Special Surveys Division
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Microdata User's Guide

National Private Vehicle Use Survey

January - September 1996

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Canada

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1.0 INTRODUCTION

The National Private Vehicle Use Survey was conducted by Statistics Canada between October 1994 - September 1996, with the cooperation and support of Natural Resources Canada. This micro-data file contains household based information on the number of personal-use passenger cars, vans and light trucks in Canada for the period January 1996 to September 1996. File information comprises household demographics, fleet profiles, distance travelled, and fuel purchase and fuel-use information for a randomly selected household vehicle. Background data on the household and household vehicle fleet was collected in a telephone interview, while data on fuel consumption patterns were collected by asking respondents to keep a diary of the kilometres driven and fuel purchases for a one month period. This manual has been produced to facilitate the manipulation of the microdata file of the survey results.

Any questions about the data set or its use should be directed to:

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2.0 BACKGROUND

The “oil crisis” of the 1970s led to a growing concern about Canadian security of energy supply. This concern resulted in a need for greater monitoring of fuel-use which led to the development of the Fuel Consumption Survey (FCS). The FCS provided quarterly estimates on the amount of fuel used and the number of kilometres driven by personal-use vehicles. In 1988 this survey was suspended as the “oil crisis” had passed and concern about petroleum reserves had been further mitigated by new oil discoveries, new oil extraction technologies and more fuel efficient vehicles.

The recognition of problems such as acid rain, urban smog and the debate about global warming has increased concerns in the 1990s, about emissions generated from the burning of fossil fuels. Concerns about air quality have resulted in renewed interest in energy conservation. With 50% of road transportation being accounted for by the use of privately owned road vehicles, it is not surprising that the relationship between the environment and vehicle-use is an important area of concern. In 1988 this translated into approximately 17 billion litres of fuel consumed by personal-use passenger cars.

In June of 1994, Statistics Canada conducted a field-test of the background questionnaires. Based on findings from this test, the background questions were fine-tuned and it was agreed to conduct a full-scale survey.

Statistics Canada began conducting the National Private Vehicle-use survey on behalf of Natural Resources Canada in October of 1994 with collection continuing through to the end of September 1996. This microdata file represents data for the period January 1996 through September 1996.

3.0 OBJECTIVES

The purpose of the National Private Vehicle Use Survey is to provide measures of vehicle fuel use and the determinants of fuel-use. Specific survey objectives can be identified as follows:

- provide national estimates of annual fuel use for personal-use vehicles (includes passenger cars/light trucks and vans);
- provide national estimates of total distance driven;
- identify the main factors in the purchase of a vehicle;
- identify in a general fashion how households use their vehicles;
- develop driver profiles by sex, age marital status, income, education and occupational group;
- develop vehicle profiles by body style, model year, number of cylinders, transmission type, and presence or absence of air conditioning.

4.0 CONCEPTS AND DEFINITIONS

This chapter outlines concepts and definitions of interest to the users. As the sample for the National Private Vehicle Use Survey was selected from Labour Force Survey rotates-out, the user is provided with the "generic" concepts and definitions used in the Labour Force Survey. These concepts and definitions are described in section 4.1, while those specific to the National Private Vehicle Use Survey are given in section 4.2. Users are advised that where discrepancies occur the definitions provided in section 4.2 should be deemed correct. Users are referred to Chapter 12 of this document for a copy of the actual survey forms used.

4.1 Labour Force Survey Concepts and Definitions

Labour Force Status

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

Employed

Employed persons are those who, during the reference week:

(a) did any work[1] at all

(b) had a job but were not at work due to:
- own illness or disability
- personal or family responsibilities
- bad weather
- labour dispute
- vacation

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

- other reason not specified above (excluding persons on layoff and persons whose job attachment was to a job starting at a definite date in the future).

Unemployed

Unemployed persons are those who, during the reference week:

(a) were without work, had actively looked for work in the past four weeks (ending with reference week), and were available for work[2];

(b) had not actively looked for work in the past four weeks but had been on layoff[3] and were available for work;

(c) had not actively looked for work in the past four weeks but had a new job to start in four weeks or less from the reference week, and were available for work.

Not in the Labour Force

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

Industry and Occupation

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

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[2] Persons in this group meeting the following criteria are regarded as available:

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

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

[3] Persons are classified as being on layoff only when they expect to return to the job from which they were laid off.

Reference week

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

Full-time

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

Part-time

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

4.2 National Private Vehicle Use Survey Concepts and Definitions

Labour Force Status**:**

Due to the time lag between the respondent household's participation in the Labour Force Survey and the NaPVUS, the labour force status of eligible household members 15 years of age and over is updated. This process means that change in Labour Force Status can be ascertained, but will not permit the identification of "job-changers".

SIC/SOC:

The file contains the LFS industrial and occupational classifications as determined during the labour force interview. Industrial and occupational classifications were not updated during the NaPVUS, and therefore household members that are new to the labour force will have no classification and those household members who changed jobs will be improperly classified.

Valid Provincial Driver's Licence:

Excluded from the definition of a valid provincial driver's license are those respondents with only a learning permit, those respondents with a suspended license and those respondents who let their license expire.

Vehicle Ownership/Lease:

This includes all vehicles that have a personal-use application. Therefore company cars that have a personal-use component should be included. The only exceptions are as follows:

Motorcycles/Mopeds/Scooters
Recreational Vehicles
Vehicles used 100% of the time for Business
1/2 or 3/4 ton trucks used 100% of the time as a camper truck

Vehicle Make[4]**:**

The make typically refers to the manufacturer of the vehicle, such as Ford, Chrysler, Dodge, Chevrolet, Pontiac, Buick, Toyota, Honda, Volkswagen etc.[5] There are instances where this can be confusing, for instance Acura, Lexus, Infiniti are the make but Honda, Toyota and Nissan are the manufacturers. In cases where the make and model are incongruous then "model" is used to determine "make".

Vehicle Model**:**

The model refers to the general design/shape of the vehicle. Typically vehicles are provided with a name and/or number to designate the model. Two examples under the Chevrolet make would be Cavalier, Lumina, while Ford has the Taurus, Escort, Aerostar and Honda has Civics, and Accords.

Model Year:

The model year refers to the year of manufacture not the year of purchase. This information is recorded as reported by the respondent.

[4] Vehicle make and vehicle model are suppressed on the microdata file.

[5] Although many vehicle manufactures have one umbrella name ie., General Motors, Chrysler, Ford, the separate divisions of the company are used to associate "Make".

Vehicle Type**:**

For classification purposes vehicles are categorized into a variety of types. These types should help facilitate analysis where counts might otherwise be too small. The list of vehicle types is as follows:

Station Wagon
2 door passenger car (including hatchback)
4 door passenger car (including hatchback)
Mini Van
Pickup
Full-size Van (includes cargo and window vans)
Other Truck type
Other (specify)_____
Don't Know

Included under the two door and four door classification would be convertibles and a variety of sports cars. The category "Other Truck type" is where "sport-utility vehicles" / four "wheel drive vehicles" that are not pick-up trucks will be found. These special purpose or utility vehicles include such vehicles as the various Jeeps, the Ford Explorer , the Pontiac Sunrunner etc.,

Purchased New:

Included in the purchased new category are dealer demonstrators. These vehicles typically come with a full warranty.

Year Vehicle Purchased**:**

This refers to the year that the current owner of the vehicle purchased the vehicle, and does not necessarily coincide with model year. Information is recorded as reported by the respondent.

Personal-use vehicle fleet:

A vehicle is defined as a personal-use vehicle if it was owned and operated for at least some personal use during the reference period. Certain categories of vehicles were excluded from the survey, for example, rental vehicles, taxis, fleet-operated vehicles, driver training vehicles and antique vehicles. (Users comparing with the Fuel Consumption Survey should be aware that the Fuel Consumption Survey also excluded leased vehicles).

Vehicle Operated**:**

A vehicle is considered to be operated if it is driven at all during the survey month.

Number of Cylinders**:**

The number of cylinders were as reported by the respondent, or as reported in the Sanford and Evans vehicle data book.

Transmission Type:

Transmission type is presented as reported by the respondent. Only respondents indicating a standard transmission were asked to identify how many speeds the transmission was.

Fuel Consumed:

This is the estimated amount of fuel consumed by an operated vehicle during the survey month.

Fuel Consumption Ratio**:**

The total fuel consumed by a group of operated vehicles divided by the total distance driven by those vehicles expressed in litres/100 kilometres. It is equivalent to a weighted average of the Fuel Consumption Rates of individual vehicles, where the “Weight” of the vehicle is the distance driven by the vehicle.

Fuel Consumption Rate:

The total fuel consumed by the operated vehicle divided by the distance driven by that vehicle.

Kilometres Driven:

The estimated distance an operated vehicle was driven during the survey month.

Model Year Class:

The designation of the model year for each vehicle as specified by the manufacturer and indicated by the respondent during the interview. The model year 1974 and earlier includes all vehicles that are 1974 and older.

Survey Month:

The date beginning with the first day of the month and ending on the last day of the month for which the survey results apply. The month selected always refers to the month for which a fuel purchase diary was to be completed.

Reasons for Selecting Vehicle:

Respondents were asked to rank the three most important reasons for purchasing the vehicles they currently own based on 5 choices. The initial 5 choices were determined based on previous focus group and pilot testing of the reasons why people purchase a new vehicle. However, a review of the “other specify” notes indicated that a large number of respondents purchased used vehicles. In the review of the notes two response categories became apparent (friends/family and Good shape/low mileage).

Therefore these two response categories have been added to the file. The list is as follows:

01 Price
02 Safety
03 Fuel Economy
04 Reputation
05 Design or Performance
06 Friends/Family (used vehicles)
07 Good shape/low mileage (used vehicles)
08 None of the above
96 Valid skip
97 Don't know
98 Refusal

The category of reputation includes reasons such as reliability, had the same before, brand loyalty, brand association, and warranty. The category design or performance, includes appearance, space/size. It should be noted that reasons for purchasing a vehicle such as breakdown, needed a new vehicle, old age, accident, are not explanations of why a particular vehicle was selected and were not deemed acceptable during the interview process.

Data users should be cautioned that responses to these categories provide a preliminary indication of factors that drive the decision to purchase a given vehicle, but are not definitive. For example, respondents who indicated that price was important are not necessarily stating that low price was the main reason they in fact may be saying that the price within a certain price range of vehicles was the best which is a significantly different interpretation.

Seasonal Vehicle Use:

Respondents were asked to identify if their vehicle was used year round and if not to indicate if it was used in the summer or winter. Given the overlap between seasons and vehicle use it is likely that many vehicles used in the summer or winter will also be used in part of the spring or fall. Therefore, if the respondent indicated they started using the vehicle in the spring through the summer and into the fall then summer was indicated. If the reverse occurred then winter was indicated.

Vehicle Use Past 30 Days:

Vehicle use refers to the types of activities that the vehicle is used for. In other words the purpose of the trip. Although the categories are not mutually exclusive they do provide a general indication of the reason for vehicle use. The categories are as follows:

Getting to and from Work
Getting to and from School
Picking up or dropping off someone
shopping/errands
social activities

recreation/sports
just going for a drive
personal or family appointment
one-way trips of more than 100 kilometres

Getting to and from work refers to commuting to work and home but does not include using the vehicle for work. *Picking up or Dropping Off Someone* includes driving children to school or other activities, driving someone to a doctor's appointment or shopping. *Just going for a drive* refers to taking a drive just for the enjoyment or pleasure of the drive. *Personal or family appointments* include going to see a doctor, lawyer, or dentist etc. *One way trips of more than 100 kilometres* refers to just the distance in one direction.

Business Purposes:

Refers to vehicles used for the business or job. This does not refer to commuting to work.

Full-engine tune-up:

Typically a full-engine tune-up refers to spark plug and ignition wire replacement, fuel injection or carburetor adjustments, and timing adjustments. An oil and filter change is not a full-engine tune-up.

Odometer Reading:

Refers to the total number of kilometres that the vehicle has been driven at the time of the reading. The odometer reading should not be confused with the trip odometer that only provides limited readings.

Type of Fuel:

The respondent is provided with 6 categories. Unleaded fuel comes as regular, medium, and premium and there is also diesel, propane and natural gas. Ethanol blended fuel is classified into one of the unleaded categories as indicated by the respondent.

Price per Litre**:**

The price is as indicated. Purchases made in America have been converted.

Amount of Fuel Purchased:

The purchase is as indicated. Purchases in U.S. gallons have been converted to litres.

Total Paid for Fuel:

The total paid is as indicated. Purchases made in U.S. dollars have been converted to Canadian dollars.

5.0 SURVEY METHODOLOGY

The National Private Vehicle Use Survey was administered from October 1994 through September 1996, to a sub-sample of the dwellings that had rotated-out of the Labour Force Survey (LFS) sample, during the previous **3-25** months; therefore the sample design is closely tied to that of the LFS. The LFS design is briefly described in Sections 5.1 to 5.4[6] Sections 5.5 and 5.6 describe how the National Private Vehicle Use Survey departed from the basic LFS design in January 1996 - September 1996.

5.1 Population Coverage

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

5.2 Sample Design

The LFS has undergone an extensive redesign, culminating in the introduction of the new design at the end of 1994. The LFS sample is based upon a stratified, multi-stage design employing probability sampling at all stages of the design. The design principles are the same for each province. A diagram summarizing the design stages appears at the end of this section.

[6] A detailed description of the LFS design is available in the Statistics Canada publication entitled **Methodology of the Canadian Labour Force Survey,** (catalogue #71-526).

5.2.1 Primary Stratification

Provinces are divided into economic regions and employment insurance regions. Economic regions (ERs) are geographic areas of more or less homogeneous economic structure formed on the basis of federal provincial agreements. They are relatively stable over time. Employment insurance economic regions (EIERs) are also geographic areas, and are roughly the same size and number as ERs, but they do not share the same definitions. Labour force estimates are produced for the EIER regions for the use of Human Resources Development Canada.

The intersections of the two types of regions form the first level of stratification for the LFS. These ER/EIER intersections are treated as primary strata and further stratification is carried out within them (see section 5.2.3). Note that a third set of regions, Census Metropolitan Areas (CMAs), is also respected by stratification in the current LFS design, since each CMA is also an EIER.

5.2.2 Types of Areas

The primary strata (ER/EIER intersections) are further disaggregated into 3 types of areas: rural, urban, and remote areas. Urban and rural areas are loosely based on the Census definitions of urban and rural, with some exceptions to allow for the formation of strata in some areas. Urban areas include the largest CMAs down to the smallest villages categorized by the 1991 Census as urban (1000 people or more), while rural areas are made up of areas not designated as urban or remote.

All urban areas are further subdivided into two types: those using an apartment list frame and an area frame, as well as those using only an area frame.

Approximately 1% of the LFS population is found in remote areas of provinces which are less accessible to LFS interviewers than other areas. For administrative purposes, this portion of the population is sampled separately through the remote area frame. Some populations, not congregated in places of 25 or more people, are excluded from the sampling frame.

5.2.3 Secondary Stratification

In urban areas with sufficiently large numbers of apartment buildings, the strata are subdivided into apartment frames and area frames. The apartment list frame is a register which is based upon information supplied by CMHC and is maintained in the 18 largest cities across Canada. The purpose of this is to ensure better representation of apartment dwellers in the sample as well as to minimize the effect of growth in clusters, due to construction of new apartment buildings. In the major cities, the apartment strata are further stratified into low income strata and regular strata.

Where it is possible and/or necessary, the urban area frame is further stratified into regular strata, high income strata, and low population density strata. Most urban areas fall into the regular urban strata, which, in fact, cover the majority of Canada's population. High income strata are found in major urban areas, while low density urban strata consist of small towns that are geographically scattered.

In rural areas, the population density can vary greatly from relatively high population density areas to low population density areas, resulting in the formation of strata that reflect these variations. The different stratification strategies for rural areas were based not only on concentration of population, but also on cost-efficiency and interviewer constraints.

In each province, remote settlements are sampled proportional to the number of dwellings in the settlement, with no further stratification taking place. Dwellings are selected using systematic sampling in each of the places sampled.

5.2.4 Cluster Delineation and Selection:

Households in final strata are not selected directly. Instead, each stratum is divided into clusters, and then a sample of clusters is selected within the stratum. Dwellings are then sampled from selected clusters. Different methods are used to define the clusters, depending on the type of stratum.

Within each urban stratum in the urban area frame, a number of geographically contiguous groups of dwellings, or clusters, are formed based upon 1991 Census counts. These clusters are generally a set of one or more city blocks or block faces. The selection of a sample of clusters (always 6 or a multiple of 6 clusters) from each of these secondary strata represents the first stage of sampling in most urban areas. In some other urban areas, Census Enumeration Areas (EAs) are used as clusters. In the low density urban strata, a three stage design is followed. Under this design, two towns within a stratum are sampled, and then six or 24 clusters within each town are sampled.

For urban apartment strata, instead of defining clusters, the apartment building is the primary sampling unit. Apartment buildings are sampled from the list frame with probability proportional to the number of units in each building.

Within each of the secondary strata in rural areas, where necessary, further stratification is carried out in order to reflect the differences among a number of socio-economic characteristics within each stratum. Within each rural stratum, six EAs or two or three groups of EAs are sampled as clusters.

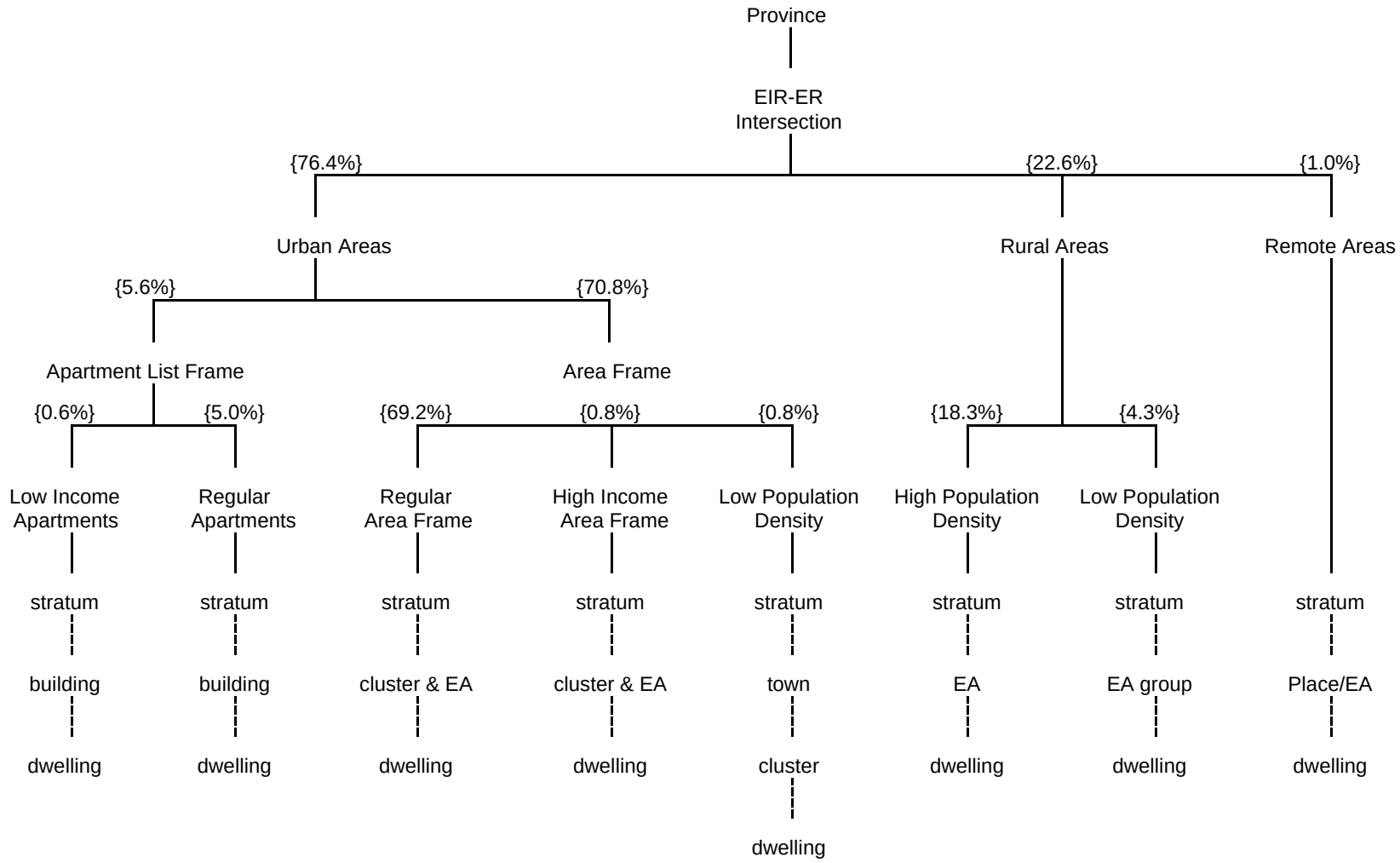
5.2.5 Dwelling Selection

In all three types of areas (urban, rural and remote areas) selected clusters are first visited by enumerators in the field and a listing of all private dwellings in the cluster is prepared. From the listing, a sample of dwellings is then selected. The sample yield depends on the type of stratum. For example, in the urban area frame, sample yields are either 6 or 8 dwellings, depending on the size of the city. In the urban apartment frame, each cluster yields 5 dwellings, while in the rural areas and EA parts of cities, each cluster yields 10 dwellings. In all clusters, dwellings are sampled systematically. This represents the final stage of sampling.

5.2.6 Person Selection

Demographic information is obtained for all persons for whom the selected dwelling is the usual place of residence. LFS information is obtained for all civilian household members 15 years of age or older. Response burden is minimized for the elderly (70 years of age or older) by carrying forward their responses for the initial interview to the subsequent five months in the survey.

Labour Force Survey Sample Design - 1995+



5.3 Sample Size

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

The monthly LFS sample consists of approximately 68,000 dwellings. After excluding dwellings found to be vacant, dwellings demolished or converted to non-residential uses, dwellings containing only ineligible persons, dwellings under construction, and seasonal dwellings, about 58,000 dwellings remain which are occupied by one or more eligible persons. From these dwellings, LFS information is obtained for approximately 118,500 civilians aged 15 or over.

5.4 Sample Rotation

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

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

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

5.5 Modifications to the LFS Design for the NaPVUS

The National Private Vehicle Use Survey follows the same coverage guidelines as the LFS. For the three first quarters of 1996 NAPVUS used five rotation groups from previous LFS surveys to obtain the sample. The respondents to NaPVUS were asked to complete the diaries for a one month period between January 1996 through September 1996. For the National Private Vehicle Use Survey, the coverage of the LFS was modified to include all members of the household and was not restricted by an upper age bound. The National Private Vehicle Use Survey updated the household roster for all household members.

5.6 Sample Size by Province and Region for NaPVUS

The following table shows the number of dwellings in the LFS sampled rotations that were eligible for the National Private Vehicle Use Survey supplement.

NaPVUS Sample Size by Province January 1996 - September 1996

PROVINCE	SAMPLE SIZE
Newfoundland	828
Prince Edward Island	720
Nova Scotia	873
New Brunswick	952
Atlantic Canada	3,373
Quebec	2,502
Ontario	2,502
Manitoba	1,179
Saskatchewan	1,251
Alberta	1,251
Prairie	3,681
British Columbia	1,251
CANADA	**13,309**

6.0
DATA COLLECTION

Data collection for the National Private Vehicle Survey is carried out in two stages which includes a telephone interview followed by diary. During the first two weeks of the month preceding the diary month respondents are contacted and complete a telephone interview. Following the telephone interview, and with the respondents approval a diary is mailed to the respondent household, which is to be completed during the following month. The respondents then return the diary using a stamped addressed envelope.

6.1 Interviewing for the NaPVUS

Statistics Canada computer assisted telephone interviewing (CATI) clerks, are part-time employees hired and trained specifically to carry out cati interviews. The clerks contact each of the sampled dwellings to determine the households eligibility to participate in the survey and then conduct the survey. The survey is comprised of two distinct components, first there is a telephone interview and then respondents are asked to complete a fuel purchase diary.

The CATI clerk first determines that the household reached is in fact the sampled dwelling. If the household contacted does not reside at the sampled dwelling (regardless of reason) then the interview is terminated. Once it is established that the household reached is residing at the sampled dwelling then the interview commences. The first step is to update the socio-demographic information for each household member. In all cases, information about all household members is obtained from a knowledgeable household member - usually the person at home when the interviewer calls. Such 'proxy' reporting, which accounts for approximately 55% of the information collected, is used to avoid the high cost and extended-time requirements that would be involved in repeat calls necessary to obtain information directly from each respondent. Once the household roster has been reviewed and updated as required then the interviewer determines if the respondent can provide information about the household vehicle fleet.

6.2 Supervision and Control

All CATI clerks are under the supervision of a staff of supervisors who are responsible for ensuring that interviewers are familiar with the concepts and procedures of the NaPVUS Periodic monitoring of interviewers and reviewing their completed interviews permitted for the quick identification and resolution of problems. Supervision and control was also enhanced through monthly training updates. The supervisors were, in turn, under the supervision of the CATI program manager, who was in direct contact with the NaPVUS project manager.

6.3 Data Collection Procedures for the National Private Vehicle Use Survey

The National Private Vehicle Use Survey was administered to a knowledgeable household member who answered the phone, or the household member who was identified by the person who answered the phone as knowledgeable. If the knowledgeable respondent is busy or not available then the interviewer would arrange for a convenient time to phone back.

The procedures for the telephone component of the survey require that all working household vehicles that are for personal use be listed and general information collected. Following this the CATI system randomly selects one vehicle to be the “selected” vehicle. Further questions are asked about the use of this vehicle.

Following the completion of the telephone interview the respondent is asked if they would be willing to complete a self-completion fuel purchase diary for the “selected vehicle” for the following month. If agreed then the interviewer confirms the address and who in the household should receive the diary package. Mailing labels are generated with the contact name and mailing address for the envelope and also for the diary with the selected vehicle make, model and year identified on the label. The respondent household is asked to keep the diary in the selected vehicle and ensure that all users of the vehicle record any fuel purchases in the diary. Upon completion of the 1 month period the respondent household returns the diary to Statistics Canada for data capture and processing.

6.4 Non-Response to the NaPVUS

Non-response for NaPVUS could occur in either of the two collection instruments. In the first instance there may be non-response to the telephone interview. Interviewers are instructed to make all reasonable attempts to obtain NaPVUS interviews with members of eligible households. For individuals who at first refuse to participate in the NaPVUS, a follow up call is made by supervisory staff to try and convert the respondent stressing the importance of the survey and the household's cooperation.[7] For cases in which there is no answer, up to 8 call backs are made at varying days and times.[8] A review of non-response indicates that single person households are the most difficult to reach, with males being the most difficult to contact and females being most likely to refuse. Under no circumstances are sampled dwellings replaced by other dwellings for reasons of non-response.

Each month, after all attempts to obtain telephone interviews have been made, a small number of non-responding households remain.[9] For households not responding to the NaPVUS no survey information was collected and fuel purchase diaries are not sent to the household.

The second stage of non-response for NaPVUS is the fuel purchase diary. The first step in improving response rates is to enclose a covering letter with the diary that has a 1-800 number for the respondent's use should they have any outstanding concerns or queries. The second step in improving response rates is to contact the household prior to the start of the diary collection period to ensure the diary was received and answer any questions the respondent may have. This procedure allowed us to courier a second diary to those households that did not receive their diary through the regular post. The call also allowed the interviewer to address any questions or concerns the respondent may have and indicates to the respondent that we are very serious about the survey. Upon completion of the "fuel-purchase diary" respondents are asked to return the diary in the postage paid pre-addressed envelope provided when the diary is sent to household. The procedure in place is to log in diary returns the week

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[7] If the refusal is considered "hostile" in the first instance then no follow up call is attempted.

[8] When answering machines are encountered the interviewer will leave a message providing a 1-800 number for the respondent household.

[9] Concern about systematic omission of single person households has resulted in an adjustment to the weights to take this into account.

following the diary collection month. After one week, a listing of non-returns is generated and the household is contacted and reminded to return the diary. This procedure is repeated after the second week for those diaries still outstanding. No further calls are made after the second week.

The National Private Vehicle Use Survey background interview was completed for 9,299 households for a telephone response rate of 70%. Of this group 7,576 households had a vehicle and agreed to participate in the survey, while 1,246 households were “zero vehicle” households as they did not own or lease a vehicle at the time of the survey.[10] Based on usable diary returns and zero vehicle households information was processed for 4,874 households, for a household response rate of 54%. More detailed information on response rates is presented in Chapter 8 (Data Quality).

[10] Households without a vehicle were not sent a diary and were therefore not deemed eligible households for the diary component of the survey, although they are considered in the calculation of the diary weights.

7.0 DATA PROCESSING

The main output of the National Private Vehicle Use Survey is a "clean" microdata file. This section presents a brief summary of the processing steps involved in producing this file.

7.1 Data Capture

Data capture for NaPVUS includes two steps. The background questionnaire was captured during the course of the interview using the computers that are part of the CATI local area network located in Statistics Canada's Head Offices. The fuel purchase diary was captured using an STC data capture system. During this process all returned diaries were logged into the system, manually reviewed and eligible diaries were captured. The files were split into 0 entry, 1 entry and more than 1 entry. The raw files were transmitted to the NaPVUS team where they were read into a SAS data set for post capture processing.

In total 9,300 background questionnaires and 4,222 diaries were captured with data transmitted to Special Surveys Division for processing. After editing this number was reduced to 9,299 background questionnaires and 3,628 diaries.

7.2 Editing

The first stage in the post capture processing cycle was to run the physical edits, check for duplicates and standardize the response code sets[11]. The physical edits also remove out of range values and replace them with blanks. The purpose of this phase of editing is to facilitate the running of the main edit programs.. Review of text notes and cleaning of make and model information also occur at this stage of post capture processing.

Diary pre-edits were developed to ensure that required entries were standardized. This included, for example, converting U.S. Gallons to litres and miles to kilometres. Diaries were also examined for incorrectly entered

[11] An example of this standardization process involves turning all YES responses to 1 and all NO responses to 2.

or captured decimal places and corrected (eg 555 cents per litre instead of 55.5 cents per litre). Diary edits also ensured that all entries fell within the diary month plus or minus 1 week. Cases that fell outside these parameters were removed.

The main edit program involves both top-down edits and cross-screen edits. The process ensures that flow patterns work and logical inconsistencies are eliminated. Examples of these inconsistencies includes, ensuring that Model Year of Vehicle (Q5c) and Year of Purchase (Q15A) did not allow for a year of purchase more than 2 years prior to the model year, and for new vehicles the year of purchase could not be more than 2 years after the model year. A second concern was to ensure that respondents who indicated that the vehicle was used 100% for business (Q23) were not in conflict with the responses provided in Q20. Where a conflict occured the response in Q23 was changed to don't know. Another problem that arose was where Q23 = 0% business use, but Q22 indicated that the vehicle was used for business. Based on a review of the record these cases had Q22 changed to no rather than yes. A further conflict that occured between variables involved Q20/Q24 and Q24a. In some instances the respondent indicated vehicle use in Q20, but not in Q24 or Q24a. The fix in these cases involved changing the Q24 or Q24a record as required and indicating don't know in Q25/Q26a/Q26b and Q26c.

Following this procedure the diary file and the background questionnaire file are merged and the derived variables are added to the file.

7.3 Coding of open-ended questions

A few data items on the background questionnaire were recorded by interviewers in an open-ended format. A total of 8 partially or completely open-ended questions were included in the survey. These were items relating to the make and model of the vehicle, the number of kilometres driven in the past 12 months, percentage of time driving the selected vehicle and also 3 instances where respondents indicated "other" and specified. Make and model text were reviewed manually for spelling and to ensure that make and model were consistent,[12] and also that they were not reversed such that the "model" appeared where the "make" should have been indicated.

[12] The consistency check ensures that the make and model are appropriate. Thus a Chevrolet Impala is not entered as a Chrysler Impala. In cases where confusion exists and no other information is available the more specific name - 'model'- is considered correct and the make of the vehicle is revised.

Editing also occurred in the field indicating the number of kilometres driven in the past 12 months. Errors occurred where respondents indicated that they provided the information for a week or a month rather than a year. Errors also occurred where respondents with older vehicles provided the information in miles rather than kilometres. In these cases the numbers were transformed to kilometres.

Further edits occurred where the percentage use of the selected household vehicle did not approximate 100%. In these cases proportional redistribution was performed.

A review of diary responses indicated that in the "Other specify" field for fuel type all responses could be classified as either regular, medium or premium unleaded fuel. Entries in the "amount paid" field that were made as U.S. dollars were converted to Canadian dollars based on a monthly exchange rate.[13]

Imputation occurred on the diary where missing cells could be completed based on information present. For example, if a respondent provided price per litre and total number of litres purchased then total amount paid could be imputed. Other variables where imputation might occur include amount of fuel purchased, and price per litre.

An element of the 1996 file has been the imputation of 520 fuel purchase diaries. Through the use of a regression model we have been able to impute a fuel consumption rate where 2 fill-ups did not exist. The records to be imputed had less than 2 fill-ups, but did have multiple fuel purchases and information for all the independent variables indicated below. The dependent variable in the imputation model is the natural logarithm of the variable DVLTRMTH (estimated amount of fuel consumed during the survey month). The independent variables used in the model are:

- natural logarithm of the variable DVKMMTH (estimated number of kilometres driven during the survey month);
- number of cylinders;
- type of vehicle;
- transmission;
- household size (DVHHSZE);
- rural-urban indicator;
- number of fuel purchases (DVPURCH);

The imputed records are flagged on the file. The indicator for these records is DVIMPIND.

[13] The monthly exchange rate was determined by averaging the daily rates of the month.

7.4 Creation of Derived Variables

A number of data items on the microdata file have been derived by combining items on the questionnaire in order to facilitate data analysis.

REGION- refers to the region in which the household is located

1 - Atlantic
2 - Quebec
3 - Ontario
4 - Prairies
5 - British Columbia

GEOAGG1 - refers to rural or urban as based on the LFS definitions of SRU and NSRU.

R - Rural
U - Urban

GEOAGG - Refers to geographic location identified in urban size groups

01 - Urban Area > 500,000
02 - Urban Area 100,000 - 500,000
03 - Urban Area 30,000 - 99,999
04 - Urban Area 15,000 - 29,999
05 - Urban Area < 15,000
06 - Rural
96 - Valid Skip
97 - Don't Know

MTV - Refers to the CMA of Montreal, Toronto, and Vancouver

1 - Montreal/Toronto/Vancouver
2 - Not in Montreal/Toronto/Vancouver

DVHHSZE - this variable will be created for each household based on the counting of columns D1..D6;

DWLTYPE - Dwelling type was created from information provided on the LFS form 03. As the sample is selected on dwelling this information should not change even when household composition changes;

01 Single Detached
02 Double
03 Row or Terrace
04 Duplex

05 Low rise apt. (Less than 5 stories)
06 High rise apt. (Greater than or equal to 5 stories)
09 Mobile Home
NOTE: further grouping may be required contingent on counts

TENURE - a variable will be placed on each record to indicate if the household rents or owns the dwelling that they occupy;

1 - Own
2 - Rent
7 - Don't Know

Age Group - household members ages will be grouped into 6 categories

01 LT16
02 16-24
03 25-34
04 35-44
05 45-54
06 55-65
07 66 years and over
97 Don't Know

DVPRESCH - Indicates the number of children in the household between 0 and 5.

0 - No preschoolers
1 - 1 preschooler (age 0-5)
2 - 2 or more preschoolers
6 - Valid skip
7 - Don't Know

DVKIDS - Indicates the number of children in the household between the ages of 6-15

0 - No children 6-15
1 - 1 Child
2 - 2 or more children
6 - Valid skip
7 - Don't Know

DV15LESS - Number of household members with age less than 16

00 - None less than 16
01 - 1 household member less than 16
02 - 2 or more household members less than 16
97 - Don't Know
98 - Refusal

DV16PLUS - this variable will provide counts showing the dichotomy between those members of the hhld below the age of 16 and those who are 16 and over. (Typically 16 is the legal driving age).

01 - 16 Years of age and over
02 - Less than 16 years of age
97 - Don't Know
98 - Refusal

DVSFTPT- this variable will indicate the number of household members greater than or equal to 16 years of age that are in school full-time or part-time (not employed full-time or part-time);

00 0 school full-time or part time
01 1 school full-time or part-time
02 2 school full-time or part-time
03 3 school full-time or part-time
04 4 school full-time or part-time
05 5 school full-time or part-time
06 6 or more school full-time or part time
96 valid skip
97 don't know
98 refusal

DVWFTPT - Number of household members greater than or equal to the age of 16 working full-time or part-time.

00 **-** 0 working full-time or part-time
01 - 1 working full-time or part-time
02 - 2 working full-time or part-time
03 - 3 working full-time or part-time
04 - 4 working full-time or part-time
05 - 5 working full-time or part-time
06 - 6 or more working full-time or part-time
96 - valid skip
97 - don't know
98 - refusal

DVNSNW - Number of household members greater than or equal to the age of 16 that are not attending school or are not working at at a job.

00 - 0 not in school/not working
01 - 1 not in school/not working
02 - 2 not in school/not working
03 - 3 not in school/not working
04 - 4 not in school/not working
05 - 5 not in school/not working
06 - 6 or more not in school/not working

96 - Valid Skip
97 - Don't Know
98 - Refusal

DVLEA - Level of educational attainment of person (1-6)
This information is collected for each person in the hhld.

1 - Some or no postsecondary
2 - Graduated from high school
3 - Some postsecondary
4 - Completion of postsecondary (incl.University/other postsec.)
6 - Valid Skip
7 - Don't Know
8 - Refused

DVSEGP Employment status of household members (1-6)
This information is collected for each person in the hhld.

1 - School full-time or part-time (not employed full-time or part-time)
2 - Employed full-time or part-time
3 - Not employed/not in school
4 - Valid skip
7 - Don't Know
8 - Refusal

IND12- This variable indicates the industry group the individual household member was working at the time of the Labour Force Survey unless the individual either entered or exited the Labour Force between the LFS and NaPVUS. Information is based on the Standard Industrial Classifications collected during the LFS..

01 Agriculture
02 Other primary
03 Manufacturing
04 Construction
05 Transportation, communications and utilities
06 Trade
07 Finance, insurance and real estate
08 Education, health and welfare
09 Business, commercial, personal and miscellaneous services
10 Public administration
11 Unemployed/not in the labour force

OCC15 - This variable will indicate the occupational status of the individual household member at the time of the Labour Force Survey, unless the individual either entered or exited the Labour Force between the LFS survey and NaPVUS. Information is based on Standard Occupational Classifications collected during the LFS.

01 Managerial, administrative and related;
02 Natural sciences, engineers and mathematics;
03 Social sciences and religion;
04 Teaching and related;
05 Medicine and health;
06 Artistic, literary, recreational and related;
07 Clerical and office operation;
08 Sales;
09 Service to community and individuals, NEC;
10 Primary (farming/fishing/forestry/mining etc);
11 Manufacturing and Processing;
12 Construction and Transportation;
13 Materials Handling and Other;
14 Never Worked/Permanently unable to work;
15 Last worked more than 5 years ago;

OCC04 - This variable groups occupation into four groups

1 Professional, Managerial;
2 Clerical, Sales, Service;
3 Blue Collar Worker;
4 Not in the Labour Force

NOTE: this variable is based on OCC15.

DVDRLIC - This dv provides the user with a count of the number of household members with a valid drivers licence.

00 0 household members with a valid drivers license;
01 1 household member with a valid drivers license;
02 2 household members with a valid drivers license;
03 3 household members with a valid drivers license;
04 4 household members with a valid drivers license;
05 5 household members with a valid drivers license;
06 6 household members with a valid drivers license;
97 Don’t Know
98 Refusal

DVNUMV - Number of working vehicles in the household that are personal-use.This variable provides a count of the number of working vehicles in the household that are plated and are for personal-use.

0 - No Vehicle
1- 6 - Number of working vehicles
7 - Don't Know
8 - Refusal

VAGE001 - Number of vehicles in the household fleet 1 year old or less

1-6 - Number of vehicles 1 Year old or less

VAGE0205 - Number of vehicles in the household fleet 2-5 years of age

1-6 - Number of vehicles 2-5 years old

VAGE0610 - Number of vehicles in the household fleet 6-10 years of age

1-6 - Number of vehicles 6-10 years old

VAGE11PL - Number of vehicles in the household fleet greater than 10 years of age

1- 6 - Greater than 10 years old

VAGEDKNO - Number of vehicles in the household fleet where the age of the vehicle is unknown;

DVAIR- indicates the number of vehicles in the household with airconditioning and without

00-06 - Number of vehicles with air conditioning
96 - Valid Skip
97 - Don't Know
98 - Refusal

DVPURNW - indicates the number of household vehicles purchased new.

00-06 - Number of vehicles purchased new
96 - Valid Skip
97 - Don't Know
98 - Refusal

DVMDU_A - Number of household vehicles used for getting to and from work;

00-06	Number of vehicles
96	Valid Skip
97	Don't Know
98	Refusal

DVMDU_B - number of household vehicles used for getting to and from school;

00-06	Number of vehicles
96	Valid Skip
97	Don't Know
98	Refusal

DVMDU_C - number of household vehicles used for picking up or dropping someone off;

00-06	Number of vehicles
96	Valid Skip
97	Don't Know
98	Refusal

DVMDU_D - number of household vehicles used for shopping/errands;

00-06	Number of vehicles
96	Valid Skip
97	Don't Know
98	Refusal

DVMDU_E - number of household vehicles used for social activities;

00-06	Number of vehicles
96	Valid Skip
97	Don't Know
98	Refusal

DVMDU_F - Number of household vehicles used for recreation/sports;

00-06	Number of vehicles
96	Valid Skip
97	Don't Know
98	Refusal

DVMDU_G - Number of household vehicles used for just going for a drive;

00-06	Number of vehicles
96	Valid Skip
97	Don't Know
98	Refusal

DVMDU_H - Number of household vehicles used for personal or family appointment;

00-06 Number of vehicles
96 Valid Skip
97 Don't Know
98 Refusal

DVMDU_I - Number of household vehicles used for one way trips of more than 100 kilometres;

00-06 Number of vehicles
96 Valid Skip
97 Don't Know
98 Refusal

DVTOTKM-Provides a summation of the estimated total number of kilometres driven for personal-use, by all vehicles in the household fleet during the past 12 months. Information is based on Q21 in the background questionnaire

_____ kms
999996 Valid Skip
999997 Don't Know
999998 Refusal

NBDRSV-This variable indicates how many household members drive the selected vehicle

00-06 Number of drivers of the selected vehicle
96 Valid Skip
97 Don't Know
98 Refusal

DVAGE01 - This variable indicates the age of the 1st household member on the household roster that drives the selected vehicle;

16-65 Age
66+ Age 66 and over
96 Valid Skip
97 Don't Know

DVAGE02 - This variable indicates the age of the 2nd household member on the household roster that drives the selected vehicle;

16-65 Age
66+ Age 66 and over
96 Valid Skip
97 Don't Know

DVAGE03-06 These variables indicate the ages of the 3rd through to the 6th household member on the household roster that drives the selected vehicle. Information for all individuals on the household roster in positions 7-15 is suppressed on the microdata file;

16-65	Age
66+	Age 66 and over
96	Valid Skip
97	Don't Know

DVPURCH - This variable indicates the total number of "stated" fuel purchases (regardless of quantity) for the selected vehicle during the diary month

01-30	Number of purchases
96	Valid Skip

DVFILLUP - This variable indicates the total number of "stated" fillups during the diary period;

01-30	Number of fill-ups
96	Valid Skip

DVTOTLTR - This variable indicates the estimated amount of **fuel purchased** during the diary month. The estimate is determined by adding up the volume of all "stated" fuel purchases during the diary month. All data are expressed in litres.

0	Zero Use of Vehicle
01-30	Number of litres
96	Valid Skip

DVEFC - This variable indicates the **estimated amount of fuel consumed** by the selected vehicle during the diary month. Estimates of fuel consumption are based on the distance travelled during the diary month as indicated in the diary and the fuel consumption rate.

0000.0	Zero Use of Vehicle
0001.0 - 1500.0	Litres
9999.6	Valid Skip
9999.7	Don't Know
9999.9	Could not calculate

DVAVGCST - This variable indicates the average price paid per litre during the diary month. This average is based on the total amount of fuel purchased and the total dollars spent to create an average price per litre.

0	Zero Use of Vehicle
0.00.0 $	Average cost per litre
9.99.6	Valid Skip
9.999	Could not calculate

DVFCR - This variable indicates the fuel consumption rate for the selected vehicle. This variable is calculated based on a minimum of two fillups and the number of kilometres driven between these fill-ups.

0	Zero Use of Vehicle
0.0 - 65.0	Litres per 100 kilometres
99.6	Valid Skip
99.7	Don't Know
99.9	Could not calculate

DVKMDRV -This variable indicates the total number of kilometres driven during the diary month as indicated on the diary;

0	Zero Use of Vehicle
0000:9995	Number of Kilometres
9996	Valid Skip
9997	Could Not Calculate

DVDAYREP -This variable indicates the total number of days for which the respondent collected information during the diary month. Information is based on the first and last entry as indicated by the respondent.

00	Zero Use of Vehicle
01:45	Number of days
96	Valid Skip
97	Could not Calculate

DVKMMTH - This variable provides the estimated number of kilometres driven during the diary month. This variable is standardized to the number of days in the diary month;

00000	Zero Use
00001:99995	Number of Kilometres
99996	Valid Skip
99997	Could not Calculate

DVLTRMTH - This variable provides the estimated amount of fuel consumed during the diary month. This variable is standardized to the number of days in the diary month;

0000.0	Zero Use
000.0:1500.0	Litres
9999.6	Valid skip
9999.7	Don't Know

DVPAID - This variable indicates the total amount paid for fuel for the selected vehicle during the diary period. Information is based on data provided by respondents.

0	Zero Use
001.00:1000.00	$
999.96	Valid Skip
999.97	Don’t Know

DVFUELTP - This variable indicates the most frequent fuel type purchased for the selected vehicle during the diary period, as indicated by the respondent. Codes 08, 09, 10 and 11 indicate that the different fuel types were purchased with the same frequency.

00	No fuel purchased
01	Regular Unleaded gasoline
02	Medium unleaded gasoline
03	Premium unleaded gasoline
04	Diesel fuel
05	Propane gas
06	Natural gas
07	Other fuel type
08	Regular unleaded & medium unleaded gasoline
09	Regular unleaded & premium unleaded gasoline
10	Medium unleaded & premium unleaded gasoline
11	Regular unleaded & medium unleaded & premium unleaded gasoline
96	Valid Skip

DIARYKMS - Kilometres driven in the past 12 months as recorded on the diary.

000000	Zero Use of Diary
000001	1:10000
999996	Valid Skip
999997	Don’t Know

DVDTYPE - This variable indicates the number of fuel purchases entered on the diary. Respondent household entries are categorized as zero fuel purchases, 1 fuel purchase and 2 or more fuel purchases. Households with no vehicles are coded as 6. Households that refused to complete a diary are coded as 8.

DVAVGKM - This variable indicates the number of kilometres driven between fuel purchases in the diary month. This variable provides users with an indication of fuel purchases patterns;

0000:1500	Kms
9996	Valid Skip
9997	Don’t Know

7.5 Weighting

The principle behind estimation in a probability sample such as the LFS is that each household in the sample “represents”, besides itself, several other households not in the sample. For example, in a simple random 2% sample of the population, each household in the sample represents 50 households in the population.

The weighting phase is a step that calculates, for each record, what this number is. This weight appears on the microdata file for each record and must be used to derive meaningful estimates from the survey. This is done separately for “Background questionnaire-level” and “Diary-level” variables.

The appropriate weight must be used to derive estimates from the microdata file. (For example, if the number of vehicles having air conditioning is to be estimated from Q12 on the background questionnaire, it is done by selecting all vehicles with that characteristic in all household records and summing the BQ weights entered on those records.) Should the analysis only involve households that returned diaries then the diary weight should be used. Users are cautioned that the different weights will not provide identical estimates and where possible the BQ weights should be used as they are more robust.

Details of the method used to calculate these weights are presented in Chapter 11.

7.6 Suppression of Confidential Information

It should be noted that the NaPVUS 'Public Use' microdata file differs in a number of important respects from the survey 'master' files held by Statistics Canada. These differences are the result of actions taken to protect the anonymity of individual survey respondents. Users requiring access to information excluded from the microdata files may purchase custom tabulations. Estimates generated will be released to the user, subject to meeting the guidelines for analysis and release outlined in Section 9 of this document.

The survey master data file includes explicit geographic identifiers for province, economic region and Census Metropolitan Area. It is also possible to obtain, where sample sizes permit, estimates by urban size class. The survey public-use microdata files does not contain geographic identifiers such as economic region and CMA outside of Montreal, Toronto and Vancouver.

8.0
DATA QUALITY

8.1 Response Rates

The following table summarizes the response rates to the NaPVUS

National Private Vehicle Use Survey Response Rates 1996

Province	Household Response Rate for Quarterly NaPVUS - BQ*1 Jan-Sept 1996	Fuel Purchase Diary Return Rate *2 Jan-Sept 1996	Household Response Rate for Fuel Purchase Diary *3 Revised Jan-Sept 1996
Newfoundland	76%	53%	43%
Prince Edward Island	71%	49%	39%
Nova Scotia	74%	61%	51%
New Brunswick	76%	58%	48%
Atlantic	75%	56%	46%
Québec	74%	54%	45%
Ontario	66%	57%	49%
Manitoba	68%	57%	47%
Saskatchewan	68%	58%	48%
Alberta	68%	54%	46%
Prairie	68%	56%	47%
British Columbia	61%	56%	45%
CANADA	**70%**	**56%**	**46%**

Note:

(*1) Response rate for the Background Questionnaire (BQ) is the number of households responding to NaPVUS expressed as a percentage of number of eligible households.

(*2) Response rate is number of responding households expressed as a percentage of the number of eligible households that agreed to a diary, including zero vehicle households.

(*3) The final diary response rate expresses the number of usable records after editing as a percentage of the number of eligible households that were sent a diary or indicated the vehicle would not be used.

8.2 Survey Errors

The survey produces estimates based on information collected from and about a sample of individuals. Somewhat different estimates might have been obtained if a complete census had been taken using the same questionnaire, interviewers, supervisors, processing methods, etc. as those actually used in the survey. The difference between the estimates obtained from the sample and those resulting from a complete count taken under similar conditions is called the sampling error of the estimate.

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

Over a large number of observations, randomly occurring errors will have little effect on estimates derived from the survey. However, errors occurring systematically will contribute to biases in the survey estimates. Considerable time and effort was made to reduce non-sampling errors in the survey. Quality assurance measures were implemented at each step of the data collection and processing cycle to monitor the quality of the data. These measures included the use of skilled interviewers, the extensive training of interviewers with respect to the survey procedures and questionnaire, monitoring and observation of interviewers to detect problems of questionnaire design or misunderstanding of instructions, procedures to ensure that data capture errors were minimized and coding and edit quality checks to verify the processing logic.

A major source of non-sampling errors in surveys is the effect of non-response on the survey results. The extent of non-response varies from partial non-response (failure to answer just one or some questions) to total non-response. Total non-response occurred because the interviewer was either unable to contact the respondent, no member of the household was able to provide the information, or the respondent refused to participate in the survey. Total non-

response was handled by adjusting the weight of households who responded to the survey to compensate for those who did not respond.

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

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

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

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

For example, suppose that, based upon the survey results, one estimates that the number of private use trucks in Canada is 2,921,822, and this estimate is found to have standard error of 132,996. Then the coefficient of variation of the estimate is calculated as:

$$\left(\frac{132{,}996}{2{,}921{,}822} \right) \; x \; 100\% \; = \; 4.55\%$$

9.0 GUIDELINES FOR TABULATION, ANALYSIS AND RELEASE

This section of the documentation outlines the guidelines to be adhered to by users tabulating, analysing, publishing or otherwise releasing any data derived from the survey microdata tapes. With the aid of these guidelines, users of microdata should be able to produce the same figures as those produced by Statistics Canada and, at the same time, will be able to develop currently unpublished figures in a manner consistent with these established guidelines.

9.1 Rounding Guidelines

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

a) Estimates in the main body of a statistical table are to be rounded to the nearest hundred units using the normal rounding technique. In normal rounding, if the first or only digit to be dropped is 0 to 4, the last digit to be retained is not changed. If the first or only digit to be dropped is 5 to 9, the last digit to be retained is raised by one. For example, in normal rounding to the nearest 100, if the last two digits are between 00 and 49, they are changed to 00 and the preceding digit (the hundreds digit) is left unchanged. If the last digits are between 50 and 99 they are changed to 00 and the preceding digit is incremented by 1.

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

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

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

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

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

9.2 Sample Weighting Guidelines for Tabulation

The sample design used for the National Private Vehicle Use Survey was not self-weighting. When producing simple estimates, including the production of ordinary statistical tables, users must apply the proper sampling weight.

If proper weights are not used, the estimates derived from the microdata tapes cannot be considered to be representative of the survey population, and will not correspond to those produced by Statistics Canada.

Users should be aware that the complexity of the survey demands careful use of the weights provided on the microdata file. First, one must note that there are two types of household weights per record. One is a “Background questionnaire” household weight and the other is the “Diary” household weight. The former is used with all variables collected or derived using variables collected as part of the background questionnaire. The latter is used with all variables collected or derived using variables collected as part of the diary. Furthermore, each type of BQ variable can be categorized into one of four types: Household-level (eg., household income), person-level (eg., sex of person), fleet-level where all vehicles in the household provide data (eg, number of cylinders of vehicle) and selected vehicle-level where only one vehicle (the selected one) provides data (eg, has the vehicle had a tire pressure check?).

For the household-level variables the BQ household weight is the final weight to be used. For the fleet and person-level variables, the BQ household weight is also the final weight since no additional subsampling was done at this stage. However, for the selected vehicle-level variables, there is an additional component to the household weight. (ie., the vehicle component due to the subsampling at this stage) equal to the value of the variable DVNUMV[14].

For Diary variables, it is also only the selected vehicle that provides data in a household, so the final weight to be used in this case is the Diary household weight multiplied by the value DVNUMV.

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

9.2.1 Definitions of types of estimates: Categorical vs. Quantitative

Before discussing how the National Private Vehicle Use Survey data can be tabulated and analysed, it is useful to describe the two main types of point estimates of population characteristics which can be generated from the microdata file for the National Private Vehicle Use Survey.

Categorical Estimates

Categorical estimates are estimates of the number, or percentage of the surveyed population possessing certain characteristics or falling into some defined category. The number of four door passenger cars or the proportion of adults aged 16 and over who possess a valid driver's licence are examples of such estimates.

Examples of Categorical Questions :

Which of the following best describes the first vehicle in your household?

Station wagon.....	0
2-door passenger car.....	0
4-door passenger car.....	0
Mini Van.....	0
Pickup.....	0
Full-size Van.....	0

[14] DVNUMV = Fleet size and refers to the number of personal-use vehicles currently in operation by the household.

Other truck type..... 0
Other..... 0
Don’t Know..... 0

Does [Person 1 (aged 16 or over)] currently hold a valid provincial driver’s licence?

