
|-------|----------|--------|----------|--|---|-------|--|
| 228 | DVG16SOC | 002 | 277-278 | 30 OTHER CONSTRUCTION TRADES 31 TRANSPORT EQUIPMENT OPERATING OCCUPATIONS 32 MATERIAL HANDLING 33 OTHER CRAFTS AND EQUIPMENT 34 OTHER OCCUPATIONS, N.E.C. 97 NOT APPLICABLE 99 NOT STATED | 538/ 248 505/ 234 240/ 104 233/ 71 97/ 32 5666/2765 104/ 37 | | |
| 229 | DVK5_SOC | 002 | 279-280 | DERIVED VARIABLE - TYPE OF OCCUPATION THE RESPONDENT HELD AT THE TIME OF THEIR RETIREMENT 01 MANAGEMENT AND ADMINISTRATION RELATED 02 CLERICAL AND RELATED 03 SERVICE OCCUPATIONS 04 OTHER OCCUPATIONS 97 NOT APPLICABLE 99 NOT STATED | 253/ 115 291/ 144 290/ 159 1285/ 599 17995/8257 134/ 64 | | FROM QUESTION K5 |
| 230 | DVL14SOC | 002 | 281-282 | DERIVED VARIABLE - TYPE OF OCCUPATION THE RESPONDENT USUALLY DOES 01 SERVICE OCCUPATIONS 02 NON-SERVICE OCCUPATIONS 97 NOT APPLICABLE 99 NOT STATED | 230/ 107 579/ 261 19290/8920 149/ 50 | | FROM QUESTION L14 |
| 231 | DV84_SOC | 002 | 283-284 | DERIVED VARIABLE - TYPE OF OCCUPATION THE RESPONDENT HELD FOR THE LONGEST TIME IN 1984 01 MANAGERS AND ADMINISTRATORS 02 MANAGEMENT AND ADMINISTRATION RELATED 03 LIFE SCIENCES, MATHS, SYSTEMS ANALYSTS & RELATED 04 ARCHITECTS, ENGINEERS AND RELATED 05 SOCIAL SCIENCE, RELIGION AND RELATED 06 TEACHING AND RELATED 07 HEALTH OCCUPATIONS AND RELATED 08 ARTISTIC, LITERARY, RECREATIONAL AND RELATED 09 STENOGRAPHIC AND TYPING 10 BOOKKEEPING, ACCOUNT-RECORDING AND RELATED | 1326/ 605 416/ 212 253/ 109 309/ 131 349/ 150 654/ 315 607/ 306 271/ 121 494/ 236 627/ 306 | | THE FIELDS H49, K27 AND L18 WERE USED TO DERIVE THIS NEW VARIABLE. |

| FIELD | ACRONYM | LENGTH | POSITION | QUESTION & VARIABLE DESCRIPTIONS | POP. EST./SAMPLE ('000) | SAMPLE COUNT | COMMENTS |
|-------|----------|--------|----------|--|-------------------------|--------------|---|
| 231 | DV84_SOC | 002 | 285-284 | 11 EDP OPERATORS AND MATERIAL RECORDING | 345/ | 140 | |
| | | | | 12 RECEPTION, INFO., MAIL AND MESSAGE DISTRIBUTION | 217/ | 98 | |
| | | | | 13 LIBRARY, FILE, CORRES., OTHER CLERICAL & RELATED | 385/ | 195 | |
| | | | | 14 SALES, COMMODITIES | 766/ | 339 | |
| | | | | 15 SALES, SERVICES | 240/ | 105 | |
| | | | | 16 PROTECTIVE SERVICES | 179/ | 90 | |
| | | | | 17 FOOD, BEVERAGE PREPARATION, LODGING & ACCOMMODATION | 666/ | 317 | |
| | | | | 18 PERSONAL, APPAREL AND FURNISHING SERVICES | 337/ | 171 | |
| | | | | 19 OTHER SERVICE OCCUPATIONS | 343/ | 154 | |
| | | | | 20 FARM OCCUPATIONS | 451/ | 254 | |
| | | | | 21 PRIMARY OCCUPATIONS | 191/ | 126 | |
| | | | | 22 FOOD, BEVERAGE PROCESSING AND RELATED | 209/ | 116 | |
| | | | | 23 PROCESSING OCCUPATIONS (EXCEPT FOOD) | 196/ | 90 | |
| | | | | 24 MACHINING AND RELATED OCCUPATIONS | 296/ | 108 | |
| | | | | 25 ELECTRICAL, ELECTRONICS AND RELATED EQUIPMENT | 132/ | 46 | |
| | | | | 26 TEXTILES, FURS AND LEATHER | 179/ | 75 | |
| | | | | 27 WOOD PRODUCTS, RUBBER, PLASTICS AND OTHER RELATED | 146/ | 59 | |
| | | | | 28 MECHANICS AND REPAIRMEN (EXCEPT ELECTRICAL) | 315/ | 137 | |
| | | | | 29 EXCAVATING, PAVING, WIRE COMMUNICATIONS AND RELATED | 247/ | 130 | |
| | | | | 30 OTHER CONSTRUCTION TRADES | 492/ | 222 | |
| | | | | 31 TRANSPORT EQUIPMENT OPERATING OCCUPATIONS | 481/ | 223 | |
| | | | | 32 MATERIAL HANDLING | 220/ | 93 | |
| | | | | 33 OTHER CRAFTS AND EQUIPMENT | 182/ | 63 | |
| | | | | 34 OTHER OCCUPATIONS, N.E.C. | 102/ | 42 | |
| | | | | 97 NOT APPLICABLE | 7249/ | 3306 | |
| | | | | 99 NOT STATED | 375/ | 148 | |
| 232 | DV89_SOC | 002 | 285-286 | DERIVED VARIABLE - TYPE OF OCCUPATION THE RESPONDENT WORKED IN DURING THE REFERENCE WEEK IN 1989 | | | THE FIELDS H10, G19 AND G16 WERE USED TO DERIVE THIS NEW VARIABLE |
| | | | | 01 MANAGERS AND ADMINISTRATORS | 1519/ | 662 | |
| | | | | 02 MANAGEMENT AND ADMINISTRATION RELATED | 426/ | 213 | |
| | | | | 03 LIFE SCIENCES, MATHS, SYSTEMS ANALYSTS & RELATED | 324/ | 139 | |
| | | | | 04 ARCHITECTS, ENGINEERS AND RELATED | 292/ | 125 | |