Yes.....0
No.....0

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

Quantitative Estimates

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

An example of a quantitative estimate is the mean (average) number of kilometres driven per vehicle in the 12 months before the time of the interview. Writing this “mean” in the form X/Y, the numerator (X) is an estimate of the total number of kilometres driven by all vehicles, and the denominator (Y) is an estimate of the total number of vehicles in the region of interest.

Examples of Quantitative Type Questions :

Approximately how many kilometres was the vehicle driven in the past 12 months?

|_|_|,|_|_|_| km

What percentage of the time is this vehicle used for business/job related purposes? Do not include commuting to and from work?

|_|_|_|%

9.2.2 Tabulation of Categorical Estimates

Estimates of the number of vehicles or people with a certain characteristic can be obtained from the microdata file by summing the final weights of all records possessing the characteristic(s) of interest. Proportions and ratios are obtained by (a) summing the final weights of records having the characteristic of interest in the numerator, (b) summing the final weights of records having the characteristic of interest in the denominator, then (c) dividing the numerator estimate by the denominator estimate.

9.2.3 Tabulation of Quantitative Estimates

Estimates of quantities can be obtained from the microdata file by multiplying the value of the variable of interest by the final weight for each record, then summing this quantity over all records of interest. For example, to obtain an estimate of the total number of kilometres driven by vehicles with model year equal to or greater than 1990 (using Q21, a fleet-level variable), multiply the value reported in Q21 by the BQ weight for the record, then sum this value over all records with model year >= 1990. Note that if you wish to obtain this value using the diary variable for kilometres driven, you must multiply the diary variable DIARYKMS first by the diary weight and then by the value of DVNUMV (as explained in section 9.2) then sum this value over all records with model year >=1990.

To obtain a weighted average of the form X/Y, the numerator (X) is calculated as for a quantitative estimate and the denominator (Y) is calculated as for a categorical estimate. For example, to estimate the average number of kilometres driven by vehicles with model year >=1990:

(a) estimate the total number of kilometres as described above,
(b) estimate the number of vehicles in this category by summing the final weights of all records with year >=1990 then
(c) divide estimate (a) by estimate (b).

9.2.4 Guidelines for Statistical Analysis

The National Private Vehicle Use Survey is based upon a complex design, with stratification and multiple stages of selection, and use of multiple LFS monthly population frames and different units of analysis (household-, selected vehicle-, fleet- and person level variables), resulting in unequal probabilities of selection of respondents. Using data from such complex surveys presents problems to analysts because the survey design and the selection probabilities affect the estimation and variance calculation procedures that should be used.

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

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

In order to provide a means of assessing the quality of tabulated estimates, Statistics Canada has produced a set of Approximate Sampling Variability Tables (commonly referred to as "C.V. Tables") for the National Private Vehicle Use Survey. These tables can be used to obtain approximate coefficients of variation for categorical-type estimates and proportions. See Chapter 10 for more details.

9.3 C.V. Release Guidelines

Before releasing and/or publishing any estimate from **National Private Vehicle Use Survey**, users should first determine the quality level of the estimate. The quality levels are *acceptable*, *marginal* and *unacceptable*. Data quality is affected by both sampling and non-sampling errors as discussed in section 8. However for this purpose, the quality level of an estimate will be determined only on the basis of sampling error as reflected by the coefficient of variation as shown in the table below. Nonetheless users should be sure to read section 8 to be more fully aware of the quality characteristics of these data.

First, the number of respondents who contribute to the calculation of the estimate should be determined. If this number is less than 30, the weighted estimate should be considered to be of unacceptable quality. (*The figure 30 is for use with LFS based surveys and other surveys with generally small sampling fractions. From time to time, a lower figure may be appropriate for surveys with higher sampling fraction.*)

For weighted estimates based on sample sizes of 30 or more, users should determine the coefficient of variation of the estimate and follow the guidelines below. These quality level guidelines should be applied to weighted rounded estimates.

All estimates can be considered releasable. However, those of marginal or unacceptable quality level must be accompanied by a warning to caution subsequent users.

Quality Level Guidelines

Quality Level of Estimate	Guidelines
1. Acceptable	Estimates have: a sample size of 30 or more, and low coefficients of variation in the range 0.0% - 16.5% No warning is required.
2. Marginal	Estimates have: a sample size of 30 or more, and high coefficients of variation in the range 16.6% - 33.3%. Estimates should be flagged with the letter M (or some similar identifier). They should be accompanied by a warning to caution subsequent users about the high levels of error, associated with the estimates.
3. Unacceptable	Estimates have: a sample size of less than 30, or very high coefficients of variation in excess of 33.3%. Statistics Canada recommends not to release estimates of unacceptable quality. However, if the user chooses to do so then estimates should be flagged with the letter U (or some similar identifier) and the following warning should accompany the estimates: "The user is advised that . . . (specify the data) . . . do not meet Statistics Canada's quality standards for this statistical program. Conclusions based on these data will be unreliable, and most likely invalid. These data and any consequent findings should not be published. If the user chooses to publish these data or findings, then this disclaimer must be published with the data."

10.0 APPROXIMATE SAMPLING VARIABILITY TABLES

In order to supply coefficients of variation which would be applicable to a wide variety of categorical estimates produced from this microdata file and which could be readily accessed by the user, a set of Approximate Sampling Variability Tables have been produced. These "look-up" tables allow the user to obtain an approximate coefficient of variation based on the size of the estimate calculated from the survey data.

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

The tables below show the design effects, number of respondents and population counts by province and region which were used to produce the Approximate Sampling Variability Tables.

NaPVUS - BQ Categorical Household and Selected Vehicle Variables

PROVINCE	DESIGN EFFECT	NUMBER OF RESPONDENTS	POPULATION
Newfoundland	1.61	630	191,774
Prince Edward Island	1.59	514	49,612
Nova Scotia	2.39	650	358,617
New Brunswick	1.72	719	284,260
Quebec	2.22	1,854	2,996,830
Ontario	2.12	1,659	4,176,823
Manitoba	1.91	804	426,636
Saskatchewan	1.93	855	379,413
Alberta	1.67	855	1,030,512
British Columbia	1.78	759	1,498,477
Atlantic Provinces	2.41	2,513	884,263
Prairies	2.17	2,514	1,836,561
CANADA	**2.98**	**9,299**	**11,392,954**

BQ - Categorical Selected Vehicle-Level Variables

PROVINCE	DESIGN EFFECT	NUMBER OF RESPONDENTS	POPULATION
Newfoundland	2.40	630	240,576
Prince Edward Island	2.12	514	68,791
Nova Scotia	3.13	650	478,572
New Brunswick	2.77	719	377,229
Quebec	3.53	1,854	3,327,307
Ontario	3.08	1,659	5,357,123
Manitoba	2.37	804	562,759
Saskatchewan	2.70	855	548,469
Alberta	2.55	855	1,573,459
British Columbia	2.50	759	200,218
Atlantic Provinces	3.28	2,513	1,165,168
Prairies	3.19	2,514	2,684,688
CANADA	**4.62**	**9,299**	**14,538,504**

BQ Categorical Fleet-Level Variables

PROVINCE/REGION	DESIGN EFFECT	NUMBER OF VEHICLES	POPULATION
Newfoundland	2.48	804	240,576
Prince Edward Island	2.49	733	68,791
Nova Scotia	2.85	865	478,572
New Brunswick	2.31	1,002	377,229
Québec	3.46	2,410	3,327,307
Ontario	3.28	2,298	5,357,123
Manitoba	2.77	1,130	562,759
Saskatchewan	3.03	1,267	548,469
Alberta	2.53	1,372	1,573,459
British Columbia	2.56	1,079	2,004,218
Atlantic	3.33	3,404	1,165,168
Prairies	3.48	3,769	2,684,688
CANADA	**4.66**	**12,960**	**14,538,504**

BQ Categorical Person-Level Variables

PROVINCE/REGION	DESIGN EFFECT	NUMBER OF PEOPLE	POPULATION
Newfoundland	2.14	1,931	563,314
Prince Edward Island	2.25	1,437	134,796
Nova Scotia	2.43	1,697	932,260
New Brunswick	2.27	2,003	748,594
Québec	3.31	4,977	7,264,256
Ontario	3.19	4,563	11,084,588
Manitoba	2.39	2,158	1,072,606
Saskatchewan	2.38	2,224	976,910
Alberta	2.26	2,362	2,698,030
British Columbia	2.44	2,065	3,788,888
Atlantic	3.09	7,068	2,378,964
Prairies	2.97	6,744	4,747,546
CANADA	**4.85**	**25,417**	**29,264,242**

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

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

Remember: if the number of observations on which an estimate is based is less than 30, the weighted estimate should not be released regardless of the value of the coefficient of variation for this estimate.

10.1 How to Use the C.V. Tables for Categorical Estimates

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

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

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

Rule 2: Estimates of Proportions or Percentages Possessing a Characteristic

The coefficient of variation of an estimated proportion or percentage depends on both the size of the proportion or percentage and the size of the total upon which the proportion or percentage is based. Estimated proportions or percentages are relatively more reliable than the corresponding estimates of the numerator of the proportion or percentage, when the proportion or percentage is based upon a sub-group of the population. For example, the proportion of 4-speed vehicles out of all standard vehicles is more reliable than the estimated total number of 4-speed vehicles. (Note that in the tables the cv's decline in value reading from left to right).

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

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

Rule 3: Estimates of Differences Between Aggregates or Percentages

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

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

where $\hat{X}_1$ is estimate 1, $\hat{X}_2$ is estimate 2, and α_1 and α_2 are the coefficients of variation of $\hat{X}_1$ and $\hat{X}_2$ respectively. The coefficient of variation of $\hat{d}$ is given by $\sigma_{\hat{d}}/\hat{d}$. This formula is accurate for the difference between separate and uncorrelated characteristics, but is only approximate otherwise.

Rule 4: Estimates of Ratios

In the case where the numerator is a subset of the denominator, the ratio should be converted to a percentage and Rule 2 applied. This would apply, for example, to the case where the denominator is the number of "standard-transmission vehicles" and the numerator is the number of "4-speed standard-transmission vehicles".

In the case where the numerator is not a subset of the denominator, as for example, the ratio of the number of "4-speed vehicles" as compared to the number of "3-speed vehicles", the standard deviation of the ratio of the estimates is approximately equal to the square root of the sum of squares of each coefficient of variation considered separately and then multiplied by R. That is, the standard error of a ratio of the form $\hat{R} = \hat{X}_1 / \hat{X}_2$ is:

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

where α_1 and α_2 are the coefficients of variation of $\hat{X}_1$ and $\hat{X}_2$ respectively.

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

Rule 5: Estimates of Differences of Ratios

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

10.2 Examples of Using the C.V. Tables for Categorical Estimates

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

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

Suppose that a user estimates that 11,112,040 private vehicles across Canada in the reference period had automatic transmissions. How does the user determine the coefficient of variation of this estimate?

(1) Refer to the cv table for CANADA and for Fleet-level variables.

(2) The estimated aggregate (11,112,040) does not appear in the left-hand column (the 'Numerator of Percentage' column), so it is necessary to use the figure closest to it, namely 10,000,000.

(3) The coefficient of variation for an estimated aggregate is found by referring to the first non-asterisk entry on that row, namely, 1.3%.

(4) So the approximate coefficient of variation of the estimate is 1.3%. The finding that there were 11,112,040 private vehicles across Canada in the reference period is publishable without warning.

Example 2: Estimates of Proportions or Percentages Possessing a Characteristic

Suppose that the user estimates that 530,464/3,409,281 =15.6% of vehicles with standard transmission have a 4-speed transmission. How does the user determine the coefficient of variation of this estimate?

(1) Refer to the table for CANADA for Fleet-level variables.

(2) Because the estimate is a percentage which is based on a subset of the total population (i.e., vehicles with a standard transmission), it is necessary to use both the percentage (15.6%) and the numerator portion of the percentage (530,464) in determining the coefficient of variation.

(3) The numerator 530,464 does not appear in the left-hand column (the 'Numerator of Percentage' column) so it is necessary to use the figure closest to it, namely 500,000. Similarly, the percentage estimate does not appear as any of the column headings, so it is necessary to use the figure closest to it, 15.0%.

(4) The figure at the intersection of the row and column used, namely 9.4%, is the coefficient of variation to be used.

(5) So the approximate coefficient of variation of the estimate is 9.4%.

The finding that 15.6% of vehicles with a standard transmission have a 4-speed transmission can be published without warning.

Example 3: Estimates of Differences Between Aggregates or Percentages

Suppose that a user estimates that 7,400,634/11,112,040 = 66.6% of vehicles with an automatic transmission have air conditioning, while 946,630/3,409,281=27.8% of vehicles with a standard transmission have air conditioning. How does the user determine the coefficient of variation of the difference between these two estimates?

(1) Using the CANADA cv table for Fleet-level variables in the same manner as described in example 2 gives the cv of the estimate for vehicles with an automatic transmission as 1.5%, and the cv of the estimate for vehicles with a standard transmission as 6.3%. (Note that when searching for the closest top row entry to the percent of standard vehicles with air conditioning, ie, 27.8%, one could use either '25%' or '30%' since 27.8% is virtually in the middle. Using '25%', however, gives a more conservative thus safer CV estimate).

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

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

where $\hat{X}_1$ is estimate 1, $\hat{X}_2$ is estimate 2, and α_1 and α_2 are the coefficients of variation of $\hat{X}_1$ and $\hat{X}_2$ respectively.

That is, the standard error of the difference $\hat{d} = (.666-.278) = .388$ is:

$$\sigma_{\hat{d}} = \sqrt{[(.666)(.015)]^2 + [(.278)(.063)]^2}$$

$$= \sqrt{(.00005367) + (.0001781)}$$

$$= .01522$$

(3) The coefficient of variation of $\hat{d}$ is given by $\sigma_{\hat{d}}/\hat{d} = .01522/.388 = 0.039$.

(4) So the approximate coefficient of variation of the difference between the estimates is 3.9%. This estimate can be published without warning.

Example 4: Estimates of Ratios

Suppose that the user estimates that 3,897,820 vehicles purchased as new have air conditioning, while 3,948,560 vehicles purchased second-hand have air conditioning. The user is interested in comparing the estimate of vehicles purchased second-hand versus that of vehicles purchased as new in the form of a ratio. How does the user determine the coefficient of variation of this estimate?

(1) First of all, this estimate is a ratio estimate, where the numerator of the estimate ($= \hat{X}_1$) is the number of vehicles purchased second-hand that have air conditioning. The denominator of the estimate ($= \hat{X}_2$) is the number of vehicles purchased as new that have air conditioning.

(2) Refer to the table for CANADA for Fleet-level variables.

(3) The numerator of this ratio estimate is 3,948,560. The figure closest to it is 4,000,000. The coefficient of variation for this estimate is found by referring to the first non-asterisk entry on that row, namely, 3.0%.

(4) The denominator of this ratio estimate is 3,897,820. The figure closest to it is 4,000,000. The coefficient of variation for this estimate is found by referring to the first non-asterisk entry on that row, namely, 3.0%.

(5) So the approximate coefficient of variation of the ratio estimate is given by rule 4, which is,

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

where α_1 and α_2 are the coefficients of variation of $\bar{X}_1$ and $\bar{X}_2$ respectively.

That is ,

$$\alpha_{\hat{R}} = \sqrt{(.030)^2 + (.030)^2}$$

$$= 0.04243$$

The obtained ratio of vehicles purchased second-hand that have air conditioning versus vehicles purchased as new that have air conditioning is 3,948,560/3,897,820 which is 1.01 : 1. The coefficient of variation of this estimate is 4.2% which is releasable without warning.

10.3 How to Use the C.V. Tables to Obtain Confidence Limits

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

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

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

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

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

$$CI_{\bar{X}} = \{\bar{X} - (t)(\bar{X})(\alpha_{\bar{X}}), \bar{X} + (t)(\bar{X})(\alpha_{\bar{X}})\}$$

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

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

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

10.4 Example of Using the C.V. Tables to Obtain Confidence Limits

A 95% confidence interval for the estimated proportion of vehicles with standard transmission that have four speeds (from Example 2, section 10.2) would be calculated as follows.

X = 15.6% (or expressed as a proportion = .156)

t = 2

$\alpha_{\bar{X}}$ = 9.4% (.094 expressed as a proportion) is the coefficient of variation of this estimate as determined from the tables.

$CI_{\bar{X}} = \{.156 - (2)\ (.156)\ (.094), .156 + (2)\ (.156)\ (.094)\}$

$CI_{\bar{X}} = \{.156 - .029, .156 + .029\}$
$CI_{\bar{X}} = \{.127, .185\}$

With 95% confidence it can be said that between 12.7% and 18.5% of standard-transmission vehicles have a 4-speed transmission.

10.5 How to Use the C.V. Tables to do a t-test

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

Let $\mathbf{X_1}$ and $\mathbf{X_2}$ be sample estimates for 2 characteristics of interest. Let the standard error on the difference $\hat{X}_1 - \hat{X}_2$ be $\sigma_{\hat{d}}$. If

$$t = \frac{\hat{X}_1 - \hat{X}_2}{\sigma_{\hat{d}}}$$

is between -2 and 2, then no conclusion about the difference between the characteristics is justified at the 5% level of significance. If however, this ratio is smaller than -2 or larger than +2, the observed difference is significant at the 0.05 level. That is to say, the characteristics are significantly different.

10.6 Example of Using the C.V. Tables to do a t-test

Let us suppose we wish to test, at 5% level of significance, the hypothesis that there is no difference between the proportion of vehicles that have air conditioning amongst those that have a standard and those that have an automatic transmission. From example 3, section 10.2, the standard error of the difference between these two estimates was found to be = .015. Hence,

$$t = \frac{\hat{X}_1 - \hat{X}_2}{\sigma_{\hat{d}}} = \frac{.666 - .278}{.01522} = \frac{.388}{.01522} = 25.49$$

Since t = 25.49 is greater than 2, it must be concluded that there is a significant difference between the two estimates at the 0.05 level of significance. That is, a larger proportion of vehicles with an automatic transmission have air conditioning than do those with a standard transmission.

10.7 Coefficients of Variation for Quantitative Estimates

The CV tables mentioned in this section do not apply to quantitative variables, which encompass most of the BQ and Diary derived variables. Special tables have to be produced to determine their sampling error. A selected number of these tables will be included as part of the microdata release package.

As a general rule, however, the coefficient of variation of a quantitative total will be larger than the coefficient of variation of a corresponding category estimate (i.e., the estimate of the number of persons contributing to the quantitative estimate). If the corresponding category estimate is not releasable, the quantitative estimate will not be either. For example, the coefficient of variation of the total number of oil changes that have occurred in the six months previous to the NaPVUS interview (Q27B1) would be greater than the coefficient of variation of the corresponding proportion of vehicles that have received at least one oil change in the six months previous to the NaPVUS interview (Q27). Hence if the coefficient of variation of the proportion is not releasable, then the coefficient of variation of the corresponding quantitative estimate will also not be releasable.

Coefficients of variation of such estimates can be derived as required for a specific estimate using a technique known as pseudo replication. This involves dividing the records on the microdata files into subgroups (or replicates) and determining the variation in the estimate from replicate to replicate. Users wishing to derive coefficients of variation for quantitative estimates for which special tables were not provided may contact Statistics Canada and tables will be provided on a cost-recovery basis.

10.8 Release Cut-offs for the NaPVUS

The minimum size of the estimates to obtain a maximum CV at the province, region and Canada levels are specified in the tables below:

Household and Selected Vehicle Level Categorical Variables
NaPVUS Year 1996

Region	CV=16.5%	CV=25%	CV=33.3%
Newfoundland	16,500	7,500	4,300
Prince Edward Island	5,100	2,300	1,300
Nova Scotia	42,700	19,900	11,500
New Brunswick	23,000	10,500	6,000
Québec	126,300	56,300	32,000
Ontario	187,300	83,700	47,600
Manitoba	34,200	15,600	8,900
Saskatchewan	29,000	13,200	7,600
Alberta	69,000	31,200	17,800
British Columbia	118,800	54,200	31,000
Atlantic Provinces	30,100	13,400	7,600
Prairie Provinces	56,400	25,000	14,200
CANADA	**132,500**	**58,100**	**32,800**

Fleet-Level BQ Categorical Variables
NaPVUS Year 1996

Region	CV=16.5%	CV=25%	CV=33.3%
Newfoundland	24,500	11,300	6,500
Prince Edward Island	7,600	3,500	2,000
Nova Scotia	51,700	24,000	13,800
New Brunswick	29,400	13,400	7,700
Québec	166,700	74,700	42,500
Ontario	266,900	119,600	68,100
Manitoba	46,500	21,200	12,200
Saskatchewan	44,300	20,200	11,600
Alberta	99,800	45,100	25,700
British Columbia	160,700	73,300	42,000
Atlantic Provinces	40,400	18,000	10,200
Prairie Provinces	88,100	39,100	22,200
CANADA	**189,500**	**83,200**	**47,000**

Person-Level BQ Categorical Variables
NaPVUS - Year 1996

Region	CV=16.5%	CV=25%	CV=33.3%
Newfoundland	22,000	9,800	5,600
Prince Edward Island	7,300	3,300	1,900
Nova Scotia	46,600	20,900	11,900
New Brunswick	29,900	13,300	7,600
Québec	173,200	76,500	43,300
Ontario	277,500	122,600	69,400
Manitoba	41,900	18,700	10,600
Saskatchewan	36,900	16,400	9,300
Alberta	91,600	40,700	23,100
British Columbia	157,600	70,300	39,900
Atlantic Provinces	37,600	16,500	9,300
Prairie Provinces	75,600	33,200	18,800
CANADA	**203,700**	**89,100**	**50,300**

Selected Vehicle BQ Categorical Variables
NaPVUS Year 1996

Region	CV=16.5%	CV=25%	CV=33.3%
Newfoundland	29,500	13,800	8,000
Prince Edward Island	9,100	4,300	2,500
Nova Scotia	71,900	34,200	19,900
New Brunswick	46,800	21,900	12,700
Québec	217,500	98,400	56,200
Ontario	342,000	154,500	88,200
Manitoba	55,000	25,300	14,600
Saskatchewan	57,000	26,400	15,200
Alberta	155,400	71,700	41,200
British Columbia	216,300	100,300	57,800
Atlantic Provinces	53,300	23,800	13,600
Prairie Provinces	119,600	53,400	30,400
CANADA	**260,600**	**114,700**	**64,800**

All coefficients of variation in the Approximate Sampling Variability Tables are approximate and, therefore, unofficial. Estimates of actual variance for specific variables may be obtained from Statistics Canada on a cost-recovery basis. The use of actual variance estimates would allow users to release otherwise unreleaseable estimates, i.e. estimates with coefficients of variation in the 'confidential' range.

Remember: if the number of observations on which an estimate is based is less than 30, the weighted estimate should not be released regardless of the value of the coefficient of variation for this estimate. This is because the formulas used for estimating the variance do not hold true for small sample sizes.

10.9 C.V. Tables

National Private Vehicle Use Survey - 1996
Approximate Sampling Variability Tables for Canada
Applicable to Background Questionnaire Categorical Household or
Selected Vehicle Variables to be Analyzed at the Household Level
Q22, Q24, Q24A, Q27-Q31

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	190.9	190.0	189.1	186.2	181.2	176.1	170.8	165.4	159.8	154.0	147.9	135.1	104.6	60.4
2	135.0	134.4	133.7	131.6	128.1	124.5	120.8	117.0	113.0	108.9	104.6	95.5	74.0	42.7
3	110.2	109.7	109.2	107.5	104.6	101.7	98.6	95.5	92.3	88.9	85.4	78.0	60.4	34.9
4	95.5	95.0	94.5	93.1	90.6	88.0	85.4	82.7	79.9	77.0	74.0	67.5	52.3	30.2
5	85.4	85.0	84.6	83.3	81.0	78.8	76.4	74.0	71.5	68.9	66.2	60.4	46.8	27.0
6	77.9	77.6	77.2	76.0	74.0	71.9	69.7	67.5	65.2	62.9	60.4	55.1	42.7	24.7
7	72.2	71.8	71.5	70.4	68.5	66.6	64.6	62.5	60.4	58.2	55.9	51.0	39.5	22.8
8	67.5	67.2	66.8	65.8	64.1	62.3	60.4	58.5	56.5	54.4	52.3	47.7	37.0	21.4
9	63.6	63.3	63.0	62.1	60.4	58.7	56.9	55.1	53.3	51.3	49.3	45.0	34.9	20.1
10	60.4	60.1	59.8	58.9	57.3	55.7	54.0	52.3	50.5	48.7	46.8	42.7	33.1	19.1
11	57.6	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
12	********	54.9	54.6	53.7	52.3	50.8	49.3	47.7	46.1	44.5	42.7	39.0	30.2	17.4
13	********	52.7	52.4	51.6	50.3	48.8	47.4	45.9	44.3	42.7	41.0	37.5	29.0	16.8
14	********	50.8	50.5	49.8	48.4	47.1	45.7	44.2	42.7	41.2	39.5	36.1	28.0	16.1
15	********	49.1	48.8	48.1	46.8	45.5	44.1	42.7	41.3	39.8	38.2	34.9	27.0	15.6
16	********	47.5	47.3	46.5	45.3	44.0	42.7	41.4	40.0	38.5	37.0	33.8	26.2	15.1
17	********	46.1	45.9	45.2	43.9	42.7	41.4	40.1	38.8	37.3	35.9	32.8	25.4	14.6
18	********	44.8	44.6	43.9	42.7	41.5	40.3	39.0	37.7	36.3	34.9	31.8	24.7	14.2
19	********	43.6	43.4	42.7	41.6	40.4	39.2	37.9	36.7	35.3	33.9	31.0	24.0	13.9
20	********	42.5	42.3	41.6	40.5	39.4	38.2	37.0	35.7	34.4	33.1	30.2	23.4	13.5
21	********	41.5	41.3	40.6	39.5	38.4	37.3	36.1	34.9	33.6	32.3	29.5	22.8	13.2
22	********	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
23	********	39.6	39.4	38.8	37.8	36.7	35.6	34.5	33.3	32.1	30.8	28.2	21.8	12.6
24	********	38.8	38.6	38.0	37.0	35.9	34.9	33.8	32.6	31.4	30.2	27.6	21.4	12.3
25	********	38.0	37.8	37.2	36.2	35.2	34.2	33.1	32.0	30.8	29.6	27.0	20.9	12.1
30	********	34.7	34.5	34.0	33.1	32.1	31.2	30.2	29.2	28.1	27.0	24.7	19.1	11.0
35	********	32.1	32.0	31.5	30.6	29.8	28.9	28.0	27.0	26.0	25.0	22.8	17.7	10.2
40	********	30.0	29.9	29.4	28.6	27.8	27.0	26.2	25.3	24.3	23.4	21.4	16.5	9.5
45	********	28.3	28.2	27.8	27.0	26.3	25.5	24.7	23.8	23.0	22.1	20.1	15.6	9.0
50	********	26.9	26.7	26.3	25.6	24.9	24.2	23.4	22.6	21.8	20.9	19.1	14.8	8.5
55	********	25.6	25.5	25.1	24.4	23.7	23.0	22.3	21.5	20.8	19.9	18.2	14.1	8.1
60	********	24.5	24.4	24.0	23.4	22.7	22.1	21.4	20.6	19.9	19.1	17.4	13.5	7.8
65	********	23.6	23.5	23.1	22.5	21.8	21.2	20.5	19.8	19.1	18.4	16.8	13.0	7.5
70	********	22.7	22.6	22.3	21.7	21.0	20.4	19.8	19.1	18.4	17.7	16.1	12.5	7.2
75	********	21.9	21.8	21.5	20.9	20.3	19.7	19.1	18.5	17.8	17.1	15.6	12.1	7.0
80	********	21.2	21.1	20.8	20.3	19.7	19.1	18.5	17.9	17.2	16.5	15.1	11.7	6.8
85	********	20.6	20.5	20.2	19.7	19.1	18.5	17.9	17.3	16.7	16.0	14.6	11.3	6.6
90	********	20.0	19.9	19.6	19.1	18.6	18.0	17.4	16.8	16.2	15.6	14.2	11.0	6.4
95	********	19.5	19.4	19.1	18.6	18.1	17.5	17.0	16.4	15.8	15.2	13.9	10.7	6.2
100	********	19.0	18.9	18.6	18.1	17.6	17.1	16.5	16.0	15.4	14.8	13.5	10.5	6.0
125	**********	16.9	16.7	16.2	15.8	15.3	14.8	14.3	13.8	13.2	12.1	9.4	5.4	
150	**********	15.4	15.2	14.8	14.4	13.9	13.5	13.0	12.6	12.1	11.0	8.5	4.9	
200	**********	13.4	13.2	12.8	12.5	12.1	11.7	11.3	10.9	10.5	9.5	7.4	4.3	
250	**********	11.8	11.5	11.1	10.8	10.5	10.1	9.7	9.4	8.5	6.6	3.8		
300	**********	10.7	10.5	10.2	9.9	9.5	9.2	8.9	8.5	7.8	6.0	3.5		
350	**********	10.0	9.7	9.4	9.1	8.8	8.5	8.2	7.9	7.2	5.6	3.2		
400	**********	9.3	9.1	8.8	8.5	8.3	8.0	7.7	7.4	6.8	5.2	3.0		
450	**********	8.8	8.5	8.3	8.1	7.8	7.5	7.3	7.0	6.4	4.9	2.8		
500	**********	8.3	8.1	7.9	7.6	7.4	7.1	6.9	6.6	6.0	4.7	2.7		
750	**********	6.6	6.4	6.2	6.0	5.8	5.6	5.4	4.9	3.8	2.2			
1000	**********	5.7	5.6	5.4	5.2	5.1	4.9	4.7	4.3	3.3	1.9			
1500	**********	4.5	4.4	4.3	4.1	4.0	3.8	3.5	2.7	1.6				
2000	**********	3.8	3.7	3.6	3.4	3.3	3.0	2.3	1.4					
3000	**********	2.9	2.8	2.7	2.5	1.9	1.1							
4000	**********	2.3	2.1	1.7	1.0									
5000	**********	1.9	1.5	0.9										
6000	**********	1.4	0.8											
7000	**********	1.3	0.7											
8000	**********	0.7												
9000	**********	0.6												
10000	**********	0.6												

NOTE: FOR CORRECT USAGE OF THESE TABLES PLEASE REFER TO MICRODATA DOCUMENTATION

National Private Vehicle Use Survey - 1996
Approximate Sampling Variability Tables for Newfoundland
Applicable to Background Questionnaire Categorical Household or
Selected Vehicle Variables to be Analyzed at the Household Level
Q22, Q24, Q24A, Q27-Q31

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	********	69.5	69.2	68.1	66.3	64.4	62.5	60.5	58.5	56.3	54.1	49.4	38.3	22.1
2	**********	48.9	48.2	46.9	45.6	44.2	42.8	41.3	39.8	38.3	34.9	27.1	15.6
3	**********	39.9	39.3	38.3	37.2	36.1	34.9	33.8	32.5	31.3	28.5	22.1	12.8
4	**********	34.1	33.2	32.2	31.3	30.3	29.2	28.2	27.1	24.7	19.1	11.1
5	**********	30.5	29.7	28.8	28.0	27.1	26.2	25.2	24.2	22.1	17.1	9.9
6	**********	27.8	27.1	26.3	25.5	24.7	23.9	23.0	22.1	20.2	15.6	9.0
7	**********	25.7	25.1	24.4	23.6	22.9	22.1	21.3	20.5	18.7	14.5	8.4
8	**********	24.1	23.4	22.8	22.1	21.4	20.7	19.9	19.1	17.5	13.5	7.8
9	**********	22.7	22.1	21.5	20.8	20.2	19.5	18.8	18.0	16.5	12.8	7.4
10	**********	21.0	20.4	19.8	19.1	18.5	17.8	17.1	15.6	12.1	7.0
11	**********	20.0	19.4	18.8	18.2	17.6	17.0	16.3	14.9	11.5	6.7
12	**********	19.1	18.6	18.0	17.5	16.9	16.3	15.6	14.3	11.1	6.4
13	**********	18.4	17.9	17.3	16.8	16.2	15.6	15.0	13.7	10.6	6.1
14	**********	17.7	17.2	16.7	16.2	15.6	15.1	14.5	13.2	10.2	5.9
15	**********	17.1	16.6	16.1	15.6	15.1	14.5	14.0	12.8	9.9	5.7
16	**********	16.6	16.1	15.6	15.1	14.6	14.1	13.5	12.4	9.6	5.5
17	**********	16.1	15.6	15.2	14.7	14.2	13.7	13.1	12.0	9.3	5.4
18	**********	15.6	15.2	14.7	14.3	13.8	13.3	12.8	11.6	9.0	5.2
19	**********	15.2	14.8	14.3	13.9	13.4	12.9	12.4	11.3	8.8	5.1
20	**********	14.4	14.0	13.5	13.1	12.6	12.1	11.1	8.6	4.9
21	**********	14.1	13.6	13.2	12.8	12.3	11.8	10.8	8.4	4.8
22	**********	13.7	13.3	12.9	12.5	12.0	11.5	10.5	8.2	4.7
23	**********	13.4	13.0	12.6	12.2	11.7	11.3	10.3	8.0	4.6
24	**********	13.2	12.8	12.4	11.9	11.5	11.1	10.1	7.8	4.5
25	**********	12.9	12.5	12.1	11.7	11.3	10.8	9.9	7.7	4.4
30	**********	11.4	11.1	10.7	10.3	9.9	9.0	7.0	4.0
35	**********	10.6	10.2	9.9	9.5	9.2	8.4	6.5	3.7
40	**********	9.6	9.2	8.9	8.6	7.8	6.1	3.5
45	**********	9.0	8.7	8.4	8.1	7.4	5.7	3.3
50	**********	8.3	8.0	7.7	7.0	5.4	3.1
55	**********	7.9	7.6	7.3	6.7	5.2	3.0
60	**********	7.3	7.0	6.4	4.9	2.9
65	**********	7.0	6.7	6.1	4.7	2.7
70	**********	6.5	5.9	4.6	2.6
75	**********	6.3	5.7	4.4	2.6
80	**********	5.5	4.3	2.5
85	**********	5.4	4.2	2.4
90	**********	5.2	4.0	2.3
95	**********	5.1	3.9	2.3
100	**********	3.8	2.2
125	**********	3.4	2.0
150	**********	1.8

NOTE: FOR CORRECT USAGE OF THESE TABLES PLEASE REFER TO MICRODATA DOCUMENTATION

National Private Vehicle Use Survey - 1996
Approximate Sampling Variability Tables for Prince Edward Is.
Applicable to Background Questionnaire Categorical Household or
Selected Vehicle Variables to be Analyzed at the Household Level
Q22, Q24, Q24A, Q27-Q31

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	**********	**********	**********	38.0	37.0	35.9	34.9	33.8	32.6	31.4	30.2	27.6	21.3	12.3
2	**********	**********	**********	26.9	26.1	25.4	24.6	23.9	23.1	22.2	21.3	19.5	15.1	8.7
3	**********	**********	**********	21.3	20.7	20.1	19.5	18.8	18.1	17.4	15.9	12.3	7.1	
4	**********	**********	**********	18.5	18.0	17.4	16.9	16.3	15.7	15.1	13.8	10.7	6.2	
5	**********	**********	**********	16.1	15.6	15.1	14.6	14.1	13.5	12.3	9.5	5.5		
6	**********	**********	**********	14.7	14.2	13.8	13.3	12.8	12.3	11.3	8.7	5.0		
7	**********	**********	**********	13.6	13.2	12.8	12.3	11.9	11.4	10.4	8.1	4.7		
8	**********	**********	**********	12.3	11.9	11.5	11.1	10.7	9.7	7.5	4.4			
9	**********	**********	**********	11.6	11.3	10.9	10.5	10.1	9.2	7.1	4.1			
10	**********	**********	**********	**********	10.7	10.3	9.9	9.5	8.7	6.8	3.9			
11	**********	**********	**********	**********	10.2	9.8	9.5	9.1	8.3	6.4	3.7			
12	**********	**********	**********	**********	9.7	9.4	9.1	8.7	8.0	6.2	3.6			
13	**********	**********	**********	**********	**********	9.0	8.7	8.4	7.6	5.9	3.4			
14	**********	**********	**********	**********	**********	8.7	8.4	8.1	7.4	5.7	3.3			
15	**********	**********	**********	**********	**********	**********	8.1	7.8	7.1	5.5	3.2			
16	**********	**********	**********	**********	**********	**********	7.9	7.5	6.9	5.3	3.1			
17	**********	**********	**********	**********	**********	**********	7.6	7.3	6.7	5.2	3.0			
18	**********	**********	**********	**********	**********	**********	**********	7.1	6.5	5.0	2.9			
19	**********	**********	**********	**********	**********	**********	**********	6.9	6.3	4.9	2.8			
20	**********	**********	**********	**********	**********	**********	**********	**********	6.2	4.8	2.8			
21	**********	**********	**********	**********	**********	**********	**********	**********	6.0	4.7	2.7			
22	**********	**********	**********	**********	**********	**********	**********	**********	5.9	4.6	2.6			
23	**********	**********	**********	**********	**********	**********	**********	**********	5.7	4.5	2.6			
24	**********	**********	**********	**********	**********	**********	**********	**********	5.6	4.4	2.5			
25	**********	**********	**********	**********	**********	**********	**********	**********	**********	4.3	2.5			
30	**********	**********	**********	**********	**********	**********	**********	**********	**********	3.9	2.3			
35	**********	**********	**********	**********	**********	**********	**********	**********	**********	**********	2.1			
40	**********	**********	**********	**********	**********	**********	**********	**********	**********	**********	1.9			

NOTE: FOR CORRECT USAGE OF THESE TABLES PLEASE REFER TO MICRODATA DOCUMENTATION

National Private Vehicle Use Survey - 1996
Approximate Sampling Variability Tables for Nova Scotia
Applicable to Background Questionnaire Categorical Household or
Selected Vehicle Variables to be Analyzed at the Household Level
Q22, Q24, Q24A, Q27-Q31

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	********	114.2	113.6	111.8	108.8	105.8	102.6	99.4	96.0	92.5	88.9	81.1	62.8	36.3
2	********	80.7	80.3	79.1	77.0	74.8	72.6	70.3	67.9	65.4	62.8	57.4	44.4	25.7
3	********	65.9	65.6	64.6	62.8	61.1	59.2	57.4	55.4	53.4	51.3	46.8	36.3	20.9
4	**********	*****	56.8	55.9	54.4	52.9	51.3	49.7	48.0	46.2	44.4	40.6	31.4	18.1
5	**********	*****	50.8	50.0	48.7	47.3	45.9	44.4	42.9	41.4	39.7	36.3	28.1	16.2
6	**********	*****	46.4	45.7	44.4	43.2	41.9	40.6	39.2	37.8	36.3	33.1	25.7	14.8
7	**********	*****	42.9	42.3	41.1	40.0	38.8	37.6	36.3	35.0	33.6	30.7	23.8	13.7
8	**********	**********	39.5	38.5	37.4	36.3	35.1	33.9	32.7	31.4	28.7	22.2	12.8	
9	**********	**********	37.3	36.3	35.3	34.2	33.1	32.0	30.8	29.6	27.0	20.9	12.1	
10	**********	**********	35.4	34.4	33.4	32.4	31.4	30.4	29.2	28.1	25.7	19.9	11.5	
11	**********	**********	33.7	32.8	31.9	30.9	30.0	28.9	27.9	26.8	24.5	18.9	10.9	
12	**********	**********	32.3	31.4	30.5	29.6	28.7	27.7	26.7	25.7	23.4	18.1	10.5	
13	**********	**********	31.0	30.2	29.3	28.5	27.6	26.6	25.7	24.6	22.5	17.4	10.1	
14	**********	**********	29.9	29.1	28.3	27.4	26.6	25.7	24.7	23.8	21.7	16.8	9.7	
15	**********	**********	28.9	28.1	27.3	26.5	25.7	24.8	23.9	22.9	20.9	16.2	9.4	
16	**********	**********	28.0	27.2	26.4	25.7	24.8	24.0	23.1	22.2	20.3	15.7	9.1	
17	**********	**********	27.1	26.4	25.7	24.9	24.1	23.3	22.4	21.6	19.7	15.2	8.8	
18	**********	**********	**********	25.7	24.9	24.2	23.4	22.6	21.8	20.9	19.1	14.8	8.6	
19	**********	**********	**********	25.0	24.3	23.5	22.8	22.0	21.2	20.4	18.6	14.4	8.3	
20	**********	**********	**********	24.3	23.7	22.9	22.2	21.5	20.7	19.9	18.1	14.1	8.1	
21	**********	**********	**********	23.8	23.1	22.4	21.7	20.9	20.2	19.4	17.7	13.7	7.9	
22	**********	**********	**********	23.2	22.6	21.9	21.2	20.5	19.7	18.9	17.3	13.4	7.7	
23	**********	**********	**********	22.7	22.1	21.4	20.7	20.0	19.3	18.5	16.9	13.1	7.6	
24	**********	**********	**********	22.2	21.6	20.9	20.3	19.6	18.9	18.1	16.6	12.8	7.4	
25	**********	**********	**********	21.8	21.2	20.5	19.9	19.2	18.5	17.8	16.2	12.6	7.3	
30	**********	**********	**********	19.9	19.3	18.7	18.1	17.5	16.9	16.2	14.8	11.5	6.6	
35	**********	**********	**********	18.4	17.9	17.3	16.8	16.2	15.6	15.0	13.7	10.6	6.1	
40	**********	**********	**********	**********	16.7	16.2	15.7	15.2	14.6	14.1	12.8	9.9	5.7	
45	**********	**********	**********	**********	15.8	15.3	14.8	14.3	13.8	13.2	12.1	9.4	5.4	
50	**********	**********	**********	**********	15.0	14.5	14.1	13.6	13.1	12.6	11.5	8.9	5.1	
55	**********	**********	**********	**********	**********	13.8	13.4	12.9	12.5	12.0	10.9	8.5	4.9	
60	**********	**********	**********	**********	**********	13.2	12.8	12.4	11.9	11.5	10.5	8.1	4.7	
65	**********	**********	**********	**********	**********	12.7	12.3	11.9	11.5	11.0	10.1	7.8	4.5	
70	**********	**********	**********	**********	**********	12.3	11.9	11.5	11.1	10.6	9.7	7.5	4.3	
75	**********	**********	**********	**********	**********	**********	11.5	11.1	10.7	10.3	9.4	7.3	4.2	
80	**********	**********	**********	**********	**********	**********	11.1	10.7	10.3	9.9	9.1	7.0	4.1	
85	**********	**********	**********	**********	**********	**********	10.8	10.4	10.0	9.6	8.8	6.8	3.9	
90	**********	**********	**********	**********	**********	**********	**********	10.1	9.7	9.4	8.6	6.6	3.8	
95	**********	**********	**********	**********	**********	**********	**********	9.8	9.5	9.1	8.3	6.4	3.7	
100	**********	**********	**********	**********	**********	**********	**********	9.6	9.2	8.9	8.1	6.3	3.6	
125	**********	**********	**********	**********	**********	**********	**********	**********	8.3	7.9	7.3	5.6	3.2	
150	**********	**********	**********	**********	**********	**********	**********	**********	**********	**********	6.6	5.1	3.0	
200	**********	**********	**********	**********	**********	**********	**********	**********	**********	**********	**********	4.4	2.6	
250	**********	**********	**********	**********	**********	**********	**********	**********	**********	**********	**********	4.0	2.3	
300	**********	**********	**********	**********	**********	**********	**********	**********	**********	**********	**********	**********	2.1	

NOTE: FOR CORRECT USAGE OF THESE TABLES PLEASE REFER TO MICRODATA DOCUMENTATION

National Private Vehicle Use Survey - 1996
Approximate Sampling Variability Tables for New Brunswick
Applicable to Background Questionnaire Categorical Household or
Selected Vehicle Variables to be Analyzed at the Household Level
Q22, Q24, Q24A, Q27-Q31

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	********	81.9	81.5	80.3	78.1	75.9	73.7	71.3	68.9	66.4	63.8	58.2	45.1	26.0
2	********	57.9	57.7	56.8	55.2	53.7	52.1	50.4	48.7	47.0	45.1	41.2	31.9	18.4
3	**********	47.1	46.3	45.1	43.8	42.5	41.2	39.8	38.3	36.8	33.6	26.0	15.0	
4	**********	40.8	40.1	39.1	38.0	36.8	35.7	34.5	33.2	31.9	29.1	22.6	13.0	
5	**********	36.5	35.9	34.9	34.0	32.9	31.9	30.8	29.7	28.5	26.0	20.2	11.6	
6	**********	32.8	31.9	31.0	30.1	29.1	28.1	27.1	26.0	23.8	18.4	10.6		
7	**********	30.3	29.5	28.7	27.8	27.0	26.0	25.1	24.1	22.0	17.0	9.8		
8	**********	28.4	27.6	26.8	26.0	25.2	24.4	23.5	22.6	20.6	15.9	9.2		
9	**********	26.8	26.0	25.3	24.6	23.8	23.0	22.1	21.3	19.4	15.0	8.7		
10	**********	25.4	24.7	24.0	23.3	22.6	21.8	21.0	20.2	18.4	14.3	8.2		
11	**********	24.2	23.6	22.9	22.2	21.5	20.8	20.0	19.2	17.6	13.6	7.9		
12	**********	23.2	22.6	21.9	21.3	20.6	19.9	19.2	18.4	16.8	13.0	7.5		
13	**********	22.3	21.7	21.1	20.4	19.8	19.1	18.4	17.7	16.2	12.5	7.2		
14	**********	21.5	20.9	20.3	19.7	19.1	18.4	17.7	17.0	15.6	12.1	7.0		
15	**********	20.2	19.6	19.0	18.4	17.8	17.1	16.5	15.0	11.6	6.7			
16	**********	19.5	19.0	18.4	17.8	17.2	16.6	15.9	14.6	11.3	6.5			
17	**********	18.9	18.4	17.9	17.3	16.7	16.1	15.5	14.1	10.9	6.3			
18	**********	18.4	17.9	17.4	16.8	16.2	15.7	15.0	13.7	10.6	6.1			
19	**********	17.9	17.4	16.9	16.4	15.8	15.2	14.6	13.4	10.3	6.0			
20	**********	17.5	17.0	16.5	15.9	15.4	14.8	14.3	13.0	10.1	5.8			
21	**********	17.0	16.6	16.1	15.6	15.0	14.5	13.9	12.7	9.8	5.7			
22	**********	16.7	16.2	15.7	15.2	14.7	14.2	13.6	12.4	9.6	5.6			
23	**********	16.3	15.8	15.4	14.9	14.4	13.8	13.3	12.1	9.4	5.4			
24	**********	15.9	15.5	15.0	14.6	14.1	13.6	13.0	11.9	9.2	5.3			
25	**********	15.6	15.2	14.7	14.3	13.8	13.3	12.8	11.6	9.0	5.2			
30	**********	13.9	13.4	13.0	12.6	12.1	11.6	10.6	8.2	4.8				
35	**********	12.8	12.5	12.1	11.6	11.2	10.8	9.8	7.6	4.4				
40	**********	12.0	11.6	11.3	10.9	10.5	10.1	9.2	7.1	4.1				
45	**********	11.0	10.6	10.3	9.9	9.5	8.7	6.7	3.9					
50	**********	10.4	10.1	9.7	9.4	9.0	8.2	6.4	3.7					
55	**********	9.9	9.6	9.3	9.0	8.6	7.9	6.1	3.5					
60	**********	9.2	8.9	8.6	8.2	7.5	5.8	3.4						
65	**********	8.8	8.5	8.2	7.9	7.2	5.6	3.2						
70	**********	8.5	8.2	7.9	7.6	7.0	5.4	3.1						
75	**********	8.0	7.7	7.4	6.7	5.2	3.0							
80	**********	7.7	7.4	7.1	6.5	5.0	2.9							
85	**********	7.5	7.2	6.9	6.3	4.9	2.8							
90	**********	7.0	6.7	6.1	4.8	2.7								
95	**********	6.8	6.5	6.0	4.6	2.7								
100	**********	6.4	5.8	4.5	2.6									
125	**********	5.2	4.0	2.3										
150	**********	3.7	2.1											
200	**********	1.8												
250	**********	1.6												

NOTE: FOR CORRECT USAGE OF THESE TABLES PLEASE REFER TO MICRODATA DOCUMENTATION

National Private Vehicle Use Survey - 1996
Approximate Sampling Variability Tables for Québec
Applicable to Background Questionnaire Categorical Household or
Selected Vehicle Variables to be Analyzed at the Household Level
Q22, Q24, Q24A, Q27-Q31

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	189.3	188.4	187.5	184.6	179.7	174.6	169.4	164.0	158.4	152.7	146.7	133.9	103.7	59.9
2	133.8	133.2	132.6	130.5	127.0	123.5	119.8	116.0	112.0	108.0	103.7	94.7	73.3	42.3
3	********	108.8	108.2	106.6	103.7	100.8	97.8	94.7	91.5	88.1	84.7	77.3	59.9	34.6
4	********	94.2	93.7	92.3	89.8	87.3	84.7	82.0	79.2	76.3	73.3	67.0	51.9	29.9
5	********	84.3	83.8	82.5	80.3	78.1	75.7	73.3	70.9	68.3	65.6	59.9	46.4	26.8
6	********	76.9	76.5	75.4	73.3	71.3	69.1	67.0	64.7	62.3	59.9	54.7	42.3	24.4
7	********	71.2	70.9	69.8	67.9	66.0	64.0	62.0	59.9	57.7	55.4	50.6	39.2	22.6
8	********	66.6	66.3	65.3	63.5	61.7	59.9	58.0	56.0	54.0	51.9	47.3	36.7	21.2
9	********	62.8	62.5	61.5	59.9	58.2	56.5	54.7	52.8	50.9	48.9	44.6	34.6	20.0
10	********	59.6	59.3	58.4	56.8	55.2	53.6	51.9	50.1	48.3	46.4	42.3	32.8	18.9
11	********	56.8	56.5	55.7	54.2	52.6	51.1	49.4	47.8	46.0	44.2	40.4	31.3	18.1
12	********	54.4	54.1	53.3	51.9	50.4	48.9	47.3	45.7	44.1	42.3	38.7	29.9	17.3
13	********	52.3	52.0	51.2	49.8	48.4	47.0	45.5	43.9	42.3	40.7	37.1	28.8	16.6
14	********	50.4	50.1	49.3	48.0	46.7	45.3	43.8	42.3	40.8	39.2	35.8	27.7	16.0
15	********	48.7	48.4	47.7	46.4	45.1	43.7	42.3	40.9	39.4	37.9	34.6	26.8	15.5
16	********	47.1	46.9	46.1	44.9	43.6	42.3	41.0	39.6	38.2	36.7	33.5	25.9	15.0
17	********	45.7	45.5	44.8	43.6	42.3	41.1	39.8	38.4	37.0	35.6	32.5	25.2	14.5
18	********	44.4	44.2	43.5	42.3	41.2	39.9	38.7	37.3	36.0	34.6	31.6	24.4	14.1
19	********	43.2	43.0	42.3	41.2	40.1	38.9	37.6	36.3	35.0	33.7	30.7	23.8	13.7
20	********	42.1	41.9	41.3	40.2	39.0	37.9	36.7	35.4	34.1	32.8	29.9	23.2	13.4
21	********	41.1	40.9	40.3	39.2	38.1	37.0	35.8	34.6	33.3	32.0	29.2	22.6	13.1
22	********	40.2	40.0	39.4	38.3	37.2	36.1	35.0	33.8	32.6	31.3	28.5	22.1	12.8
23	********	39.3	39.1	38.5	37.5	36.4	35.3	34.2	33.0	31.8	30.6	27.9	21.6	12.5
24	********	38.5	38.3	37.7	36.7	35.6	34.6	33.5	32.3	31.2	29.9	27.3	21.2	12.2
25	********	37.7	37.5	36.9	35.9	34.9	33.9	32.8	31.7	30.5	29.3	26.8	20.7	12.0
30	**********	34.2	33.7	32.8	31.9	30.9	29.9	28.9	27.9	26.8	24.4	18.9	10.9	
35	**********	31.7	31.2	30.4	29.5	28.6	27.7	26.8	25.8	24.8	22.6	17.5	10.1	
40	**********	29.6	29.2	28.4	27.6	26.8	25.9	25.1	24.1	23.2	21.2	16.4	9.5	
45	**********	27.9	27.5	26.8	26.0	25.2	24.4	23.6	22.8	21.9	20.0	15.5	8.9	
50	**********	26.5	26.1	25.4	24.7	24.0	23.2	22.4	21.6	20.7	18.9	14.7	8.5	
55	**********	25.3	24.9	24.2	23.5	22.8	22.1	21.4	20.6	19.8	18.1	14.0	8.1	
60	**********	23.8	23.2	22.5	21.9	21.2	20.5	19.7	18.9	17.3	13.4	7.7		
65	**********	22.9	22.3	21.7	21.0	20.3	19.7	18.9	18.2	16.6	12.9	7.4		
70	**********	22.1	21.5	20.9	20.2	19.6	18.9	18.2	17.5	16.0	12.4	7.2		
75	**********	21.3	20.7	20.2	19.6	18.9	18.3	17.6	16.9	15.5	12.0	6.9		
80	**********	20.6	20.1	19.5	18.9	18.3	17.7	17.1	16.4	15.0	11.6	6.7		
85	**********	20.0	19.5	18.9	18.4	17.8	17.2	16.6	15.9	14.5	11.3	6.5		
90	**********	19.5	18.9	18.4	17.9	17.3	16.7	16.1	15.5	14.1	10.9	6.3		
95	**********	18.9	18.4	17.9	17.4	16.8	16.3	15.7	15.0	13.7	10.6	6.1		
100	**********	18.5	18.0	17.5	16.9	16.4	15.8	15.3	14.7	13.4	10.4	6.0		
125	**********	16.5	16.1	15.6	15.1	14.7	14.2	13.7	13.1	12.0	9.3	5.4		
150	**********	14.7	14.3	13.8	13.4	12.9	12.5	12.0	10.9	8.5	4.9			
200	**********	12.7	12.3	12.0	11.6	11.2	10.8	10.4	9.5	7.3	4.2			
250	**********	11.4	11.0	10.7	10.4	10.0	9.7	9.3	8.5	6.6	3.8			
300	**********	10.1	9.8	9.5	9.1	8.8	8.5	7.7	6.0	3.5				
350	**********	9.3	9.1	8.8	8.5	8.2	7.8	7.2	5.5	3.2				
400	**********	8.7	8.5	8.2	7.9	7.6	7.3	6.7	5.2	3.0				
450	**********	8.0	7.7	7.5	7.2	6.9	6.3	4.9	2.8					
500	**********	7.6	7.3	7.1	6.8	6.6	6.0	4.6	2.7					
750	**********	5.8	5.6	5.4	4.9	3.8	2.2							
1000	**********	4.8	4.6	4.2	3.3	1.9								
1500	**********	2.7	1.5											
2000	**********	2.3	1.3											

NOTE: FOR CORRECT USAGE OF THESE TABLES PLEASE REFER TO MICRODATA DOCUMENTATION

National Private Vehicle Use Survey - 1996
Approximate Sampling Variability Tables for Ontario
Applicable to Background Questionnaire Categorical Household or
Selected Vehicle Variables to be Analyzed at the Household Level
Q22, Q24, Q24A, Q27-Q31

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	230.9	229.8	228.7	225.1	219.1	213.0	206.6	200.0	193.3	186.2	178.9	163.3	126.5	73.0
2	163.2	162.5	161.7	159.2	154.9	150.6	146.1	141.4	136.7	131.7	126.5	115.5	89.5	51.6
3	133.3	132.7	132.0	130.0	126.5	123.0	119.3	115.5	111.6	107.5	103.3	94.3	73.0	42.2
4	115.4	114.9	114.3	112.6	109.6	106.5	103.3	100.0	96.6	93.1	89.5	81.7	63.3	36.5
5	********	102.8	102.3	100.7	98.0	95.2	92.4	89.5	86.4	83.3	80.0	73.0	56.6	32.7
6	********	93.8	93.4	91.9	89.5	86.9	84.3	81.7	78.9	76.0	73.0	66.7	51.6	29.8
7	********	86.9	86.4	85.1	82.8	80.5	78.1	75.6	73.0	70.4	67.6	61.7	47.8	27.6
8	********	81.3	80.8	79.6	77.5	75.3	73.0	70.7	68.3	65.8	63.3	57.7	44.7	25.8
9	********	76.6	76.2	75.0	73.0	71.0	68.9	66.7	64.4	62.1	59.6	54.4	42.2	24.3
10	********	72.7	72.3	71.2	69.3	67.3	65.3	63.3	61.1	58.9	56.6	51.6	40.0	23.1
11	********	69.3	68.9	67.9	66.1	64.2	62.3	60.3	58.3	56.1	53.9	49.2	38.1	22.0
12	********	66.3	66.0	65.0	63.3	61.5	59.6	57.7	55.8	53.8	51.6	47.1	36.5	21.1
13	********	63.7	63.4	62.4	60.8	59.1	57.3	55.5	53.6	51.6	49.6	45.3	35.1	20.3
14	********	61.4	61.1	60.2	58.6	56.9	55.2	53.5	51.6	49.8	47.8	43.7	33.8	19.5
15	********	59.3	59.0	58.1	56.6	55.0	53.3	51.6	49.9	48.1	46.2	42.2	32.7	18.9
16	********	57.5	57.2	56.3	54.8	53.2	51.6	50.0	48.3	46.6	44.7	40.8	31.6	18.3
17	********	55.7	55.5	54.6	53.1	51.6	50.1	48.5	46.9	45.2	43.4	39.6	30.7	17.7
18	********	54.2	53.9	53.1	51.6	50.2	48.7	47.1	45.6	43.9	42.2	38.5	29.8	17.2
19	********	52.7	52.5	51.6	50.3	48.9	47.4	45.9	44.3	42.7	41.0	37.5	29.0	16.8
20	********	51.4	51.1	50.3	49.0	47.6	46.2	44.7	43.2	41.6	40.0	36.5	28.3	16.3
21	********	50.2	49.9	49.1	47.8	46.5	45.1	43.7	42.2	40.6	39.0	35.6	27.6	15.9
22	********	49.0	48.8	48.0	46.7	45.4	44.0	42.6	41.2	39.7	38.1	34.8	27.0	15.6
23	********	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
24	********	46.9	46.7	46.0	44.7	43.5	42.2	40.8	39.4	38.0	36.5	33.3	25.8	14.9
25	********	46.0	45.7	45.0	43.8	42.6	41.3	40.0	38.7	37.2	35.8	32.7	25.3	14.6
30	********	42.0	41.7	41.1	40.0	38.9	37.7	36.5	35.3	34.0	32.7	29.8	23.1	13.3
35	********	38.8	38.7	38.1	37.0	36.0	34.9	33.8	32.7	31.5	30.2	27.6	21.4	12.3
40	********	36.3	36.2	35.6	34.6	33.7	32.7	31.6	30.6	29.4	28.3	25.8	20.0	11.5
45	**********	34.1	33.6	32.7	31.7	30.8	29.8	28.8	27.8	26.7	24.3	18.9	10.9	
50	**********	32.3	31.8	31.0	30.1	29.2	28.3	27.3	26.3	25.3	23.1	17.9	10.3	
55	**********	30.8	30.4	29.5	28.7	27.9	27.0	26.1	25.1	24.1	22.0	17.1	9.8	
60	**********	29.5	29.1	28.3	27.5	26.7	25.8	24.9	24.0	23.1	21.1	16.3	9.4	
65	**********	28.4	27.9	27.2	26.4	25.6	24.8	24.0	23.1	22.2	20.3	15.7	9.1	
70	**********	27.3	26.9	26.2	25.5	24.7	23.9	23.1	22.3	21.4	19.5	15.1	8.7	
75	**********	26.4	26.0	25.3	24.6	23.9	23.1	22.3	21.5	20.7	18.9	14.6	8.4	
80	**********	25.6	25.2	24.5	23.8	23.1	22.4	21.6	20.8	20.0	18.3	14.1	8.2	
85	**********	24.4	23.8	23.1	22.4	21.7	21.0	20.2	19.4	17.7	13.7	7.9		
90	**********	23.7	23.1	22.4	21.8	21.1	20.4	19.6	18.9	17.2	13.3	7.7		
95	**********	23.1	22.5	21.8	21.2	20.5	19.8	19.1	18.4	16.8	13.0	7.5		
100	**********	22.5	21.9	21.3	20.7	20.0	19.3	18.6	17.9	16.3	12.7	7.3		
125	**********	20.1	19.6	19.0	18.5	17.9	17.3	16.7	16.0	14.6	11.3	6.5		
150	**********	18.4	17.9	17.4	16.9	16.3	15.8	15.2	14.6	13.3	10.3	6.0		
200	**********	15.9	15.5	15.1	14.6	14.1	13.7	13.2	12.7	11.5	8.9	5.2		
250	**********	13.9	13.5	13.1	12.7	12.2	11.8	11.3	10.3	8.0	4.6			
300	**********	12.7	12.3	11.9	11.5	11.2	10.8	10.3	9.4	7.3	4.2			
350	**********	11.7	11.4	11.0	10.7	10.3	10.0	9.6	8.7	6.8	3.9			
400	**********	11.0	10.6	10.3	10.0	9.7	9.3	8.9	8.2	6.3	3.7			
450	**********	10.0	9.7	9.4	9.1	8.8	8.4	7.7	6.0	3.4				
500	**********	9.5	9.2	8.9	8.6	8.3	8.0	7.3	5.7	3.3				
750	**********	7.5	7.3	7.1	6.8	6.5	6.0	4.6	2.7					
1000	**********	6.3	6.1	5.9	5.7	5.2	4.0	2.3						
1500	**********	4.6	4.2	3.3	1.9									
2000	**********	3.7	2.8	1.6										
3000	**********	1.3												

NOTE: FOR CORRECT USAGE OF THESE TABLES PLEASE REFER TO MICRODATA DOCUMENTATION

National Private Vehicle Use Survey - 1996
Approximate Sampling Variability Tables for Manitoba
Applicable to Background Questionnaire Categorical Household or
Selected Vehicle Variables to be Analyzed at the Household Level
Q22, Q24, Q24A, Q27-Q31

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	********	100.1	99.6	98.0	95.4	92.7	90.0	87.1	84.2	81.1	77.9	71.1	55.1	31.8
2	********	70.8	70.4	69.3	67.5	65.6	63.6	61.6	59.5	57.3	55.1	50.3	39.0	22.5
3	********	57.8	57.5	56.6	55.1	53.5	51.9	50.3	48.6	46.8	45.0	41.1	31.8	18.4
4	********	50.0	49.8	49.0	47.7	46.4	45.0	43.6	42.1	40.5	39.0	35.6	27.5	15.9
5	**********		44.5	43.8	42.7	41.5	40.2	39.0	37.6	36.3	34.8	31.8	24.6	14.2
6	**********		40.6	40.0	39.0	37.9	36.7	35.6	34.4	33.1	31.8	29.0	22.5	13.0
7	**********		37.6	37.1	36.1	35.0	34.0	32.9	31.8	30.6	29.4	26.9	20.8	12.0
8	**********		35.2	34.7	33.7	32.8	31.8	30.8	29.8	28.7	27.5	25.1	19.5	11.2
9	**********		**********	32.7	31.8	30.9	30.0	29.0	28.1	27.0	26.0	23.7	18.4	10.6
10	**********		**********	31.0	30.2	29.3	28.4	27.5	26.6	25.6	24.6	22.5	17.4	10.1
11	**********		**********	29.6	28.8	28.0	27.1	26.3	25.4	24.4	23.5	21.4	16.6	9.6
12	**********		**********	28.3	27.5	26.8	26.0	25.1	24.3	23.4	22.5	20.5	15.9	9.2
13	**********		**********	27.2	26.5	25.7	25.0	24.2	23.3	22.5	21.6	19.7	15.3	8.8
14	**********		**********	26.2	25.5	24.8	24.0	23.3	22.5	21.7	20.8	19.0	14.7	8.5
15	**********		**********	25.3	24.6	23.9	23.2	22.5	21.7	20.9	20.1	18.4	14.2	8.2
16	**********		**********	24.5	23.9	23.2	22.5	21.8	21.0	20.3	19.5	17.8	13.8	8.0
17	**********		**********	23.8	23.1	22.5	21.8	21.1	20.4	19.7	18.9	17.2	13.4	7.7
18	**********		**********	23.1	22.5	21.9	21.2	20.5	19.8	19.1	18.4	16.8	13.0	7.5
19	**********		**********	22.5	21.9	21.3	20.6	20.0	19.3	18.6	17.9	16.3	12.6	7.3
20	**********		**********	21.9	21.3	20.7	20.1	19.5	18.8	18.1	17.4	15.9	12.3	7.1
21	**********		**********	21.4	20.8	20.2	19.6	19.0	18.4	17.7	17.0	15.5	12.0	6.9
22	**********		**********	20.3	19.8	19.2	18.6	17.9	17.3	16.6	15.2	11.7	6.8	
23	**********		**********	19.9	19.3	18.8	18.2	17.5	16.9	16.2	14.8	11.5	6.6	
24	**********		**********	19.5	18.9	18.4	17.8	17.2	16.6	15.9	14.5	11.2	6.5	
25	**********		**********	19.1	18.5	18.0	17.4	16.8	16.2	15.6	14.2	11.0	6.4	
30	**********		**********	17.4	16.9	16.4	15.9	15.4	14.8	14.2	13.0	10.1	5.8	
35	**********		**********	16.1	15.7	15.2	14.7	14.2	13.7	13.2	12.0	9.3	5.4	
40	**********		**********	15.1	14.7	14.2	13.8	13.3	12.8	12.3	11.2	8.7	5.0	
45	**********		**********	13.8	13.4	13.0	12.5	12.1	11.6	10.6	8.2	4.7		
50	**********		**********	13.1	12.7	12.3	11.9	11.5	11.0	10.1	7.8	4.5		
55	**********		**********	12.5	12.1	11.7	11.3	10.9	10.5	9.6	7.4	4.3		
60	**********		**********	12.0	11.6	11.2	10.9	10.5	10.1	9.2	7.1	4.1		
65	**********		**********	11.2	10.8	10.4	10.1	9.7	8.8	6.8	3.9			
70	**********		**********	10.8	10.4	10.1	9.7	9.3	8.5	6.6	3.8			
75	**********		**********	10.4	10.1	9.7	9.4	9.0	8.2	6.4	3.7			
80	**********		**********	10.1	9.7	9.4	9.1	8.7	8.0	6.2	3.6			
85	**********		**********	9.8	9.4	9.1	8.8	8.5	7.7	6.0	3.4			
90	**********		**********	9.2	8.9	8.5	8.2	7.5	5.8	3.4				
95	**********		**********	8.9	8.6	8.3	8.0	7.3	5.7	3.3				
100	**********		**********	8.7	8.4	8.1	7.8	7.1	5.5	3.2				
125	**********		**********	7.5	7.3	7.0	6.4	4.9	2.8					
150	**********		**********	6.4	5.8	4.5	2.6							
200	**********		**********	5.0	3.9	2.2								
250	**********		**********	3.5	2.0									
300	**********		**********	1.8										
350	**********		**********	1.7										

NOTE: FOR CORRECT USAGE OF THESE TABLES PLEASE REFER TO MICRODATA DOCUMENTATION

National Private Vehicle Use Survey - 1996
Approximate Sampling Variability Tables for Saskatchewan
Applicable to Background Questionnaire Categorical Household or
Selected Vehicle Variables to be Analyzed at the Household Level
Q22, Q24, Q24A, Q27-Q31

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	********	92.0	91.5	90.1	87.7	85.2	82.7	80.1	77.3	74.5	71.6	65.4	50.6	29.2
2	********	65.0	64.7	63.7	62.0	60.3	58.5	56.6	54.7	52.7	50.6	46.2	35.8	20.7
3	********	53.1	52.8	52.0	50.6	49.2	47.7	46.2	44.7	43.0	41.3	37.7	29.2	16.9
4	**********		45.8	45.0	43.8	42.6	41.3	40.0	38.7	37.3	35.8	32.7	25.3	14.6
5	**********		40.9	40.3	39.2	38.1	37.0	35.8	34.6	33.3	32.0	29.2	22.6	13.1
6	**********		37.4	36.8	35.8	34.8	33.8	32.7	31.6	30.4	29.2	26.7	20.7	11.9
7	**********		34.6	34.1	33.1	32.2	31.3	30.3	29.2	28.2	27.1	24.7	19.1	11.0
8	**********		31.9	31.0	30.1	29.2	28.3	27.3	26.3	25.3	23.1	17.9	10.3	
9	**********		30.0	29.2	28.4	27.6	26.7	25.8	24.8	23.9	21.8	16.9	9.7	
10	**********		28.5	27.7	27.0	26.1	25.3	24.5	23.6	22.6	20.7	16.0	9.2	
11	**********		27.2	26.4	25.7	24.9	24.1	23.3	22.5	21.6	19.7	15.3	8.8	
12	**********		26.0	25.3	24.6	23.9	23.1	22.3	21.5	20.7	18.9	14.6	8.4	
13	**********		25.0	24.3	23.6	22.9	22.2	21.5	20.7	19.9	18.1	14.0	8.1	
14	**********		24.1	23.4	22.8	22.1	21.4	20.7	19.9	19.1	17.5	13.5	7.8	
15	**********		23.3	22.6	22.0	21.3	20.7	20.0	19.2	18.5	16.9	13.1	7.5	
16	**********		22.5	21.9	21.3	20.7	20.0	19.3	18.6	17.9	16.3	12.7	7.3	
17	**********		21.9	21.3	20.7	20.1	19.4	18.8	18.1	17.4	15.9	12.3	7.1	
18	**********		21.2	20.7	20.1	19.5	18.9	18.2	17.6	16.9	15.4	11.9	6.9	
19	**********		20.1	19.6	19.0	18.4	17.7	17.1	16.4	15.0	11.6	6.7		
20	**********		19.6	19.1	18.5	17.9	17.3	16.7	16.0	14.6	11.3	6.5		
21	**********		19.1	18.6	18.0	17.5	16.9	16.3	15.6	14.3	11.0	6.4		
22	**********		18.7	18.2	17.6	17.1	16.5	15.9	15.3	13.9	10.8	6.2		
23	**********		18.3	17.8	17.2	16.7	16.1	15.5	14.9	13.6	10.6	6.1		
24	**********		17.9	17.4	16.9	16.3	15.8	15.2	14.6	13.3	10.3	6.0		
25	**********		17.5	17.0	16.5	16.0	15.5	14.9	14.3	13.1	10.1	5.8		
30	**********		16.0	15.6	15.1	14.6	14.1	13.6	13.1	11.9	9.2	5.3		
35	**********		14.8	14.4	14.0	13.5	13.1	12.6	12.1	11.0	8.6	4.9		
40	**********			13.5	13.1	12.7	12.2	11.8	11.3	10.3	8.0	4.6		
45	**********			12.7	12.3	11.9	11.5	11.1	10.7	9.7	7.5	4.4		
50	**********			12.1	11.7	11.3	10.9	10.5	10.1	9.2	7.2	4.1		
55	**********			11.5	11.1	10.8	10.4	10.0	9.7	8.8	6.8	3.9		
60	**********				10.7	10.3	10.0	9.6	9.2	8.4	6.5	3.8		
65	**********				10.3	9.9	9.6	9.2	8.9	8.1	6.3	3.6		
70	**********				9.9	9.6	9.2	8.9	8.6	7.8	6.1	3.5		
75	**********				9.5	9.2	8.9	8.6	8.3	7.5	5.8	3.4		
80	**********					9.0	8.6	8.3	8.0	7.3	5.7	3.3		
85	**********					8.7	8.4	8.1	7.8	7.1	5.5	3.2		
90	**********					8.4	8.2	7.9	7.5	6.9	5.3	3.1		
95	**********						7.9	7.6	7.3	6.7	5.2	3.0		
100	**********						7.7	7.5	7.2	6.5	5.1	2.9		
125	**********							6.7	6.4	5.8	4.5	2.6		
150	**********								5.8	5.3	4.1	2.4		
200	**********											3.6	2.1	
250	**********											3.2	1.8	
300	**********												1.7	

NOTE: FOR CORRECT USAGE OF THESE TABLES PLEASE REFER TO MICRODATA DOCUMENTATION

National Private Vehicle Use Survey - 1996
Approximate Sampling Variability Tables for Alberta
Applicable to Background Questionnaire Categorical Household or
Selected Vehicle Variables to be Analyzed at the Household Level
Q22, Q24, Q24A, Q27-Q31

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	141.7	141.1	140.4	138.2	134.5	130.7	126.8	122.8	118.7	114.3	109.8	100.3	77.7	44.8
2	********	99.8	99.3	97.7	95.1	92.5	89.7	86.8	83.9	80.8	77.7	70.9	54.9	31.7
3	********	81.5	81.1	79.8	77.7	75.5	73.2	70.9	68.5	66.0	63.4	57.9	44.8	25.9
4	********	70.6	70.2	69.1	67.3	65.4	63.4	61.4	59.3	57.2	54.9	50.1	38.8	22.4
5	********	63.1	62.8	61.8	60.2	58.5	56.7	54.9	53.1	51.1	49.1	44.8	34.7	20.1
6	********	57.6	57.3	56.4	54.9	53.4	51.8	50.1	48.4	46.7	44.8	40.9	31.7	18.3
7	********	53.3	53.1	52.2	50.9	49.4	47.9	46.4	44.8	43.2	41.5	37.9	29.4	17.0
8	********	49.9	49.6	48.9	47.6	46.2	44.8	43.4	41.9	40.4	38.8	35.5	27.5	15.9
9	********	47.0	46.8	46.1	44.8	43.6	42.3	40.9	39.6	38.1	36.6	33.4	25.9	14.9
10	********	44.6	44.4	43.7	42.5	41.3	40.1	38.8	37.5	36.2	34.7	31.7	24.6	14.2
11	**********	42.3	41.7	40.6	39.4	38.2	37.0	35.8	34.5	33.1	30.2	23.4	13.5	
12	**********	40.5	39.9	38.8	37.7	36.6	35.5	34.3	33.0	31.7	28.9	22.4	12.9	
13	**********	38.9	38.3	37.3	36.3	35.2	34.1	32.9	31.7	30.5	27.8	21.5	12.4	
14	**********	37.5	36.9	36.0	34.9	33.9	32.8	31.7	30.6	29.4	26.8	20.8	12.0	
15	**********	36.2	35.7	34.7	33.8	32.8	31.7	30.6	29.5	28.4	25.9	20.1	11.6	
16	**********	35.1	34.6	33.6	32.7	31.7	30.7	29.7	28.6	27.5	25.1	19.4	11.2	
17	**********	34.0	33.5	32.6	31.7	30.8	29.8	28.8	27.7	26.6	24.3	18.8	10.9	
18	**********	33.1	32.6	31.7	30.8	29.9	28.9	28.0	26.9	25.9	23.6	18.3	10.6	
19	**********	32.2	31.7	30.9	30.0	29.1	28.2	27.2	26.2	25.2	23.0	17.8	10.3	
20	**********	31.4	30.9	30.1	29.2	28.4	27.5	26.5	25.6	24.6	22.4	17.4	10.0	
21	**********	30.2	29.4	28.5	27.7	26.8	25.9	24.9	24.0	21.9	17.0	9.8		
22	**********	29.5	28.7	27.9	27.0	26.2	25.3	24.4	23.4	21.4	16.6	9.6		
23	**********	28.8	28.1	27.3	26.4	25.6	24.7	23.8	22.9	20.9	16.2	9.4		
24	**********	28.2	27.5	26.7	25.9	25.1	24.2	23.3	22.4	20.5	15.9	9.2		
25	**********	27.6	26.9	26.1	25.4	24.6	23.7	22.9	22.0	20.1	15.5	9.0		
30	**********	25.2	24.6	23.9	23.2	22.4	21.7	20.9	20.1	18.3	14.2	8.2		
35	**********	23.4	22.7	22.1	21.4	20.8	20.1	19.3	18.6	17.0	13.1	7.6		
40	**********	21.9	21.3	20.7	20.1	19.4	18.8	18.1	17.4	15.9	12.3	7.1		
45	**********	20.6	20.1	19.5	18.9	18.3	17.7	17.0	16.4	14.9	11.6	6.7		
50	**********	19.5	19.0	18.5	17.9	17.4	16.8	16.2	15.5	14.2	11.0	6.3		
55	**********	18.1	17.6	17.1	16.6	16.0	15.4	14.8	13.5	10.5	6.0			
60	**********	17.4	16.9	16.4	15.9	15.3	14.8	14.2	12.9	10.0	5.8			
65	**********	16.7	16.2	15.7	15.2	14.7	14.2	13.6	12.4	9.6	5.6			
70	**********	16.1	15.6	15.2	14.7	14.2	13.7	13.1	12.0	9.3	5.4			
75	**********	15.5	15.1	14.6	14.2	13.7	13.2	12.7	11.6	9.0	5.2			
80	**********	15.0	14.6	14.2	13.7	13.3	12.8	12.3	11.2	8.7	5.0			
85	**********	14.6	14.2	13.8	13.3	12.9	12.4	11.9	10.9	8.4	4.9			
90	**********	14.2	13.8	13.4	12.9	12.5	12.1	11.6	10.6	8.2	4.7			
95	**********	13.8	13.4	13.0	12.6	12.2	11.7	11.3	10.3	8.0	4.6			
100	**********	13.5	13.1	12.7	12.3	11.9	11.4	11.0	10.0	7.8	4.5			
125	**********	11.7	11.3	11.0	10.6	10.2	9.8	9.0	6.9	4.0				
150	**********	10.7	10.4	10.0	9.7	9.3	9.0	8.2	6.3	3.7				
200	**********	9.0	8.7	8.4	8.1	7.8	7.1	5.5	3.2					
250	**********	7.8	7.5	7.2	6.9	6.3	4.9	2.8						
300	**********	6.9	6.6	6.3	5.8	4.5	2.6							
350	**********	6.1	5.9	5.4	4.2	2.4								
400	**********	5.5	5.0	3.9	2.2									
450	**********	4.7	3.7	2.1										
500	**********	4.5	3.5	2.0										
750	**********	1.6												

NOTE: FOR CORRECT USAGE OF THESE TABLES PLEASE REFER TO MICRODATA DOCUMENTATION

National Private Vehicle Use Survey - 1996
Approximate Sampling Variability Tables for British Columbia
Applicable to Background Questionnaire Categorical Household or
Selected Vehicle Variables to be Analyzed at the Household Level
Q22, Q24, Q24A, Q27-Q31

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	187.3	186.5	185.5	182.7	177.8	172.8	167.6	162.3	156.8	151.1	145.2	132.5	102.7	59.3
2	********	131.9	131.2	129.2	125.7	122.2	118.5	114.8	110.9	106.8	102.7	93.7	72.6	41.9
3	********	107.7	107.1	105.5	102.7	99.8	96.8	93.7	90.5	87.2	83.8	76.5	59.3	34.2
4	********	93.2	92.8	91.3	88.9	86.4	83.8	81.2	78.4	75.5	72.6	66.3	51.3	29.6
5	********	83.4	83.0	81.7	79.5	77.3	75.0	72.6	70.1	67.6	64.9	59.3	45.9	26.5
6	********	76.1	75.7	74.6	72.6	70.5	68.4	66.3	64.0	61.7	59.3	54.1	41.9	24.2
7	********	70.5	70.1	69.0	67.2	65.3	63.4	61.3	59.3	57.1	54.9	50.1	38.8	22.4
8	********	65.9	65.6	64.6	62.9	61.1	59.3	57.4	55.4	53.4	51.3	46.9	36.3	21.0
9	********	62.2	61.8	60.9	59.3	57.6	55.9	54.1	52.3	50.4	48.4	44.2	34.2	19.8
10	********	59.0	58.7	57.8	56.2	54.6	53.0	51.3	49.6	47.8	45.9	41.9	32.5	18.7
11	********	56.2	55.9	55.1	53.6	52.1	50.5	48.9	47.3	45.6	43.8	40.0	31.0	17.9
12	********	53.8	53.6	52.7	51.3	49.9	48.4	46.9	45.3	43.6	41.9	38.3	29.6	17.1
13	********	51.7	51.5	50.7	49.3	47.9	46.5	45.0	43.5	41.9	40.3	36.8	28.5	16.4
14	********	49.8	49.6	48.8	47.5	46.2	44.8	43.4	41.9	40.4	38.8	35.4	27.4	15.8
15	**********	47.9	47.2	45.9	44.6	43.3	41.9	40.5	39.0	37.5	34.2	26.5	15.3	
16	**********	46.4	45.7	44.4	43.2	41.9	40.6	39.2	37.8	36.3	33.1	25.7	14.8	
17	**********	45.0	44.3	43.1	41.9	40.7	39.4	38.0	36.6	35.2	32.1	24.9	14.4	
18	**********	43.7	43.1	41.9	40.7	39.5	38.3	37.0	35.6	34.2	31.2	24.2	14.0	
19	**********	42.6	41.9	40.8	39.6	38.5	37.2	36.0	34.7	33.3	30.4	23.5	13.6	
20	**********	41.5	40.8	39.8	38.6	37.5	36.3	35.1	33.8	32.5	29.6	23.0	13.3	
21	**********	40.5	39.9	38.8	37.7	36.6	35.4	34.2	33.0	31.7	28.9	22.4	12.9	
22	**********	39.6	38.9	37.9	36.8	35.7	34.6	33.4	32.2	31.0	28.3	21.9	12.6	
23	**********	38.7	38.1	37.1	36.0	35.0	33.8	32.7	31.5	30.3	27.6	21.4	12.4	
24	**********	37.9	37.3	36.3	35.3	34.2	33.1	32.0	30.8	29.6	27.1	21.0	12.1	
25	**********	37.1	36.5	35.6	34.6	33.5	32.5	31.4	30.2	29.0	26.5	20.5	11.9	
30	**********	33.4	32.5	31.5	30.6	29.6	28.6	27.6	26.5	24.2	18.7	10.8		
35	**********	30.9	30.1	29.2	28.3	27.4	26.5	25.5	24.5	22.4	17.4	10.0		
40	**********	28.9	28.1	27.3	26.5	25.7	24.8	23.9	23.0	21.0	16.2	9.4		
45	**********	27.2	26.5	25.8	25.0	24.2	23.4	22.5	21.6	19.8	15.3	8.8		
50	**********	25.8	25.1	24.4	23.7	23.0	22.2	21.4	20.5	18.7	14.5	8.4		
55	**********	24.6	24.0	23.3	22.6	21.9	21.1	20.4	19.6	17.9	13.8	8.0		
60	**********	23.6	23.0	22.3	21.6	21.0	20.2	19.5	18.7	17.1	13.3	7.7		
65	**********	22.7	22.1	21.4	20.8	20.1	19.4	18.7	18.0	16.4	12.7	7.4		
70	**********	21.8	21.3	20.7	20.0	19.4	18.7	18.1	17.4	15.8	12.3	7.1		
75	**********	20.5	20.0	19.4	18.7	18.1	17.4	16.8	15.3	11.9	6.8			
80	**********	19.9	19.3	18.7	18.1	17.5	16.9	16.2	14.8	11.5	6.6			
85	**********	19.3	18.7	18.2	17.6	17.0	16.4	15.7	14.4	11.1	6.4			
90	**********	18.7	18.2	17.7	17.1	16.5	15.9	15.3	14.0	10.8	6.2			
95	**********	18.2	17.7	17.2	16.7	16.1	15.5	14.9	13.6	10.5	6.1			
100	**********	17.8	17.3	16.8	16.2	15.7	15.1	14.5	13.3	10.3	5.9			
125	**********	15.9	15.5	15.0	14.5	14.0	13.5	13.0	11.9	9.2	5.3			
150	**********	14.1	13.7	13.3	12.8	12.3	11.9	10.8	8.4	4.8				
200	**********	12.2	11.9	11.5	11.1	10.7	10.3	9.4	7.3	4.2				
250	**********	10.6	10.3	9.9	9.6	9.2	8.4	6.5	3.7					
300	**********	9.4	9.1	8.7	8.4	7.7	5.9	3.4						
350	**********	8.7	8.4	8.1	7.8	7.1	5.5	3.2						
400	**********	7.8	7.6	7.3	6.6	5.1	3.0							
450	**********	7.1	6.8	6.2	4.8	2.8								
500	**********	6.8	6.5	5.9	4.6	2.7								
750	**********	3.7	2.2											
1000	**********	3.2	1.9											

NOTE: FOR CORRECT USAGE OF THESE TABLES PLEASE REFER TO MICRODATA DOCUMENTATION

National Private Vehicle Use Survey - 1996
Approximate Sampling Variability Tables for Atlantic
Applicable to Background Questionnaire Categorical Household or
Selected Vehicle Variables to be Analyzed at the Household Level
Q22, Q24, Q24A, Q27-Q31

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	********	91.5	91.0	89.6	87.2	84.8	82.2	79.6	76.9	74.1	71.2	65.0	50.4	29.1
2	********	64.7	64.4	63.4	61.7	59.9	58.2	56.3	54.4	52.4	50.4	46.0	35.6	20.6
3	********	52.8	52.6	51.7	50.4	48.9	47.5	46.0	44.4	42.8	41.1	37.5	29.1	16.8
4	********	45.7	45.5	44.8	43.6	42.4	41.1	39.8	38.5	37.1	35.6	32.5	25.2	14.5
5	********	40.9	40.7	40.1	39.0	37.9	36.8	35.6	34.4	33.2	31.9	29.1	22.5	13.0
6	********	37.4	37.2	36.6	35.6	34.6	33.6	32.5	31.4	30.3	29.1	26.5	20.6	11.9
7	********	34.6	34.4	33.9	33.0	32.0	31.1	30.1	29.1	28.0	26.9	24.6	19.0	11.0
8	********	32.3	32.2	31.7	30.8	30.0	29.1	28.2	27.2	26.2	25.2	23.0	17.8	10.3
9	**********	30.3	29.9	29.1	28.3	27.4	26.5	25.6	24.7	23.7	21.7	16.8	9.7
10	**********	28.8	28.3	27.6	26.8	26.0	25.2	24.3	23.4	22.5	20.6	15.9	9.2
11	**********	27.4	27.0	26.3	25.6	24.8	24.0	23.2	22.4	21.5	19.6	15.2	8.8
12	**********	26.3	25.9	25.2	24.5	23.7	23.0	22.2	21.4	20.6	18.8	14.5	8.4
13	**********	25.2	24.9	24.2	23.5	22.8	22.1	21.3	20.6	19.8	18.0	14.0	8.1
14	**********	24.3	24.0	23.3	22.7	22.0	21.3	20.6	19.8	19.0	17.4	13.5	7.8
15	**********	23.5	23.1	22.5	21.9	21.2	20.6	19.9	19.1	18.4	16.8	13.0	7.5
16	**********	22.8	22.4	21.8	21.2	20.6	19.9	19.2	18.5	17.8	16.3	12.6	7.3
17	**********	22.1	21.7	21.2	20.6	19.9	19.3	18.7	18.0	17.3	15.8	12.2	7.1
18	**********	21.1	20.6	20.0	19.4	18.8	18.1	17.5	16.8	15.3	11.9	6.9
19	**********	20.6	20.0	19.4	18.9	18.3	17.7	17.0	16.3	14.9	11.6	6.7
20	**********	20.0	19.5	19.0	18.4	17.8	17.2	16.6	15.9	14.5	11.3	6.5
21	**********	19.6	19.0	18.5	17.9	17.4	16.8	16.2	15.5	14.2	11.0	6.3
22	**********	19.1	18.6	18.1	17.5	17.0	16.4	15.8	15.2	13.9	10.7	6.2
23	**********	18.7	18.2	17.7	17.2	16.6	16.0	15.5	14.9	13.6	10.5	6.1
24	**********	18.3	17.8	17.3	16.8	16.3	15.7	15.1	14.5	13.3	10.3	5.9
25	**********	17.9	17.4	17.0	16.4	15.9	15.4	14.8	14.2	13.0	10.1	5.8
30	**********	16.4	15.9	15.5	15.0	14.5	14.0	13.5	13.0	11.9	9.2	5.3
35	**********	15.2	14.7	14.3	13.9	13.5	13.0	12.5	12.0	11.0	8.5	4.9
40	**********	14.2	13.8	13.4	13.0	12.6	12.2	11.7	11.3	10.3	8.0	4.6
45	**********	13.0	12.6	12.3	11.9	11.5	11.1	10.6	9.7	7.5	4.3
50	**********	12.3	12.0	11.6	11.3	10.9	10.5	10.1	9.2	7.1	4.1
55	**********	11.8	11.4	11.1	10.7	10.4	10.0	9.6	8.8	6.8	3.9
60	**********	11.3	10.9	10.6	10.3	9.9	9.6	9.2	8.4	6.5	3.8
65	**********	10.8	10.5	10.2	9.9	9.5	9.2	8.8	8.1	6.2	3.6
70	**********	10.4	10.1	9.8	9.5	9.2	8.9	8.5	7.8	6.0	3.5
75	**********	10.1	9.8	9.5	9.2	8.9	8.6	8.2	7.5	5.8	3.4
80	**********	9.8	9.5	9.2	8.9	8.6	8.3	8.0	7.3	5.6	3.3
85	**********	9.5	9.2	8.9	8.6	8.3	8.0	7.7	7.1	5.5	3.2
90	**********	8.9	8.7	8.4	8.1	7.8	7.5	6.9	5.3	3.1
95	**********	8.7	8.4	8.2	7.9	7.6	7.3	6.7	5.2	3.0
100	**********	8.5	8.2	8.0	7.7	7.4	7.1	6.5	5.0	2.9
125	**********	7.6	7.4	7.1	6.9	6.6	6.4	5.8	4.5	2.6
150	**********	6.7	6.5	6.3	6.1	5.8	5.3	4.1	2.4
200	**********	5.6	5.4	5.2	5.0	4.6	3.6	2.1
250	**********	4.9	4.7	4.5	4.1	3.2	1.8
300	**********	4.3	4.1	3.8	2.9	1.7
350	**********	3.8	3.5	2.7	1.6
400	**********	3.3	2.5	1.5
450	**********	2.4	1.4
500	**********	2.3	1.3
750	**********	1.1

NOTE: FOR CORRECT USAGE OF THESE TABLES PLEASE REFER TO MICRODATA DOCUMENTATION

National Private Vehicle Use Survey - 1996
Approximate Sampling Variability Tables for Prairies
Applicable to Background Questionnaire Categorical Household or
Selected Vehicle Variables to be Analyzed at the Household Level
Q22, Q24, Q24A, Q27-Q31

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	125.8	125.2	124.6	122.6	119.4	116.0	112.5	109.0	105.3	101.4	97.5	89.0	68.9	39.8
2	********	88.5	88.1	86.7	84.4	82.0	79.6	77.0	74.4	71.7	68.9	62.9	48.7	28.1
3	********	72.3	71.9	70.8	68.9	67.0	65.0	62.9	60.8	58.6	56.3	51.4	39.8	23.0
4	********	62.6	62.3	61.3	59.7	58.0	56.3	54.5	52.6	50.7	48.7	44.5	34.5	19.9
5	********	56.0	55.7	54.8	53.4	51.9	50.3	48.7	47.1	45.4	43.6	39.8	30.8	17.8
6	********	51.1	50.8	50.1	48.7	47.4	45.9	44.5	43.0	41.4	39.8	36.3	28.1	16.2
7	********	47.3	47.1	46.4	45.1	43.8	42.5	41.2	39.8	38.3	36.8	33.6	26.0	15.0
8	********	44.3	44.0	43.4	42.2	41.0	39.8	38.5	37.2	35.9	34.5	31.5	24.4	14.1
9	********	41.7	41.5	40.9	39.8	38.7	37.5	36.3	35.1	33.8	32.5	29.7	23.0	13.3
10	********	39.6	39.4	38.8	37.7	36.7	35.6	34.5	33.3	32.1	30.8	28.1	21.8	12.6
11	********	37.7	37.6	37.0	36.0	35.0	33.9	32.9	31.7	30.6	29.4	26.8	20.8	12.0
12	********	36.1	36.0	35.4	34.5	33.5	32.5	31.5	30.4	29.3	28.1	25.7	19.9	11.5
13	********	34.7	34.5	34.0	33.1	32.2	31.2	30.2	29.2	28.1	27.0	24.7	19.1	11.0
14	********	33.5	33.3	32.8	31.9	31.0	30.1	29.1	28.1	27.1	26.0	23.8	18.4	10.6
15	********	32.3	32.2	31.7	30.8	30.0	29.1	28.1	27.2	26.2	25.2	23.0	17.8	10.3
16	********	31.3	31.1	30.7	29.8	29.0	28.1	27.2	26.3	25.4	24.4	22.2	17.2	9.9
17	********	30.4	30.2	29.7	29.0	28.1	27.3	26.4	25.5	24.6	23.6	21.6	16.7	9.7
18	********	29.5	29.4	28.9	28.1	27.3	26.5	25.7	24.8	23.9	23.0	21.0	16.2	9.4
19	**********	28.6	28.1	27.4	26.6	25.8	25.0	24.2	23.3	22.4	20.4	15.8	9.1	
20	**********	27.9	27.4	26.7	25.9	25.2	24.4	23.5	22.7	21.8	19.9	15.4	8.9	
21	**********	27.2	26.8	26.0	25.3	24.6	23.8	23.0	22.1	21.3	19.4	15.0	8.7	
22	**********	26.6	26.1	25.4	24.7	24.0	23.2	22.4	21.6	20.8	19.0	14.7	8.5	
23	**********	26.0	25.6	24.9	24.2	23.5	22.7	22.0	21.2	20.3	18.6	14.4	8.3	
24	**********	25.4	25.0	24.4	23.7	23.0	22.2	21.5	20.7	19.9	18.2	14.1	8.1	
25	**********	24.9	24.5	23.9	23.2	22.5	21.8	21.1	20.3	19.5	17.8	13.8	8.0	
30	**********	22.7	22.4	21.8	21.2	20.5	19.9	19.2	18.5	17.8	16.2	12.6	7.3	
35	**********	21.1	20.7	20.2	19.6	19.0	18.4	17.8	17.1	16.5	15.0	11.6	6.7	
40	**********	19.4	18.9	18.3	17.8	17.2	16.6	16.0	15.4	14.1	10.9	6.3		
45	**********	18.3	17.8	17.3	16.8	16.2	15.7	15.1	14.5	13.3	10.3	5.9		
50	**********	17.3	16.9	16.4	15.9	15.4	14.9	14.3	13.8	12.6	9.7	5.6		
55	**********	16.5	16.1	15.6	15.2	14.7	14.2	13.7	13.1	12.0	9.3	5.4		
60	**********	15.8	15.4	15.0	14.5	14.1	13.6	13.1	12.6	11.5	8.9	5.1		
65	**********	15.2	14.8	14.4	14.0	13.5	13.1	12.6	12.1	11.0	8.5	4.9		
70	**********	14.7	14.3	13.9	13.5	13.0	12.6	12.1	11.6	10.6	8.2	4.8		
75	**********	14.2	13.8	13.4	13.0	12.6	12.2	11.7	11.3	10.3	8.0	4.6		
80	**********	13.7	13.3	13.0	12.6	12.2	11.8	11.3	10.9	9.9	7.7	4.4		
85	**********	13.3	12.9	12.6	12.2	11.8	11.4	11.0	10.6	9.7	7.5	4.3		
90	**********	12.9	12.6	12.2	11.9	11.5	11.1	10.7	10.3	9.4	7.3	4.2		
95	**********	12.2	11.9	11.5	11.2	10.8	10.4	10.0	9.1	7.1	4.1			
100	**********	11.9	11.6	11.3	10.9	10.5	10.1	9.7	8.9	6.9	4.0			
125	**********	10.7	10.4	10.1	9.7	9.4	9.1	8.7	8.0	6.2	3.6			
150	**********	9.7	9.5	9.2	8.9	8.6	8.3	8.0	7.3	5.6	3.2			
200	**********	8.2	8.0	7.7	7.4	7.2	6.9	6.3	4.9	2.8				
250	**********	7.3	7.1	6.9	6.7	6.4	6.2	5.6	4.4	2.5				
300	**********	6.5	6.3	6.1	5.9	5.6	5.1	4.0	2.3					
350	**********	6.0	5.8	5.6	5.4	5.2	4.8	3.7	2.1					
400	**********	5.4	5.3	5.1	4.9	4.4	3.4	2.0						
450	**********	5.1	5.0	4.8	4.6	4.2	3.2	1.9						
500	**********	4.7	4.5	4.4	4.0	3.1	1.8							
750	**********	3.2	2.5	1.5										
1000	**********	2.2	1.3											
1500	**********	1.0												

NOTE: FOR CORRECT USAGE OF THESE TABLES PLEASE REFER TO MICRODATA DOCUMENTATION

National Private Vehicle Use Survey - 1996
Approximate Sampling Variability Tables for Canada
Applicable to Background Questionnaire Categorical Person-Level Variables
QD, QE, QF, QG, QH, QP, DVLEA, OCC15, ...

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	236.1	235.0	233.8	230.2	224.1	217.8	211.3	204.6	197.6	190.4	183.0	167.0	129.4	74.7
2	166.9	166.2	165.3	162.8	158.5	154.0	149.4	144.6	139.7	134.7	129.4	118.1	91.5	52.8
3	136.3	135.7	135.0	132.9	129.4	125.7	122.0	118.1	114.1	109.9	105.6	96.4	74.7	43.1
4	118.0	117.5	116.9	115.1	112.0	108.9	105.6	102.3	98.8	95.2	91.5	83.5	64.7	37.3
5	105.6	105.1	104.6	103.0	100.2	97.4	94.5	91.5	88.4	85.2	81.8	74.7	57.9	33.4
6	96.4	95.9	95.5	94.0	91.5	88.9	86.2	83.5	80.7	77.7	74.7	68.2	52.8	30.5
7	89.2	88.8	88.4	87.0	84.7	82.3	79.9	77.3	74.7	72.0	69.2	63.1	48.9	28.2
8	83.5	83.1	82.7	81.4	79.2	77.0	74.7	72.3	69.9	67.3	64.7	59.1	45.7	26.4
9	78.7	78.3	77.9	76.7	74.7	72.6	70.4	68.2	65.9	63.5	61.0	55.7	43.1	24.9
10	74.7	74.3	73.9	72.8	70.9	68.9	66.8	64.7	62.5	60.2	57.9	52.8	40.9	23.6
11	71.2	70.9	70.5	69.4	67.6	65.7	63.7	61.7	59.6	57.4	55.2	50.4	39.0	22.5
12	68.2	67.8	67.5	66.5	64.7	62.9	61.0	59.1	57.0	55.0	52.8	48.2	37.3	21.6
13	65.5	65.2	64.9	63.9	62.1	60.4	58.6	56.7	54.8	52.8	50.7	46.3	35.9	20.7
14	63.1	62.8	62.5	61.5	59.9	58.2	56.5	54.7	52.8	50.9	48.9	44.6	34.6	20.0
15	61.0	60.7	60.4	59.4	57.9	56.2	54.5	52.8	51.0	49.2	47.2	43.1	33.4	19.3
16	59.0	58.8	58.5	57.6	56.0	54.4	52.8	51.1	49.4	47.6	45.7	41.8	32.3	18.7
17	57.3	57.0	56.7	55.8	54.3	52.8	51.2	49.6	47.9	46.2	44.4	40.5	31.4	18.1
18	55.6	55.4	55.1	54.3	52.8	51.3	49.8	48.2	46.6	44.9	43.1	39.4	30.5	17.6
19	54.2	53.9	53.6	52.8	51.4	50.0	48.5	46.9	45.3	43.7	42.0	38.3	29.7	17.1
20	52.8	52.6	52.3	51.5	50.1	48.7	47.2	45.7	44.2	42.6	40.9	37.3	28.9	16.7
21	51.5	51.3	51.0	50.2	48.9	47.5	46.1	44.6	43.1	41.6	39.9	36.4	28.2	16.3
22	50.3	50.1	49.9	49.1	47.8	46.4	45.0	43.6	42.1	40.6	39.0	35.6	27.6	15.9
23	49.2	49.0	48.8	48.0	46.7	45.4	44.1	42.7	41.2	39.7	38.2	34.8	27.0	15.6
24	48.2	48.0	47.7	47.0	45.7	44.5	43.1	41.8	40.3	38.9	37.3	34.1	26.4	15.2
25	47.2	47.0	46.8	46.0	44.8	43.6	42.3	40.9	39.5	38.1	36.6	33.4	25.9	14.9
30	********	42.9	42.7	42.0	40.9	39.8	38.6	37.3	36.1	34.8	33.4	30.5	23.6	13.6
35	********	39.7	39.5	38.9	37.9	36.8	35.7	34.6	33.4	32.2	30.9	28.2	21.9	12.6
40	********	37.2	37.0	36.4	35.4	34.4	33.4	32.3	31.2	30.1	28.9	26.4	20.5	11.8
45	********	35.0	34.9	34.3	33.4	32.5	31.5	30.5	29.5	28.4	27.3	24.9	19.3	11.1
50	********	33.2	33.1	32.6	31.7	30.8	29.9	28.9	27.9	26.9	25.9	23.6	18.3	10.6
55	********	31.7	31.5	31.0	30.2	29.4	28.5	27.6	26.6	25.7	24.7	22.5	17.4	10.1
60	********	30.3	30.2	29.7	28.9	28.1	27.3	26.4	25.5	24.6	23.6	21.6	16.7	9.6
65	********	29.2	29.0	28.6	27.8	27.0	26.2	25.4	24.5	23.6	22.7	20.7	16.0	9.3
70	********	28.1	27.9	27.5	26.8	26.0	25.3	24.4	23.6	22.8	21.9	20.0	15.5	8.9
75	********	27.1	27.0	26.6	25.9	25.1	24.4	23.6	22.8	22.0	21.1	19.3	14.9	8.6
80	********	26.3	26.1	25.7	25.1	24.3	23.6	22.9	22.1	21.3	20.5	18.7	14.5	8.4
85	********	25.5	25.4	25.0	24.3	23.6	22.9	22.2	21.4	20.7	19.8	18.1	14.0	8.1
90	********	24.8	24.6	24.3	23.6	23.0	22.3	21.6	20.8	20.1	19.3	17.6	13.6	7.9
95	********	24.1	24.0	23.6	23.0	22.3	21.7	21.0	20.3	19.5	18.8	17.1	13.3	7.7
100	********	23.5	23.4	23.0	22.4	21.8	21.1	20.5	19.8	19.0	18.3	16.7	12.9	7.5
125	********	21.0	20.9	20.6	20.0	19.5	18.9	18.3	17.7	17.0	16.4	14.9	11.6	6.7
150	********	19.2	19.1	18.8	18.3	17.8	17.2	16.7	16.1	15.5	14.9	13.6	10.6	6.1
200	********	16.6	16.5	16.3	15.8	15.4	14.9	14.5	14.0	13.5	12.9	11.8	9.1	5.3
250	********	14.9	14.8	14.6	14.2	13.8	13.4	12.9	12.5	12.0	11.6	10.6	8.2	4.7
300	**********	13.5	13.3	12.9	12.6	12.2	11.8	11.4	11.0	10.6	9.6	7.5	4.3	
350	**********	12.5	12.3	12.0	11.6	11.3	10.9	10.6	10.2	9.8	8.9	6.9	4.0	
400	**********	11.7	11.5	11.2	10.9	10.6	10.2	9.9	9.5	9.1	8.4	6.5	3.7	
450	**********	11.0	10.9	10.6	10.3	10.0	9.6	9.3	9.0	8.6	7.9	6.1	3.5	
500	**********	10.5	10.3	10.0	9.7	9.4	9.1	8.8	8.5	8.2	7.5	5.8	3.3	
750	**********	8.4	8.2	8.0	7.7	7.5	7.2	7.0	6.7	6.1	4.7	2.7		
1000	**********	7.3	7.1	6.9	6.7	6.5	6.2	6.0	5.8	5.3	4.1	2.4		
1500	**********	5.8	5.6	5.5	5.3	5.1	4.9	4.7	4.3	3.3	1.9			
2000	**********	5.0	4.9	4.7	4.6	4.4	4.3	4.1	3.7	2.9	1.7			
3000	**********	4.0	3.9	3.7	3.6	3.5	3.3	3.0	2.4	1.4				
4000	**********	3.4	3.3	3.2	3.1	3.0	2.9	2.6	2.0	1.2				
5000	**********	3.0	2.9	2.8	2.7	2.6	2.4	1.8	1.1					
6000	**********	2.6	2.6	2.5	2.4	2.2	1.7	1.0						
7000	**********	2.4	2.4	2.3	2.2	2.0	1.5	0.9						
8000	**********	2.2	2.1	2.0	1.9	1.4	0.8							
9000	**********	2.0	1.9	1.8	1.4	0.8								
10000	**********	1.9	1.8	1.7	1.3	0.7								
12500	**********	1.5	1.2	0.7										
15000	**********	1.1	0.6											
20000	**********	0.9	0.5											

NOTE: FOR CORRECT USAGE OF THESE TABLES PLEASE REFER TO MICRODATA DOCUMENTATION

National Private Vehicle Use Survey - 1996
Approximate Sampling Variability Tables for Newfoundland
Applicable to Background Questionnaire Categorical Person-Level Variables
QD, QE, QF, QG, QH, QP, DVLEA, OCC15, ...

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	********	78.5	78.1	76.9	74.8	72.7	70.5	68.3	66.0	63.6	61.1	55.8	43.2	24.9
2	********	55.5	55.2	54.4	52.9	51.4	49.9	48.3	46.7	45.0	43.2	39.4	30.5	17.6
3	********	45.3	45.1	44.4	43.2	42.0	40.7	39.4	38.1	36.7	35.3	32.2	24.9	14.4
4	********	39.2	39.0	38.4	37.4	36.4	35.3	34.2	33.0	31.8	30.5	27.9	21.6	12.5
5	********	35.1	34.9	34.4	33.5	32.5	31.6	30.5	29.5	28.4	27.3	24.9	19.3	11.2
6	**********	31.9	31.4	30.5	29.7	28.8	27.9	26.9	26.0	24.9	22.8	17.6	10.2	
7	**********	29.5	29.1	28.3	27.5	26.7	25.8	24.9	24.0	23.1	21.1	16.3	9.4	
8	**********	27.6	27.2	26.5	25.7	24.9	24.2	23.3	22.5	21.6	19.7	15.3	8.8	
9	**********	26.0	25.6	24.9	24.2	23.5	22.8	22.0	21.2	20.4	18.6	14.4	8.3	
10	**********	24.7	24.3	23.7	23.0	22.3	21.6	20.9	20.1	19.3	17.6	13.7	7.9	
11	**********	23.5	23.2	22.6	21.9	21.3	20.6	19.9	19.2	18.4	16.8	13.0	7.5	
12	**********	22.2	21.6	21.0	20.4	19.7	19.1	18.4	17.6	16.1	12.5	7.2		
13	**********	21.3	20.8	20.2	19.6	18.9	18.3	17.6	16.9	15.5	12.0	6.9		
14	**********	20.5	20.0	19.4	18.9	18.3	17.6	17.0	16.3	14.9	11.5	6.7		
15	**********	19.9	19.3	18.8	18.2	17.6	17.0	16.4	15.8	14.4	11.2	6.4		
16	**********	19.2	18.7	18.2	17.6	17.1	16.5	15.9	15.3	13.9	10.8	6.2		
17	**********	18.6	18.1	17.6	17.1	16.6	16.0	15.4	14.8	13.5	10.5	6.0		
18	**********	18.1	17.6	17.1	16.6	16.1	15.6	15.0	14.4	13.1	10.2	5.9		
19	**********	17.6	17.2	16.7	16.2	15.7	15.1	14.6	14.0	12.8	9.9	5.7		
20	**********	17.2	16.7	16.3	15.8	15.3	14.8	14.2	13.7	12.5	9.7	5.6		
21	**********	16.8	16.3	15.9	15.4	14.9	14.4	13.9	13.3	12.2	9.4	5.4		
22	**********	16.4	16.0	15.5	15.0	14.6	14.1	13.6	13.0	11.9	9.2	5.3		
23	**********	16.0	15.6	15.2	14.7	14.2	13.8	13.3	12.7	11.6	9.0	5.2		
24	**********	15.7	15.3	14.8	14.4	13.9	13.5	13.0	12.5	11.4	8.8	5.1		
25	**********	15.4	15.0	14.5	14.1	13.7	13.2	12.7	12.2	11.2	8.6	5.0		
30	**********	13.7	13.3	12.9	12.5	12.0	11.6	11.2	10.2	7.9	4.6			
35	**********	12.6	12.3	11.9	11.5	11.2	10.7	10.3	9.4	7.3	4.2			
40	**********	11.8	11.5	11.2	10.8	10.4	10.1	9.7	8.8	6.8	3.9			
45	**********	11.2	10.8	10.5	10.2	9.8	9.5	9.1	8.3	6.4	3.7			
50	**********	10.6	10.3	10.0	9.7	9.3	9.0	8.6	7.9	6.1	3.5			
55	**********	10.1	9.8	9.5	9.2	8.9	8.6	8.2	7.5	5.8	3.4			
60	**********	9.4	9.1	8.8	8.5	8.2	7.9	7.2	5.6	3.2				
65	**********	9.0	8.8	8.5	8.2	7.9	7.6	6.9	5.4	3.1				
70	**********	8.7	8.4	8.2	7.9	7.6	7.3	6.7	5.2	3.0				
75	**********	8.4	8.1	7.9	7.6	7.3	7.1	6.4	5.0	2.9				
80	**********	8.1	7.9	7.6	7.4	7.1	6.8	6.2	4.8	2.8				
85	**********	7.7	7.4	7.2	6.9	6.6	6.0	4.7	2.7					
90	**********	7.4	7.2	7.0	6.7	6.4	5.9	4.6	2.6					
95	**********	7.2	7.0	6.8	6.5	6.3	5.7	4.4	2.6					
100	**********	7.1	6.8	6.6	6.4	6.1	5.6	4.3	2.5					
125	**********	6.1	5.9	5.7	5.5	5.0	3.9	2.2						
150	**********	5.4	5.2	5.0	4.6	3.5	2.0							
200	**********	4.3	3.9	3.1	1.8									
250	**********	3.5	2.7	1.6										
300	**********	2.5	1.4											
350	**********	2.3	1.3											
400	**********	1.2												
450	**********	1.2												
500	**********	1.1												

NOTE: FOR CORRECT USAGE OF THESE TABLES PLEASE REFER TO MICRODATA DOCUMENTATION

National Private Vehicle Use Survey - 1996
Approximate Sampling Variability Tables for Prince Edward Is.
Applicable to Background Questionnaire Categorical Person-Level Variables
QD, QE, QF, QG, QH, QP, DVLEA, OCC15, ...