| FIELD | ACRONYM | LENGTH | POSITION | QUESTION & VARIABLE DESCRIPTIONS ('000) | POP. EST./SAMPLE COUNT | COMMENTS |
|-------|----------|--------|----------|--|------------------------|----------|
| 232 | DV89_SOC | 002 | 285-286 | 05 SOCIAL SCIENCE, RELIGION AND RELATED | 339/ 158 | |
| | | | | 06 TEACHING AND RELATED | 692/ 325 | |
| | | | | 07 HEALTH OCCUPATIONS AND RELATED | 654/ 334 | |
| | | | | 08 ARTISTIC, LITERARY, RECREATIONAL AND RELATED | 265/ 118 | |
| | | | | 09 STENOGRAPHIC AND TYPING | 450/ 217 | |
| | | | | 10 BOOKKEEPING, ACCOUNT-RECORDING AND RELATED | 587/ 282 | |
| | | | | 11 EDP OPERATORS AND MATERIAL RECORDING | 419/ 164 | |
| | | | | 12 RECEPTION, INFO., MAIL AND MESSAGE DISTRIBUTION | 220/ 102 | |
| | | | | 13 LIBRARY, FILE, CORRES., OTHER CLERICAL & RELATED | 345/ 166 | |
| | | | | 14 SALES, COMMODITIES | 795/ 328 | |
| | | | | 15 SALES, SERVICES | 271/ 120 | |
| | | | | 16 PROTECTIVE SERVICES | 198/ 92 | |
| | | | | 17 FOOD, BEVERAGE PREPARATION, LODGING & ACCOMMODATION | 597/ 263 | |
| | | | | 18 PERSONAL, APPAREL AND FURNISHING SERVICES | 340/ 157 | |
| | | | | 19 OTHER SERVICE OCCUPATIONS | 312/ 138 | |
| | | | | 20 FARM OCCUPATIONS | 326/ 199 | |
| | | | | 21 PRIMARY OCCUPATIONS | 163/ 95 | |
| | | | | 22 FOOD, BEVERAGE PROCESSING AND RELATED | 163/ 88 | |
| | | | | 23 PROCESSING OCCUPATIONS (EXCEPT FOOD) | 205/ 86 | |
| | | | | 24 MACHINING AND RELATED OCCUPATIONS | 336/ 114 | |
| | | | | 25 ELECTRICAL, ELECTRONICS AND RELATED EQUIPMENT | 130/ 45 | |
| | | | | 26 TEXTILES, FURS AND LEATHER | 181/ 68 | |
| | | | | 27 WOOD PRODUCTS, RUBBER, PLASTICS AND OTHER RELATED | 151/ 53 | |
| | | | | 28 MECHANICS AND REPAIRMEN (EXCEPT ELECTRICAL) | 311/ 124 | |
| | | | | 29 EXCAVATING, PAVING, MIRE COMMUNICATIONS AND RELATED | 214/ 104 | |
| | | | | 30 OTHER CONSTRUCTION TRADES | 396/ 180 | |
| | | | | 31 TRANSPORT EQUIPMENT OPERATING OCCUPATIONS | 467/ 211 | |
| | | | | 32 MATERIAL HANDLING | 187/ 78 | |
| | | | | 33 OTHER CRAFTS AND EQUIPMENT | 216/ 65 | |
| | | | | 34 OTHER OCCUPATIONS, N.E.C. | 72/ 25 | |
| | | | | 97 NOT APPLICABLE | 7531/3647 | |
| | | | | 99 NOT STATED | 154/ 53 | |

| FIELD | ACRONYM | LENGTH | POSITION | QUESTION & VARIABLE DESCRIPTIONS | POP. EST./SAMPLE ('000) COUNT | COMMENTS |
|-------|---------|--------|----------|---|--|-------------------|
| 233 | DV_B7 | 004 | 287-290 | DERIVED VARIABLE - IN WHAT YEAR DO YOU EXPECT TO COMPLETE THE PROGRAM LEADING TO YOUR DEGREE/DIPLOMA/CERTIFICATE? 0000 NOT APPLICABLE 1989:1994 1995 1995 OR LATER 9999 NOT STATED | 16982/8064 3124/1201 60/ 29 82/ 44 | FROM QUESTION B7 |
| 234 | DV_C1 | 004 | 291-294 | DERIVED VARIABLE - IN WHAT YEAR DID YOU COMPLETE YOUR STUDIES OR STOP TAKING COURSES? 0000 NOT APPLICABLE 1919 1919 OR BEFORE 1920:1989 9999 NOT STATED | 3332/1323 189/ 88 16526/7815 201/ 112 | FROM QUESTION C1 |
| 235 | DV_C5 | 004 | 295-298 | DERIVED VARIABLE - IN WHAT YEAR DID YOU GET THE FIRST JOB SINCE COMPLETING THE PROGRAM? 0000 NOT APPLICABLE 1919 1919 OR BEFORE 1921:1989 9999 NOT STATED | 18639/8573 2/ 2 1472/ 703 136/ 60 | FROM QUESTION C5 |
| 236 | DV_D2 | 004 | 299-302 | DERIVED VARIABLE - IN WHAT YEAR DID YOU START YOUR STUDIES FOR THIS DEGREE/DIPLOMA/CERTIFICATE? 0000 NOT APPLICABLE 1909 1909 OR BEFORE 1910:1989 9999 NOT STATED | 70/ 51 65/ 36 19724/9062 389/ 189 | FROM QUESTION D2 |
| 237 | DV_E13 | 002 | 303-304 | DERIVED VARIABLE - HOW MANY HOURS PER WEEK DO YOU NORMALLY USE IT? 00:35 HOURS 40 40 HOURS OR MORE 97 NOT APPLICABLE 99 NOT STATED | 2535/ 998 44/ 19 17581/8281 87/ 40 | FROM QUESTION E13 |

| FIELD | ACRONYM | LENGTH | POSITION | QUESTION & VARIABLE DESCRIPTIONS | POP. EST./SAMPLE COUNT | COMMENTS |
|-------|---------|--------|----------|---|---|--|
| 238 | DV_F5A | 001 | 0305 | DERIVED VARIABLE - DO YOU AGREE OR DISAGREE THAT SCIENCE AND TECHNOLOGY ARE MAKING OUR LIVES BETTER? 1 STRONGLY DISAGREE 2 SOMEWHAT DISAGREE 3 SOMEWHAT AGREE 4 STRONGLY AGREE 5 AGREES WITH STATEMENT / NOT STATED AS TO THE DEGREE 6 DISAGREES WITH STATEMENT / NOT STATED AS TO THE DEGREE 7 NO OPINION 9 NOT STATED | 509/ 240 1431/ 660 9082/4198 7658/3430 21/ 11 0/ 1 1392/ 715 154/ 83 | THE FIELDS F5A AND F5AB WERE COMBINED TO FORM THIS NEW VARIABLE. |
| 239 | DV_F5B | 001 | 0306 | DERIVED VARIABLE - DO YOU AGREE OR DISAGREE THAT SCIENCE AND TECHNOLOGY WILL MAKE WORK MORE INTERESTING? 1 STRONGLY DISAGREE 2 SOMEWHAT DISAGREE 3 SOMEWHAT AGREE 4 STRONGLY AGREE 5 AGREES WITH STATEMENT / NOT STATED AS TO THE DEGREE 6 DISAGREES WITH STATEMENT / NOT STATED AS TO THE DEGREE 7 NO OPINION 9 NOT STATED | 832/ 394 2283/1061 8481/3987 6708/2970 6/ 5 4/ 2 1779/ 841 154/ 78 | THE FIELDS F5B AND F5BB WERE COMBINED TO FORM THIS NEW VARIABLE. |
| 240 | DV_F5C | 001 | 0307 | DERIVED VARIABLE - DO YOU AGREE OR DISAGREE THAT ON BALANCE, COMPUTERS AND AUTOMATION WILL CREATE MORE JOBS THAN THEY WILL ELIMINATE? 1 STRONGLY DISAGREE 2 SOMEWHAT DISAGREE 3 SOMEWHAT AGREE 4 STRONGLY AGREE 6 DISAGREES WITH STATEMENT / NOT STATED AS TO THE DEGREE 7 NO OPINION 9 NOT STATED | 4946/2348 5648/2687 4132/1816 2523/1092 1/ 1 2827/1305 169/ 89 | THE FIELDS F5C AND F5CB WERE COMBINED TO FORM THIS NEW VARIABLE. |