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	********	45.5	45.2	44.5	43.4	42.1	40.9	39.6	38.2	36.8	35.4	32.3	25.0	14.5
2	**********	32.0	31.5	30.7	29.8	28.9	28.0	27.0	26.1	25.0	22.8	17.7	10.2	
3	**********	25.7	25.0	24.3	23.6	22.8	22.1	21.3	20.4	18.7	14.5	8.3		
4	**********	22.3	21.7	21.1	20.4	19.8	19.1	18.4	17.7	16.2	12.5	7.2		
5	**********	19.9	19.4	18.8	18.3	17.7	17.1	16.5	15.8	14.5	11.2	6.5		
6	**********	18.2	17.7	17.2	16.7	16.2	15.6	15.0	14.5	13.2	10.2	5.9		
7	**********	16.4	15.9	15.4	15.0	14.5	13.9	13.4	12.2	9.5	5.5			
8	**********	15.3	14.9	14.5	14.0	13.5	13.0	12.5	11.4	8.8	5.1			
9	**********	14.5	14.0	13.6	13.2	12.7	12.3	11.8	10.8	8.3	4.8			
10	**********	13.7	13.3	12.9	12.5	12.1	11.7	11.2	10.2	7.9	4.6			
11	**********	13.1	12.7	12.3	11.9	11.5	11.1	10.7	9.7	7.5	4.4			
12	**********	12.5	12.2	11.8	11.4	11.0	10.6	10.2	9.3	7.2	4.2			
13	**********	12.0	11.7	11.3	11.0	10.6	10.2	9.8	9.0	6.9	4.0			
14	**********	11.3	10.9	10.6	10.2	9.8	9.5	8.6	6.7	3.9				
15	**********	10.9	10.6	10.2	9.9	9.5	9.1	8.3	6.5	3.7				
16	**********	10.5	10.2	9.9	9.6	9.2	8.8	8.1	6.3	3.6				
17	**********	10.2	9.9	9.6	9.3	8.9	8.6	7.8	6.1	3.5				
18	**********	9.9	9.6	9.3	9.0	8.7	8.3	7.6	5.9	3.4				
19	**********	9.7	9.4	9.1	8.8	8.5	8.1	7.4	5.7	3.3				
20	**********	9.4	9.1	8.8	8.5	8.2	7.9	7.2	5.6	3.2				
21	**********	8.9	8.6	8.3	8.0	7.7	7.1	5.5	3.2					
22	**********	8.7	8.4	8.2	7.9	7.5	6.9	5.3	3.1					
23	**********	8.5	8.3	8.0	7.7	7.4	6.7	5.2	3.0					
24	**********	8.3	8.1	7.8	7.5	7.2	6.6	5.1	2.9					
25	**********	8.2	7.9	7.6	7.4	7.1	6.5	5.0	2.9					
30	**********	7.2	7.0	6.7	6.5	5.9	4.6	2.6						
35	**********	6.5	6.2	6.0	5.5	4.2	2.4							
40	**********	6.0	5.8	5.6	5.1	4.0	2.3							
45	**********	5.5	5.3	4.8	3.7	2.2								
50	**********	5.0	4.6	3.5	2.0									
55	**********	4.4	3.4	1.9										
60	**********	4.2	3.2	1.9										
65	**********	4.0	3.1	1.8										
70	**********	3.0	1.7											
75	**********	2.9	1.7											
80	**********	2.8	1.6											
85	**********	2.7	1.6											
90	**********	2.6	1.5											
95	**********	1.5												
100	**********	1.4												

NOTE: FOR CORRECT USAGE OF THESE TABLES PLEASE REFER TO MICRODATA DOCUMENTATION

National Private Vehicle Use Survey - 1996
Approximate Sampling Variability Tables for Nova Scotia
Applicable to Background Questionnaire Categorical Person-Level Variables
QD, QE, QF, QG, QH, QP, DVLEA, OCC15, ...

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	********	114.9	114.3	112.5	109.5	106.4	103.2	100.0	96.6	93.1	89.4	81.6	63.2	36.5
2	********	81.2	80.8	79.6	77.4	75.3	73.0	70.7	68.3	65.8	63.2	57.7	44.7	25.8
3	********	66.3	66.0	65.0	63.2	61.4	59.6	57.7	55.8	53.7	51.6	47.1	36.5	21.1
4	********	57.4	57.1	56.3	54.8	53.2	51.6	50.0	48.3	46.5	44.7	40.8	31.6	18.3
5	********	51.4	51.1	50.3	49.0	47.6	46.2	44.7	43.2	41.6	40.0	36.5	28.3	16.3
6	********	46.9	46.7	45.9	44.7	43.4	42.2	40.8	39.4	38.0	36.5	33.3	25.8	14.9
7	********	43.4	43.2	42.5	41.4	40.2	39.0	37.8	36.5	35.2	33.8	30.9	23.9	13.8
8	********	40.6	40.4	39.8	38.7	37.6	36.5	35.3	34.1	32.9	31.6	28.9	22.4	12.9
9	********	38.3	38.1	37.5	36.5	35.5	34.4	33.3	32.2	31.0	29.8	27.2	21.1	12.2
10	**********	36.1	35.6	34.6	33.7	32.6	31.6	30.5	29.4	28.3	25.8	20.0	11.5	
11	**********	34.5	33.9	33.0	32.1	31.1	30.1	29.1	28.1	27.0	24.6	19.1	11.0	
12	**********	33.0	32.5	31.6	30.7	29.8	28.9	27.9	26.9	25.8	23.6	18.3	10.5	
13	**********	31.7	31.2	30.4	29.5	28.6	27.7	26.8	25.8	24.8	22.6	17.5	10.1	
14	**********	30.5	30.1	29.3	28.4	27.6	26.7	25.8	24.9	23.9	21.8	16.9	9.8	
15	**********	29.5	29.1	28.3	27.5	26.7	25.8	24.9	24.0	23.1	21.1	16.3	9.4	
16	**********	28.6	28.1	27.4	26.6	25.8	25.0	24.1	23.3	22.4	20.4	15.8	9.1	
17	**********	27.7	27.3	26.6	25.8	25.0	24.2	23.4	22.6	21.7	19.8	15.3	8.9	
18	**********	26.9	26.5	25.8	25.1	24.3	23.6	22.8	21.9	21.1	19.2	14.9	8.6	
19	**********	25.8	25.1	24.4	23.7	22.9	22.2	21.4	20.5	18.7	14.5	8.4		
20	**********	25.2	24.5	23.8	23.1	22.4	21.6	20.8	20.0	18.3	14.1	8.2		
21	**********	24.6	23.9	23.2	22.5	21.8	21.1	20.3	19.5	17.8	13.8	8.0		
22	**********	24.0	23.3	22.7	22.0	21.3	20.6	19.8	19.1	17.4	13.5	7.8		
23	**********	23.5	22.8	22.2	21.5	20.8	20.1	19.4	18.6	17.0	13.2	7.6		
24	**********	23.0	22.4	21.7	21.1	20.4	19.7	19.0	18.3	16.7	12.9	7.5		
25	**********	22.5	21.9	21.3	20.6	20.0	19.3	18.6	17.9	16.3	12.6	7.3		
30	**********	20.5	20.0	19.4	18.9	18.3	17.6	17.0	16.3	14.9	11.5	6.7		
35	**********	19.0	18.5	18.0	17.5	16.9	16.3	15.7	15.1	13.8	10.7	6.2		
40	**********	17.8	17.3	16.8	16.3	15.8	15.3	14.7	14.1	12.9	10.0	5.8		
45	**********	16.8	16.3	15.9	15.4	14.9	14.4	13.9	13.3	12.2	9.4	5.4		
50	**********	15.5	15.1	14.6	14.1	13.7	13.2	12.6	11.5	8.9	5.2			
55	**********	14.8	14.4	13.9	13.5	13.0	12.5	12.1	11.0	8.5	4.9			
60	**********	14.1	13.7	13.3	12.9	12.5	12.0	11.5	10.5	8.2	4.7			
65	**********	13.6	13.2	12.8	12.4	12.0	11.5	11.1	10.1	7.8	4.5			
70	**********	13.1	12.7	12.3	11.9	11.5	11.1	10.7	9.8	7.6	4.4			
75	**********	12.6	12.3	11.9	11.5	11.2	10.7	10.3	9.4	7.3	4.2			
80	**********	12.2	11.9	11.5	11.2	10.8	10.4	10.0	9.1	7.1	4.1			
85	**********	11.9	11.5	11.2	10.8	10.5	10.1	9.7	8.9	6.9	4.0			
90	**********	11.5	11.2	10.9	10.5	10.2	9.8	9.4	8.6	6.7	3.8			
95	**********	10.9	10.6	10.3	9.9	9.5	9.2	8.4	6.5	3.7				
100	**********	10.6	10.3	10.0	9.7	9.3	8.9	8.2	6.3	3.7				
125	**********	9.5	9.2	8.9	8.6	8.3	8.0	7.3	5.7	3.3				
150	**********	8.4	8.2	7.9	7.6	7.3	6.7	5.2	3.0					
200	**********	7.1	6.8	6.6	6.3	5.8	4.5	2.6						
250	**********	6.1	5.9	5.7	5.2	4.0	2.3							
300	**********	5.4	5.2	4.7	3.7	2.1								
350	**********	4.8	4.4	3.4	2.0									
400	**********	4.1	3.2	1.8										
450	**********	3.8	3.0	1.7										
500	**********	2.8	1.6											
750	**********	1.3												

NOTE: FOR CORRECT USAGE OF THESE TABLES PLEASE REFER TO MICRODATA DOCUMENTATION

National Private Vehicle Use Survey - 1996
Approximate Sampling Variability Tables for New Brunswick
Applicable to Background Questionnaire Categorical Person-Level Variables
QD, QE, QF, QG, QH, QP, DVLEA, OCC15, ...

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	********	91.5	91.1	89.7	87.3	84.8	82.3	79.7	77.0	74.2	71.3	65.0	50.4	29.1
2	********	64.7	64.4	63.4	61.7	60.0	58.2	56.3	54.4	52.4	50.4	46.0	35.6	20.6
3	********	52.8	52.6	51.8	50.4	49.0	47.5	46.0	44.4	42.8	41.1	37.6	29.1	16.8
4	********	45.8	45.5	44.8	43.6	42.4	41.1	39.8	38.5	37.1	35.6	32.5	25.2	14.5
5	********	40.9	40.7	40.1	39.0	37.9	36.8	35.6	34.4	33.2	31.9	29.1	22.5	13.0
6	********	37.4	37.2	36.6	35.6	34.6	33.6	32.5	31.4	30.3	29.1	26.6	20.6	11.9
7	********	34.6	34.4	33.9	33.0	32.1	31.1	30.1	29.1	28.0	26.9	24.6	19.0	11.0
8	**********	32.2	31.7	30.9	30.0	29.1	28.2	27.2	26.2	25.2	23.0	17.8	10.3	
9	**********	30.4	29.9	29.1	28.3	27.4	26.6	25.7	24.7	23.8	21.7	16.8	9.7	
10	**********	28.8	28.4	27.6	26.8	26.0	25.2	24.3	23.5	22.5	20.6	15.9	9.2	
11	**********	27.5	27.0	26.3	25.6	24.8	24.0	23.2	22.4	21.5	19.6	15.2	8.8	
12	**********	26.3	25.9	25.2	24.5	23.8	23.0	22.2	21.4	20.6	18.8	14.5	8.4	
13	**********	25.3	24.9	24.2	23.5	22.8	22.1	21.3	20.6	19.8	18.0	14.0	8.1	
14	**********	24.3	24.0	23.3	22.7	22.0	21.3	20.6	19.8	19.0	17.4	13.5	7.8	
15	**********	23.1	22.5	21.9	21.2	20.6	19.9	19.1	18.4	16.8	13.0	7.5		
16	**********	22.4	21.8	21.2	20.6	19.9	19.2	18.5	17.8	16.3	12.6	7.3		
17	**********	21.7	21.2	20.6	20.0	19.3	18.7	18.0	17.3	15.8	12.2	7.1		
18	**********	21.1	20.6	20.0	19.4	18.8	18.1	17.5	16.8	15.3	11.9	6.9		
19	**********	20.6	20.0	19.5	18.9	18.3	17.7	17.0	16.3	14.9	11.6	6.7		
20	**********	20.0	19.5	19.0	18.4	17.8	17.2	16.6	15.9	14.5	11.3	6.5		
21	**********	19.6	19.0	18.5	18.0	17.4	16.8	16.2	15.5	14.2	11.0	6.3		
22	**********	19.1	18.6	18.1	17.5	17.0	16.4	15.8	15.2	13.9	10.7	6.2		
23	**********	18.7	18.2	17.7	17.2	16.6	16.0	15.5	14.9	13.6	10.5	6.1		
24	**********	18.3	17.8	17.3	16.8	16.3	15.7	15.1	14.5	13.3	10.3	5.9		
25	**********	17.9	17.5	17.0	16.5	15.9	15.4	14.8	14.3	13.0	10.1	5.8		
30	**********	16.4	15.9	15.5	15.0	14.5	14.1	13.5	13.0	11.9	9.2	5.3		
35	**********	15.2	14.8	14.3	13.9	13.5	13.0	12.5	12.0	11.0	8.5	4.9		
40	**********	13.8	13.4	13.0	12.6	12.2	11.7	11.3	10.3	8.0	4.6			
45	**********	13.0	12.6	12.3	11.9	11.5	11.1	10.6	9.7	7.5	4.3			
50	**********	12.3	12.0	11.6	11.3	10.9	10.5	10.1	9.2	7.1	4.1			
55	**********	11.8	11.4	11.1	10.7	10.4	10.0	9.6	8.8	6.8	3.9			
60	**********	11.3	10.9	10.6	10.3	9.9	9.6	9.2	8.4	6.5	3.8			
65	**********	10.8	10.5	10.2	9.9	9.5	9.2	8.8	8.1	6.2	3.6			
70	**********	10.4	10.1	9.8	9.5	9.2	8.9	8.5	7.8	6.0	3.5			
75	**********	9.8	9.5	9.2	8.9	8.6	8.2	7.5	5.8	3.4				
80	**********	9.5	9.2	8.9	8.6	8.3	8.0	7.3	5.6	3.3				
85	**********	9.2	8.9	8.6	8.3	8.0	7.7	7.1	5.5	3.2				
90	**********	8.9	8.7	8.4	8.1	7.8	7.5	6.9	5.3	3.1				
95	**********	8.7	8.4	8.2	7.9	7.6	7.3	6.7	5.2	3.0				
100	**********	8.5	8.2	8.0	7.7	7.4	7.1	6.5	5.0	2.9				
125	**********	7.4	7.1	6.9	6.6	6.4	5.8	4.5	2.6					
150	**********	6.5	6.3	6.1	5.8	5.3	4.1	2.4						
200	**********	5.4	5.2	5.0	4.6	3.6	2.1							
250	**********	4.7	4.5	4.1	3.2	1.8								
300	**********	3.8	2.9	1.7										
350	**********	3.5	2.7	1.6										
400	**********	2.5	1.5											
450	**********	2.4	1.4											
500	**********	2.3	1.3											

NOTE: FOR CORRECT USAGE OF THESE TABLES PLEASE REFER TO MICRODATA DOCUMENTATION

National Private Vehicle Use Survey - 1996
Approximate Sampling Variability Tables for Québec
Applicable to Background Questionnaire Categorical Person-Level Variables
QD, QE, QF, QG, QH, QP, DVLEA, OCC15, ...

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	219.6	218.6	217.5	214.2	208.4	202.6	196.5	190.3	183.8	177.1	170.2	155.4	120.3	69.5
2	155.3	154.6	153.8	151.4	147.4	143.2	139.0	134.6	130.0	125.3	120.3	109.9	85.1	49.1
3	126.8	126.2	125.6	123.6	120.3	117.0	113.5	109.9	106.1	102.3	98.3	89.7	69.5	40.1
4	109.8	109.3	108.8	107.1	104.2	101.3	98.3	95.1	91.9	88.6	85.1	77.7	60.2	34.7
5	98.2	97.8	97.3	95.8	93.2	90.6	87.9	85.1	82.2	79.2	76.1	69.5	53.8	31.1
6	89.7	89.3	88.8	87.4	85.1	82.7	80.2	77.7	75.0	72.3	69.5	63.4	49.1	28.4
7	83.0	82.6	82.2	80.9	78.8	76.6	74.3	71.9	69.5	67.0	64.3	58.7	45.5	26.3
8	********	77.3	76.9	75.7	73.7	71.6	69.5	67.3	65.0	62.6	60.2	54.9	42.5	24.6
9	********	72.9	72.5	71.4	69.5	67.5	65.5	63.4	61.3	59.0	56.7	51.8	40.1	23.2
10	********	69.1	68.8	67.7	65.9	64.1	62.1	60.2	58.1	56.0	53.8	49.1	38.1	22.0
11	********	65.9	65.6	64.6	62.8	61.1	59.3	57.4	55.4	53.4	51.3	46.8	36.3	20.9
12	********	63.1	62.8	61.8	60.2	58.5	56.7	54.9	53.1	51.1	49.1	44.9	34.7	20.1
13	********	60.6	60.3	59.4	57.8	56.2	54.5	52.8	51.0	49.1	47.2	43.1	33.4	19.3
14	********	58.4	58.1	57.2	55.7	54.1	52.5	50.9	49.1	47.3	45.5	41.5	32.2	18.6
15	********	56.4	56.2	55.3	53.8	52.3	50.7	49.1	47.5	45.7	43.9	40.1	31.1	17.9
16	********	54.7	54.4	53.5	52.1	50.6	49.1	47.6	46.0	44.3	42.5	38.8	30.1	17.4
17	********	53.0	52.8	51.9	50.6	49.1	47.7	46.2	44.6	43.0	41.3	37.7	29.2	16.9
18	********	51.5	51.3	50.5	49.1	47.7	46.3	44.9	43.3	41.8	40.1	36.6	28.4	16.4
19	********	50.2	49.9	49.1	47.8	46.5	45.1	43.7	42.2	40.6	39.0	35.6	27.6	15.9
20	********	48.9	48.6	47.9	46.6	45.3	43.9	42.5	41.1	39.6	38.1	34.7	26.9	15.5
21	********	47.7	47.5	46.7	45.5	44.2	42.9	41.5	40.1	38.7	37.1	33.9	26.3	15.2
22	********	46.6	46.4	45.7	44.4	43.2	41.9	40.6	39.2	37.8	36.3	33.1	25.7	14.8
23	********	45.6	45.4	44.7	43.5	42.2	41.0	39.7	38.3	36.9	35.5	32.4	25.1	14.5
24	********	44.6	44.4	43.7	42.5	41.4	40.1	38.8	37.5	36.2	34.7	31.7	24.6	14.2
25	********	43.7	43.5	42.8	41.7	40.5	39.3	38.1	36.8	35.4	34.0	31.1	24.1	13.9
30	********	39.9	39.7	39.1	38.1	37.0	35.9	34.7	33.6	32.3	31.1	28.4	22.0	12.7
35	********	37.0	36.8	36.2	35.2	34.2	33.2	32.2	31.1	29.9	28.8	26.3	20.3	11.7
40	********	34.6	34.4	33.9	33.0	32.0	31.1	30.1	29.1	28.0	26.9	24.6	19.0	11.0
45	********	32.6	32.4	31.9	31.1	30.2	29.3	28.4	27.4	26.4	25.4	23.2	17.9	10.4
50	********	30.9	30.8	30.3	29.5	28.6	27.8	26.9	26.0	25.1	24.1	22.0	17.0	9.8
55	********	29.5	29.3	28.9	28.1	27.3	26.5	25.7	24.8	23.9	22.9	20.9	16.2	9.4
60	********	28.2	28.1	27.6	26.9	26.2	25.4	24.6	23.7	22.9	22.0	20.1	15.5	9.0
65	********	27.1	27.0	26.6	25.9	25.1	24.4	23.6	22.8	22.0	21.1	19.3	14.9	8.6
70	********	26.1	26.0	25.6	24.9	24.2	23.5	22.7	22.0	21.2	20.3	18.6	14.4	8.3
75	**********	25.1	24.7	24.1	23.4	22.7	22.0	21.2	20.5	19.7	17.9	13.9	8.0	
80	**********	24.3	23.9	23.3	22.6	22.0	21.3	20.6	19.8	19.0	17.4	13.5	7.8	
85	**********	23.6	23.2	22.6	22.0	21.3	20.6	19.9	19.2	18.5	16.9	13.1	7.5	
90	**********	22.9	22.6	22.0	21.4	20.7	20.1	19.4	18.7	17.9	16.4	12.7	7.3	
95	**********	22.3	22.0	21.4	20.8	20.2	19.5	18.9	18.2	17.5	15.9	12.3	7.1	
100	**********	21.8	21.4	20.8	20.3	19.7	19.0	18.4	17.7	17.0	15.5	12.0	6.9	
125	**********	19.5	19.2	18.6	18.1	17.6	17.0	16.4	15.8	15.2	13.9	10.8	6.2	
150	**********	17.5	17.0	16.5	16.0	15.5	15.0	14.5	13.9	12.7	9.8	5.7		
200	**********	15.1	14.7	14.3	13.9	13.5	13.0	12.5	12.0	11.0	8.5	4.9		
250	**********	13.5	13.2	12.8	12.4	12.0	11.6	11.2	10.8	9.8	7.6	4.4		
300	**********	12.4	12.0	11.7	11.3	11.0	10.6	10.2	9.8	9.0	6.9	4.0		
350	**********	11.4	11.1	10.8	10.5	10.2	9.8	9.5	9.1	8.3	6.4	3.7		
400	**********	10.4	10.1	9.8	9.5	9.2	8.9	8.5	7.8	6.0	3.5			
450	**********	9.8	9.5	9.3	9.0	8.7	8.4	8.0	7.3	5.7	3.3			
500	**********	9.3	9.1	8.8	8.5	8.2	7.9	7.6	6.9	5.4	3.1			
750	**********	7.4	7.2	6.9	6.7	6.5	6.2	5.7	4.4	2.5				
1000	**********	6.4	6.2	6.0	5.8	5.6	5.4	4.9	3.8	2.2				
1500	**********	4.9	4.7	4.6	4.4	4.0	3.1	1.8						
2000	**********	4.1	4.0	3.8	3.5	2.7	1.6							
3000	**********	2.8	2.2	1.3										
4000	**********	1.9	1.1											
5000	**********	1.7	1.0											
6000	**********	0.9												

NOTE: FOR CORRECT USAGE OF THESE TABLES PLEASE REFER TO MICRODATA DOCUMENTATION

National Private Vehicle Use Survey - 1996
Approximate Sampling Variability Tables for Ontario
Applicable to Background Questionnaire Categorical Person-Level Variables
QD, QE, QF, QG, QH, QP, DVLEA, OCC15, ...

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	278.2	276.9	275.5	271.3	264.0	256.6	248.9	241.0	232.9	224.4	215.6	196.8	152.4	88.0
2	196.7	195.8	194.8	191.8	186.7	181.4	176.0	170.4	164.7	158.7	152.4	139.2	107.8	62.2
3	160.6	159.9	159.1	156.6	152.4	148.1	143.7	139.2	134.4	129.5	124.5	113.6	88.0	50.8
4	139.1	138.5	137.8	135.6	132.0	128.3	124.5	120.5	116.4	112.2	107.8	98.4	76.2	44.0
5	124.4	123.8	123.2	121.3	118.1	114.8	111.3	107.8	104.1	100.3	96.4	88.0	68.2	39.4
6	113.6	113.1	112.5	110.7	107.8	104.8	101.6	98.4	95.1	91.6	88.0	80.3	62.2	35.9
7	105.1	104.7	104.1	102.5	99.8	97.0	94.1	91.1	88.0	84.8	81.5	74.4	57.6	33.3
8	98.4	97.9	97.4	95.9	93.4	90.7	88.0	85.2	82.3	79.3	76.2	69.6	53.9	31.1
9	92.7	92.3	91.8	90.4	88.0	85.5	83.0	80.3	77.6	74.8	71.9	65.6	50.8	29.3
10	88.0	87.6	87.1	85.8	83.5	81.1	78.7	76.2	73.6	71.0	68.2	62.2	48.2	27.8
11	83.9	83.5	83.1	81.8	79.6	77.4	75.1	72.7	70.2	67.7	65.0	59.3	46.0	26.5
12	********	79.9	79.5	78.3	76.2	74.1	71.9	69.6	67.2	64.8	62.2	56.8	44.0	25.4
13	********	76.8	76.4	75.2	73.2	71.2	69.0	66.8	64.6	62.2	59.8	54.6	42.3	24.4
14	********	74.0	73.6	72.5	70.6	68.6	66.5	64.4	62.2	60.0	57.6	52.6	40.7	23.5
15	********	71.5	71.1	70.0	68.2	66.3	64.3	62.2	60.1	57.9	55.7	50.8	39.4	22.7
16	********	69.2	68.9	67.8	66.0	64.1	62.2	60.3	58.2	56.1	53.9	49.2	38.1	22.0
17	********	67.2	66.8	65.8	64.0	62.2	60.4	58.5	56.5	54.4	52.3	47.7	37.0	21.3
18	********	65.3	64.9	63.9	62.2	60.5	58.7	56.8	54.9	52.9	50.8	46.4	35.9	20.7
19	********	63.5	63.2	62.2	60.6	58.9	57.1	55.3	53.4	51.5	49.5	45.1	35.0	20.2
20	********	61.9	61.6	60.7	59.0	57.4	55.7	53.9	52.1	50.2	48.2	44.0	34.1	19.7
21	********	60.4	60.1	59.2	57.6	56.0	54.3	52.6	50.8	49.0	47.0	42.9	33.3	19.2
22	********	59.0	58.7	57.8	56.3	54.7	53.1	51.4	49.6	47.8	46.0	42.0	32.5	18.8
23	********	57.7	57.4	56.6	55.1	53.5	51.9	50.3	48.6	46.8	45.0	41.0	31.8	18.4
24	********	56.5	56.2	55.4	53.9	52.4	50.8	49.2	47.5	45.8	44.0	40.2	31.1	18.0
25	********	55.4	55.1	54.3	52.8	51.3	49.8	48.2	46.6	44.9	43.1	39.4	30.5	17.6
30	********	50.6	50.3	49.5	48.2	46.8	45.4	44.0	42.5	41.0	39.4	35.9	27.8	16.1
35	********	46.8	46.6	45.9	44.6	43.4	42.1	40.7	39.4	37.9	36.4	33.3	25.8	14.9
40	********	43.8	43.6	42.9	41.7	40.6	39.4	38.1	36.8	35.5	34.1	31.1	24.1	13.9
45	********	41.3	41.1	40.4	39.4	38.3	37.1	35.9	34.7	33.4	32.1	29.3	22.7	13.1
50	********	39.2	39.0	38.4	37.3	36.3	35.2	34.1	32.9	31.7	30.5	27.8	21.6	12.4
55	********	37.3	37.2	36.6	35.6	34.6	33.6	32.5	31.4	30.3	29.1	26.5	20.6	11.9
60	********	35.8	35.6	35.0	34.1	33.1	32.1	31.1	30.1	29.0	27.8	25.4	19.7	11.4
65	********	34.3	34.2	33.6	32.7	31.8	30.9	29.9	28.9	27.8	26.7	24.4	18.9	10.9
70	********	33.1	32.9	32.4	31.6	30.7	29.8	28.8	27.8	26.8	25.8	23.5	18.2	10.5
75	********	32.0	31.8	31.3	30.5	29.6	28.7	27.8	26.9	25.9	24.9	22.7	17.6	10.2
80	********	31.0	30.8	30.3	29.5	28.7	27.8	26.9	26.0	25.1	24.1	22.0	17.0	9.8
85	********	30.0	29.9	29.4	28.6	27.8	27.0	26.1	25.3	24.3	23.4	21.3	16.5	9.5
90	********	29.2	29.0	28.6	27.8	27.0	26.2	25.4	24.5	23.7	22.7	20.7	16.1	9.3
95	********	28.4	28.3	27.8	27.1	26.3	25.5	24.7	23.9	23.0	22.1	20.2	15.6	9.0
100	********	27.7	27.6	27.1	26.4	25.7	24.9	24.1	23.3	22.4	21.6	19.7	15.2	8.8
125	**********	24.6	24.3	23.6	23.0	22.3	21.6	20.8	20.1	19.3	17.6	13.6	7.9	
150	**********	22.5	22.1	21.6	21.0	20.3	19.7	19.0	18.3	17.6	16.1	12.4	7.2	
200	**********	19.5	19.2	18.7	18.1	17.6	17.0	16.5	15.9	15.2	13.9	10.8	6.2	
250	**********	17.2	16.7	16.2	15.7	15.2	14.7	14.2	13.6	12.4	9.6	5.6		
300	**********	15.7	15.2	14.8	14.4	13.9	13.4	13.0	12.4	11.4	8.8	5.1		
350	**********	14.5	14.1	13.7	13.3	12.9	12.4	12.0	11.5	10.5	8.1	4.7		
400	**********	13.6	13.2	12.8	12.4	12.1	11.6	11.2	10.8	9.8	7.6	4.4		
450	**********	12.8	12.4	12.1	11.7	11.4	11.0	10.6	10.2	9.3	7.2	4.1		
500	**********	12.1	11.8	11.5	11.1	10.8	10.4	10.0	9.6	8.8	6.8	3.9		
750	**********	9.6	9.4	9.1	8.8	8.5	8.2	7.9	7.2	5.6	3.2			
1000	**********	8.3	8.1	7.9	7.6	7.4	7.1	6.8	6.2	4.8	2.8			
1500	**********	6.6	6.4	6.2	6.0	5.8	5.6	5.1	3.9	2.3				
2000	**********	5.6	5.4	5.2	5.0	4.8	4.4	3.4	2.0					
3000	**********	4.3	4.1	3.9	3.6	2.8	1.6							
4000	**********	3.4	3.1	2.4	1.4									
5000	**********	2.8	2.2	1.2										
6000	**********	2.0	1.1											
7000	**********	1.8	1.1											
8000	**********	1.0												
9000	**********	0.9												

NOTE: FOR CORRECT USAGE OF THESE TABLES PLEASE REFER TO MICRODATA DOCUMENTATION

National Private Vehicle Use Survey - 1996
Approximate Sampling Variability Tables for Manitoba
Applicable to Background Questionnaire Categorical Person-Level Variables
QD, QE, QF, QG, QH, QP, DVLEA, OCC15, ...

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	108.8	108.3	107.8	106.1	103.3	100.4	97.4	94.3	91.1	87.8	84.3	77.0	59.6	34.4
2	********	76.6	76.2	75.0	73.0	71.0	68.9	66.7	64.4	62.1	59.6	54.4	42.2	24.3
3	********	62.5	62.2	61.3	59.6	58.0	56.2	54.4	52.6	50.7	48.7	44.5	34.4	19.9
4	********	54.2	53.9	53.1	51.6	50.2	48.7	47.1	45.5	43.9	42.2	38.5	29.8	17.2
5	********	48.4	48.2	47.5	46.2	44.9	43.6	42.2	40.7	39.3	37.7	34.4	26.7	15.4
6	********	44.2	44.0	43.3	42.2	41.0	39.8	38.5	37.2	35.8	34.4	31.4	24.3	14.1
7	********	40.9	40.7	40.1	39.0	37.9	36.8	35.6	34.4	33.2	31.9	29.1	22.5	13.0
8	********	38.3	38.1	37.5	36.5	35.5	34.4	33.3	32.2	31.0	29.8	27.2	21.1	12.2
9	********	36.1	35.9	35.4	34.4	33.5	32.5	31.4	30.4	29.3	28.1	25.7	19.9	11.5
10	********	34.3	34.1	33.6	32.7	31.7	30.8	29.8	28.8	27.8	26.7	24.3	18.9	10.9
11	**********	32.5	32.0	31.1	30.3	29.4	28.4	27.5	26.5	25.4	23.2	18.0	10.4	
12	**********	31.1	30.6	29.8	29.0	28.1	27.2	26.3	25.3	24.3	22.2	17.2	9.9	
13	**********	29.9	29.4	28.6	27.8	27.0	26.2	25.3	24.3	23.4	21.4	16.5	9.5	
14	**********	28.8	28.4	27.6	26.8	26.0	25.2	24.3	23.5	22.5	20.6	15.9	9.2	
15	**********	27.8	27.4	26.7	25.9	25.1	24.3	23.5	22.7	21.8	19.9	15.4	8.9	
16	**********	26.9	26.5	25.8	25.1	24.3	23.6	22.8	21.9	21.1	19.2	14.9	8.6	
17	**********	26.1	25.7	25.1	24.3	23.6	22.9	22.1	21.3	20.5	18.7	14.5	8.4	
18	**********	25.4	25.0	24.3	23.7	23.0	22.2	21.5	20.7	19.9	18.1	14.1	8.1	
19	**********	24.7	24.3	23.7	23.0	22.3	21.6	20.9	20.1	19.3	17.7	13.7	7.9	
20	**********	24.1	23.7	23.1	22.4	21.8	21.1	20.4	19.6	18.9	17.2	13.3	7.7	
21	**********	23.5	23.2	22.5	21.9	21.3	20.6	19.9	19.2	18.4	16.8	13.0	7.5	
22	**********	22.6	22.0	21.4	20.8	20.1	19.4	18.7	18.0	16.4	12.7	7.3		
23	**********	22.1	21.5	20.9	20.3	19.7	19.0	18.3	17.6	16.1	12.4	7.2		
24	**********	21.7	21.1	20.5	19.9	19.2	18.6	17.9	17.2	15.7	12.2	7.0		
25	**********	21.2	20.7	20.1	19.5	18.9	18.2	17.6	16.9	15.4	11.9	6.9		
30	**********	19.4	18.9	18.3	17.8	17.2	16.6	16.0	15.4	14.1	10.9	6.3		
35	**********	17.9	17.5	17.0	16.5	15.9	15.4	14.8	14.3	13.0	10.1	5.8		
40	**********	16.8	16.3	15.9	15.4	14.9	14.4	13.9	13.3	12.2	9.4	5.4		
45	**********	15.8	15.4	15.0	14.5	14.1	13.6	13.1	12.6	11.5	8.9	5.1		
50	**********	15.0	14.6	14.2	13.8	13.3	12.9	12.4	11.9	10.9	8.4	4.9		
55	**********	13.9	13.5	13.1	12.7	12.3	11.8	11.4	10.4	8.0	4.6			
60	**********	13.3	13.0	12.6	12.2	11.8	11.3	10.9	9.9	7.7	4.4			
65	**********	12.8	12.5	12.1	11.7	11.3	10.9	10.5	9.5	7.4	4.3			
70	**********	12.3	12.0	11.6	11.3	10.9	10.5	10.1	9.2	7.1	4.1			
75	**********	11.9	11.6	11.2	10.9	10.5	10.1	9.7	8.9	6.9	4.0			
80	**********	11.5	11.2	10.9	10.5	10.2	9.8	9.4	8.6	6.7	3.8			
85	**********	11.2	10.9	10.6	10.2	9.9	9.5	9.1	8.4	6.5	3.7			
90	**********	10.9	10.6	10.3	9.9	9.6	9.3	8.9	8.1	6.3	3.6			
95	**********	10.6	10.3	10.0	9.7	9.3	9.0	8.7	7.9	6.1	3.5			
100	**********	10.3	10.0	9.7	9.4	9.1	8.8	8.4	7.7	6.0	3.4			
125	**********	9.0	8.7	8.4	8.1	7.9	7.5	6.9	5.3	3.1				
150	**********	8.2	8.0	7.7	7.4	7.2	6.9	6.3	4.9	2.8				
200	**********	6.9	6.7	6.4	6.2	6.0	5.4	4.2	2.4					
250	**********	6.0	5.8	5.6	5.3	4.9	3.8	2.2						
300	**********	5.3	5.1	4.9	4.4	3.4	2.0							
350	**********	4.7	4.5	4.1	3.2	1.8								
400	**********	4.2	3.8	3.0	1.7									
450	**********	3.6	2.8	1.6										
500	**********	3.4	2.7	1.5										
750	**********	2.2	1.3											

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National Private Vehicle Use Survey - 1996
Approximate Sampling Variability Tables for Saskatchewan
Applicable to Background Questionnaire Categorical Person-Level Variables
QD, QE, QF, QG, QH, QP, DVLEA, OCC15, ...

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	********	101.6	101.1	99.5	96.9	94.2	91.3	88.4	85.4	82.3	79.1	72.2	55.9	32.3
2	********	71.9	71.5	70.4	68.5	66.6	64.6	62.5	60.4	58.2	55.9	51.1	39.6	22.8
3	********	58.7	58.4	57.5	55.9	54.4	52.7	51.1	49.3	47.5	45.7	41.7	32.3	18.6
4	********	50.8	50.6	49.8	48.4	47.1	45.7	44.2	42.7	41.2	39.6	36.1	28.0	16.1
5	********	45.4	45.2	44.5	43.3	42.1	40.9	39.6	38.2	36.8	35.4	32.3	25.0	14.4
6	********	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
7	********	38.4	38.2	37.6	36.6	35.6	34.5	33.4	32.3	31.1	29.9	27.3	21.1	12.2
8	********	35.9	35.7	35.2	34.3	33.3	32.3	31.3	30.2	29.1	28.0	25.5	19.8	11.4
9	********	33.9	33.7	33.2	32.3	31.4	30.4	29.5	28.5	27.4	26.4	24.1	18.6	10.8
10	**********	32.0	31.5	30.6	29.8	28.9	28.0	27.0	26.0	25.0	22.8	17.7	10.2	
11	**********	30.5	30.0	29.2	28.4	27.5	26.7	25.8	24.8	23.9	21.8	16.9	9.7	
12	**********	29.2	28.7	28.0	27.2	26.4	25.5	24.7	23.8	22.8	20.8	16.1	9.3	
13	**********	28.0	27.6	26.9	26.1	25.3	24.5	23.7	22.8	21.9	20.0	15.5	9.0	
14	**********	27.0	26.6	25.9	25.2	24.4	23.6	22.8	22.0	21.1	19.3	15.0	8.6	
15	**********	26.1	25.7	25.0	24.3	23.6	22.8	22.1	21.3	20.4	18.6	14.4	8.3	
16	**********	25.3	24.9	24.2	23.5	22.8	22.1	21.4	20.6	19.8	18.1	14.0	8.1	
17	**********	24.5	24.1	23.5	22.8	22.2	21.5	20.7	20.0	19.2	17.5	13.6	7.8	
18	**********	23.8	23.5	22.8	22.2	21.5	20.8	20.1	19.4	18.6	17.0	13.2	7.6	
19	**********	23.2	22.8	22.2	21.6	21.0	20.3	19.6	18.9	18.1	16.6	12.8	7.4	
20	**********	22.3	21.7	21.1	20.4	19.8	19.1	18.4	17.7	16.1	12.5	7.2		
21	**********	21.7	21.1	20.5	19.9	19.3	18.6	18.0	17.3	15.8	12.2	7.0		
22	**********	21.2	20.7	20.1	19.5	18.9	18.2	17.6	16.9	15.4	11.9	6.9		
23	**********	20.8	20.2	19.6	19.0	18.4	17.8	17.2	16.5	15.1	11.7	6.7		
24	**********	20.3	19.8	19.2	18.6	18.1	17.4	16.8	16.1	14.7	11.4	6.6		
25	**********	19.9	19.4	18.8	18.3	17.7	17.1	16.5	15.8	14.4	11.2	6.5		
30	**********	18.2	17.7	17.2	16.7	16.1	15.6	15.0	14.4	13.2	10.2	5.9		
35	**********	16.8	16.4	15.9	15.4	15.0	14.4	13.9	13.4	12.2	9.5	5.5		
40	**********	15.7	15.3	14.9	14.4	14.0	13.5	13.0	12.5	11.4	8.8	5.1		
45	**********	14.8	14.4	14.0	13.6	13.2	12.7	12.3	11.8	10.8	8.3	4.8		
50	**********	13.7	13.3	12.9	12.5	12.1	11.6	11.2	10.2	7.9	4.6			
55	**********	13.1	12.7	12.3	11.9	11.5	11.1	10.7	9.7	7.5	4.4			
60	**********	12.5	12.2	11.8	11.4	11.0	10.6	10.2	9.3	7.2	4.2			
65	**********	12.0	11.7	11.3	11.0	10.6	10.2	9.8	9.0	6.9	4.0			
70	**********	11.6	11.3	10.9	10.6	10.2	9.8	9.5	8.6	6.7	3.9			
75	**********	11.2	10.9	10.5	10.2	9.9	9.5	9.1	8.3	6.5	3.7			
80	**********	10.8	10.5	10.2	9.9	9.6	9.2	8.8	8.1	6.3	3.6			
85	**********	10.5	10.2	9.9	9.6	9.3	8.9	8.6	7.8	6.1	3.5			
90	**********	10.2	9.9	9.6	9.3	9.0	8.7	8.3	7.6	5.9	3.4			
95	**********	9.9	9.7	9.4	9.1	8.8	8.4	8.1	7.4	5.7	3.3			
100	**********	9.4	9.1	8.8	8.5	8.2	7.9	7.2	5.6	3.2				
125	**********	8.4	8.2	7.9	7.6	7.4	7.1	6.5	5.0	2.9				
150	**********	7.5	7.2	7.0	6.7	6.5	5.9	4.6	2.6					
200	**********	6.3	6.0	5.8	5.6	5.1	4.0	2.3						
250	**********	5.4	5.2	5.0	4.6	3.5	2.0							
300	**********	4.8	4.6	4.2	3.2	1.9								
350	**********	4.2	3.9	3.0	1.7									
400	**********	3.6	2.8	1.6										
450	**********	3.4	2.6	1.5										
500	**********	2.5	1.4											
750	**********	1.2												

NOTE: FOR CORRECT USAGE OF THESE TABLES PLEASE REFER TO MICRODATA DOCUMENTATION

National Private Vehicle Use Survey - 1996
Approximate Sampling Variability Tables for Alberta
Applicable to Background Questionnaire Categorical Person-Level Variables
QD, QE, QF, QG, QH, QP, DVLEA, OCC15, ...

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	160.5	159.8	159.0	156.5	152.4	148.1	143.6	139.1	134.4	129.5	124.4	113.6	88.0	50.8
2	113.5	113.0	112.4	110.7	107.7	104.7	101.6	98.3	95.0	91.6	88.0	80.3	62.2	35.9
3	********	92.3	91.8	90.4	88.0	85.5	82.9	80.3	77.6	74.8	71.8	65.6	50.8	29.3
4	********	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
5	********	71.5	71.1	70.0	68.1	66.2	64.2	62.2	60.1	57.9	55.6	50.8	39.3	22.7
6	********	65.2	64.9	63.9	62.2	60.4	58.6	56.8	54.9	52.9	50.8	46.4	35.9	20.7
7	********	60.4	60.1	59.2	57.6	56.0	54.3	52.6	50.8	48.9	47.0	42.9	33.2	19.2
8	********	56.5	56.2	55.3	53.9	52.3	50.8	49.2	47.5	45.8	44.0	40.2	31.1	18.0
9	********	53.3	53.0	52.2	50.8	49.4	47.9	46.4	44.8	43.2	41.5	37.9	29.3	16.9
10	********	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
11	********	48.2	47.9	47.2	45.9	44.6	43.3	41.9	40.5	39.0	37.5	34.2	26.5	15.3
12	********	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
13	********	44.3	44.1	43.4	42.3	41.1	39.8	38.6	37.3	35.9	34.5	31.5	24.4	14.1
14	********	42.7	42.5	41.8	40.7	39.6	38.4	37.2	35.9	34.6	33.2	30.4	23.5	13.6
15	********	41.3	41.1	40.4	39.3	38.2	37.1	35.9	34.7	33.4	32.1	29.3	22.7	13.1
16	********	39.9	39.7	39.1	38.1	37.0	35.9	34.8	33.6	32.4	31.1	28.4	22.0	12.7
17	********	38.8	38.6	38.0	37.0	35.9	34.8	33.7	32.6	31.4	30.2	27.5	21.3	12.3
18	********	37.7	37.5	36.9	35.9	34.9	33.9	32.8	31.7	30.5	29.3	26.8	20.7	12.0
19	********	36.7	36.5	35.9	35.0	34.0	33.0	31.9	30.8	29.7	28.5	26.1	20.2	11.7
20	********	35.7	35.6	35.0	34.1	33.1	32.1	31.1	30.0	29.0	27.8	25.4	19.7	11.4
21	********	34.9	34.7	34.2	33.2	32.3	31.3	30.4	29.3	28.3	27.1	24.8	19.2	11.1
22	********	34.1	33.9	33.4	32.5	31.6	30.6	29.7	28.6	27.6	26.5	24.2	18.8	10.8
23	********	33.3	33.2	32.6	31.8	30.9	30.0	29.0	28.0	27.0	25.9	23.7	18.3	10.6
24	********	32.6	32.5	32.0	31.1	30.2	29.3	28.4	27.4	26.4	25.4	23.2	18.0	10.4
25	********	32.0	31.8	31.3	30.5	29.6	28.7	27.8	26.9	25.9	24.9	22.7	17.6	10.2
30	**********	29.0	28.6	27.8	27.0	26.2	25.4	24.5	23.6	22.7	20.7	16.1	9.3	
35	**********	26.9	26.5	25.8	25.0	24.3	23.5	22.7	21.9	21.0	19.2	14.9	8.6	
40	**********	25.1	24.8	24.1	23.4	22.7	22.0	21.2	20.5	19.7	18.0	13.9	8.0	
45	**********	23.7	23.3	22.7	22.1	21.4	20.7	20.0	19.3	18.5	16.9	13.1	7.6	
50	**********	22.5	22.1	21.5	20.9	20.3	19.7	19.0	18.3	17.6	16.1	12.4	7.2	
55	**********	21.1	20.5	20.0	19.4	18.8	18.1	17.5	16.8	15.3	11.9	6.8		
60	**********	20.2	19.7	19.1	18.5	18.0	17.3	16.7	16.1	14.7	11.4	6.6		
65	**********	19.4	18.9	18.4	17.8	17.3	16.7	16.1	15.4	14.1	10.9	6.3		
70	**********	18.7	18.2	17.7	17.2	16.6	16.1	15.5	14.9	13.6	10.5	6.1		
75	**********	18.1	17.6	17.1	16.6	16.1	15.5	15.0	14.4	13.1	10.2	5.9		
80	**********	17.5	17.0	16.6	16.1	15.6	15.0	14.5	13.9	12.7	9.8	5.7		
85	**********	17.0	16.5	16.1	15.6	15.1	14.6	14.0	13.5	12.3	9.5	5.5		
90	**********	16.5	16.1	15.6	15.1	14.7	14.2	13.6	13.1	12.0	9.3	5.4		
95	**********	16.1	15.6	15.2	14.7	14.3	13.8	13.3	12.8	11.7	9.0	5.2		
100	**********	15.7	15.2	14.8	14.4	13.9	13.4	12.9	12.4	11.4	8.8	5.1		
125	**********	14.0	13.6	13.2	12.8	12.4	12.0	11.6	11.1	10.2	7.9	4.5		
150	**********	12.4	12.1	11.7	11.4	11.0	10.6	10.2	9.3	7.2	4.1			
200	**********	10.8	10.5	10.2	9.8	9.5	9.2	8.8	8.0	6.2	3.6			
250	**********	9.6	9.4	9.1	8.8	8.5	8.2	7.9	7.2	5.6	3.2			
300	**********	8.5	8.3	8.0	7.8	7.5	7.2	6.6	5.1	2.9				
350	**********	7.9	7.7	7.4	7.2	6.9	6.6	6.1	4.7	2.7				
400	**********	7.4	7.2	7.0	6.7	6.5	6.2	5.7	4.4	2.5				
450	**********	6.8	6.6	6.3	6.1	5.9	5.4	4.1	2.4					
500	**********	6.4	6.2	6.0	5.8	5.6	5.1	3.9	2.3					
750	**********	4.9	4.7	4.5	4.1	3.2	1.9							
1000	**********	3.9	3.6	2.8	1.6									
1500	**********	2.3	1.3											
2000	**********	1.1												

NOTE: FOR CORRECT USAGE OF THESE TABLES PLEASE REFER TO MICRODATA DOCUMENTATION

National Private Vehicle Use Survey - 1996
Approximate Sampling Variability Tables for British Columbia
Applicable to Background Questionnaire Categorical Person-Level Variables
QD, QE, QF, QG, QH, QP, DVLEA, OCC15, ...

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	211.4	210.5	209.4	206.2	200.7	195.0	189.2	183.2	177.0	170.5	163.9	149.6	115.9	66.9
2	149.5	148.8	148.1	145.8	141.9	137.9	133.8	129.5	125.1	120.6	115.9	105.8	81.9	47.3
3	122.1	121.5	120.9	119.0	115.9	112.6	109.2	105.8	102.2	98.5	94.6	86.4	66.9	38.6
4	********	105.2	104.7	103.1	100.3	97.5	94.6	91.6	88.5	85.3	81.9	74.8	57.9	33.4
5	********	94.1	93.6	92.2	89.7	87.2	84.6	81.9	79.1	76.3	73.3	66.9	51.8	29.9
6	********	85.9	85.5	84.2	81.9	79.6	77.2	74.8	72.3	69.6	66.9	61.1	47.3	27.3
7	********	79.6	79.1	77.9	75.8	73.7	71.5	69.2	66.9	64.5	61.9	56.5	43.8	25.3
8	********	74.4	74.0	72.9	70.9	69.0	66.9	64.8	62.6	60.3	57.9	52.9	41.0	23.6
9	********	70.2	69.8	68.7	66.9	65.0	63.1	61.1	59.0	56.8	54.6	49.9	38.6	22.3
10	********	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
11	********	63.5	63.1	62.2	60.5	58.8	57.0	55.2	53.4	51.4	49.4	45.1	34.9	20.2
12	********	60.8	60.4	59.5	57.9	56.3	54.6	52.9	51.1	49.2	47.3	43.2	33.4	19.3
13	********	58.4	58.1	57.2	55.7	54.1	52.5	50.8	49.1	47.3	45.4	41.5	32.1	18.6
14	********	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
15	********	54.3	54.1	53.2	51.8	50.4	48.9	47.3	45.7	44.0	42.3	38.6	29.9	17.3
16	********	52.6	52.4	51.5	50.2	48.8	47.3	45.8	44.2	42.6	41.0	37.4	29.0	16.7
17	********	51.0	50.8	50.0	48.7	47.3	45.9	44.4	42.9	41.4	39.7	36.3	28.1	16.2
18	********	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
19	********	48.3	48.0	47.3	46.0	44.7	43.4	42.0	40.6	39.1	37.6	34.3	26.6	15.3
20	********	47.1	46.8	46.1	44.9	43.6	42.3	41.0	39.6	38.1	36.6	33.4	25.9	15.0
21	********	45.9	45.7	45.0	43.8	42.6	41.3	40.0	38.6	37.2	35.8	32.6	25.3	14.6
22	********	44.9	44.6	44.0	42.8	41.6	40.3	39.1	37.7	36.4	34.9	31.9	24.7	14.3
23	********	43.9	43.7	43.0	41.8	40.7	39.5	38.2	36.9	35.6	34.2	31.2	24.2	13.9
24	********	43.0	42.7	42.1	41.0	39.8	38.6	37.4	36.1	34.8	33.4	30.5	23.6	13.7
25	********	42.1	41.9	41.2	40.1	39.0	37.8	36.6	35.4	34.1	32.8	29.9	23.2	13.4
30	********	38.4	38.2	37.6	36.6	35.6	34.5	33.4	32.3	31.1	29.9	27.3	21.2	12.2
35	********	35.6	35.4	34.8	33.9	33.0	32.0	31.0	29.9	28.8	27.7	25.3	19.6	11.3
40	**********		33.1	32.6	31.7	30.8	29.9	29.0	28.0	27.0	25.9	23.6	18.3	10.6
45	**********		31.2	30.7	29.9	29.1	28.2	27.3	26.4	25.4	24.4	22.3	17.3	10.0
50	**********		29.6	29.2	28.4	27.6	26.8	25.9	25.0	24.1	23.2	21.2	16.4	9.5
55	**********		28.2	27.8	27.1	26.3	25.5	24.7	23.9	23.0	22.1	20.2	15.6	9.0
60	**********		27.0	26.6	25.9	25.2	24.4	23.6	22.8	22.0	21.2	19.3	15.0	8.6
65	**********		26.0	25.6	24.9	24.2	23.5	22.7	22.0	21.2	20.3	18.6	14.4	8.3
70	**********		25.0	24.6	24.0	23.3	22.6	21.9	21.2	20.4	19.6	17.9	13.8	8.0
75	**********		24.2	23.8	23.2	22.5	21.8	21.2	20.4	19.7	18.9	17.3	13.4	7.7
80	**********		23.1	22.4	21.8	21.2	20.5	19.8	19.1	18.3	16.7	13.0	7.5	
85	**********		22.4	21.8	21.2	20.5	19.9	19.2	18.5	17.8	16.2	12.6	7.3	
90	**********		21.7	21.2	20.6	19.9	19.3	18.7	18.0	17.3	15.8	12.2	7.1	
95	**********		21.2	20.6	20.0	19.4	18.8	18.2	17.5	16.8	15.3	11.9	6.9	
100	**********		20.6	20.1	19.5	18.9	18.3	17.7	17.1	16.4	15.0	11.6	6.7	
125	**********		18.4	17.9	17.4	16.9	16.4	15.8	15.3	14.7	13.4	10.4	6.0	
150	**********		16.8	16.4	15.9	15.4	15.0	14.5	13.9	13.4	12.2	9.5	5.5	
200	**********		14.2	13.8	13.4	13.0	12.5	12.1	11.6	10.6	8.2	4.7		
250	**********		12.7	12.3	12.0	11.6	11.2	10.8	10.4	9.5	7.3	4.2		
300	**********		11.6	11.3	10.9	10.6	10.2	9.8	9.5	8.6	6.7	3.9		
350	**********		10.7	10.4	10.1	9.8	9.5	9.1	8.8	8.0	6.2	3.6		
400	**********		9.8	9.5	9.2	8.8	8.5	8.2	7.5	5.8	3.3			
450	**********		9.2	8.9	8.6	8.3	8.0	7.7	7.1	5.5	3.2			
500	**********		8.7	8.5	8.2	7.9	7.6	7.3	6.7	5.2	3.0			
750	**********		6.9	6.7	6.5	6.2	6.0	5.5	4.2	2.4				
1000	**********		5.6	5.4	5.2	4.7	3.7	2.1						
1500	**********		4.2	3.9	3.0	1.7								
2000	**********		2.6	1.5										
3000	**********		1.2											

NOTE: FOR CORRECT USAGE OF THESE TABLES PLEASE REFER TO MICRODATA DOCUMENTATION

National Private Vehicle Use Survey - 1996
Approximate Sampling Variability Tables for Atlantic
Applicable to Background Questionnaire Categorical Person-Level Variables
QD, QE, QF, QG, QH, QP, DVLEA, OCC15, ...