| FIELD | ACRONYM | LENGTH | POSITION | QUESTION & VARIABLE DESCRIPTIONS | POP. EST./SAMPLE ('000) COUNT | COMMENTS |
|-------|----------|--------|----------|---|--|--|
| 241 | DV_F50 | 001 | 0308 | DERIVED VARIABLE - DO YOU AGREE OR DISAGREE THAT SCIENCE MAKES OUR LIFE CHANGE TOO FAST? 1 STRONGLY DISAGREE 2 SOMEWHAT DISAGREE 3 SOMEWHAT AGREE 4 STRONGLY AGREE 5 AGREES WITH STATEMENT / NOT STATED AS TO THE DEGREE 6 DISAGREES WITH STATEMENT / NOT STATED AS TO THE DEGREE 7 NO OPINION 9 NOT STATED | 2406/1082 5267/2459 6457/2960 4621/2101 6/ 3 2/ 1 1331/ 649 158/ 83 | THE FIELDS F50 AND F50B WERE COMBINED TO FORM THIS NEW VARIABLE. |
| 242 | DVG11_H5 | 001 | 0309 | DERIVED VARIABLE - DURING LAST WEEK (REFERENCE WEEK) WERE YOU MAINLY... 0 NOT APPLICABLE 1 AN EMPLOYEE WORKING FOR SOMEONE ELSE 2 SELF-EMPLOYED 9 NOT STATED | 7531/3647 10767/4794 1873/ 874 77/ 23 | THE FIELDS G11 AND H5 WERE USED TO DERIVE THIS NEW VARIABLE. |
| 243 | DVG12_H6 | 001 | 0310 | DERIVED VARIABLE - DURING LAST WEEK, DID YOU HAVE ANY PAID EMPLOYEES? 0 NOT APPLICABLE 1 YES 2 NO 9 NOT STATED | 18298/8441 925/ 399 916/ 458 109/ 40 | THE FIELDS G12 AND H6 WERE USED TO DERIVE THIS NEW VARIABLE. |
| 244 | DV_G13 | 002 | 311-312 | DERIVED VARIABLE - ABOUT HOW MANY EMPLOYEES DID YOU HAVE? 01:25 EMPLOYEES 26 26 OR MORE 97 NOT APPLICABLE 99 NOT STATED | 850/ 392 124/ 38 19185/8867 89/ 41 | FROM QUESTION G13 |
| 245 | DV_G13H7 | 002 | 313-314 | DERIVED VARIABLE - ABOUT HOW MANY EMPLOYEES DID YOU HAVE LAST WEEK? 01:25 EMPLOYEES 26 26 OR MORE 97 NOT APPLICABLE 99 NOT STATED | 787/ 353 121/ 37 19214/8899 125/ 49 | THE FIELDS G13 AND H7 WERE USED TO DERIVE THIS NEW VARIABLE. |

GSS CYCLE 4 MICRODATA FILE DICTIONARY

| FIELD | ACRONYM | LENGTH | POSITION | QUESTION & VARIABLE DESCRIPTIONS | POP. EST./SAMPLE COUNT ('000) | COMMENTS |
|-------|----------|--------|----------|--|---|---|
| 246 | DV_G34 | 002 | 315-316 | DERIVED VARIABLE - HOW LONG AGO DID YOU LAST WORK AT THIS JOB? 02:26 WEEKS 27 27 OR MORE 97 NOT APPLICABLE 99 NOT STATED | 468/ 246 46/ 24 19685/9051 49/ 17 | FROM QUESTION G34 |
| 247 | DV_G35 | 002 | 317-318 | DERIVED VARIABLE - IN HOW MANY WEEKS DO YOU EXPECT TO RETURN TO THIS JOB? 02:20 WEEKS 21 21 OR MORE 97 NOT APPLICABLE 98 DON'T KNOW 99 NOT STATED | 302/ 166 15/ 9 19685/9051 155/ 75 91/ 37 | FROM QUESTION G35 |
| 248 | DV_H11 | 001 | 0319 | DERIVED VARIABLE - ARE YOU SATISFIED OR DISSATISFIED WITH YOUR (MAIN) JOB? 0 NOT APPLICABLE 1 VERY DISSATISFIED 2 SOMEWHAT DISSATISFIED 3 SOMEWHAT SATISFIED 4 VERY SATISFIED 5 SATISFIED WITH JOB / NOT STATED AS TO THE DEGREE 7 NO OPINION 9 NOT STATED | 7531/3647 558/ 244 810/ 375 4049/1802 7169/3215 0/ 1 64/ 33 66/ 21 | THE FIELDS H11A AND H11B WERE COMBINED TO FORM THIS NEW VARIABLE. |
| 249 | DV_H12 | 004 | 320-323 | DERIVED VARIABLE - IN WHAT YEAR DID YOU START WORKING FOR THIS BUSINESS/COMPANY? 0000 NOT APPLICABLE 1948 1948 OR BEFORE 1949:1989 9999 NOT STATED | 7531/3647 73/ 44 12513/5603 131/ 44 | FROM QUESTION H12 |
| 250 | DVH16H22 | 002 | 324-325 | DERIVED VARIABLE - LAST WEEK, HOW MANY PEOPLE DID YOU DIRECTLY SUPERVISE? 00:25 26 26 OR MORE 97 NOT APPLICABLE 99 NOT STATED | 3773/1761 332/ 141 16042/7403 101/ 33 | THE FIELDS H16 AND H22 WERE COMBINED TO FORM THIS NEW VARIABLE. |

| FIELD | ACRONYM | LENGTH | POSITION | QUESTION & VARIABLE DESCRIPTIONS | POP. EST./SAMPLE ('000) | COUNT | COMMENTS |
|-------|---------|--------|----------|----------------------------------|-----------------------------|-------|----------|
|-------|---------|--------|----------|----------------------------------|-----------------------------|-------|----------|

| | | | | | | | |
|-----|---------|-----|------|---|--|-----------|---|
| 251 | DV_H29A | 001 | 0326 | DERIVED VARIABLE - DO YOU AGREE OR DISAGREE THAT THE PHYSICAL SURROUNDINGS AT YOUR WORK ARE PLEASANT? | | | THE FIELDS H29A AND H29AB WERE COMBINED TO FORM THIS NEW VARIABLE |
| | | | | 0 NOT APPLICABLE | | 7531/3647 | |
| | | | | 1 STRONGLY DISAGREE | | 884/ 389 | |
| | | | | 2 SOMEWHAT DISAGREE | | 1004/ 449 | |
| | | | | 3 SOMEWHAT AGREE | | 4331/1911 | |
| | | | | 4 STRONGLY AGREE | | 6248/2840 | |
| | | | | 5 AGREES WITH STATEMENT / NOT STATED AS TO THE DEGREE | | 9/ 7 | |
| | | | | 6 DISAGREES WITH STATEMENT / NOT STATED AS TO THE DEGREE | | 5/ 1 | |
| | | | | 7 NO OPINION | | 80/ 46 | |
| | | | | 9 NOT STATED | | 157/ 48 | |

| | | | | | | | |
|-----|---------|-----|------|---|--|-----------|---|
| 252 | DV_H29B | 001 | 0327 | DERIVED VARIABLE - DO YOU AGREE OR DISAGREE THAT THERE IS A LOT OF FREEDOM TO DECIDE HOW TO DO YOUR WORK? | | | THE FIELDS H29B AND H29BB WERE COMBINED TO FORM THIS NEW VARIABLE |
| | | | | 0 NOT APPLICABLE | | 7531/3647 | |
| | | | | 1 STRONGLY DISAGREE | | 961/ 450 | |
| | | | | 2 SOMEWHAT DISAGREE | | 1155/ 508 | |
| | | | | 3 SOMEWHAT AGREE | | 3427/1498 | |
| | | | | 4 STRONGLY AGREE | | 6959/3149 | |
| | | | | 5 AGREES WITH STATEMENT / NOT STATED AS TO THE DEGREE | | 4/ 3 | |
| | | | | 7 NO OPINION | | 53/ 34 | |
| | | | | 9 NOT STATED | | 158/ 49 | |

| | | | | | | | |
|-----|---------|-----|------|--|--|-----------|---|
| 253 | DV_H29C | 001 | 0328 | DERIVED VARIABLE - DO YOU AGREE OR DISAGREE THAT YOU DO THE SAME THINGS OVER AND OVER? | | | THE FIELDS H29C AND H29CB WERE COMBINED TO FORM THIS NEW VARIABLE |
| | | | | 0 NOT APPLICABLE | | 7531/3647 | |
| | | | | 1 STRONGLY DISAGREE | | 2135/ 924 | |
| | | | | 2 SOMEWHAT DISAGREE | | 2548/1070 | |
| | | | | 3 SOMEWHAT AGREE | | 3760/1710 | |
| | | | | 4 STRONGLY AGREE | | 4052/1907 | |
| | | | | 5 AGREES WITH STATEMENT / NOT STATED AS TO THE DEGREE | | 2/ 2 | |
| | | | | 6 DISAGREES WITH STATEMENT / NOT STATED AS TO THE DEGREE | | 0/ 1 | |
| | | | | 7 NO OPINION | | 51/ 24 | |
| | | | | 9 NOT STATED | | 170/ 53 | |

| FIELD | ACRONYM | LENGTH | POSITION | QUESTION & VARIABLE DESCRIPTIONS | POP. EST./SAMPLE COUNT ('000) | COMMENTS |
|-------|---------|--------|----------|---|--|---|
| 254 | DV_H29D | 001 | 0329 | DERIVED VARIABLE - DO YOU AGREE OR DISAGREE THAT YOUR JOB REQUIRES A HIGH LEVEL OF SKILL? 0 NOT APPLICABLE 1 STRONGLY DISAGREE 2 SOMEWHAT DISAGREE 3 SOMEWHAT AGREE 4 STRONGLY AGREE 7 NO OPINION 9 NOT STATED | 7531/3647 830/ 334 2170/ 966 3656/1651 5806/2647 84/ 39 171/ 54 | THE FIELDS H29D AND H29DB WERE COMBINED TO FORM THIS NEW VARIABLE |
| 255 | DV_H29E | 001 | 0330 | DERIVED VARIABLE - DO YOU AGREE OR DISAGREE THAT YOUR PAY IS GOOD? 0 NOT APPLICABLE 1 STRONGLY DISAGREE 2 SOMEWHAT DISAGREE 3 SOMEWHAT AGREE 4 STRONGLY AGREE 5 AGREES WITH STATEMENT / NOT STATED AS TO THE DEGREE 6 DISAGREES WITH STATEMENT / NOT STATED AS TO THE DEGREE 7 NO OPINION 9 NOT STATED | 7531/3647 1084/ 536 1600/ 690 5499/2441 4268/1932 1/ 1 2/ 1 95/ 37 168/ 53 | THE FIELDS H29E AND H29EB WERE COMBINED TO FORM THIS NEW VARIABLE |
| 256 | DV_H29F | 001 | 0331 | DERIVED VARIABLE - DO YOU AGREE OR DISAGREE THAT YOUR CHANCES FOR PROMOTION OR CAREER DEVELOPMENT ARE GOOD? 0 NOT APPLICABLE 1 STRONGLY DISAGREE 2 SOMEWHAT DISAGREE 3 SOMEWHAT AGREE 4 STRONGLY AGREE 5 AGREES WITH STATEMENT / NOT STATED AS TO THE DEGREE 7 NO OPINION 9 NOT STATED | 7531/3647 2284/1057 2329/1077 3629/1614 3311/1490 3/ 1 972/ 376 189/ 76 | THE FIELDS H29F AND H29FB WERE COMBINED TO FORM THIS NEW VARIABLE |

| FIELD | ACRONYM | LENGTH | POSITION | QUESTION & VARIABLE DESCRIPTIONS | POP. EST./SAMPLE ('000) | COUNT | COMMENTS |
|-------|---------|--------|----------|---|-------------------------|-------|---|
| 257 | DVH32 | 001 | 0332 | DERIVED VARIABLE - IN THE LAST FIVE YEARS, HOW MANY TIMES HAVE RECEIVED A PROMOTION FROM YOUR CURRENT BUSINESS/COMPANY? | | | FROM QUESTION H32 |
| | | | | 0 NOT APPLICABLE | 7531/3647 | | |
| | | | | 1 ONE PROMOTION IN THE PAST FIVE YEARS | 1804/ 816 | | |
| | | | | 2 TWO PROMOTIONS IN THE PAST FIVE YEARS | 982/ 435 | | |
| | | | | 3 THREE PROMOTIONS IN THE PAST FIVE YEARS | 482/ 218 | | |
| | | | | 4 FOUR PROMOTIONS IN THE PAST FIVE YEARS | 146/ 72 | | |
| | | | | 5 FIVE OR MORE PROMOTIONS IN THE PAST FIVE YEARS | 196/ 83 | | |
| | | | | 8 NO PROMOTIONS IN THE PAST FIVE YEARS | 8918/3995 | | |
| | | | | 9 NOT STATED | 189/ 72 | | |
| 258 | DV_H34 | 002 | 333-334 | DERIVED VARIABLE - HOW MANY HOURS PER WEEK DO YOU NORMALLY USE THIS EQUIPMENT? | | | FROM QUESTION H34 |
| | | | | 00:40 HOURS | 4078/1841 | | |
| | | | | 41 41 OR MORE | 151/ 66 | | |
| | | | | 97 NOT APPLICABLE | 15853/7371 | | |
| | | | | 99 NOT STATED | 165/ 60 | | |
| 259 | DV_K1 | 001 | 0335 | DERIVED VARIABLE - ARE YOU SATISFIED OR DISSATISFIED WITH YOUR RETIREMENT? | | | THE FIELDS K1A AND K1B WERE COMBINED TO FORM THIS NEW VARIABLE. |
| | | | | 0 NOT APPLICABLE | 18001/8257 | | |
| | | | | 1 VERY DISSATISFIED | 59/ 30 | | |
| | | | | 2 SOMEWHAT DISSATISFIED | 79/ 50 | | |
| | | | | 3 SOMEWHAT SATISFIED | 640/ 318 | | |
| | | | | 4 VERY SATISFIED | 1379/ 642 | | |
| | | | | 5 SATISFIED WITH JOB / NOT STATED AS TO THE DEGREE | 7/ 3 | | |
| | | | | 7 NO OPINION | 23/ 16 | | |
| | | | | 9 NOT STATED | 62/ 22 | | |