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	101.8	101.3	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	72.0	71.6	71.3	70.2	68.3	66.4	64.4	62.4	60.2	58.1	55.8	50.9	39.4	22.8
3	********	58.5	58.2	57.3	55.8	54.2	52.6	50.9	49.2	47.4	45.5	41.6	32.2	18.6
4	********	50.7	50.4	49.6	48.3	46.9	45.5	44.1	42.6	41.0	39.4	36.0	27.9	16.1
5	********	45.3	45.1	44.4	43.2	42.0	40.7	39.4	38.1	36.7	35.3	32.2	24.9	14.4
6	********	41.4	41.2	40.5	39.4	38.3	37.2	36.0	34.8	33.5	32.2	29.4	22.8	13.1
7	********	38.3	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	********	35.8	35.6	35.1	34.2	33.2	32.2	31.2	30.1	29.0	27.9	25.5	19.7	11.4
9	********	33.8	33.6	33.1	32.2	31.3	30.4	29.4	28.4	27.4	26.3	24.0	18.6	10.7
10	********	32.0	31.9	31.4	30.5	29.7	28.8	27.9	26.9	26.0	24.9	22.8	17.6	10.2
11	********	30.5	30.4	29.9	29.1	28.3	27.5	26.6	25.7	24.8	23.8	21.7	16.8	9.7
12	********	29.2	29.1	28.7	27.9	27.1	26.3	25.5	24.6	23.7	22.8	20.8	16.1	9.3
13	********	28.1	28.0	27.5	26.8	26.0	25.3	24.5	23.6	22.8	21.9	20.0	15.5	8.9
14	********	27.1	26.9	26.5	25.8	25.1	24.3	23.6	22.8	21.9	21.1	19.2	14.9	8.6
15	********	26.2	26.0	25.6	24.9	24.2	23.5	22.8	22.0	21.2	20.4	18.6	14.4	8.3
16	********	25.3	25.2	24.8	24.2	23.5	22.8	22.0	21.3	20.5	19.7	18.0	13.9	8.1
17	********	24.6	24.4	24.1	23.4	22.8	22.1	21.4	20.7	19.9	19.1	17.5	13.5	7.8
18	********	23.9	23.8	23.4	22.8	22.1	21.5	20.8	20.1	19.4	18.6	17.0	13.1	7.6
19	********	23.2	23.1	22.8	22.2	21.5	20.9	20.2	19.5	18.8	18.1	16.5	12.8	7.4
20	********	22.7	22.5	22.2	21.6	21.0	20.4	19.7	19.1	18.4	17.6	16.1	12.5	7.2
21	********	22.1	22.0	21.7	21.1	20.5	19.9	19.2	18.6	17.9	17.2	15.7	12.2	7.0
22	********	21.6	21.5	21.2	20.6	20.0	19.4	18.8	18.2	17.5	16.8	15.4	11.9	6.9
23	********	21.1	21.0	20.7	20.1	19.6	19.0	18.4	17.8	17.1	16.4	15.0	11.6	6.7
24	**********		20.6	20.3	19.7	19.2	18.6	18.0	17.4	16.8	16.1	14.7	11.4	6.6
25	**********		20.2	19.9	19.3	18.8	18.2	17.6	17.0	16.4	15.8	14.4	11.2	6.4
30	**********		18.4	18.1	17.6	17.1	16.6	16.1	15.6	15.0	14.4	13.1	10.2	5.9
35	**********		17.0	16.8	16.3	15.9	15.4	14.9	14.4	13.9	13.3	12.2	9.4	5.4
40	**********		15.9	15.7	15.3	14.8	14.4	13.9	13.5	13.0	12.5	11.4	8.8	5.1
45	**********		15.0	14.8	14.4	14.0	13.6	13.1	12.7	12.2	11.8	10.7	8.3	4.8
50	**********			14.0	13.7	13.3	12.9	12.5	12.0	11.6	11.2	10.2	7.9	4.6
55	**********			13.4	13.0	12.7	12.3	11.9	11.5	11.1	10.6	9.7	7.5	4.3
60	**********			12.8	12.5	12.1	11.8	11.4	11.0	10.6	10.2	9.3	7.2	4.2
65	**********			12.3	12.0	11.6	11.3	10.9	10.6	10.2	9.8	8.9	6.9	4.0
70	**********			11.9	11.5	11.2	10.9	10.5	10.2	9.8	9.4	8.6	6.7	3.8
75	**********			11.5	11.2	10.8	10.5	10.2	9.8	9.5	9.1	8.3	6.4	3.7
80	**********			11.1	10.8	10.5	10.2	9.9	9.5	9.2	8.8	8.1	6.2	3.6
85	**********			10.8	10.5	10.2	9.9	9.6	9.2	8.9	8.6	7.8	6.0	3.5
90	**********			10.5	10.2	9.9	9.6	9.3	9.0	8.7	8.3	7.6	5.9	3.4
95	**********			10.2	9.9	9.6	9.3	9.0	8.7	8.4	8.1	7.4	5.7	3.3
100	**********			9.9	9.7	9.4	9.1	8.8	8.5	8.2	7.9	7.2	5.6	3.2
125	**********				8.6	8.4	8.1	7.9	7.6	7.3	7.1	6.4	5.0	2.9
150	**********				7.9	7.7	7.4	7.2	7.0	6.7	6.4	5.9	4.6	2.6
200	**********				6.8	6.6	6.4	6.2	6.0	5.8	5.6	5.1	3.9	2.3
250	**********					5.9	5.8	5.6	5.4	5.2	5.0	4.6	3.5	2.0
300	**********					5.4	5.3	5.1	4.9	4.7	4.6	4.2	3.2	1.9
350	**********					5.0	4.9	4.7	4.6	4.4	4.2	3.8	3.0	1.7
400	**********						4.6	4.4	4.3	4.1	3.9	3.6	2.8	1.6
450	**********						4.3	4.2	4.0	3.9	3.7	3.4	2.6	1.5
500	**********							3.9	3.8	3.7	3.5	3.2	2.5	1.4
750	**********									3.0	2.9	2.6	2.0	1.2
1000	**********											2.3	1.8	1.0
1500	**********												1.4	0.8
2000	**********													0.7

NOTE: FOR CORRECT USAGE OF THESE TABLES PLEASE REFER TO MICRODATA DOCUMENTATION

National Private Vehicle Use Survey - 1996
Approximate Sampling Variability Tables for Prairies
Applicable to Background Questionnaire Categorical Person-Level Variables
QD, QE, QF, QG, QH, QP, DVLEA, OCC15, ...

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	144.4	143.8	143.0	140.8	137.1	133.2	129.2	125.1	120.9	116.5	111.9	102.2	79.1	45.7
2	102.1	101.7	101.1	99.6	96.9	94.2	91.4	88.5	85.5	82.4	79.1	72.2	56.0	32.3
3	83.4	83.0	82.6	81.3	79.1	76.9	74.6	72.2	69.8	67.3	64.6	59.0	45.7	26.4
4	72.2	71.9	71.5	70.4	68.5	66.6	64.6	62.6	60.4	58.2	56.0	51.1	39.6	22.8
5	********	64.3	64.0	63.0	61.3	59.6	57.8	56.0	54.1	52.1	50.1	45.7	35.4	20.4
6	********	58.7	58.4	57.5	56.0	54.4	52.8	51.1	49.4	47.6	45.7	41.7	32.3	18.7
7	********	54.3	54.1	53.2	51.8	50.4	48.8	47.3	45.7	44.0	42.3	38.6	29.9	17.3
8	********	50.8	50.6	49.8	48.5	47.1	45.7	44.2	42.7	41.2	39.6	36.1	28.0	16.2
9	********	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
10	********	45.5	45.2	44.5	43.3	42.1	40.9	39.6	38.2	36.8	35.4	32.3	25.0	14.4
11	********	43.3	43.1	42.5	41.3	40.2	39.0	37.7	36.5	35.1	33.7	30.8	23.9	13.8
12	********	41.5	41.3	40.7	39.6	38.5	37.3	36.1	34.9	33.6	32.3	29.5	22.8	13.2
13	********	39.9	39.7	39.1	38.0	36.9	35.8	34.7	33.5	32.3	31.0	28.3	21.9	12.7
14	********	38.4	38.2	37.6	36.6	35.6	34.5	33.4	32.3	31.1	29.9	27.3	21.2	12.2
15	********	37.1	36.9	36.4	35.4	34.4	33.4	32.3	31.2	30.1	28.9	26.4	20.4	11.8
16	********	35.9	35.8	35.2	34.3	33.3	32.3	31.3	30.2	29.1	28.0	25.5	19.8	11.4
17	********	34.9	34.7	34.2	33.2	32.3	31.3	30.3	29.3	28.3	27.1	24.8	19.2	11.1
18	********	33.9	33.7	33.2	32.3	31.4	30.5	29.5	28.5	27.5	26.4	24.1	18.7	10.8
19	********	33.0	32.8	32.3	31.4	30.6	29.6	28.7	27.7	26.7	25.7	23.4	18.2	10.5
20	********	32.1	32.0	31.5	30.7	29.8	28.9	28.0	27.0	26.0	25.0	22.8	17.7	10.2
21	********	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
22	********	30.7	30.5	30.0	29.2	28.4	27.6	26.7	25.8	24.8	23.9	21.8	16.9	9.7
23	********	30.0	29.8	29.4	28.6	27.8	26.9	26.1	25.2	24.3	23.3	21.3	16.5	9.5
24	********	29.3	29.2	28.7	28.0	27.2	26.4	25.5	24.7	23.8	22.8	20.9	16.2	9.3
25	********	28.8	28.6	28.2	27.4	26.6	25.8	25.0	24.2	23.3	22.4	20.4	15.8	9.1
30	********	26.2	26.1	25.7	25.0	24.3	23.6	22.8	22.1	21.3	20.4	18.7	14.4	8.3
35	********	24.3	24.2	23.8	23.2	22.5	21.8	21.2	20.4	19.7	18.9	17.3	13.4	7.7
40	********	22.7	22.6	22.3	21.7	21.1	20.4	19.8	19.1	18.4	17.7	16.2	12.5	7.2
45	********	21.4	21.3	21.0	20.4	19.9	19.3	18.7	18.0	17.4	16.7	15.2	11.8	6.8
50	**********	20.2	19.9	19.4	18.8	18.3	17.7	17.1	16.5	15.8	14.4	11.2	6.5	
55	**********	19.3	19.0	18.5	18.0	17.4	16.9	16.3	15.7	15.1	13.8	10.7	6.2	
60	**********	18.5	18.2	17.7	17.2	16.7	16.2	15.6	15.0	14.4	13.2	10.2	5.9	
65	**********	17.7	17.5	17.0	16.5	16.0	15.5	15.0	14.4	13.9	12.7	9.8	5.7	
70	**********	17.1	16.8	16.4	15.9	15.4	15.0	14.4	13.9	13.4	12.2	9.5	5.5	
75	**********	16.5	16.3	15.8	15.4	14.9	14.4	14.0	13.5	12.9	11.8	9.1	5.3	
80	**********	16.0	15.7	15.3	14.9	14.4	14.0	13.5	13.0	12.5	11.4	8.8	5.1	
85	**********	15.5	15.3	14.9	14.4	14.0	13.6	13.1	12.6	12.1	11.1	8.6	5.0	
90	**********	15.1	14.8	14.4	14.0	13.6	13.2	12.7	12.3	11.8	10.8	8.3	4.8	
95	**********	14.4	14.1	13.7	13.3	12.8	12.4	12.0	11.5	10.5	8.1	4.7		
100	**********	14.1	13.7	13.3	12.9	12.5	12.1	11.6	11.2	10.2	7.9	4.6		
125	**********	12.6	12.3	11.9	11.6	11.2	10.8	10.4	10.0	9.1	7.1	4.1		
150	**********	11.5	11.2	10.9	10.6	10.2	9.9	9.5	9.1	8.3	6.5	3.7		
200	**********	10.0	9.7	9.4	9.1	8.8	8.5	8.2	7.9	7.2	5.6	3.2		
250	**********	8.7	8.4	8.2	7.9	7.6	7.4	7.1	6.5	5.0	2.9			
300	**********	7.9	7.7	7.5	7.2	7.0	6.7	6.5	5.9	4.6	2.6			
350	**********	7.3	7.1	6.9	6.7	6.5	6.2	6.0	5.5	4.2	2.4			
400	**********	6.9	6.7	6.5	6.3	6.0	5.8	5.6	5.1	4.0	2.3			
450	**********	6.5	6.3	6.1	5.9	5.7	5.5	5.3	4.8	3.7	2.2			
500	**********	6.0	5.8	5.6	5.4	5.2	5.0	4.6	3.5	2.0				
750	**********	4.7	4.6	4.4	4.3	4.1	3.7	2.9	1.7					
1000	**********	4.0	3.8	3.7	3.5	3.2	2.5	1.4						
1500	**********	3.0	2.9	2.6	2.0	1.2								
2000	**********	2.3	1.8	1.0										
3000	**********	1.4	0.8											
4000	**********	0.7												

NOTE: FOR CORRECT USAGE OF THESE TABLES PLEASE REFER TO MICRODATA DOCUMENTATION

National Private Vehicle Use Survey - 1996
Approximate Sampling Variability Tables for Canada
Applicable to Background Questionnaire Categorical Fleet-Level Variables
Q6-Q14, Q16A, Q16B, Q16C, Q17-Q19, Q20A, Q20B, ..., Q20I

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	228.4	227.4	226.2	222.8	216.8	210.7	204.4	197.9	191.2	184.3	177.0	161.6	125.2	72.3
2	161.5	160.8	160.0	157.5	153.3	149.0	144.5	139.9	135.2	130.3	125.2	114.3	88.5	51.1
3	131.9	131.3	130.6	128.6	125.2	121.6	118.0	114.3	110.4	106.4	102.2	93.3	72.3	41.7
4	114.2	113.7	113.1	111.4	108.4	105.4	102.2	99.0	95.6	92.1	88.5	80.8	62.6	36.1
5	102.2	101.7	101.2	99.6	97.0	94.2	91.4	88.5	85.5	82.4	79.2	72.3	56.0	32.3
6	93.3	92.8	92.4	90.9	88.5	86.0	83.4	80.8	78.1	75.2	72.3	66.0	51.1	29.5
7	86.3	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
8	80.8	80.4	80.0	78.8	76.7	74.5	72.3	70.0	67.6	65.1	62.6	57.1	44.3	25.6
9	76.1	75.8	75.4	74.3	72.3	70.2	68.1	66.0	63.7	61.4	59.0	53.9	41.7	24.1
10	72.2	71.9	71.5	70.4	68.6	66.6	64.6	62.6	60.5	58.3	56.0	51.1	39.6	22.9
11	68.9	68.6	68.2	67.2	65.4	63.5	61.6	59.7	57.7	55.6	53.4	48.7	37.7	21.8
12	65.9	65.6	65.3	64.3	62.6	60.8	59.0	57.1	55.2	53.2	51.1	46.6	36.1	20.9
13	63.4	63.1	62.7	61.8	60.1	58.4	56.7	54.9	53.0	51.1	49.1	44.8	34.7	20.0
14	61.0	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
15	********	58.7	58.4	57.5	56.0	54.4	52.8	51.1	49.4	47.6	45.7	41.7	32.3	18.7
16	********	56.8	56.6	55.7	54.2	52.7	51.1	49.5	47.8	46.1	44.3	40.4	31.3	18.1
17	********	55.2	54.9	54.0	52.6	51.1	49.6	48.0	46.4	44.7	42.9	39.2	30.4	17.5
18	********	53.6	53.3	52.5	51.1	49.7	48.2	46.6	45.1	43.4	41.7	38.1	29.5	17.0
19	********	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
20	********	50.8	50.6	49.8	48.5	47.1	45.7	44.3	42.8	41.2	39.6	36.1	28.0	16.2
21	********	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
22	********	48.5	48.2	47.5	46.2	44.9	43.6	42.2	40.8	39.3	37.7	34.5	26.7	15.4
23	********	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
24	********	46.4	46.2	45.5	44.3	43.0	41.7	40.4	39.0	37.6	36.1	33.0	25.6	14.8
25	********	45.5	45.2	44.6	43.4	42.1	40.9	39.6	38.2	36.9	35.4	32.3	25.0	14.5
30	********	41.5	41.3	40.7	39.6	38.5	37.3	36.1	34.9	33.6	32.3	29.5	22.9	13.2
35	********	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
40	********	36.0	35.8	35.2	34.3	33.3	32.3	31.3	30.2	29.1	28.0	25.6	19.8	11.4
45	********	33.9	33.7	33.2	32.3	31.4	30.5	29.5	28.5	27.5	26.4	24.1	18.7	10.8
50	********	32.2	32.0	31.5	30.7	29.8	28.9	28.0	27.0	26.1	25.0	22.9	17.7	10.2
55	********	30.7	30.5	30.0	29.2	28.4	27.6	26.7	25.8	24.8	23.9	21.8	16.9	9.7
60	********	29.4	29.2	28.8	28.0	27.2	26.4	25.6	24.7	23.8	22.9	20.9	16.2	9.3
65	********	28.2	28.1	27.6	26.9	26.1	25.4	24.5	23.7	22.9	22.0	20.0	15.5	9.0
70	********	27.2	27.0	26.6	25.9	25.2	24.4	23.7	22.9	22.0	21.2	19.3	15.0	8.6
75	********	26.3	26.1	25.7	25.0	24.3	23.6	22.9	22.1	21.3	20.4	18.7	14.5	8.3
80	********	25.4	25.3	24.9	24.2	23.6	22.9	22.1	21.4	20.6	19.8	18.1	14.0	8.1
85	********	24.7	24.5	24.2	23.5	22.9	22.2	21.5	20.7	20.0	19.2	17.5	13.6	7.8
90	********	24.0	23.8	23.5	22.9	22.2	21.5	20.9	20.2	19.4	18.7	17.0	13.2	7.6
95	********	23.3	23.2	22.9	22.2	21.6	21.0	20.3	19.6	18.9	18.2	16.6	12.8	7.4
100	********	22.7	22.6	22.3	21.7	21.1	20.4	19.8	19.1	18.4	17.7	16.2	12.5	7.2
125	********	20.3	20.2	19.9	19.4	18.8	18.3	17.7	17.1	16.5	15.8	14.5	11.2	6.5
150	**********	18.5	18.2	17.7	17.2	16.7	16.2	15.6	15.0	14.5	13.2	10.2	5.9	
200	**********	16.0	15.8	15.3	14.9	14.5	14.0	13.5	13.0	12.5	11.4	8.9	5.1	
250	**********	14.3	14.1	13.7	13.3	12.9	12.5	12.1	11.7	11.2	10.2	7.9	4.6	
300	**********	12.9	12.5	12.2	11.8	11.4	11.0	10.6	10.2	9.3	7.2	4.2		
350	**********	11.9	11.6	11.3	10.9	10.6	10.2	9.8	9.5	8.6	6.7	3.9		
400	**********	11.1	10.8	10.5	10.2	9.9	9.6	9.2	8.9	8.1	6.3	3.6		
450	**********	10.5	10.2	9.9	9.6	9.3	9.0	8.7	8.3	7.6	5.9	3.4		
500	**********	10.0	9.7	9.4	9.1	8.9	8.6	8.2	7.9	7.2	5.6	3.2		
750	**********	7.9	7.7	7.5	7.2	7.0	6.7	6.5	5.9	4.6	2.6			
1000	**********	6.9	6.7	6.5	6.3	6.0	5.8	5.6	5.1	4.0	2.3			
1500	**********	5.4	5.3	5.1	4.9	4.8	4.6	4.2	3.2	1.9				
2000	**********	4.7	4.6	4.4	4.3	4.1	4.0	3.6	2.8	1.6				
3000	**********	3.6	3.5	3.4	3.2	3.0	2.3	1.3						
4000	**********	3.0	2.9	2.8	2.6	2.0	1.1							
5000	**********	2.6	2.5	2.3	1.8	1.0								
6000	**********	2.1	1.6	0.9										
7000	**********	1.9	1.5	0.9										
8000	**********	1.4	0.8											
9000	**********	1.3	0.8											
10000	**********	1.3	0.7											
12500	**********	0.6												

NOTE: FOR CORRECT USAGE OF THESE TABLES PLEASE REFER TO MICRODATA DOCUMENTATION

National Private Vehicle Use Survey - 1996
Approximate Sampling Variability Tables for Newfoundland
Applicable to Background Questionnaire Categorical Fleet-Level Variables
Q6-Q14, Q16A, Q16B, Q16C, Q17-Q19, Q20A, Q20B, ..., Q20I

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	********	85.6	85.1	83.8	81.6	79.3	76.9	74.5	72.0	69.3	66.6	60.8	47.1	27.2
2	********	60.5	60.2	59.3	57.7	56.1	54.4	52.7	50.9	49.0	47.1	43.0	33.3	19.2
3	**********	49.2	48.4	47.1	45.8	44.4	43.0	41.5	40.0	38.5	35.1	27.2	15.7	
4	**********	42.6	41.9	40.8	39.6	38.5	37.2	36.0	34.7	33.3	30.4	23.6	13.6	
5	**********	37.5	36.5	35.5	34.4	33.3	32.2	31.0	29.8	27.2	21.1	12.2		
6	**********	34.2	33.3	32.4	31.4	30.4	29.4	28.3	27.2	24.8	19.2	11.1		
7	**********	31.7	30.8	30.0	29.1	28.2	27.2	26.2	25.2	23.0	17.8	10.3		
8	**********	29.6	28.8	28.0	27.2	26.3	25.4	24.5	23.6	21.5	16.7	9.6		
9	**********	27.9	27.2	26.4	25.6	24.8	24.0	23.1	22.2	20.3	15.7	9.1		
10	**********	26.5	25.8	25.1	24.3	23.6	22.8	21.9	21.1	19.2	14.9	8.6		
11	**********	25.3	24.6	23.9	23.2	22.5	21.7	20.9	20.1	18.3	14.2	8.2		
12	**********	24.2	23.6	22.9	22.2	21.5	20.8	20.0	19.2	17.6	13.6	7.9		
13	**********	22.6	22.0	21.3	20.7	20.0	19.2	18.5	16.9	13.1	7.5			
14	**********	21.8	21.2	20.6	19.9	19.2	18.5	17.8	16.3	12.6	7.3			
15	**********	21.1	20.5	19.9	19.2	18.6	17.9	17.2	15.7	12.2	7.0			
16	**********	20.4	19.8	19.2	18.6	18.0	17.3	16.7	15.2	11.8	6.8			
17	**********	19.8	19.2	18.7	18.1	17.5	16.8	16.2	14.7	11.4	6.6			
18	**********	19.2	18.7	18.1	17.6	17.0	16.3	15.7	14.3	11.1	6.4			
19	**********	18.7	18.2	17.6	17.1	16.5	15.9	15.3	14.0	10.8	6.2			
20	**********	18.2	17.7	17.2	16.7	16.1	15.5	14.9	13.6	10.5	6.1			
21	**********	17.8	17.3	16.8	16.3	15.7	15.1	14.5	13.3	10.3	5.9			
22	**********	17.4	16.9	16.4	15.9	15.3	14.8	14.2	13.0	10.0	5.8			
23	**********	17.0	16.5	16.0	15.5	15.0	14.5	13.9	12.7	9.8	5.7			
24	**********	16.7	16.2	15.7	15.2	14.7	14.2	13.6	12.4	9.6	5.6			
25	**********	15.9	15.4	14.9	14.4	13.9	13.3	12.2	9.4	5.4				
30	**********	14.5	14.0	13.6	13.1	12.7	12.2	11.1	8.6	5.0				
35	**********	13.4	13.0	12.6	12.2	11.7	11.3	10.3	8.0	4.6				
40	**********	12.2	11.8	11.4	11.0	10.5	9.6	7.4	4.3					
45	**********	11.5	11.1	10.7	10.3	9.9	9.1	7.0	4.1					
50	**********	10.5	10.2	9.8	9.4	8.6	6.7	3.8						
55	**********	10.0	9.7	9.3	9.0	8.2	6.4	3.7						
60	**********	9.6	9.3	9.0	8.6	7.9	6.1	3.5						
65	**********	8.9	8.6	8.3	7.5	5.8	3.4							
70	**********	8.6	8.3	8.0	7.3	5.6	3.3							
75	**********	8.0	7.7	7.0	5.4	3.1								
80	**********	7.8	7.4	6.8	5.3	3.0								
85	**********	7.2	6.6	5.1	2.9									
90	**********	7.0	6.4	5.0	2.9									
95	**********	6.8	6.2	4.8	2.8									
100	**********	6.1	4.7	2.7										
125	**********	4.2	2.4											
150	**********	3.8	2.2											
200	**********	1.9												

NOTE: FOR CORRECT USAGE OF THESE TABLES PLEASE REFER TO MICRODATA DOCUMENTATION

National Private Vehicle Use Survey - 1996
Approximate Sampling Variability Tables for Prince Edward Is.
Applicable to Background Questionnaire Categorical Fleet-Level Variables
Q6-Q14, Q16A, Q16B, Q16C, Q17-Q19, Q20A, Q20B, ..., Q20I

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	**********	**********	47.6	46.9	45.6	44.3	43.0	41.6	40.2	38.8	37.2	34.0	26.3	15.2
2	**********	**********	33.1	32.3	31.3	30.4	29.4	28.4	27.4	26.3	24.0	18.6	10.8
3	**********	**********	27.1	26.3	25.6	24.8	24.0	23.2	22.4	21.5	19.6	15.2	8.8
4	**********	**********	22.8	22.2	21.5	20.8	20.1	19.4	18.6	17.0	13.2	7.6
5	**********	**********	20.4	19.8	19.2	18.6	18.0	17.3	16.7	15.2	11.8	6.8
6	**********	**********	18.6	18.1	17.6	17.0	16.4	15.8	15.2	13.9	10.8	6.2
7	**********	**********	16.8	16.3	15.7	15.2	14.7	14.1	12.9	10.0	5.7
8	**********	**********	15.7	15.2	14.7	14.2	13.7	13.2	12.0	9.3	5.4
9	**********	**********	14.8	14.3	13.9	13.4	12.9	12.4	11.3	8.8	5.1
10	**********	**********	14.0	13.6	13.2	12.7	12.3	11.8	10.8	8.3	4.8
11	**********	**********	13.0	12.6	12.1	11.7	11.2	10.3	7.9	4.6
12	**********	**********	12.4	12.0	11.6	11.2	10.8	9.8	7.6	4.4
13	**********	**********	11.9	11.5	11.2	10.8	10.3	9.4	7.3	4.2
14	**********	**********	11.1	10.8	10.4	10.0	9.1	7.0	4.1
15	**********	**********	10.8	10.4	10.0	9.6	8.8	6.8	3.9
16	**********	**********	10.4	10.1	9.7	9.3	8.5	6.6	3.8
17	**********	**********	10.1	9.8	9.4	9.0	8.2	6.4	3.7
18	**********	**********	9.5	9.1	8.8	8.0	6.2	3.6
19	**********	**********	9.2	8.9	8.5	7.8	6.0	3.5
20	**********	**********	9.0	8.7	8.3	7.6	5.9	3.4
21	**********	**********	8.5	8.1	7.4	5.7	3.3
22	**********	**********	8.3	7.9	7.2	5.6	3.2
23	**********	**********	8.1	7.8	7.1	5.5	3.2
24	**********	**********	7.9	7.6	6.9	5.4	3.1
25	**********	**********	7.4	6.8	5.3	3.0
30	**********	**********	6.2	4.8	2.8
35	**********	**********	4.5	2.6
40	**********	**********	4.2	2.4
45	**********	**********	3.9	2.3
50	**********	**********	2.2
55	**********	**********	2.1
60	**********	**********	2.0

NOTE: FOR CORRECT USAGE OF THESE TABLES PLEASE REFER TO MICRODATA DOCUMENTATION

National Private Vehicle Use Survey - 1996
Approximate Sampling Variability Tables for Nova Scotia
Applicable to Background Questionnaire Categorical Fleet-Level Variables
Q6-Q14, Q16A, Q16B, Q16C, Q17-Q19, Q20A, Q20B, ..., Q20I

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	********	124.8	124.2	122.3	119.0	115.7	112.2	108.6	105.0	101.1	97.2	88.7	68.7	39.7
2	********	88.3	87.8	86.5	84.2	81.8	79.3	76.8	74.2	71.5	68.7	62.7	48.6	28.1
3	********	72.1	71.7	70.6	68.7	66.8	64.8	62.7	60.6	58.4	56.1	51.2	39.7	22.9
4	********	62.4	62.1	61.1	59.5	57.8	56.1	54.3	52.5	50.6	48.6	44.4	34.4	19.8
5	**********	55.5	54.7	53.2	51.7	50.2	48.6	46.9	45.2	43.5	39.7	30.7	17.7	
6	**********	50.7	49.9	48.6	47.2	45.8	44.4	42.9	41.3	39.7	36.2	28.1	16.2	
7	**********	46.9	46.2	45.0	43.7	42.4	41.1	39.7	38.2	36.7	33.5	26.0	15.0	
8	**********	43.9	43.2	42.1	40.9	39.7	38.4	37.1	35.8	34.4	31.4	24.3	14.0	
9	**********	41.4	40.8	39.7	38.6	37.4	36.2	35.0	33.7	32.4	29.6	22.9	13.2	
10	**********	38.7	37.6	36.6	35.5	34.4	33.2	32.0	30.7	28.1	21.7	12.5		
11	**********	36.9	35.9	34.9	33.8	32.8	31.6	30.5	29.3	26.7	20.7	12.0		
12	**********	35.3	34.4	33.4	32.4	31.4	30.3	29.2	28.1	25.6	19.8	11.5		
13	**********	33.9	33.0	32.1	31.1	30.1	29.1	28.1	27.0	24.6	19.1	11.0		
14	**********	32.7	31.8	30.9	30.0	29.0	28.1	27.0	26.0	23.7	18.4	10.6		
15	**********	31.6	30.7	29.9	29.0	28.1	27.1	26.1	25.1	22.9	17.7	10.2		
16	**********	30.6	29.8	28.9	28.1	27.2	26.2	25.3	24.3	22.2	17.2	9.9		
17	**********	29.7	28.9	28.1	27.2	26.4	25.5	24.5	23.6	21.5	16.7	9.6		
18	**********	28.8	28.1	27.3	26.4	25.6	24.7	23.8	22.9	20.9	16.2	9.4		
19	**********	28.1	27.3	26.5	25.7	24.9	24.1	23.2	22.3	20.4	15.8	9.1		
20	**********	27.3	26.6	25.9	25.1	24.3	23.5	22.6	21.7	19.8	15.4	8.9		
21	**********	26.7	26.0	25.2	24.5	23.7	22.9	22.1	21.2	19.4	15.0	8.7		
22	**********	26.1	25.4	24.7	23.9	23.2	22.4	21.6	20.7	18.9	14.7	8.5		
23	**********	25.5	24.8	24.1	23.4	22.7	21.9	21.1	20.3	18.5	14.3	8.3		
24	**********	24.3	23.6	22.9	22.2	21.4	20.6	19.8	18.1	14.0	8.1			
25	**********	23.8	23.1	22.4	21.7	21.0	20.2	19.4	17.7	13.7	7.9			
30	**********	21.7	21.1	20.5	19.8	19.2	18.5	17.7	16.2	12.5	7.2			
35	**********	20.1	19.6	19.0	18.4	17.7	17.1	16.4	15.0	11.6	6.7			
40	**********	18.8	18.3	17.7	17.2	16.6	16.0	15.4	14.0	10.9	6.3			
45	**********	17.7	17.2	16.7	16.2	15.6	15.1	14.5	13.2	10.2	5.9			
50	**********	16.4	15.9	15.4	14.8	14.3	13.7	12.5	9.7	5.6				
55	**********	15.6	15.1	14.7	14.2	13.6	13.1	12.0	9.3	5.3				
60	**********	14.9	14.5	14.0	13.6	13.1	12.5	11.5	8.9	5.1				
65	**********	14.3	13.9	13.5	13.0	12.5	12.1	11.0	8.5	4.9				
70	**********	13.8	13.4	13.0	12.5	12.1	11.6	10.6	8.2	4.7				
75	**********	13.0	12.5	12.1	11.7	11.2	10.2	7.9	4.6					
80	**********	12.5	12.1	11.7	11.3	10.9	9.9	7.7	4.4					
85	**********	12.2	11.8	11.4	11.0	10.5	9.6	7.5	4.3					
90	**********	11.8	11.5	11.1	10.7	10.2	9.4	7.2	4.2					
95	**********	11.5	11.1	10.8	10.4	10.0	9.1	7.1	4.1					
100	**********	10.9	10.5	10.1	9.7	8.9	6.9	4.0						
125	**********	9.4	9.0	8.7	7.9	6.1	3.5							
150	**********	8.3	7.9	7.2	5.6	3.2								
200	**********	6.3	4.9	2.8										
250	**********	4.3	2.5											
300	**********	4.0	2.3											
350	**********	2.1												
400	**********	2.0												

NOTE: FOR CORRECT USAGE OF THESE TABLES PLEASE REFER TO MICRODATA DOCUMENTATION

National Private Vehicle Use Survey - 1996
Approximate Sampling Variability Tables for New Brunswick
Applicable to Background Questionnaire Categorical Fleet-Level Variables
Q6-Q14, Q16A, Q16B, Q16C, Q17-Q19, Q20A, Q20B, ..., Q20I

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	********	92.7	92.2	90.8	88.4	85.9	83.3	80.7	77.9	75.1	72.1	65.9	51.0	29.5
2	********	65.5	65.2	64.2	62.5	60.7	58.9	57.0	55.1	53.1	51.0	46.6	36.1	20.8
3	********	53.5	53.2	52.4	51.0	49.6	48.1	46.6	45.0	43.4	41.6	38.0	29.5	17.0
4	**********	46.1	45.4	44.2	42.9	41.6	40.3	39.0	37.5	36.1	32.9	25.5	14.7	
5	**********	41.2	40.6	39.5	38.4	37.3	36.1	34.8	33.6	32.3	29.5	22.8	13.2	
6	**********	37.6	37.1	36.1	35.1	34.0	32.9	31.8	30.7	29.5	26.9	20.8	12.0	
7	**********	34.8	34.3	33.4	32.5	31.5	30.5	29.5	28.4	27.3	24.9	19.3	11.1	
8	**********	32.1	31.2	30.4	29.5	28.5	27.5	26.5	25.5	23.3	18.0	10.4		
9	**********	30.3	29.5	28.6	27.8	26.9	26.0	25.0	24.0	22.0	17.0	9.8		
10	**********	28.7	27.9	27.2	26.3	25.5	24.6	23.7	22.8	20.8	16.1	9.3		
11	**********	27.4	26.6	25.9	25.1	24.3	23.5	22.6	21.8	19.9	15.4	8.9		
12	**********	26.2	25.5	24.8	24.0	23.3	22.5	21.7	20.8	19.0	14.7	8.5		
13	**********	25.2	24.5	23.8	23.1	22.4	21.6	20.8	20.0	18.3	14.1	8.2		
14	**********	24.3	23.6	22.9	22.3	21.6	20.8	20.1	19.3	17.6	13.6	7.9		
15	**********	23.4	22.8	22.2	21.5	20.8	20.1	19.4	18.6	17.0	13.2	7.6		
16	**********	22.7	22.1	21.5	20.8	20.2	19.5	18.8	18.0	16.5	12.8	7.4		
17	**********	22.0	21.4	20.8	20.2	19.6	18.9	18.2	17.5	16.0	12.4	7.1		
18	**********	21.4	20.8	20.2	19.6	19.0	18.4	17.7	17.0	15.5	12.0	6.9		
19	**********	20.3	19.7	19.1	18.5	17.9	17.2	16.5	15.1	11.7	6.8			
20	**********	19.8	19.2	18.6	18.0	17.4	16.8	16.1	14.7	11.4	6.6			
21	**********	19.3	18.7	18.2	17.6	17.0	16.4	15.7	14.4	11.1	6.4			
22	**********	18.8	18.3	17.8	17.2	16.6	16.0	15.4	14.0	10.9	6.3			
23	**********	18.4	17.9	17.4	16.8	16.2	15.7	15.0	13.7	10.6	6.1			
24	**********	18.0	17.5	17.0	16.5	15.9	15.3	14.7	13.4	10.4	6.0			
25	**********	17.7	17.2	16.7	16.1	15.6	15.0	14.4	13.2	10.2	5.9			
30	**********	16.1	15.7	15.2	14.7	14.2	13.7	13.2	12.0	9.3	5.4			
35	**********	14.9	14.5	14.1	13.6	13.2	12.7	12.2	11.1	8.6	5.0			
40	**********	13.6	13.2	12.8	12.3	11.9	11.4	10.4	8.1	4.7				
45	**********	12.8	12.4	12.0	11.6	11.2	10.8	9.8	7.6	4.4				
50	**********	12.1	11.8	11.4	11.0	10.6	10.2	9.3	7.2	4.2				
55	**********	11.6	11.2	10.9	10.5	10.1	9.7	8.9	6.9	4.0				
60	**********	10.8	10.4	10.1	9.7	9.3	8.5	6.6	3.8					
65	**********	10.3	10.0	9.7	9.3	8.9	8.2	6.3	3.7					
70	**********	10.0	9.6	9.3	9.0	8.6	7.9	6.1	3.5					
75	**********	9.6	9.3	9.0	8.7	8.3	7.6	5.9	3.4					
80	**********	9.0	8.7	8.4	8.1	7.4	5.7	3.3						
85	**********	8.7	8.5	8.1	7.8	7.1	5.5	3.2						
90	**********	8.5	8.2	7.9	7.6	6.9	5.4	3.1						
95	**********	8.0	7.7	7.4	6.8	5.2	3.0							
100	**********	7.8	7.5	7.2	6.6	5.1	2.9							
125	**********	6.7	6.5	5.9	4.6	2.6								
150	**********	5.9	5.4	4.2	2.4									
200	**********	3.6	2.1											
250	**********	3.2	1.9											
300	**********	1.7												

NOTE: FOR CORRECT USAGE OF THESE TABLES PLEASE REFER TO MICRODATA DOCUMENTATION

National Private Vehicle Use Survey - 1996
Approximate Sampling Variability Tables for Québec
Applicable to Background Questionnaire Categorical Fleet-Level Variables
Q6-Q14, Q16A, Q16B, Q16C, Q17-Q19, Q20A, Q20B, ..., Q20I

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	218.4	217.4	216.3	213.0	207.3	201.4	195.4	189.2	182.8	176.1	169.2	154.5	119.7	69.1
2	154.4	153.7	152.9	150.6	146.6	142.4	138.2	133.8	129.3	124.6	119.7	109.2	84.6	48.9
3	126.1	125.5	124.9	122.9	119.7	116.3	112.8	109.2	105.5	101.7	97.7	89.2	69.1	39.9
4	********	108.7	108.1	106.5	103.6	100.7	97.7	94.6	91.4	88.1	84.6	77.2	59.8	34.5
5	********	97.2	96.7	95.2	92.7	90.1	87.4	84.6	81.7	78.8	75.7	69.1	53.5	30.9
6	********	88.7	88.3	86.9	84.6	82.2	79.8	77.2	74.6	71.9	69.1	63.1	48.9	28.2
7	********	82.2	81.7	80.5	78.3	76.1	73.9	71.5	69.1	66.6	64.0	58.4	45.2	26.1
8	********	76.9	76.5	75.3	73.3	71.2	69.1	66.9	64.6	62.3	59.8	54.6	42.3	24.4
9	********	72.5	72.1	71.0	69.1	67.1	65.1	63.1	60.9	58.7	56.4	51.5	39.9	23.0
10	********	68.7	68.4	67.3	65.5	63.7	61.8	59.8	57.8	55.7	53.5	48.9	37.8	21.8
11	********	65.5	65.2	64.2	62.5	60.7	58.9	57.0	55.1	53.1	51.0	46.6	36.1	20.8
12	********	62.8	62.4	61.5	59.8	58.1	56.4	54.6	52.8	50.8	48.9	44.6	34.5	19.9
13	********	60.3	60.0	59.1	57.5	55.9	54.2	52.5	50.7	48.9	46.9	42.8	33.2	19.2
14	********	58.1	57.8	56.9	55.4	53.8	52.2	50.6	48.9	47.1	45.2	41.3	32.0	18.5
15	********	56.1	55.8	55.0	53.5	52.0	50.5	48.9	47.2	45.5	43.7	39.9	30.9	17.8
16	********	54.3	54.1	53.2	51.8	50.4	48.9	47.3	45.7	44.0	42.3	38.6	29.9	17.3
17	********	52.7	52.5	51.6	50.3	48.9	47.4	45.9	44.3	42.7	41.0	37.5	29.0	16.8
18	********	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
19	********	49.9	49.6	48.9	47.6	46.2	44.8	43.4	41.9	40.4	38.8	35.4	27.5	15.9
20	********	48.6	48.4	47.6	46.3	45.0	43.7	42.3	40.9	39.4	37.8	34.5	26.8	15.4
21	********	47.4	47.2	46.5	45.2	44.0	42.6	41.3	39.9	38.4	36.9	33.7	26.1	15.1
22	********	46.3	46.1	45.4	44.2	42.9	41.7	40.3	39.0	37.6	36.1	32.9	25.5	14.7
23	********	45.3	45.1	44.4	43.2	42.0	40.7	39.5	38.1	36.7	35.3	32.2	25.0	14.4
24	********	44.4	44.1	43.5	42.3	41.1	39.9	38.6	37.3	36.0	34.5	31.5	24.4	14.1
25	********	43.5	43.3	42.6	41.5	40.3	39.1	37.8	36.6	35.2	33.8	30.9	23.9	13.8
30	********	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
35	**********	36.6	36.0	35.0	34.0	33.0	32.0	30.9	29.8	28.6	26.1	20.2	11.7	
40	**********	34.2	33.7	32.8	31.8	30.9	29.9	28.9	27.9	26.8	24.4	18.9	10.9	
45	**********	32.2	31.7	30.9	30.0	29.1	28.2	27.2	26.3	25.2	23.0	17.8	10.3	
50	**********	30.6	30.1	29.3	28.5	27.6	26.8	25.9	24.9	23.9	21.8	16.9	9.8	
55	**********	29.2	28.7	27.9	27.2	26.4	25.5	24.6	23.8	22.8	20.8	16.1	9.3	
60	**********	27.9	27.5	26.8	26.0	25.2	24.4	23.6	22.7	21.8	19.9	15.4	8.9	
65	**********	26.8	26.4	25.7	25.0	24.2	23.5	22.7	21.8	21.0	19.2	14.8	8.6	
70	**********	25.5	24.8	24.1	23.4	22.6	21.8	21.1	20.2	18.5	14.3	8.3		
75	**********	24.6	23.9	23.3	22.6	21.8	21.1	20.3	19.5	17.8	13.8	8.0		
80	**********	23.8	23.2	22.5	21.8	21.2	20.4	19.7	18.9	17.3	13.4	7.7		
85	**********	23.1	22.5	21.8	21.2	20.5	19.8	19.1	18.4	16.8	13.0	7.5		
90	**********	22.4	21.8	21.2	20.6	19.9	19.3	18.6	17.8	16.3	12.6	7.3		
95	**********	21.8	21.3	20.7	20.0	19.4	18.8	18.1	17.4	15.9	12.3	7.1		
100	**********	21.3	20.7	20.1	19.5	18.9	18.3	17.6	16.9	15.4	12.0	6.9		
125	**********	19.0	18.5	18.0	17.5	16.9	16.3	15.8	15.1	13.8	10.7	6.2		
150	**********	17.4	16.9	16.4	16.0	15.4	14.9	14.4	13.8	12.6	9.8	5.6		
200	**********	14.7	14.2	13.8	13.4	12.9	12.5	12.0	10.9	8.5	4.9			
250	**********	13.1	12.7	12.4	12.0	11.6	11.1	10.7	9.8	7.6	4.4			
300	**********	12.0	11.6	11.3	10.9	10.6	10.2	9.8	8.9	6.9	4.0			
350	**********	10.8	10.4	10.1	9.8	9.4	9.0	8.3	6.4	3.7				
400	**********	10.1	9.8	9.5	9.1	8.8	8.5	7.7	6.0	3.5				
450	**********	9.5	9.2	8.9	8.6	8.3	8.0	7.3	5.6	3.3				
500	**********	8.7	8.5	8.2	7.9	7.6	6.9	5.4	3.1					
750	**********	6.9	6.7	6.4	6.2	5.6	4.4	2.5						
1000	**********	5.6	5.4	4.9	3.8	2.2								
1500	**********	4.0	3.1	1.8										
2000	**********	2.7	1.5											

NOTE: FOR CORRECT USAGE OF THESE TABLES PLEASE REFER TO MICRODATA DOCUMENTATION

National Private Vehicle Use Survey - 1996
Approximate Sampling Variability Tables for Ontario
Applicable to Background Questionnaire Categorical Fleet-Level Variables
Q6-Q14, Q16A, Q16B, Q16C, Q17-Q19, Q20A, Q20B, ..., Q20I

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	276.3	275.1	273.7	269.5	262.3	254.9	247.3	239.4	231.3	222.9	214.1	195.5	151.4	87.4
2	195.4	194.5	193.5	190.5	185.5	180.2	174.8	169.3	163.6	157.6	151.4	138.2	107.1	61.8
3	159.5	158.8	158.0	155.6	151.4	147.2	142.8	138.2	133.5	128.7	123.6	112.9	87.4	50.5
4	138.2	137.5	136.8	134.7	131.1	127.4	123.6	119.7	115.7	111.4	107.1	97.7	75.7	43.7
5	123.6	123.0	122.4	120.5	117.3	114.0	110.6	107.1	103.4	99.7	95.8	87.4	67.7	39.1
6	********	112.3	111.7	110.0	107.1	104.1	100.9	97.7	94.4	91.0	87.4	79.8	61.8	35.7
7	********	104.0	103.4	101.8	99.1	96.3	93.5	90.5	87.4	84.2	80.9	73.9	57.2	33.0
8	********	97.3	96.8	95.3	92.7	90.1	87.4	84.6	81.8	78.8	75.7	69.1	53.5	30.9
9	********	91.7	91.2	89.8	87.4	85.0	82.4	79.8	77.1	74.3	71.4	65.2	50.5	29.1
10	********	87.0	86.5	85.2	82.9	80.6	78.2	75.7	73.1	70.5	67.7	61.8	47.9	27.6
11	********	82.9	82.5	81.2	79.1	76.9	74.6	72.2	69.7	67.2	64.6	58.9	45.7	26.4
12	********	79.4	79.0	77.8	75.7	73.6	71.4	69.1	66.8	64.3	61.8	56.4	43.7	25.2
13	********	76.3	75.9	74.7	72.7	70.7	68.6	66.4	64.2	61.8	59.4	54.2	42.0	24.2
14	********	73.5	73.1	72.0	70.1	68.1	66.1	64.0	61.8	59.6	57.2	52.2	40.5	23.4
15	********	71.0	70.7	69.6	67.7	65.8	63.8	61.8	59.7	57.6	55.3	50.5	39.1	22.6
16	********	68.8	68.4	67.4	65.6	63.7	61.8	59.9	57.8	55.7	53.5	48.9	37.9	21.9
17	********	66.7	66.4	65.4	63.6	61.8	60.0	58.1	56.1	54.1	51.9	47.4	36.7	21.2
18	********	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
19	********	63.1	62.8	61.8	60.2	58.5	56.7	54.9	53.1	51.1	49.1	44.8	34.7	20.1
20	********	61.5	61.2	60.3	58.6	57.0	55.3	53.5	51.7	49.8	47.9	43.7	33.9	19.5
21	********	60.0	59.7	58.8	57.2	55.6	54.0	52.2	50.5	48.6	46.7	42.7	33.0	19.1
22	********	58.6	58.3	57.4	55.9	54.3	52.7	51.0	49.3	47.5	45.7	41.7	32.3	18.6
23	********	57.4	57.1	56.2	54.7	53.1	51.6	49.9	48.2	46.5	44.7	40.8	31.6	18.2
24	********	56.1	55.9	55.0	53.5	52.0	50.5	48.9	47.2	45.5	43.7	39.9	30.9	17.8
25	********	55.0	54.7	53.9	52.5	51.0	49.5	47.9	46.3	44.6	42.8	39.1	30.3	17.5
30	********	50.2	50.0	49.2	47.9	46.5	45.1	43.7	42.2	40.7	39.1	35.7	27.6	16.0
35	********	46.5	46.3	45.5	44.3	43.1	41.8	40.5	39.1	37.7	36.2	33.0	25.6	14.8
40	********	43.5	43.3	42.6	41.5	40.3	39.1	37.9	36.6	35.2	33.9	30.9	23.9	13.8
45	********	41.0	40.8	40.2	39.1	38.0	36.9	35.7	34.5	33.2	31.9	29.1	22.6	13.0
50	********	38.9	38.7	38.1	37.1	36.0	35.0	33.9	32.7	31.5	30.3	27.6	21.4	12.4
55	**********	36.9	36.3	35.4	34.4	33.3	32.3	31.2	30.1	28.9	26.4	20.4	11.8	
60	**********	35.3	34.8	33.9	32.9	31.9	30.9	29.9	28.8	27.6	25.2	19.5	11.3	
65	**********	33.9	33.4	32.5	31.6	30.7	29.7	28.7	27.6	26.6	24.2	18.8	10.8	
70	**********	32.7	32.2	31.3	30.5	29.6	28.6	27.6	26.6	25.6	23.4	18.1	10.4	
75	**********	31.6	31.1	30.3	29.4	28.6	27.6	26.7	25.7	24.7	22.6	17.5	10.1	
80	**********	30.6	30.1	29.3	28.5	27.6	26.8	25.9	24.9	23.9	21.9	16.9	9.8	
85	**********	29.7	29.2	28.4	27.6	26.8	26.0	25.1	24.2	23.2	21.2	16.4	9.5	
90	**********	28.8	28.4	27.6	26.9	26.1	25.2	24.4	23.5	22.6	20.6	16.0	9.2	
95	**********	28.1	27.6	26.9	26.2	25.4	24.6	23.7	22.9	22.0	20.1	15.5	9.0	
100	**********	27.4	26.9	26.2	25.5	24.7	23.9	23.1	22.3	21.4	19.5	15.1	8.7	
125	**********	24.1	23.5	22.8	22.1	21.4	20.7	19.9	19.2	17.5	13.5	7.8		
150	**********	22.0	21.4	20.8	20.2	19.5	18.9	18.2	17.5	16.0	12.4	7.1		
200	**********	19.1	18.5	18.0	17.5	16.9	16.4	15.8	15.1	13.8	10.7	6.2		
250	**********	17.0	16.6	16.1	15.6	15.1	14.6	14.1	13.5	12.4	9.6	5.5		
300	**********	15.1	14.7	14.3	13.8	13.4	12.9	12.4	11.3	8.7	5.0			
350	**********	14.0	13.6	13.2	12.8	12.4	11.9	11.4	10.4	8.1	4.7			
400	**********	13.1	12.7	12.4	12.0	11.6	11.1	10.7	9.8	7.6	4.4			
450	**********	12.4	12.0	11.7	11.3	10.9	10.5	10.1	9.2	7.1	4.1			
500	**********	11.7	11.4	11.1	10.7	10.3	10.0	9.6	8.7	6.8	3.9			
750	**********	9.3	9.0	8.7	8.4	8.1	7.8	7.1	5.5	3.2				
1000	**********	7.8	7.6	7.3	7.0	6.8	6.2	4.8	2.8					
1500	**********	6.0	5.8	5.5	5.0	3.9	2.3							
2000	**********	4.8	4.4	3.4	2.0									
3000	**********	2.8	1.6											
4000	**********	1.4												

NOTE: FOR CORRECT USAGE OF THESE TABLES PLEASE REFER TO MICRODATA DOCUMENTATION

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Applicable to Background Questionnaire Categorical Fleet-Level Variables
Q6-Q14, Q16A, Q16B, Q16C, Q17-Q19, Q20A, Q20B, ..., Q20I

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	********	116.7	116.2	114.4	111.3	108.2	104.9	101.6	98.2	94.6	90.9	83.0	64.3	37.1
2	********	82.6	82.1	80.9	78.7	76.5	74.2	71.9	69.4	66.9	64.3	58.7	45.4	26.2
3	********	67.4	67.1	66.0	64.3	62.5	60.6	58.7	56.7	54.6	52.5	47.9	37.1	21.4
4	********	58.4	58.1	57.2	55.7	54.1	52.5	50.8	49.1	47.3	45.4	41.5	32.1	18.6
5	********	52.2	51.9	51.1	49.8	48.4	46.9	45.4	43.9	42.3	40.6	37.1	28.7	16.6
6	**********	47.4	46.7	45.4	44.2	42.8	41.5	40.1	38.6	37.1	33.9	26.2	15.1	
7	**********	43.9	43.2	42.1	40.9	39.7	38.4	37.1	35.8	34.4	31.4	24.3	14.0	
8	**********	41.1	40.4	39.4	38.2	37.1	35.9	34.7	33.4	32.1	29.3	22.7	13.1	
9	**********	38.7	38.1	37.1	36.1	35.0	33.9	32.7	31.5	30.3	27.7	21.4	12.4	
10	**********	36.7	36.2	35.2	34.2	33.2	32.1	31.0	29.9	28.7	26.2	20.3	11.7	
11	**********	35.0	34.5	33.6	32.6	31.6	30.6	29.6	28.5	27.4	25.0	19.4	11.2	
12	**********	33.0	32.1	31.2	30.3	29.3	28.3	27.3	26.2	24.0	18.6	10.7		
13	**********	31.7	30.9	30.0	29.1	28.2	27.2	26.2	25.2	23.0	17.8	10.3		
14	**********	30.6	29.7	28.9	28.0	27.2	26.2	25.3	24.3	22.2	17.2	9.9		
15	**********	29.5	28.7	27.9	27.1	26.2	25.3	24.4	23.5	21.4	16.6	9.6		
16	**********	28.6	27.8	27.0	26.2	25.4	24.5	23.6	22.7	20.7	16.1	9.3		
17	**********	27.7	27.0	26.2	25.5	24.6	23.8	22.9	22.0	20.1	15.6	9.0		
18	**********	27.0	26.2	25.5	24.7	24.0	23.1	22.3	21.4	19.6	15.1	8.7		
19	**********	26.2	25.5	24.8	24.1	23.3	22.5	21.7	20.9	19.0	14.7	8.5		
20	**********	25.6	24.9	24.2	23.5	22.7	22.0	21.2	20.3	18.6	14.4	8.3		
21	**********	25.0	24.3	23.6	22.9	22.2	21.4	20.6	19.8	18.1	14.0	8.1		
22	**********	24.4	23.7	23.1	22.4	21.7	20.9	20.2	19.4	17.7	13.7	7.9		
23	**********	23.8	23.2	22.6	21.9	21.2	20.5	19.7	19.0	17.3	13.4	7.7		
24	**********	23.3	22.7	22.1	21.4	20.7	20.0	19.3	18.6	16.9	13.1	7.6		
25	**********	22.9	22.3	21.6	21.0	20.3	19.6	18.9	18.2	16.6	12.9	7.4		
30	**********	20.3	19.8	19.2	18.6	17.9	17.3	16.6	15.1	11.7	6.8			
35	**********	18.8	18.3	17.7	17.2	16.6	16.0	15.4	14.0	10.9	6.3			
40	**********	17.6	17.1	16.6	16.1	15.5	15.0	14.4	13.1	10.2	5.9			
45	**********	16.6	16.1	15.6	15.1	14.6	14.1	13.5	12.4	9.6	5.5			
50	**********	15.7	15.3	14.8	14.4	13.9	13.4	12.9	11.7	9.1	5.2			
55	**********	15.0	14.6	14.2	13.7	13.2	12.8	12.3	11.2	8.7	5.0			
60	**********	14.0	13.5	13.1	12.7	12.2	11.7	10.7	8.3	4.8				
65	**********	13.4	13.0	12.6	12.2	11.7	11.3	10.3	8.0	4.6				
70	**********	12.9	12.5	12.1	11.7	11.3	10.9	9.9	7.7	4.4				
75	**********	12.5	12.1	11.7	11.3	10.9	10.5	9.6	7.4	4.3				
80	**********	12.1	11.7	11.4	11.0	10.6	10.2	9.3	7.2	4.1				
85	**********	11.4	11.0	10.6	10.3	9.9	9.0	7.0	4.0					
90	**********	11.1	10.7	10.3	10.0	9.6	8.7	6.8	3.9					
95	**********	10.8	10.4	10.1	9.7	9.3	8.5	6.6	3.8					
100	**********	10.5	10.2	9.8	9.5	9.1	8.3	6.4	3.7					
125	**********	9.1	8.8	8.5	8.1	7.4	5.7	3.3						
150	**********	8.0	7.7	7.4	6.8	5.2	3.0							
200	**********	6.4	5.9	4.5	2.6									
250	**********	5.2	4.1	2.3										
300	**********	3.7	2.1											
350	**********	3.4	2.0											
400	**********	1.9												
450	**********	1.7												
500	**********	1.7												