GSS CYCLE 4 MICRODATA FILE DICTIONARY

| FIELD | ACRONYM | LENGTH | POSITION | QUESTION & VARIABLE DESCRIPTIONS | POP. EST./SAMPLE ('000) | COUNT | COMMENTS |
|-------|----------|--------|----------|---|---|-------|---|
| 260 | DVK2_RET | 001 | 0336 | DERIVED VARIABLE - IN WHAT YEAR DID YOU RETIRE? 0 NOT APPLICABLE 1 1964 OR BEFORE 2 1965 - 1969 3 1970 - 1974 4 1975 - 1979 5 1980 - 1984 6 1985 - 1989 9 NOT STATED | 18001/8257 126/ 66 126/ 74 236/ 127 425/ 207 691/ 320 503/ 225 140/ 62 | | FROM QUESTION K2 |
| 261 | DV_L4 | 001 | 0337 | DERIVED VARIABLE - ARE YOU SATISFIED OR DISSATISFIED TO BE KEEPING HOUSE AS YOUR MAIN ACTIVITY? 0 NOT APPLICABLE 1 VERY DISSATISFIED 2 SOMEWHAT DISSATISFIED 3 SOMEWHAT SATISFIED 4 VERY SATISFIED 5 SATISFIED WITH JOB / NOT STATED AS TO THE DEGREE 7 NO OPINION 9 NOT STATED | 17655/7998 80/ 44 214/ 109 714/ 376 1517/ 782 6/ 2 11/ 7 50/ 20 | | THE FIELDS L4A AND L4B WERE COMBINED TO FORM THIS NEW VARIABLE. MAIN ACTIVITY REFERS TO THAT ACTIVITY WHERE RESPONDENT SPENDS MOST OF HIS/HER TIME. |
| 262 | DV_M5 | 002 | 338-339 | DERIVED VARIABLE - ON AVERAGE, ABOUT HOW MANY HOURS DO YOU SPEND EACH MONTH ON UNION ACTIVITIES? 00:20 HOURS PER MONTH 21 21 OR MORE 97 NOT APPLICABLE 99 NOT STATED | 3622/1693 39/ 18 16267/7503 319/ 124 | | FROM QUESTION M5 |
| 263 | DV_N3A | 001 | 0340 | DERIVED VARIABLE - ARE YOU SATISFIED OR DISSATISFIED WITH YOUR HEALTH? 1 STRONGLY DISSATISFIED 2 SOMEWHAT DISSATISFIED 3 SOMEWHAT SATISFIED 4 STRONGLY SATISFIED 5 SATISFIED WITH STATEMENT / NOT STATED AS TO THE DEGREE 6 DISSATISFIED WITH STATEMENT / NOT STATED AS TO THE DEGREE 7 NO OPINION 9 NOT STATED | 883/ 456 1770/ 855 5229/2443 12031/5447 6/ 3 3/ 1 21/ 16 305/ 117 | | THE FIELDS N3A AND N3AB WERE COMBINED TO FORM THIS NEW VARIABLE. |

| FIELD | ACRONYM | LENGTH | POSITION | QUESTION & VARIABLE DESCRIPTIONS | POP. EST./SAMPLE COUNT | COMMENTS |
|-------|---------|--------|----------|---|---|--|
| 264 | DV_N3B | 001 | 0341 | DERIVED VARIABLE - ARE YOU SATISFIED OR DISSATISFIED WITH YOUR EDUCATION? 1 STRONGLY DISSATISFIED 2 SOMEWHAT DISSATISFIED 3 SOMEWHAT SATISFIED 4 STRONGLY SATISFIED 5 SATISFIED WITH STATEMENT / NOT STATED AS TO THE DEGREE 7 NO OPINION 9 NOT STATED | 1380/ 704 3622/1727 8080/3746 6679/2953 10/ 5 161/ 78 316/ 125 | THE FIELDS N3B AND N3BB WERE COMBINED TO FORM THIS NEW VARIABLE. |
| 265 | DV_N3C | 001 | 0342 | DERIVED VARIABLE - ARE YOU SATISFIED OR DISSATISFIED WITH YOUR JOB OR MAIN ACTIVITY? 1 STRONGLY DISSATISFIED 2 SOMEWHAT DISSATISFIED 3 SOMEWHAT SATISFIED 4 STRONGLY SATISFIED 5 SATISFIED WITH STATEMENT / NOT STATED AS TO THE DEGREE 7 NO OPINION 9 NOT STATED | 870/ 397 1405/ 675 6682/3120 10688/4912 3/ 4 276/ 103 324/ 127 | THE FIELDS N3C AND N3CB WERE COMBINED TO FORM THIS NEW VARIABLE. MAIN ACTIVITY REFERS TO THAT ACTIVITY WHERE RESPONDENT SPENDS MOST OF HIS/HER TIME. |
| 266 | DV_N3D | 001 | 0343 | DERIVED VARIABLE - ARE YOU SATISFIED OR DISSATISFIED WITH THE WAY YOU SPEND YOUR OTHER TIME? 1 STRONGLY DISSATISFIED 2 SOMEWHAT DISSATISFIED 3 SOMEWHAT SATISFIED 4 STRONGLY SATISFIED 5 SATISFIED WITH STATEMENT / NOT STATED AS TO THE DEGREE 6 DISSATISFIED WITH STATEMENT / NOT STATED AS TO THE DEGREE 7 NO OPINION 9 NOT STATED | 464/ 230 1485/ 713 7312/3398 10437/4770 5/ 1 8/ 3 207/ 95 330/ 128 | THE FIELDS N3D AND N3DB WERE COMBINED TO FORM THIS NEW VARIABLE. |

GSS CYCLE 4 MICRODATA FILE DICTIONARY

| FIELD | ACRONYM | LENGTH | POSITION | QUESTION & VARIABLE DESCRIPTIONS | POP. EST./SAMPLE ('000) | COUNT | COMMENTS |
|-------|---------|--------|----------|---|-------------------------|--|--|
| 267 | DV_N3E | 001 | 0344 | <p>DERIVED VARIABLE - ARE YOU SATISFIED OR DISSATISFIED WITH YOUR FINANCES?</p> <p>1 STRONGLY DISSATISFIED</p> <p>2 SOMEWHAT DISSATISFIED</p> <p>3 SOMEWHAT SATISFIED</p> <p>4 STRONGLY SATISFIED</p> <p>5 SATISFIED WITH STATEMENT / NOT STATED AS TO THE DEGREE</p> <p>6 DISSATISFIED WITH STATEMENT / NOT STATED AS TO THE DEGREE</p> <p>7 NO OPINION</p> <p>9 NOT STATED</p> | | <p>1764/ 897</p> <p>2998/1409</p> <p>9810/4463</p> <p>5186/2371</p> <p>3/ 4</p> <p>1/ 1</p> <p>153/ 57</p> <p>333/ 136</p> | THE FIELDS N3E AND N3EB WERE COMBINED TO FORM THIS NEW VARIABLE. |
| 268 | DV_N3F | 001 | 0345 | <p>DERIVED VARIABLE - ARE YOU SATISFIED OR DISSATISFIED WITH YOUR HOUSING?</p> <p>1 STRONGLY DISSATISFIED</p> <p>2 SOMEWHAT DISSATISFIED</p> <p>3 SOMEWHAT SATISFIED</p> <p>4 STRONGLY SATISFIED</p> <p>5 SATISFIED WITH STATEMENT / NOT STATED AS TO THE DEGREE</p> <p>7 NO OPINION</p> <p>9 NOT STATED</p> | | <p>609/ 304</p> <p>1017/ 513</p> <p>6310/2972</p> <p>11945/5401</p> <p>8/ 4</p> <p>41/ 22</p> <p>318/ 122</p> | THE FIELDS N3F AND N3FB WERE COMBINED TO FORM THIS NEW VARIABLE. |
| 269 | DV_N3G | 001 | 0346 | <p>DERIVED VARIABLE - ARE YOU SATISFIED OR DISSATISFIED WITH YOUR SPOUSE, LIVING PARTNER OR SINGLE STATUS?</p> <p>1 STRONGLY DISSATISFIED</p> <p>2 SOMEWHAT DISSATISFIED</p> <p>3 SOMEWHAT SATISFIED</p> <p>4 STRONGLY SATISFIED</p> <p>5 SATISFIED WITH STATEMENT / NOT STATED AS TO THE DEGREE</p> <p>6 DISSATISFIED WITH STATEMENT / NOT STATED AS TO THE DEGREE</p> <p>7 NO OPINION</p> <p>9 NOT STATED</p> | | <p>461/ 282</p> <p>772/ 460</p> <p>4548/2186</p> <p>13726/6095</p> <p>8/ 6</p> <p>1/ 2</p> <p>376/ 162</p> <p>355/ 145</p> | THE FIELDS N3G AND N3GB WERE COMBINED TO FORM THIS NEW VARIABLE. |

| FIELD | ACRONYM | LENGTH | POSITION | QUESTION & VARIABLE DESCRIPTIONS | POP. EST./SAMPLE ('000) COUNT | COMMENTS |
|-------|---------|--------|----------|--|--|--|
| 270 | DV_N3H | 001 | 0347 | DERIVED VARIABLE - ARE YOU SATISFIED OR DISSATISFIED WITH YOUR RELATIONSHIP WITH FRIENDS AND FAMILY MEMBERS? 1 STRONGLY DISSATISFIED 2 SOMEWHAT DISSATISFIED 3 SOMEWHAT SATISFIED 4 STRONGLY SATISFIED 5 SATISFIED WITH STATEMENT / NOT STATED AS TO THE DEGREE 7 NO OPINION 9 NOT STATED | 86/ 48 333/ 158 4024/1734 15387/7223 8/ 7 74/ 34 335/ 134 | THE FIELDS N3H AND N3HB WERE COMBINED TO FORM THIS NEW VARIABLE. |
| 271 | DV_N3I | 001 | 0348 | DERIVED VARIABLE - ARE YOU SATISFIED OR DISSATISFIED WITH YOURSELF (SELF-ESTEEM)? 1 STRONGLY DISSATISFIED 2 SOMEWHAT DISSATISFIED 3 SOMEWHAT SATISFIED 4 STRONGLY SATISFIED 5 SATISFIED WITH STATEMENT / NOT STATED AS TO THE DEGREE 6 DISSATISFIED WITH STATEMENT / NOT STATED AS TO THE DEGREE 7 NO OPINION 9 NOT STATED | 85/ 57 617/ 301 6233/2905 12804/5859 27/ 10 2/ 1 138/ 66 342/ 139 | THE FIELDS N3I AND N3IB WERE COMBINED TO FORM THIS NEW VARIABLE. |
| 272 | DV_N4 | 001 | 0349 | DERIVED VARIABLE - HOW DO YOU FEEL ABOUT YOUR LIFE AS A WHOLE RIGHT NOW? ARE YOU SATISFIED OR DISSATISFIED? 1 STRONGLY DISSATISFIED 2 SOMEWHAT DISSATISFIED 3 SOMEWHAT SATISFIED 4 STRONGLY SATISFIED 5 SATISFIED WITH STATEMENT / NOT STATED AS TO THE DEGREE 7 NO OPINION 9 NOT STATED | 212/ 121 820/ 436 7180/3357 11562/5233 30/ 13 129/ 51 315/ 127 | THE FIELDS N4A AND N4B WERE COMBINED TO FORM THIS NEW VARIABLE. |

| FIELD | ACRONYM | LENGTH | POSITION | QUESTION & VARIABLE DESCRIPTIONS | POP. EST./SAMPLE ('000) | COUNT |
|-------|---------|--------|----------|----------------------------------|-------------------------|-------|
|-------|---------|--------|----------|----------------------------------|-------------------------|-------|

COMMENTS

| | | | | | | |
|-----|----------|-----|------|---|------------------------------------|---|
| 273 | DV_P160T | 001 | 0350 | DERIVED VARIABLE - WHAT LANGUAGE DID YOU FIRST SPEAK IN CHILDHOOD?...OTHER 1 YES 2 NO 9 NOT STATED | 3291/1270 16741/7983 215/ 85 | THIS VARIABLE REPRESENTS THE RESPONSES GIVEN FOR P16ITA, P16GER, P16UKR AND P160TH. |
|-----|----------|-----|------|---|------------------------------------|---|

| | | | | | | |
|-----|----------|-----|------|--|--|--|
| 274 | DVP16SOT | 001 | 0351 | DERIVED VARIABLE - DO YOU STILL UNDERSTAND THAT/THOSE LANGUAGE(S)? ...OTHER 0 NOT APPLICABLE 1 YES 2 NO 9 NOT STATED | 16741/7983 3010/1169 114/ 53 383/ 133 | THIS VARIABLE REPRESENTS THE RESPONSES GIVEN FOR P16STITA, P16STG P16STUKR AND P16STOTH. |
|-----|----------|-----|------|--|--|--|

| | | | | | | |
|-----|----------|-----|------|--|------------------------------------|---|
| 275 | DV_P170T | 001 | 0352 | DERIVED VARIABLE - WHAT LANGUAGE DO YOU SPEAK MOST OFTEN AT HOME?...OTHER 1 YES 2 NOT APPLICABLE 9 NOT STATED | 1614/ 488 18396/8752 238/ 98 | THIS VARIABLE SUMMARIZES THE RESPONSES GIVEN IN P17 FOR ITALIAN, GERMAN, CHINESE OR OTHER. "YES" IMPLIES THAT AT LEAST ONE OF THESE LANGUAGES WAS SPOKEN AT HOME BY THE RESPONDENT. |
|-----|----------|-----|------|--|------------------------------------|---|

| | | | | | | |
|-----|--------|-----|---------|---|---|--|
| 276 | DV_P18 | 002 | 353-354 | WHAT, IF ANY, IS YOUR RELIGION? 01 NO RELIGION 02 ROMAN CATHOLIC 03 UNITED CHURCH 04 ANGLICAN 05 PRESBYTERIAN 06 LUTHERAN 07 BAPTIST 08 EASTERN ORTHODOX 09 JEWISH 10 OTHER NON-PROTESTANT RELIGIONS 11 OTHER PROTESTANT RELIGIONS 98 NOT STATED 02 - 11 99 NOT STATED | 2651/1153 9161/3888 2271/1313 1781/ 938 566/ 253 527/ 269 473/ 273 189/ 78 261/ 77 699/ 262 1238/ 654 66/ 28 365/ 152 | AFTER EXAMINATION OF THE SPECIFIED 'OTHER' RELIGIONS, THOSE RELIGIONS THAT WERE FOUND TO BE 'OTHER PROTESTANT' RELIGIONS WERE GIVEN THE VALUE '11'. THE VALUE '98' WAS ASSIGNED FOR THOSE RECORDS USING THE RELIGIOUS ATTENDANCE QUESTION (P19). |
|-----|--------|-----|---------|---|---|--|

| | | | | | | |
|-----|----------|-----|------|--|---|--|
| 277 | DVP200TH | 001 | 0355 | DERIVED VARIABLE - TO WHICH ETHNIC OR CULTURAL GROUP DO YOU OR DID YOUR ANCESTORS BELONG? WOULD IT BE ANOTHER ETHNIC OR CULTURAL GROUP? 1 YES 2 NO 8 DON'T KNOW 9 NOT STATED | 4790/2018 14866/7007 230/ 151 362/ 162 | THIS VARIABLE REPRESENTS THE RESPONSES GIVEN FOR 'OTHER' AND 'CANADIAN'. THESE CATEGORIES WERE NOT READ. |
|-----|----------|-----|------|--|---|--|