NOTE: FOR CORRECT USAGE OF THESE TABLES PLEASE REFER TO MICRODATA DOCUMENTATION

National Private Vehicle Use Survey - 1996
Approximate Sampling Variability Tables for Saskatchewan
Applicable to Background Questionnaire Categorical Fleet-Level Variables
Q6-Q14, Q16A, Q16B, Q16C, Q17-Q19, Q20A, Q20B, ..., Q20I

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	********	113.8	113.2	111.5	108.5	105.5	102.3	99.1	95.7	92.2	88.6	80.9	62.7	36.2
2	********	80.5	80.1	78.8	76.7	74.6	72.3	70.1	67.7	65.2	62.7	57.2	44.3	25.6
3	********	65.7	65.4	64.4	62.7	60.9	59.1	57.2	55.3	53.2	51.2	46.7	36.2	20.9
4	********	56.9	56.6	55.7	54.3	52.7	51.2	49.5	47.9	46.1	44.3	40.4	31.3	18.1
5	********	50.9	50.6	49.9	48.5	47.2	45.8	44.3	42.8	41.2	39.6	36.2	28.0	16.2
6	**********	46.2	45.5	44.3	43.1	41.8	40.4	39.1	37.7	36.2	33.0	25.6	14.8	
7	**********	42.8	42.1	41.0	39.9	38.7	37.4	36.2	34.9	33.5	30.6	23.7	13.7	
8	**********	40.0	39.4	38.4	37.3	36.2	35.0	33.8	32.6	31.3	28.6	22.2	12.8	
9	**********	37.7	37.2	36.2	35.2	34.1	33.0	31.9	30.7	29.5	27.0	20.9	12.1	
10	**********	35.8	35.3	34.3	33.4	32.4	31.3	30.3	29.2	28.0	25.6	19.8	11.4	
11	**********	33.6	32.7	31.8	30.9	29.9	28.9	27.8	26.7	24.4	18.9	10.9		
12	**********	32.2	31.3	30.4	29.5	28.6	27.6	26.6	25.6	23.4	18.1	10.4		
13	**********	30.9	30.1	29.3	28.4	27.5	26.5	25.6	24.6	22.4	17.4	10.0		
14	**********	29.8	29.0	28.2	27.3	26.5	25.6	24.6	23.7	21.6	16.7	9.7		
15	**********	28.8	28.0	27.2	26.4	25.6	24.7	23.8	22.9	20.9	16.2	9.3		
16	**********	27.9	27.1	26.4	25.6	24.8	23.9	23.1	22.2	20.2	15.7	9.0		
17	**********	27.0	26.3	25.6	24.8	24.0	23.2	22.4	21.5	19.6	15.2	8.8		
18	**********	26.3	25.6	24.9	24.1	23.4	22.6	21.7	20.9	19.1	14.8	8.5		
19	**********	25.6	24.9	24.2	23.5	22.7	22.0	21.2	20.3	18.6	14.4	8.3		
20	**********	24.9	24.3	23.6	22.9	22.2	21.4	20.6	19.8	18.1	14.0	8.1		
21	**********	24.3	23.7	23.0	22.3	21.6	20.9	20.1	19.3	17.7	13.7	7.9		
22	**********	23.8	23.1	22.5	21.8	21.1	20.4	19.7	18.9	17.2	13.4	7.7		
23	**********	23.2	22.6	22.0	21.3	20.7	20.0	19.2	18.5	16.9	13.1	7.5		
24	**********	22.8	22.2	21.5	20.9	20.2	19.5	18.8	18.1	16.5	12.8	7.4		
25	**********	22.3	21.7	21.1	20.5	19.8	19.1	18.4	17.7	16.2	12.5	7.2		
30	**********	19.8	19.3	18.7	18.1	17.5	16.8	16.2	14.8	11.4	6.6			
35	**********	18.3	17.8	17.3	16.7	16.2	15.6	15.0	13.7	10.6	6.1			
40	**********	17.2	16.7	16.2	15.7	15.1	14.6	14.0	12.8	9.9	5.7			
45	**********	16.2	15.7	15.3	14.8	14.3	13.7	13.2	12.1	9.3	5.4			
50	**********	15.3	14.9	14.5	14.0	13.5	13.0	12.5	11.4	8.9	5.1			
55	**********	14.2	13.8	13.4	12.9	12.4	11.9	10.9	8.4	4.9				
60	**********	13.6	13.2	12.8	12.4	11.9	11.4	10.4	8.1	4.7				
65	**********	13.1	12.7	12.3	11.9	11.4	11.0	10.0	7.8	4.5				
70	**********	12.6	12.2	11.8	11.4	11.0	10.6	9.7	7.5	4.3				
75	**********	12.2	11.8	11.4	11.1	10.6	10.2	9.3	7.2	4.2				
80	**********	11.8	11.4	11.1	10.7	10.3	9.9	9.0	7.0	4.0				
85	**********	11.1	10.7	10.4	10.0	9.6	8.8	6.8	3.9					
90	**********	10.8	10.4	10.1	9.7	9.3	8.5	6.6	3.8					
95	**********	10.5	10.2	9.8	9.5	9.1	8.3	6.4	3.7					
100	**********	10.2	9.9	9.6	9.2	8.9	8.1	6.3	3.6					
125	**********	8.9	8.6	8.2	7.9	7.2	5.6	3.2						
150	**********	7.8	7.5	7.2	6.6	5.1	3.0							
200	**********	6.3	5.7	4.4	2.6									
250	**********	5.1	4.0	2.3										
300	**********	3.6	2.1											
350	**********	3.3	1.9											
400	**********	1.8												
450	**********	1.7												

NOTE: FOR CORRECT USAGE OF THESE TABLES PLEASE REFER TO MICRODATA DOCUMENTATION

National Private Vehicle Use Survey - 1996
Approximate Sampling Variability Tables for Alberta
Applicable to Background Questionnaire Categorical Fleet-Level Variables
Q6-Q14, Q16A, Q16B, Q16C, Q17-Q19, Q20A, Q20B, ..., Q20I

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	170.2	169.4	168.6	166.0	161.5	157.0	152.3	147.5	142.5	137.3	131.9	120.4	93.3	53.8
2	********	119.8	119.2	117.3	114.2	111.0	107.7	104.3	100.7	97.1	93.3	85.1	65.9	38.1
3	********	97.8	97.3	95.8	93.3	90.6	87.9	85.1	82.2	79.3	76.1	69.5	53.8	31.1
4	********	84.7	84.3	83.0	80.8	78.5	76.1	73.7	71.2	68.6	65.9	60.2	46.6	26.9
5	********	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
6	********	69.2	68.8	67.7	65.9	64.1	62.2	60.2	58.2	56.0	53.8	49.2	38.1	22.0
7	********	64.0	63.7	62.7	61.1	59.3	57.6	55.7	53.8	51.9	49.8	45.5	35.2	20.4
8	********	59.9	59.6	58.7	57.1	55.5	53.8	52.1	50.4	48.5	46.6	42.6	33.0	19.0
9	********	56.5	56.2	55.3	53.8	52.3	50.8	49.2	47.5	45.8	44.0	40.1	31.1	17.9
10	********	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
11	********	51.1	50.8	50.0	48.7	47.3	45.9	44.5	43.0	41.4	39.8	36.3	28.1	16.2
12	********	48.9	48.7	47.9	46.6	45.3	44.0	42.6	41.1	39.6	38.1	34.8	26.9	15.5
13	********	47.0	46.7	46.0	44.8	43.5	42.2	40.9	39.5	38.1	36.6	33.4	25.9	14.9
14	********	45.3	45.0	44.4	43.2	42.0	40.7	39.4	38.1	36.7	35.2	32.2	24.9	14.4
15	********	43.7	43.5	42.8	41.7	40.5	39.3	38.1	36.8	35.4	34.1	31.1	24.1	13.9
16	**********	42.1	41.5	40.4	39.2	38.1	36.9	35.6	34.3	33.0	30.1	23.3	13.5	
17	**********	40.9	40.2	39.2	38.1	36.9	35.8	34.5	33.3	32.0	29.2	22.6	13.1	
18	**********	39.7	39.1	38.1	37.0	35.9	34.8	33.6	32.4	31.1	28.4	22.0	12.7	
19	**********	38.7	38.1	37.1	36.0	34.9	33.8	32.7	31.5	30.3	27.6	21.4	12.4	
20	**********	37.7	37.1	36.1	35.1	34.1	33.0	31.9	30.7	29.5	26.9	20.9	12.0	
21	**********	36.8	36.2	35.2	34.3	33.2	32.2	31.1	30.0	28.8	26.3	20.4	11.7	
22	**********	35.9	35.4	34.4	33.5	32.5	31.4	30.4	29.3	28.1	25.7	19.9	11.5	
23	**********	35.1	34.6	33.7	32.7	31.8	30.7	29.7	28.6	27.5	25.1	19.4	11.2	
24	**********	34.4	33.9	33.0	32.0	31.1	30.1	29.1	28.0	26.9	24.6	19.0	11.0	
25	**********	33.7	33.2	32.3	31.4	30.5	29.5	28.5	27.5	26.4	24.1	18.7	10.8	
30	**********	30.8	30.3	29.5	28.7	27.8	26.9	26.0	25.1	24.1	22.0	17.0	9.8	
35	**********	28.1	27.3	26.5	25.7	24.9	24.1	23.2	22.3	20.4	15.8	9.1		
40	**********	26.2	25.5	24.8	24.1	23.3	22.5	21.7	20.9	19.0	14.7	8.5		
45	**********	24.7	24.1	23.4	22.7	22.0	21.2	20.5	19.7	17.9	13.9	8.0		
50	**********	23.5	22.8	22.2	21.5	20.9	20.1	19.4	18.7	17.0	13.2	7.6		
55	**********	22.4	21.8	21.2	20.5	19.9	19.2	18.5	17.8	16.2	12.6	7.3		
60	**********	21.4	20.9	20.3	19.7	19.0	18.4	17.7	17.0	15.5	12.0	7.0		
65	**********	20.6	20.0	19.5	18.9	18.3	17.7	17.0	16.4	14.9	11.6	6.7		
70	**********	19.8	19.3	18.8	18.2	17.6	17.0	16.4	15.8	14.4	11.1	6.4		
75	**********	19.2	18.7	18.1	17.6	17.0	16.4	15.9	15.2	13.9	10.8	6.2		
80	**********	18.1	17.6	17.0	16.5	15.9	15.3	14.7	13.5	10.4	6.0			
85	**********	17.5	17.0	16.5	16.0	15.5	14.9	14.3	13.1	10.1	5.8			
90	**********	17.0	16.5	16.1	15.5	15.0	14.5	13.9	12.7	9.8	5.7			
95	**********	16.6	16.1	15.6	15.1	14.6	14.1	13.5	12.4	9.6	5.5			
100	**********	16.2	15.7	15.2	14.7	14.2	13.7	13.2	12.0	9.3	5.4			
125	**********	14.4	14.0	13.6	13.2	12.7	12.3	11.8	10.8	8.3	4.8			
150	**********	13.2	12.8	12.4	12.0	11.6	11.2	10.8	9.8	7.6	4.4			
200	**********	11.1	10.8	10.4	10.1	9.7	9.3	8.5	6.6	3.8				
250	**********	9.6	9.3	9.0	8.7	8.3	7.6	5.9	3.4					
300	**********	8.8	8.5	8.2	7.9	7.6	7.0	5.4	3.1					
350	**********	7.9	7.6	7.3	7.0	6.4	5.0	2.9						
400	**********	7.1	6.9	6.6	6.0	4.7	2.7							
450	**********	6.7	6.5	6.2	5.7	4.4	2.5							
500	**********	6.1	5.9	5.4	4.2	2.4								
750	**********	4.4	3.4	2.0										
1000	**********	2.9	1.7											

NOTE: FOR CORRECT USAGE OF THESE TABLES PLEASE REFER TO MICRODATA DOCUMENTATION

National Private Vehicle Use Survey - 1996
Approximate Sampling Variability Tables for British Columbia
Applicable to Background Questionnaire Categorical Fleet-Level Variables
Q6-Q14, Q16A, Q16B, Q16C, Q17-Q19, Q20A, Q20B, ..., Q20I

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	217.9	216.9	215.8	212.5	206.8	201.0	195.0	188.8	182.4	175.8	168.9	154.2	119.4	68.9
2	154.1	153.4	152.6	150.2	146.2	142.1	137.9	133.5	129.0	124.3	119.4	109.0	84.4	48.7
3	********	125.2	124.6	122.7	119.4	116.0	112.6	109.0	105.3	101.5	97.5	89.0	68.9	39.8
4	********	108.5	107.9	106.2	103.4	100.5	97.5	94.4	91.2	87.9	84.4	77.1	59.7	34.5
5	********	97.0	96.5	95.0	92.5	89.9	87.2	84.4	81.6	78.6	75.5	68.9	53.4	30.8
6	********	88.6	88.1	86.7	84.4	82.1	79.6	77.1	74.5	71.8	68.9	62.9	48.7	28.1
7	********	82.0	81.6	80.3	78.2	76.0	73.7	71.4	68.9	66.4	63.8	58.3	45.1	26.1
8	********	76.7	76.3	75.1	73.1	71.1	68.9	66.7	64.5	62.1	59.7	54.5	42.2	24.4
9	********	72.3	71.9	70.8	68.9	67.0	65.0	62.9	60.8	58.6	56.3	51.4	39.8	23.0
10	********	68.6	68.2	67.2	65.4	63.6	61.7	59.7	57.7	55.6	53.4	48.7	37.8	21.8
11	********	65.4	65.1	64.1	62.4	60.6	58.8	56.9	55.0	53.0	50.9	46.5	36.0	20.8
12	********	62.6	62.3	61.3	59.7	58.0	56.3	54.5	52.7	50.7	48.7	44.5	34.5	19.9
13	********	60.2	59.9	58.9	57.4	55.7	54.1	52.4	50.6	48.7	46.8	42.8	33.1	19.1
14	********	58.0	57.7	56.8	55.3	53.7	52.1	50.5	48.7	47.0	45.1	41.2	31.9	18.4
15	********	56.0	55.7	54.9	53.4	51.9	50.3	48.7	47.1	45.4	43.6	39.8	30.8	17.8
16	********	54.2	54.0	53.1	51.7	50.2	48.7	47.2	45.6	43.9	42.2	38.5	29.9	17.2
17	********	52.6	52.3	51.5	50.2	48.7	47.3	45.8	44.2	42.6	41.0	37.4	29.0	16.7
18	********	51.1	50.9	50.1	48.7	47.4	46.0	44.5	43.0	41.4	39.8	36.3	28.1	16.2
19	********	49.8	49.5	48.7	47.4	46.1	44.7	43.3	41.8	40.3	38.7	35.4	27.4	15.8
20	********	48.5	48.3	47.5	46.2	44.9	43.6	42.2	40.8	39.3	37.8	34.5	26.7	15.4
21	**********	47.1	46.4	45.1	43.9	42.6	41.2	39.8	38.4	36.8	33.6	26.1	15.0	
22	**********	46.0	45.3	44.1	42.9	41.6	40.3	38.9	37.5	36.0	32.9	25.5	14.7	
23	**********	45.0	44.3	43.1	41.9	40.7	39.4	38.0	36.6	35.2	32.1	24.9	14.4	
24	**********	44.1	43.4	42.2	41.0	39.8	38.5	37.2	35.9	34.5	31.5	24.4	14.1	
25	**********	43.2	42.5	41.4	40.2	39.0	37.8	36.5	35.2	33.8	30.8	23.9	13.8	
30	**********	39.4	38.8	37.8	36.7	35.6	34.5	33.3	32.1	30.8	28.1	21.8	12.6	
35	**********	36.5	35.9	35.0	34.0	33.0	31.9	30.8	29.7	28.5	26.1	20.2	11.7	
40	**********	34.1	33.6	32.7	31.8	30.8	29.9	28.8	27.8	26.7	24.4	18.9	10.9	
45	**********	31.7	30.8	30.0	29.1	28.1	27.2	26.2	25.2	23.0	17.8	10.3		
50	**********	30.0	29.2	28.4	27.6	26.7	25.8	24.9	23.9	21.8	16.9	9.7		
55	**********	28.7	27.9	27.1	26.3	25.5	24.6	23.7	22.8	20.8	16.1	9.3		
60	**********	27.4	26.7	25.9	25.2	24.4	23.5	22.7	21.8	19.9	15.4	8.9		
65	**********	26.4	25.7	24.9	24.2	23.4	22.6	21.8	20.9	19.1	14.8	8.6		
70	**********	25.4	24.7	24.0	23.3	22.6	21.8	21.0	20.2	18.4	14.3	8.2		
75	**********	24.5	23.9	23.2	22.5	21.8	21.1	20.3	19.5	17.8	13.8	8.0		
80	**********	23.8	23.1	22.5	21.8	21.1	20.4	19.7	18.9	17.2	13.3	7.7		
85	**********	23.0	22.4	21.8	21.1	20.5	19.8	19.1	18.3	16.7	13.0	7.5		
90	**********	22.4	21.8	21.2	20.6	19.9	19.2	18.5	17.8	16.2	12.6	7.3		
95	**********	21.8	21.2	20.6	20.0	19.4	18.7	18.0	17.3	15.8	12.3	7.1		
100	**********	21.2	20.7	20.1	19.5	18.9	18.2	17.6	16.9	15.4	11.9	6.9		
125	**********	18.5	18.0	17.4	16.9	16.3	15.7	15.1	13.8	10.7	6.2			
150	**********	16.9	16.4	15.9	15.4	14.9	14.4	13.8	12.6	9.7	5.6			
200	**********	14.6	14.2	13.8	13.3	12.9	12.4	11.9	10.9	8.4	4.9			
250	**********	12.7	12.3	11.9	11.5	11.1	10.7	9.7	7.6	4.4				
300	**********	11.6	11.3	10.9	10.5	10.1	9.7	8.9	6.9	4.0				
350	**********	10.4	10.1	9.7	9.4	9.0	8.2	6.4	3.7					
400	**********	9.7	9.4	9.1	8.8	8.4	7.7	6.0	3.4					
450	**********	8.9	8.6	8.3	8.0	7.3	5.6	3.2						
500	**********	8.4	8.2	7.9	7.6	6.9	5.3	3.1						
750	**********	6.2	5.6	4.4	2.5									
1000	**********	4.9	3.8	2.2										
1500	**********	1.8												

NOTE: FOR CORRECT USAGE OF THESE TABLES PLEASE REFER TO MICRODATA DOCUMENTATION

National Private Vehicle Use Survey - 1996
Approximate Sampling Variability Tables for Atlantic
Applicable to Background Questionnaire Categorical Fleet-Level Variables
Q6-Q14, Q16A, Q16B, Q16C, Q17-Q19, Q20A, Q20B, ..., Q20I

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	106.6	106.1	105.5	103.9	101.1	98.3	95.4	92.3	89.2	85.9	82.6	75.4	58.4	33.7
2	********	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
3	********	61.2	60.9	60.0	58.4	56.7	55.1	53.3	51.5	49.6	47.7	43.5	33.7	19.5
4	********	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
5	********	47.4	47.2	46.5	45.2	44.0	42.6	41.3	39.9	38.4	36.9	33.7	26.1	15.1
6	********	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
7	********	40.1	39.9	39.3	38.2	37.1	36.0	34.9	33.7	32.5	31.2	28.5	22.1	12.7
8	********	37.5	37.3	36.7	35.8	34.7	33.7	32.6	31.5	30.4	29.2	26.7	20.6	11.9
9	********	35.4	35.2	34.6	33.7	32.8	31.8	30.8	29.7	28.6	27.5	25.1	19.5	11.2
10	********	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
11	********	32.0	31.8	31.3	30.5	29.6	28.7	27.8	26.9	25.9	24.9	22.7	17.6	10.2
12	**********	30.5	30.0	29.2	28.4	27.5	26.7	25.7	24.8	23.8	21.8	16.9	9.7
13	**********	29.3	28.8	28.1	27.3	26.4	25.6	24.7	23.8	22.9	20.9	16.2	9.4
14	**********	28.2	27.8	27.0	26.3	25.5	24.7	23.8	23.0	22.1	20.1	15.6	9.0
15	**********	27.2	26.8	26.1	25.4	24.6	23.8	23.0	22.2	21.3	19.5	15.1	8.7
16	**********	26.4	26.0	25.3	24.6	23.8	23.1	22.3	21.5	20.6	18.8	14.6	8.4
17	**********	25.6	25.2	24.5	23.8	23.1	22.4	21.6	20.8	20.0	18.3	14.2	8.2
18	**********	24.9	24.5	23.8	23.2	22.5	21.8	21.0	20.3	19.5	17.8	13.8	7.9
19	**********	24.2	23.8	23.2	22.5	21.9	21.2	20.5	19.7	18.9	17.3	13.4	7.7
20	**********	23.6	23.2	22.6	22.0	21.3	20.6	19.9	19.2	18.5	16.9	13.1	7.5
21	**********	23.0	22.7	22.1	21.4	20.8	20.1	19.5	18.8	18.0	16.4	12.7	7.4
22	**********	22.5	22.2	21.6	21.0	20.3	19.7	19.0	18.3	17.6	16.1	12.4	7.2
23	**********	22.0	21.7	21.1	20.5	19.9	19.3	18.6	17.9	17.2	15.7	12.2	7.0
24	**********	21.2	20.6	20.1	19.5	18.8	18.2	17.5	16.9	15.4	11.9	6.9
25	**********	20.8	20.2	19.7	19.1	18.5	17.8	17.2	16.5	15.1	11.7	6.7
30	**********	19.0	18.5	17.9	17.4	16.9	16.3	15.7	15.1	13.8	10.7	6.2
35	**********	17.6	17.1	16.6	16.1	15.6	15.1	14.5	14.0	12.7	9.9	5.7
40	**********	16.4	16.0	15.5	15.1	14.6	14.1	13.6	13.1	11.9	9.2	5.3
45	**********	15.5	15.1	14.7	14.2	13.8	13.3	12.8	12.3	11.2	8.7	5.0
50	**********	14.7	14.3	13.9	13.5	13.1	12.6	12.2	11.7	10.7	8.3	4.8
55	**********	14.0	13.6	13.3	12.9	12.4	12.0	11.6	11.1	10.2	7.9	4.5
60	**********	13.1	12.7	12.3	11.9	11.5	11.1	10.7	9.7	7.5	4.4
65	**********	12.5	12.2	11.8	11.5	11.1	10.7	10.2	9.4	7.2	4.2
70	**********	12.1	11.7	11.4	11.0	10.7	10.3	9.9	9.0	7.0	4.0
75	**********	11.7	11.3	11.0	10.7	10.3	9.9	9.5	8.7	6.7	3.9
80	**********	11.3	11.0	10.7	10.3	10.0	9.6	9.2	8.4	6.5	3.8
85	**********	11.0	10.7	10.3	10.0	9.7	9.3	9.0	8.2	6.3	3.7
90	**********	10.7	10.4	10.1	9.7	9.4	9.1	8.7	7.9	6.2	3.6
95	**********	10.4	10.1	9.8	9.5	9.2	8.8	8.5	7.7	6.0	3.5
100	**********	10.1	9.8	9.5	9.2	8.9	8.6	8.3	7.5	5.8	3.4
125	**********	8.8	8.5	8.3	8.0	7.7	7.4	6.7	5.2	3.0
150	**********	8.0	7.8	7.5	7.3	7.0	6.7	6.2	4.8	2.8
200	**********	6.7	6.5	6.3	6.1	5.8	5.3	4.1	2.4
250	**********	5.8	5.6	5.4	5.2	4.8	3.7	2.1
300	**********	5.1	5.0	4.8	4.4	3.4	1.9
350	**********	4.6	4.4	4.0	3.1	1.8
400	**********	4.3	4.1	3.8	2.9	1.7
450	**********	3.9	3.6	2.8	1.6
500	**********	3.4	2.6	1.5
750	**********	2.1	1.2
1000	**********	1.1

NOTE: FOR CORRECT USAGE OF THESE TABLES PLEASE REFER TO MICRODATA DOCUMENTATION

National Private Vehicle Use Survey - 1996
Approximate Sampling Variability Tables for Prairies
Applicable to Background Questionnaire Categorical Fleet-Level Variables
Q6-Q14, Q16A, Q16B, Q16C, Q17-Q19, Q20A, Q20B, ..., Q20I

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	157.3	156.5	155.8	153.3	149.3	145.1	140.7	136.3	131.6	126.8	121.9	111.3	86.2	49.8
2	111.2	110.7	110.1	108.4	105.5	102.6	99.5	96.3	93.1	89.7	86.2	78.7	60.9	35.2
3	********	90.4	89.9	88.5	86.2	83.7	81.2	78.7	76.0	73.2	70.4	64.2	49.8	28.7
4	********	78.3	77.9	76.7	74.6	72.5	70.4	68.1	65.8	63.4	60.9	55.6	43.1	24.9
5	********	70.0	69.7	68.6	66.8	64.9	62.9	60.9	58.9	56.7	54.5	49.8	38.5	22.3
6	********	63.9	63.6	62.6	60.9	59.2	57.4	55.6	53.7	51.8	49.8	45.4	35.2	20.3
7	********	59.2	58.9	58.0	56.4	54.8	53.2	51.5	49.8	47.9	46.1	42.0	32.6	18.8
8	********	55.3	55.1	54.2	52.8	51.3	49.8	48.2	46.5	44.8	43.1	39.3	30.5	17.6
9	********	52.2	51.9	51.1	49.8	48.4	46.9	45.4	43.9	42.3	40.6	37.1	28.7	16.6
10	********	49.5	49.3	48.5	47.2	45.9	44.5	43.1	41.6	40.1	38.5	35.2	27.3	15.7
11	********	47.2	47.0	46.2	45.0	43.7	42.4	41.1	39.7	38.2	36.7	33.5	26.0	15.0
12	********	45.2	45.0	44.3	43.1	41.9	40.6	39.3	38.0	36.6	35.2	32.1	24.9	14.4
13	********	43.4	43.2	42.5	41.4	40.2	39.0	37.8	36.5	35.2	33.8	30.9	23.9	13.8
14	********	41.8	41.6	41.0	39.9	38.8	37.6	36.4	35.2	33.9	32.6	29.7	23.0	13.3
15	********	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
16	********	39.1	38.9	38.3	37.3	36.3	35.2	34.1	32.9	31.7	30.5	27.8	21.5	12.4
17	********	38.0	37.8	37.2	36.2	35.2	34.1	33.0	31.9	30.8	29.6	27.0	20.9	12.1
18	********	36.9	36.7	36.1	35.2	34.2	33.2	32.1	31.0	29.9	28.7	26.2	20.3	11.7
19	********	35.9	35.7	35.2	34.2	33.3	32.3	31.3	30.2	29.1	28.0	25.5	19.8	11.4
20	********	35.0	34.8	34.3	33.4	32.4	31.5	30.5	29.4	28.4	27.3	24.9	19.3	11.1
21	********	34.2	34.0	33.5	32.6	31.7	30.7	29.7	28.7	27.7	26.6	24.3	18.8	10.9
22	********	33.4	33.2	32.7	31.8	30.9	30.0	29.0	28.1	27.0	26.0	23.7	18.4	10.6
23	********	32.6	32.5	32.0	31.1	30.2	29.3	28.4	27.4	26.4	25.4	23.2	18.0	10.4
24	********	32.0	31.8	31.3	30.5	29.6	28.7	27.8	26.9	25.9	24.9	22.7	17.6	10.2
25	********	31.3	31.2	30.7	29.9	29.0	28.1	27.3	26.3	25.4	24.4	22.3	17.2	10.0
30	**********	28.4	28.0	27.3	26.5	25.7	24.9	24.0	23.2	22.3	20.3	15.7	9.1	
35	**********	26.3	25.9	25.2	24.5	23.8	23.0	22.3	21.4	20.6	18.8	14.6	8.4	
40	**********	24.6	24.2	23.6	22.9	22.3	21.5	20.8	20.1	19.3	17.6	13.6	7.9	
45	**********	23.2	22.9	22.3	21.6	21.0	20.3	19.6	18.9	18.2	16.6	12.8	7.4	
50	**********	22.0	21.7	21.1	20.5	19.9	19.3	18.6	17.9	17.2	15.7	12.2	7.0	
55	**********	20.7	20.1	19.6	19.0	18.4	17.7	17.1	16.4	15.0	11.6	6.7		
60	**********	19.8	19.3	18.7	18.2	17.6	17.0	16.4	15.7	14.4	11.1	6.4		
65	**********	19.0	18.5	18.0	17.5	16.9	16.3	15.7	15.1	13.8	10.7	6.2		
70	**********	18.3	17.8	17.3	16.8	16.3	15.7	15.2	14.6	13.3	10.3	5.9		
75	**********	17.7	17.2	16.7	16.2	15.7	15.2	14.6	14.1	12.8	10.0	5.7		
80	**********	17.1	16.7	16.2	15.7	15.2	14.7	14.2	13.6	12.4	9.6	5.6		
85	**********	16.6	16.2	15.7	15.3	14.8	14.3	13.8	13.2	12.1	9.3	5.4		
90	**********	16.2	15.7	15.3	14.8	14.4	13.9	13.4	12.8	11.7	9.1	5.2		
95	**********	15.7	15.3	14.9	14.4	14.0	13.5	13.0	12.5	11.4	8.8	5.1		
100	**********	15.3	14.9	14.5	14.1	13.6	13.2	12.7	12.2	11.1	8.6	5.0		
125	**********	13.7	13.4	13.0	12.6	12.2	11.8	11.3	10.9	10.0	7.7	4.5		
150	**********	12.2	11.8	11.5	11.1	10.7	10.4	10.0	9.1	7.0	4.1			
200	**********	10.6	10.3	10.0	9.6	9.3	9.0	8.6	7.9	6.1	3.5			
250	**********	9.4	9.2	8.9	8.6	8.3	8.0	7.7	7.0	5.5	3.1			
300	**********	8.4	8.1	7.9	7.6	7.3	7.0	6.4	5.0	2.9				
350	**********	7.8	7.5	7.3	7.0	6.8	6.5	5.9	4.6	2.7				
400	**********	7.3	7.0	6.8	6.6	6.3	6.1	5.6	4.3	2.5				
450	**********	6.6	6.4	6.2	6.0	5.7	5.2	4.1	2.3					
500	**********	6.3	6.1	5.9	5.7	5.5	5.0	3.9	2.2					
750	**********	4.8	4.6	4.5	4.1	3.1	1.8							
1000	**********	3.9	3.5	2.7	1.6									
1500	**********	2.2	1.3											
2000	**********	1.1												

NOTE: FOR CORRECT USAGE OF THESE TABLES PLEASE REFER TO MICRODATA DOCUMENTATION

National Private Vehicle Use Survey - 1996
Approximate Sampling Variability Tables for Canada
Applicable to Background Questionnaire Categorical Selected Vehicle-Level Variables
Q22, Q23, Q24, Q24A, Q27-Q31

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	268.5	267.3	266.0	261.9	254.9	247.7	240.3	232.7	224.8	216.6	208.1	190.0	147.2	85.0
2	189.9	189.0	188.1	185.2	180.2	175.2	169.9	164.5	158.9	153.2	147.2	134.3	104.1	60.1
3	155.0	154.3	153.6	151.2	147.2	143.0	138.7	134.3	129.8	125.1	120.2	109.7	85.0	49.1
4	134.3	133.7	133.0	130.9	127.4	123.9	120.2	116.3	112.4	108.3	104.1	95.0	73.6	42.5
5	120.1	119.6	118.9	117.1	114.0	110.8	107.5	104.1	100.5	96.9	93.1	85.0	65.8	38.0
6	109.6	109.1	108.6	106.9	104.1	101.1	98.1	95.0	91.8	88.4	85.0	77.6	60.1	34.7
7	101.5	101.0	100.5	99.0	96.3	93.6	90.8	87.9	85.0	81.9	78.7	71.8	55.6	32.1
8	94.9	94.5	94.0	92.6	90.1	87.6	85.0	82.3	79.5	76.6	73.6	67.2	52.0	30.0
9	89.5	89.1	88.7	87.3	85.0	82.6	80.1	77.6	74.9	72.2	69.4	63.3	49.1	28.3
10	84.9	84.5	84.1	82.8	80.6	78.3	76.0	73.6	71.1	68.5	65.8	60.1	46.5	26.9
11	81.0	80.6	80.2	79.0	76.9	74.7	72.5	70.2	67.8	65.3	62.7	57.3	44.4	25.6
12	77.5	77.2	76.8	75.6	73.6	71.5	69.4	67.2	64.9	62.5	60.1	54.8	42.5	24.5
13	74.5	74.1	73.8	72.6	70.7	68.7	66.6	64.5	62.3	60.1	57.7	52.7	40.8	23.6
14	71.8	71.4	71.1	70.0	68.1	66.2	64.2	62.2	60.1	57.9	55.6	50.8	39.3	22.7
15	********	69.0	68.7	67.6	65.8	64.0	62.0	60.1	58.0	55.9	53.7	49.1	38.0	21.9
16	********	66.8	66.5	65.5	63.7	61.9	60.1	58.2	56.2	54.2	52.0	47.5	36.8	21.2
17	********	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
18	********	63.0	62.7	61.7	60.1	58.4	56.6	54.8	53.0	51.1	49.1	44.8	34.7	20.0
19	********	61.3	61.0	60.1	58.5	56.8	55.1	53.4	51.6	49.7	47.7	43.6	33.8	19.5
20	********	59.8	59.5	58.6	57.0	55.4	53.7	52.0	50.3	48.4	46.5	42.5	32.9	19.0
21	********	58.3	58.0	57.1	55.6	54.1	52.4	50.8	49.1	47.3	45.4	41.5	32.1	18.5
22	********	57.0	56.7	55.8	54.3	52.8	51.2	49.6	47.9	46.2	44.4	40.5	31.4	18.1
23	********	55.7	55.5	54.6	53.1	51.6	50.1	48.5	46.9	45.2	43.4	39.6	30.7	17.7
24	********	54.6	54.3	53.5	52.0	50.6	49.1	47.5	45.9	44.2	42.5	38.8	30.0	17.3
25	********	53.5	53.2	52.4	51.0	49.5	48.1	46.5	45.0	43.3	41.6	38.0	29.4	17.0
30	********	48.8	48.6	47.8	46.5	45.2	43.9	42.5	41.0	39.5	38.0	34.7	26.9	15.5
35	********	45.2	45.0	44.3	43.1	41.9	40.6	39.3	38.0	36.6	35.2	32.1	24.9	14.4
40	********	42.3	42.1	41.4	40.3	39.2	38.0	36.8	35.5	34.2	32.9	30.0	23.3	13.4
45	********	39.9	39.6	39.0	38.0	36.9	35.8	34.7	33.5	32.3	31.0	28.3	21.9	12.7
50	********	37.8	37.6	37.0	36.0	35.0	34.0	32.9	31.8	30.6	29.4	26.9	20.8	12.0
55	********	36.0	35.9	35.3	34.4	33.4	32.4	31.4	30.3	29.2	28.1	25.6	19.8	11.5
60	********	34.5	34.3	33.8	32.9	32.0	31.0	30.0	29.0	28.0	26.9	24.5	19.0	11.0
65	********	33.2	33.0	32.5	31.6	30.7	29.8	28.9	27.9	26.9	25.8	23.6	18.3	10.5
70	********	32.0	31.8	31.3	30.5	29.6	28.7	27.8	26.9	25.9	24.9	22.7	17.6	10.2
75	********	30.9	30.7	30.2	29.4	28.6	27.7	26.9	26.0	25.0	24.0	21.9	17.0	9.8
80	********	29.9	29.7	29.3	28.5	27.7	26.9	26.0	25.1	24.2	23.3	21.2	16.5	9.5
85	********	29.0	28.8	28.4	27.6	26.9	26.1	25.2	24.4	23.5	22.6	20.6	16.0	9.2
90	********	28.2	28.0	27.6	26.9	26.1	25.3	24.5	23.7	22.8	21.9	20.0	15.5	9.0
95	********	27.4	27.3	26.9	26.2	25.4	24.7	23.9	23.1	22.2	21.4	19.5	15.1	8.7
100	********	26.7	26.6	26.2	25.5	24.8	24.0	23.3	22.5	21.7	20.8	19.0	14.7	8.5
125	********	23.9	23.8	23.4	22.8	22.2	21.5	20.8	20.1	19.4	18.6	17.0	13.2	7.6
150	**********	21.7	21.4	20.8	20.2	19.6	19.0	18.4	17.7	17.0	15.5	12.0	6.9	
200	**********	18.8	18.5	18.0	17.5	17.0	16.5	15.9	15.3	14.7	13.4	10.4	6.0	
250	**********	16.8	16.6	16.1	15.7	15.2	14.7	14.2	13.7	13.2	12.0	9.3	5.4	
300	**********	15.1	14.7	14.3	13.9	13.4	13.0	12.5	12.0	11.0	8.5	4.9		
350	**********	14.0	13.6	13.2	12.8	12.4	12.0	11.6	11.1	10.2	7.9	4.5		
400	**********	13.1	12.7	12.4	12.0	11.6	11.2	10.8	10.4	9.5	7.4	4.2		
450	**********	12.3	12.0	11.7	11.3	11.0	10.6	10.2	9.8	9.0	6.9	4.0		
500	**********	11.7	11.4	11.1	10.7	10.4	10.1	9.7	9.3	8.5	6.6	3.8		
750	**********	9.3	9.0	8.8	8.5	8.2	7.9	7.6	6.9	5.4	3.1			
1000	**********	8.1	7.8	7.6	7.4	7.1	6.8	6.6	6.0	4.7	2.7			
1500	**********	6.4	6.2	6.0	5.8	5.6	5.4	4.9	3.8	2.2				
2000	**********	5.5	5.4	5.2	5.0	4.8	4.7	4.2	3.3	1.9				
3000	**********	4.2	4.1	4.0	3.8	3.5	2.7	1.6						
4000	**********	3.6	3.4	3.3	3.0	2.3	1.3							
5000	**********	3.1	2.9	2.7	2.1	1.2								
6000	**********	2.5	1.9	1.1										
7000	**********	2.3	1.8	1.0										
8000	**********	1.6	0.9											
9000	**********	1.6	0.9											
10000	**********	1.5	0.8											
12500	**********	0.8												

NOTE: FOR CORRECT USAGE OF THESE TABLES PLEASE REFER TO MICRODATA DOCUMENTATION

National Private Vehicle Use Survey - 1996
Approximate Sampling Variability Tables for Newfoundland
Applicable to Background Questionnaire Categorical Selected Vehicle-Level Variables
Q22, Q23, Q24, Q24A, Q27-Q31

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	********	95.1	94.6	93.2	90.7	88.1	85.5	82.8	80.0	77.1	74.1	67.6	52.4	30.2
2	********	67.3	66.9	65.9	64.1	62.3	60.5	58.5	56.6	54.5	52.4	47.8	37.0	21.4
3	**********	54.6	53.8	52.4	50.9	49.4	47.8	46.2	44.5	42.8	39.0	30.2	17.5	
4	**********	47.3	46.6	45.4	44.1	42.8	41.4	40.0	38.5	37.0	33.8	26.2	15.1	
5	**********	41.7	40.6	39.4	38.2	37.0	35.8	34.5	33.1	30.2	23.4	13.5		
6	**********	38.0	37.0	36.0	34.9	33.8	32.7	31.5	30.2	27.6	21.4	12.3		
7	**********	35.2	34.3	33.3	32.3	31.3	30.2	29.1	28.0	25.6	19.8	11.4		
8	**********	32.9	32.1	31.2	30.2	29.3	28.3	27.3	26.2	23.9	18.5	10.7		
9	**********	31.1	30.2	29.4	28.5	27.6	26.7	25.7	24.7	22.5	17.5	10.1		
10	**********	29.5	28.7	27.9	27.0	26.2	25.3	24.4	23.4	21.4	16.6	9.6		
11	**********	28.1	27.3	26.6	25.8	25.0	24.1	23.2	22.3	20.4	15.8	9.1		
12	**********	26.9	26.2	25.4	24.7	23.9	23.1	22.3	21.4	19.5	15.1	8.7		
13	**********	25.2	24.4	23.7	23.0	22.2	21.4	20.5	18.8	14.5	8.4			
14	**********	24.2	23.6	22.9	22.1	21.4	20.6	19.8	18.1	14.0	8.1			
15	**********	23.4	22.8	22.1	21.4	20.7	19.9	19.1	17.5	13.5	7.8			
16	**********	22.7	22.0	21.4	20.7	20.0	19.3	18.5	16.9	13.1	7.6			
17	**********	22.0	21.4	20.7	20.1	19.4	18.7	18.0	16.4	12.7	7.3			
18	**********	21.4	20.8	20.2	19.5	18.9	18.2	17.5	15.9	12.3	7.1			
19	**********	20.8	20.2	19.6	19.0	18.4	17.7	17.0	15.5	12.0	6.9			
20	**********	20.3	19.7	19.1	18.5	17.9	17.2	16.6	15.1	11.7	6.8			
21	**********	19.8	19.2	18.7	18.1	17.5	16.8	16.2	14.8	11.4	6.6			
22	**********	19.3	18.8	18.2	17.7	17.1	16.4	15.8	14.4	11.2	6.4			
23	**********	18.9	18.4	17.8	17.3	16.7	16.1	15.4	14.1	10.9	6.3			
24	**********	18.5	18.0	17.5	16.9	16.3	15.7	15.1	13.8	10.7	6.2			
25	**********	17.6	17.1	16.6	16.0	15.4	14.8	13.5	10.5	6.0				
30	**********	16.1	15.6	15.1	14.6	14.1	13.5	12.3	9.6	5.5				
35	**********	14.9	14.5	14.0	13.5	13.0	12.5	11.4	8.9	5.1				
40	**********	13.5	13.1	12.6	12.2	11.7	10.7	8.3	4.8					
45	**********	12.7	12.3	11.9	11.5	11.0	10.1	7.8	4.5					
50	**********	11.7	11.3	10.9	10.5	9.6	7.4	4.3						
55	**********	11.2	10.8	10.4	10.0	9.1	7.1	4.1						
60	**********	10.7	10.3	10.0	9.6	8.7	6.8	3.9						
65	**********	9.9	9.6	9.2	8.4	6.5	3.8							
70	**********	9.6	9.2	8.9	8.1	6.3	3.6							
75	**********	8.9	8.6	7.8	6.0	3.5								
80	**********	8.6	8.3	7.6	5.9	3.4								
85	**********	8.0	7.3	5.7	3.3									
90	**********	7.8	7.1	5.5	3.2									
95	**********	7.6	6.9	5.4	3.1									
100	**********	6.8	5.2	3.0										
125	**********	4.7	2.7											
150	**********	4.3	2.5											
200	**********	2.1												

NOTE: FOR CORRECT USAGE OF THESE TABLES PLEASE REFER TO MICRODATA DOCUMENTATION

National Private Vehicle Use Survey - 1996
Approximate Sampling Variability Tables for Prince Edward Is.
Applicable to Background Questionnaire Categorical Selected Vehicle-Level Variables
Q22, Q23, Q24, Q24A, Q27-Q31

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	**********	**********	52.5	51.7	50.3	48.9	47.5	46.0	44.4	42.8	41.1	37.5	29.1	16.8
2	**********	**********	36.6	35.6	34.6	33.6	32.5	31.4	30.3	29.1	26.5	20.6	11.9	
3	**********	**********	29.9	29.1	28.2	27.4	26.5	25.6	24.7	23.7	21.7	16.8	9.7	
4	**********	**********	25.2	24.5	23.7	23.0	22.2	21.4	20.6	18.8	14.5	8.4		
5	**********	**********	22.5	21.9	21.2	20.6	19.9	19.1	18.4	16.8	13.0	7.5		
6	**********	**********	20.6	20.0	19.4	18.8	18.1	17.5	16.8	15.3	11.9	6.9		
7	**********	**********	18.5	17.9	17.4	16.8	16.2	15.5	14.2	11.0	6.3			
8	**********	**********	17.3	16.8	16.2	15.7	15.1	14.5	13.3	10.3	5.9			
9	**********	**********	16.3	15.8	15.3	14.8	14.3	13.7	12.5	9.7	5.6			
10	**********	**********	15.5	15.0	14.5	14.0	13.5	13.0	11.9	9.2	5.3			
11	**********	**********	14.3	13.9	13.4	12.9	12.4	11.3	8.8	5.1				
12	**********	**********	13.7	13.3	12.8	12.4	11.9	10.8	8.4	4.8				
13	**********	**********	13.2	12.7	12.3	11.9	11.4	10.4	8.1	4.7				
14	**********	**********	12.3	11.9	11.4	11.0	10.0	7.8	4.5					
15	**********	**********	11.9	11.5	11.0	10.6	9.7	7.5	4.3					
16	**********	**********	11.5	11.1	10.7	10.3	9.4	7.3	4.2					
17	**********	**********	11.1	10.8	10.4	10.0	9.1	7.0	4.1					
18	**********	**********	10.5	10.1	9.7	8.8	6.9	4.0						
19	**********	**********	10.2	9.8	9.4	8.6	6.7	3.8						
20	**********	**********	9.9	9.6	9.2	8.4	6.5	3.8						
21	**********	**********	9.3	9.0	8.2	6.3	3.7							
22	**********	**********	9.1	8.8	8.0	6.2	3.6							
23	**********	**********	8.9	8.6	7.8	6.1	3.5							
24	**********	**********	8.7	8.4	7.7	5.9	3.4							
25	**********	**********	8.2	7.5	5.8	3.4								
30	**********	**********	6.9	5.3	3.1									
35	**********	**********	4.9	2.8										
40	**********	**********	4.6	2.7										
45	**********	**********	4.3	2.5										
50	**********	**********	2.4											
55	**********	**********	2.3											
60	**********	**********	2.2											

NOTE: FOR CORRECT USAGE OF THESE TABLES PLEASE REFER TO MICRODATA DOCUMENTATION

National Private Vehicle Use Survey - 1996
Approximate Sampling Variability Tables for Nova Scotia
Applicable to Background Questionnaire Categorical Selected Vehicle-Level Variables
Q22, Q23, Q24, Q24A, Q27-Q31

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	********	150.9	150.2	147.9	143.9	139.9	135.7	131.4	126.9	122.3	117.5	107.3	83.1	48.0
2	********	106.7	106.2	104.6	101.8	98.9	95.9	92.9	89.7	86.5	83.1	75.9	58.8	33.9
3	********	87.1	86.7	85.4	83.1	80.8	78.3	75.9	73.3	70.6	67.8	61.9	48.0	27.7
4	********	75.5	75.1	73.9	72.0	69.9	67.8	65.7	63.5	61.2	58.8	53.6	41.5	24.0
5	**********	67.2	66.1	64.4	62.5	60.7	58.8	56.8	54.7	52.6	48.0	37.2	21.5	
6	**********	61.3	60.4	58.8	57.1	55.4	53.6	51.8	49.9	48.0	43.8	33.9	19.6	
7	**********	56.8	55.9	54.4	52.9	51.3	49.7	48.0	46.2	44.4	40.5	31.4	18.1	
8	**********	53.1	52.3	50.9	49.4	48.0	46.4	44.9	43.2	41.5	37.9	29.4	17.0	
9	**********	50.1	49.3	48.0	46.6	45.2	43.8	42.3	40.8	39.2	35.8	27.7	16.0	
10	**********	46.8	45.5	44.2	42.9	41.5	40.1	38.7	37.2	33.9	26.3	15.2		
11	**********	44.6	43.4	42.2	40.9	39.6	38.3	36.9	35.4	32.3	25.1	14.5		
12	**********	42.7	41.5	40.4	39.2	37.9	36.6	35.3	33.9	31.0	24.0	13.8		
13	**********	41.0	39.9	38.8	37.6	36.4	35.2	33.9	32.6	29.8	23.0	13.3		
14	**********	39.5	38.5	37.4	36.3	35.1	33.9	32.7	31.4	28.7	22.2	12.8		
15	**********	38.2	37.2	36.1	35.0	33.9	32.8	31.6	30.3	27.7	21.5	12.4		
16	**********	37.0	36.0	35.0	33.9	32.8	31.7	30.6	29.4	26.8	20.8	12.0		
17	**********	35.9	34.9	33.9	32.9	31.9	30.8	29.7	28.5	26.0	20.2	11.6		
18	**********	34.9	33.9	33.0	32.0	31.0	29.9	28.8	27.7	25.3	19.6	11.3		
19	**********	33.9	33.0	32.1	31.1	30.1	29.1	28.1	27.0	24.6	19.1	11.0		
20	**********	33.1	32.2	31.3	30.3	29.4	28.4	27.3	26.3	24.0	18.6	10.7		
21	**********	32.3	31.4	30.5	29.6	28.7	27.7	26.7	25.6	23.4	18.1	10.5		
22	**********	31.5	30.7	29.8	28.9	28.0	27.1	26.1	25.1	22.9	17.7	10.2		
23	**********	30.8	30.0	29.2	28.3	27.4	26.5	25.5	24.5	22.4	17.3	10.0		
24	**********	29.4	28.5	27.7	26.8	25.9	25.0	24.0	21.9	17.0	9.8			
25	**********	28.8	28.0	27.1	26.3	25.4	24.5	23.5	21.5	16.6	9.6			
30	**********	26.3	25.5	24.8	24.0	23.2	22.3	21.5	19.6	15.2	8.8			
35	**********	24.3	23.6	22.9	22.2	21.5	20.7	19.9	18.1	14.0	8.1			
40	**********	22.8	22.1	21.5	20.8	20.1	19.3	18.6	17.0	13.1	7.6			
45	**********	21.5	20.8	20.2	19.6	18.9	18.2	17.5	16.0	12.4	7.2			
50	**********	19.8	19.2	18.6	17.9	17.3	16.6	15.2	11.8	6.8				
55	**********	18.9	18.3	17.7	17.1	16.5	15.8	14.5	11.2	6.5				
60	**********	18.1	17.5	17.0	16.4	15.8	15.2	13.8	10.7	6.2				
65	**********	17.3	16.8	16.3	15.7	15.2	14.6	13.3	10.3	6.0				
70	**********	16.7	16.2	15.7	15.2	14.6	14.0	12.8	9.9	5.7				
75	**********	15.7	15.2	14.7	14.1	13.6	12.4	9.6	5.5					
80	**********	15.2	14.7	14.2	13.7	13.1	12.0	9.3	5.4					
85	**********	14.7	14.3	13.8	13.3	12.7	11.6	9.0	5.2					
90	**********	14.3	13.8	13.4	12.9	12.4	11.3	8.8	5.1					
95	**********	13.9	13.5	13.0	12.5	12.1	11.0	8.5	4.9					
100	**********	13.1	12.7	12.2	11.8	10.7	8.3	4.8						
125	**********	11.4	10.9	10.5	9.6	7.4	4.3							
150	**********	10.0	9.6	8.8	6.8	3.9								
200	**********	7.6	5.9	3.4										
250	**********	5.3	3.0											
300	**********	4.8	2.8											
350	**********	2.6												
400	**********	2.4												

NOTE: FOR CORRECT USAGE OF THESE TABLES PLEASE REFER TO MICRODATA DOCUMENTATION

National Private Vehicle Use Survey - 1996
Approximate Sampling Variability Tables for New Brunswick
Applicable to Background Questionnaire Categorical Selected Vehicle-Level Variables
Q22, Q23, Q24, Q24A, Q27-Q31