| FIELD | ACRONYM | LENGTH | POSITION | QUESTION & VARIABLE DESCRIPTIONS | POP. EST./SAMPLE ('000) | COUNT | COMMENTS |
|-------|----------|--------|----------|---|--|--------|---|
| 278 | DVSALP27 | 005 | 356-360 | DERIVED VARIABLE - RESPONDENT'S PERSONAL INCOME 00000:60000 99998 DON'T KNOW 99999 NOT STATED | 15932/7394 2834/1314 1481/ 630 | | FROM QUESTION P27. INCOMES \$60000 OR GREATER ARE RECODED AS \$60000. |
| 279 | DVMAIN_7 | 001 | 0361 | DERIVED VARIABLE - RESPONDENT'S MAIN ACTIVITY FOR SEVEN DAYS PRIOR TO THE SURVEY 1 RESPONDENT WAS WORKING AT A JOB OR BUSINESS 2 RESPONDENT WAS LOOKING FOR WORK 3 RESPONDENT WAS A STUDENT 4 RESPONDENT WAS KEEPING HOUSE 5 RESPONDENT WAS RETIRED 6 RESPONDENT WAS DOING ANOTHER ACTIVITY 7 RESPONDENT, ALTHOUGH HE/SHE NORMALLY DOES WORK, (SEE COMMENTS) 9 NOT STATED | 12155/5404 1112/ 538 1178/ 444 2550/1326 2305/1134 321/ 169 585/ 309 | 42/ 14 | FROM QUESTIONS G4, G5, G6, G20, G26, G27, G28 & G30. THE RESPONDENT DIDN'T WORK LAST WEEK BECAUSE OF EITHER: ILLNESS, VACATION, MATERNITY LEAVE, FAMILY RESPONSIBILITIES, LAYOFF, LABOUR DISPUTE, BAD WEATHER, SEASONAL BUSINESS, |
| 280 | DVSUP_DR | 002 | 362-363 | DERIVED VARIABLE - DETERMINES THE TYPE OF EMPLOYMENT AND SUPERVISION RESPONSABILITIES OF THE RESPONDENT. 11 RESPONDENT HAS PERMANENT JOB/DIRECTLY SUPERVISES PERSONNEL 12 RESPONDENT HAS PERMANENT JOB/DOESN'T DIRECTLY SUPERVISE 19 RESPONDENT HAS PERMANENT JOB/NOT STATED AS TO SUPERVISING 21 RESPONDENT HAS TEMPORARY JOB/DIRECTLY SUPERVISES PERSONNEL 22 RESPONDENT HAS TEMPORARY JOB/DOESN'T DIRECTLY SUPERVISE 31 RESPONDENT IS SELF-EMPLOYED/DIRECTLY SUPERVISES PERSONNEL 32 RESPONDENT IS SELF-EMPLOYED/DOESN'T DIRECTLY SUPERVISE | 3725/1736 7531/3331 21/ 6 130/ 66 712/ 302 261/ 104 268/ 123 | | FROM QUESTIONS H14, H15 AND H21 |

| FIELD | ACRONYM | LENGTH | POSITION | QUESTION & VARIABLE DESCRIPTIONS | POP. EST./SAMPLE ('000) | COUNT | COMMENTS |
|-------|----------|--------|----------|---|---|-------|---|
| 280 | DVSUP_DR | 002 | 362-363 | 39 RESPONDENT IS SELF-EMPLOYED/NOT STATED AS TO SUPERVISING 97 NOT APPLICABLE 99 NOT STATED | 1/ 7531/3647 67/ 22 | 1 | |
| 281 | DVJOBS_7 | 001 | 0364 | DERIVED VARIABLE - USED TO INDICATE IF A RESPONDENT WHO WAS IN THE LABOUR FORCE HAD ONE OR MORE JOBS DURING THE REFERENCE WEEK. 0 NOT APPLICABLE 1 RESPONDENT HELD ONLY ONE JOB 2 RESPONDENT HELD TWO OR MORE JOBS 9 NOT STATED | 7531/3647 12028/5396 636/ 279 53/ 16 | | THE FIELDS G20 AND H1 WERE COMBINED TO FORM THIS NEW VARIABLE. |
| 282 | DVM_AGE | 001 | 0365 | DERIVED VARIABLE - RESPONDENT'S CHOICE OF AGE FOR MANDATORY RETIREMENT 0 NOT APPLICABLE 1 25 - 45 2 46 - 55 3 56 - 59 4 AGE 60 5 61 - 64 6 AGE 65 7 66+ 9 NOT STATED | 12582/5692 43/ 19 1326/ 660 81/ 32 2487/1137 119/ 48 2879/1404 168/ 78 563/ 268 | | THE FIELDS H58B, K15B, K36B AND L29B WERE COMBINED TO FORM THIS NEW VARIABLE. |
| 283 | DV_DIFJB | 002 | 366-367 | DERIVED VARIABLE - BETWEEN JANUARY 1984 AND DECEMBER 1988, HOW MANY DIFFERENT JOBS DID YOU HAVE? BY DIFFERENT JOBS WE MEAN DIFFERENT DUTIES WITH THE SAME EMPLOYER, OR DIFFERENT EMPLOYERS. 00:10 11 11 OR MORE 97 NOT APPLICABLE 99 NOT STATED | 15583/7094 156/ 79 4197/2052 311/ 113 | | THE FIELDS H53, K31 AND L23 WERE COMBINED TO DERIVE THIS NEW VARIABLE. |

| FIELD | ACRONYM | LENGTH | POSITION | QUESTION & VARIABLE DESCRIPTIONS | POP. EST./SAMPLE ('000) COUNT | COMMENTS |
|-------|---------|--------|----------|---|-----------------------------------|----------|
| 284 | CLASS | 002 | 368-369 | DERIVED VARIABLE - THIS IS THE RESPONDENT'S GLC CLASS CODE ASSIGNED BY GUY COTE | | |
| | | | 01 | SELF-EMPLOYED HIGHER PROFESSIONALS AND EMPLOYERS | 254/ 96 | |
| | | | 02 | EMPLOYED HIGHER PROFESSIONALS AND MANAGERS | 1112/ 503 | |
| | | | 03 | LOWER PROFESSIONALS, EMPLOYERS AND MANAGERS | 1943/ 883 | |
| | | | 04 | TEACHERS, NURSES AND MEDICAL TECHNOLOGISTS | 946/ 483 | |
| | | | 05 | WHITE COLLAR SUPERVISORS AND SPECIALIZED SALES | 435/ 207 | |
| | | | 06 | HIGHER WHITE COLLARS | 1606/ 758 | |
| | | | 07 | MEDIUM EMPLOYERS (5 TO 25 EMPLOYERS) | 204/ 84 | |
| | | | 08 | SMALL PROPRIETORS AND ARTISANS (0 TO 4 EMPLOYEES) | 692/ 315 | |
| | | | 09 | SMALL PROPRIETORS IN AGRICULTURE, FISHING, FORESTRY | 243/ 161 | |
| | | | 10 | BLUE COLLAR FOREMEN AND UPPER MANUAL TECHNICIANS | 509/ 207 | |
| | | | 11 | HIGHER BLUE COLLARS | 1539/ 614 | |
| | | | 12 | LOWER BLUE COLLARS | 1084/ 449 | |
| | | | 13 | FOREMEN AND EMPLOYEES IN AGRICULTURE, FISHING, FORESTRY | 146/ 87 | |
| | | | 14 | LOWER WHITE COLLARS | 585/ 239 | |
| | | | 15 | LOWER QUALIFIED AND OCCASIONAL WORKERS | 1293/ 559 | |
| | | | 97 | NOT APPLICABLE | 7531/3647 | |
| | | | 99 | NOT STATED | 128/ 46 | |
| 285 | NUSCO | 002 | 370-371 | DERIVED VARIABLE - THIS IS THE RESPONDENT'S COLLAPSED GLC SCORE FOR THE OCCUPATION IN 1989. | | |
| | | | 15:83 | | 12589/5645 | |
| | | | 97 | NOT APPLICABLE | 7531/3647 | |
| | | | 99 | NOT STATED | 128/ 46 | |

THE GLC CLASS WAS COMPUTED FROM THE REVISED 1989 SOC 4-DIGIT CODES, AS WELL AS OTHER EMPLOYMENT STATUS INFORMATION. FOR FURTHER INFORMATION: GUY L. COTE, 748 ROCKLAND AVENUE, OUTREMONT, QUEBEC, H2V 2Z6

APPENDIX E

**Specifications for Mapping
3 Digit Major Field of Study
Codes into 11 Groups**

Mapping of 3 Digit Major Field of Study Codes into 11 Groups

| CODE RANGE | GROUPED CODE | EDUCATION DESCRIPTION |
|---------------|--------------|---|
| 001 - 046 | 01 | Educational, Recreational and Counselling Services |
| 047 - 079 | 02 | Fine and Applied Arts |
| 080 - 124 | 03 | Humanities and Related Fields |
| 125 - 187 | 04 | Social Sciences and Related Fields |
| 188 - 220 | 05 | Commerce, Management and Business Administration |
| 221 - 266 | 06 | Agricultural and Biological Sciences/Technologies |
| 267 - 301 | 07 | Engineering and Applied Sciences |
| 302 - 369 | 08 | Engineering and Applied Science Technologies and Trades |
| 370 - 441 | 09 | Health Professions, Sciences and Technologies |
| 442 - 480 | 10 | Mathematics and Physical Sciences |
| 481, 482, 485 | 11 | All other n.e.c. |
| 483, 999 | 99 | Not Stated |

Note: For definition of detailed 1986 Major Field of Study, see "Major Field of Study Code Book, 1986 Census of Canada", Statistics Canada, 1986, Catalogue R-420.

APPENDIX F

**Specifications for Mapping
3 Digit Standard Industrial
Codes into 13 Groups**

Mapping of 3 Digit SIC Codes into 13 Groups

| 1980 SIC CODE RANGE | GROUPED CODE | SIC DESCRIPTION |
|---|-----------------|-------------------------------------|
| 011 - 017, 021 - 023 | 01 | Agriculture |
| 031 - 033, 041, 051, 061 - 063, 071, 081 - 082, 091 - 092 | 02 | Other Primary |
| 101 - 109, 111 - 114, 121 - 122, 151 - 159, 161 - 169, 171, 181 - 183, 191 - 199, 243 - 249, 271 - 279, 281 - 284, 361 - 369, 371 - 379, 391 - 399 | 03 | Manufacturing: Non-durable Goods |
| 251 - 259, 261 - 269, 291 - 299, 301 - 309, 311 - 319, 321 - 329, 331 - 339, 351 - 359 | 04 | Manufacturing: Durable Goods |
| 401 - 402, 411 - 412, 421 - 429, 441 - 449 | 05 | Construction |
| 451 - 459, 461, 471 - 479, 481 - 484, 491 - 499 | 06 | Transportation |

Mapping of 3 Digit SIC Codes into 13 Groups (cont.)

| 1980 SIC CODE RANGE | GROUPED CODE | SIC DESCRIPTION |
|--|--------------|-----------------------|
| 501, 511, 521 - 524, 531 - 532, 541 - 543, 551 - 552, 561 - 563, 571 - 579, 591 - 599 | 07 | Wholesale Trade |
| 601 - 603, 611 - 615, 621 - 623, 631 - 639, 641, 651 - 659, 691 - 692 | 08 | Retail Trade |
| 701 - 709, 711 - 712, 721 - 729, 731 - 733, 741 - 749, 751 - 759, 761 | 09 | Finance |
| 851 - 859, 861 - 869, 961 - 969, 981 | 10 | Community Services |
| 911 - 914, 921 - 922, 971 - 979, | 11 | Personal Services |
| 771 - 779, 982 - 986, 991 - 996, 999 | 12 | Business Services |
| 811 - 817, 822 - 827, 832 - 837, 841 | 13 | Public Administration |

Note: For definition of detailed 1980 SIC codes, see "Standard Industrial Classification", Statistics Canada, December 1980, Catalogue 12-501.

APPENDIX G

**Specifications for Mapping
4 Digit Standard Occupation
Codes into 34 Groups**

Mapping of 4 Digit SOC Codes into 34 Groups

| 1980 SOC CODE RANGE | GROUPED CODE | SOC DESCRIPTION |
|---|-----------------|--|
| 1111 - 1119, 1130 - 1137, 1141 - 1149 | 01 | Managers and Administrators |
| 1171 - 1179 | 02 | Management and Administration Related |
| 2111 - 2119, 2131 - 2139, 2181 - 2189 | 03 | Life Sciences, Maths, Systems Analysts and Related |
| 2141 - 2147, 2151 - 2159, 2160 - 2169 | 04 | Architects, Engineers and Related |
| 2311 - 2319, 2331 - 2339, 2341 - 2349, 2350 - 2359, 2391 - 2399, 2511 - 2519 | 05 | Social Science, Religion and Related |
| 2711 - 2719, 2731 - 2739, 2791 - 2799 | 06 | Teaching and Related |
| 3111 - 3119 3130 - 3139, 3151 - 3158, 3161 - 3169 | 07 | Health Occupations and Related |
| 3311 - 3319, 3330 - 3339, 3351 - 3359, 3360, 3370 - 3379 | 08 | Artistic and Recreational |
| 4110 - 4113 | 09 | Stenographic and Typing |
| 4130 - 4139 | 10 | Bookkeeping, Account-recording and Related |
| 4140 - 4143, 4150 - 4159 | 11 | EDP Operators and Material Recording |
| 4170 - 4179 | 12 | Reception, Info., Mail and Message Distribution |

Mapping of 4 Digit SOC Codes into 34 Groups (cont.)

| 1980 SOC CODE RANGE | GROUPED CODE | SOC DESCRIPTION |
|---|--------------|---|
| 4160 - 4169, 4190 - 4199 | 13 | Library, File., Corres., Other Clerical and Related |
| 5130 - 5135, 5141 - 5149 | 14 | Sales, Commodities |
| 5170 - 5179, 5190 - 5199 | 15 | Sales, Services |
| 6111 - 6119 | 16 | Protective Services |
| 6120 - 6129, 6130 - 6139 | 17 | Food, Beverage Preparation, Lodging and Accommodation Related |
| 6141 - 6149, 6160 - 6169 | 18 | Personal, Apparel and Furnishing Services |
| 6190 - 6199 | 19 | Other Service Occupations |
| 7113 - 7119, 7180 - 7185, 7195 - 7199 | 20 | Farm Occupations |
| 7311 - 7319, 7510 - 7519, 7710 - 7719 | 21 | Primary Occupations |
| 8210 - 8217, 8221 - 8229 | 22 | Food and Beverage Processing |
| 8110 - 8119, 8130 - 8137, 8141 - 8149, 8150 - 8159, 8160 - 8167, 8171 - 8179, 8230 - 8239, 8250 - 8259, 8260 - 8267, 8271 - 8279, 8290 - 8299 | 23 | Processing Occupations (except Food) |

Mapping of 4 Digit SOC Codes into 34 Groups (cont.)

| 1980 SOC CODE RANGE | GROUPED CODE | SOC DESCRIPTION |
|---|-----------------|---|
| 8310 - 8319, 8330 - 8339, 8350 - 8359, 8370 - 8379, 8390 - 8399, 8510 - 8515, 8523 - 8529 | 24 | Machining and Related Occupations |
| 8530 - 8539 | 25 | Electrical, Electronics and Related Equipment |
| 8550 - 8557, 8561 - 8569 | 26 | Textiles, Furs and Leather |
| 8540 - 8549, 8570 - 8579, 8590 - 8599 | 27 | Wood Products, Rubber, Plastics and Other Related |
| 8580 - 8589 | 28 | Mechanics and Repairmen, except Electrical |
| 8710 - 8719, 8730 - 8739 | 29 | Excavating, Paving, Wire Communications and Related |
| 8780 - 8787, 8791 - 8799 | 30 | Other Construction Trades |
| 9110 - 9119, 9130 - 9139, 9151 - 9159, 9170 - 9179, 9190 - 9199 | 31 | Transport Equipment Operating Occupations |
| 9310 - 9319 | 32 | Material Handling |
| 9510 - 9519, 9530 - 9539, 9550 - 9559, 9590 - 9599 | 33 | Other Crafts & Equipment |
| 9910 - 9919 | 34 | Other Occupations, n.e.c. |
| 0011 | 99 | Not Stated |

Note: For definition of detailed 1980 SOC codes, see "Standard Occupational Classification", Statistics Canada, February 1981, Catalogue 12-565.