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	********	119.8	119.2	117.4	114.3	111.0	107.7	104.3	100.8	97.1	93.3	85.2	66.0	38.1
2	********	84.7	84.3	83.0	80.8	78.5	76.2	73.8	71.3	68.7	66.0	60.2	46.6	26.9
3	********	69.2	68.8	67.8	66.0	64.1	62.2	60.2	58.2	56.1	53.9	49.2	38.1	22.0
4	**********	59.6	58.7	57.1	55.5	53.9	52.2	50.4	48.6	46.6	42.6	33.0	19.0	
5	**********	53.3	52.5	51.1	49.7	48.2	46.6	45.1	43.4	41.7	38.1	29.5	17.0	
6	**********	48.7	47.9	46.6	45.3	44.0	42.6	41.1	39.6	38.1	34.8	26.9	15.5	
7	**********	45.1	44.4	43.2	42.0	40.7	39.4	38.1	36.7	35.3	32.2	24.9	14.4	
8	**********	41.5	40.4	39.3	38.1	36.9	35.6	34.3	33.0	30.1	23.3	13.5		
9	**********	39.1	38.1	37.0	35.9	34.8	33.6	32.4	31.1	28.4	22.0	12.7		
10	**********	37.1	36.1	35.1	34.1	33.0	31.9	30.7	29.5	26.9	20.9	12.0		
11	**********	35.4	34.4	33.5	32.5	31.4	30.4	29.3	28.1	25.7	19.9	11.5		
12	**********	33.9	33.0	32.1	31.1	30.1	29.1	28.0	26.9	24.6	19.0	11.0		
13	**********	32.6	31.7	30.8	29.9	28.9	27.9	26.9	25.9	23.6	18.3	10.6		
14	**********	31.4	30.5	29.7	28.8	27.9	26.9	26.0	24.9	22.8	17.6	10.2		
15	**********	30.3	29.5	28.7	27.8	26.9	26.0	25.1	24.1	22.0	17.0	9.8		
16	**********	29.3	28.6	27.8	26.9	26.1	25.2	24.3	23.3	21.3	16.5	9.5		
17	**********	28.5	27.7	26.9	26.1	25.3	24.4	23.6	22.6	20.7	16.0	9.2		
18	**********	27.7	26.9	26.2	25.4	24.6	23.8	22.9	22.0	20.1	15.5	9.0		
19	**********	26.2	25.5	24.7	23.9	23.1	22.3	21.4	19.5	15.1	8.7			
20	**********	25.5	24.8	24.1	23.3	22.5	21.7	20.9	19.0	14.8	8.5			
21	**********	24.9	24.2	23.5	22.8	22.0	21.2	20.4	18.6	14.4	8.3			
22	**********	24.4	23.7	23.0	22.2	21.5	20.7	19.9	18.2	14.1	8.1			
23	**********	23.8	23.2	22.5	21.7	21.0	20.2	19.5	17.8	13.8	7.9			
24	**********	23.3	22.7	22.0	21.3	20.6	19.8	19.0	17.4	13.5	7.8			
25	**********	22.9	22.2	21.5	20.9	20.2	19.4	18.7	17.0	13.2	7.6			
30	**********	20.9	20.3	19.7	19.0	18.4	17.7	17.0	15.5	12.0	7.0			
35	**********	19.3	18.8	18.2	17.6	17.0	16.4	15.8	14.4	11.2	6.4			
40	**********	17.6	17.0	16.5	15.9	15.4	14.8	13.5	10.4	6.0				
45	**********	16.6	16.1	15.5	15.0	14.5	13.9	12.7	9.8	5.7				
50	**********	15.7	15.2	14.8	14.3	13.7	13.2	12.0	9.3	5.4				
55	**********	15.0	14.5	14.1	13.6	13.1	12.6	11.5	8.9	5.1				
60	**********	13.9	13.5	13.0	12.5	12.0	11.0	8.5	4.9					
65	**********	13.4	12.9	12.5	12.0	11.6	10.6	8.2	4.7					
70	**********	12.9	12.5	12.0	11.6	11.2	10.2	7.9	4.6					
75	**********	12.4	12.0	11.6	11.2	10.8	9.8	7.6	4.4					
80	**********	11.7	11.3	10.9	10.4	9.5	7.4	4.3						
85	**********	11.3	10.9	10.5	10.1	9.2	7.2	4.1						
90	**********	11.0	10.6	10.2	9.8	9.0	7.0	4.0						
95	**********	10.3	10.0	9.6	8.7	6.8	3.9							
100	**********	10.1	9.7	9.3	8.5	6.6	3.8							
125	**********	8.7	8.3	7.6	5.9	3.4								
150	**********	7.6	7.0	5.4	3.1									
200	**********	4.7	2.7											
250	**********	4.2	2.4											
300	**********	2.2												

NOTE: FOR CORRECT USAGE OF THESE TABLES PLEASE REFER TO MICRODATA DOCUMENTATION

National Private Vehicle Use Survey - 1996
Approximate Sampling Variability Tables for Québec
Applicable to Background Questionnaire Categorical Selected Vehicle-Level Variables
Q22, Q23, Q24, Q24A, Q27-Q31

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	251.5	250.4	249.1	245.3	238.7	232.0	225.1	217.9	210.5	202.9	194.9	177.9	137.8	79.6
2	177.8	177.0	176.1	173.4	168.8	164.0	159.1	154.1	148.9	143.4	137.8	125.8	97.5	56.3
3	145.2	144.5	143.8	141.6	137.8	133.9	129.9	125.8	121.5	117.1	112.5	102.7	79.6	45.9
4	********	125.2	124.5	122.6	119.4	116.0	112.5	109.0	105.3	101.4	97.5	89.0	68.9	39.8
5	********	112.0	111.4	109.7	106.8	103.7	100.7	97.5	94.2	90.7	87.2	79.6	61.6	35.6
6	********	102.2	101.7	100.1	97.5	94.7	91.9	89.0	85.9	82.8	79.6	72.6	56.3	32.5
7	********	94.6	94.2	92.7	90.2	87.7	85.1	82.4	79.6	76.7	73.7	67.3	52.1	30.1
8	********	88.5	88.1	86.7	84.4	82.0	79.6	77.0	74.4	71.7	68.9	62.9	48.7	28.1
9	********	83.5	83.0	81.8	79.6	77.3	75.0	72.6	70.2	67.6	65.0	59.3	45.9	26.5
10	********	79.2	78.8	77.6	75.5	73.4	71.2	68.9	66.6	64.2	61.6	56.3	43.6	25.2
11	********	75.5	75.1	73.9	72.0	69.9	67.9	65.7	63.5	61.2	58.8	53.6	41.6	24.0
12	********	72.3	71.9	70.8	68.9	67.0	65.0	62.9	60.8	58.6	56.3	51.4	39.8	23.0
13	********	69.4	69.1	68.0	66.2	64.3	62.4	60.4	58.4	56.3	54.1	49.3	38.2	22.1
14	********	66.9	66.6	65.5	63.8	62.0	60.2	58.2	56.3	54.2	52.1	47.6	36.8	21.3
15	********	64.6	64.3	63.3	61.6	59.9	58.1	56.3	54.4	52.4	50.3	45.9	35.6	20.5
16	********	62.6	62.3	61.3	59.7	58.0	56.3	54.5	52.6	50.7	48.7	44.5	34.5	19.9
17	********	60.7	60.4	59.5	57.9	56.3	54.6	52.9	51.1	49.2	47.3	43.2	33.4	19.3
18	********	59.0	58.7	57.8	56.3	54.7	53.0	51.4	49.6	47.8	45.9	41.9	32.5	18.8
19	********	57.4	57.1	56.3	54.8	53.2	51.6	50.0	48.3	46.5	44.7	40.8	31.6	18.3
20	********	56.0	55.7	54.8	53.4	51.9	50.3	48.7	47.1	45.4	43.6	39.8	30.8	17.8
21	********	54.6	54.4	53.5	52.1	50.6	49.1	47.6	45.9	44.3	42.5	38.8	30.1	17.4
22	********	53.4	53.1	52.3	50.9	49.5	48.0	46.5	44.9	43.3	41.6	37.9	29.4	17.0
23	********	52.2	51.9	51.1	49.8	48.4	46.9	45.4	43.9	42.3	40.6	37.1	28.7	16.6
24	********	51.1	50.8	50.1	48.7	47.4	45.9	44.5	43.0	41.4	39.8	36.3	28.1	16.2
25	********	50.1	49.8	49.1	47.7	46.4	45.0	43.6	42.1	40.6	39.0	35.6	27.6	15.9
30	********	45.7	45.5	44.8	43.6	42.4	41.1	39.8	38.4	37.0	35.6	32.5	25.2	14.5
35	**********	42.1	41.5	40.4	39.2	38.0	36.8	35.6	34.3	32.9	30.1	23.3	13.5	
40	**********	39.4	38.8	37.7	36.7	35.6	34.5	33.3	32.1	30.8	28.1	21.8	12.6	
45	**********	37.1	36.6	35.6	34.6	33.6	32.5	31.4	30.2	29.1	26.5	20.5	11.9	
50	**********	35.2	34.7	33.8	32.8	31.8	30.8	29.8	28.7	27.6	25.2	19.5	11.3	
55	**********	33.6	33.1	32.2	31.3	30.3	29.4	28.4	27.4	26.3	24.0	18.6	10.7	
60	**********	32.2	31.7	30.8	29.9	29.1	28.1	27.2	26.2	25.2	23.0	17.8	10.3	
65	**********	30.9	30.4	29.6	28.8	27.9	27.0	26.1	25.2	24.2	22.1	17.1	9.9	
70	**********	29.3	28.5	27.7	26.9	26.0	25.2	24.2	23.3	21.3	16.5	9.5		
75	**********	28.3	27.6	26.8	26.0	25.2	24.3	23.4	22.5	20.5	15.9	9.2		
80	**********	27.4	26.7	25.9	25.2	24.4	23.5	22.7	21.8	19.9	15.4	8.9		
85	**********	26.6	25.9	25.2	24.4	23.6	22.8	22.0	21.1	19.3	14.9	8.6		
90	**********	25.9	25.2	24.5	23.7	23.0	22.2	21.4	20.5	18.8	14.5	8.4		
95	**********	25.2	24.5	23.8	23.1	22.4	21.6	20.8	20.0	18.3	14.1	8.2		
100	**********	24.5	23.9	23.2	22.5	21.8	21.1	20.3	19.5	17.8	13.8	8.0		
125	**********	21.9	21.4	20.7	20.1	19.5	18.8	18.1	17.4	15.9	12.3	7.1		
150	**********	20.0	19.5	18.9	18.4	17.8	17.2	16.6	15.9	14.5	11.3	6.5		
200	**********	16.9	16.4	15.9	15.4	14.9	14.3	13.8	12.6	9.7	5.6			
250	**********	15.1	14.7	14.2	13.8	13.3	12.8	12.3	11.3	8.7	5.0			
300	**********	13.8	13.4	13.0	12.6	12.2	11.7	11.3	10.3	8.0	4.6			
350	**********	12.4	12.0	11.6	11.3	10.8	10.4	9.5	7.4	4.3				
400	**********	11.6	11.3	10.9	10.5	10.1	9.7	8.9	6.9	4.0				
450	**********	10.9	10.6	10.3	9.9	9.6	9.2	8.4	6.5	3.8				
500	**********	10.1	9.7	9.4	9.1	8.7	8.0	6.2	3.6					
750	**********	8.0	7.7	7.4	7.1	6.5	5.0	2.9						
1000	**********	6.4	6.2	5.6	4.4	2.5								
1500	**********	4.6	3.6	2.1										
2000	**********	3.1	1.8											

NOTE: FOR CORRECT USAGE OF THESE TABLES PLEASE REFER TO MICRODATA DOCUMENTATION

National Private Vehicle Use Survey - 1996
Approximate Sampling Variability Tables for Ontario
Applicable to Background Questionnaire Categorical Selected Vehicle-Level Variables
Q22, Q23, Q24, Q24A, Q27-Q31

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	315.2	313.7	312.2	307.3	299.1	290.7	282.0	273.1	263.8	254.2	244.2	223.0	172.7	99.7
2	222.9	221.8	220.7	217.3	211.5	205.6	199.4	193.1	186.5	179.8	172.7	157.7	122.1	70.5
3	182.0	181.1	180.2	177.4	172.7	167.8	162.8	157.7	152.3	146.8	141.0	128.7	99.7	57.6
4	157.6	156.9	156.1	153.7	149.6	145.4	141.0	136.5	131.9	127.1	122.1	111.5	86.4	49.9
5	140.9	140.3	139.6	137.4	133.8	130.0	126.1	122.1	118.0	113.7	109.2	99.7	77.2	44.6
6	********	128.1	127.4	125.5	122.1	118.7	115.1	111.5	107.7	103.8	99.7	91.0	70.5	40.7
7	********	118.6	118.0	116.2	113.1	109.9	106.6	103.2	99.7	96.1	92.3	84.3	65.3	37.7
8	********	110.9	110.4	108.7	105.8	102.8	99.7	96.5	93.3	89.9	86.4	78.8	61.1	35.3
9	********	104.6	104.1	102.4	99.7	96.9	94.0	91.0	87.9	84.7	81.4	74.3	57.6	33.2
10	********	99.2	98.7	97.2	94.6	91.9	89.2	86.4	83.4	80.4	77.2	70.5	54.6	31.5
11	********	94.6	94.1	92.7	90.2	87.7	85.0	82.3	79.5	76.6	73.6	67.2	52.1	30.1
12	********	90.6	90.1	88.7	86.4	83.9	81.4	78.8	76.2	73.4	70.5	64.4	49.9	28.8
13	********	87.0	86.6	85.2	83.0	80.6	78.2	75.7	73.2	70.5	67.7	61.8	47.9	27.7
14	********	83.9	83.4	82.1	79.9	77.7	75.4	73.0	70.5	67.9	65.3	59.6	46.2	26.6
15	********	81.0	80.6	79.4	77.2	75.1	72.8	70.5	68.1	65.6	63.1	57.6	44.6	25.7
16	********	78.4	78.0	76.8	74.8	72.7	70.5	68.3	66.0	63.6	61.1	55.7	43.2	24.9
17	********	76.1	75.7	74.5	72.6	70.5	68.4	66.2	64.0	61.7	59.2	54.1	41.9	24.2
18	********	73.9	73.6	72.4	70.5	68.5	66.5	64.4	62.2	59.9	57.6	52.6	40.7	23.5
19	********	72.0	71.6	70.5	68.6	66.7	64.7	62.6	60.5	58.3	56.0	51.2	39.6	22.9
20	********	70.2	69.8	68.7	66.9	65.0	63.1	61.1	59.0	56.8	54.6	49.9	38.6	22.3
21	********	68.5	68.1	67.1	65.3	63.4	61.5	59.6	57.6	55.5	53.3	48.7	37.7	21.8
22	********	66.9	66.6	65.5	63.8	62.0	60.1	58.2	56.2	54.2	52.1	47.5	36.8	21.3
23	********	65.4	65.1	64.1	62.4	60.6	58.8	56.9	55.0	53.0	50.9	46.5	36.0	20.8
24	********	64.0	63.7	62.7	61.1	59.3	57.6	55.7	53.9	51.9	49.9	45.5	35.3	20.4
25	********	62.7	62.4	61.5	59.8	58.1	56.4	54.6	52.8	50.8	48.8	44.6	34.5	19.9
30	********	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
35	********	53.0	52.8	51.9	50.6	49.1	47.7	46.2	44.6	43.0	41.3	37.7	29.2	16.9
40	********	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
45	********	46.8	46.5	45.8	44.6	43.3	42.0	40.7	39.3	37.9	36.4	33.2	25.7	14.9
50	********	44.4	44.1	43.5	42.3	41.1	39.9	38.6	37.3	36.0	34.5	31.5	24.4	14.1
55	**********	42.1	41.4	40.3	39.2	38.0	36.8	35.6	34.3	32.9	30.1	23.3	13.4	
60	**********	40.3	39.7	38.6	37.5	36.4	35.3	34.1	32.8	31.5	28.8	22.3	12.9	
65	**********	38.7	38.1	37.1	36.1	35.0	33.9	32.7	31.5	30.3	27.7	21.4	12.4	
70	**********	37.3	36.7	35.8	34.7	33.7	32.6	31.5	30.4	29.2	26.6	20.6	11.9	
75	**********	36.0	35.5	34.5	33.6	32.6	31.5	30.5	29.4	28.2	25.7	19.9	11.5	
80	**********	34.9	34.4	33.4	32.5	31.5	30.5	29.5	28.4	27.3	24.9	19.3	11.1	
85	**********	33.9	33.3	32.4	31.5	30.6	29.6	28.6	27.6	26.5	24.2	18.7	10.8	
90	**********	32.9	32.4	31.5	30.6	29.7	28.8	27.8	26.8	25.7	23.5	18.2	10.5	
95	**********	32.0	31.5	30.7	29.8	28.9	28.0	27.1	26.1	25.1	22.9	17.7	10.2	
100	**********	31.2	30.7	29.9	29.1	28.2	27.3	26.4	25.4	24.4	22.3	17.3	10.0	
125	**********	27.5	26.8	26.0	25.2	24.4	23.6	22.7	21.8	19.9	15.4	8.9		
150	**********	25.1	24.4	23.7	23.0	22.3	21.5	20.8	19.9	18.2	14.1	8.1		
200	**********	21.7	21.2	20.6	19.9	19.3	18.7	18.0	17.3	15.8	12.2	7.1		
250	**********	19.4	18.9	18.4	17.8	17.3	16.7	16.1	15.4	14.1	10.9	6.3		
300	**********	17.3	16.8	16.3	15.8	15.2	14.7	14.1	12.9	10.0	5.8			
350	**********	16.0	15.5	15.1	14.6	14.1	13.6	13.1	11.9	9.2	5.3			
400	**********	15.0	14.5	14.1	13.7	13.2	12.7	12.2	11.1	8.6	5.0			
450	**********	14.1	13.7	13.3	12.9	12.4	12.0	11.5	10.5	8.1	4.7			
500	**********	13.4	13.0	12.6	12.2	11.8	11.4	10.9	10.0	7.7	4.5			
750	**********	10.6	10.3	10.0	9.6	9.3	8.9	8.1	6.3	3.6				
1000	**********	8.9	8.6	8.3	8.0	7.7	7.1	5.5	3.2					
1500	**********	6.8	6.6	6.3	5.8	4.5	2.6							
2000	**********	5.5	5.0	3.9	2.2									
3000	**********	3.2	1.8											
4000	**********	1.6												

NOTE: FOR CORRECT USAGE OF THESE TABLES PLEASE REFER TO MICRODATA DOCUMENTATION

National Private Vehicle Use Survey - 1996
Approximate Sampling Variability Tables for Manitoba
Applicable to Background Questionnaire Categorical Selected Vehicle-Level Variables
Q22, Q23, Q24, Q24A, Q27-Q31

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	********	128.1	127.4	125.4	122.1	118.7	115.1	111.5	107.7	103.8	99.7	91.0	70.5	40.7
2	********	90.6	90.1	88.7	86.3	83.9	81.4	78.8	76.1	73.4	70.5	64.4	49.8	28.8
3	********	73.9	73.6	72.4	70.5	68.5	66.5	64.4	62.2	59.9	57.6	52.5	40.7	23.5
4	********	64.0	63.7	62.7	61.1	59.3	57.6	55.7	53.8	51.9	49.8	45.5	35.2	20.4
5	********	57.3	57.0	56.1	54.6	53.1	51.5	49.8	48.2	46.4	44.6	40.7	31.5	18.2
6	**********		52.0	51.2	49.8	48.4	47.0	45.5	44.0	42.4	40.7	37.2	28.8	16.6
7	**********		48.2	47.4	46.1	44.8	43.5	42.1	40.7	39.2	37.7	34.4	26.6	15.4
8	**********		45.0	44.4	43.2	42.0	40.7	39.4	38.1	36.7	35.2	32.2	24.9	14.4
9	**********		42.5	41.8	40.7	39.6	38.4	37.2	35.9	34.6	33.2	30.3	23.5	13.6
10	**********		40.3	39.7	38.6	37.5	36.4	35.2	34.1	32.8	31.5	28.8	22.3	12.9
11	**********		38.4	37.8	36.8	35.8	34.7	33.6	32.5	31.3	30.1	27.4	21.3	12.3
12	**********		36.2	35.2	34.3	33.2	32.2	31.1	30.0	28.8	26.3	20.4	11.7	
13	**********		34.8	33.9	32.9	31.9	30.9	29.9	28.8	27.7	25.2	19.6	11.3	
14	**********		33.5	32.6	31.7	30.8	29.8	28.8	27.7	26.6	24.3	18.8	10.9	
15	**********		32.4	31.5	30.6	29.7	28.8	27.8	26.8	25.7	23.5	18.2	10.5	
16	**********		31.4	30.5	29.7	28.8	27.9	26.9	25.9	24.9	22.8	17.6	10.2	
17	**********		30.4	29.6	28.8	27.9	27.0	26.1	25.2	24.2	22.1	17.1	9.9	
18	**********		29.6	28.8	28.0	27.1	26.3	25.4	24.5	23.5	21.5	16.6	9.6	
19	**********		28.8	28.0	27.2	26.4	25.6	24.7	23.8	22.9	20.9	16.2	9.3	
20	**********		28.1	27.3	26.5	25.7	24.9	24.1	23.2	22.3	20.4	15.8	9.1	
21	**********		27.4	26.6	25.9	25.1	24.3	23.5	22.6	21.8	19.9	15.4	8.9	
22	**********		26.7	26.0	25.3	24.5	23.8	23.0	22.1	21.3	19.4	15.0	8.7	
23	**********		26.2	25.5	24.7	24.0	23.2	22.5	21.6	20.8	19.0	14.7	8.5	
24	**********		25.6	24.9	24.2	23.5	22.8	22.0	21.2	20.4	18.6	14.4	8.3	
25	**********		25.1	24.4	23.7	23.0	22.3	21.5	20.8	19.9	18.2	14.1	8.1	
30	**********		22.3	21.7	21.0	20.4	19.7	18.9	18.2	16.6	12.9	7.4		
35	**********		20.6	20.1	19.5	18.8	18.2	17.5	16.9	15.4	11.9	6.9		
40	**********		19.3	18.8	18.2	17.6	17.0	16.4	15.8	14.4	11.1	6.4		
45	**********		18.2	17.7	17.2	16.6	16.1	15.5	14.9	13.6	10.5	6.1		
50	**********		17.3	16.8	16.3	15.8	15.2	14.7	14.1	12.9	10.0	5.8		
55	**********		16.5	16.0	15.5	15.0	14.5	14.0	13.4	12.3	9.5	5.5		
60	**********		15.3	14.9	14.4	13.9	13.4	12.9	11.7	9.1	5.3			
65	**********		14.7	14.3	13.8	13.4	12.9	12.4	11.3	8.7	5.0			
70	**********		14.2	13.8	13.3	12.9	12.4	11.9	10.9	8.4	4.9			
75	**********		13.7	13.3	12.9	12.4	12.0	11.5	10.5	8.1	4.7			
80	**********		13.3	12.9	12.5	12.0	11.6	11.1	10.2	7.9	4.6			
85	**********		12.5	12.1	11.7	11.3	10.8	9.9	7.6	4.4				
90	**********		12.1	11.7	11.4	10.9	10.5	9.6	7.4	4.3				
95	**********		11.8	11.4	11.0	10.6	10.2	9.3	7.2	4.2				
100	**********		11.5	11.1	10.8	10.4	10.0	9.1	7.0	4.1				
125	**********		10.0	9.6	9.3	8.9	8.1	6.3	3.6					
150	**********		8.8	8.5	8.1	7.4	5.8	3.3						
200	**********		7.0	6.4	5.0	2.9								
250	**********		5.8	4.5	2.6									
300	**********		4.1	2.3										
350	**********		3.8	2.2										
400	**********		2.0											
450	**********		1.9											
500	**********		1.8											

NOTE: FOR CORRECT USAGE OF THESE TABLES PLEASE REFER TO MICRODATA DOCUMENTATION

National Private Vehicle Use Survey - 1996
Approximate Sampling Variability Tables for Saskatchewan
Applicable to Background Questionnaire Categorical Selected Vehicle-Level Variables
Q22, Q23, Q24, Q24A, Q27-Q31

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	********	130.8	130.2	128.2	124.8	121.2	117.6	113.9	110.0	106.0	101.9	93.0	72.0	41.6
2	********	92.5	92.1	90.6	88.2	85.7	83.2	80.5	77.8	75.0	72.0	65.8	50.9	29.4
3	********	75.5	75.2	74.0	72.0	70.0	67.9	65.8	63.5	61.2	58.8	53.7	41.6	24.0
4	********	65.4	65.1	64.1	62.4	60.6	58.8	56.9	55.0	53.0	50.9	46.5	36.0	20.8
5	********	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
6	**********	53.1	52.3	50.9	49.5	48.0	46.5	44.9	43.3	41.6	38.0	29.4	17.0	
7	**********	49.2	48.4	47.2	45.8	44.5	43.0	41.6	40.1	38.5	35.1	27.2	15.7	
8	**********	46.0	45.3	44.1	42.9	41.6	40.3	38.9	37.5	36.0	32.9	25.5	14.7	
9	**********	43.4	42.7	41.6	40.4	39.2	38.0	36.7	35.3	34.0	31.0	24.0	13.9	
10	**********	41.2	40.5	39.5	38.3	37.2	36.0	34.8	33.5	32.2	29.4	22.8	13.2	
11	**********	38.6	37.6	36.6	35.5	34.3	33.2	32.0	30.7	28.0	21.7	12.5		
12	**********	37.0	36.0	35.0	34.0	32.9	31.8	30.6	29.4	26.8	20.8	12.0		
13	**********	35.5	34.6	33.6	32.6	31.6	30.5	29.4	28.3	25.8	20.0	11.5		
14	**********	34.3	33.3	32.4	31.4	30.4	29.4	28.3	27.2	24.9	19.3	11.1		
15	**********	33.1	32.2	31.3	30.4	29.4	28.4	27.4	26.3	24.0	18.6	10.7		
16	**********	32.0	31.2	30.3	29.4	28.5	27.5	26.5	25.5	23.2	18.0	10.4		
17	**********	31.1	30.3	29.4	28.5	27.6	26.7	25.7	24.7	22.6	17.5	10.1		
18	**********	30.2	29.4	28.6	27.7	26.8	25.9	25.0	24.0	21.9	17.0	9.8		
19	**********	29.4	28.6	27.8	27.0	26.1	25.2	24.3	23.4	21.3	16.5	9.5		
20	**********	28.7	27.9	27.1	26.3	25.5	24.6	23.7	22.8	20.8	16.1	9.3		
21	**********	28.0	27.2	26.5	25.7	24.9	24.0	23.1	22.2	20.3	15.7	9.1		
22	**********	27.3	26.6	25.8	25.1	24.3	23.5	22.6	21.7	19.8	15.4	8.9		
23	**********	26.7	26.0	25.3	24.5	23.7	22.9	22.1	21.2	19.4	15.0	8.7		
24	**********	26.2	25.5	24.7	24.0	23.2	22.5	21.6	20.8	19.0	14.7	8.5		
25	**********	25.6	25.0	24.2	23.5	22.8	22.0	21.2	20.4	18.6	14.4	8.3		
30	**********	22.8	22.1	21.5	20.8	20.1	19.4	18.6	17.0	13.2	7.6			
35	**********	21.1	20.5	19.9	19.3	18.6	17.9	17.2	15.7	12.2	7.0			
40	**********	19.7	19.2	18.6	18.0	17.4	16.8	16.1	14.7	11.4	6.6			
45	**********	18.6	18.1	17.5	17.0	16.4	15.8	15.2	13.9	10.7	6.2			
50	**********	17.6	17.1	16.6	16.1	15.6	15.0	14.4	13.2	10.2	5.9			
55	**********	16.3	15.9	15.4	14.8	14.3	13.7	12.5	9.7	5.6				
60	**********	15.7	15.2	14.7	14.2	13.7	13.2	12.0	9.3	5.4				
65	**********	15.0	14.6	14.1	13.6	13.2	12.6	11.5	8.9	5.2				
70	**********	14.5	14.1	13.6	13.2	12.7	12.2	11.1	8.6	5.0				
75	**********	14.0	13.6	13.2	12.7	12.2	11.8	10.7	8.3	4.8				
80	**********	13.6	13.2	12.7	12.3	11.9	11.4	10.4	8.1	4.6				
85	**********	12.8	12.4	11.9	11.5	11.0	10.1	7.8	4.5					
90	**********	12.4	12.0	11.6	11.2	10.7	9.8	7.6	4.4					
95	**********	12.1	11.7	11.3	10.9	10.5	9.5	7.4	4.3					
100	**********	11.8	11.4	11.0	10.6	10.2	9.3	7.2	4.2					
125	**********	10.2	9.8	9.5	9.1	8.3	6.4	3.7						
150	**********	9.0	8.7	8.3	7.6	5.9	3.4							
200	**********	7.2	6.6	5.1	2.9									
250	**********	5.9	4.6	2.6										
300	**********	4.2	2.4											
350	**********	3.9	2.2											
400	**********	2.1												
450	**********	2.0												

NOTE: FOR CORRECT USAGE OF THESE TABLES PLEASE REFER TO MICRODATA DOCUMENTATION

National Private Vehicle Use Survey - 1996
Approximate Sampling Variability Tables for Alberta
Applicable to Background Questionnaire Categorical Selected Vehicle-Level Variables
Q22, Q23, Q24, Q24A, Q27-Q31

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	216.5	215.5	214.4	211.1	205.5	199.7	193.7	187.6	181.2	174.6	167.8	153.1	118.6	68.5
2	********	152.4	151.6	149.3	145.3	141.2	137.0	132.6	128.1	123.5	118.6	108.3	83.9	48.4
3	********	124.4	123.8	121.9	118.6	115.3	111.8	108.3	104.6	100.8	96.9	88.4	68.5	39.5
4	********	107.7	107.2	105.5	102.7	99.8	96.9	93.8	90.6	87.3	83.9	76.6	59.3	34.2
5	********	96.4	95.9	94.4	91.9	89.3	86.6	83.9	81.0	78.1	75.0	68.5	53.0	30.6
6	********	88.0	87.5	86.2	83.9	81.5	79.1	76.6	74.0	71.3	68.5	62.5	48.4	28.0
7	********	81.4	81.0	79.8	77.7	75.5	73.2	70.9	68.5	66.0	63.4	57.9	44.8	25.9
8	********	76.2	75.8	74.6	72.6	70.6	68.5	66.3	64.1	61.7	59.3	54.1	41.9	24.2
9	********	71.8	71.5	70.4	68.5	66.6	64.6	62.5	60.4	58.2	55.9	51.0	39.5	22.8
10	********	68.1	67.8	66.8	65.0	63.1	61.3	59.3	57.3	55.2	53.0	48.4	37.5	21.7
11	********	65.0	64.6	63.6	61.9	60.2	58.4	56.5	54.6	52.6	50.6	46.2	35.8	20.6
12	********	62.2	61.9	60.9	59.3	57.6	55.9	54.1	52.3	50.4	48.4	44.2	34.2	19.8
13	********	59.8	59.5	58.5	57.0	55.4	53.7	52.0	50.3	48.4	46.5	42.5	32.9	19.0
14	********	57.6	57.3	56.4	54.9	53.4	51.8	50.1	48.4	46.7	44.8	40.9	31.7	18.3
15	********	55.6	55.4	54.5	53.0	51.6	50.0	48.4	46.8	45.1	43.3	39.5	30.6	17.7
16	**********	53.6	52.8	51.4	49.9	48.4	46.9	45.3	43.7	41.9	38.3	29.7	17.1	
17	**********	52.0	51.2	49.8	48.4	47.0	45.5	43.9	42.3	40.7	37.1	28.8	16.6	
18	**********	50.5	49.8	48.4	47.1	45.7	44.2	42.7	41.2	39.5	36.1	28.0	16.1	
19	**********	49.2	48.4	47.1	45.8	44.4	43.0	41.6	40.1	38.5	35.1	27.2	15.7	
20	**********	47.9	47.2	45.9	44.6	43.3	41.9	40.5	39.0	37.5	34.2	26.5	15.3	
21	**********	46.8	46.1	44.8	43.6	42.3	40.9	39.5	38.1	36.6	33.4	25.9	14.9	
22	**********	45.7	45.0	43.8	42.6	41.3	40.0	38.6	37.2	35.8	32.6	25.3	14.6	
23	**********	44.7	44.0	42.8	41.6	40.4	39.1	37.8	36.4	35.0	31.9	24.7	14.3	
24	**********	43.8	43.1	41.9	40.8	39.5	38.3	37.0	35.6	34.2	31.3	24.2	14.0	
25	**********	42.9	42.2	41.1	39.9	38.7	37.5	36.2	34.9	33.6	30.6	23.7	13.7	
30	**********	39.1	38.5	37.5	36.5	35.4	34.2	33.1	31.9	30.6	28.0	21.7	12.5	
35	**********	35.7	34.7	33.7	32.7	31.7	30.6	29.5	28.4	25.9	20.1	11.6		
40	**********	33.4	32.5	31.6	30.6	29.7	28.6	27.6	26.5	24.2	18.8	10.8		
45	**********	31.5	30.6	29.8	28.9	28.0	27.0	26.0	25.0	22.8	17.7	10.2		
50	**********	29.9	29.1	28.2	27.4	26.5	25.6	24.7	23.7	21.7	16.8	9.7		
55	**********	28.5	27.7	26.9	26.1	25.3	24.4	23.5	22.6	20.6	16.0	9.2		
60	**********	27.3	26.5	25.8	25.0	24.2	23.4	22.5	21.7	19.8	15.3	8.8		
65	**********	26.2	25.5	24.8	24.0	23.3	22.5	21.7	20.8	19.0	14.7	8.5		
70	**********	25.2	24.6	23.9	23.2	22.4	21.7	20.9	20.1	18.3	14.2	8.2		
75	**********	24.4	23.7	23.1	22.4	21.7	20.9	20.2	19.4	17.7	13.7	7.9		
80	**********	23.0	22.3	21.7	21.0	20.3	19.5	18.8	17.1	13.3	7.7			
85	**********	22.3	21.7	21.0	20.3	19.7	18.9	18.2	16.6	12.9	7.4			
90	**********	21.7	21.0	20.4	19.8	19.1	18.4	17.7	16.1	12.5	7.2			
95	**********	21.1	20.5	19.9	19.2	18.6	17.9	17.2	15.7	12.2	7.0			
100	**********	20.5	20.0	19.4	18.8	18.1	17.5	16.8	15.3	11.9	6.8			
125	**********	18.4	17.9	17.3	16.8	16.2	15.6	15.0	13.7	10.6	6.1			
150	**********	16.8	16.3	15.8	15.3	14.8	14.3	13.7	12.5	9.7	5.6			
200	**********	14.1	13.7	13.3	12.8	12.3	11.9	10.8	8.4	4.8				
250	**********	12.3	11.9	11.5	11.0	10.6	9.7	7.5	4.3					
300	**********	11.2	10.8	10.5	10.1	9.7	8.8	6.8	4.0					
350	**********	10.0	9.7	9.3	9.0	8.2	6.3	3.7						
400	**********	9.1	8.7	8.4	7.7	5.9	3.4							
450	**********	8.5	8.2	7.9	7.2	5.6	3.2							
500	**********	7.8	7.5	6.8	5.3	3.1								
750	**********	5.6	4.3	2.5										
1000	**********	3.8	2.2											

NOTE: FOR CORRECT USAGE OF THESE TABLES PLEASE REFER TO MICRODATA DOCUMENTATION

National Private Vehicle Use Survey - 1996
Approximate Sampling Variability Tables for British Columbia
Applicable to Background Questionnaire Categorical Selected Vehicle-Level Variables
Q22, Q23, Q24, Q24A, Q27-Q31

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	256.8	255.6	254.3	250.4	243.7	236.8	229.8	222.5	214.9	207.1	199.0	181.6	140.7	81.2
2	181.6	180.7	179.8	177.0	172.3	167.5	162.5	157.3	152.0	146.4	140.7	128.4	99.5	57.4
3	********	147.6	146.8	144.6	140.7	136.7	132.7	128.4	124.1	119.6	114.9	104.9	81.2	46.9
4	********	127.8	127.2	125.2	121.9	118.4	114.9	111.2	107.5	103.6	99.5	90.8	70.4	40.6
5	********	114.3	113.7	112.0	109.0	105.9	102.8	99.5	96.1	92.6	89.0	81.2	62.9	36.3
6	********	104.3	103.8	102.2	99.5	96.7	93.8	90.8	87.7	84.6	81.2	74.2	57.4	33.2
7	********	96.6	96.1	94.6	92.1	89.5	86.8	84.1	81.2	78.3	75.2	68.7	53.2	30.7
8	********	90.4	89.9	88.5	86.2	83.7	81.2	78.7	76.0	73.2	70.4	64.2	49.7	28.7
9	********	85.2	84.8	83.5	81.2	78.9	76.6	74.2	71.6	69.0	66.3	60.5	46.9	27.1
10	********	80.8	80.4	79.2	77.1	74.9	72.7	70.4	68.0	65.5	62.9	57.4	44.5	25.7
11	********	77.1	76.7	75.5	73.5	71.4	69.3	67.1	64.8	62.4	60.0	54.8	42.4	24.5
12	********	73.8	73.4	72.3	70.4	68.4	66.3	64.2	62.0	59.8	57.4	52.4	40.6	23.5
13	********	70.9	70.5	69.4	67.6	65.7	63.7	61.7	59.6	57.4	55.2	50.4	39.0	22.5
14	********	68.3	68.0	66.9	65.1	63.3	61.4	59.5	57.4	55.4	53.2	48.5	37.6	21.7
15	********	66.0	65.7	64.6	62.9	61.2	59.3	57.4	55.5	53.5	51.4	46.9	36.3	21.0
16	********	63.9	63.6	62.6	60.9	59.2	57.4	55.6	53.7	51.8	49.7	45.4	35.2	20.3
17	********	62.0	61.7	60.7	59.1	57.4	55.7	54.0	52.1	50.2	48.3	44.1	34.1	19.7
18	********	60.2	59.9	59.0	57.4	55.8	54.2	52.4	50.7	48.8	46.9	42.8	33.2	19.1
19	********	58.6	58.3	57.4	55.9	54.3	52.7	51.0	49.3	47.5	45.6	41.7	32.3	18.6
20	********	57.2	56.9	56.0	54.5	53.0	51.4	49.7	48.1	46.3	44.5	40.6	31.5	18.2
21	**********	55.5	54.6	53.2	51.7	50.1	48.5	46.9	45.2	43.4	39.6	30.7	17.7	
22	**********	54.2	53.4	52.0	50.5	49.0	47.4	45.8	44.2	42.4	38.7	30.0	17.3	
23	**********	53.0	52.2	50.8	49.4	47.9	46.4	44.8	43.2	41.5	37.9	29.3	16.9	
24	**********	51.9	51.1	49.7	48.3	46.9	45.4	43.9	42.3	40.6	37.1	28.7	16.6	
25	**********	50.9	50.1	48.7	47.4	46.0	44.5	43.0	41.4	39.8	36.3	28.1	16.2	
30	**********	46.4	45.7	44.5	43.2	41.9	40.6	39.2	37.8	36.3	33.2	25.7	14.8	
35	**********	43.0	42.3	41.2	40.0	38.8	37.6	36.3	35.0	33.6	30.7	23.8	13.7	
40	**********	40.2	39.6	38.5	37.4	36.3	35.2	34.0	32.7	31.5	28.7	22.2	12.8	
45	**********	37.3	36.3	35.3	34.3	33.2	32.0	30.9	29.7	27.1	21.0	12.1		
50	**********	35.4	34.5	33.5	32.5	31.5	30.4	29.3	28.1	25.7	19.9	11.5		
55	**********	33.8	32.9	31.9	31.0	30.0	29.0	27.9	26.8	24.5	19.0	11.0		
60	**********	32.3	31.5	30.6	29.7	28.7	27.7	26.7	25.7	23.5	18.2	10.5		
65	**********	31.1	30.2	29.4	28.5	27.6	26.7	25.7	24.7	22.5	17.5	10.1		
70	**********	29.9	29.1	28.3	27.5	26.6	25.7	24.8	23.8	21.7	16.8	9.7		
75	**********	28.9	28.1	27.3	26.5	25.7	24.8	23.9	23.0	21.0	16.2	9.4		
80	**********	28.0	27.2	26.5	25.7	24.9	24.0	23.2	22.2	20.3	15.7	9.1		
85	**********	27.2	26.4	25.7	24.9	24.1	23.3	22.5	21.6	19.7	15.3	8.8		
90	**********	26.4	25.7	25.0	24.2	23.5	22.7	21.8	21.0	19.1	14.8	8.6		
95	**********	25.7	25.0	24.3	23.6	22.8	22.1	21.2	20.4	18.6	14.4	8.3		
100	**********	25.0	24.4	23.7	23.0	22.2	21.5	20.7	19.9	18.2	14.1	8.1		
125	**********	21.8	21.2	20.6	19.9	19.2	18.5	17.8	16.2	12.6	7.3			
150	**********	19.9	19.3	18.8	18.2	17.5	16.9	16.2	14.8	11.5	6.6			
200	**********	17.2	16.7	16.2	15.7	15.2	14.6	14.1	12.8	9.9	5.7			
250	**********	15.0	14.5	14.1	13.6	13.1	12.6	11.5	8.9	5.1				
300	**********	13.7	13.3	12.8	12.4	12.0	11.5	10.5	8.1	4.7				
350	**********	12.3	11.9	11.5	11.1	10.6	9.7	7.5	4.3					
400	**********	11.5	11.1	10.7	10.4	9.9	9.1	7.0	4.1					
450	**********	10.5	10.1	9.8	9.4	8.6	6.6	3.8						
500	**********	9.9	9.6	9.3	8.9	8.1	6.3	3.6						
750	**********	7.3	6.6	5.1	3.0									
1000	**********	5.7	4.4	2.6										
1500	**********	2.1												

NOTE: FOR CORRECT USAGE OF THESE TABLES PLEASE REFER TO MICRODATA DOCUMENTATION

National Private Vehicle Use Survey - 1996
Approximate Sampling Variability Tables for Atlantic
Applicable to Background Questionnaire Categorical Selected Vehicle-Level Variables
Q22, Q23, Q24, Q24A, Q27-Q31

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	123.1	122.6	121.9	120.1	116.9	113.6	110.2	106.7	103.1	99.3	95.4	87.1	67.5	39.0
2	********	86.7	86.2	84.9	82.6	80.3	77.9	75.4	72.9	70.2	67.5	61.6	47.7	27.5
3	********	70.8	70.4	69.3	67.5	65.6	63.6	61.6	59.5	57.3	55.1	50.3	39.0	22.5
4	********	61.3	61.0	60.0	58.4	56.8	55.1	53.3	51.5	49.7	47.7	43.6	33.7	19.5
5	********	54.8	54.5	53.7	52.3	50.8	49.3	47.7	46.1	44.4	42.7	39.0	30.2	17.4
6	********	50.0	49.8	49.0	47.7	46.4	45.0	43.6	42.1	40.5	39.0	35.6	27.5	15.9
7	********	46.3	46.1	45.4	44.2	42.9	41.6	40.3	39.0	37.5	36.1	32.9	25.5	14.7
8	********	43.3	43.1	42.5	41.3	40.2	39.0	37.7	36.4	35.1	33.7	30.8	23.9	13.8
9	********	40.9	40.6	40.0	39.0	37.9	36.7	35.6	34.4	33.1	31.8	29.0	22.5	13.0
10	********	38.8	38.6	38.0	37.0	35.9	34.8	33.7	32.6	31.4	30.2	27.5	21.3	12.3
11	********	37.0	36.8	36.2	35.2	34.2	33.2	32.2	31.1	29.9	28.8	26.3	20.3	11.7
12	**********	35.2	34.7	33.7	32.8	31.8	30.8	29.8	28.7	27.5	25.1	19.5	11.2	
13	**********	33.8	33.3	32.4	31.5	30.6	29.6	28.6	27.5	26.5	24.2	18.7	10.8	
14	**********	32.6	32.1	31.2	30.4	29.4	28.5	27.5	26.5	25.5	23.3	18.0	10.4	
15	**********	31.5	31.0	30.2	29.3	28.4	27.5	26.6	25.6	24.6	22.5	17.4	10.1	
16	**********	30.5	30.0	29.2	28.4	27.5	26.7	25.8	24.8	23.9	21.8	16.9	9.7	
17	**********	29.6	29.1	28.3	27.5	26.7	25.9	25.0	24.1	23.1	21.1	16.4	9.4	
18	**********	28.7	28.3	27.5	26.8	26.0	25.1	24.3	23.4	22.5	20.5	15.9	9.2	
19	**********	28.0	27.5	26.8	26.1	25.3	24.5	23.6	22.8	21.9	20.0	15.5	8.9	
20	**********	27.3	26.8	26.1	25.4	24.6	23.9	23.0	22.2	21.3	19.5	15.1	8.7	
21	**********	26.6	26.2	25.5	24.8	24.0	23.3	22.5	21.7	20.8	19.0	14.7	8.5	
22	**********	26.0	25.6	24.9	24.2	23.5	22.7	22.0	21.2	20.3	18.6	14.4	8.3	
23	**********	25.4	25.0	24.4	23.7	23.0	22.2	21.5	20.7	19.9	18.2	14.1	8.1	
24	**********	24.5	23.9	23.2	22.5	21.8	21.0	20.3	19.5	17.8	13.8	8.0		
25	**********	24.0	23.4	22.7	22.0	21.3	20.6	19.9	19.1	17.4	13.5	7.8		
30	**********	21.9	21.3	20.7	20.1	19.5	18.8	18.1	17.4	15.9	12.3	7.1		
35	**********	20.3	19.8	19.2	18.6	18.0	17.4	16.8	16.1	14.7	11.4	6.6		
40	**********	19.0	18.5	18.0	17.4	16.9	16.3	15.7	15.1	13.8	10.7	6.2		
45	**********	17.9	17.4	16.9	16.4	15.9	15.4	14.8	14.2	13.0	10.1	5.8		
50	**********	17.0	16.5	16.1	15.6	15.1	14.6	14.0	13.5	12.3	9.5	5.5		
55	**********	16.2	15.8	15.3	14.9	14.4	13.9	13.4	12.9	11.7	9.1	5.3		
60	**********	15.1	14.7	14.2	13.8	13.3	12.8	12.3	11.2	8.7	5.0			
65	**********	14.5	14.1	13.7	13.2	12.8	12.3	11.8	10.8	8.4	4.8			
70	**********	14.0	13.6	13.2	12.8	12.3	11.9	11.4	10.4	8.1	4.7			
75	**********	13.5	13.1	12.7	12.3	11.9	11.5	11.0	10.1	7.8	4.5			
80	**********	13.1	12.7	12.3	11.9	11.5	11.1	10.7	9.7	7.5	4.4			
85	**********	12.7	12.3	12.0	11.6	11.2	10.8	10.3	9.4	7.3	4.2			
90	**********	12.3	12.0	11.6	11.2	10.9	10.5	10.1	9.2	7.1	4.1			
95	**********	12.0	11.7	11.3	10.9	10.6	10.2	9.8	8.9	6.9	4.0			
100	**********	11.7	11.4	11.0	10.7	10.3	9.9	9.5	8.7	6.7	3.9			
125	**********	10.2	9.9	9.5	9.2	8.9	8.5	7.8	6.0	3.5				
150	**********	9.3	9.0	8.7	8.4	8.1	7.8	7.1	5.5	3.2				
200	**********	7.8	7.5	7.3	7.0	6.7	6.2	4.8	2.8					
250	**********	6.7	6.5	6.3	6.0	5.5	4.3	2.5						
300	**********	6.0	5.7	5.5	5.0	3.9	2.2							
350	**********	5.3	5.1	4.7	3.6	2.1								
400	**********	5.0	4.8	4.4	3.4	1.9								
450	**********	4.5	4.1	3.2	1.8									
500	**********	3.9	3.0	1.7										
750	**********	2.5	1.4											
1000	**********	1.2												

NOTE: FOR CORRECT USAGE OF THESE TABLES PLEASE REFER TO MICRODATA DOCUMENTATION

National Private Vehicle Use Survey - 1996
Approximate Sampling Variability Tables for Prairies
Applicable to Background Questionnaire Categorical Selected Vehicle-Level Variables
Q22, Q23, Q24, Q24A, Q27-Q31

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	184.4	183.6	182.6	179.8	175.0	170.1	165.0	159.8	154.3	148.7	142.9	130.4	101.0	58.3
2	130.4	129.8	129.1	127.1	123.8	120.3	116.7	113.0	109.1	105.2	101.0	92.2	71.4	41.3
3	********	106.0	105.4	103.8	101.0	98.2	95.3	92.2	89.1	85.9	82.5	75.3	58.3	33.7
4	********	91.8	91.3	89.9	87.5	85.0	82.5	79.9	77.2	74.4	71.4	65.2	50.5	29.2
5	********	82.1	81.7	80.4	78.3	76.1	73.8	71.4	69.0	66.5	63.9	58.3	45.2	26.1
6	********	74.9	74.6	73.4	71.4	69.4	67.4	65.2	63.0	60.7	58.3	53.3	41.3	23.8
7	********	69.4	69.0	68.0	66.1	64.3	62.4	60.4	58.3	56.2	54.0	49.3	38.2	22.0
8	********	64.9	64.6	63.6	61.9	60.1	58.3	56.5	54.6	52.6	50.5	46.1	35.7	20.6
9	********	61.2	60.9	59.9	58.3	56.7	55.0	53.3	51.4	49.6	47.6	43.5	33.7	19.4
10	********	58.0	57.8	56.9	55.3	53.8	52.2	50.5	48.8	47.0	45.2	41.3	32.0	18.4
11	********	55.3	55.1	54.2	52.8	51.3	49.8	48.2	46.5	44.8	43.1	39.3	30.5	17.6
12	********	53.0	52.7	51.9	50.5	49.1	47.6	46.1	44.6	42.9	41.3	37.7	29.2	16.8
13	********	50.9	50.7	49.9	48.5	47.2	45.8	44.3	42.8	41.3	39.6	36.2	28.0	16.2
14	********	49.1	48.8	48.1	46.8	45.5	44.1	42.7	41.3	39.8	38.2	34.9	27.0	15.6
15	********	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
16	********	45.9	45.7	45.0	43.8	42.5	41.3	39.9	38.6	37.2	35.7	32.6	25.3	14.6
17	********	44.5	44.3	43.6	42.4	41.3	40.0	38.7	37.4	36.1	34.7	31.6	24.5	14.1
18	********	43.3	43.0	42.4	41.3	40.1	38.9	37.7	36.4	35.1	33.7	30.7	23.8	13.8
19	********	42.1	41.9	41.3	40.2	39.0	37.9	36.7	35.4	34.1	32.8	29.9	23.2	13.4
20	********	41.0	40.8	40.2	39.1	38.0	36.9	35.7	34.5	33.3	32.0	29.2	22.6	13.0
21	********	40.1	39.9	39.2	38.2	37.1	36.0	34.9	33.7	32.5	31.2	28.5	22.0	12.7
22	********	39.1	38.9	38.3	37.3	36.3	35.2	34.1	32.9	31.7	30.5	27.8	21.5	12.4
23	********	38.3	38.1	37.5	36.5	35.5	34.4	33.3	32.2	31.0	29.8	27.2	21.1	12.2
24	********	37.5	37.3	36.7	35.7	34.7	33.7	32.6	31.5	30.4	29.2	26.6	20.6	11.9
25	********	36.7	36.5	36.0	35.0	34.0	33.0	32.0	30.9	29.7	28.6	26.1	20.2	11.7
30	**********	33.3	32.8	32.0	31.1	30.1	29.2	28.2	27.2	26.1	23.8	18.4	10.7	
35	**********	30.9	30.4	29.6	28.7	27.9	27.0	26.1	25.1	24.2	22.0	17.1	9.9	
40	**********	28.9	28.4	27.7	26.9	26.1	25.3	24.4	23.5	22.6	20.6	16.0	9.2	
45	**********	27.2	26.8	26.1	25.4	24.6	23.8	23.0	22.2	21.3	19.4	15.1	8.7	
50	**********	25.8	25.4	24.8	24.1	23.3	22.6	21.8	21.0	20.2	18.4	14.3	8.3	
55	**********	24.2	23.6	22.9	22.2	21.5	20.8	20.1	19.3	17.6	13.6	7.9		
60	**********	23.2	22.6	22.0	21.3	20.6	19.9	19.2	18.4	16.8	13.0	7.5		
65	**********	22.3	21.7	21.1	20.5	19.8	19.1	18.4	17.7	16.2	12.5	7.2		
70	**********	21.5	20.9	20.3	19.7	19.1	18.4	17.8	17.1	15.6	12.1	7.0		
75	**********	20.8	20.2	19.6	19.1	18.4	17.8	17.2	16.5	15.1	11.7	6.7		
80	**********	20.1	19.6	19.0	18.4	17.9	17.3	16.6	16.0	14.6	11.3	6.5		
85	**********	19.5	19.0	18.4	17.9	17.3	16.7	16.1	15.5	14.1	11.0	6.3		
90	**********	19.0	18.4	17.9	17.4	16.8	16.3	15.7	15.1	13.8	10.7	6.1		
95	**********	18.4	18.0	17.5	16.9	16.4	15.8	15.3	14.7	13.4	10.4	6.0		
100	**********	18.0	17.5	17.0	16.5	16.0	15.4	14.9	14.3	13.0	10.1	5.8		
125	**********	16.1	15.7	15.2	14.8	14.3	13.8	13.3	12.8	11.7	9.0	5.2		
150	**********	14.3	13.9	13.5	13.0	12.6	12.1	11.7	10.7	8.3	4.8			
200	**********	12.4	12.0	11.7	11.3	10.9	10.5	10.1	9.2	7.1	4.1			
250	**********	11.1	10.8	10.4	10.1	9.8	9.4	9.0	8.3	6.4	3.7			
300	**********	9.8	9.5	9.2	8.9	8.6	8.3	7.5	5.8	3.4				
350	**********	9.1	8.8	8.5	8.3	8.0	7.6	7.0	5.4	3.1				
400	**********	8.5	8.3	8.0	7.7	7.4	7.1	6.5	5.1	2.9				
450	**********	7.8	7.5	7.3	7.0	6.7	6.1	4.8	2.8					
500	**********	7.4	7.1	6.9	6.7	6.4	5.8	4.5	2.6					
750	**********	5.6	5.4	5.2	4.8	3.7	2.1							
1000	**********	4.5	4.1	3.2	1.8									
1500	**********	2.6	1.5											
2000	**********	1.3												

NOTE: FOR CORRECT USAGE OF THESE TABLES PLEASE REFER TO MICRODATA DOCUMENTATION

11.0 WEIGHTING

Since the National Private Vehicle Use Survey used a sub-sample of the LFS sample, the derivation of weights for the survey records for is clearly tied to the weighting procedure used for the LFS. The LFS weighting procedure is briefly described below.

11.1 Weighting Procedures for the LFS

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

Basic Weight

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

Cluster Sub-weight

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

Non-response

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

In other cases, non-response is compensated for by proportionally increasing the weights of responding households. The weight of each responding record is increased by the ratio of the number of households that should have been interviewed, divided by the number that were actually interviewed. This adjustment is done separately for non-response areas, which are defined by emploment insurance region, type of area, and rotation group. It is based on the assumption that the households that have been interviewed represent the characteristics of those that should have been interviewed. To the extent that this assumption is not true, the estimates will be somewhat biased.

LFS Sub-Weight

The product of the previously described weighting factors is called the LFS sub-weight. All members of the same sampled dwelling have the same sub-weight.

Subprovincial and Province-Age-Sex Adjustments

The sub-weight can be used to derive a valid estimate of any characteristic for which information is collected by the LFS. In particular, estimates are produced of the total number of persons 15+ in provincial economic regions and the 24 large metropolitan areas as well as of designated age-sex groups in each of the ten provinces.

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

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

11.2 Weighting Procedures for the National Private Vehicle Use Survey

The principles behind the calculation of the weights for the National Private Vehicle Use Survey are similar to those for the LFS. However, four adjustments were made to the LFS weights in order to derive the final background questionnaire weights found on the survey microdata file. Likewise, five adjustments were made to compute the final diary weights. Users should note that although the NaPVUS survey was conducted during the final three quarters of 1996, the sample selected was in fact a subsample of LFS sample selected in the last quarter of 1995 and the first quarter of 1996.

(1) An adjustment was first done to account for the subsampling of LFS records rather than using the full LFS sample.

(2) Another adjustment is made to the BQ weights to account for the additional non-response to the NaPVUS (i.e., households that had been sampled and had responded to the LFS, but did not respond to the NaPVUS BQ). For the "Diary" weights, adjustments were made to account for both BQ non-response and additional non-response to the Fuel Purchase Diary. (ie., this includes households that respondend to the background questionnaire and were deemed eligible to complete a fuel purchase diary, but did not complete a fuel purchase diary).

(3) Following the adjustments above, a readjustment was made to account for independent provincial dwelling type-tenure projections for the Canadian population corresponding to April of 1996.

(4) As in step 3 above, a readjustment was made to account for independent provincial urban/rural household size projections for the Canadian population corresponding to April 1996.

Adjustments (1) and (2) are made at the CMA and Economic Region level and are calculated using the LFS sub-weight (i.e.,the weight resulting from the first four LFS weighting factors) found on the LFS frame file for the last quarter of 1995 and the first quarter of 1996. For the BQ weights, this household weight is multiplied by:

$$\frac{\textit{Sum of LFS subweights from each household responding to the LFS}}{\textit{Sum of LFS subweights from each household responding to NaPVUS}}$$

to obtain a non-response adjusted NaPVUS BQ sub-weight (BQ WEIGHT 2);

The adjustment for the diary weights is calculated by multiplying the above WEIGHT2 of the BQ and Diary respondents by:

$$\frac{\textit{Sum of LFS subweights from each household responding to a BQ}}{\textit{Sum of LFS subweights from each household responding to a Diary}}$$

to obtain a non-response adjusted NaPVUS Diary sub-weight (Diary WEIGHT2).

Adjustment (3) is calculated by multiplying WEIGHT2 by:

$$\frac{\textit{Population totals for dwelling type/tenure i}}{\textit{WEIGHT2 totals for NaPVUS respondents with dwelling type/tenure i}}$$

This resulting weight (WEIGHT3) is then used in adjustment (4) by multiplying by another factor:

$$\frac{\textit{Population total for urban/rural - household size j}}{\textit{WEIGHT3 total for NaPVUS respondents in urban/rural - household size j}}$$

to give WEIGHT4. Steps (3) and (4) were repeated iteratively until the adjustment factors converged to 1. this process is called raking ratio weighting. The resulting weight is the final BQ household weight or household diary that appears on the NaPVUS microdata file.

12.0 QUESTIONNAIRES AND CODE SHEETS

- The Household Record Docket (Form 03)
- The Labour Force Survey Questionnaire (Form 05)
- The NaPVUS Background Questionnaire
- The NaPVUS Fuel Purchase Diary

12.1 The Household Record Docket (Form 03)

The Household Record Docket (Form 03) is used to list all household members whose usual place of residence is the selected dwelling. It is both a survey operations control document and a record of socio-demographic information on household members. Information collected on this form was verified and updated during the NaPVUS survey.

12.2 The Labour Force Questionnaire (Form 05)

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

Certain variables such as occupation, industry, and employment status were taken from this form for the NaPVUS survey. Where respondents indicated a change in employment status at the time of the NaPVUS their information on occupation and industry is not available as it would not be consistent with that collected during the LFS.

12.3 The National Private Vehicle Use Survey Background Questionnaire

The National Private Vehicle Use Survey background questionnaire was used in December 1995 to August of 1996 to act as a screening mechanism and collect background information about the sampled household and the households personal-use vehicles. Information collected included updates to household socio-demographic information, personal-use vehicle fleet profiling, and more specific information about the use of a randomly selected vehicle within the household.

12.4 The National Private Vehicle Use Survey Fuel Purchase Diary

The National Private Vehicle Use Survey fuel purchase diary was used in January to September of 1996 to collect information on number of fuel purchases, kilometres driven, fuel type, and fuel costs for a randomly selected vehicle within the household. The fuel purchase diary was kept for a period of one month.

Statistics Canada / Statistique Canada

HOUSEHOLD RECORD DOCKET

CONFIDENTIAL when completed

1 FORM NO. 03

2 Docket no. | 3 Survey date | 4 Assignment no. | 5 Designated interviewer no. (No change 1 / or) | Your interviewer no.

6 P.S.U. | Group | Cluster | Rot. no. | 7 Listing | Mult. | 8 Type of dwelling (Enter code)

Record time of every call on this household.

9							
1	Mon.						
2	Tues.						
3	Wed.						
4	Thur.						
5	Fri.						
6	Sat.						

10 Listing address

11 INTERVIEWER CHECK ITEM:
- *Is this the first interview at this dwelling or a new household since last interview?*

Yes 1 ◯ *Go to 12* No 2 ◯ *Go to 20*

12 IS *(read listing address in item 10)* **YOUR CORRECT MAILING ADDRESS?**

Yes 1 ◯ *Go to 13* No 2 ◯ *Enter correct mailing address on Form 23 and go to 13*

FIRST INTERVIEW WITH THIS HOUSEHOLD

13 WOULD YOU PREFER TO BE INTERVIEWED IN ENGLISH OR IN FRENCH?

English 1 ◯ French 2 ◯ Either 3 ◯ Neither 4 ◯

14 INTERVIEWER CHECK ITEM: Language of interview:

English 1 ◯ French 2 ◯ Other 3 ◯ *Go to 15*

15 WHAT ARE THE NAMES OF ALL PERSONS NOW LIVING OR STAYING HERE WHO HAVE NO USUAL PLACE OF RESIDENCE ELSEWHERE?

Enter names in 32.

16 ARE THERE ANY PERSONS AWAY FROM THIS HOUSEHOLD ATTENDING SCHOOL, VISITING, TRAVELLING OR IN HOSPITAL WHO USUALLY LIVE HERE?

Yes 1 ◯ *Enter names in 32 and go to 22* No 2 ◯ *Go to 22*

SUBSEQUENT INTERVIEW

20
- *If Personal Interview* 1 ◯ *Go to 21*
- *Otherwise ask:*

ARE YOU STILL LIVING IN THE SAME DWELLING AS LAST MONTH?
- *where possible, state listing address*

Yes 2 ◯ *Go to 21* No 3 ◯ *Personal visit required*

21 DO THE FOLLOWING PERSONS STILL LIVE OR STAY AT THIS DWELLING?
- *Read all names in 32.*
- *Enter appropriate code in 40.*

22 DOES ANYONE ELSE LIVE AT THIS DWELLING SUCH AS OTHER RELATIVES, ROOMERS, BOARDERS OR EMPLOYEES?

Yes 1 ◯ *Enter names in 32, COMPLETE 33 through 40 and go to 42*

No 2 ◯
- *For a first interview, COMPLETE 33 through 40 and go to 42*
- *For a subsequent interview, go to 42*

31 HRD Pg	Ln	32 Names of household members	33 Age	34 Sex	35 MS	36 Fam Id.	37 Rel to H	38 Educ. 1	38 Educ. 2	40 Membership	50 Answers to supplementary questions L.	A	B	C	D	E	F	G	H	I	J	K	L	M
	1	Given name / Surname									1													
	2	Given name / Surname									2													
	3	Given name / Surname									3													
	4	Given name / Surname									4													
	5	Given name / Surname									5													
	6	Given name / Surname									6													
	7	Given name / Surname									7													
	8	Given name / Surname									8													

42 IS THIS DWELLING OWNED BY A MEMBER OF THIS HOUSEHOLD?

Yes 1 ◯ *Go directly to FORMS 05 & 06* No 2 ◯ *Complete FORM 04*

COMPLETE AT END OF INTERVIEW

43 FOR ALL HOUSEHOLDS

Telephone no. ____ – ____ → Permission to interview by phone: Granted 3 ◯ / Denied 4 ◯ *Go to 44*

No telephone 1 ◯ / or / Telephone no. refused 2 ◯ *Go to 44*

44 *Determine and record the best time to call on this household.*

45 RESPONSE CODE

Month

Code

IF CODE "8" EXPLAIN IN NOTES

46 Was this interview conducted by telephone?

Yes 1 ◯ No 2 ◯

47 Forms Control

	Form	04	05	06
	Printed			
	Completed			

48

Ln	Retain	Item no.
1	1 ◯	
2	2 ◯	
3	3 ◯	
4	4 ◯	

NOTES

See over for additional NOTES. ◯

7-4030-473 21-12-69 STC/HLD 035-02581 STC P-PU-015

FRANÇAIS AU VERSO

Authority - Statistics Act, Revised Statutes

Statistics Canada / Statistique Canada

CODE SHEET

Household Record Docket (Form 03)

Exemplaire français disponible sur demande ☐

8

1 Single Detached
2 Double
3 Row or Terrace
4 Duplex
5 Apartment, Flat
6 Institution
7 Hotel, Rooming or Lodging House
8 Camp – Logging, Construction, etc.
9 Mobile Home
0 **Other** – *Specify in* NOTES

34

M Male
F Female

35 WHAT IS.....MARITAL STATUS?
(Read categories to respondent)

1 Now married or living common-law
2 Single (never married)
3 Widow or widower
4 Separated or divorced

36

Assign one letter to all household members related to the head of a family by one of the relationships listed in Item 37.
("A" for each member of the first family, "B" for each member of the second family, etc.)

37

Each different letter used in Item 36 requires a different 'Head of Family' in Item 37.
1 Head of Family
2 Spouse
3 Son or daughter (natural, adopted or step)
4 Grandchild
5 Son-in-law or daughter-in-law
6 Foster child (less than 18)
7 Parent
8 Parent-in-law
9 Brother or sister
0 **Other relative** – *Specify in* NOTES
Unrelated roomers, boarders and friends require a separate family identifier in Item 36.

40

0 Not a household member this month
1 Civilian household member this month
2 Full-time member of Canadian Armed Forces this month
3 Household member 70 years of age and over (non-birth interview only)

45

FIRST CODE: Entered by interviewer

	NOTE: *for any code other than X, explain situation on appropriate form(s)*	FORMS
X	LFS questionnaire completed for all eligible household members	22
E	LFS questionnaire completed for some (not all) eligible household members	15/22
N	No one at home (after several calls)	15/22
R	Household refusal	15/22
K	Interview prevented by death, sickness, language problem or other unusual circumstances related to the household	15/22
L	Interview prevented by weather conditions	15/22
T	Household temporarily absent	15/22
V	Vacant dwelling (or trailer stall and vacant seasonal dwelling)	22
C	Dwelling under construction	22
B	Dwelling occupied by persons not to be interviewed	15/22
D	Dwelling demolished, converted to business premises, moved, abandoned (unfit for habitation), listed in error	12/22
A	Interview cancelled for lack of an interviewer (Regional Office use only)	

SECOND CODE: Regional Office use only

Blank Interview or attempt to interview again
3 Do not interview unless there is a complete change in household membership
4 Attempt to interview again, a letter was sent
5 Attempt to interview again, personal contact made by Regional Office staff

38

Column 1: WHAT IS THE HIGHEST GRADE OF ELEMENTARY OR HIGH SCHOOL (SECONDARY SCHOOL) .... EVER COMPLETED?

0 **Grade 8 or lower** *Quebec: Secondary II or lower*
1 **Grade 9 – 10** *Quebec: Secondary III or IV Newfoundland: 1st year of secondary*
Grade 11 – 13 *Quebec: Secondary V Newfoundland: 2nd to 4th year of secondary*

↓

DID.....GRADUATE FROM HIGH SCHOOL (SECONDARY SCHOOL)?

2 **No**
3 **Yes**

Column 2: HAS.....RECEIVED ANY OTHER EDUCATION?

0 **No**
Yes →

COULD THIS EDUCATION BE COUNTED TOWARDS A DEGREE, CERTIFICATE OR DIPLOMA FROM AN EDUCATIONAL INSTITUTION?

0 **No**
Yes →

WHAT IS THE HIGHEST DEGREE, CERTIFICATE OR DIPLOMA...HAS OBTAINED?

1 No postsecondary degree, certificate or diploma
2 Trades certificate or diploma from a vocational school or apprenticeship training
3 Non-university certificate or diploma from a community college, CEGEP, school of nursing, etc.
4 University certificate below bachelor's level
5 Bachelor's degree
6 University degree or certificate above bachelor's level

USING TEMPORARY DOCKET NUMBERS

T					A

Always start with "T" for Temporary | Use the last 4 digits of your Assign. No. | "A" for the first additional dwelling, "B" for the second, "C" for the third, etc.

7–5030–440.1: 13-11-89

Canada

Statistics Canada / Statistique Canada

LABOUR FORCE SURVEY QUESTIONNAIRE

CONFIDENTIAL when completed
FRANÇAIS AU VERSO

Docket No. 2 | Survey date 3 Mo. Yr. | Assignment No. 4

HRD page - line No. 5 | Given name 6 | Surname 7

1 FORM NO. 05

10 LAST WEEK, DID ... WORK AT A JOB OR BUSINESS? *(Regardless of the number of hours.)*
Yes 1 ◯ No 2 ◯ Go to 30
PERMANENTLY unable to work 3 ◯ Go to 50

11 DID ... HAVE MORE THAN ONE JOB OR BUSINESS LAST WEEK?
Yes ◯ No 2 ◯ Go to 13

12 WAS THIS A RESULT OF CHANGING EMPLOYERS LAST WEEK?
Yes 1 ◯ No 2 ◯

13 HOW MANY HOURS PER WEEK DOES ... USUALLY WORK AT HIS/HER:
(Main) JOB? ☐☐ if total 30 or more go to 15
Other jobs? ☐☐

14 WHAT IS THE REASON ... USUALLY WORKS LESS THAN 30 HOURS PER WEEK?
☐ Enter Code

15 LAST WEEK, HOW MANY HOURS OF OVERTIME OR EXTRA HOURS DID ... WORK?
(include paid and unpaid time at all jobs) ☐☐ if none enter 00

16 LAST WEEK, HOW MANY HOURS WAS ... AWAY FROM WORK FOR ANY REASON? *(Holiday, vacation, illness, labour dispute, etc.)*
(From all jobs) ☐☐ if none enter 00 and go to 18

17 WHAT WAS THE MAIN REASON FOR BEING AWAY FROM WORK?
☐ Enter code

18 HOW MANY HOURS DID ... ACTUALLY WORK LAST WEEK AT HIS/HER:
(Main) JOB? ☐☐
Other jobs? ☐☐

19 IN THE PAST 4 WEEKS, HAS ... LOOKED FOR ANOTHER JOB?
Yes 1 ◯ No 2 ◯ Go to 72

30 LAST WEEK, DID ... HAVE A JOB OR BUSINESS AT WHICH HE/SHE DID NOT WORK?
Yes 1 ◯ Go to 33 No 2 ◯

31 LAST WEEK, DID ... HAVE A JOB TO START AT A DEFINITE DATE IN THE FUTURE?
Yes 1 ◯ No 2 ◯ Go to 50

32 COUNTING FROM THE END OF LAST WEEK, IN HOW MANY WEEKS WILL ... START TO WORK AT HIS/HER NEW JOB?
☐☐ Go to 50

33 WHY WAS ... ABSENT FROM WORK LAST WEEK?
☐☐ Enter code and if code 6 go to 32

34 DID ... HAVE MORE THAN ONE JOB OR BUSINESS LAST WEEK?
Yes 1 ◯ No 2 ◯

35 HOW MANY HOURS PER WEEK DOES ... USUALLY WORK AT HIS/HER:
(Main) JOB? ☐☐ if total 30 or more go to 37
Other jobs? ☐☐

36 WHAT IS THE REASON ... USUALLY WORKS LESS THAN 30 HOURS PER WEEK?
☐☐ Enter code

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

38 IS ... GETTING ANY WAGES OR SALARY FROM HIS/HER EMPLOYER FOR ANY TIME OFF LAST WEEK?
Yes 1 ◯ No 2 ◯

39 *INTERVIEWER CHECK ITEM:*
• if code 5 (layoff) in 33 1 ◯ go to 56
• Otherwise 2 ◯ go to 40

40 IN THE PAST 4 WEEKS, HAS ... LOOKED FOR ANOTHER JOB?
Yes 1 ◯ No 2 ◯ Go to 72

50 HAS ... EVER WORKED AT A JOB OR BUSINESS?
Yes 1 ◯ No 2 ◯ Go to 55

51 WHEN DID ... LAST WORK AT A JOB OR BUSINESS?
No change 1 ▶ ☐☐ Mo. ☐☐ Yr. | or ▶ ☐☐ Mo. ☐☐ Yr. if month unknown, enter -- in month

52 *INTERVIEWER CHECK ITEM:*
(1) if 51 is before ... ☐☐ Mo. ☐☐ Yr. 1 ◯ go to 55
(2) if 51 is equal to or later than ... 2 ◯ go to 53

53 DID ... USUALLY WORK 30 OR MORE HOURS PER WEEK?
Full-time (30 or more hours per week) 1 ◯ Part-time (Less than 30 hours per week) 2 ◯

54 WHAT WAS THE MAIN REASON WHY ... LEFT THAT JOB?
☐ Enter code

55 *INTERVIEWER CHECK ITEM:*
• if "perm. unable to work" in 10 1 ◯ go to 80
• Otherwise 2 ◯ go to 56

56 IN THE PAST 6 MONTHS, HAS ... LOOKED FOR WORK?
Yes 1 ◯ No 2 ◯ Go to 64

57 • IN THE PAST 4 WEEKS, WHAT HAS ... DONE TO FIND WORK? *(Mark all methods reported.)*
Nothing ◯ 1 Go to 62

• IN THE PAST 4 WEEKS, HAS ... DONE ANYTHING ELSE TO FIND WORK? *Mark all other methods reported.*
For each method given, ask:
• WHEN DID ... LAST _____ ? *(Repeat method)*

Checked with:	Method used	No. of weeks ago (excl. svy week)
PUBLIC employment AGENCY	2 ◯	
PRIVATE employment AGENCY	3 ◯	
UNION	4 ◯	
EMPLOYERS directly	5 ◯	
FRIENDS or relatives	6 ◯	
Placed or answered ADS	7 ◯	
LOOKED at job ADS	8 ◯	
OTHER, Specify in NOTES	9 ◯	

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

59 WHAT WAS ... 's MAIN ACTIVITY BEFORE HE/SHE STARTED TO LOOK FOR WORK?
☐ Enter Code

60 IS ... LOOKING FOR A JOB TO LAST MORE THAN 6 MONTHS?
Yes 1 ◯ (More than 6 months) No 2 ◯ (6 months or less)

61 IS ... LOOKING FOR A FULL-TIME OR PART-TIME JOB?
Full-time (30 or more hours per week) 1 ◯ Part-time (Less than 30 hours per week) 2 ◯
Go to 63

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

63 WAS THERE ANY REASON WHY ... COULD NOT TAKE A JOB LAST WEEK?
☐ Enter code

64 *INTERVIEWER CHECK ITEM:*
• if "No" (never worked) in 50 2 ◯ go to 80
• if upper circle in 52 is marked 3 ◯ go to 80
• Otherwise 4 ◯ go to 72

DESCRIPTION OF MAIN JOB OR BUSINESS

12 FOR WHOM DID ... WORK? *(Name of business, government dept. or agency, or person)*
No change 1 ▶ | or ▶

13 WHEN DID ... START WORKING FOR THIS EMPLOYER?
No change 1 ▶ Mo. ☐☐ Yr. ☐☐ | or ▶ Mo. ☐☐ Yr. ☐☐ if month unknown enter -- in month

14 WHAT KIND OF BUSINESS, INDUSTRY OR SERVICE WAS THIS? *(Give full description: e.g., federal government, canning industry, forestry services.)*
No change 1 ▶ | or ▶

15A WHAT KIND OF WORK WAS ... DOING? *(Give full description: e.g., office clerk, factory worker, forestry technician.)*
No change 1 ▶ | or ▶

15B IN THIS WORK, WHAT WERE ... 'S MOST IMPORTANT ACTIVITIES OR DUTIES? *(Give full description; e.g., filing documents, drying vegetables, forest examiner.)*
No change 1 ▶ | or ▶

16 Class of worker:
Main job ... No change 1 ▶ ☐ | or ▶ ☐ Enter Code

17 Other job ... No change 1 ▶ ☐ | or ▶ ☐ Enter Code go to 80

NOTES
Item no. ☐☐☐

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

80 LAST WEEK, WAS ... ATTENDING A SCHOOL, COLLEGE OR UNIVERSITY?
Yes 1 ◯ No 2 ◯ Go to 90

81 WAS ... ENROLLED AS A FULL-TIME OR PART-TIME STUDENT?
Full time 1 ◯ Part time 2 ◯

82 WHAT KIND OF SCHOOL WAS THIS?
☐ Enter code

INFORMATION SOURCE

90 *HRD page-line No. of person providing the above information*
Last interview ☐☐ This interview ☐☐

5030 4/5 06-06-89 SIC/HLD-035 0258) STC-P-PU-015 Authority-Statistics Act, Revised Statutes of Canada, 1985, Chapter S19.

Canada

Statistics Canada / Statistique Canada

CODE SHEET

Labour Force Survey Questionnaire (Form 05)

Exemplaire français disponible sur demande ☐

14 / 36

1 Own illness or disability
2 Personal or family responsibilities
3 Going to school
4 Could only find part-time work
5 Did not want full-time work
6 Full-time work under 30 hours per week
0 **Other** – Specify in NOTES

59

1 Working
2 Keeping house
3 Going to school
0 **Other** – *DO* ***NOT*** *specify in NOTES*

17

1 Own illness or disability
2 Personal or family responsibilities
3 Weather
4 Labour dispute (strike or lockout)
5 Layoff, expects to return **(Paid Workers Only)**
6 New job started during week, or job terminated (does not expect to return)
7 Vacation
8 Holiday (legal or religious)
9 Working short-time (because of material shortages, plant maintenance or repair, etc.)
0 **Other** – Specify in NOTES

62

1 Own illness or disability
2 Personal or family responsibilities
3 Going to school
4 No longer interested in finding work
5 Waiting for recall (to former job)
6 Has found new job
7 Waiting for replies from employers
8 Believes no work available (in area, or suited to skills)
9 No reason given
0 **Other** – *Specify in NOTES*

63

Yes, because of:

1 Own illness or disability
2 Personal or family responsibilities
3 Going to school
4 Already has a job
0 **Other** – *Specify in NOTES*
5 **No** (Was available for work)

33

1 Own illness or disability
2 Personal or family responsibilities (Include maternity leave)
3 Weather
4 Labour dispute (strike or lockout)
5 Temporary layoff, expects to return (**Paid Workers Only**)
6 New job to start in the future
7 Vacation
8 Seasonal Business (**Excl. Paid Workers**)
0 **Other** – Specify in NOTES

76

"IN. . . 'S JOB, WAS HE/SHE A PAID WORKER, SELF-EMPLOYED OR AN UNPAID FAMILY WORKER?"

"IN. . . 'S OTHER JOB, WAS HE/SHE A PAID WORKER, SELF-EMPLOYED OR AN UNPAID FAMILY WORKER?"

77

Worked for Others

1 Paid Worker
2 Unpaid family worker

Self-employed

3 Incorporated business – **With** paid help
4 Incorporated business – **No** paid help
5 Not incorporated business – **With** paid help
6 Not incorporated business *(Include self-employed without a business)* – **No** paid help

54

1 Own illness or disability
2 Personal or family responsibilities
Include: Marriage, pregnancy, trip, vacation, family illness, etc.
3 Going to school
4 Quit job for no specific reason
5 Lost job or laid off job (**Paid Workers Only**)
Include: Seasonal job, on-call arrangement, temporary job, dismissal (fired), company moved or went out of business, economic conditions, etc.
6 Changed residence
7 Dissatisfied with job
Include: Low pay, poor hours, transportation problems, working conditions, conflict with employer or co-workers, no opportunity for advancement, etc.
8 Retired
0 **Other** – *Specify in NOTES*

82

1 Primary or secondary school
2 Community college, junior college, or CEGEP
3 University
0 **Other** – *Specify in NOTES*

7-5030-440.1: 29-1-90

THE NATIONAL PRIVATE VEHICLE USE SURVEY - Background Questionnaire

The background questionnaire was conducted using a CATI system and therefore no hard copy questionnaire exists. Outlined below are the questions asked during the telephone interview.

Screening

Hello my name is ..... I'm calling from Statistics Canada in Ottawa. Have I reached (tel number)?

YES
NO
Inconvenient Time make appointment
Refusal - thank
Not available

We are conducting a private vehicle use survey and we need to confirm if you have moved since (month/year)?

YES
NO
Inconvenient Time (Make appointment)
Other Problem
Refused
Don't Know

Do you know the telephone number of the people now living at the dwelling you occupied in (MONTH//YEAR)?

YES
NO
REFUSED

The purpose of my call is to ask for your assistance in a national survey on private vehicles use on behalf of Natural Resources Canada. This survey is being carried out to better understand private vehicle fuel consumption in Canada. Your voluntary participation in this survey will play an important role by providing valuable information on fuel use in Canada. Your answers are strictly confidential under the Statistics Act. My supervisor may listen in to evaluate the survey.

Your participation is voluntary but it is very important to us. Your household was selected too represent a number of households in your province and your participation is essential if the results are to be accurate.

Proceed with interview
Inconvenient time (make appointment)
Other Problem (young child answers phone// no resident of home currently available//language problems//bad connection//incapacitated//no one available before survey ends//)
Duplicate Record
Refer to supervisor
Refused

HOUSEHOLD ROSTER

What are the names and telephone numbers of new person or persons now living at this mailing address?

Do the following persons still live in this household?

Inactive
Add
Modify
Stay the Same
No other members

Does anyone else live in this household?

1 - YES
2 - NO

QD1 What is .... ‘s age?

QE1 What is ...’s sex?

F - Female
M - Male

QF1 What is ...’s marital status?

Now married or living common-law
Single never married
Widow or widower
Separated or divorced
Refusal
Don’t know

QG Enter Family Identifier
A First family
B Second family
C Third family
D Fourth family

QH Enter ....'s relationship to head of the family?

Head of family	01
Spouse	02
Son or daughter	03
Grandchild	04
Son in Law or daughter in law	05
Foster child (if under 18)	06
Parent	07
Parent-in-law	08
Brother or Sister	09
Other relative	00
Refusal	88
Don't Know	99

QI Did ... graduate from high school(secondary school) ?

YES	1
NO	2
REFUSAL	8
DON'T KNOW	9

QJ Has ... received any education, that could be counted towards a degree, certificate or diploma from an educational institution?

Yes	1
No	2
Refusal	8
Don't Know	9

QK What is the highest degree, certificate or diploma ... has obtained?

No postsecondary degree or diploma yet	1
Post secondary degree or diploma	2
University degree	3
Refusal	8
Don't Know	9

QL Is ... currently enrolled in school?

Yes full-time	1
Yes part-time	2
No	3
Refusal	8
Don't Know	9

QM Is ... currently employed?

Yes full-time	1
Yes part-time	2
No	3
Refusal	8
Don’t Know	9

QN Is ... currently looking for work?

Yes	1
No	2
Refusal	8
Don’t Know	9

QP Does ... currently hold a valid provincial driver’s license?
(Do not include learner’s permits, suspended or expired licenses)

Yes	1
No	2
Refusal	8
Don’t Know	9

PART A

Q4a Does anyone in this household presently lease or own a car, light truck or van?

Yes	1
No	2
Refusal	8
Don't Know	9

If Don't Know ask Can I speak to someone who knows?

YES	1
NO	2

Q4A1 Would you be able to tell us the make/model/year of every vehicle owned or leased by household members?

Yes	1
No	2
Refusal	8
Don't Know	9

Q4A2 May I speak to someone who can tell me about the vehicles?

Yes	1
No	2
Refusal	8
Don't Know	9

Q4B Does anyone in this household have 24 hour access to a vehicle provided by their employer?

Yes	1
No	2
Refusal	8
Don't Know	9

If don't know ask Can I speak to someone who knows?

Yes	1
No	2
Refusal	3

Q4B1 Would you be able to tell the make/model/year of every vehicle provided by an employer and used by household members?

Yes	1
No	2
Refusal	8
Don't Know	9

Q4B2 May I speak to someone who can tell me about the vehicles?

Yes	1
No	2
Refusal	8
Don’t Know	9

PART B VEHICLE INFORMATION

Q5 What are the year, make, and model of all cars, trucks or vans in this household? Exclude all vehicles used strictly for business purposes and those that are not currently licensed?

VEHICLE	MAKE Q5A1	MODEL Q5A2	YEAR Q5A3

Q5A1 What is the make of all cars, trucks or vans in this household?

Q5A2 What is the model of all cars, trucks or vans in this household?

Q5A3 What is the year of all cars, trucks or vans in this household? (If less than 1959, make sure that you have the right year)

Q5A4 Excluding vehicles that are used only for business purposes and vehicles that are not currently licensed are there any other vehicles that your household has access to on a 24 hour basis?

Yes	1
No	2
Refused	8
Don't Know	9

NOTE: After the household vehicle roster is listed the interviewer asks the next series of questions in part B for each vehicle in part B..

Q6 Who owns this vehicle?

You or someone else in your household?	1
Your employer	2
Leased by a household member	3
Other	4
Refusal	8
Don't Know	9

Q7 Which of the following best describes this vehicle?

Station Wagon	1
2 door passenger car (including hatchback)	2
4 door passenger car (including hatchback)	3
Mini van	4
Pickup	5
Full-size Van (Cargo or window van)	6
Other truck type	7
Other	8

Refusal	9
Don't Know	0

Q8 How many cylinders does this vehicle have?

3 cylinders	1
4 cylinders	2
6 cylinders	3
8 cylinders	4
Other	5
Refusal	8
Don't Know	9

Q9 Does this vehicle have a turbo charger?

Yes	1
No	2
Refusal	8
Don't Know	9

Q10 Is the vehicle's transmission...

Automatic?	1
Standard(manual)?	2
Refusal	8
Don't Know	9

Q11 How many speeds?

3 speed	1
4 speed	2
5 speed	3
6 speed	4
Refusal	8
Don't Know	9

Q12 Does the vehicle have air conditioning?

Yes	1
No	2
Refusal	8
Don't Know	9

Q13 Does the vehicle have ...

Front wheel drive?	1
Rear wheel drive?	2
4 wheel drive?	3
Refusal	8
Don't Know	9

Q14 Was the vehicle purchased new?

Yes	1
No	2
Not applicable (leased/gift)	3
Refusal	8
Don't Know	9

Q15A What year was the vehicle purchased?

Enter year	19__
Refusal	98
Don't Know	99

Q15B Can you recall which month?

January	01
February	02
March	03
April	04
May	05
June	06
July	07
August	08
September	09
October	10
November	11
December	12
Refusal	88
Don't Know	99

Q16 Now I would like to read to you 5 reasons why people choose a particular car or truck and I would like you to rank the three most important reasons which influenced the purchase of this vehicle. Please start with your most important. Was it ...

Price?	1
Safety?	2
Fuel Economy?	3
Reputation? (Includes reliability, had same before, Warranty)	4
Design or Performance (includes appearance, space/size)	5
None of the above? (Please specify)	6
No more	7
Refused	8
Don't Know	9

Q16D You mentioned **Fuel Economy** as a reason for the purchase/lease of this particular vehicle. Was it mainly for:

0	Did not mention fuel economy as a reason
1	Fuel cost savings
2	Environmental concerns
3	Other (Specify)
6	Valid skip
7	Don't know
8	Refusal

NOTE: Only applies for the last 3 months of survey.

Q17 Is the vehicle used year round?

Yes	1
No	2
Refusal	8
Don't Know	9

Q18 What season is the vehicle used in?

Winter	1
Summer	2
Refusal	8
Don't Know	9

Q19 Is the vehicle used...

Everyday?	1
Week days only?	2
Weekends only?	3
A few times a week?	4
Less than once a week?	5
Refusal	8
Don't Know	9

Q20A In the past 30 days has this vehicle been used for getting to and from work?

Yes	1
No	2
Refusal	8
Don't Know	9

Q20B In the past 30 days has this vehicle been used for getting to and from school?

Yes	1
No	2
Refusal	8
Don't Know	9

Q20C In the past 30 days has this vehicle been used for picking up or dropping someone off?

Yes	1
No	2
Refusal	8
Don't Know	9

Q20D In the past 30 days has this vehicle been used for shopping/errands?

Yes	1
No	2
Refusal	8
Don't Know	9

Q20E In the past 30 days has this vehicle been used for social activities?

Yes	1
No	2
Refusal	8
Don't Know	9

Q20F In the past 30 days has this vehicle been used for recreation/sports?

Yes	1
No	2
Refusal	8
Don't Know	9

Q20G In the past 30 days has this vehicle been used just going for a drive?

Yes	1
No	2
Refusal	8
Don't Know	9

Q20H In the past 30 days has this vehicle been used for a personal or family appointment?

Yes	1
No	2
Refusal	8
Don't Know	9

Q20I In the past 30 days has this vehicle been used for one-way trips of more than 100 kilometres (60 miles)?

Yes	1
No	2
Refusal	8
Don't Know	9

Q21 Approximately how many kilometres has the vehicle been driven in the past 12 months?

Kilometres Driven	_____
Refusal	88888
Don't Know	99999

Note: if vehicle owned less than 12 months ask:
Since you have owned/leased the vehicle, approximately how many kilometres was the vehicle driven?

NOTE: **Q21A** If response is in kilometres enter 1, if in miles enter 2

Kilometres	1
Miles	2

NOTE: Check on the number of kilometres entered when the number <100

Yes (explain)	1
No	2
Refusal	8
Don't Know	9

PART C: QUESTIONS ABOUT THE SELECTED VEHICLE

NOTE: In households where there are more than 1 vehicle a random selection process selects one vehicle. Section C and the diary are only targeted for the selected vehicle. Substitution of another vehicle is not permitted.

Q22A Now I will ask you some more detailed questions about the <selected vehicle>

Q22 Is this vehicle used for business/job related purposes? (Do not include commuting to and from work)

Yes	1
No	2
Refusal	8
Don't Know	9

Q23 What percentage of the time is this vehicle used for business/job related purposes (Do not include commuting to and from work)

Note: All those answering this question go to Q24A.

Enter%	___%
Refusal	888
Don't Know	999

Q24 Have you or anyone else in this household driven this vehicle in the past 30 days?

Yes	1
No	2
Refusal	8
Don't Know	9

Q24A Has anyone in this household driven this vehicle for personal use in the past 30 days?

Yes	1
No	2
Refusal	8
Don't Know	9

Q25 In the past 30 days, who in this household drove this vehicle?

List drivers

Q26A In the past 30 days what percentage of time did ... drive this vehicle?

Percentage of time	___%
Refusal	888
Don't Know	999

Q26B In the past 30 days did <insert name> drive this vehicle

Every day?	1
Week days only?	2
Weekends only?	3
Few times a week?	4
Less than once a week?	5
Refusal	8
Don't Know	9

26C/A In the past 30 days has this vehicle been used for getting to and from work?

Yes	1
No	2
Refusal	8
Don't Know	9

Q26C/B In the past 30 days has this vehicle been used for getting to and from school?

Yes	1
No	2
Refusal	8
Don't Know	9

Q26C/C In the past 30 days has this vehicle been used for picking up or dropping someone off?

Yes	1
No	2
Refusal	8
Don't Know	9

Q26C/D In the past 30 days has this vehicle been used for shopping/errands?

Yes	1
No	2
Refusal	8
Don't Know	9

Q26C/E In the past 30 days has this vehicle been used for social activities?

Yes	1
No	2
Refusal	8
Don't Know	9

Q26C/F In the past 30 days has this vehicle been used for recreation/sports?

Yes	1
No	2
Refusal	8
Don't Know	9

Q26C/G In the past 30 days has this vehicle been used just going for a drive?

Yes	1
No	2
Refusal	8
Don't Know	9

Q26C/H In the past 30 days has this vehicle been used for a personal or family appointment?

Yes	1
No	2
Refusal	8
Don't Know	9

Q26C/I In the past 30 days has this vehicle been used for one-way trips of more than 100 kilometres (60 miles)?

Yes	1
No	2
Refusal	8
Don't Know	9

Q27 Has the vehicle had an oil change in the past 6 months?

Yes	1
No	2
Not Applicable	3
Refusal	8
Don't Know	9

OR

Q27B How many times?

O1-98	nn
Don't Know	99

Q27C Would you know the number of kilometres between oil changes?

Check Item: You mentioned that the <vehicle name> has an oil change approximately every XXX kilometres. Is that correct?

Yes	1
No	2
Refusal	8
Don't Know	9

Q28 Has the <insert vehicle name> had a full-engine tune-up as part of its routine maintenance in the past 12 months?

Yes	1
No	2
Not applicable	3
Refusal	8
Don't Know	9

Q29 How often does the <insert vehicle name> usually get a full-engine tune-up?

Every six months or less (twice a year)	1
Every 12 months (once a year)	2
Every 24 months (once every two years)	3
More than every 24 months	4
Every _____kilometres. Enter value	5
Not applicable	6
Refused	8
Don't Know	9

Q30 Who usually does the tune-up on this vehicle? Is it...

A car dealership?	1
Another licensed garage or service station?	2
Yourself or another household member or friend?	3
Not applicable	4
Refusal	8
Don't Know	9

Q31 Has a member of the household had a tire pressure check done or asked to get one done on the vehicle in the past month?

Yes	1
No	2
Refusal	8
Don't Know	9

Q32 For 1995, what was the combined annual household income from all sources before taxes and deductions? Was it ...

Less than $20,000	01
Less than $25,000	02
Less than $30,000	03
Less than $35,000	04
Less than $40,000	05
Less than $50,000	06
Less than $60,000	07
Less than $80,000	08
No income	10
Refusal	88
Don't Know	99

Q33 I need to know who has been providing the information for this survey. You are...

NOTE: (*This question first appeared during the August 1995, survey period*.)

NOTE: Another aspect of the selected vehicle we wish to measure in this survey is how much fuel it uses in one month. For this, we would like to mail a fuel purchase diary to your household. Over the next month, every fuel purchase for the <insert vehicle name> should be recorded in the diary. The diary is self-explanatory but we will call back in a week or two to answer any questions.

Yes	1
No	2
Seasonal Vehicle	3

We will be calling back before the end of the month to answer any questions you may have concerning the diary?

Yes	Schedule a hard appointment
Yes	Schedule a soft appointment
	Guessed appointment
	Hostile Break off or Refusal of interview
	Thank No one available till after the survey ends

Note to interviewer:
Update mailing address and ask who the envelope should be addressed to.

I’d like to thank you for your time and co-operation

INTERVIEW COMPLETE

National Private Vehicle Use Survey

Fuel purchase diary

Confidential once completed.
Collected under the authority of the Statistics Act, Revised Statutes of Canada, 1985, Chapter S19.

Your household has been selected as part of the National Private Vehicle-use Survey that Statistics Canada is conducting for the department of Natural Resources Canada. It is designed to collect information on fuel consumption and distance travelled by Canadians. This Fuel Purchase Diary is to be filled in for the selected vehicle indicated above. It should be filled in by anyone who drives the vehicle.

This diary is for recording information about fuel purchases for one month.

Your voluntary participation is needed if the results are to be accurate. Even if you or anyone else drives the vehicle very little, it is an important part of the picture we are trying to build.

NO MATTER WHO DRIVES THIS VEHICLE, PLEASE FILL IN THE DIARY.

Could you please indicate how many kilometres the vehicle was driven in the past 12 months? (If the vehicle is owned/leased for less than 12 months, please enter the kilometres driven for this period).

|_|_|_|_|_|_| km

General Instructions for Completing the Diary

1. The diary should remain in the vehicle during the entire one month collection period.

2. Every purchase of fuel during the collection period should be recorded no matter who fills up the vehicle.

3. When entering numbers, please insert leading zeros. For example, if you were purchasing 50 litres of fuel at 48 cents per litre, you should enter your numbers as follows:

Price per litre	Amount of fuel purchased
|0_|4_|8_|0_|	|0_|5_|0_|0_|
$ ¢ 1/10	1/10

4. The odometer is the gauge which records the distance travelled.

5. Instructions for recording fuel purchases begin on the next page.

INSTRUCTIONS FOR RECORDING FUEL PURCHASES

PLEASE REFER TO THE EXAMPLE BELOW AS YOU READ THESE INSTRUCTIONS.

Every time you stop for fuel, please do the following:

Column 1: This refers to the fuel purchase number. Record the first fuel purchase in 01, your second in 02, etc.

Column 2: Record the day and month of the fuel purchase.

Column 3: Record the distance showing on the odometer. For those vehicles equipped with a "trip odometer" as well as a "regular odometer", please record the odometer readings from the regular odometer only.

Column 4: Indicate the type of fuel bought by checking the appropriate circle. If you buy a type of fuel that is not indicated, please check circle 7 "Other" and specify type.

Column 5: Record the price per litre in cents and tenths of a cent.

Column 6: Record the number of litres purchased. If you filled up in the United States, enter the number of gallons you purchased and check the circle marked "gallons".

Column 7: Check this circle only if the tank is full.

Column 8: Record the amount paid for FUEL ONLY, in dollars and cents. If you purchased fuel in the United States and paid in U.S. dollars, check the circle. Do not convert the cost into Canadian dollars.

1. *No.*	**2.** *Date*	**3.** *Odometer Reading*	**4.** *Type of fuel purchased* *Gasoline*	*Other types of fuel*	**5.** *Price per litre (Gallon if in USA)*	**6.** *Amount of fuel purchased (litres)*	**7.** *Filled up*	**8.** *Total paid for fuel*
OO	|0|9|1|0| Day/Month	|1|5|8|3|2|7|6| 1/10	1 **O** Regular 2 **O** Medium 3 **O** Premium	4 **O** Diesel 5 **O** Propane 6 **O** Natural gas 7 **O** Other (specify)_____	|0|4|9|5| $ ¢ 1/10	|0|3|0|5| 1/10 Check circle if filled up in USA (gallons) 1 **O**	2 **O** Check only if tank is full	|0|1|5|1|0| $ ¢ Check circle if paid in US dollars 3 **O**

1. *No.*	2. *Date*	3. *Odometer Reading*	4. *Type of fuel purchased* *Gasoline*	*Other types of fuel*	5. *Price per litre (Gallon if in USA)*	6. *Amount of fuel purchased (litres)*	7. *Filled up*	8. *Total paid for fuel*
O1 |_|_|_|_| Day/Month	|_|_|_|_|_|_|_| 1/10	1 **O** Regular 2 **O** Medium 3 **O** Premium	4 **O** Diesel 5 **O** Propane 6 **O** Natural gas 7 **O** Other (specify)_____	|_|_|_|_| $ ¢ 1/10	|_|_|_|_| 1/10 Check circle if filled up in USA (gallons) 1 **O**	2 **O** Check only if tank is full	|_|_|_|_|_| $ ¢ Check circle if paid in US dollars 3 **O**
O2 |_|_|_|_| Day/Month	|_|_|_|_|_|_|_| 1/10	1 **O** Regular 2 **O** Medium 3 **O** Premium	4 **O** Diesel 5 **O** Propane 6 **O** Natural gas 7 **O** Other (specify)_____	|_|_|_|_| $ ¢ 1/10	|_|_|_|_| 1/10 Check circle if filled up in USA (gallons) 1 **O**	2 **O** Check only if tank is full	|_|_|_|_|_| $ ¢ Check circle if paid in US dollars 3 **O**
O3 |_|_|_|_| Day/Month	|_|_|_|_|_|_|_| 1/10	1 **O** Regular 2 **O** Medium 3 **O** Premium	4 **O** Diesel 5 **O** Propane 6 **O** Natural gas 7 **O** Other (specify)_____	|_|_|_|_| $ ¢ 1/10	|_|_|_|_| 1/10 Check circle if filled up in USA (gallons) 1 **O**	2 **O** Check only if tank is full	|_|_|_|_|_| $ ¢ Check circle if paid in US dollars 3 **O**
O4 |_|_|_|_| Day/Month	|_|_|_|_|_|_|_| 1/10	1 **O** Regular 2 **O** Medium 3 **O** Premium	4 **O** Diesel 5 **O** Propane 6 **O** Natural gas 7 **O** Other (specify)_____	|_|_|_|_| $ ¢ 1/10	|_|_|_|_| 1/10 Check circle if filled up in USA (gallons) 1 **O**	2 **O** Check only if tank is full	|_|_|_|_|_| $ ¢ Check circle if paid in US dollars 3 **O**

1. *No.*	2. *Date*	3. *Odometer Reading*	4. *Type of fuel purchased* *Gasoline*	 *Other types of fuel*	5. *Price per litre (Gallon if in USA)*	6. *Amount of fuel purchased (litres)*	7. *Filled up*	8. *Total paid for fuel*
O5 |_|_|_|_|	Day/Month	|_|_|_|_|_|_|_| 1/10	1 **O** Regular 2 **O** Medium 3 **O** Premium	4 **O** Diesel 5 **O** Propane 6 **O** Natural gas 7 **O** Other (specify)_____	|_|_|_|_| $ ¢ 1/10	|_|_|_|_| 1/10 Check circle if filled up in USA (gallons) 1 **O**	2 **O** Check only if tank is full	|_|_|_|_|_| $ ¢ Check circle if paid in US dollars 3 **O**
O6 |_|_|_|_|	Day/Month	|_|_|_|_|_|_|_| 1/10	1 **O** Regular 2 **O** Medium 3 **O** Premium	4 **O** Diesel 5 **O** Propane 6 **O** Natural gas 7 **O** Other (specify)_____	|_|_|_|_| $ ¢ 1/10	|_|_|_|_| 1/10 Check circle if filled up in USA (gallons) 1 **O**	2 **O** Check only if tank is full	|_|_|_|_|_| $ ¢ Check circle if paid in US dollars 3 **O**
O7 |_|_|_|_|	Day/Month	|_|_|_|_|_|_|_| 1/10	1 **O** Regular 2 **O** Medium 3 **O** Premium	4 **O** Diesel 5 **O** Propane 6 **O** Natural gas 7 **O** Other (specify)_____	|_|_|_|_| $ ¢ 1/10	|_|_|_|_| 1/10 Check circle if filled up in USA (gallons) 1 **O**	2 **O** Check only if tank is full	|_|_|_|_|_| $ ¢ Check circle if paid in US dollars 3 **O**
O8 |_|_|_|_|	Day/Month	|_|_|_|_|_|_|_| 1/10	1 **O** Regular 2 **O** Medium 3 **O** Premium	4 **O** Diesel 5 **O** Propane 6 **O** Natural gas 7 **O** Other (specify)_____	|_|_|_|_| $ ¢ 1/10	|_|_|_|_| 1/10 Check circle if filled up in USA (gallons) 1 **O**	2 **O** Check only if tank is full	|_|_|_|_|_| $ ¢ Check circle if paid in US dollars 3 **O**

1. *No.*	2. *Date*	3. *Odometer Reading*	4. *Type of fuel purchased* *Gasoline*	*Other types of fuel*	5. *Price per litre (Gallon if in USA)*	6. *Amount of fuel purchased (litres)*	7. *Filled up*	8. *Total paid for fuel*
O9 |_|_|_|_| Day/Month	|_|_|_|_|_|_|_| 1/10	1 **O** Regular 2 **O** Medium 3 **O** Premium	4 **O** Diesel 5 **O** Propane 6 **O** Natural gas 7 **O** Other (specify)_____	|_|_|_|_| $ ¢ 1/10	|_|_|_|_| 1/10 Check circle if filled up in USA (gallons) 1 **O**	2 **O** Check only if tank is full	|_|_|_|_|_| $ ¢ Check circle if paid in US dollars 3 **O**
10 |_|_|_|_| Day/Month	|_|_|_|_|_|_|_| 1/10	1 **O** Regular 2 **O** Medium 3 **O** Premium	4 **O** Diesel 5 **O** Propane 6 **O** Natural gas 7 **O** Other (specify)_____	|_|_|_|_| $ ¢ 1/10	|_|_|_|_| 1/10 Check circle if filled up in USA (gallons) 1 **O**	2 **O** Check only if tank is full	|_|_|_|_|_| $ ¢ Check circle if paid in US dollars 3 **O**
11 |_|_|_|_| Day/Month	|_|_|_|_|_|_|_| 1/10	1 **O** Regular 2 **O** Medium 3 **O** Premium	4 **O** Diesel 5 **O** Propane 6 **O** Natural gas 7 **O** Other (specify)_____	|_|_|_|_| $ ¢ 1/10	|_|_|_|_| 1/10 Check circle if filled up in USA (gallons) 1 **O**	2 **O** Check only if tank is full	|_|_|_|_|_| $ ¢ Check circle if paid in US dollars 3 **O**
12 |_|_|_|_| Day/Month	|_|_|_|_|_|_|_| 1/10	1 **O** Regular 2 **O** Medium 3 **O** Premium	4 **O** Diesel 5 **O** Propane 6 **O** Natural gas 7 **O** Other (specify)_____	|_|_|_|_| $ ¢ 1/10	|_|_|_|_| 1/10 Check circle if filled up in USA (gallons) 1 **O**	2 **O** Check only if tank is full	|_|_|_|_|_| $ ¢ Check circle if paid in US dollars 3 **O**

1. *No.*	**2.** *Date*	**3.** *Odometer Reading*	**4.** *Type of fuel purchased* *Gasoline*	*Other types of fuel*	**5.** *Price per litre (Gallon if in USA)*	**6.** *Amount of fuel purchased (litres)*	**7.** *Filled up*	**8.** *Total paid for fuel*
13 |_|_|_|_|	Day/Month	|_|_|_|_|_|_|_| 1/10	1 **O** Regular 2 **O** Medium 3 **O** Premium	4 **O** Diesel 5 **O** Propane 6 **O** Natural gas 7 **O** Other (specify)_____	|_|_|_|_| $ ¢ 1/10	|_|_|_|_| 1/10 Check circle if filled up in USA (gallons) 1 **O**	2 **O** Check only if tank is full	|_|_|_|_|_| $ ¢ Check circle if paid in US dollars 3 **O**
14 |_|_|_|_|	Day/Month	|_|_|_|_|_|_|_| 1/10	1 **O** Regular 2 **O** Medium 3 **O** Premium	4 **O** Diesel 5 **O** Propane 6 **O** Natural gas 7 **O** Other (specify)_____	|_|_|_|_| $ ¢ 1/10	|_|_|_|_| 1/10 Check circle if filled up in USA (gallons) 1 **O**	2 **O** Check only if tank is full	|_|_|_|_|_| $ ¢ Check circle if paid in US dollars 3 **O**
15 |_|_|_|_|	Day/Month	|_|_|_|_|_|_|_| 1/10	1 **O** Regular 2 **O** Medium 3 **O** Premium	4 **O** Diesel 5 **O** Propane 6 **O** Natural gas 7 **O** Other (specify)_____	|_|_|_|_| $ ¢ 1/10	|_|_|_|_| 1/10 Check circle if filled up in USA (gallons) 1 **O**	2 **O** Check only if tank is full	|_|_|_|_|_| $ ¢ Check circle if paid in US dollars 3 **O**

13.0 RECORD LAYOUT AND UNIVARIATES

The record layout describes in detail the information found on the NaPVUS microdata file. The NaPVUS record layout is organized in the following fashion. The individual household member demographics are followed by derived variables pertaining to all the household members. The next component of the record layout provides information on the household personal-use vehicle fleet. Information is collected for each vehicle up to a total of six vehicles per household. Individual vehicle information is followed by derived variables pertaining to the household fleet. The next component of the record layout provides information about the “selected vehicle” and the users of the vehicle. The final component of the record layout provides information which has been derived from the fuel purchase diary. The information that is used to create the microdata file comes from four forms:

- The **FO3** is a household record docket and is used to describe the various members of the household;

- The **FO5** is the Labour Force Survey form and is used to collect information on household members’ labour force activity;

- The **NaPVUS Background Questionnaire (BQ)** is the form used to collect profiling information about the households’ personal-use vehicles.(No form actually exists as this information is collected using a CATI technique);

- The **NaPVUS Fuel Purchase Diary** is the form used to collect information about fuel purchases and kilometres driven for a selected vehicle in the household.

The information from these forms is brought together to create the microdata file. In instances where the information is from the FO3 form or the FO5 form the variable “acronym” will normally encompass either “FO3" or “FO5".

The record layout provides a description of each variable on the NaPVUS microdata file. The user is provided with the field number, field length, field position, acronym used to describe the variable, and where necessary brief notes about the variable. The record layout also provides weighted and unweighted control counts for each variable.

In the course of completing the NaPVUS survey there were instances where the respondent household may be asked to complete the same question twice for the “selected vehicle”. For example, during the telephone interview, respondents were asked to report how each vehicle in the household was used regardless of who drove the vehicle. Then, for the selected vehicle, they were asked to provide a detailed breakdown of that vehicle’s use by each driver in the household. Therefore, in some cases users will note a difference in the pattern of reporting of vehicle use for the selected vehicle. Another example occurs when the household respondent was asked to estimate the number of kilometres each vehicle in the household fleet had been driven during the past 12 months. The same question was then asked when the fuel purchase diary was completed for the “selected vehicle”. Both estimates appear on the file and users should use caution when interpreting these data.

Users should also be aware that the counts will vary depending on how respondents flow through the questionnaire. As there are very few skips in the background questionnaire, the skip patterns have been identified in the record layout. If there is any confusion concerning flow patterns it is recommended that users review the survey instruments.

The user is also advised that the file encompasses both stated responses and standardized responses for total fuel consumed, total kilometres driven and the fuel consumption rate. The stated response provides the information as provided by the respondent and typically encompasses fewer days than are available within the month for which the diary was completed. The standardized responses are adjusted to reflect the actual number of days that exist in the month for which the diary was kept. All diary responses are standardized unless the respondent specifically indicated that the vehicle was not used for a portion of the diary month.

In working with the data, users’ are reminded that some cells have very small unweighted counts. If there is any doubt about whether the data can be released users should review the “Publication and Release Guidelines” in chapter 9, prior to releasing any data.

The user will also note that some variables have been collapsed to maintain the respondent’s confidentiality. In some instances it is possible for Statistics Canada to create a custom tabulation should a user require a particular variable that has been suppressed on the microdata file. Requests for custom tabulations are conducted on a cost-recoverable basis. Users interested in custom tabulations should contact Client Services at (613) 951-7355 or 1-888-297-7355.

It should also be noted that the record layout for the NaPVUS master file and public release microdata file are the same. Therefore, it may appear to the user that there is apparent duplication of variables and also an excessive amount of collapsing or regrouping of variables. For a number of the variables shown on the record layout no data are available on the public use microdata file.

All variables have a standard set of codes to indicate missing values. The values are as follows:

Skipped Question - last digit equals six ie., 6/96/996/9996/99996
This occurs where there has been a valid response to a previous question.

Don't Know/Not Stated - last digit equals seven ie., 7/97/997/9997/99997
This occurs where the response to a question was don't know.

Refused - last digit equals eight ie., 8/98/998/9998/99998.
This occurs where the respondent refuses to answer a question.

Not stated - last digit equals nine ie., 9/99/999/9999/99999.
This occurs where there is no response stated for a question or for questions used in the construction of the diary dvs.

In working with the microdata users will quickly determine that one of two numbers always appear in the unweighted totals. The first number is 9,299 which represents the number of households on the file. The second number is 4,874 which represents the number of diaries and those households that do not have a vehicle. When variables which have an unweighted total of 4,874 or its weighted counterpart 14,302,027 are being used then the user should always use the diary weight multiplied by the number of vehicle in that household (Diarywgt*DVNUMV).